

March 9, 2015  
ECT No. 101084-0300

Mr. Jeff Koerner, P.E. Administrator  
Florida Department of Environmental Protection  
Division of Air Resource Management  
Office of Permitting and Compliance  
2600 Blair Stone Road, M.S. 5500  
Tallahassee, Florida 32399-2400

Re: Gainesville Renewable Energy Center (GREC)  
Air Permit No. 0010131-004-AV  
Request for Concurrent Revisions to Air Construction Permit and Title V Operation  
Permit

Dear Mr. Koerner:

Gainesville Renewable Energy Center, LLC (GREC LLC), received authorization to construct and initially operate a nominal 100-megawatt (MW) woody biomass-fueled electrical power plant (Facility) in Gainesville, Alachua County, Florida. More specifically, GREC LLC received a Prevention of Significant Deterioration (PSD) Air Construction Permit No. 0010131-001-AC/PSD-FL411) dated December 28, 2010, from the Florida Department of Environmental Protection (FDEP). On May 21, 2014, GREC LLC received a revised air construction permit, which incorporated the provisions of Title 40, Part 63, Code of Federal Regulations (CFR), Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants (NESHAPs) for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters (Air Permit No. 0010131-003-AC). On November 21, 2014, GREC LLC received the initial Title V operation permit (No. 0010131-004-AV) for the Facility.

On behalf of GREC LLC, Environmental Consulting & Technology, Inc. (ECT), hereby requests FDEP to concurrently process and approve certain revisions to the Facility's air construction permit (No. 0010130-003-AC) and operation permit (No. 0010131-004-AV). The proposed revisions are designed to clarify and refine the requirements applicable to the Facility with regard to warm startups and heat input. The proposed revisions are consistent with the requirements applicable to similar facilities.

Attachment 1 provides the proposed revisions to the Title V operation permit, which is a mark-up of the current operation permit. The requested changes are highlighted (i.e., underlined text is used for proposed additions and ~~strike through~~ text is used for proposed

3701 Northwest  
98<sup>th</sup> Street  
Gainesville, FL  
32606

(352) 332-0444

FAX  
(352) 332-6722

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Florida Department of Environmental Protection  
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deletions). Attachment 2 presents the reason for granting the proposed permit revisions. Also attached is the administrative section of FDEP's Application for Air Permit – Long Form, including the responsible official and professional engineer certifications.

Please contact Andrew Bass at (386) 362-8879 ([abass@ectinc.com](mailto:abass@ectinc.com)) or Len Fagan at (617) 482-6150, Ext. 122 ([lenfagan@amrenewables.com](mailto:lenfagan@amrenewables.com)), if you have any questions or need additional information.

Sincerely,

**ENVIRONMENTAL CONSULTING & TECHNOLOGY, INC.**



Andrew D. Bass, P.E.  
Staff Engineer II



William F. Karl, P.E.  
Senior Engineer II

ADB/dlm

cc: D. Read, FDEP  
L. Fagan, GREC

# **GAINESVILLE RENEWABLE ENERGY CENTER**

## **CONCURRENT AIR CONSTRUCTION PERMIT/TITLE V AIR OPERATION PERMIT APPLICATION**

**Prepared for:**



**GAINESVILLE RENEWABLE  
ENERGY CENTER, LLC  
Gainesville, Florida**

**Prepared by:**



**ECT No. 101084-0300**

**March 2015**

## INTRODUCTION

On December 28, 2010, the Florida Department of Environmental Protection (FDEP) issued an air construction permit (FDEP Permit No. 0010131-001-AC; PSD-FL-411) that authorized Gainesville Renewable Energy Center, LLC (GREC LLC), to construct and initially operate a 100-megawatt (nominal net) woody biomass-fueled electrical power plant in the city of Gainesville, Florida. The electrical power plant is known as the Gainesville Renewable Energy Center (GREC) and consists of six separate emissions units (EU), which are described in the FDEP air construction permit as follows: biomass fuel delivery, preparation, storage, and delivery (EU 001); one bubbling fluidized bed (BFB) boiler/steam turbine generator (EU 002); ash handling, storage, and shipment (EU 003); a mechanical draft cooling tower (EU 004); an emergency generator diesel engine (EU 005); and an emergency firewater pump diesel engine (EU 006). On November 21, 2014, FDEP issued an initial Title V operation permit (No. 0010131-004-AV) for the facility.

GREC LLC now respectfully requests FDEP to concurrently process and approve certain revisions to the air construction permit and air operation permit for the GREC facility. GREC LLC's application for a concurrent air construction permit/Title V operation permit revision includes the following attachments:

- Attachment 1—Requested Changes to the current Title V operation permit.
- Attachment 2—Supporting explanation/information regarding the requested changes to the Title V operation permit.

Attachment 1 identifies the specific changes that should be made to the operation permit. The same changes should be made to the air construction permit. The changes are highlighted in Attachment 1 (i.e., underlined text is used to identify additions and ~~striketrough~~ text is used to identify deletions). Attachment 2 explains why the revisions are appropriate.

GREC LLC's application for a concurrent air construction permit/Title V operation permit revision includes the following appendices:

- Appendix A—U.S. Environmental Protection Agency (EPA) letter approving GREC’s petition request for site-specific moisture value.
- Appendix B—Detailed calculation of heat input using boiler efficiency.
- Appendix C—Graph representing catalyst temperature of the SCR versus time during warm/hot startup events.
- Appendix D—Six months of data for steam flow.

**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**

**APPLICATION FOR AIR PERMIT—LONG FORM  
Effective March 11, 2010**



# Department of Environmental Protection

## Division of Air Resource Management

### APPLICATION FOR AIR PERMIT - LONG FORM

#### I. APPLICATION INFORMATION

**Air Construction Permit** – Use this form to apply for an air construction permit:

- For any required purpose at a facility operating under a federally enforceable state air operation permit (FESOP) or Title V air operation permit;
- For a proposed project subject to prevention of significant deterioration (PSD) review, nonattainment new source review, or maximum achievable control technology (MACT);
- To assume a restriction on the potential emissions of one or more pollutants to escape a requirement such as PSD review, nonattainment new source review, MACT, or Title V; or
- To establish, revise, or renew a plantwide applicability limit (PAL).

**Air Operation Permit** – Use this form to apply for:

- An initial federally enforceable state air operation permit (FESOP); or
- An initial, revised, or renewal Title V air operation permit.

**To ensure accuracy, please see form instructions.**

#### Identification of Facility

1. Facility Owner/Company Name: <b>Gainesville Renewable Energy Center, LLC (GREC LLC)</b>	
2. Site Name: <b>Gainesville Renewable Energy Center (GREC)</b>	
3. Facility Identification Number: <b>0010131</b>	
4. Facility Location: Street Address or Other Locator: <b>11201 Northwest 13<sup>th</sup> Street</b> City: <b>Gainesville</b> County: <b>Alachua</b> Zip Code: <b>32653</b>	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Title V Permitted Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

#### Application Contact

1. Application Contact Name: <b>Leonard J. Fagan, Vice President of Engineering</b>	
2. Application Contact Mailing Address. Organization/Firm: <b>Energy Management, Inc.</b> Street Address: <b>20 Park Plaza, Suite 320</b> City: <b>Boston</b> State: <b>MA</b> Zip Code: <b>02116</b>	
3. Application Contact Telephone Numbers. Telephone: <b>(617) 904 - 3100</b> ext. <b>122</b> Fax: <b>(617) 482 - 6159</b>	
4. Application Contact E-mail Address: <b>lenfagan@emienergy.com</b>	

#### Application Processing Information (DEP Use)

1. Date of Receipt of Application:	3. PSD Number (if applicable):
2. Project Number(s):	4. Siting Number (if applicable):

## APPLICATION INFORMATION

### Purpose of Application

**This application for air permit is being submitted to obtain: (Check one)**

#### **Air Construction Permit**

- Air construction permit.
- Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL).
- Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL), and separate air construction permit to authorize construction or modification of one or more emissions units covered by the PAL.

#### **Air Operation Permit**

- Initial Title V air operation permit.
- Title V air operation permit revision.
- Title V air operation permit renewal.
- Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is required.
- Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is not required.

#### **Air Construction Permit and Revised/Renewal Title V Air Operation Permit (Concurrent Processing)**

- Air construction permit and Title V permit revision, incorporating the proposed project.
- Air construction permit and Title V permit renewal, incorporating the proposed project.
- Air construction permit revision and initial Title V permit.

**Note: By checking one of the above two boxes, you, the applicant, are requesting concurrent processing pursuant to Rule 62-213.405, F.A.C. In such case, you must also check the following box:**

- I hereby request that the department waive the processing time requirements of the air construction permit to accommodate the processing time frames of the Title V air operation permit.

### Application Comment

**GREC LLC was issued FDEP Air Permit No. 0010131-001-AC (PSD-FL-411) authorizing construction and initial operation of the Gainesville Renewable Energy Center (GREC). The air construction permit was issued with an effective date of December 28, 2010, and an expiration date of December 31, 2014.**

**GREC commenced operation on August 16, 2013. In accordance with Rule 62-213.420(1)(a)1, F.A.C., an application for an initial Title V air operation permit must be submitted at least 90 days before expiration of the source's air construction permit but no later than 180 days after commencing operation. This rule requires GREC submit an initial Title V air operation permit application no later than February 12, 2014. GREC submitted an initial Title V air operation permit on February 11, 2014.**

**GREC LLC also requests revisions to Air Permit No. 0010131-001-AC (PSD-FL-411); the changes requested are described in Attachment 1. This application and supporting documents constitute GREC LLC's request for concurrent processing of the initial Title V air operation permit application and revisions to Air Permit No. 0010131-001-AC (PSD-FL-411).**



**APPLICATION INFORMATION**

**Scope of Application**

Emissions Unit ID Number	Description of Emissions Unit	Air Permit Type	Air Permit Processing Fee
002	Woody biomass fueled bubbling fluidized bed (BFB) boiler with a maximum heat input capacity of 1,358 million British thermal units per hour (MMBtu/hr)	N/A	N/A

**Application Processing Fee**

Check one:  Attached - Amount: \$\_\_\_\_\_  Not Applicable

**Note: No application fee is required.**

## APPLICATION INFORMATION

### Owner/Authorized Representative Statement

**Not Applicable**

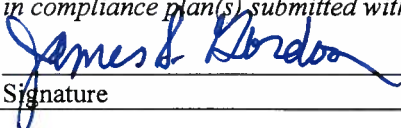
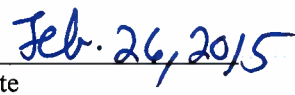
**Complete if applying for an air construction permit or an initial FESOP.**

1. Owner/Authorized Representative Name :
2. Owner/Authorized Representative Mailing Address... Organization/Firm: Street Address: City: State: Zip Code:
3. Owner/Authorized Representative Telephone Numbers... Telephone: ext. Fax: –
4. Owner/Authorized Representative E-mail Address:
5. Owner/Authorized Representative Statement:  <i>I, the undersigned, am the owner or authorized representative of the corporation, partnership, or other legal entity submitting this air permit application. To the best of my knowledge, the statements made in this application are true, accurate and complete, and any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department.</i>  _____ Signature  _____ Date

**APPLICATION INFORMATION**

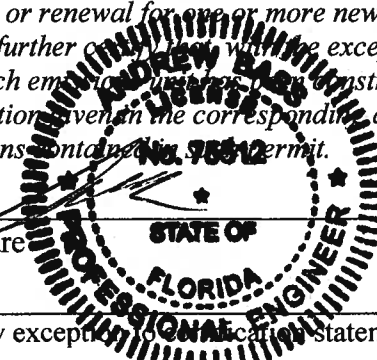
**Application Responsible Official Certification**

**Complete if applying for an initial, revised, or renewal Title V air operation permit or concurrent processing of an air construction permit and revised or renewal Title V air operation permit. If there are multiple responsible officials, the “application responsible official” need not be the “primary responsible official.”**

1. Application Responsible Official Name: <b>James S. Gordon, Chief Executive Officer</b>
2. Application Responsible Official Qualification (Check one or more of the following options, as applicable): <input checked="" type="checkbox"/> For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C. <input type="checkbox"/> For a partnership or sole proprietorship, a general partner or the proprietor, respectively. <input type="checkbox"/> For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official. <input type="checkbox"/> The designated representative at an Acid Rain source or CAIR source.
3. Application Responsible Official Mailing Address... Organization/Firm: <b>Gainesville Renewable Energy Center, LLC</b> Street Address: <b>20 Park Plaza, Suite 320</b> City: <b>Boston</b> State: <b>MA</b> Zip Code: <b>02116</b>
4. Application Responsible Official Telephone Numbers... Telephone: <b>(617) 904 - 3100</b> ext. Fax: <b>(617) 904 - 3109</b>
5. Application Responsible Official E-mail Address: <b>jpgordon@emienergy.com</b>
6. Application Responsible Official Certification: <i>I, the undersigned, am a responsible official of the Title V source addressed in this air permit application. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof and all other applicable requirements identified in this application to which the Title V source is subject. I understand that a permit, if granted by the department, cannot be transferred without authorization from the department, and I will promptly notify the department upon sale or legal transfer of the facility or any permitted emissions unit. Finally, I certify that the facility and each emissions unit are in compliance with all applicable requirements to which they are subject, except as identified in compliance plan(s) submitted with this application.</i>  Signature  Date

**APPLICATION INFORMATION**

**Professional Engineer Certification**

1. Professional Engineer Name: <b>Andrew D. Bass</b> Registration Number: <b>75512</b>
2. Professional Engineer Mailing Address... Organization/Firm: <b>Environmental Consulting &amp; Technology, Inc.</b> Street Address: <b>3701 Northwest 98<sup>th</sup> Street</b> City: <b>Gainesville</b> State: <b>Florida</b> Zip Code: <b>32606-5004</b>
3. Professional Engineer Telephone Numbers... Telephone: <b>( 386 ) 362 – 8879</b> ext. Fax: <b>( 352 ) 332 – 6722</b>
4. Professional Engineer E-mail Address: <b><u>ABass@ectinc.com</u></b>
5. Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <i>(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this application for air permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and</i> <i>(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.</i> <i>(3) If the purpose of this application is to obtain a Title V air operation permit (check here <input type="checkbox"/>, if so), I further certify that each emissions unit described in this application for air permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance plan and schedule is submitted with this application.</i> <i>(4) If the purpose of this application is to obtain an air construction permit (check here <input checked="" type="checkbox"/>, if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here <input type="checkbox"/>, if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.</i> <i>(5) If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here <input type="checkbox"/>, if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit was constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in the permit.</i>  Signature _____ Date <u>3/2/15</u> (seal) 

\* Attach any exceptions to the certification statement.

## II. FACILITY INFORMATION

### A. GENERAL FACILITY INFORMATION

#### Facility Location and Type

1. Facility UTM Coordinates... Zone <b>17</b> East (km) <b>365.0</b> North (km) <b>3,293.8</b>		2. Facility Latitude/Longitude... Latitude (DD/MM/SS) Longitude (DD/MM/SS)	
3. Governmental Facility Code: <b>0</b>	4. Facility Status Code: <b>A</b>	5. Facility Major Group SIC Code: <b>49</b>	6. Facility SIC(s):  <b>4911</b>
7. Facility Comment :			

#### Facility Contact

1. Facility Contact Name: <b>Russell Able, Plant Manager</b>			
2. Facility Contact Mailing Address... Organization/Firm: <b>NAES Corporation</b> Street Address: <b>11201 Northwest 13<sup>th</sup> Street</b> City: <b>Gainesville</b> State: <b>FL</b> Zip Code: <b>32653</b>			
3. Facility Contact Telephone Numbers: Telephone: <b>(386) 315 - 8014</b> ext.              Fax: <b>(386) 462 - 5165</b>			
4. Facility Contact E-mail Address: <a href="mailto:russell.able@grecbiomass.com"><u>russell.able@grecbiomass.com</u></a>			

#### Facility Primary Responsible Official      *Not Applicable*

**Complete if an “application responsible official” is identified in Section I that is not the facility “primary responsible official.”**

1. Facility Primary Responsible Official Name:			
2. Facility Primary Responsible Official Mailing Address... Organization/Firm: Street Address: City:                      State:                      Zip Code:			
3. Facility Primary Responsible Official Telephone Numbers... Telephone: ( ) -              ext.              Fax: ( ) -			
4. Facility Primary Responsible Official E-mail Address:			

## FACILITY INFORMATION

### Facility Regulatory Classifications

Check all that would apply *following* completion of all projects and implementation of all other changes proposed in this application for air permit. Refer to instructions to distinguish between a “major source” and a “synthetic minor source.”

1. <input type="checkbox"/> Small Business Stationary Source	<input type="checkbox"/> Unknown
2. <input type="checkbox"/> Synthetic Non-Title V Source	
3. <input checked="" type="checkbox"/> Title V Source	
4. <input checked="" type="checkbox"/> Major Source of Air Pollutants, Other than Hazardous Air Pollutants (HAPs)	
5. <input type="checkbox"/> Synthetic Minor Source of Air Pollutants, Other than HAPs	
6. <input checked="" type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)	
7. <input type="checkbox"/> Synthetic Minor Source of HAPs	
8. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS (40 CFR Part 60)	
9. <input type="checkbox"/> One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60)	
10. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NESHAP (40 CFR Part 61 or Part 63)	
11. <input type="checkbox"/> Title V Source Solely by EPA Designation (40 CFR 70.3(a)(5))	
12. Facility Regulatory Classifications Comment:  <p style="margin-left: 40px;"><b>NSPS 40 CFR 60, Subpart Da is applicable to the BFB boiler (EU 002).</b></p> <p style="margin-left: 40px;"><b>NESHAP 40 CFR 63, Subpart DDDDD is applicable to the BFB boiler (EU 002).</b></p> <p style="margin-left: 40px;"><b>NSPS 40 CFR 60, Subpart IIII is applicable to the emergency diesel engines (EU 005 and 006).</b></p> <p style="margin-left: 40px;"><b>NESHAP 40 CFR 63, Subpart ZZZZ is applicable to the emergency diesel engines (EU 005 and 006).</b></p>	

**FACILITY INFORMATION**

**List of Pollutants Emitted by Facility**

1. Pollutant Emitted	2. Pollutant Classification	3. Emissions Cap [Y or N]?
<b>NO<sub>x</sub></b>	<b>A</b>	<b>Yes</b>
<b>SO<sub>2</sub></b>	<b>A</b>	<b>Yes</b>
<b>CO</b>	<b>A</b>	<b>No</b>
<b>PM<sub>10</sub></b>	<b>B</b>	<b>No</b>
<b>VOC</b>	<b>B</b>	<b>No</b>
<b>H106 (hydrogen chloride)</b>	<b>B</b>	<b>No</b>
<b>H107 (hydrogen fluoride)</b>	<b>B</b>	<b>No</b>
<b>H114 (mercury)</b>	<b>B</b>	<b>No</b>

**FACILITY INFORMATION**

**B. EMISSIONS CAPS**

**Facility-Wide or Multi-Unit Emissions Caps**

1. Pollutant Subject to Emissions Cap	2. Facility-Wide Cap [Y or N]? (all units)	3. Emissions Unit ID's Under Cap (if not all units)	4. Hourly Cap (lb/hr)	5. Annual Cap (ton/yr)	6. Basis for Emissions Cap
<b>NO<sub>x</sub></b>	<b>No</b>	<b>EU 002</b>	<b>N/A</b>	<b>416.4</b>	<b>ESCPSD</b>
<b>SO<sub>2</sub></b>	<b>No</b>	<b>EU 002</b>	<b>N/A</b>	<b>170.7</b>	<b>ESCPSD</b>

7. Facility-Wide or Multi-Unit Emissions Cap Comment:

**Annual caps for NO<sub>x</sub> and SO<sub>2</sub> were taken to avoid PSD review.**



## FACILITY INFORMATION

### C. FACILITY ADDITIONAL INFORMATION

#### Additional Requirements for All Applications, Except as Otherwise Stated

1. Facility Plot Plan: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>02/11/14</u>
2. Process Flow Diagram(s): (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>02/11/14</u>
3. Precautions to Prevent Emissions of Unconfined Particulate Matter: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>02/11/14</u>

#### Additional Requirements for Air Construction Permit Applications

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
2. Description of Proposed Construction, Modification, or Plantwide Applicability Limit (PAL): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
3. Rule Applicability Analysis: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
4. List of Exempt Emissions Units: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
5. Fugitive Emissions Identification: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
6. Air Quality Analysis (Rule 62-212.400(7), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Source Impact Analysis (Rule 62-212.400(5), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
8. Air Quality Impact since 1977 (Rule 62-212.400(4)(e), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Additional Impact Analyses (Rules 62-212.400(8) and 62-212.500(4)(e), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

## FACILITY INFORMATION

### C. FACILITY ADDITIONAL INFORMATION (CONTINUED)

#### Additional Requirements for FESOP Applications

- |  |
|--|
| 1. List of Exempt Emissions Units:<br><input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable |
|--|

#### Additional Requirements for Title V Air Operation Permit Applications

- |   |
|---|
| 1. List of Insignificant Activities: (Required for initial/renewal applications only)<br><input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable (revision application)  |
| 2. Identification of Applicable Requirements: (Required for initial/renewal applications, and for revision applications if this information would be changed as a result of the revision being sought)<br><input type="checkbox"/> Attached, Document ID: _____<br><input checked="" type="checkbox"/> Not Applicable (revision application with no change in applicable requirements)  |
| 3. Compliance Report and Plan: (Required for all initial/revision/renewal applications)<br><input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable<br>Note: A compliance plan must be submitted for each emissions unit that is not in compliance with all applicable requirements at the time of application and/or at any time during application processing. The department must be notified of any changes in compliance status during application processing. |
| 4. List of Equipment/Activities Regulated under Title VI: (If applicable, required for initial/renewal applications only)<br><input type="checkbox"/> Attached, Document ID: _____<br><input type="checkbox"/> Equipment/Activities Onsite but Not Required to be Individually Listed<br><input checked="" type="checkbox"/> Not Applicable<br>Note: Assumes no equipment with > 50 lb refrigerant charge   |
| 5. Verification of Risk Management Plan Submission to EPA: (If applicable, required for initial/renewal applications only)<br><input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable  |
| 6. Requested Changes to Current Title V Operation Permit:<br><input checked="" type="checkbox"/> Attached, Document ID: <b><u>Attachment 1</u></b> <input type="checkbox"/> Not Applicable  |

**FACILITY INFORMATION**

**C. FACILITY ADDITIONAL INFORMATION (CONTINUED)**

**Additional Requirements for Facilities Subject to Acid Rain, CAIR, or Hg Budget Program**

1. Acid Rain Program Forms:

Acid Rain Part Application (DEP Form No. 62-210.900(1)(a)):

Attached, Document ID: \_\_\_\_\_  Previously Submitted, Date: 02/11/14

Not Applicable (not an Acid Rain source)

Phase II NO<sub>x</sub> Averaging Plan (DEP Form No. 62-210.900(1)(a)1.):

Attached, Document ID: \_\_\_\_\_  Previously Submitted, Date: \_\_\_\_\_

Not Applicable

New Unit Exemption (DEP Form No. 62-210.900(1)(a)2.):

Attached, Document ID: \_\_\_\_\_  Previously Submitted, Date: \_\_\_\_\_

Not Applicable

2. CAIR Part (DEP Form No. 62-210.900(1)(b)):

Attached, Document ID: \_\_\_\_\_  Previously Submitted, Date: \_\_\_\_\_

Not Applicable (not a CAIR source)

**Additional Requirements Comment**

**Attachment 1 identifies the changes that are requested with regard to Air Operation Permit No. 0010131-004-AV.**

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**A. GENERAL EMISSIONS UNIT INFORMATION**

**Title V Air Operation Permit Emissions Unit Classification**

1. Regulated or Unregulated Emissions Unit? (Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

**Emissions Unit Description and Status**

1. Type of Emissions Unit Addressed in this Section: (Check one)

This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent).

This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions.

This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.

2. Description of Emissions Unit Addressed in this Section:  
**Woody biomass fueled BFB boiler with a maximum heat input capacity of 1,358 MMBtu/hr**

3. Emissions Unit Identification Number: **002**

4. Emissions Unit Status Code: <b>A</b>	5. Commence Construction Date: <b>10/22/11</b>	6. Initial Startup Date: <b>08/16/13</b>	7. Emissions Unit Major Group SIC Code: <b>49</b>
--	---	---	--

8. Federal Program Applicability: (Check all that apply)

Acid Rain Unit

CAIR Unit

9. Package Unit: **N/A**  
Manufacturer: \_\_\_\_\_ Model Number: \_\_\_\_\_

10. Generator Nameplate Rating: **116.1 MW (100 MW nominal net)**

11. Emissions Unit Comment:

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**Emissions Unit Control Equipment/Method:** Control 1 of 6

1. Control Equipment/Method Description:

**Staged combustion**

2. Control Device or Method Code: **025**

**Emissions Unit Control Equipment/Method:** Control 2 of 6

1. Control Equipment/Method Description:

**Overfire air**

2. Control Device or Method Code: **204**

**Emissions Unit Control Equipment/Method:** Control 3 of 6

1. Control Equipment/Method Description:

**Flue gas recirculation (FGR)  
(FGR is used when lower moisture content biomass fuels are combusted and during partial load boiler operations.)**

2. Control Device or Method Code: **026**

**Emissions Unit Control Equipment/Method:** Control 4 of 6

1. Control Equipment/Method Description:

**Dry sorbent injection (DSI)**

2. Control Device or Method Code: **206**

**Emissions Unit Control Equipment/Method:** Control 5 of 6

1. Control Equipment/Method Description:

**Fabric filter – high temperature (T > 250 °F)**

2. Control Device or Method Code: **016**

**Emissions Unit Control Equipment/Method:** Control 6 of 6

1. Control Equipment/Method Description:

**Selective catalytic reduction (SCR). Note: Catalyst temperatures must be greater than 375°F before ammonia can be injected.**

2. Control Device or Method Code: **139**

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**B. EMISSIONS UNIT CAPACITY INFORMATION**

**(Optional for unregulated emissions units.)**

**Emissions Unit Operating Capacity and Schedule**

1. Maximum Process or Throughput Rate:
2. Maximum Production Rate: <b>930 kilopounds per hour (klb/hr) (steam)</b>
3. Maximum Heat Input Rate: <b>1,358 million Btu/hr (biomass fuels) (for information only)</b> <b>341 million Btu/hr (natural gas during startups)</b>
4. Maximum Incineration Rate: pounds/hr tons/day
5. Requested Maximum Operating Schedule: <b>24 hours/day</b> <b>7 days/week</b> <b>52 weeks/year</b> <b>8,760 hours/year</b>
6. Operating Capacity/Schedule Comment:  <b>The unit has a steam flow capacity of 930 klb/hr. Based on a boiler efficiency of 73.37 percent and 50-percent moisture fuel, the maximum heat input of the unit is 1,358 million British thermal units per hour (MMBtu/hr) for biomass fuels.</b>  <b>GREC is requesting the operating capacity of the boiler to be based on steam flow rate. Steam flow rate can be monitored more accurately than heat input rate with the use of continuous monitors. Title 40, Part 75, Code of Federal Regulations (CFR), Appendix F, Equation F-18, is the equation currently used to determine heat input. The equation uses two assumed variables: dry basis F-factor and moisture content of the stack gas. The variation in the assumed F-factor and moisture content result in the heat input having higher variations than measuring the steam flow of the boiler.</b>

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**C. EMISSION POINT (STACK/VENT) INFORMATION****(Optional for unregulated emissions units.)****Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram: <b>P-7</b>		2. Emission Point Type Code: <b>1</b>	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:  N/A			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:  N/A			
5. Discharge Type Code: <b>V</b>	6. Stack Height: <b>230</b> feet	7. Exit Diameter: <b>12.0</b> feet	
8. Exit Temperature: <b>310</b> °F	9. Actual Volumetric Flow Rate: <b>520,600</b> acfm	10. Water Vapor: <b>N/A</b> %	
11. Maximum Dry Standard Flow Rate: N/A dscfm		12. Nonstack Emission Point Height: N/A feet	
13. Emission Point UTM Coordinates... Zone: <b>17</b> East (km): <b>365.01</b> North (km): <b>3,293.83</b>		14. Emission Point Latitude/Longitude... Latitude (DD/MM/SS) Longitude (DD/MM/SS)	
15. Emission Point Comment:			

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**D. SEGMENT (PROCESS/FUEL) INFORMATION**

**Segment Description and Rate:** Segment 1 of 2

1. Segment Description (Process/Fuel Type):  <b>External combustion boilers, electric generation, wood waste/bark, fluidized bed combustion</b>		
2. Source Classification Code (SCC): <b>1-01-009-12</b>	3. SCC Units: <b>Tons Combusted</b>	
4. Maximum Hourly Rate: <b>159.3</b>	5. Maximum Annual Rate: <b>1,395,030</b>	6. Estimated Annual Activity Factor: <b>N/A</b>
7. Maximum % Sulfur: <b>0.01 (as received)</b>	8. Maximum % Ash: <b>4.0 (as received)</b>	9. Million Btu per SCC Unit: <b>8.5 (as received)</b>
10. Segment Comment:		

**Segment Description and Rate:** Segment 2 of 2

1. Segment Description (Process/Fuel Type):  <b>External combustion boilers, electric generation, natural gas, boilers &gt;100 MMBtu/hr except tangentially fired units</b>		
2. Source Classification Code (SCC): <b>1-01-006-01</b>	3. SCC Units: <b>Million cubic feet burned</b>	
4. Maximum Hourly Rate: <b>0.324</b>	5. Maximum Annual Rate: <b>35.1</b>	6. Estimated Annual Activity Factor: <b>N/A</b>
7. Maximum % Sulfur: <b>N/A</b>	8. Maximum % Ash: <b>N/A</b>	9. Million Btu per SCC Unit: <b>1,050</b>
10. Segment Comment:		



**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**E. EMISSIONS UNIT POLLUTANTS**

**List of Pollutants Emitted by Emissions Unit**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
<b>CO</b>	<b>025, 204, 026</b>		<b>EL</b>
<b>NO<sub>x</sub></b>	<b>025, 204, 026</b>	<b>139</b>	<b>EL</b>
<b>PM/PM<sub>10</sub> (filterable)</b>	<b>016</b>		<b>EL</b>
<b>PM<sub>2.5</sub></b>	<b>016</b>		<b>NS</b>
<b>SO<sub>2</sub></b>	<b>206</b>	<b>016</b>	<b>EL</b>
<b>VOC</b>	<b>025, 204, 026</b>		<b>EL</b>
<b>H106 (HCl)</b>	<b>206</b>	<b>016</b>	<b>EL</b>
<b>H107 (HF)</b>	<b>206</b>	<b>016</b>	<b>EL</b>
<b>Sulfuric acid mist (SAM)</b>	<b>206</b>	<b>016</b>	<b>EL</b>
<b>H114 (Mercury)</b>			<b>EL</b>
<b>Ammonia (NH<sub>3</sub>)</b>			<b>EL</b>
<b>HAPS</b>	<b>206</b>	<b>016</b>	<b>NS</b>

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –  
POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS  
(Optional for unregulated emissions units.)**

**Complete a Subsection F1 for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V operation permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

**Potential, Estimated Fugitive, and Baseline & Projected Actual Emissions**

1. Pollutant Emitted: <b>NO<sub>x</sub></b>		2. Total Percent Efficiency of Control: <b>&gt; 80</b>	
3. Potential Emissions: <b>95.1 lb/hour                      416.4 tons/year</b>		4. Synthetically Limited? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): <b>N/A</b> to tons/year			
6. Emission Factor: <b>0.070 lb/MMBtu</b> Reference: <b>Initial application dated November 2009</b>		7. Emissions Method Code: <b>0</b>	
8.a. Baseline Actual Emissions (if required): tons/year <b>N/A</b>		8.b. Baseline 24-month Period: <b>N/A</b> From:                      To:	
9.a. Projected Actual Emissions (if required): tons/year <b>N/A</b>		9.b. Projected Monitoring Period: <b>N/A</b> <input type="checkbox"/> 5 years <input type="checkbox"/> 10 years	
10. Calculation of Emissions:			
11. Potential, Fugitive, and Actual Emissions Comment:			

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete Subsection F2 if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

**Allowable Emissions** Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: <b>ESCPSD</b>	2. Future Effective Date of Allowable Emissions: <b>N/A</b>
3. Allowable Emissions and Units: <b>0.070 lb/MMBtu, 30-day rolling average</b>	4. Equivalent Allowable Emissions: <b>N/A lb/hour                      416.4 tons/year</b>
5. Method of Compliance: <b>NO<sub>x</sub> CEMS</b>	
6. Allowable Emissions Comment (Description of Operating Method):  <b>Applicant request from initial application dated November 2009</b>	

**Allowable Emissions** Allowable Emissions    of   

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour                      tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

**Allowable Emissions** Allowable Emissions    of   

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour                      tons/year
5. Method of Compliance:	
6. Allowable Emissions Comment (Description of Operating Method):	

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**G. VISIBLE EMISSIONS INFORMATION**

Complete Subsection G if this emissions unit is or would be subject to a unit-specific visible emissions limitation.

**Visible Emissions Limitation:** Visible Emissions Limitation 1 of 2

1. Visible Emissions Subtype: <b>VE 10</b>	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: <b>10 %</b> Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance: <b>6 minute blocks by COMS</b>	
5. Visible Emissions Comment:  <b>BACT - Rule 62-212.400(10)(b), F.A.C.</b>	

**Visible Emissions Limitation:** Visible Emissions Limitation 2 of 2

1. Visible Emissions Subtype: <b>VE 20</b>	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: <b>20 %</b> Exceptional Conditions: <b>27 %</b> Maximum Period of Excess Opacity Allowed: <b>6 min/hour</b>	
4. Method of Compliance: <b>EPA Reference Method 9</b>	
5. Visible Emissions Comment:  <b>Limits applicable during startups, shutdowns, and malfunctions.</b> <b>BACT - Rule 62-212.400(10)(b), F.A.C.</b>	

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**H. CONTINUOUS MONITOR INFORMATION**

Complete Subsection H if this emissions unit is or would be subject to continuous monitoring.

**Continuous Monitoring System:** Continuous Monitor 1 of 7

1. Parameter Code: <b>EM</b>	2. Pollutant(s): <b>NO<sub>x</sub></b>
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: <b>California Analytical Instruments</b> Model Number: <b>600CLD</b> Serial Number: <b>Y08012</b>	
5. Installation Date: <b>October 2013</b>	6. Performance Specification Test Date: <b>November 2013</b>
7. Continuous Monitor Comment:  <b>Required by 40 CFR Part 75 (Acid Rain Program) and NSPS Subpart Da.</b>	

**Continuous Monitoring System:** Continuous Monitor 2 of 7

1. Parameter Code: <b>EM</b>	2. Pollutant(s): <b>SO<sub>2</sub></b>
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: <b>California Analytical Instruments</b> Model Number: <b>6000UV</b> Serial Number: <b>Z01006</b>	
5. Installation Date: <b>October 2013</b>	6. Performance Specification Test Date: <b>November 2013</b>
7. Continuous Monitor Comment:  <b>Required by 40 CFR Part 75 (Acid Rain Program) and NSPS Subpart Da.</b>	

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**H. CONTINUOUS MONITOR INFORMATION**

Complete Subsection H if this emissions unit is or would be subject to continuous monitoring.

**Continuous Monitoring System:** Continuous Monitor 3 of 7

1. Parameter Code: <b>EM</b>	2. Pollutant(s): <b>CO</b>
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: <b>CAI (California Analytical Instruments)</b> Model Number: <b>CAI600</b> Serial Number: <b>Z01007-M</b>	
5. Installation Date: <b>October 2013</b>	6. Performance Specification Test Date: <b>November 2013</b>
7. Continuous Monitor Comment:  <b>Required by BACT.</b>	

**Continuous Monitoring System:** Continuous Monitor 4 of 7

1. Parameter Code: <b>VE (opacity)</b>	2. Pollutant(s): <b>N/A</b>
3. CMS Requirement: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other	
4. Monitor Information... Manufacturer: <b>Durag</b> Model Number: <b>D-R 290</b> Serial Number: <b>1220055</b>	
5. Installation Date: <b>October 2013</b>	6. Performance Specification Test Date: <b>November 2013</b>
7. Continuous Monitor Comment:  <b>Required by NSPS Subpart Da.</b>	

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**H. CONTINUOUS MONITOR INFORMATION**

Complete Subsection H if this emissions unit is or would be subject to continuous monitoring.

**Continuous Monitoring System:** Continuous Monitor 5 of 7

1. Parameter Code: <b>O<sub>2</sub> (dry)</b>	2. Pollutant(s): <b>N/A</b>
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: <b>California Analytical Instruments</b> Model Number: <b>Model 600P/NDIR</b> Serial Number: <b>Z01007-M</b>	
5. Installation Date: <b>October 2013</b>	6. Performance Specification Test Date: <b>November 2013</b>
7. Continuous Monitor Comment:  <b>Required by 40 CFR 75 (Acid Rain Program).</b>	

**Continuous Monitoring System:** Continuous Monitor 6 of 7

1. Parameter Code: <b>O<sub>2</sub> (wet)</b>	2. Pollutant(s): <b>N/A</b>
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: <b>M&amp;C Corporation</b> Model Number: <b>Model BOA3</b> Serial Number: <b>1703-2026890</b>	
5. Installation Date: <b>October 2013</b>	6. Performance Specification Test Date: <b>November 2013</b>
7. Continuous Monitor Comment:  <b>Required by 40 CFR 75 (Acid Rain Program).</b>	

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**H. CONTINUOUS MONITOR INFORMATION**

Complete Subsection H if this emissions unit is or would be subject to continuous monitoring.

**Continuous Monitoring System:** Continuous Monitor 7 of 7

1. Parameter Code: <b>FLOW</b>	2. Pollutant(s): <b>N/A</b>
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: <b>TRACE</b> Model Number: <b>Model 500</b> Serial Number: <b>11131-1</b>	
5. Installation Date: <b>October 2013</b>	6. Performance Specification Test Date: <b>November 2013</b>
7. Continuous Monitor Comment:  <b>Required by 40 CFR 75 (Acid Rain Program).</b>	

**Continuous Monitoring System:** Continuous Monitor \_\_ of \_\_

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment:	



# EMISSIONS UNIT INFORMATION

Section [ 1 ] of [ 1 ]

## I. EMISSIONS UNIT ADDITIONAL INFORMATION

### Additional Requirements for All Applications, Except as Otherwise Stated

1. Process Flow Diagram: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>02/11/14</u>
2. Fuel Analysis or Specification: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>02/11/14</u>
3. Detailed Description of Control Equipment: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>02/11/14</u>
4. Procedures for Startup and Shutdown: (Required for all operation permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Previously Submitted, Date <u>02/11/14</u> <input type="checkbox"/> Not Applicable (construction application)
5. Operation and Maintenance Plan: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input type="checkbox"/> Attached, Document ID: _____ Previously Submitted, Date _____ <input checked="" type="checkbox"/> Not Applicable
6. Compliance Demonstration Reports/Records: <input type="checkbox"/> Attached, Document ID: _____ Test Date(s)/Pollutant(s) Tested: _____ <input checked="" type="checkbox"/> Previously Submitted, Date: <u>January 7, 2014</u> Test Date(s)/Pollutant(s) Tested: <u>Tested in November and December 2013/ NO<sub>x</sub>, CO, SO<sub>2</sub>, VOC, PM (f and c), HCl, HF, organic HAPs, metallic HAPs, sulfuric acid mist (SAM), NH<sub>3</sub> slip, Hg, and VE; CEMS certifications conducted in November 2013</u> <input type="checkbox"/> To be Submitted, Date (if known): _____ Test Date(s)/Pollutant(s) Tested: _____ <input type="checkbox"/> Not Applicable Note: For FESOP applications, all required compliance demonstration records/reports must be submitted at the time of application. For Title V air operation permit applications, all required compliance demonstration reports/records must be submitted at the time of application, or a compliance plan must be submitted at the time of application.
7. Other Information Required by Rule or Statute: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable



**ATTACHMENT 1**

**REQUESTED CHANGES TO CURRENT  
TITLE V OPERATION PERMIT**

# Gainesville Renewable Energy Center (GREC), LLC GREC

Facility ID No. 0010131  
Alachua County

Initial Title V Air Operation Permit

**Permit No. 0010131-004-AV**

(Initial Title V Air Operation Permit No. 0010131-004-AV)



**Permitting Authority:**

State of Florida  
Department of Environmental Protection  
Division of Air Resource Management  
Office of Permitting and Compliance  
2600 Blair Stone Road  
Mail Station #5505  
Tallahassee, Florida 32399-2400  
Telephone: (850) 717-9000  
Fax: (850) 717-9097

**Compliance Authority:**

Department's Northeast District Office  
Waste and Air Resource Management Section  
8800 Baymeadows Way West, Suite 100, Jacksonville, Florida 32256-7590  
Telephone: (904) 256-1700  
Fax: (904) 256-1588

Initial Title V Air Operation Permit

Permit No. 0010131-004-AV

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**FLORIDA DEPARTMENT OF  
ENVIRONMENTAL PROTECTION**  
BOB MARTINEZ CENTER  
2600 BLAIRSTONE ROAD  
TALLAHASSEE, FLORIDA 32399-2400

RICK SCOTT  
GOVERNOR

CARLOS LOPEZ-CANTERA  
LT. GOVERNOR

HERSCHEL T. VINYARD JR.  
SECRETARY

**PERMITTEE:**

Gainesville Renewable Energy Center, LLC  
20 Park Plaza, Suite 320  
Boston, Massachusetts 02116

Permit No. 0010131-004-AV  
GREC

Facility ID No. 0010131  
Initial Title V Air Operation Permit

This is the initial Title V air operation permit for the above referenced facility. The new plant is located within the city of Gainesville and approximately 7 miles southeast of the city of Alachua in Alachua County, Florida. Specifically the GREC facility is located on approximately 131 acres at the Gainesville Regional Utility (GRU) Deerhaven Generating Station (DGS). The UTM coordinates are Zone 17; 365.0 kilometers (km) East and 3,293.8 km North.

[\$63.7520]V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213 and 62-214. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date: January 1, 2015  
Renewal Application Due Date: May 20, 2019  
Expiration Date: December 31, 2019

*for:* Jeffery F. Koerner, Program Administrator  
Office of Permitting and Compliance  
Division of Air Resource Management

FK/dlr

**SECTION I. FACILITY INFORMATION.**

**Subsection A. Facility Description.**

The GREC is a recently constructed 100 megawatt (MW, nominal net) electric power plant utilizing a bubbling fluidized bed (BFB) boiler, fueled by clean woody biomass. The plant is located on a 131-acre site within the boundary of the Gainesville Regional Utilities (GRU) Deerhaven Generating Station (DGS) in Alachua County, Florida. The BFB boiler has a maximum ~~steam production~~~~heat input rate~~capacity of ~~930,000 pounds~~~~1,358 million British thermal units~~ per hour (~~lb~~MMBtu/hr). Other emission units at the facility include: biomass fuel delivery, preparation, storage and handling; ash handling, storage and shipment equipment; a mechanical draft cooling tower; a 1,220-horsepower (hp) emergency generator engine; a 315-hp emergency fire pump engine; and an alkaline sorbent storage silo. The facility is an electrical services plant categorized under Standard Industrial Classification No. 4911.

**Subsection B. Summary of Emissions Units.**

EU ID No.	Emission Unit Description
<i>Regulated Emissions Units</i>	
001	Biomass fuel delivery, preparation, storage and handling
002	Woody biomass-fueled BFB boiler <del>with a maximum heat input capacity of 1,358 million British thermal units per hour (MMBtu/hr)</del>
003	Ash handling, storage and shipment
005	1,220-horsepower (hp) emergency generator engine
006	315-hp emergency fire pump engine
007	Alkaline sorbent storage silo
<i>Unregulated Emissions Unit</i>	
004	Mechanical draft cooling tower

Also included in this permit are miscellaneous insignificant emissions units and/or activities (see Appendix I, List of Insignificant Emissions Units and/or Activities).

**Subsection C. Applicable Regulations.**

Based on the initial Title V air operation permit application received February 11, 2014, this facility is regulated as a major source of hazardous air pollutants (HAP), because it is located at a major source of HAP (i.e., GRU DGS). The existing facility is a prevention of significant deterioration (PSD) major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation	EU No(s).
<i>Federal Rule Citations</i>	
40 CFR 60, New Source Performance Standards (NSPS) Subpart A, General Provisions	002, 005, 006
40 CFR 60, Subpart Da, Standards of Performance for Electric Utility Steam Generating Units	002
40 CFR 60, Subpart III, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	005, 006
40 CFR 63, National Emission Standards for Hazardous Air Pollutants (NESHAP) Subpart A, General Provisions	002, 005, 006
40 CFR 63, Subpart DDDDD, National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and	002

**SECTION I. FACILITY INFORMATION.**

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<b>Regulation</b>	<b>EU No(s).</b>
Process Heaters	
40 CFR 63, Subpart ZZZZ, National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	005, 006
40 CFR 75 Acid Rain Monitoring Provisions	002
40 CFR 96 Clean Air Interstate Rule	002
<i>State Rule Citations</i>	
Chapters 62-4, 62-17, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297 Florida Administrative Code (F.A.C.)	001,002, 003, 005, 006, 007



## SECTION II. FACILITY-WIDE CONDITIONS.

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**The following conditions apply facility-wide to all emission units and activities:**

**FW1.** Appendices. The permittee shall comply with all documents identified in Section VI, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

### **Emissions and Controls**

**FW2. Not federally Enforceable. Objectionable Odor Prohibited.** No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An “objectionable odor” means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

**FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions.** The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed-necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.]

*{Permitting Note: Nothing is deemed necessary and ordered at this time.}*

**FW4. General Visible Emissions.** No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b), F.A.C.]

**FW5. Unconfined Particulate Matter.** No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility are included in Appendix BMP which is contained in Section VI of the permit. [Rule 62-296.320(4)(c), F.A.C.]

### **Annual Reports and Fees**

See Appendix RR, Facility-wide Reporting Requirements for additional details.

**FW6. Electronic Annual Operating Report and Title V Annual Emissions Fees.** The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection’s Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP’s Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source’s most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1<sup>st</sup> of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air**

## SECTION II. FACILITY-WIDE CONDITIONS.

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### **Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070.**

Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: <http://www.dep.state.fl.us/air/emission/tvfee.htm>. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013)]

*{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: <http://www.dep.state.fl.us/air/emission/eaor>. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at [eaor@dep.state.fl.us](mailto:eaor@dep.state.fl.us).}*

*{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.}*

- FW7.** Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]
- FW8.** Prevention of Accidental Releases (Section 112(r) of CAA). If, and when, the facility becomes subject to 112(r), the permittee shall:
- a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent electronically through EPA's Central Data Exchange system at the following address: <https://cdx.epa.gov>. Information on electronically submitting risk management plans using the Central Data Exchange system is available at: <http://www.epa.gov/osweroel/content/rmp/index.htm>. The RMP Reporting Center can be contacted at: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
  - b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection A. Emissions Unit 001**

**Subsection A. The specific conditions in this section apply to the following emissions unit:**

<b>EU No.</b>	<b>Brief Description</b>
001	Biomass fuel delivery, preparation, storage and handling

The biomass fuel delivery, preparation, storage and handling system consists of: three truck dumpers; two sets of screens and hogs (i.e., machines used to size wood chips); and automatic and manual stacker/reclaimers to maintain on average a 15 to 20 day supply of biomass fuel for the BFB boiler based on full load operation and average biomass fuel moisture content. The GREC biomass fuels are initially chipped/ground and processed at offsite locations and then transported to the site by truck. There are between 130 and 150 fuel truck deliveries per day based on the maximum BFB boiler biomass fuel consumption rate/average moisture content and a 6-day-per-week delivery schedule. During peak delivery periods, the delivery facilities are capable of unloading 24 truckloads of biomass fuel per hour. The GREC biomass fuel handling system includes scales to weigh each truck entering and departing the facility to determine the delivered fuel weight. The maximum designed hourly biomass processing rate is 600 tons per hour (TPH) with a maximum designed yearly rate of 1,395,030 tons per year (TPY).

There are four biomass storage piles as described below:

- Storage Pile No.1: Storage Pile No. 1 is a kidney shaped pile that is formed with an automatic stacker/reclaimer. The pile is up to 60 feet (ft) high and has a storage capacity of approximately 74,800 cubic yards (yd<sup>3</sup>) of fuel.
- Stock Pile No. 1: Stock Pile No. 1 is a conical shaped pile that is fed with a fixed stacker, which includes a telescoping chute to minimize the distance the fuel will drop when the pile is empty. The pile is up to 60 ft high and has a storage capacity of approximately 8,500 yd<sup>3</sup> of fuel.
- Storage Pile No. 2: Storage Pile No. 2 is approximately 35 ft high with a storage capacity of approximately 162,000 yd<sup>3</sup>. Rolling stock (i.e., a bulldozer or front-end loader) are used to remove fuel from Stock Pile No.1 and deliver it to Storage Pile No. 2.
- Saw Dust Pile: In addition to the chipped/ground biomass fuel, moist sawdust is received at the site. Sawdust is delivered with self-unloading trucks and deposited in an open area adjacent to Storage Pile No.2 in a fourth, small pile. Front-end loaders are used to reclaim sawdust.

The biomass fuel delivery, preparation, handling and storage system also includes the following equipment:

- Scales: Truck scales to weigh each biomass fuel delivery truck arriving and departing the facility to determine the weight of delivered biomass.
- Screen/Hog Building: A fully enclosed building containing surge bins, size disk screens, and hogging equipment.
- Truck Dumpers: Three drive-through truck dumpers with receiving hoppers.
- Conveyors: Six conveyors to transport the biomass fuel from the truck dumpers to the biomass fuel handling and storage system. The conveyor entering the screen/hog building also has a metal detector and self-cleaning magnetic separator.
- Surge Bins: Two surge bins and two reclaimers within the screen/hog building to accept the biomass fuel from the conveyors from the truck dumpers.
- Sizing Discs: Two sizing discs within the screen/hog building to screen any oversized biomass fuel and then send the oversize fuel to the hogs to be reduced in size.
- Hogs: Two hogs within the screen/hog building to reduce the size of any oversized biomass fuel.
- Stacker/Reclaimer: A stacker/reclaimer system to place and reclaim biomass fuel from Storage Pile No.1.
- Telescoping Chute: A telescoping chute to place biomass fuel in Stock Pile No.1.

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection A. Emissions Unit 001**

- **Conveyors:** Two conveyors to transport the biomass fuel to the stacker/reclaimer used for Storage Pile No.1 and the telescoping chute used for Stock Pile No.1. Five conveyors used to transport the biomass fuel from Storage Pile No.1 and Storage Pile No.2 to the BFB boiler metering bins. Scales and magnetic separators will be included in some of the conveyors.
- **Metering Bins:** Two BFB boiler biomass fuel metering bins to provide storage of biomass fuel sufficient for approximately 45 minutes of boiler operation with the bins equipped with bin vent filters to control of PM emissions.

**Essential Potential to Emit (PTE) Parameters**

- A.1. Hours of Operation.** This emissions unit may operate continuously (8,760 hours/year). [Rule 62-210.200(PTE), F.A.C., Permit No. 0010131-003-AC (PSD-FL-411B)]
- A.2. Clean Woody Biomass:** The fuel to be received, handled, stored and processed shall consist of clean, untreated woody biomass as defined below. The permittee is specifically prohibited from accepting biomass in the form of construction and demolition (C&D) debris. The BMP plan referenced in **Specific Condition A.4.** of this subsection shall be followed.

<b>Fuel Type</b>	<b>Description</b>
In-forest residue and slash	Tops, limbs, whole tree material and other residues from soft and hardwoods that result from traditional silvicultural harvests.
Mill residue	Saw dust, bark, shavings and kerf waste from cutting/milling whole green trees; fines from planing kiln-dried lumber; wood waste material generated by primary wood products industries such as round-offs, end cuts, sticks, pole ends; and reject lumber as well as residue material from the construction of wood trusses and pallets.
Pre-commercial tree trimmings and understory clearings	Tops, limbs, whole tree material and other residues that result from the cutting or removal of certain, smaller trees from a stand to regulate the number, quality and distribution of the remaining commercial trees; and forest understory which includes smaller trees, bushes and saplings.
Storm, fire and disease debris	Tops, limbs, whole tree material and other residues that are damaged due to storms, fires or infectious diseases.
Urban wood waste	Trees and other clean, woody matter generated by households, landscaping contractors or power line/roadway clearance contractors that have been cut down for land development, right-of-way clearing or general landscape management purposes.
Recycled industrial wood	Wood derived from used pallets packing crates; and dunnage disposed by commercial or industrial users.
Supplementary fuel material	Clean agricultural residues (i.e., rice hulls, straw, etc.; no animal wastes or manure); and whole tree chips and pulpwood chips.

[Permit No. 0010131-003-AC (PSD-FL-411B); Rule 62-4.070(3), F.A.C. Reasonable Assurance; Final Order dated 12/27/2010]

**Control Technology**

- A.3. Air Pollution Control Equipment:** To minimize fugitive PM, woody biomass conveyors are enclosed where practical.

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection A. Emissions Unit 001**

- a. *Screen/Hog Building Baghouse:* A baghouse is used to control PM emissions from the Screen/Hog building. A screw conveyor is installed to take the PM collected in the baghouse to the conveyor taking the biomass fuel to the biomass fuel handling and storage system.
- b. *Metering Bin Vent Filters:* Bin vent filters is used to control PM emissions from the metering bins for the BFB boiler.

*{Permitting Note: One small section of the conveyance belt of the conveyors near the truck dumpers shall provide for visible inspection from above so that woody biomass that does not meet Specific Condition A.4. of this subsection can be removed.}*

[Permit No. 0010131-003-AC (PSD-FL-4111B); and Rules 62-4.070(3), 62-210.200(PTE) and 62-212.400 (BACT), F.A.C.]

**A.4. BMP Plan:** The revised BMP included in Appendix BMP of Section VI of this permit shall be utilized to minimize fugitive PM emissions from receiving, handling, storage and processing of woody biomass. Best management practices shall be utilized to reduce the potential for spontaneous combustion of stored woody biomass and odors. This plan also includes quality control and assurance (Q&A) procedures to ensure woody biomass delivered by vendors and suppliers to the GREC facility meets the requirements given in **Specific Condition A.2.** of this subsection. [Permit No. 0010131-003-AC (PSD-FL-4111B); and Rules 62-4.070(3), 62-210.200(PTE) and 62-212.400 (BACT), F.A.C.]

**A.5. Paved Roadways and Gravel Areas:** Fugitive dust emissions from the plant’s paved roadways and gravel areas shall be controlled in accordance with **Section B of Appendix BMP** in Section VI of this permit. [No. 0010131-003-AC (PSD-FL-4111B); and Rules 62-4.070, F.A.C. Reasonable Assurance and 62-296.320, F.A.C.]

**Emission Limitations and Standards**

Unless otherwise specified, the averaging time for **Specific Condition A.6.** of this subsection is based on the specified averaging time of the applicable test method.

**A.6. Opacity:** As determined by EPA Method 9, there shall be no visible emissions (VE) greater than 10% opacity, except for one 6 minute period no greater than 20% from the outlets of the drop points and transfer points associated with this emission unit. VE from the Screen/Hog building baghouse and bin vent filters of the metering bins shall be no greater than 5% opacity. [Permit No. 0010131-003-AC (PSD-FL-4111B); Rules 62-212.400(5)(c), 62-4.070(3), 62-210.200(PTE) and 62-212.400 (BACT), F.A.C.]

**Test Methods and Procedures**

**A.7. Test Method.** When required, tests shall be performed in accordance with the following reference method:

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method is described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rule 62-297.401, F.A.C.; and Permit No. 0010131-003-AC (PSD-FL-4111B)]

**A.8. Common Testing Requirements.** Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in **Appendix TR, Facility-Wide Testing Requirements,** of **Section VI** of this permit. [Rule 62-297.310, F.A.C.]

**A.9. Annual VE Compliance Tests.** During each federal fiscal year (October 1st to September 30th), the outlets of the Screen/Hog building baghouse and the bin vent filters of the metering bins associated with

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

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**Subsection A. Emissions Unit 001**

this emissions unit shall be tested to demonstrate compliance with the emissions standards for opacity given in **Specific Condition A.6.** of this subsection. [Rules 62-210.300(2)(a) and 62-297.310(7), F.A.C.]

- A.10. Test Requirements:** The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in **Appendix TR** of **Section VI** of this permit. [Rule 62-297.310(7)(a)9, F.A.C.]

**Recordkeeping and Reporting Requirements**

- A.11. Other Reporting Requirements.** See **Appendix RR, Facility-Wide Reporting Requirements** of **Section VI** of this permit for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.]

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection B. Emissions Unit 002

**Subsection B. The specific conditions in this section apply to the following emissions unit:**

EU No.	Brief Description
002	Nominal net 100 MW BFB, biomass fueled boiler.

The boiler is a woody biomass fueled bubbling fluidized bed (BFB) boiler wherein wood is combusted in a bed of hot sand. The heat from the exhaust is recovered to generate superheated steam to generate 100 MW (nominal, net) of electricity in a steam turbine electrical generator (STEG). The primary fuel will be clean woody biomass as described in **Appendix BMP of Section VI** of this permit. Natural gas is used as a startup fuel for the boiler ~~with a maximum heat input of 341 MMBtu/hr~~. The maximum heat input capacity is 1,358 MMBtu per hour (4 hour average basis). The steam production capability is between 650,000 to 930,000 pounds per hour (lb/hr). ~~For informational purposes only, the maximum heat input capacity using biomass fuels is 1,358 MMBtu per hour.~~ The maximum heat input capacity using natural gas is 341 MMBtu/hr during startup.

*{Permitting Note: The maximum heat input capacity of 1,358 MMBtu per hour is provided for informational purposes only; it is not an enforceable limit.}*

With an as-built stack of 12 feet (ft) in diameter and 230 ft tall. Exhaust flue gas exit the stacks at the following approximate conditions: an exit temperature of 310 degrees Fahrenheit (°F) and a volumetric flow rate of 520,600 actual cubic feet per minute (acfm). Emissions of carbon monoxide (CO), nitrogen oxide (NO<sub>x</sub>) and sulfur dioxide (SO<sub>2</sub>) are monitored and recorded by continuous emissions monitoring systems (CEMS), while opacity is monitored and recorded by a continuous opacity monitoring system (COMS).

#### **Applicable Federal Standards**

**B.1.** NSPS 40 CFR 60, Subpart Da. This unit is subject to NSPS Subpart Da – Standards of Performance for Electric Utility Steam Generating Units for Which Construction is Commenced after September 18, 1978 {72 Federal Register (FR) 32722, June 13, 2007, as amended at 78 FR 24082, Apr. 24, 2013}, because it has a maximum heat input capacity greater than 250 MMBtu/hr from the fossil fuels (natural gas) combusted. Since construction of the GREC facility commenced on April 19, 2011, the BFB boiler is subject to the emission limits in Subpart Da for units that commenced construction after February 28, 2005 and before May 4, 2011. Excerpts of the applicable requirements from Subpart Da are contained in this subsection while the entire subpart is provided in **Appendix Da in Section VI** of this permit. [NSPS 40 CFR 60, Subpart Da]

*{Permitting Note: The requirements of Subpart Da are provided for clarity and convenience in this subsection. However, if all the applicable requirements from the subpart are not contained in this subsection, the permittee is still subject to the omitted requirements.}*

**B.2.** NESHAP 40 CFR 63, Subpart DDDDD. This unit is subject to NESHAP Subpart DDDDD – National Emission Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters. Since construction of the GREC facility commenced after June 4, 2010, the BFB boiler is considered a new source under Subpart DDDDD. Excerpts of the applicable requirements from Subpart DDDDD are contained in this subsection while the entire subpart is provided in **Appendix DDDDD in Section VI** of this permit. [NESHAP 40 CFR 63, Subpart DDDDD]

*{Permitting Note: The requirements of Subpart DDDDD are provided for clarity and convenience in this subsection. However, if all the applicable requirements from the subpart are not contained in this subsection, the permittee is still subject to the omitted requirements.}*

#### **Essential Potential to Emit (PTE) Parameters**

**B.3.** Authorized Fuels. The BFB boiler is authorized to combust as its primary fuel clean woody biomass as defined in **in Appendix BMP in Section VI** of this permit. In addition, the boiler is authorized to

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection B. Emissions Unit 002

combust natural gas as a startup fuel.

[Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070(3), 62-210.200(PTE) and 62-212.400 (BACT), F.A.C., and NSPS, Subpart Da]

#### ~~B.3.~~

#### ~~Permitted Capacity.~~

~~B.4. Heat Input Rate from All Fuels Steam production Rate.~~ The maximum ~~steam production rate~~ ~~heat input capacity~~ from ~~using~~ biomass ~~fuel~~ and natural gas is ~~930,000~~ ~~1,358 MMBtu per hour~~ ~~lb/hr~~ (4 hour average basis). [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070(3), 62-210.200(PTE) and 62-212.400 (BACT), F.A.C.]

#### ~~B.4.B.5.~~

~~B.5. Heat Input from Natural Gas Fossil Fuels.~~ The maximum heat input capacity to combust natural gas on a steady state basis during boiler startup is limited to 341 MMBtu/hr. [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070(3), 62-210.200(PTE) and 62-212.400 (BACT), F.A.C.]

**B.6. Operational Hours.** The hours of operation of this emission unit are not restricted (8,760 hours/year). [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070(3) and 62-210.200(PTE)]

### **Control Technology**

**B.7. Air Pollution Control Equipment.** To comply with the emission standards of this permit, the permittee shall operate and maintain the following BFB boiler add-on air pollution control equipment.

- Fabric Filter Baghouse:* The permittee shall operate and maintain a fabric filter baghouse to control particulate matter (PM) and visible emissions (VE).
- Selective Catalytic Reduction (SCR) System:* The permittee shall operate, and maintain an ammonia (NH<sub>3</sub>) based SCR system including reagent storage tank, pumps, metering system, injection grid, reactor and catalyst to reduce NO<sub>x</sub> emissions in the flue gas exhaust and achieve the NO<sub>x</sub> emissions standards specified in this subsection. The SCR shall be brought on line in accordance with the SCR manufacturer's procedures and guidelines and will be utilized whenever the boiler is in operation.
- In Duct Sorbent Injection System (IDSIS):* An IDSIS including a baghouse, sorbent storage silo, pumps, metering and injection equipment shall be operated and maintained to control SO<sub>2</sub> emissions and hazardous air pollutants (HAP) acid gases such as hydrogen chloride (HCl) and hydrogen fluoride (HF) to the emission standards specified **Specific Condition B.10** in this subsection. As part of this IDSIS, the alkaline sorbent silo is equipped with a bin vent filter to control PM emissions. The IDSIS relies on the presence of alkaline fly ash and shall be augmented as necessary by the use of injected trona (or equivalent). The SO<sub>2</sub> CEMS output data expressed in lb/hr averaged over a 24-hour period shall be reviewed by trained plant personnel on a daily and monthly basis to determine required operation of, or adjustment to the alkaline sorbent injection augmentation to ensure the SO<sub>2</sub> emission standards will be maintained.

[Permit No. 0010131-003-AC (PSD-FL-411B); NSPS Subpart Da; Rule 62-4.070(3), 62-210.200(PTE) and 62-212.400 (BACT), F.A.C.; Final Order dated 12/27/2010]

**B.8. Circumvention.** The permittee shall not circumvent the air pollution control equipment or allow the emissions of air pollutants without this equipment operating properly. [Rule 62-210.650, F.A.C.]

**B.9. Ammonia Storage Tank.** The aqueous ammonia, containing 19% ammonia by volume is stored in one outdoor 15,000 gallon tank designed and fabricated in accordance with U.S. Department of Labor Chapter 29, Part 1910.111, Code of Federal Regulations (CFR), American Society of Mechanical Engineers (ASME) Boiler and Pressure Vessel Code, ANSI K 61.1, and applicable requirements of Chapter 62-762,



**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

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**Subsection B. Emissions Unit 002**

F.A.C., Above Ground Storage Tank (AST) Systems.

[Permit No. 0010131-003-AC (PSD-FL-411B) and Rule 62-4.070(3), F.A.C.]

**Emission Limitations and Standards**

*{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}*

Unless otherwise specified, the averaging time for **Specific Condition B.10.** of this subsection are based on the specified averaging time of the applicable test method.

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection B. Emissions Unit 002**

**B.10. Emission Limits.** Emissions from the BFB boiler shall not exceed the following standards.

Parameter	Limit	Basis	Compliance
NO <sub>x</sub> <sup>a</sup>	1.0 lb/MWH (gross basis)	NSPS Subpart Da	30-boiler operating day rolling average basis by CEMS
	0.070 lb/MMBtu	Applicant Request	<del>30-boiler operating day</del> <u>24-hour</u> rolling average basis by CEMS
	416.4 TPY	Emission Cap	12-month, rolled monthly by CEMS
SO <sub>2</sub> <sup>b</sup>	1.4 lb/MWH (gross basis)	NSPS Subpart Da	30-boiler operating day rolling average basis by CEMS
	0.029 lb/MMBtu	Applicant Request	24-hour rolling by CEMS
	170.7 TPY	Emission Cap	12-month, rolled monthly by CEMS
SAM <sup>c</sup>	1.4 lb/hr	Rule 62-4.070(3), F.A.C.	Annual Stack Test
CO <sup>d</sup>	0.12/0.08 lb/MMBtu	BACT	30-day rolling by CEMS
	310 ppmvd @3% O <sub>2</sub>	NESHAP Subpart DDDDD	
HCl <sup>e, f</sup>	2.22 lb/hr	Applicant's Request	Annual Stack Test
	0.022 lb/MMBtu	NESHAP Subpart DDDDD	Stack Tests as Required by NESHAP Subpart DDDDD
HF <sup>e</sup>	2.22 lb/hr	Applicant's Request	Annual Stack Test
Mercury <sup>f</sup>	8.0 x 10 <sup>-7</sup> lb/MMBtu	NESHAP Subpart DDDDD	Stack Tests as Required by NESHAP Subpart DDDDD
PM/PM <sub>10</sub> (filterable) <sup>g</sup>	0.0098 lb/MMBtu	BACT, Subpart Da NESHAP Subpart DDDDD	Annual Stack Test
VE <sup>h</sup>	10% Opacity (20% once/hr)	BACT	6-minute blocks by COMS
VOC <sup>i</sup>	0.010/0.009 lb/MMBtu	BACT	Annual Stack Test
NH <sub>3</sub> Slip <sup>j</sup>	10 ppmvd @ 7% O <sub>2</sub>	Rule 62-210.650, F.A.C. Rule 62-4.070(3), F.A.C.	Annual Stack Test
<u>Heat Input/Steam Production Rate</u>	<u>930,000 lb</u> <del>1,358</del> <u>MMBtu/hr</u>	Rule 62-210.200(PTE), F.A.C.	4-hour average, <del>by 40 CFR 75, App. F,</del> <u>measured by the steam flow meter</u>

- a. lb/MWH means pounds per MW-hour (gross basis). lb/MMBtu means pounds per million Btu heat input. Emission cap for NO<sub>x</sub> ensures that GREC will not trigger PSD for this pollutant.
- b. Emission cap for SO<sub>2</sub> ensures that GREC will not trigger PSD for this pollutant.
- c. SAM mass rate emission limit provides reasonable assurance that annual emissions will be less than 7 TPY and PSD is not triggered for this pollutant.
- d. A CO limit of 0.12 lb/MMBtu on a rolling 30-day average applies from the startup of boiler operation through 360 calendar days after certification of the CO-CEMS. A CO limit of 0.08 lb/MMBtu applies thereafter. The NESHAP limit of 310 ppmvd @3% O<sub>2</sub> applies from the initial operation of the boiler.
- e. The hourly limits for HF and HCl are imposed at the Applicant's request. Compliance will be demonstrated with annual stack tests.
- f. Hg and HCl limits for Subpart DDDDD compliance. However, if the performance tests for at least 2 consecutive years show that the

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection B. Emissions Unit 002

emissions are at or below 75 percent of the emission limit (or, in limited instances as specified in Tables 1 and 2 or 11 through 13 of Subpart DDDDD, at or below the emission limit) for the pollutant, and if there are no changes in the operation of the BFB boiler or air pollution control equipment that could increase emissions, GREC may choose to conduct performance tests for the pollutant every third year. Each such performance test must be conducted no more than 37 months after the previous performance test.

- g. Filterable (F) fraction as measured by EPA Method 5. The Subpart DDDDD 0.0098 lb/MMBtu limit will ensure compliance with the previous BACT and NSPS Subpart Da limit of 0.015 lb/MMBtu.
- h. During startups, shutdowns and malfunction the following limits apply: 20% opacity (6-minute blocks) except for one 6-minute block per hour of 27%. Meeting this opacity standard provides assurance that the NSPS Subpart Da standard of no greater than 20 percent opacity (6-minute average), except for one 6-minute period per hour of not more than 27 percent opacity is met.
- i. A VOC limit of 0.010 lb/MMBtu applies from the startup of boiler operation through 360 calendar days after certification of the CO-CEMS. A VOC limit of 0.009 lb/MMBtu applies thereafter.
- j. Ammonia (NH<sub>3</sub>) slip in parts per million by dry volume at 7% oxygen (ppmvd @ 7% O<sub>2</sub>).

[Permit No. 0010131-003-AC (PSD-FL-411B); NSPS Subpart Da; Rule 62-4.070(3), 62-210.200(PTE) and 62-212.400 (BACT), F.A.C.; Final Order dated 12/27/2010; NESHAP 40 CFR 63, Subpart DDDDD]

#### Excess Emissions

Rule 62-210.700 (Excess Emissions), F.A.C. cannot vary any requirement of an NSPS, NESHAP or Acid Rain program provision.

**B.11. Malfunction Notifications.** In case of excess emissions resulting from malfunctions, permittee shall notify the Compliance Authority. If the permittee is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately (within one working day) notify the Compliance Authority. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the permittee's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules. If requested by the Compliance Authority, the permittee shall submit a quarterly written report describing the malfunction. [Rules 62-210.700(6) and 62-4.130, F.A.C.]

**B.12. Operating Procedures.** The emission standards established by this permit rely on "good combustion practices" (GCP) and add-on control equipment to reduce emissions. Therefore, all operators and supervisors shall be properly trained to operate and maintain the BFB boiler and pollution control systems in accordance with the guidelines and procedures established by each manufacturer. The training shall include GCP as well as methods of minimizing excess emissions. [Rule 62-4.070(3), F.A.C.]

**B.13. Excess Emissions.** As provided by the authority in Rule 62-210.700(5), F.A.C., the following conditions supersede the provisions in Rule 62-210.700(1), F.A.C.

- a. Cold Startup: Excess emissions resulting from a cold startup of the BFB boiler shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed 19 hours unless specifically authorized by the Department for longer duration.

*{Permitting note: A cold start-up of the BFB boiler is a complex procedure done infrequently and has an extended duration, because it is necessary to first heat the sand bed of the BFB boiler, bring the boiler up to its operational temperatures and pressures, and start-up the steam turbine-electric generator.}*

- b. Warm/Hot Startup: Excess emissions resulting from a warm/hot startup of the BFB boiler shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed 15 hours unless specifically authorized by the Department for longer duration. *{Permitting note: A warm/hot startup of the*

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### Subsection B. Emissions Unit 002

*BFB boiler means a resumption of operations when the unit is temporarily offline and the SCR catalyst temperature is less than 375°F., but the bubbling fluidized bed is still warm. A warm/hot startup is similar to a cold startup, but shorter in duration.*

- ~~b.c.~~ **Shutdown:** Excess emissions resulting from shutdown of the BFB boiler shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed 3 hours in any 24 hour period unless specifically authorized by the Department for longer duration.
- ~~e.d.~~ **Duration:** The combined duration of excess emissions from the BFB boiler during cold startup, warm/hot startup, and shutdown events shall not exceed 340 hours during any consecutive 12 month period.
- ~~d.e.~~ **Excess Emissions Prohibited:** Excess emissions caused entirely or in part by poor maintenance, poor operation or any other equipment or process failure that may reasonably be prevented during startup, shutdown or malfunction shall be prohibited.
- ~~e.f.~~ **Emission Limit Compliance and Excess Emission:** Data exclusions are allowed for calculation of the 24-hour ~~SIP-based~~ **NO<sub>x</sub> and SO<sub>2</sub> limits** and the 30-day ~~SIP-based~~ **CO limit**.
- ~~f.g.~~ **NO<sub>x</sub> and SO<sub>2</sub> Emission Caps:** No data exclusions are permissible when calculating the 12-month rolling total emissions of NO<sub>x</sub> and SO<sub>2</sub> emissions caps given in **Specific Condition B.10.** of this subsection.
- ~~g.h.~~ **Opacity:** During startup, shutdown and malfunctions, the stack opacity shall not exceed 20% based on 6-minute block averages, except for one 6-minute block per hour that shall not exceed 27% opacity.

[Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-210.700(5), 62-210.200(PTE), 62-212.400 (BACT) and 62-4.070(3), F.A.C.]

- B.14. NSPS and NESHAP Requirements.** NSPS Subpart Da emission limits apply at all-times except during periods of startup, shutdown, or malfunction. NESHAP Subpart DDDDD standards apply at all times the affected unit is operating, except during periods of startup and shutdown during which time you must comply only with the Work Practice Standards of Table 3 to the subpart. [§60.48Da(a) and §63.7500(f)]

#### **Monitoring of Operations**

- B.15. CAM Plan.** This emissions unit is subject to the Compliance Assurance Monitoring (CAM) requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), F.A.C. [40 CFR 64; Rules 62-204.800 and 62-213.440(1)(b)1.a., F.A.C.]
- B.16. Steam Parameters:** In accordance with the manufacturer's recommendations, the permittee shall calibrate, operate and maintain continuous monitoring and recording devices for the following parameters: steam temperature (°F), steam pressure (psig) and steam production rate (lb/hour). Records shall be maintained on site and made available upon request. [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070(3), 62-212.400 (BACT) and 62-210.200(PTE), F.A.C.]
- B.17. Pressure Drop:** The permittee shall maintain and calibrate a device which continuously measures and records the pressure drop across each baghouse compartment controlling the PM emissions from the BFB boiler. Records shall be maintained on site and made available upon request. [Permit No. 0010131-003-AC (PSD-FL-411B); Rule 62-4.070(3) and 62-212.400 (BACT) F.A.C.]
- B.18. Bag Leak Detection:** The permittee shall maintain continuous operation of bag leak detection systems on the BFB boiler baghouse including keeping records of the systems measurements. Baghouse leak detection

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection B. Emissions Unit 002

records shall be kept on site and made available upon request. The bag leak detection system shall be operated according to §63.7525(j). The BFB boiler baghouse shall be operated such that the bag leak detection system alert is not activated more than 5 percent of the operating time during each 6-month period. [Permit No. 0010131-003-AC (PSD-FL-411B); Rule 62-4.070(3) and 62-212.400 (BACT) F.A.C.; NESHAP Subpart DDDDD, Table 4]

#### **NSPS 40 CFR 60, Subpart Da Compliance Provisions**

- B.19.** NSPS Excess Emissions. For affected facilities for which construction, modification, or reconstruction commenced before May 4, 2011, the particulate matter emission standards under 40 CFR 60.42Da, the SO<sub>2</sub> emission standards under 60.43Da, and the NO<sub>x</sub> emissions standards under 40 CFR 60.44Da apply at all times except during periods of startup, shutdown, or malfunction. [40 CFR 60.48Da(a)]
- B.20.** Compliance Averages. For affected facilities for which construction, modification, or reconstruction commenced before May 4, 2011, compliance with applicable 30-boiler operating day rolling average SO<sub>2</sub> and NO<sub>x</sub> emissions limits is determined by calculating the arithmetic average of all hourly emissions rates for SO<sub>2</sub> and NO<sub>x</sub> for the 30 successive boiler operating days, except for data obtained during startup, shutdown, or malfunction. [40 CFR 60.48Da(d)]
- B.21.** Compliance Determinations NO<sub>x</sub>. To show compliance with the 1.0 lb/MWH (gross) NO<sub>x</sub> emission standard, the owner or operator shall calculate NO<sub>x</sub> emissions as  $1.194 \times 10^{-7}$  lb/scf-ppm times the average hourly NO<sub>x</sub> output concentration in ppm (measured according to the provisions of §60.49Da(c)), times the average hourly flow rate (measured in scfh, according to the provisions of §60.49Da(l) or §60.49Da(m)), divided by the average hourly gross energy output (measured according to the provisions of §60.49Da(k)) or the average hourly net energy output, as applicable. [40 CFR 60.48Da(i)]
- B.22.** Compliance Determinations SO<sub>2</sub>. To show compliance with the 1.4 lb/MWH (gross) SO<sub>2</sub> emission standard, the owner or operator shall calculate SO<sub>2</sub> emissions as  $1.660 \times 10^{-7}$  lb/scf-ppm times the average hourly SO<sub>2</sub> output concentration in ppm (measured according to the provisions of §60.49Da(b)), times the average hourly flow rate (measured according to the provisions of §60.49Da(l) or §60.49Da(m)), divided by the average hourly gross energy output (measured according to the provisions of §60.49Da(k)) or the average hourly net energy output, as applicable. [40 CFR 60.48Da(m)]
- B.23.** Compliance Determination Opacity. To show compliance with the opacity emission standard, the owner or operator of an affected facility subject to the opacity standard given in **Specific Condition 10** of this subsection shall monitor the opacity of emissions discharged from the affected facility to the atmosphere according to the requirements in §60.49Da(a), as applicable to the affected facility. [40 CFR 60.48Da(q)]
- B.24.** Insufficient Data. If the owner or operator has not obtained the minimum quantity of emission data as required under 40 CFR 60.49Da, compliance of the affected facility with the emission requirements under 40 CFR 60.43Da and 60.44Da for the day on which the 30-day period ends may be determined by the Administrator following the applicable procedures in section 7 of Method 19. [40 CFR 60.48Da(h)]

#### **NESHAP 40 CFR 63, Subpart DDDDD Compliance Provisions**

- B.25.** Demonstration of Compliance. You must demonstrate compliance with all applicable emission limits using performance stack testing, fuel analysis, or continuous monitoring systems (CMS), including a CEMS, COMS, continuous parameter monitoring system (CPMS), or particulate matter continuous parameter monitoring system (PM CPMS), where applicable. You may demonstrate compliance with the applicable emission limit for HCl, mercury, or total selected metals (TSM) using fuel analysis if the emission rate calculated according to §63.7530(c) is less than the applicable emission limit. Otherwise, you must demonstrate compliance for HCl, mercury, or TSM using performance testing, if subject to an applicable emissions limit listed in Tables 1, 2, or 11 through 13 to this subpart. [§63.7505(c)]

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection B. Emissions Unit 002

- B.26. Monitoring Plan.** If you demonstrate compliance with any applicable emission limit through performance testing and subsequent compliance with operating limits (including the use of CPMS), or with a CEMS, or COMS, you must develop a site-specific monitoring plan according to the requirements in paragraphs §63.7505(d)(1) through (4) of Subpart DDDDD for the use of any CEMS, COMS, or CPMS. This requirement also applies to you if you petition the EPA Administrator for alternative monitoring parameters under §63.8(f). [§63.7505(d)]
- B.27. Annual Compliance.** You must conduct all applicable performance tests according to §63.7520. on an annual basis, except as specified in paragraphs §63.7515(b) through (e), (g), and (h) of Subpart DDDDD. Annual performance tests must be completed no more than 13 months after the previous performance test, except as specified in paragraphs §63.7515(b) through (e), (g), and (h) of Subpart DDDDD. [§63.7515(a)]
- B.28. HCl Compliance.** If your unit is subject to a HCl emission limit in Tables 1, 2, or 11 through 13 of Subpart DDDDD and you have an acid gas wet scrubber or dry sorbent injection control technology and you use an SO<sub>2</sub> CEMS, you must install the monitor at the outlet of the boiler or process heater, downstream of all emission control devices, and you must install, certify, operate, and maintain the CEMS according to part 75 of this chapter. [§63.7525(m)]
- B.29. Subpart DDDDD Work Practice Standards.** GREC shall conduct a tune-up of the BFB boiler every 5 years as specified in §63.7540(a)(10). [NESHAP Subpart DDDDD, Table 3, Item 1]  
*{Permitting note: The BFB boiler is equipped with a continuous oxygen trim system that maintains an optimum air to fuel ratio}*
- B.30. 40 CFR 63 General Provisions.** Table 10 from Subpart DDDDD shows which parts of the General Provisions in §§63.1 through 63.15 apply to the GREC boiler. [§63.7565]

#### Continuous Emission Monitors

- B.31. Continuous Monitoring Requirements.** The permittee shall install, calibrate, maintain and operate CEMS, a COMS and a diluent monitor to measure and record the emissions of SO<sub>2</sub>, NO<sub>x</sub>, CO, opacity and carbon dioxide (CO<sub>2</sub>) or O<sub>2</sub>, respectively, from the BFB boiler stack in a manner sufficient to demonstrate continuous compliance with the CEMS-based and COMS-based emission standards in **Specific Condition B.10.** of this subsection Within one working day of discovering emissions in excess of a SO<sub>2</sub>, NO<sub>x</sub> or CO standard (and subject to the specified averaging period), the permittee shall notify the Compliance Authority. The permittee shall comply with the CEMS requirements specified in **Appendix CEMS of Section VI** of this permit.
- SO<sub>2</sub> CEMS:** The SO<sub>2</sub> CEMS shall be certified, operated, and maintained in accordance with the requirements of 40 CFR 75. Record keeping and reporting shall be conducted pursuant to Subpart Da in 40 CFR 60 and Subparts F and G in 40 CFR 75.
  - NO<sub>x</sub> CEMS:** The NO<sub>x</sub> CEMS shall be certified, operated, and maintained in accordance with the requirements of 40 CFR 75. Recordkeeping and reporting shall be conducted pursuant to Subpart Da in 40 CFR 60 and Subparts F and G in 40 CFR 75.
  - CO CEMS:** The CO CEMS shall be certified pursuant to 40 CFR 60, Appendix B, Performance Specification 4 or 4A. Quality assurance procedures shall conform to the requirements of 40 CFR 60, Appendix F, and the Data Assessment Report of Section 7 shall be made each calendar quarter, and reported semiannually to the Compliance Authority. The RATA tests required for the CO monitor shall be performed using EPA Method 10 in Appendix A of 40 CFR 60. The CO monitor span values shall be set appropriately, considering the allowable methods of operation and corresponding emission standards.
  - COMS:** In accordance with 60.48Da(o)(2)(i) the permittee shall install, calibrate, operate and maintain a COMS to continuously monitor and record opacity from the steam generating unit. The COMS shall be certified pursuant to 40 CFR 60 Appendix B, Performance Specification 1.

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection B. Emissions Unit 002

- e. *Diluent Monitor:* The O<sub>2</sub> or CO<sub>2</sub> content of the flue gas shall be monitored at the locations where CO, SO<sub>2</sub> and NO<sub>x</sub>, are monitored. Each monitor shall comply with the performance and quality assurance requirements of 40 CFR 75.

[Permit No. 0010131-003-AC (PSD-FL-411B); Rule 62-4.070(3), and 62-212.400 (BACT), F.A.C.; 40 CFR 60, Subpart Da and Appendices; and 40 CFR 75, Subpart F and G]

#### **NSPS 40 CFR 60, Subpart Da CEMS Requirements**

- B.32. SO<sub>2</sub> Requirements.** For a facility that qualifies under the numerical limit provisions of §60.43Da, SO<sub>2</sub> emissions are only monitored as discharged to the atmosphere.
- If the owner or operator has installed and certified a SO<sub>2</sub> CEMS according to the requirements of §75.20(c)(1) of this chapter and appendix A to part 75 of this chapter, and is continuing to meet the ongoing quality assurance requirements of §75.21 of this chapter and appendix B to part 75 of this chapter, that CEMS may be used to meet the requirements of this section.
  - The SO<sub>2</sub> CEMS shall be operated and data recorded during all periods of operation of the affected facility including periods of startup, shutdown, and malfunction, except for CEMS breakdowns, repairs, calibration checks, and zero and span adjustments.
- [§60.49Da(b)(1) and (4) and (e), Emission Monitoring]
- B.33. NO<sub>x</sub> Requirements.** The owner or operator of an affected facility shall install, calibrate, maintain, and operate a CEMS, and record the output of the system, for measuring NO<sub>x</sub> emissions discharged to the atmosphere. If the owner or operator has installed a NO<sub>x</sub> emission rate CEMS to meet the requirements of part 75 of this chapter and is continuing to meet the ongoing requirements of part 75 of this chapter, that CEMS may be used to meet the requirements of this Subpart Da, except that the owner or operator shall also meet the requirements of §60.51Da. Data reported to meet the requirements of §60.51Da shall not include data substituted using the missing data procedures in subpart D of part 75 of this chapter, nor shall the data have been bias adjusted according to the procedures of part 75 of this chapter.
- The NO<sub>x</sub> CEMS shall be operated and data recorded during all periods of operation of the affected facility including periods of startup, shutdown, and malfunction, except for CEMS breakdowns, repairs, calibration checks, and zero and span adjustments.
- [§60.49Da(c) and (e) Emission Monitoring]

#### **NESHAP 40 CFR 63, Subpart DDDDD CEMS Requirements**

- B.34. CO CEMS.** If your boiler or process heater is subject to a CO emission limit in Tables 1, 2, or 11 through 13 of Subpart DDDDD, you must install, operate, and maintain an oxygen analyzer system, as defined in §63.7575, or install, certify, operate and maintain CEMS for CO and oxygen according to the procedures in paragraphs §63.7525(a)(1) through (7) of Subpart DDDDD. [§63.7525(a)]
- B.35. Monitoring Plan.** You must monitor and collect data according to section §63.7535 of Subpart DDDDD and the site-specific monitoring plan required by **Specific Condition B.26.** [§63.7535(a)]
- B.36. Operation of the Monitoring System.** You must operate the monitoring system and collect data at all required intervals at all times that each boiler or process heater is operating and compliance is required, except for periods of monitoring system malfunctions or out of control periods (see §63.8(c)(7) of this part), and required monitoring system quality assurance or control activities, including, as applicable, calibration checks, required zero and span adjustments, and scheduled CMS maintenance as defined in your site-specific monitoring plan. A monitoring system malfunction is any sudden, infrequent, not reasonably preventable failure of the monitoring system to provide valid data. Monitoring system failures that are caused in part by poor maintenance or careless operation are not malfunctions. You are required to complete monitoring system repairs in response to monitoring system malfunctions or out-of-control periods and to return the monitoring system to operation as expeditiously as practicable. [§63.7535(b)]

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection B. Emissions Unit 002

- B.37.** Monitoring System Malfunctions. You may not use data recorded during monitoring system malfunctions or out-of-control periods, repairs associated with monitoring system malfunctions or out-of-control periods, or required monitoring system quality assurance or control activities in data averages and calculations used to report emissions or operating levels. You must record and make available upon request results of CMS performance audits and dates and duration of periods when the CMS is out of control to completion of the corrective actions necessary to return the CMS to operation consistent with your site-specific monitoring plan. You must use all the data collected during all other periods in assessing compliance and the operation of the control device and associated control system. [§63.7535(c)]
- B.38.** Failure to Collect Data. Except for periods of monitoring system malfunctions, repairs associated with monitoring system malfunctions, and required monitoring system quality assurance or quality control activities (including, as applicable, system accuracy audits, calibration checks, and required zero and span adjustments), failure to collect required data is a deviation of the monitoring requirements. In calculating monitoring results, do not use any data collected during periods when the monitoring system is out of control as specified in your site-specific monitoring plan, while conducting repairs associated with periods when the monitoring system is out of control, or while conducting required monitoring system quality assurance or quality control activities. You must calculate monitoring results using all other monitoring data collected while the process is operating. You must report all periods when the monitoring system is out of control in your annual report. [§63.7535(d)]
- B.39.** Demonstration of Continuous Compliance. You must demonstrate continuous compliance with each emission limit in Tables 1 and 2 or 11 through 13 in Subpart DDDDD, the work practice standards in Table 3 in Subpart DDDDD, and the operating limits in Table 4 in Subpart DDDDD that applies to you according to the methods specified in Table 8 in Subpart DDDDD and paragraphs §63.7540 (a)(1) through (19) of Subpart DDDDD. [§63.7540(a)]
- B.40.** Emission Exceedance. You must report each instance in which you did not meet each emission limit and operating limit in Tables 1 through 4 or 11 through 13 in Subpart DDDDD that apply to you. These instances are deviations from the emission limits or operating limits, respectively, in Subpart DDDDD. These deviations must be reported according to the requirements in **Specific Condition B.54.** [§63.7540(b)]
- B.41.** Work Practice Standards. For startup and shutdown, you must meet the work practice standards according to item 5 of Table 3 of this subpart. [§63.7540(d)]

#### Test Requirements

- B.42.** Subpart Da PM Testing Requirements. In conducting the performance tests to determine compliance with the PM emissions limits in §60.42Da, the owner or operator shall meet the requirements specified below.
- (1) The owner or operator shall measure filterable PM to determine compliance with the applicable PM emissions limit in §60.42Da as specified in paragraphs (1)(i) through (ii) of this section.
    - (i.) The dry basis F factor (O<sub>2</sub>) procedures in Method 19 of appendix A of this part shall be used to compute the emission rate of PM.
    - (ii.) For the PM concentration, Method 5 of appendix A of this part shall be used for an affected facility that does not use a wet FGD. For an affected facility that uses a wet FGD, Method 5B of appendix A of this part shall be used downstream of the wet FGD.
      - A. The sampling time and sample volume for each run shall be at least 120 minutes and 1.70 dscm (60 dscf). The probe and filter holder heating system in the sampling train may be set to provide an average gas temperature of no greater than 160 ±14 °C (320 ±25 °F).



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- B. For each particulate run, the emission rate correction factor, integrated or grab sampling and analysis procedures of Method 3B of appendix A of this part shall be used to determine the O<sub>2</sub> concentration. The O<sub>2</sub> sample shall be obtained simultaneously with, and at the same traverse points as, the particulate run. If the particulate run has more than 12 traverse points, the O<sub>2</sub> traverse points may be reduced to 12 provided that Method 1 of appendix A of this part is used to locate the 12 O<sub>2</sub> traverse points. If the grab sampling procedure is used, the O<sub>2</sub> concentration for the run shall be the arithmetic mean of the sample O<sub>2</sub> concentrations at all traverse points.
- (2) Method 9 of appendix A of this part and the procedures in §60.11 shall be used to determine opacity.

[§60.50Da(b)(1) and (3) Compliance Determination Procedures and Methods.]

- B.43. Subpart DDDDD Performance Tests.** You must conduct all performance tests according to §63.7(c), (d), (f), and (h). You must also develop a site-specific stack test plan according to the requirements in §63.7(c). You shall conduct all performance tests under such conditions as the Administrator specifies to you based on the representative performance of each boiler or process heater for the period being tested. Upon request, you shall make available to the Administrator such records as may be necessary to determine the conditions of the performance tests.
- You must conduct each performance test according to the requirements in Table 5 of Subpart DDDDD
  - You must conduct each performance test under the specific conditions listed in Tables 5 and 7 of Subpart DDDDD. You must conduct performance tests at representative operating load conditions while burning the type of fuel or mixture of fuels that has the highest content of chlorine and mercury. Following each performance test and until the next performance test, you must comply with the operating limit for operating load conditions specified in Table 4 of Subpart DDDDD.
  - You must conduct a minimum of three separate test runs for each performance test required in this section, as specified in §63.7(e)(3). Each test run must comply with the minimum applicable sampling times or volumes specified in Tables 1 and 2 or 11 through 13 of Subpart DDDDD.
  - To determine compliance with the emission limits, you must use the F-Factor methodology and equations in sections 12.2 and 12.3 of EPA Method 19 at 40 CFR 60, appendix A-7 of this chapter to convert the measured PM concentrations, the measured HCl concentrations, the measured mercury concentrations, and the measured TSM concentrations that result from the performance test to lb/MMBtu heat input emission rates.
  - Except for a 30-day rolling average based on CEMS (or sorbent trap monitoring system) data, if measurement results for any pollutant are reported as below the method detection level (e.g., laboratory analytical results for one or more sample components are below the method defined analytical detection level), you must use the method detection level as the measured emissions level for that pollutant in calculating compliance. The measured result for a multiple component analysis (e.g., analytical values for multiple Method 29 fractions both for individual HAP metals and for total HAP metals) may include a combination of method detection level data and analytical data reported above the method detection level.

[§63.7520]

- B.44. Boiler Efficiency Test/Heat Input Rate Calculation.** ~~Prior to the renewal of this Title V renewal permit, the BFB boiler shall be tested using ASME PTC 4 test method to determine the efficiency of the boiler. The efficiency test report shall be submitted to the department for review. Section 5 of Appendix F of 40 CFR 75 provides a methodology for calculation of the heat input rate to a boiler using F-Factors. The applicable portions of 40 CFR 75 for the calculation of the heat input rate to the biomass BFB boiler at the GREC facility is contained in Appendix F of Section VI of this permit. This procedure shall be used~~

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**Subsection B. Emissions Unit 002**

~~to calculate the heat input rate in MMBtu/hr to the BFB boiler when using clean woody biomass as its primary fuel and natural gas as a startup fuel. [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070(3) and 62-212.400 (BACT) F.A.C.; and 40 CFR 75, Appendix F]~~

**B.45. Annual Stack Tests.** In accordance with test methods specified in this permit, the BFB boiler stack shall be tested during each federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>) to demonstrate compliance with the emission standards for NH<sub>3</sub> slip, PM (F), VOC, SAM, HCl (in units of lb/hr and lb/MMBtu), HF (in units of lb/hr) and opacity. Compliance stack tests for HCl (in units of lb/MMBtu) shall be conducted as required by NESHAPs Subpart DDDDD. Tests shall be conducted between 90 and 100% of the maximum ~~permitted capacity~~ ~~heat input rate~~ when firing woody biomass fuel. CEMS data for CO, NO<sub>x</sub> and SO<sub>2</sub> along with COMS data for opacity shall be reported for each run of the required tests for NH<sub>3</sub>, VOC, SAM and PM. The BFB boiler was required to conduct initial stack tests for NH<sub>3</sub>, filterable PM (F), VOC, SAM, opacity, HCl, and HF. The Department may require the permittee to repeat some or all of these initial stack tests after major replacement or major repair of any air pollution control or process equipment. [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-212.400(5)(c), 62-212.400 (BACT) and 62-297.310(7)(a) and (b), F.A.C.; and 40 CFR 60.8]and 40 CFR 60.8]

**Test Methods and Procedures**

*{Permitting Note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}*

**B.46. Test Methods.** When required, tests shall be performed in accordance with the following reference methods:

<b>EPA Method</b>	<b>Description of Method and Comments</b>
CTM-027	Measurement of NH <sub>3</sub> Slip
320	Measurement of Vapor Phase Organic and Inorganic Emissions by Extractive Fourier Transform Infrared (FTIR) Spectroscopy
1 - 4	Determination of Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content <i>{Notes: Methods shall be performed as necessary to support other methods.}</i>
5, 5B, 17	Measurement of PM
6C	Measurement of SO <sub>2</sub> Emissions (Instrumental)
7E	Measurement of NO <sub>x</sub> Emissions (Instrumental)
8A	Determination of Sulfuric Acid and Sulfur Dioxide Emissions
9	Visual Determination of the Opacity
10	Measurement of CO Emissions (Instrumental) <i>{Note: The method shall be based on a continuous sampling train.}</i>
18	Measurement of Gaseous Organic Compound Emissions (Gas Chromatography) <i>{For concurrent use with EPA Method 25A to deduct emissions of methane and ethane from the total hydrocarbon (THC) emissions measured by Method 25A.}</i>
19	Calculation Method for NO <sub>x</sub> , PM, and SO <sub>2</sub> Emission Rates
25	Determination of Total Gaseous Nonmethane Organic Emissions as Carbon
25A	Measurement of Gaseous Organic Concentrations (Flame Ionization)
26, 26A	Determination of HCl and HF Emissions from Stationary Sources
29	Metals Emissions from Stationary Sources
30B	Determination of Mercury from Coal-Fired Combustion Sources Using Carbon Sorbent Traps

### SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

#### Subsection B. Emissions Unit 002

201, 201A	Measurement of PM <sub>10</sub>
202	Determining Condensable Particulate Emissions from Stationary Sources
<a href="#">ASME PTC 4</a>	<a href="#">Boiler Efficiency Test Method</a>
1. Method CTM-027 is published on EPA's Technology Transfer Network Web Site at <a href="http://www.epa.gov/ttn/emc/ctm.html">http://www.epa.gov/ttn/emc/ctm.html</a> . The other methods are specified in Appendix A of 40 CFR 60, adopted by reference in Rule 62-204.800, F.A.C.	

[Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-204.800, F.A.C.; 40 CFR 60, Appendix A; and Final Order dated 12/27/2010]

- B.47. Common Testing Requirements.** Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.]

#### **Recordkeeping and Reporting Requirements**

- B.48. Other Reporting Requirements.** See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements. [Rule 62-213.440(1)(b), F.A.C.]
- B.49. Stack Test Reports.** In addition to the information required in Rule 62-297.310(8), F.A.C., each stack test report shall also include the following information: steam production rate (lb/hour), heat input rate (MMBtu/hour) [based on the boiler efficiency calculation](#), calculated authorized fuels firing rate (tons/hour and cubic feet per minute as appropriate), and emission rates (ammonia (NH<sub>3</sub>) slip in ppmvd @ 7% oxygen; PM (F), VOC, SAM, opacity, HF and HCl in appropriate units). The annual stack test reports shall include the hourly emission rates for HF and HCl. [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-210.300(2)(a), 62-297.310(7)(a), 62-4.070(3) and 62-212.400 (BACT) F.A.C.]
- B.50. Monthly Operations Summary.** By the tenth calendar day of each month, the permittee shall record the following for each fuel used in the BFB biomass boiler in a written or electronic log for the previous month of operation: hours of operation, tons of clean woody biomass and cubic feet of natural gas; pounds of steam per month; total [steam production](#)~~heat input~~ rate; and the updated 12-month rolling totals for each of these operating parameters. In addition, the hourly [steam production](#)~~heat input~~ rate to the BFB biomass boiler shall be recorded and reported. The Monthly Operations Summary shall be maintained on site and made available for inspection when requested by the Department. [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070(3) and 62-212.400 (BACT) F.A.C.]
- B.51. Quarterly CO, NO<sub>x</sub>, SO<sub>2</sub>, and Opacity Emissions Report:** Within 30 days following the end of each quarter, the permittee shall submit a report to the Compliance Authority summarizing CO, NO<sub>x</sub>, SO<sub>2</sub> and opacity emissions including periods of startups, shutdowns, malfunctions, and CEMS and COMS systems monitor availability for the previous quarter. If NO<sub>x</sub> and SO<sub>2</sub> CEMS data or opacity COMS data is excluded from a compliance determination during the quarter due to a malfunction, the permittee shall include a description of the malfunction, the actual emissions recorded, and the actions taken to correct the malfunction. See Appendix RR of this permit for the reporting format. [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070(3), 62-4.130, 62-212.400 (BACT) and 62-213.440(1), F.A.C.]
- B.52. Subpart Da Reporting Requirements.** For SO<sub>2</sub>, NO<sub>x</sub>, PM, and NO<sub>x</sub> plus CO emissions, the performance test data from the initial and subsequent performance test and from the performance evaluation of the continuous monitors (including the transmissometer) must be reported to the Administrator as follows.
- (a) For SO<sub>2</sub> and NO<sub>x</sub> the following information is reported to the Administrator for each 24-hour period.
- (1) Calendar date.

### SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

#### Subsection B. Emissions Unit 002

- (2) The average SO<sub>2</sub> and NO<sub>x</sub> emission rates (ng/J, lb/MMBtu, or lb/MWh) for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the emission standards; and, description of corrective actions taken.
  - (3) For owners or operators of affected facilities complying with the percent reduction requirement, percent reduction of the potential combustion concentration of SO<sub>2</sub> for each 30 successive boiler operating days, ending with the last 30-day period in the quarter; reasons for non-compliance with the standard; and, description of corrective actions taken.
  - (4) Identification of the boiler operating days for which pollutant or diluent data have not been obtained by an approved method for at least 75 percent of the hours of operation of the facility; justification for not obtaining sufficient data; and description of corrective actions taken.
  - (5) Identification of the times when emissions data have been excluded from the calculation of average emission rates because of startup, shutdown, or malfunction.
  - (6) Identification of “F” factor used for calculations, method of determination, and type of fuel combusted.
  - (7) Identification of times when hourly averages have been obtained based on manual sampling methods.
  - (8) Identification of the times when the pollutant concentration exceeded full span of the CEMS.
  - (9) Description of any modifications to CEMS which could affect the ability of the CEMS to comply with Performance Specifications 2 or 3.
- (b) If the minimum quantity of emission data as required by §60.49Da is not obtained for any 30 successive boiler operating days, the following information obtained under the requirements of §60.48Da(h) is reported to the Administrator for that 30-day period:
- (1) The number of hourly averages available for outlet emission rates (no) and inlet emission rates (ni) as applicable.
  - (2) The standard deviation of hourly averages for outlet emission rates (so) and inlet emission rates (si) as applicable.
  - (3) The lower confidence limit for the mean outlet emission rate (Eo\*) and the upper confidence limit for the mean inlet emission rate (Ei\*) as applicable.
  - (4) The applicable potential combustion concentration.
  - (5) The ratio of the upper confidence limit for the mean outlet emission rate (Eo\*) and the allowable emission rate (Estd) as applicable.
- (c) In addition to the applicable requirements in §60.7, the owner or operator of an affected facility subject to the opacity limits in §60.43c(c) and conducting performance tests using Method 9 of appendix A-4 of this part shall submit excess emission reports for any excess emissions from the affected facility that occur during the reporting period and maintain records according to the requirements specified in paragraph (1)(1) of this section.
- (1) For each performance test conducted using Method 9 of appendix A-4 of this part, the owner or operator shall keep the records including the information specified below.
    - (i.) Dates and time intervals of all opacity observation periods;
    - (ii.) Name, affiliation, and copy of current visible emission reading certification for each visible emission observer participating in the performance test; and
    - (iii.) Copies of all visible emission observer opacity field data sheets.
- (d) For any periods for which opacity, SO<sub>2</sub> or NO<sub>x</sub> emissions data are not available, the owner or operator of the affected facility shall submit a signed statement indicating if any changes were

### SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

#### Subsection B. Emissions Unit 002

made in operation of the emission control system during the period of data unavailability. Operations of the control system and affected facility during periods of data unavailability are to be compared with operation of the control system and affected facility before and following the period of data unavailability.

- (e) The owner or operator of the affected facility shall submit a signed statement indicating whether:
  - (1) The required CEMS calibration, span, and drift checks or other periodic audits have or have not been performed as specified.
  - (2) The data used to show compliance was or was not obtained in accordance with approved methods and procedures of this part and is representative of plant performance.
  - (3) The minimum data requirements have or have not been met; or, the minimum data requirements have not been met for errors that were unavoidable.
  - (4) Compliance with the standards has or has not been achieved during the reporting period.
- (f) For the purposes of the reports required under §60.7, periods of excess emissions are defined as all 6-minute periods during which the average opacity exceeds the applicable opacity standards under §60.42Da(b). Opacity levels in excess of the applicable opacity standard and the date of such excesses are to be submitted to the Administrator each calendar quarter.
- (g) The owner or operator of an affected facility shall submit the written reports required under this section and subpart A to the Administrator semiannually for each six-month period. All semiannual reports shall be postmarked by the 30th day following the end of each six-month period.
- (h) The owner or operator of an affected facility may submit electronic quarterly reports for SO<sub>2</sub> and/or NO<sub>x</sub> and/or opacity in lieu of submitting the written reports. The format of each quarterly electronic report shall be coordinated with the permitting authority. The electronic report(s) shall be submitted no later than 30 days after the end of the calendar quarter and shall be accompanied by a certification statement from the owner or operator, indicating whether compliance with the applicable emission standards and minimum data requirements of this subpart was achieved during the reporting period.

[§60.51Da Reporting Requirements, (a), (b), (c), (d), (f), (h), (i), (j) and (k)]

**B.53. Subpart Da Recordkeeping Requirements.** The owner or operator of an affected facility subject to the opacity limits that elects to monitor emissions according to the requirements in §60.49Da(a)(3) shall maintain records according to the requirements specified in paragraphs below.

- (a) For each performance test conducted using Method 9 of appendix A-4 of this part, the owner or operator shall keep the records including the information specified in paragraphs (a)(1) through (3) of this section.
  - 1. Dates and time intervals of all opacity observation periods;
  - 2. Name, affiliation, and copy of current visible emission reading certification for each visible emission observer participating in the performance test; and
  - 3. Copies of all visible emission observer opacity field data sheets;
- (b) For each performance test conducted using Method 22 of appendix A-4 of this part, the owner or operator shall keep the records including the information specified in paragraphs (b)(1) through (4) of this section.
  - 1. Dates and time intervals of all visible emissions observation periods;
  - 2. Name and affiliation for each visible emission observer participating in the performance test;
  - 3. (Copies of all visible emission observer opacity field data sheets; and

### SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

#### Subsection B. Emissions Unit 002

4. Documentation of any adjustments made and the time the adjustments were completed to the affected facility operation by the owner or operator to demonstrate compliance with the applicable monitoring requirements.
- (c) For each digital opacity compliance system, the owner or operator shall maintain records and submit reports according to the requirements specified in the site-specific monitoring plan approved by the Administrator.

[§60.52Da Recordkeeping Requirements, (b) and (b)]

- B.54.** Subpart DDDDD Reports. You must submit each report in Table 9 in Subpart DDDDD that applies to you. Reports shall be submitted meeting the requirements of §63.7550(b), (c), (d), (e) and (h) of Subpart DDDDD. [§63.7550]
- B.55.** Subpart DDDDD Recordkeeping. You must keep records according to paragraphs §63.7555(a)(1) and (2) of Subpart DDDDD. You must keep the records required in Table 8 in Subpart DDDDD including records of all monitoring data and calculated averages for applicable operating limits, such as opacity, pressure drop, pH, and operating load, to show continuous compliance with each emission limit and operating limit that applies to you. For each boiler or process heater subject to an emission limit in Tables 1, 2, or 11 through 13 in Subpart DDDDD, you must also keep the applicable records in paragraphs §63.7555(d)(1) through (11) of Subpart DDDDD. [§63.7555(a), (c), and (d)]

#### Other Requirements

- B.56.** NO<sub>x</sub> and SO<sub>2</sub> Emission Caps. *By April 1<sup>st</sup> of each year*, the permittee shall report the BFB boiler's annual NO<sub>x</sub> and SO<sub>2</sub> emissions in the Annual Operating Report to demonstrate compliance with the annual NO<sub>x</sub> and SO<sub>2</sub> emissions caps of 416.4 and 170.7 TPY, respectively, based on CEMS data. If the boiler annual NO<sub>x</sub> or SO<sub>2</sub> emission caps are exceeded, the permittee shall notify the Compliance Authority within three working days of discovery. [Permit No. 0010131-003-AC (PSD-FL-4111B); Rules 62-4.070(3) and 62-212.400 (BACT) F.A.C.]

#### GREC Settlement Agreement

- B.57.** **Not federally enforceable.** Settlement Agreement Requirements: Appendix AS in Section VI of this permit contains additional air quality commitments from the settlement agreement (DOAH Case No. 10-7281) reached between GREC and non-Department parties.
- {Permitting Note: The provisions in this agreement are not required by any federal or state laws and are not federally enforceable; however, the agreement is enforceable by the participating parties of the agreement.}*

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection C. Emissions Unit 003**

**Subsection C. The specific conditions in this section apply to the following emissions unit:**

<b>EU ID No.</b>	<b>Brief Description</b>
003	Ash handling, storage and shipment

Approximately two thirds of ash created by the combustion of biomass fuel will exit the BFB boiler as fly ash with the remaining third leaving as bottom ash. The design maximum process throughput rates are 27,594 TPY of fly ash and 13,140 TPY of bottom ash.

- *Fly Ash:* Fly ash from the boiler convective pass and fabric filter baghouse hoppers is collected dry and transported pneumatically to a single fly ash storage silo by means of two vacuum blowers. The transferred fly ash is first passed through a receiver/collector that separates the fly ash from the conveying air stream. The separated fly ash then flows through an air lock valve into the storage silo, which shall be vented through a baghouse for control of PM emissions. From the silo, the fly ash is then either stabilized using water in a pug mill or loaded dry into a receiving truck. For the fly ash stabilization case, fly ash and water is mixed in a pug mill and then transferred via a chute into covered trucks and then hauled offsite for reuse or disposal. During the dry transfer of fly ash, an enclosed process is utilized to transfer ash from the silo through a chute into sealed trucks.
- *Bottom Ash:* Bottom ash from the bed primarily consists of noncombustible material (i.e., rocks, glass, sand, metal) contained in the biomass fuel. The coarse bottom ash is removed from the BFB boiler through ash hoppers and chutes. Coarse material fall from the bed into the ash hoppers, which form a gas tight seal with the furnace bottom. The coarse material is then sieved in a rotating screen prior to being conveyed to the bottom ash container. The contents of the bottom ash container is taken offsite for disposal in a properly licensed landfill.

*{Permitting Note: In the following discussion of the ash handling, storage and shipment emission unit, the term baghouse as a PM control device can also mean bin vent filter. A bin vent filter employs similar filtration technology to a baghouse.}*

**Equipment**

- C.1. Equipment.** The permittee is authorized to operate and maintain an ash handling, storage and shipment emission unit, which consists of ash (fly and bottom) handling, storage and shipment systems containing the following equipment:
- a. *Fly Ash Handling:* The fly ash handling system consisting of totally enclosed hoppers and drop points associated with the collection and transfer of fly ash from the baghouse used to control PM emissions from the BFB biomass boiler to a storage silo.
  - b. *Fly Ash Storage:* A fly ash storage system consisting of a storage silo and baghouse to control PM emissions.
  - c. *Pug Mill:* A pug mill to stabilize the fly ash with water before loading into a covered truck for shipment off site.
  - d. *Fly Ash Shipment:* The fly ash shipment system consisting of the drop points, conditioner and chutes associated with the transfer of the wet or dry fly ash from the storage silo to trucks for shipment.
  - e. *Bottom Ash Handling and Shipment:* The bottom ash handling and shipment system consisting of the hoppers, drop points, collecting conveyor and transfer conveyor associated with the collection, transfer and shipment of bottom ash from the BFB biomass boiler.

[Permit No. 0010131-003-AC (PSD-FL-411B)]

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection C. Emissions Unit 003

#### Essential Potential to Emit (PTE) Parameters

- C.2.** Hours of Operation. The hours of operation of this emissions unit are not limited (i.e., unrestricted at 8,760 hours per year).
- C.3.** Fly Ash Handling and Storage. The fly ash handling system has a maximum design transfer rate of 3.2 TPH with a maximum annual design transfer rate of 27,594 TPY.
- C.4.** Bottom Ash Handling. The bottom ash handling system has a maximum design transfer rate of 1.5 TPH with a maximum annual design transfer rate of 13,140 TPY.
- C.5.** Ash Handling, Storage and Shipment. The overall ash handling, storage and shipment system (EU-003) has a maximum annual design transfer rate of 40,734 TPY.

[Permit No. 0010131-003-AC (PSD-FL-411B) and Rules 62-210.200(PTE) and 62-212.400 (BACT), F.A.C.]

#### Emission Limitations and Standards

- C.6.** VE Standard. As determined by EPA Method 9, there shall be no visible emissions greater than 10% opacity, except for one 6 minute period no greater than 20% from the bottom and fly ash conveyors, transfer points, drop points, hoppers, chutes and dust collectors.  
[Rules 62-4.070, 62-212.400 (BACT), F.A.C.]
- C.7.** Fly Ash Silo Baghouse PM Emission Standard. PM emissions from the baghouse of the fly ash silo shall not exceed 0.015 gr/dscf. [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070(3), 62-212.400 (BACT), 62-210.200(PTE) and 62-4.070, F.A.C.]
- C.8.** Baghouse PM Standard by Opacity Measurement. A visible emission reading of 5% opacity or less may be used to demonstrate compliance with the PM emission standard in **Specific Condition C.7.** above. A visible emission reading greater than 5% opacity will require the permittee to perform a PM emissions stack test within 60 days to show compliance with the PM standard.  
[Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070 and 62-212.400 (BACT) F.A.C.]
- C.9.** Best Management Practices to Control Unconfined Emissions of PM. To ensure the emission standards with regard to opacity and PM of this subsection are complied with, the procedures set forth in **Specific Condition FW5** of **Section II** of this permit, "Unconfined Emissions of Particulate Matter," shall be adhered to where practical and cost effective. In addition, the procedures set forth in the BMP Plan contained in **Appendix BMP in Section VI** of this permit with regard to fugitive emissions shall be adhered to. [Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-4.070, 62-296.320 and 62-212.400 (BACT) F.A.C.]

#### Test Methods and Procedures

- C.10.** Annual Compliance Test. During each federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>), the fly ash dust collectors associated with this emission unit shall be tested to demonstrate compliance with the VE emissions standards specified in **Specific Condition C.6.** of this subsection. During each federal fiscal year (October 1<sup>st</sup> to September 30<sup>th</sup>), the fly ash silo baghouse associated with this emission unit shall be tested to demonstrate compliance with the VE emissions standard specified in **Specific Condition C.8.** of this subsection. [Rules 62-297.310(7)(a)4, 62-212.400 (BACT) and 62-4.070(3), F.A.C.]
- C.11.** Fly Ash Silo PM Compliance Test. The annual VE tests in **Specific Condition C.10.** of this subsection with regard to the fly ash silo baghouse shall serve as a surrogate for the PM emissions tests. If the VE emissions standard in **Specific Condition C.8.** of this subsection is not met for the fly ash silo baghouse, a PM test utilizing EPA Method 5 must be conducted on the baghouse stack to show compliance with the PM emissions standard in **Specific Condition C.7.** of this subsection within 60 days of the VE test. [Rule 62-297.620(4), F.A.C.]



**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

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**Subsection C. Emissions Unit 003**

**C.12. Test Methods.** Any required tests shall be performed in accordance with the following methods.

<b>Method</b>	<b>Description of Method and Comments</b>
EPA 5	Determination of Particulate Emissions. The minimum sample volume shall be 30 dry standard cubic feet.
EPA 9	Method 9 - Visual Determination of the Opacity of Emissions from Stationary Sources

[Permit No. 0010131-003-AC (PSD-FL-411B); Rules 62-204.800, F.A.C.; and 40 CFR 60, Appendix A]

**Recordkeeping and Reporting Requirements**

**C.13. Test Reports.** The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in **Appendix TR** (Common Testing Requirements) in **Section VI** of this permit. For each test run, the report shall also indicate the operating rate. [Rule 62-297.310(8), F.A.C.]

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection D. Emissions Unit 005**

**Subsection E. The specific conditions in this section apply to the following emissions unit:**

<b>EU ID No.</b>	<b>Brief Description</b>
005	One emergency generator diesel engine

The emergency generator diesel engine has a maximum design engine output rating of 1,220 horsepower (hp); equivalent to an engine output rating of 910 kilowatts (kW).

**NSPS and NESHAP Applicability**

**D.1. NSPS Subpart IIII Applicability** The emergency generator diesel engine is a Stationary Compression Ignition Internal Combustion Engine (Stationary ICE) and shall comply with applicable provisions of 40 CFR 60, Subpart IIII, including emission testing or certification. The permittee shall comply with 40 CFR 60, Subpart IIII only to the extent that the regulations apply to the diesel engine and its operations (e.g. non-road, emergency, displacement, capacity and model year selected). Excerpts of the applicable requirements from Subpart IIII are contained in this subsection while the entire subpart is provided in **Appendix IIII in Section VI** of this permit. [40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines]

*{Permitting Note: The requirements of Subpart IIII are provided for clarity and convenience in this subsection. However, if all the applicable requirements from the subpart are not contained in this subsection, the permittee is still subject to the omitted requirements.}*

**D.2. NESHAPS Subpart ZZZZ Applicability**. The emergency generator diesel engine is a Liquid Fueled Reciprocating Internal Combustion Engine (RICE) and shall comply with applicable provisions of 40 CFR 63, Subpart ZZZZ. Pursuant to 40 CFR 63.6590(c) the emergency generator diesel engine must meet the requirements of Subpart ZZZZ by meeting the requirements of 40 CFR 60, Subpart IIII. No further requirements of Subpart ZZZZ apply to the emergency generator diesel engine. [40 CFR 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)]

**Equipment**

**D.3. Emergency Generator Diesel Engine**. The permittee is authorized to operate and maintain one emergency generator diesel engine with a maximum design engine output rating of 1,220 hp (910 kW). [Permit No. 0010131-003-AC (PSD-FL-411B) and Rules 62-210.200 (PTE) and 62-212.400 (BACT), F.A.C.]

**D.4. ULSD Fuel Oil Storage Tank**: The permittee is authorized to operate and maintain a 5,750-gallon tank to store ULSD fuel oil for use in the emergency generator diesel engine. Permit No. 0010131-003-AC (PSD-FL-411B); and [Rule 62-4.070(3), F.A.C.]

*{Permitting Note: The ULSD fuel oil storage tank for the emergency generator engine at the GREC facility is not subject to NSPS Subpart Kb because it stores a liquid (ULSD fuel oil) with a maximum true vapor pressure less than 3.5 kPa (0.51 pounds per square inch (psi)). Accordingly it is an unregulated emissions unit.} [40 CFR 60.110b(a) and (b) and Rule 62-204.800(8)(b)16, F.A.C.]*

**Essential Potential to Emit (PTE) Parameters**

**D.5. Hours of Operation**. The emergency generator diesel engine may operate up to 100 hours per year for maintenance and testing purposes.

- a. There is no time limit on the use of emergency stationary ICE in emergency situations.
- b. You may operate your emergency stationary ICE for any combination of the purposes specified in “i” to “iii” below for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed in “c.” below counts as part of the 100 hours per calendar year.

### SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

#### Subsection D. Emissions Unit 005

- i. Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.
- ii. Emergency stationary ICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see § 60.17), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.
- iii. Emergency stationary ICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.
- c. Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph "b." above. Except as provided in paragraph "d." below, the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.
- d. The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:
  - i. The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
  - ii. The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
  - iii. The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
  - iv. The power is provided only to the facility itself or to support the local transmission and distribution system.
  - v. The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

[Permit No. 0010131-003-AC (PSD-FL-411B) and Rules 62-210.200 (PTE) and 62-212.400 (BACT), F.A.C.; NSPS Subpart IIII, §60.4211(f)]

- D.6.** Authorized Fuel. The emergency generator diesel engine shall fire ULSD fuel oil. The ULSD fuel oil shall contain no more than 0.0015% sulfur by weight.

[Permit No. 0010131-003-AC (PSD-FL-411B) and Rules 62-210.200 (PTE) and 62-212.400 (BACT), F.A.C.]

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection D. Emissions Unit 005**

**Emission Limitations and Standards**

**D.7. Emissions Limits.** The emergency generator diesel engine shall comply with the following emission limits and demonstrate compliance in accordance with the procedures given in 40 CFR 60, Subpart III. Manufacturer certification can be provided to the Department in lieu of actual stack testing.

<b>Emergency Generator (&gt; 560 kW and ≤ 2,237 kW)</b>	<b>CO (g/kW-hr)<sup>1</sup></b>	<b>PM (g/kW-hr)</b>	<b>SO<sub>2</sub><sup>2</sup> (% S)</b>	<b>NMHC<sup>3</sup>+NO<sub>x</sub> (g/kW-hr)</b>
Subpart III (2006 and later)	3.5	0.2	0.0015	6.4

1. g/kW-hr means grams per kilowatt-hour.  
2. SO<sub>2</sub> emission standard will be met by using ULSD fuel oil in the emergency generator diesel engine with a fuel sulfur (S) content of 0.0015% by weight.  
3. NMHC means Non-Methane Hydrocarbons

[Permit No. 0010131-003-AC (PSD-FL-411B), NSPS Subpart III; and Rules 62-4.070(3) and 62-212.400 (BACT), F.A.C.]

**Test Methods and Procedures**

**D.8. Emergency Generator Testing Requirements.** The unit shall be stack tested to demonstrate initial compliance with the emission standards for CO and NO<sub>x</sub>. The tests shall be conducted within 60 days after achieving the maximum production rate at which the unit will be operated, but not later than 180 days after the initial startup of each unit. As an alternative, an EPA certification of emissions characteristics of the purchased model that are at least as stringent as the BACT (NSPS Subpart III) values and the use of ULSD fuel oil with a sulfur content of 15 ppm or less can be used to fulfill this requirement. [Rule 62-297.310(7)(a)1, F.A.C.; 40 CFR 60.8 and NSPS Subpart III, §60.4210 and §60.4211(e)(1) and (2)]

**D.9. Test Methods.** Any required tests shall be performed in accordance with the in-use testing procedures in 40 CFR 1039, Subpart F, for stationary CI ICE with a displacement of less than 10 liters per cylinder, and according to 40 CFR 1042, Subpart F, for stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder. [NSPS Subpart III, §60.4212(a)]

**Recordkeeping and Reporting Requirements**

**D.10. Notification, Recordkeeping and Reporting Requirements.** The permittee shall adhere to the compliance testing and certification requirements listed in 40 CFR 60.4211 and maintain records demonstrating fuel usage and quality. [40 CFR 60.4211]

**D.11. Notifications Reporting and Recordkeeping.** . Notifications reporting and recordkeeping are required pursuant to 40 CFR 60.7, and NSPS Subpart III, §60.4214(b) and §60.4214(d) for the 910-kW emergency generator diesel engine. [NSPS Subpart III, §60.4214(b) and (d)]

**D.12. 40 CFR 60 General Provisions.** Table 8 from Subpart III shows which parts of the General Provisions in §§60.1 through 60.19 apply to the emergency generator diesel engine. [§60.4218]

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection E. Emissions Unit 006**

**Subsection E. The specific conditions in this section apply to the following emissions unit:**

<b>EU ID No.</b>	<b>Brief Description</b>
006	One emergency firewater pump diesel engine

The emergency firewater pump diesel engine has a maximum design output rating of 315 hp equivalent to an engine output rating of 235 kW.

**NSPS and NESHAP Applicability**

**E.1. NSPS Subpart IIII Applicability.** The fire pump engine is a Stationary Compression Ignition Internal Combustion Engine (Stationary ICE) and shall comply with applicable provisions of 40 CFR 60, Subpart IIII, including emission testing or certification. The applicant shall comply with 40 CFR 60, Subpart IIII only to the extent that the regulations apply to the emission unit and its operations (e.g. non-road, emergency, displacement, capacity and model year selected). The applicable requirements on a top level basis from Subpart IIII are contained in this subsection while the entire subpart is provided in **Appendix IIII in Section VI** of this permit. [40 CFR 60, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines]

*{Permitting Note: The requirements of Subpart IIII are provided for clarity and convenience in this subsection. However, if all the applicable requirements from the subpart are not contained in this subsection, the permittee is still subject to the omitted requirements.}*

**E.2. NESHAPS Subpart ZZZZ Applicability.** The fire pump engine is a Liquid Fueled Reciprocating Internal Combustion Engine (RICE) and shall comply with applicable provisions of 40 CFR 63, Subpart ZZZZ. Pursuant to 40 CFR 63.6590(c) the fire pumps must meet the requirements of Subpart ZZZZ by meeting the requirements of 40 CFR 60, Subpart IIII. No further requirements of Subpart ZZZZ apply to the emergency fire pumps. [40 CFR 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE)]

**Equipment**

**E.3. Engine Driven Pump.** The permittee is authorized to operate and maintain one emergency diesel fire pump engine. The pump engine will have a maximum design output rating of 315 hp. [Permit No. 0010131-003-AC (PSD-FL-411B) and Rules 62-210.200(PTE) and 62-212.400 (BACT), F.A.C.]

**E.4. ULSD Fuel Oil Storage Tank.** The permittee is authorized to operate and maintain a 1,000 gallon tank to store ULSD fuel oil for use in the emergency diesel firewater pump engine. [Rule 62-4.070(3), F.A.C.]

*{Permitting Note: The ULSD fuel oil storage tank for the emergency diesel firewater pump engine at the GREC facility is not subject to NSPS Subpart Kb because it stores a liquid (ULSD fuel oil) with a maximum true vapor pressure less than 3.5 kPa (0.51 pounds per square inch (psi)). Accordingly it is an unregulated emissions unit.}*

[40 CFR 60.110b(a) and (c) and Rule 62-204.800(7)(b), F.A.C.]

**Essential Potential to Emit (PTE) Parameters**

**E.5. Hours of Operation.** The emergency fire pump may operate up to 100 hours per year for maintenance and testing purposes.

- a. There is no time limit on the use of emergency stationary ICE in emergency situations.
- b. You may operate your emergency stationary ICE for any combination of the purposes specified in “i” to “iii” below for a maximum of 100 hours per calendar year. Any operation for non-emergency situations as allowed “c.” below counts as part of the 100 hours per calendar year.

## SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

### Subsection E. Emissions Unit 006

- i. Emergency stationary ICE may be operated for maintenance checks and readiness testing, provided that the tests are recommended by federal, state or local government, the manufacturer, the vendor, the regional transmission organization or equivalent balancing authority and transmission operator, or the insurance company associated with the engine. The owner or operator may petition the Administrator for approval of additional hours to be used for maintenance checks and readiness testing, but a petition is not required if the owner or operator maintains records indicating that federal, state, or local standards require maintenance and testing of emergency ICE beyond 100 hours per calendar year.
- ii. Emergency stationary ICE may be operated for emergency demand response for periods in which the Reliability Coordinator under the North American Electric Reliability Corporation (NERC) Reliability Standard EOP-002-3, Capacity and Energy Emergencies (incorporated by reference, see § 60.17), or other authorized entity as determined by the Reliability Coordinator, has declared an Energy Emergency Alert Level 2 as defined in the NERC Reliability Standard EOP-002-3.
- iii. Emergency stationary ICE may be operated for periods where there is a deviation of voltage or frequency of 5 percent or greater below standard voltage or frequency.
- c. Emergency stationary ICE may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing and emergency demand response provided in paragraph “b.” above. Except as provided in paragraph “d.” below, the 50 hours per calendar year for non-emergency situations cannot be used for peak shaving or non-emergency demand response, or to generate income for a facility to an electric grid or otherwise supply power as part of a financial arrangement with another entity.
- d. The 50 hours per year for non-emergency situations can be used to supply power as part of a financial arrangement with another entity if all of the following conditions are met:
  - i. The engine is dispatched by the local balancing authority or local transmission and distribution system operator.
  - ii. The dispatch is intended to mitigate local transmission and/or distribution limitations so as to avert potential voltage collapse or line overloads that could lead to the interruption of power supply in a local area or region.
  - iii. The dispatch follows reliability, emergency operation or similar protocols that follow specific NERC, regional, state, public utility commission or local standards or guidelines.
  - iv. The power is provided only to the facility itself or to support the local transmission and distribution system.
  - v. The owner or operator identifies and records the entity that dispatches the engine and the specific NERC, regional, state, public utility commission or local standards or guidelines that are being followed for dispatching the engine. The local balancing authority or local transmission and distribution system operator may keep these records on behalf of the engine owner or operator.

[Permit No. 0010131-003-AC (PSD-FL-411B) and Rules 62-210.200 (PTE) and 62-212.400 (BACT), F.A.C.; NSPS Subpart III, §60.4211(f)]

- E.6. Authorized Fuel.** The emergency fire pump shall fire ULSD fuel oil. The ULSD fuel oil shall contain no more than 0.0015% sulfur by weight. [Permit No. 0010131-003-AC (PSD-FL-411B) and Rules 62-210.200 (PTE) and 62-212.400 (BACT), F.A.C.]

#### **Emission Limitations and Standards**

- E.7. Emissions Limits.** The emergency firewater pump diesel engine shall comply with the following emission limits and demonstrate compliance in accordance with the procedures given in 40 CFR 60, Subpart III. Manufacturer certification can be provided to the Department in lieu of actual stack testing.

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection E. Emissions Unit 006**

<b>Emergency Firewater Pump Engine</b> (300 hp > and ≤600 hp)	<b>CO</b> (g/kW-hr) <sup>1</sup>	<b>PM</b> (g/kW-hr)	<b>SO<sub>2</sub><sup>2</sup></b> (% S)	<b>NMHC<sup>3</sup>+NO<sub>x</sub></b> (g/kW-hr)
Subpart III (2009 and later)	2.6	0.15	0.0015	3.0
1. g/kW-hr means grams per kilowatt-hour. 2. SO <sub>2</sub> emission standard will be met by using ULSD fuel oil in the emergency firewater pump engine with fuel sulfur (S) content of 0.0015% by weight. 3. NMHC means Non-Methane Hydrocarbons				

[Permit No. 0010131-003-AC (PSD-FL-411B), NSPS Subpart III; and Rules 62-4.070(3) and 62-212.400 (BACT), F.A.C.]

**Test Methods and Procedures**

- E.8.** Emergency Fire Pump Testing Requirements. The unit shall be stack tested to demonstrate initial compliance with the emission standards for CO and NO<sub>x</sub>. The tests shall be conducted within 60 days after achieving the maximum production rate at which the unit will be operated, but not later than 180 days after the initial startup of each unit. As an alternative, an EPA certification of emissions characteristics of the purchased model that are at least as stringent as the BACT (NSPS Subpart III) values and the use of ULSD fuel oil with a sulfur content of 15 ppm or less can be used to fulfill this requirement. [Rule 62-297.310(7)(a)1, F.A.C.; 40 CFR 60.8 and NSPS Subpart III, §60.4210 and §60.4211]
- E.9.** Test Methods. Any required tests shall be performed in accordance with the in-use testing procedures in 40 CFR 1039, Subpart F, for stationary CI ICE with a displacement of less than 10 liters per cylinder, and according to 40 CFR 1042, Subpart F, for stationary CI ICE with a displacement of greater than or equal to 10 liters per cylinder and less than 30 liters per cylinder.  
[NSPS Subpart III, §60.4212]

**Recordkeeping and Reporting Requirements**

- E.10.** Notification, Recordkeeping and Reporting Requirements. The permittee shall adhere to the compliance testing and certification requirements listed in 40 CFR 60.4211 and maintain records demonstrating fuel usage and quality. [40 CFR 60.4211]
- E.11.** Notifications Reporting and Recordkeeping. Notifications reporting and recordkeeping are required pursuant to 40 CFR 60.7, 40 CFR 63.9, and NSPS Subpart III, §60.4214(b) and §60.4214(d) for the emergency firewater pump engine.
- E.12.** 40 CFR 60 General Provisions. Table 8 from Subpart III shows which parts of the General Provisions in §§60.1 through 60.19 the emergency firewater pump engine. [§60.4218]

**SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.**

**Subsection F. Emissions Unit 007**

**Subsection F. The specific conditions in this section apply to the following emissions unit:**

<b>EU ID No.</b>	<b>Brief Description</b>
007	Alkaline sorbent storage silo

**Equipment**

**F.1. Alkaline Sorbent Storage Silo.** The permittee is authorized to operate an alkaline sorbent storage silo to store hydrated lime or trona (or equivalent) for use by the IDSIS. A bin vent filter is installed on the sorbent storage silo to control PM emissions while the silo is loaded with sorbent from trucks. The bin vent filter is designed to achieve a PM emission rate of 0.01 gr/dscf. [Permit No. 0010131-003-AC (PSD-FL-411B)]

**Essential Potential to Emit (PTE) Parameters**

**F.2. Hours of Operation.** The hours of operation of this emission unit are not restricted (8,760 hours/year). [Permit No. 0010131-003-AC (PSD-FL-411B)]

**Emission Limitations and Standards**

**F.3. Alkaline Sorbent Storage Silo VE.** Opacity from the bin vent filter of the alkaline sorbent storage silo shall not exceed 5% opacity based on EPA Method 9 during annual tests. [Permit No. 0010131-003-AC (PSD-FL-411B); and Rules 62-212.400 (BACT) F.A.C. and 62-4.070, F.A.C.]

**F.4. PM Emission Standard.** PM emissions from the bin vent filter of the alkaline sorbent storage silo shall not exceed 0.01 gr/dscf. [Permit No. 0010131-003-AC (PSD-FL-411B); and Rules 62-212.400 (BACT) F.A.C. and 62-4.070, F.A.C.]

**F.5. Alkaline Sorbent Storage Silo Bin Vent Filter PM Standard by Opacity Measurement.** A VE reading of 5% opacity or less may be used to demonstrate compliance with the PM emission standard in **Specific Condition F.4** above. A VE reading greater than 5% opacity will require the permittee to perform a PM emissions test on the alkaline sorbent storage silo bin vent filter within 60 days to show compliance with the PM standard given in **Specific Condition F.4** above. [Permit No. 0010131-003-AC (PSD-FL-411B); and Rules 62-296.712, 62-212.400 (BACT) F.A.C. and 62-4.070, F.A.C.]

**Test Methods and Procedures**

**F.6. Annual Stack Tests.** If required, the sorbent storage silo shall be tested annually to demonstrate compliance with the emission standards for PM in accordance with test methods specified in this permit. [Rules 62-212.400 (BACT) F.A.C. and 62-4.070, F.A.C.]

**F.7. Test Methods.** Any required stack tests shall be performed in accordance with the following methods.

<b>EPA Method</b>	<b>Description of Method and Comments</b>
5, 5B, 17	Measurement of PM
9	Visual Determination of the Opacity
201, 201A	Measurement of PM <sub>10</sub>

[Rules 62-212.400 (BACT) F.A.C. and 62-4.070, F.A.C.]

**Recordkeeping and Reporting Requirement**

**F.8. Test Reports.** The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in **Appendix TR** (Common Testing Requirements) in **Section VI** of this permit. For each test run, the report shall also indicate the operating rate. [Rule 62-297.310(8), F.A.C.]



**SECTION IV. ACID RAIN PART.**

**Federal Acid Rain Provisions**

Operated by: Gainesville Renewable Energy Center, LLC  
ORIS Code: 57241

The emissions units listed below are regulated under Acid Rain, Phase II.

<u><b>E.U. ID No.</b></u>	<u><b>Brief Description</b></u>
-002	Woody biomass-fueled BFB boiler <del>with a maximum heat input capacity of 1,358 million British thermal units per hour (MMBtu/hr)</del>

- A.1.** The Phase II Acid Rain Part application submitted for this facility, as approved by the Department, is a part of this permit. The owners and operators of these Phase II acid rain units must comply with the standard requirements and special provisions set forth in the application listed below:
- a. DEP Form No. 62-210.900(1)(a), dated 01/31/14, received 02/11/14.  
[Chapter 62-213, F.A.C. and Rule 62-214.320, F.A.C.]
- A.3.** Sulfur Dioxide (SO<sub>2</sub>) Emission Allowances. SO<sub>2</sub> emissions from sources subject to the Federal Acid Rain Program (Title IV) shall not exceed any allowances that the source lawfully holds under the Federal Acid Rain Program. Allowances shall not be used to demonstrate compliance with a non-Title IV applicable requirement of the Act.
- a. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the Federal Acid Rain Program, provided that such increases do not require a permit revision pursuant to Rule 62-213.400(3), F.A.C.
  - b. No limit shall be placed on the number of allowances held by the source under the Federal Acid Rain Program.
  - c. Allowances shall be accounted for under the Federal Acid Rain Program.  
[Rule 62-213.440(1)(c)1., 2. & 3., F.A.C.]
- A.4.** Comments, Notes, and Justifications: None.

**SECTION IV. ACID RAIN PART.**

**Federal Acid Rain Provisions**

## Acid Rain Part Application

For more information, see Instructions and refer to 40 CFR 72.30, 72.31, and 74; and Chapter 62-214, F.A.C.

This submission is:  New     Revised     Renewal

**STEP 1**

Identify the source by plant name, state, and ORIS or plant code.

Gainesville Renewable Energy Center	Florida	57241
Plant name	State	ORIS/Plant Code

**STEP 2**

Enter the unit ID# for every Acid Rain unit at the Acid Rain source in column "a."

If unit a SO<sub>2</sub> Opt-in unit, enter "yes" in column "b".

For new units or SO<sub>2</sub> Opt-in units, enter the requested information in columns "d" and "e."

a	b	c	d	e
Unit ID#	SO <sub>2</sub> Opt-In Unit? (Yes or No)	Unit will hold allowances in accordance with 40 CFR 72.9(c)(1)	New or SO <sub>2</sub> Opt-In Units Commence Operation Date	New or SO <sub>2</sub> Opt-In Units Monitor Certification Deadline
BFB1	No	Yes	August 16, 2013	February 12, 2014

**SECTION IV. ACID RAIN PART.**  
**Federal Acid Rain Provisions**

Gainesville Renewable Energy Center

Plant Name (from STEP 1)

**STEP 3**

**Read the standard requirements.**

Acid Rain Part Requirements.

- (1) The designated representative of each Acid Rain source and each Acid Rain unit at the source shall:
  - (i) Submit a complete Acid Rain Part application (including a compliance plan) under 40 CFR Part 72 and Rules 62-214.320 and 330, F.A.C., in accordance with the deadlines specified in Rule 62-214.320, F.A.C.; and
  - (ii) Submit in a timely manner any supplemental information that the DEP determines is necessary in order to review an Acid Rain Part application and issue or deny an Acid Rain Part;
- (2) The owners and operators of each Acid Rain source and each Acid Rain unit at the source shall:
  - (i) Operate the unit in compliance with a complete Acid Rain Part application or a superseding Acid Rain Part issued by the DEP; and
  - (ii) Have an Acid Rain Part.

Monitoring Requirements.

- (1) The owners and operators and, to the extent applicable, designated representative of each Acid Rain source and each Acid Rain unit at the source shall comply with the monitoring requirements as provided in 40 CFR Part 75, and Rule 62-214.420, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 75 shall be used to determine compliance by the unit with the Acid Rain emissions limitations and emissions reduction requirements for sulfur dioxide and nitrogen oxides under the Acid Rain Program.
- (3) The requirements of 40 CFR Part 75 shall not affect the responsibility of the owners and operators to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements of the Act and other provisions of the operating permit for the source.
- (4) For applications including a SO<sub>2</sub> Opt-In unit, a monitoring plan for each SO<sub>2</sub> Opt-In unit must be submitted with this application pursuant to 40 CFR 74.14(a). For renewal applications for SO<sub>2</sub> Opt-In units include an updated monitoring plan if applicable under 40 CFR 75.53(b).

Sulfur Dioxide Requirements.

- (1) The owners and operators of each source and each Acid Rain unit at the source shall:
  - (i) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR 73.34(c)), or in the compliance subaccount of another Acid Rain unit at the same source to the extent provided in 40 CFR 73.35(b)(3), not less than the total annual emissions of sulfur dioxide for the previous calendar year from the unit; and
  - (ii) Comply with the applicable Acid Rain emissions limitations for sulfur dioxide.
- (2) Each ton of sulfur dioxide emitted in excess of the Acid Rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act.
- (3) An Acid Rain unit shall be subject to the requirements under paragraph (1) of the sulfur dioxide requirements as follows:
  - (i) Starting January 1, 2000, an Acid Rain unit under 40 CFR 72.6(a)(2); or
  - (ii) Starting on the later of January 1, 2000, or the deadline for monitor certification under 40 CFR Part 75, an Acid Rain unit under 40 CFR 72.6(a)(3).
- (4) Allowances shall be held in, deducted from, or transferred among Allowance Tracking System accounts in accordance with the Acid Rain Program.
- (5) An allowance shall not be deducted in order to comply with the requirements under paragraph (1) of the sulfur dioxide requirements prior to the calendar year for which the allowance was allocated.
- (6) An allowance allocated by the Administrator under the Acid Rain Program is a limited authorization to emit sulfur dioxide in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the Acid Rain Part application, the Acid Rain Part, or an exemption under 40 CFR 72.7 or 72.8 and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization.
- (7) An allowance allocated by the Administrator under the Acid Rain Program does not constitute a property right.

Nitrogen Oxides Requirements. The owners and operators of the source and each Acid Rain unit at the source shall comply with the applicable Acid Rain emissions limitation for nitrogen oxides.

Excess Emissions Requirements.

- (1) The designated representative of an Acid Rain unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR Part 77.
- (2) The owners and operators of an Acid Rain unit that has excess emissions in any calendar year shall:
  - (i) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR Part 77; and
  - (ii) Comply with the terms of an approved offset plan, as required by 40 CFR Part 77.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the source and each Acid Rain unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time prior to the end of 5 years, in writing by the EPA or the DEP:
  - (i) The certificate of representation for the designated representative for the source and each Acid Rain unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with Rule 62-214.350, F.A.C.; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative;
  - (ii) All emissions monitoring information, in accordance with 40 CFR Part 75, provided that to the extent that 40 CFR Part 75 provides for a 3-year period for recordkeeping, the 3-year period shall apply;
  - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and

**SECTION IV. ACID RAIN PART.**

**Federal Acid Rain Provisions**

Gainesville Renewable Energy Center
Plant Name (from STEP 1)

**STEP 3,  
Continued.**

Recordkeeping and Reporting Requirements (cont)

- (iv) Copies of all documents used to complete an Acid Rain Part application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program.
- (2) The designated representative of an Acid Rain source and each Acid Rain unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR Part 72, Subpart I, and 40 CFR Part 75.

Liability.

- (1) Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete Acid Rain Part application, an Acid Rain Part, or an exemption under 40 CFR 72.7 or 72.8, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to section 113(c) of the Act.
- (2) Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to section 113(c) of the Act and 18 U.S.C. 1001.
- (3) No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect.
- (4) Each Acid Rain source and each Acid Rain unit shall meet the requirements of the Acid Rain Program.
- (5) Any provision of the Acid Rain Program that applies to an Acid Rain source (including a provision applicable to the designated representative of an Acid Rain source) shall also apply to the owners and operators of such source and of the Acid Rain units at the source.
- (6) Any provision of the Acid Rain Program that applies to an Acid Rain unit (including a provision applicable to the designated representative of an Acid Rain unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR 72.44 (Phase II repowering extension plans) and 40 CFR 75.11 (NO<sub>x</sub> averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR Part 75 (including 40 CFR 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one Acid Rain unit shall not be liable for any violation by any other Acid Rain unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative.
- (7) Each violation of a provision of 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78 by an Acid Rain source or Acid Rain unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act.

Effect on Other Authorities.

- No provision of the Acid Rain Program, an Acid Rain Part application, an Acid Rain Part, or an exemption under 40 CFR 72.7 or 72.8 shall be construed as:
- (1) Except as expressly provided in title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an Acid Rain source or Acid Rain unit from compliance with any other provision of the Act, including the provisions of title I of the Act relating to applicable National Ambient Air Quality Standards or State Implementation Plans;
  - (2) Limiting the number of allowances a unit can hold; provided, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act;
  - (3) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudence review requirements under such state law;
  - (4) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or,
  - (5) Interfering with or impairing any program for competitive bidding for power supply in a state in which such program is established.

**STEP 4  
For SO<sub>2</sub> Opt-in  
units only.**

In column "f" enter the unit ID# for every SO<sub>2</sub> Opt-in unit identified in column "a" of STEP 2.

For column "g" describe the combustion unit and attach information and diagrams on the combustion unit's configuration.

In column "h" enter the hours.

f	g	h (not required for renewal application)
Unit ID#	Description of the combustion unit	Number of hours unit operated in the six months preceding initial application

**SECTION IV. ACID RAIN PART.**

**Federal Acid Rain Provisions**

Gainesville Renewable Energy Center, LLC

Plant Name (from STEP 1)

**STEP 5**

For SO<sub>2</sub> Opt-in units only. (Not required for SO<sub>2</sub> Opt-in renewal applications.)

In column "i" enter the unit ID# for every SO<sub>2</sub> Opt-in unit identified in column "a" (and in column "f").

For columns "j" through "n," enter the information required under 40 CFR 74.20-74.25 and attach all supporting documentation required by 40 CFR 74.20-74.25.

i	j	k	l	m	n
Unit ID#	Baseline or Alternative Baseline under 40 CFR 74.20 (mmBtu)	Actual SO <sub>2</sub> Emissions Rate under 40 CFR 74.22 (lbs/mmBtu)	Allowable 1985 SO <sub>2</sub> Emissions Rate under 40 CFR 74.23 (lbs/mmBtu)	Current Allowable SO <sub>2</sub> Emissions Rate under 40 CFR 74.24 (lbs/mmBtu)	Current Promulgated SO <sub>2</sub> Emissions Rate under 40 CFR 74.25 (lbs/mmBtu)

**STEP 6**

For SO<sub>2</sub> Opt-in units only.

Attach additional requirements, certify and sign.

- A. If the combustion source seeks to qualify for a transfer of allowances from the replacement of thermal energy, a thermal energy plan as provided in 40 CFR 74.47 for combustion sources must be attached.
- B. A statement whether the combustion unit was previously an affected unit under 40 CFR 74.
- C. A statement that the combustion unit is not an affected unit under 40 CFR 72.6 and does not have an exemption under 40 CFR 72.7, 72.8, or 72.14.
- D. Attach a complete compliance plan for SO<sub>2</sub> under 40 CFR 72.40.
- E. The designated representative of the combustion unit shall submit a monitoring plan in accordance with 40 CFR 74.61. For renewal application, submit an updated monitoring plan if applicable under 40 CFR 75.53(b).
- F. The following statement must be signed by the designated representative or alternate designated representative of the combustion source: "I certify that the data submitted under 40 CFR Part 74, Subpart C, reflects actual operations of the combustion source and has not been adjusted in any way."

Signature	Date
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**STEP 7**

Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.

<b>Certification (for designated representative or alternate designated representative only)</b>	
I am authorized to make this submission on behalf of the owners and operators of the Acid Rain source or Acid Rain units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.	
Leonard J. Fagan Name	Vice President of Engineering Title
Gainesville Renewable Energy Center, LLC Owner Company Name	
(617) 904-3100 ext. 122 Phone	lenfagan@emienenergy.com E-mail address
 Signature	1/31/2014 Date

**SECTION V. CAIR PART.**  
**Clean Air Interstate Rule Provisions**

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**Clean Air Interstate Rule (CAIR).**

**Operated by:** Gainesville Renewable Energy Center, LLC

**Plant:** Gainesville Renewable Energy Center

**ORIS Code:** 57241

The emissions unit below is regulated under the Clean Air Interstate Rule.

EU No.	EPA Unit ID#	Brief Description
002	BFB1	Woody biomass-fueled BFB boiler <del>with a maximum heat input capacity of 1,358 million British thermal units per hour (MMBtu/hr)</del>

- 1. Clean Air Interstate Rule Application.** The Clean Air Interstate Rule Part Form submitted for this facility is a part of this permit. The owners and operators of these CAIR units as identified in this form must comply with the standard requirements and special provisions set forth in the CAIR Part Form (DEP Form No. 62-210.900(1)(b)) dated April 8, 2014, which is attached at the end of this section. [Chapter 62-213, F.A.C. and Rule 62-210.200, F.A.C.]



**SECTION V. CAIR PART.**  
**Clean Air Interstate Rule Provisions**

**STEP 3**

**Read the  
standard  
requirements.**

Gainesville Renewable Energy Center
Plant Name (from STEP 1)

**CAIR NO<sub>x</sub> ANNUAL TRADING PROGRAM**

CAIR Part Requirements.

- (1) The CAIR designated representative of each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall:
  - (i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.122 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
  - (ii) [Reserved];
- (2) The owners and operators of each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 96, Subpart CC, and operate the source and the unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HH, and Rule 62-296.470, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HH, shall be used to determine compliance by each CAIR NO<sub>x</sub> source with the following CAIR NO<sub>x</sub> Emissions Requirements.

NO<sub>x</sub> Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall hold, in the source's compliance account, CAIR NO<sub>x</sub> allowances available for compliance deductions for the control period under 40 CFR 96.154(a) in an amount not less than the tons of total NO<sub>x</sub> emissions for the control period from all CAIR NO<sub>x</sub> units at the source, as determined in accordance with 40 CFR Part 96, Subpart HH.
- (2) A CAIR NO<sub>x</sub> unit shall be subject to the requirements under paragraph (1) of the NO<sub>x</sub> Requirements starting on the later of January 1, 2009, or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.170(b)(1) or (2) and for each control period thereafter.
- (3) A CAIR NO<sub>x</sub> allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the NO<sub>x</sub> Requirements, for a control period in a calendar year before the year for which the CAIR NO<sub>x</sub> allowance was allocated.
- (4) CAIR NO<sub>x</sub> allowances shall be held in, deducted from, or transferred into or among CAIR NO<sub>x</sub> Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FF and GG.
- (5) A CAIR NO<sub>x</sub> allowance is a limited authorization to emit one ton of NO<sub>x</sub> in accordance with the CAIR NO<sub>x</sub> Annual Trading Program. No provision of the CAIR NO<sub>x</sub> Annual Trading Program, the CAIR Part, or an exemption under 40 CFR 96.105 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
- (6) A CAIR NO<sub>x</sub> allowance does not constitute a property right.
- (7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart EE, FF, or GG, every allocation, transfer, or deduction of a CAIR NO<sub>x</sub> allowance to or from a CAIR NO<sub>x</sub> unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR NO<sub>x</sub> unit.

Excess Emissions Requirements.

If a CAIR NO<sub>x</sub> source emits NO<sub>x</sub> during any control period in excess of the CAIR NO<sub>x</sub> emissions limitation, then:

- (1) The owners and operators of the source and each CAIR NO<sub>x</sub> unit at the source shall surrender the CAIR NO<sub>x</sub> allowances required for deduction under 40 CFR 96.154(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AA, the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements.

- (1) Unless otherwise provided, the owners and operators of the CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.
  - (i) The certificate of representation under 40 CFR 96.113 for the CAIR designated representative for the source and each CAIR NO<sub>x</sub> unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.113 changing the CAIR designated representative.
  - (ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.
  - (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO<sub>x</sub> Annual Trading Program.
  - (iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR NO<sub>x</sub> Annual Trading Program or to demonstrate compliance with the requirements of the CAIR NO<sub>x</sub> Annual Trading Program.
- (2) The CAIR designated representative of a CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit at the source shall submit the reports required under the CAIR NO<sub>x</sub> Annual Trading Program, including those under 40 CFR Part 96, Subpart HH.



**SECTION V. CAIR PART.**  
**Clean Air Interstate Rule Provisions**

Gainesville Renewable Energy Center
Plant Name (from STEP 1)

**STEP 3,  
Continued**

Liability.

- (1) Each CAIR NO<sub>x</sub> source and each CAIR NO<sub>x</sub> unit shall meet the requirements of the CAIR NO<sub>x</sub> Annual Trading Program.
- (2) Any provision of the CAIR NO<sub>x</sub> Annual Trading Program that applies to a CAIR NO<sub>x</sub> source or the CAIR designated representative of a CAIR NO<sub>x</sub> source shall also apply to the owners and operators of such source and of the CAIR NO<sub>x</sub> units at the source.
- (3) Any provision of the CAIR NO<sub>x</sub> Annual Trading Program that applies to a CAIR NO<sub>x</sub> unit or the CAIR designated representative of a CAIR NO<sub>x</sub> unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR NO<sub>x</sub> Annual Trading Program, a CAIR Part, or an exemption under 40 CFR 96.105 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO<sub>x</sub> source or CAIR NO<sub>x</sub> unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

**CAIR SO<sub>2</sub> TRADING PROGRAM**

CAIR Part Requirements.

- (1) The CAIR designated representative of each CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall:
  - (i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.222 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and
  - (ii) [Reserved];
- (2) The owners and operators of each CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall have a CAIR Part included in the Title V operating permit issued by the DEP under 40 CFR Part 96, Subpart CCC, for the source and operate the source and each CAIR unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

- (1) The owners and operators, and the CAIR designated representative, of each CAIR SO<sub>2</sub> source and each SO<sub>2</sub> CAIR unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HHH, and Rule 62-296.470, F.A.C.
- (2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HHH, shall be used to determine compliance by each CAIR SO<sub>2</sub> source with the following CAIR SO<sub>2</sub> Emission Requirements.

SO<sub>2</sub> Emission Requirements.

- (1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall hold, in the source's compliance account, a tonnage equivalent in CAIR SO<sub>2</sub> allowances available for compliance deductions for the control period, as determined in accordance with 40 CFR 96.254(a) and (b), not less than the tons of total sulfur dioxide emissions for the control period from all CAIR SO<sub>2</sub> units at the source, as determined in accordance with 40 CFR Part 96, Subpart HHH.
- (2) A CAIR SO<sub>2</sub> unit shall be subject to the requirements under paragraph (1) of the Sulfur Dioxide Emission Requirements starting on the later of January 1, 2010 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.270(b)(1) or (2) and for each control period thereafter.
- (3) A CAIR SO<sub>2</sub> allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the SO<sub>2</sub> Emission Requirements, for a control period in a calendar year before the year for which the CAIR SO<sub>2</sub> allowance was allocated.
- (4) CAIR SO<sub>2</sub> allowances shall be held in, deducted from, or transferred into or among CAIR SO<sub>2</sub> Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FFF and GGG.
- (5) A CAIR SO<sub>2</sub> allowance is a limited authorization to emit sulfur dioxide in accordance with the CAIR SO<sub>2</sub> Trading Program. No provision of the CAIR SO<sub>2</sub> Trading Program, the CAIR Part, or an exemption under 40 CFR 96.205 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.
- (6) A CAIR SO<sub>2</sub> allowance does not constitute a property right.
- (7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart FFF or GGG, every allocation, transfer, or deduction of a CAIR SO<sub>2</sub> allowance to or from a CAIR SO<sub>2</sub> unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR SO<sub>2</sub> unit.

Excess Emissions Requirements.

If a CAIR SO<sub>2</sub> source emits SO<sub>2</sub> during any control period in excess of the CAIR SO<sub>2</sub> emissions limitation, then:

- (1) The owners and operators of the source and each CAIR SO<sub>2</sub> unit at the source shall surrender the CAIR SO<sub>2</sub> allowances required for deduction under 40 CFR 96.254(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and
- (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AAA, the Clean Air Act, and applicable state law.

**SECTION V. CAIR PART.**  
**Clean Air Interstate Rule Provisions**

Gainesville Renewable Energy Center
Plant Name (from STEP 1)

**STEP 3,**  
**Continued**

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the Department or the Administrator.

(i) The certificate of representation under 40 CFR 96.213 for the CAIR designated representative for the source and each CAIR SO<sub>2</sub> unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.213 changing the CAIR designated representative.

(ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HHH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.

(iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR SO<sub>2</sub> Trading Program.

(iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR SO<sub>2</sub> Trading Program or to demonstrate compliance with the requirements of the CAIR SO<sub>2</sub> Trading Program.

(2) The CAIR designated representative of a CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit at the source shall submit the reports required under the CAIR SO<sub>2</sub> Trading Program, including those under 40 CFR Part 96, Subpart HHH.

Liability.

(1) Each CAIR SO<sub>2</sub> source and each CAIR SO<sub>2</sub> unit shall meet the requirements of the CAIR SO<sub>2</sub> Trading Program.

(2) Any provision of the CAIR SO<sub>2</sub> Trading Program that applies to a CAIR SO<sub>2</sub> source or the CAIR designated representative of a CAIR SO<sub>2</sub> source shall also apply to the owners and operators of such source and of the CAIR SO<sub>2</sub> units at the source.

(3) Any provision of the CAIR SO<sub>2</sub> Trading Program that applies to a CAIR SO<sub>2</sub> unit or the CAIR designated representative of a CAIR SO<sub>2</sub> unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.

No provision of the CAIR SO<sub>2</sub> Trading Program, a CAIR Part, or an exemption under 40 CFR 96.205 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR SO<sub>2</sub> source or CAIR SO<sub>2</sub> unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

**CAIR NO<sub>x</sub> OZONE SEASON TRADING PROGRAM**

CAIR Part Requirements.

(1) The CAIR designated representative of each CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall:

(i) Submit to the DEP a complete and certified CAIR Part form under 40 CFR 96.322 and Rule 62-296.470, F.A.C., in accordance with the deadlines specified in Rule 62-213.420, F.A.C.; and

(ii) [Reserved];

(2) The owners and operators of each CAIR NO<sub>x</sub> Ozone Season source required to have a Title V operating permit or air construction permit, and each CAIR NO<sub>x</sub> Ozone Season unit required to have a Title V operating permit or air construction permit at the source shall have a CAIR Part included in the Title V operating permit or air construction permit issued by the DEP under 40 CFR Part 96, Subpart CCCC, for the source and operate the source and the unit in compliance with such CAIR Part.

Monitoring, Reporting, and Recordkeeping Requirements.

(1) The owners and operators, and the CAIR designated representative, of each CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall comply with the monitoring, reporting, and recordkeeping requirements of 40 CFR Part 96, Subpart HHHH, and Rule 62-296.470, F.A.C.

(2) The emissions measurements recorded and reported in accordance with 40 CFR Part 96, Subpart HHHH, shall be used to determine compliance by each CAIR NO<sub>x</sub> Ozone Season source with the following CAIR NO<sub>x</sub> Ozone Season Emissions Requirements.

NO<sub>x</sub> Ozone Season Emission Requirements.

(1) As of the allowance transfer deadline for a control period, the owners and operators of each CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall hold, in the source's compliance account, CAIR NO<sub>x</sub> Ozone Season allowances available for compliance deductions for the control period under 40 CFR 96.354(a) in an amount not less than the tons of total NO<sub>x</sub> emissions for the control period from all CAIR NO<sub>x</sub> Ozone Season units at the source, as determined in accordance with 40 CFR Part 96, Subpart HHHH.

(2) A CAIR NO<sub>x</sub> Ozone Season unit shall be subject to the requirements under paragraph (1) of the NO<sub>x</sub> Ozone Season Emission Requirements starting on the later of May 1, 2009 or the deadline for meeting the unit's monitor certification requirements under 40 CFR 96.370(b)(1),(2), or (3) and for each control period thereafter.

(3) A CAIR NO<sub>x</sub> Ozone Season allowance shall not be deducted, for compliance with the requirements under paragraph (1) of the NO<sub>x</sub> Ozone Season Emission Requirements, for a control period in a calendar year before the year for which the CAIR NO<sub>x</sub> Ozone Season allowance was allocated.

(4) CAIR NO<sub>x</sub> Ozone Season allowances shall be held in, deducted from, or transferred into or among CAIR NO<sub>x</sub> Ozone Season Allowance Tracking System accounts in accordance with 40 CFR Part 96, Subparts FFFF and GGGG.

(5) A CAIR NO<sub>x</sub> Ozone Season allowance is a limited authorization to emit one ton of NO<sub>x</sub> in accordance with the CAIR NO<sub>x</sub> Ozone Season Trading Program. No provision of the CAIR NO<sub>x</sub> Ozone Season Trading Program, the CAIR Part, or an exemption under 40 CFR 96.305 and no provision of law shall be construed to limit the authority of the state or the United States to terminate or limit such authorization.

(6) A CAIR NO<sub>x</sub> Ozone Season allowance does not constitute a property right.

**SECTION V. CAIR PART.**  
**Clean Air Interstate Rule Provisions**

(7) Upon recordation by the Administrator under 40 CFR Part 96, Subpart EEEE, FFFF or GGGG, every allocation, transfer, or deduction of a CAIR NO<sub>x</sub> Ozone Season allowance to or from a CAIR NO<sub>x</sub> Ozone Season unit's compliance account is incorporated automatically in any CAIR Part of the source that includes the CAIR NO<sub>x</sub> Ozone Season unit.

Gainesville Renewable Energy Center
Plant Name (from STEP 1)

**STEP 3,**  
**Continued**

Excess Emissions Requirements.

If a CAIR NO<sub>x</sub> Ozone Season source emits NO<sub>x</sub> during any control period in excess of the CAIR NO<sub>x</sub> Ozone Season emissions limitation, then:  
 (1) The owners and operators of the source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall surrender the CAIR NO<sub>x</sub> Ozone Season allowances required for deduction under 40 CFR 96.354(d)(1) and pay any fine, penalty, or assessment or comply with any other remedy imposed, for the same violations, under the Clean Air Act or applicable state law; and  
 (2) Each ton of such excess emissions and each day of such control period shall constitute a separate violation of 40 CFR Part 96, Subpart AAAA, the Clean Air Act, and applicable state law.

Recordkeeping and Reporting Requirements.

(1) Unless otherwise provided, the owners and operators of the CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall keep on site at the source each of the following documents for a period of 5 years from the date the document is created. This period may be extended for cause, at any time before the end of 5 years, in writing by the DEP or the Administrator.  
 (i) The certificate of representation under 40 CFR 96.313 for the CAIR designated representative for the source and each CAIR NO<sub>x</sub> Ozone Season unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation; provided that the certificate and documents shall be retained on site at the source beyond such 5-year period until such documents are superseded because of the submission of a new certificate of representation under 40 CFR 96.113 changing the CAIR designated representative.  
 (ii) All emissions monitoring information, in accordance with 40 CFR Part 96, Subpart HHHH, of this part, provided that to the extent that 40 CFR Part 96, Subpart HHHH, provides for a 3-year period for recordkeeping, the 3-year period shall apply.  
 (iii) Copies of all reports, compliance certifications, and other submissions and all records made or required under the CAIR NO<sub>x</sub> Ozone Season Trading Program.  
 (iv) Copies of all documents used to complete a CAIR Part form and any other submission under the CAIR NO<sub>x</sub> Ozone Season Trading Program or to demonstrate compliance with the requirements of the CAIR NO<sub>x</sub> Ozone Season Trading Program.  
 (2) The CAIR designated representative of a CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit at the source shall submit the reports required under the CAIR NO<sub>x</sub> Ozone Season Trading Program, including those under 40 CFR Part 96, Subpart HHHH.

Liability.

(1) Each CAIR NO<sub>x</sub> Ozone Season source and each CAIR NO<sub>x</sub> Ozone Season unit shall meet the requirements of the CAIR NO<sub>x</sub> Ozone Season Trading Program.  
 (2) Any provision of the CAIR NO<sub>x</sub> Ozone Season Trading Program that applies to a CAIR NO<sub>x</sub> Ozone Season source or the CAIR designated representative of a CAIR NO<sub>x</sub> Ozone Season source shall also apply to the owners and operators of such source and of the CAIR NO<sub>x</sub> Ozone Season units at the source.  
 (3) Any provision of the CAIR NO<sub>x</sub> Ozone Season Trading Program that applies to a CAIR NO<sub>x</sub> Ozone Season unit or the CAIR designated representative of a CAIR NO<sub>x</sub> Ozone Season unit shall also apply to the owners and operators of such unit.

Effect on Other Authorities.


No provision of the CAIR NO<sub>x</sub> Ozone Season Trading Program, a CAIR Part, or an exemption under 40 CFR 96.305 shall be construed as exempting or excluding the owners and operators, and the CAIR designated representative, of a CAIR NO<sub>x</sub> Ozone Season source or CAIR NO<sub>x</sub> Ozone Season unit from compliance with any other provision of the applicable, approved State Implementation Plan, a federally enforceable permit, or the Clean Air Act.

**STEP 4**

**Certification (for designated representative or alternate designated representative only)**

**Read the certification statement; provide name, title, owner company name, phone, and e-mail address; sign, and date.**

I am authorized to make this submission on behalf of the owners and operators of the CAIR source or CAIR units for which the submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Leonard J. Fagan Name	Vice President of Engineering Title
Gainesville Renewable Energy Center, LLC Company Owner Name	
(617) 904-3100 ext. 122 Phone	lenfagan@emienergy.com E-mail Address
	
April 8, 2014 Date	

**SECTION VI. APPENDICES.**

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**The Following Appendices Are Enforceable Parts of This Permit:**

Appendix A, Glossary

Appendix AS, Requirements (Excerpts) of GREC Settlement Agreement Related to Air Issues

Appendix BMP, Best Management Practices Plan.

Appendix CAM, Compliance Assurance Monitoring Plan.

Appendix CEMS.

~~Appendix F, 40 CFR 75, Appendix F, Section 5—Measurement of Boiler Heat Input Rate.~~

Appendix I, List of Insignificant Emissions Units and/or Activities.

Appendix NESHAP, Subpart A – General Provisions.

Appendix NESHAP Subpart DDDDD - Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters.

Appendix NESHAP, Subpart ZZZZZ - Stationary Reciprocating Internal Combustion Engines

Appendix NSPS, Subpart A – General Provisions.

Appendix NSPS, Subpart Da - Standards of Performance for Electric Utility Steam Generating Units

Appendix NSPS, Subpart IIII - Standards of Performance for Stationary Compression Ignition Internal Combustion Engines

Appendix RR, Facility-wide Reporting Requirements.

Appendix TR, Facility-wide Testing Requirements.

Appendix TV, Title V General Conditions.

Appendix U, List of Unregulated Emissions Units and/or Activities

**ATTACHMENT 2**

**SUPPORTING EXPLANATION/INFORMATION  
REGARDING REQUESTED CHANGES  
TO TITLE V OPERATION PERMIT**

## ATTACHMENT 2

### SUPPORTING EXPLANATION/INFORMATION REGARDING REQUESTED CHANGES TO TITLE V OPERATION PERMIT

Gainesville Renewable Energy Center, LLC (GREC LLC), is requesting Florida Department of Environmental Protection (FDEP) to concurrently process and approve three revisions to the air construction permit (Construction Permit) and air operation permit (Operation Permit) for the Gainesville Renewable Energy Center (Facility). Each of these revisions is discussed in the following paragraphs.

Please note that GREC LLC is not proposing any physical changes to the existing Facility. GREC LLC also is not proposing any changes in the method of operation at the Facility. Although GREC LLC is requesting a change to the averaging period for one parameter, GREC LLC is not requesting FDEP to increase any of the applicable emissions limits.

#### 1. Permitted Capacity of the Bubbling Fluidized Bed Boiler

GREC LLC respectfully requests FDEP to use a steam production rate, rather than a heat input rate, to establish the permitted capacity of the Facility's bubbling fluidized bed (BFB) boiler. It is appropriate to use a steam production rate for this purpose, because: (a) the steam production rate can be determined continuously using a steam flow meter; (b) the steam production rate more accurately reflects the physical limitations on the Facility's maximum capacity; (c) for many years the U.S. Environmental Protection Agency (EPA) has used steam production as a basis for setting capacity limits on boilers; and (d) FDEP has used steam production as a means of setting capacity limits in recent permits issued by FDEP.

The BFB boiler was designed to produce steam at a maximum rate of 930,000 pounds per hour (lb/hr) (4-hour average basis). This value should be used to establish the permitted capacity of the BFB boiler. The heat input rate should be provided in the permit for informational purposes, but the heat input rate should not be used as an enforceable limit.

The heat input rate for the BFB boiler is calculated in accordance with Title 40, Part 75, Code of Federal Regulations (CFR), Appendix F, Equation F-18, as follows:

#### Equation F-18

$$HI = Q_w \times \left( \frac{100 - \%H_2O}{100 \times F} \right) \times \left( \frac{20.9 - \%O_{2d}}{20.9} \right)$$

where: HI = heat input rate (million British thermal units per hour [MMBtu/hr]).  
Q<sub>w</sub> = hourly average volumetric flow rate, wet basis (standard cubic foot per hour [scfh]).  
%H<sub>2</sub>O = stack moisture content, percent volume (wet).  
%O<sub>2d</sub> = measure oxygen concentration dry basis (dry).

## **ATTACHMENT 2 (Continued)**

$F_d$  = fuel factor, dry (dry standard cubic foot per million British thermal unit [dscf/MMBtu]).

- 8,710 dscf/MMBtu (natural gas).
- 9,240 dscf/MMbtu (wood).

When calculating the Facility's heat input with Equation F-18, the calculation is performed by using assumed values for two of the variables: (1) the stack moisture content, and (2) the fuel factor. The stack moisture content has a major impact on the heat input calculation; variations in the stack moisture content can cause significant variations in the result.

This point is illustrated in the following three examples. In each example, Equation F-18 is used to calculate the maximum heat input for the Facility's BFB boiler. In each example, different values are used for the stack moisture content, but all other values used in the equation remain constant.

### Scenario #1

GREC LLC submitted its application for a prevention of significant deterioration (PSD) permit in November 2009. An assumed stack moisture content of 27.6 percent was used in the application, based on the information provided to GREC LLC from the boiler manufacturer.

### Scenario #2

GREC LLC performed two relative accuracy testing audits (RATAs) after constructing the Facility. The average stack moisture content determined during the RATAs was 21.4 percent.

### Scenario #3

On January 15, 2014, GREC submitted a petition to EPA, requesting a site-specific value for the stack moisture content to be used with the BFB boiler (see Appendix A). This request was made because GREC LLC had experienced performance issues with the Facility's continuous moisture monitoring system. In response to this request, EPA approved a site-specific default moisture value of 16.3 percent.

## ATTACHMENT 2 (Continued)

Scenarios	Hourly Average Volumetric Flow Rate (scfh [ $Q_w$ ])*	Measure Oxygen Concentration Dry Basis (% $O_{2d}$ )	Fuel Factor, Dry (dscf/MMBtu) ( $F_d$ )	Stack Moisture Content (% volume) (% $H_2O$ )	Heat Input Rate (MMBtu/hr) ( $HI$ )
1. PSD application	24,274,993	3.5	9,240	27.6	1,584
2. RATA	24,274,993	3.5	9,240	21.4	1,719
3. EPA site-specific default value	24,274,993	3.5	9,240	16.3	1,831

\*Maximum flow rate continuous emissions monitoring system (CEMS) monitoring plan.

In the initial application for a PSD permit, ECT calculated the heat input of the BFB boiler based on an assumed value for boiler efficiency that was provided by the boiler manufacturer. The calculation indicated the heat input to the BFB boiler would be 1,358 million British thermal units per hour (MMBtu/hr), assuming the boiler efficiency is 73.37 percent and the moisture content of the fuel is 50 percent (see Appendix B for detailed calculation). Consequently, the initial Construction Permit indicates that 1,358 MMBtu/hr is the maximum heat input.

The foregoing examples demonstrate the calculations concerning the heat input to the BFB boiler can vary significantly, depending on the assumptions used for the stack moisture content. Given the difficulties GREC LLC has experienced in measuring the stack moisture content, and given the wide variability in the calculations of heat input, ECT and GREC LLC believe it would be more appropriate to use the Facility's steam production rate as the basis for establishing the Facility's permitted capacity. This approach will more accurately reflect the performance of the Facility and compliance with any potential-to-emit parameters established by the permits.

For many years, EPA has used steam load (steam production rate) as a means of regulating a facility's maximum operating capacity. For example, this approach is used by EPA in 40 CFR 60, Subpart Eb, which was adopted in 1995. Under Subpart Eb, EPA regulates the operation of municipal waste combustor (MWC) units based on the "maximum demonstrated municipal waste combustor unit load," i.e., the maximum unit load that was achieved during the most recent successful stack test. "Municipal waste combustor unit load" is defined in 40 CFR 60.51b to mean "the steam load" of the MWC unit.

FDEP also has used steam production rates to establish the permitted capacity of some MWC units in Florida. Most recently, this approach was used by FDEP to set the maximum demonstrated MWC unit load for the new MWC units that are being built by the Solid Waste Authority of Palm Beach County (Authority) pursuant to FDEP Air Construction Permit No. 0990234-032-AC (PSD-FL-413C). In the Authority's permit, Specific Condition 5



## **ATTACHMENT 2 (Continued)**

establishes a maximum steam production rate, and Specific Condition 6 limits the operation of the MWC units to the steam production rate.

For the reasons set forth previously herein, GREC LLC requests FDEP to revise the Construction Permit and Operation Permit for the Facility by establishing a steam production rate (930,000 pounds per hour [lb/hr]; 4-hour average) as the Facility's permitted capacity. Although the calculated heat input rate for the Facility may be used for informational purposes, it should not be used as an enforceable limit.

### **2. Warm/Hot Startup**

GREC LLC respectfully requests FDEP to revise the Construction and Operation Permits to address warm and hot startups at the Facility.

Oxides of nitrogen (NO<sub>x</sub>) are controlled at the Facility by using a selective catalytic reduction (SCR) technology. The SCR system reduces NO<sub>x</sub> emissions by reacting ammonia with the NO<sub>x</sub> that is in the Facility's exhaust gas. This reaction occurs in the presence of a catalyst, which converts the NO<sub>x</sub> to nitrogen and water.

According to the SCR manufacturer's procedures and guidelines, ammonia should not be injected into the SCR until the catalyst has reached a temperature of 375 degrees Fahrenheit (°F). The catalyst is heated by the exhaust gas from the BFB boiler. Consequently, the BFB boiler must be operating to raise the catalyst temperature to the appropriate operating range. The SCR system will not control NO<sub>x</sub> efficiently until the catalyst reaches the appropriate temperature and ammonia is injected into the SCR system.

When the BFB boiler is taken offline, the temperature of the SCR catalyst decreases rapidly. (see Appendix C for graph representing catalyst temperature versus time during warm/hot startup events). If the Facility trips offline temporarily, GREC LLC may wish to resume operation of the BFB boiler relatively quickly. In these circumstances, the resumption of operations will not meet the definition of a cold startup, because the sand bed already is heated, but the catalyst in the SCR system may not be hot enough (375°F) to begin injecting ammonia. If the catalyst is not hot enough, GREC LLC must operate the BFB boiler until the exhaust gas heats the catalyst to the appropriate temperature. Until this temperature is achieved and the SCR system becomes operational, the NO<sub>x</sub> emissions from the Facility may be elevated.

Specific Condition B.12(a) of the Operation Permit authorizes excess emissions during a "cold startup" of the BFB boiler. This condition is followed by a "permitting note," which explains that:

*"A cold start-up of the BFB boiler is a complex procedure done infrequently and has an extended duration, because it is necessary to first heat the sand bed of the*

## ATTACHMENT 2 (Continued)

*BFB boiler, bring the boiler up to its operational temperatures and pressures, and start-up the steam turbine-electric generator.”*

GREC LLC requests FDEP to revise the Construction Permit and Operation Permit to address warm and hot startups. The provisions for a warm/hot startup should be substantially the same as the provisions for a cold startup. However, the duration of the warm/hot startup should be limited to 15 hours, rather than 19 hours, for a cold startup. To implement these concepts, GREC LLC requests FDEP to add the following text to the Construction and Operation Permits:

“Warm/Hot Startup: Excess emissions resulting from a warm/hot startup of the BFB boiler shall be permitted providing: (1) best operational practices to minimize emissions are adhered to, and (2) the duration of excess emissions shall be minimized but in no case exceed 15 hours unless specifically authorized by the Department for longer duration.

*(Permitting note: A warm/hot startup of the BFB boiler means a resumption of operations when the unit is temporarily offline and the SCR catalyst temperature is less than 375°F, but the BFB is still warm. A warm/hot startup is similar to a cold startup but shorter in duration.)”*

Specific Condition B.13.c of the Operation Permit provides that the “combined duration of excess emissions from the BFB boiler during startup and shutdown events shall not exceed 340 hours during any consecutive 12-month period.” GREC LLC is not requesting an increase in the number of hours of excess emissions that are allowed by the permits. Even if FDEP grants GREC LLC’s request to address warm and hot startups, GREC LLC will continue to be restricted to 340 hours of excess emissions during startup and shutdown events.

The approach proposed by GREC LLC in this case is consistent with the actions that EPA has taken when addressing startup and shutdown issues in EPA’s rules for industrial boilers that are major sources of hazardous air pollutants (Industrial Boiler maximum achievable control technology [MACT]). EPA recognizes that certain control technologies, including SCR, cannot be engaged during startup and shutdown because of the “operational constraints of the air pollution control technology.”

*“In the final [Industrial Boiler MACT] rule, the EPA is requiring sources to operate all continuous monitoring systems during startup and shutdown. For startup, we are requiring the sources to use one or a combination of the listed clean fuels and once the source start firing coal/solid fossil fuel, biomass/bio-based solids, heavy liquid fuel, or gas 2 (other) gases, they are required to engage all of the applicable control devices except limestone injection in FBC boilers, dry scrubber, fabric filter, SNCR, and SCR. The source is required to start the limestone injection in FBC boilers, dry scrubber, fabric filter, SNCR, and SCR systems as expeditiously as possible. During shutdown we are requiring the source while firing coal/solid fossil fuel, biomass/bio-based solids, heavy liquid*

## ATTACHMENT 2 (Continued)

*fuel, or gas 2 (other) gases during shutdown to operate all applicable control devices, except limestone injection in FBC boilers, dry scrubber, fabric filter, SNCR, and SCR. The source is required to keep records during periods of startup or shutdown concerning the date, duration, and fuel usage during startup and shutdown.*

*The EPA carefully considered fuels and potential operational constraints of air pollution control devices when designing its work practices for periods of startup and shutdown. The EPA is aware that SNCR and SCR systems with ammonia injection need to be operated within a prescribed and relatively narrow temperature window to provide NO<sub>x</sub> reductions. Further, the EPA is aware that dry scrubbers also need to be operated close to flue gas saturation temperature, and that fabric filters need to be operated at temperatures above the acid dew point. Because these devices have specific temperature requirements for proper operation, the EPA notes in its work practices that it is the responsibility of the operators of affected boilers and process heaters to start their SNCR, SCR, fabric filter, and dry scrubber systems appropriately to comply with relevant standards applicable during normal operation.”*

Summary of Public Comments and Responses for National Emissions Standards for Hazardous Air Pollutants for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters; E.O. 12866 NESHAP for Major Sources: Industrial, Commercial, and Institutional Boilers and Process Heaters 2060-AR13 Final Rule 20120822.

The same concepts are applicable here. Indeed, the same concepts are embodied in Specific Condition B.7.b of the Operating Permit, which contains the following language related to the SCR system:

*“Selective Catalytic Reduction (SCR) System: The permittee shall operate, and maintain an ammonia (NH<sub>3</sub>) based SCR system including reagent storage tank, pumps, metering system, injection grid, reactor and catalyst to reduce NO<sub>x</sub> emissions in the flue gas exhaust and achieve the NO<sub>x</sub> emissions standards specified in this subsection. The SCR shall be brought on line in accordance with the SCR manufacturer’s procedures and guidelines.”*

In this case, the manufacturer of the Facility’s SCR system has established procedures and guidelines that prohibit the injection of ammonia prior to the time when the catalyst achieves the minimum operating temperature. Until the minimum operating temperature is achieved, GREC LLC cannot operate the SCR system.

For the foregoing reasons, GREC LLC requests FDEP to revise the Construction Permit and Operation Permit to address warm and hot startups at the Facility.

## ATTACHMENT 2 (Continued)

### **3. 30-Day Averaging Period for Nitrogen Oxides Limit**

GREC LLC respectfully requests FDEP to revise the Construction Permit and the Operation Permit by changing the averaging period for one of the NO<sub>x</sub> emissions limits. The Facility currently is subject to a NO<sub>x</sub> emissions limit of 1.0 pound per megawatt-hour (lb/MWH), and compliance with this limit is determined on a 30-boiler-day rolling average basis by continuous emissions monitoring system (CEMS). In addition, the Facility is subject to a NO<sub>x</sub> emissions limit of 0.07 pound per million British thermal units (lb/MMBtu), and compliance with this limit is determined on a 24-hour rolling average basis by CEMS. GREC LLC wishes to change the averaging time for the 0.07-lb/MMBtu emissions limit from a 24-hour rolling average to a 30-boiler-operating-day average. This change would make the averaging times the same for both emissions limits. In both cases, compliance would continue to be determined by using CEMS.

Please note that GREC LLC is not requesting an increase in any NO<sub>x</sub> emissions limit.

In the initial PSD permit application, GREC LLC requested FDEP to set the NO<sub>x</sub> emissions limit based on a 30-day rolling average. GREC LLC continues to believe that a 30-day rolling average is more appropriate than a 24-hour rolling average for this NO<sub>x</sub> emissions limit. Among other things, the averaging period being requested is consistent with the averaging period authorized for other biomass facilities in the United States using similar control equipment. On, July 9, 2012, FDEP approved a final air construction permit for U.S. EcoGen Polk, LLC (Air Permit No. 1050444-001-AC). The facility is similar to the GREC facility. The woody biomass-fueled BFB boiler can produce steam to generate 63 megawatts (MW) of power. The facility avoided PSD for NO<sub>x</sub> and was given an emissions limit of 0.30 lb/MMBtu based on a 30-day rolling average with compliance demonstrated by CEMS. The 24-hour averaging period was derived from a determination of best available control technology (BACT), but this averaging period is inapplicable here, because GREC did not go through PSD/BACT review for NO<sub>x</sub>. Consequently, GREC LLC should not be subject to an emissions limit derived from a PSD/BACT analysis.

If this request is granted, it will help ensure the excess emissions associated with warm and hot startups do not cause an exceedance of any of the Facility's emissions limits for NO<sub>x</sub>. As noted previously herein, some excess emissions will occur during startups until the SCR is operational. These emissions are not significant from an environmental perspective, because the Facility is operating at a low load during startup; thus, the total mass emissions from the Facility during such conditions are less than the emissions authorized during normal operations. Nonetheless, the elevated concentrations of the emissions during startup can jeopardize compliance with an emissions limit based on short-term averaging periods. A longer averaging period helps reduce the regulatory significance of a temporary increase in NO<sub>x</sub> emissions during startups.

For these reasons, GREC LLC is requesting FDEP to change the averaging time applicable to the NO<sub>x</sub> emissions limit of 0.07 lb/MMBtu; the 24-hour averaging period should be changed to a 30-day averaging period.

**APPENDIX A**

**EPA LETTER APPROVING GREC'S PETITION REQUEST  
FOR SITE-SPECIFIC MOISTURE VALUE**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

Mr. Leonard J. Fagan  
Designated Representative  
Gainesville Renewable Energy Center  
11201 NW 13th Street  
Gainesville, FL 32653

OFFICE OF  
AIR AND RADIATION

Re: Petition Request for a Site-Specific Default Moisture Value for Unit BFB1 at the Gainesville Renewable Energy Center (Facility ID (ORISPL) 57241).

Dear Mr. Fagan:

The United States Environmental Protection Agency (EPA) has reviewed the January 15, 2014 petition submitted under 40 CFR 75.66 by Gainesville Renewable Energy Center, LLC (GREC), requesting approval of a site-specific default moisture value for Unit BFB1 at its Gainesville facility.<sup>1</sup> EPA approves the petition in part, with conditions, as discussed below.

### Background

GREC owns and operates the Gainesville facility, which is located in Alachua County, Florida. Gainesville Unit BFB1 is a bubbling fluidized bed boiler that serves a 100-MW generator and combusts primarily wood fuel, as well as pipeline natural gas during unit startup. According to GREC, Unit BFB1 is subject to the Acid Rain Program and the Clean Air Interstate Rule trading programs for sulfur dioxide (SO<sub>2</sub>) and annual and ozone-season nitrogen oxides (NO<sub>x</sub>). GREC is therefore required to continuously monitor and report the unit's SO<sub>2</sub>, NO<sub>x</sub>, and carbon dioxide (CO<sub>2</sub>) mass emissions, NO<sub>x</sub> emission rate, and heat input rate in accordance with 40 CFR Part 75.

To meet the Part 75 monitoring requirements, GREC has installed and certified continuous emission monitoring systems (CEMS) for SO<sub>2</sub>, NO<sub>x</sub>, and CO<sub>2</sub> as well as a continuous stack gas flow monitoring system. The Unit BFB1 CEMS include gas analyzers that measure SO<sub>2</sub>, NO<sub>x</sub>, and oxygen (O<sub>2</sub>) concentrations on a dry basis (i.e., exclusive of stack moisture), while stack gas flow rate is always measured on a wet basis (i.e., inclusive of stack moisture). Because dry-basis and wet-basis measurements are being combined, each of the equations from Appendix F of Part 75 that GREC uses to compute mass emissions and heat input rate requires the use of a moisture correction factor.<sup>2</sup>

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<sup>1</sup> The petition requests retroactive approval to November 18, 2013, the date of provisional certification of Unit BHB1's monitoring systems.

<sup>2</sup> According to Unit BFB1's monitoring plan, GREC uses Equation F-2 to compute SO<sub>2</sub> and CO<sub>2</sub> mass emissions (with the adjustments indicated in section 4.2 of Appendix F in the case of CO<sub>2</sub>), Equation F-26b to compute NO<sub>x</sub> mass emissions, and Equation F-18 to compute heat input rate. Each of these equations combines dry-basis and wet-basis measurements and includes a moisture correction factor computed as  $[(100 - \text{percent H}_2\text{O}) / 100]$ .

When moisture corrections are needed, under Part 75 a source generally can use either monitored moisture data from a continuous moisture monitoring system or, in certain situations, a conservative fuel-specific default moisture value.<sup>3</sup> In each of the Appendix F equations used by GREC to compute mass emissions and heat input, as the moisture percentage decreases, the reported mass emissions or heat input rate will increase. Therefore, for Unit BFB1, a “conservative” default moisture value would be a value that is conservatively low relative to the average actual stack moisture content at the unit and that therefore prevents under-reporting of mass emissions and heat input rate. For wood fuel, §75.11(b) generally authorizes the use of a fuel-specific default moisture value of 13.0% H<sub>2</sub>O without the need for specific EPA approval.<sup>4</sup> Use of a site-specific default value different from 13.0% H<sub>2</sub>O requires EPA approval.

In addition to the other continuous monitoring systems listed above, GREC has installed and certified a continuous moisture monitoring system at Unit BFB1 that computes stack moisture content from simultaneous wet-basis and dry-basis O<sub>2</sub> measurements, but GREC is dissatisfied with the system’s performance. According to GREC, there are maintenance and accuracy concerns associated with the wet/dry O<sub>2</sub> moisture measurement methodology,<sup>5</sup> and GREC has therefore decided to discontinue use of the continuous moisture monitoring system and to use a default moisture value instead. However, according to GREC, the 13.0% H<sub>2</sub>O default moisture value provided in §75.11(b) for wood fuel is much lower than the actual moisture content of Unit BFB1’s stack gas and is not appropriate.<sup>6</sup> For this reason, GREC submitted the January 15, 2014 petition seeking approval to use a higher, but still conservative, site-specific default moisture value to compute the unit’s mass emissions and heat input rate.

Specifically, GREC seeks approval to use a site-specific default moisture value of 21.4% H<sub>2</sub>O. According to the petition, this value represents the tenth percentile value of data collected using EPA Method 4 during the initial relative accuracy test audit (RATA) of the wet/dry O<sub>2</sub> moisture monitoring system at Unit BFB1. GREC further proposes to re-evaluate the appropriateness of the default moisture value each year during the unit’s annual quality assurance RATAs. The approved default value prior to the annual RATA would continue to be used unless the average moisture percentage measured during the RATA is less than the approved default moisture value by a difference of more than 1.0% H<sub>2</sub>O (e.g., if the approved default value moisture prior to the RATA were 21.4% but the average moisture percentage measured during the RATA were less than 20.4%). If this should occur, the average moisture percentage from the annual RATA would become the new approved default moisture value. According to the petition, this proposed approach – i.e., determining a site-specific default moisture value based on the tenth percentile value of site-specific stack moisture content data, and then adjusting the approved default value if a subsequent RATA shows that the previously approved default value is

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<sup>3</sup> See §75.11(b); see also 64 FR 28564, 28568 (May 26, 1999).

<sup>4</sup> Although by its terms §75.11(b) applies to only SO<sub>2</sub> monitoring, in the circumstances here §§75.71(b)(2) and 75.13(c), respectively, extend its application to NO<sub>x</sub> mass and CO<sub>2</sub> monitoring.

<sup>5</sup> See the March 17, 2014 e-mail from Ali Leaphart of GREC to Carlos Martinez of EPA.

<sup>6</sup> GREC also notes that the engineered design range of stack moisture for optimum performance of the unit is 22% to 27% H<sub>2</sub>O.

insufficiently conservative – is consistent with approaches for determination of site-specific default moisture values approved by EPA at other units.

### EPA's Determination

EPA agrees that, based on measurements taken at Unit BFB1, a default moisture value of 13.0% H<sub>2</sub>O is likely lower than the average actual moisture value for the unit, with the consequence that use of a 13.0% H<sub>2</sub>O value in mass emission computations would result in reported mass emissions higher than the unit's actual mass emissions. Further, GREC is correct that the approach of setting a site-specific default moisture value based on the tenth percentile value of site-specific measurements, and updating the site-specific default value if lower moisture values are measured in subsequent RATAs, has been approved by EPA for other units.<sup>7</sup> However, EPA has not previously approved site-specific default moisture values based solely on results from a single RATA when additional relevant site-specific data were available. Notably, when data from continuous moisture monitoring systems have been available, EPA has considered those data as well.<sup>8</sup>

In the case of Unit BFB1, quality-assured data from the unit's continuous moisture monitoring system are available for the period from November 18, 2013 (when the units' monitoring systems were provisionally certified) through December 31, 2013 (after which GREC elected to begin using a default moisture value instead of monitored moisture data from the continuous moisture monitoring system). Excluding data reported for hours when substitute data were reported or when the unit was starting up or shutting down, EPA determined that the remaining monitored moisture data ranged from 15.0% to 30.0% H<sub>2</sub>O, with a median value of 18.8% H<sub>2</sub>O and a tenth percentile value of 16.3% H<sub>2</sub>O. The 21.4% H<sub>2</sub>O value requested by GREC is higher than the ninetieth percentile value of the screened monitored data. Based on this analysis, EPA concludes that the 21.4% H<sub>2</sub>O value requested by GREC is not sufficiently conservative, but that the tenth percentile value of 16.3% H<sub>2</sub>O is a sufficiently conservative site-specific default moisture value for use at Unit BFB1 based on currently available data.

For the reasons discussed above, EPA conditionally approves GREC's petition to use a site-specific default moisture value for Unit BFB1 at its Gainesville facility, subject to adjustment if necessary based on the results of annual RATAs. EPA approves use of the site-specific default moisture value retroactively to either November 18, 2013 or January 1, 2014 (the date as of which GREC began using a default moisture value instead of monitored moisture data) at GREC's election. However, EPA does not approve the site-specific default moisture value of 21.4% H<sub>2</sub>O requested by GREC in the January 15, 2014 petition, but instead approves a site-specific default moisture value of 16.3% H<sub>2</sub>O. The terms and conditions of this approval are as follows:

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<sup>7</sup> See, e.g., EPA response to petition to use site-specific default moisture value at Taconite Harbor power plant (May 20, 2004), available at <http://www.epa.gov/airmarkets/emissions/petitions.html>.

<sup>8</sup> See, e.g., EPA responses to petition to use default moisture value at Glens Falls cement kiln (June 24, 2004) and petition to use site-specific default moisture values at Elizabethtown and Lumberton power plants (Mar. 15, 2004), available at <http://www.epa.gov/airmarkets/emissions/petitions.html>.



- (1) If GREC chooses to use the approved site-specific default moisture value starting with data reported for January 1, 2014, then GREC must modify Unit BFB1's electronic monitoring plan as follows, and must resubmit any previously submitted quarterly emission reports whose reported data are inconsistent with these changes:
  - i. The moisture monitoring system (ID # 105) and formula F-31 must be deactivated, each with a closeout date of December 31, 2013.
  - ii. The Monitoring Method Data record with code "MWD" for parameter "H2O" must be deactivated as of December 31, 2013. A new record, with code "MDF", must be activated as of January 1, 2014. In the new record, the Substitute Data Code should be left blank.
  - iii. The approved default moisture value of 16.3% H<sub>2</sub>O must be added to the monitoring plan, using a Monitoring Default Data record with an activation date of January 1, 2014.
  - iv. The Monitoring Default Data record for the minimum potential moisture value (code "H2ON") must be closed out as of December 31, 2013.
- (2) If GREC elects November 18, 2013 as the start date for use of the approved site-specific default moisture value, then GREC must meet the conditions stated under (1) above except that November 18, 2013 should be substituted for January 1, 2014 and November 17, 2013 should be substituted for December 31, 2013.
- (3) GREC must modify the programming of the data acquisition and handling system (DAHS) to ensure that the approved default moisture value is being correctly applied to the emissions and heat input rate calculations.
- (4) GREC must re-evaluate the appropriateness of the default moisture value each year during the annual RATA testing. GREC must continue to use the approved default moisture value prior to each annual RATA (e.g., initially 16.3% H<sub>2</sub>O) unless the average moisture value measured during that RATA is less than the default moisture value in use prior to that RATA by a difference of more than 1.0% H<sub>2</sub>O. If this should occur, GREC must use the average moisture percentage from that RATA as the new default moisture value.
- (5) If and when a new default moisture value is determined, GREC must modify its electronic monitoring plan to reflect the change, and must ensure that the new moisture default value is applied to the emissions and heat input rate calculations, starting with the first unit operating hour after completion of the RATA testing.

Finally, EPA notes that the following additional corrections to the electronic monitoring plan for Unit BFB1 are necessary. First, the O<sub>2</sub> monitoring system (ID # 103) is not required by

Part 75 and should be deactivated.<sup>9</sup> Second, the Analyzer Range Data for the wet-basis O<sub>2</sub> component should be closed out because this component has been used only in the moisture monitoring system that is being deactivated.

EPA's determination relies on the accuracy and completeness of the January 15, 2014 petition, and is appealable under 40 CFR Part 78. If you have any questions regarding this determination, please contact Carlos R. Martinez at (202) 343-9747 or by e-mail at [martinez.carlos@epa.gov](mailto:martinez.carlos@epa.gov). Thank you for your continued cooperation.

Sincerely,



Reid P. Harvey, Director  
Clean Air Markets Division

cc: David McNeal, EPA Region IV  
Jim Pennington, Florida DEP  
Carlos R. Martínez, CAMD

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<sup>9</sup> Under §75.20(c)(3), for a diluent gas monitor that is used both as a CO<sub>2</sub> monitoring system and to determine heat input rate (which is the case for Unit BFB1's dry-basis O<sub>2</sub> monitor), only one set of certification test data is required, i.e., under the CO<sub>2</sub> system ID. Therefore, it is unnecessary to create and certify a separate O<sub>2</sub> monitoring system. If the O<sub>2</sub> monitor were used only to determine heat input rate, then a separate O<sub>2</sub> monitoring system would be required.

## **APPENDIX B**

### **DETAILED CALCULATION OF HEAT INPUT USING BOILER EFFICIENCY**

### GREC Overall Boiler Heat Balance for Len

Steam Flow = 930,000 lb/hr  
FSH Outlet T = 1005 F  
FSH Outlet P = 1634.5 psia  
FSH Outlet Enthalpy = 1488.88 BTU/lb

Drum Pressure = 1821.7 psia  
% Blowdown = 1.0  
Blowdown = 9,300 lb/hr  
Blowdown Enthalpy = 651.1 BTU/lb

Feedwater Flow = 939,300 lb/hr  
Feedwater Inlet T = 440 F  
Feedwater Inlet P = 1872.4 psia  
Feedwater Enthalpy = 420.1 BTU/lb

Boiler Heat Output : 930,000 X ( 1488.9 - 420.1 ) = 993.97 MMBTU/hr to steam  
9,300 X ( 651.1 - 420.1 ) = 2.15 MMBTU/hr to blowdown  
Total Boiler Heat Output = 996.11 MMBTU/hr

Boiler Efficiency = 73.37 %, with 50% moisture fuel  
Fuel Heat Input = ( 996.11 / 73.37 ) X 100 = 1357.66 MMBTU/hr

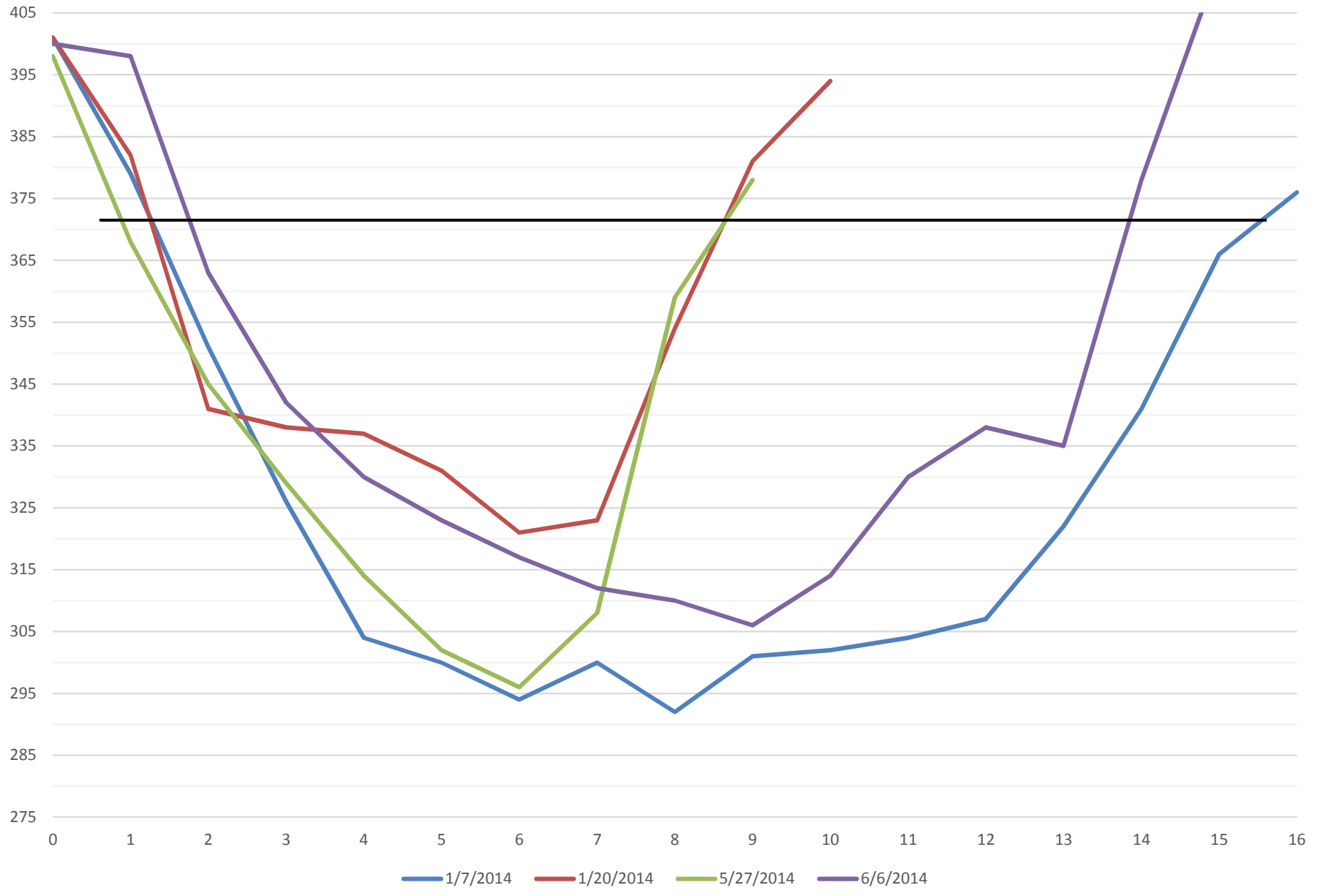
Fuel Flow Rate = 318,364 lb/hr  
Fuel HHV = 4264.5 BTU/lb  
Fuel Heat Input = ( 318,364 X 4264.5 ) / 1,000,000 = 1357.66 MMBTU/hr

Source: Metso, January 2010.

## **APPENDIX C**

### **CATALYST TEMPERATURE OF SCR VERSUS TIME DURING WARM/HOT STARTUP EVENTS**

Catalyst Temperature vs. Time (during warm/hot startups)



## **APPENDIX D**

### **SIX MONTHS OF DATA FOR STEAM FLOW**

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/1/2014 0:00	1,078.01	81.7	70.8	9240	3	16.3	13,895,103.89	629.676
9/1/2014 1:00	1,055.37	81.6	70.8	9240	3	16.3	13,603,370.93	628.513
9/1/2014 2:00	1,043.82	81.6	70.8	9240	3	16.3	13,454,418.96	627.601
9/1/2014 3:00	1,045.47	81.7	70.8	9240	3	16.3	13,475,703.11	628.705
9/1/2014 4:00	1,043.93	81.7	70.8	9240	3	16.3	13,455,857.74	627.331
9/1/2014 5:00	1,043.28	81.7	70.8	9240	3	16.3	13,447,507.08	628.388
9/1/2014 6:00	1,038.69	81.3	70.8	9240	3	16.3	13,388,371.31	625.356
9/1/2014 7:00	1,039.52	81.1	70.8	9240	3	16.3	13,398,988.89	624.510
9/1/2014 8:00	1,122.18	81.5	70.8	9240	3	16.3	14,464,403.09	628.952
9/1/2014 9:00	1,134.55	81.2	70.8	9240	3.1	16.3	14,706,079.89	628.125
9/1/2014 10:00	1,135.79	81.3	70.8	9240	3.1	16.3	14,722,162.20	628.785
9/1/2014 11:00	1,467.56	106.9	95.7	9240	3	16.3	18,916,230.99	833.250
9/1/2014 12:00	1,504.84	109.1	97.8	9240	2.9	16.3	19,289,047.09	849.639
9/1/2014 13:00	1,457.92	109.1	97.8	9240	2.9	16.3	18,687,676.49	849.389
9/1/2014 14:00	1,434.99	109.1	97.8	9240	3	16.3	18,496,416.74	849.671
9/1/2014 15:00	1,422.70	109.2	97.8	9240	2.9	16.3	18,236,172.03	850.121
9/1/2014 16:00	1,357.38	109.2	97.8	9240	2.8	16.3	17,302,771.87	849.824
9/1/2014 17:00	1,369.47	109.1	97.8	9240	2.7	16.3	17,360,991.07	849.843
9/1/2014 18:00	1,203.16	96.7	85.5	9240	2.9	16.3	15,422,065.33	751.961
9/1/2014 19:00	1,046.81	81.8	70.8	9240	3	16.3	13,493,033.00	629.259
9/1/2014 20:00	1,117.20	81.6	70.8	9240	3.1	16.3	14,481,228.69	627.543
9/1/2014 21:00	1,072.44	81.6	70.8	9240	3.1	16.3	13,901,052.60	628.701
9/1/2014 22:00	1,060.34	81.6	70.8	9240	3	16.3	13,667,304.63	628.956
9/1/2014 23:00	1,064.53	81.6	70.8	9240	3	16.3	13,721,419.01	628.947
9/2/2014 0:00	1,065.89	81.6	70.8	9240	3	16.3	13,738,867.20	628.872
9/2/2014 1:00	1,065.98	81.5	70.8	9240	3	16.3	13,740,114.78	628.913
9/2/2014 2:00	1,046.12	81.6	70.8	9240	3	16.3	13,484,076.47	628.024
9/2/2014 3:00	1,039.25	81.7	70.8	9240	3	16.3	13,395,547.29	628.055
9/2/2014 4:00	1,037.28	81.6	70.8	9240	3	16.3	13,370,187.00	626.983
9/2/2014 5:00	1,077.59	81.7	70.8	9240	2.9	16.3	13,812,571.22	628.066
9/2/2014 6:00	1,116.59	81.9	70.8	9240	3.1	16.3	14,473,207.85	628.609
9/2/2014 7:00	1,123.87	81.9	70.8	9240	3.1	16.3	14,567,615.24	630.268
9/2/2014 8:00	1,141.35	81.8	70.8	9240	3.1	16.3	14,794,196.80	631.829
9/2/2014 9:00	1,157.44	81.8	70.8	9240	3.2	16.3	15,087,521.50	631.686
9/2/2014 10:00	1,155.78	81.9	70.8	9240	3.2	16.3	15,065,833.44	633.887
9/2/2014 11:00	1,138.45	81.4	70.3	9240	3.2	16.3	14,839,960.52	631.927
9/2/2014 12:00	254.99	1.9	-8.0	9240	13.9	16.3	8,404,524.63	140.829
9/2/2014 13:00	524.29	37.1	27.0	9240	6.4	16.3	8,342,559.10	297.736
9/2/2014 14:00	1,019.41	69.9	59.3	9240	3.8	16.3	13,754,525.29	537.255
9/2/2014 15:00	1,108.78	81.6	70.8	9240	3.1	16.3	14,372,009.27	630.495
9/2/2014 16:00	1,111.78	81.9	70.8	9240	2.9	16.3	14,250,832.69	630.412
9/2/2014 17:00	1,108.83	81.9	70.8	9240	3	16.3	14,292,395.98	630.062
9/2/2014 18:00	1,070.60	81.8	70.8	9240	3.1	16.3	13,877,181.28	629.393
9/2/2014 19:00	1,049.53	81.7	70.8	9240	3.1	16.3	13,603,994.72	627.547
9/2/2014 20:00	1,043.70	81.6	70.8	9240	2.9	16.3	13,378,137.33	626.981
9/2/2014 21:00	1,049.74	81.6	70.8	9240	2.9	16.3	13,455,586.48	627.986
9/2/2014 22:00	1,072.19	81.7	70.8	9240	3	16.3	13,820,120.03	629.319
9/2/2014 23:00	1,076.52	81.7	70.8	9240	3	16.3	13,875,887.10	629.054
9/3/2014 0:00	1,070.28	81.6	70.8	9240	3	16.3	13,795,444.48	628.723
9/3/2014 1:00	1,061.11	81.6	70.8	9240	3	16.3	13,677,358.16	628.147
9/3/2014 2:00	1,042.15	81.6	70.8	9240	3	16.3	13,432,923.30	626.627
9/3/2014 3:00	1,043.74	81.7	70.8	9240	3	16.3	13,453,382.90	627.321
9/3/2014 4:00	1,047.84	81.9	71.1	9240	3	16.3	13,506,226.99	628.145
9/3/2014 5:00	1,222.04	96.0	84.8	9240	2.8	16.3	15,577,613.70	740.205
9/3/2014 6:00	1,034.98	81.6	70.8	9240	3	16.3	13,340,427.91	626.073
9/3/2014 7:00	1,046.00	81.9	70.8	9240	3	16.3	13,482,576.75	629.809
9/3/2014 8:00	1,043.36	81.9	70.8	9240	3.2	16.3	13,600,452.74	631.761
9/3/2014 9:00	1,047.60	81.9	70.9	9240	3	16.3	13,503,147.48	631.470
9/3/2014 10:00	1,054.49	81.8	70.9	9240	3	16.3	13,591,947.93	631.234
9/3/2014 11:00	1,054.12	82.0	70.9	9240	3.1	16.3	13,663,510.50	632.824
9/3/2014 12:00	1,067.96	81.9	70.9	9240	3	16.3	13,765,585.01	632.542
9/3/2014 13:00	1,089.71	81.9	70.9	9240	3.1	16.3	14,124,866.54	632.339
9/3/2014 14:00	1,129.45	82.6	71.6	9240	3.2	16.3	14,722,691.58	636.753
9/3/2014 15:00	1,227.60	92.7	81.4	9240	3	16.3	15,823,331.99	716.347
9/3/2014 16:00	1,221.98	95.3	83.8	9240	3	16.3	15,750,871.97	736.133
9/3/2014 17:00	1,224.37	95.3	83.8	9240	3	16.3	15,781,669.51	736.481
9/3/2014 18:00	1,093.05	84.9	73.7	9240	3	16.3	14,089,026.10	654.967
9/3/2014 19:00	1,047.90	81.8	70.8	9240	3.1	16.3	13,582,845.61	628.672
9/3/2014 20:00	1,048.22	81.7	70.9	9240	3	16.3	13,511,127.69	628.597
9/3/2014 21:00	1,070.96	81.8	70.8	9240	3.5	16.3	14,200,870.93	629.829
9/3/2014 22:00	1,071.93	81.9	70.8	9240	3.4	16.3	14,132,600.58	629.369
9/3/2014 23:00	1,068.00	81.9	70.8	9240	3.5	16.3	14,161,645.06	630.102
9/4/2014 0:00	1,050.20	81.8	70.8	9240	3.4	16.3	13,846,106.50	628.884
9/4/2014 1:00	1,039.83	81.8	70.8	9240	3.4	16.3	13,709,399.70	627.589
9/4/2014 2:00	1,041.98	81.8	70.8	9240	3.4	16.3	13,737,746.29	627.892



Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/4/2014 3:00	1,040.37	81.9	70.8	9240	3.4	16.3	13,716,416.74	628.620
9/4/2014 4:00	1,040.53	81.8	70.8	9240	3.4	16.3	13,718,610.76	628.140
9/4/2014 5:00	1,038.47	82.0	70.8	9240	3.3	16.3	13,613,594.16	628.819
9/4/2014 6:00	1,050.81	82.2	70.9	9240	3	16.3	13,544,520.77	630.370
9/4/2014 7:00	1,048.26	82.1	70.9	9240	3.1	16.3	13,587,620.83	630.233
9/4/2014 8:00	1,045.86	81.9	70.9	9240	3.1	16.3	13,556,403.85	631.010
9/4/2014 9:00	1,051.26	81.9	70.9	9240	3	16.3	13,550,324.88	631.072
9/4/2014 10:00	1,065.95	81.9	70.9	9240	3.1	16.3	13,816,830.20	631.625
9/4/2014 11:00	1,076.95	82.0	70.9	9240	3	16.3	13,881,508.38	631.915
9/4/2014 12:00	1,077.63	81.9	70.8	9240	3	16.3	13,890,182.88	631.637
9/4/2014 13:00	1,061.27	82.1	70.8	9240	3	16.3	13,679,381.30	632.674
9/4/2014 14:00	1,069.96	82.1	70.8	9240	3.1	16.3	13,868,889.18	632.780
9/4/2014 15:00	1,071.55	82.1	70.8	9240	3	16.3	13,811,918.75	632.674
9/4/2014 16:00	1,076.54	82.0	70.8	9240	3	16.3	13,876,124.90	632.327
9/4/2014 17:00	1,080.87	82.1	70.8	9240	4.7	16.3	15,394,028.24	633.337
9/4/2014 18:00	1,040.03	81.9	70.8	9240	4.8	16.3	14,904,384.16	631.270
9/4/2014 19:00	1,056.12	82.0	70.8	9240	5	16.3	15,325,303.79	639.931
9/4/2014 20:00	1,056.77	81.8	70.8	9240	4.7	16.3	15,050,728.64	632.617
9/4/2014 21:00	1,054.87	81.7	70.8	9240	3.6	16.3	14,068,400.40	633.688
9/4/2014 22:00	1,059.52	81.7	70.8	9240	3.1	16.3	13,733,553.04	629.766
9/4/2014 23:00	1,070.55	81.8	70.8	9240	3.1	16.3	13,876,436.80	629.830
9/5/2014 0:00	1,066.34	81.8	70.8	9240	3.1	16.3	13,821,972.28	629.173
9/5/2014 1:00	1,067.26	81.7	70.8	9240	3.1	16.3	13,833,876.87	629.599
9/5/2014 2:00	1,029.92	81.7	70.8	9240	3.1	16.3	13,349,868.41	628.400
9/5/2014 3:00	1,034.10	81.8	70.8	9240	3	16.3	13,329,106.48	628.454
9/5/2014 4:00	1,033.41	81.8	70.8	9240	3.1	16.3	13,395,053.75	627.634
9/5/2014 5:00	1,035.66	82.0	70.8	9240	3.1	16.3	13,424,260.75	629.042
9/5/2014 6:00	1,038.75	82.1	70.8	9240	3.1	16.3	13,464,251.42	629.677
9/5/2014 7:00	1,038.19	82.2	70.8	9240	3.1	16.3	13,457,105.32	631.226
9/5/2014 8:00	1,040.41	82.1	70.8	9240	3.1	16.3	13,485,776.96	632.405
9/5/2014 9:00	1,047.98	82.0	70.8	9240	3.1	16.3	13,583,958.16	633.077
9/5/2014 10:00	937.41	74.3	63.3	9240	3.4	16.3	12,359,055.67	576.003
9/5/2014 11:00	712.74	57.7	46.9	9240	4.9	16.3	10,277,881.91	445.477
9/5/2014 12:00	1,071.08	81.9	70.7	9240	3	16.3	13,805,789.59	633.605
9/5/2014 13:00	1,080.39	82.0	70.8	9240	3.2	16.3	14,083,102.49	632.831
9/5/2014 14:00	1,084.58	82.1	70.8	9240	3.2	16.3	14,137,778.52	631.652
9/5/2014 15:00	1,076.80	82.1	70.8	9240	3.1	16.3	13,957,448.24	631.262
9/5/2014 16:00	1,107.78	82.0	70.8	9240	3.1	16.3	14,359,006.48	629.625
9/5/2014 17:00	1,101.06	81.9	70.8	9240	3.2	16.3	14,352,656.25	629.287
9/5/2014 18:00	1,094.80	81.7	70.8	9240	3.2	16.3	14,271,060.45	627.634
9/5/2014 19:00	1,073.46	81.8	70.8	9240	3.2	16.3	13,992,811.87	628.556
9/5/2014 20:00	1,053.76	81.8	70.8	9240	3.1	16.3	13,658,896.61	628.873
9/5/2014 21:00	1,043.99	81.8	70.8	9240	3.1	16.3	13,532,180.00	628.746
9/5/2014 22:00	1,059.08	81.8	70.8	9240	3.1	16.3	13,727,797.92	629.110
9/5/2014 23:00	1,075.84	81.8	70.8	9240	3.1	16.3	13,945,084.77	629.944
9/6/2014 0:00	1,076.30	81.7	70.8	9240	3.1	16.3	13,951,051.40	628.398
9/6/2014 1:00	1,068.38	81.7	70.8	9240	3.1	16.3	13,848,311.28	628.428
9/6/2014 2:00	1,054.07	81.7	70.8	9240	3.1	16.3	13,662,871.18	627.948
9/6/2014 3:00	1,039.34	81.8	70.8	9240	3.1	16.3	13,471,989.05	628.567
9/6/2014 4:00	1,045.33	81.7	70.8	9240	3	16.3	13,473,835.32	627.812
9/6/2014 5:00	1,040.81	81.8	70.8	9240	3.1	16.3	13,490,989.55	628.050
9/6/2014 6:00	1,043.95	81.7	70.8	9240	3.1	16.3	13,531,678.10	627.799
9/6/2014 7:00	1,044.13	81.7	70.8	9240	3	16.3	13,458,401.90	627.422
9/6/2014 8:00	1,042.05	81.6	70.8	9240	3.1	16.3	13,507,126.83	626.731
9/6/2014 9:00	1,080.50	81.5	70.8	9240	3	16.3	13,927,256.56	625.967
9/6/2014 10:00	1,111.79	81.5	70.8	9240	3.2	16.3	14,492,517.85	626.605
9/6/2014 11:00	1,125.01	81.6	70.8	9240	3.3	16.3	14,748,131.94	627.189
9/6/2014 12:00	1,115.95	81.5	70.8	9240	3.2	16.3	14,546,644.18	626.965
9/6/2014 13:00	1,100.65	81.6	70.8	9240	3.2	16.3	14,347,201.07	626.696
9/6/2014 14:00	1,078.12	81.5	70.8	9240	3.1	16.3	13,974,613.22	627.420
9/6/2014 15:00	1,077.94	81.6	70.9	9240	3.1	16.3	13,972,317.62	627.837
9/6/2014 16:00	1,063.77	81.5	70.9	9240	3.2	16.3	13,866,544.59	626.815
9/6/2014 17:00	1,099.04	81.5	70.8	9240	3.2	16.3	14,326,263.48	627.282
9/6/2014 18:00	1,078.35	81.6	70.8	9240	3.1	16.3	13,977,658.08	628.325
9/6/2014 19:00	1,047.24	81.8	70.9	9240	3.1	16.3	13,574,349.16	629.238
9/6/2014 20:00	1,038.65	81.7	70.8	9240	3.1	16.3	13,463,028.94	628.694
9/6/2014 21:00	1,046.49	81.8	70.8	9240	3	16.3	13,488,788.36	628.138
9/6/2014 22:00	1,043.55	81.8	70.8	9240	3.1	16.3	13,526,454.76	628.144
9/6/2014 23:00	1,040.12	81.8	70.8	9240	3.1	16.3	13,482,030.63	628.176
9/7/2014 0:00	1,041.55	81.8	70.8	9240	3.1	16.3	13,500,600.93	628.367
9/7/2014 1:00	1,043.11	81.7	70.8	9240	3.1	16.3	13,520,872.91	627.220
9/7/2014 2:00	1,065.35	81.7	70.8	9240	3.1	16.3	13,809,090.18	628.874
9/7/2014 3:00	1,061.96	81.7	70.8	9240	3.1	16.3	13,765,163.18	627.865
9/7/2014 4:00	1,062.95	81.7	70.8	9240	3.1	16.3	13,778,013.01	627.241
9/7/2014 5:00	1,059.20	81.7	70.8	9240	3.1	16.3	13,729,337.08	628.234

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/7/2014 6:00	1,037.61	81.7	70.8	9240	3	16.3	13,374,336.04	626.612
9/7/2014 7:00	1,037.18	81.6	70.8	9240	3	16.3	13,368,862.94	626.356
9/7/2014 8:00	1,031.85	81.5	70.8	9240	3.1	16.3	13,374,898.88	627.532
9/7/2014 9:00	1,037.91	81.4	70.8	9240	3.1	16.3	13,453,376.92	627.328
9/7/2014 10:00	1,049.79	81.5	70.9	9240	3	16.3	13,531,387.72	627.990
9/7/2014 11:00	1,069.33	81.5	70.9	9240	3.1	16.3	13,860,715.38	627.646
9/7/2014 12:00	1,061.78	81.4	70.9	9240	3.1	16.3	13,762,775.57	626.025
9/7/2014 13:00	1,157.85	88.3	77.6	9240	3	16.3	14,924,190.09	680.577
9/7/2014 14:00	1,172.59	90.8	79.9	9240	3.1	16.3	15,199,096.26	701.980
9/7/2014 15:00	1,286.97	99.9	88.8	9240	3.1	16.3	16,681,717.22	773.896
9/7/2014 16:00	1,223.22	97.6	86.5	9240	3	16.3	15,766,856.29	755.167
9/7/2014 17:00	1,029.51	82.2	71.5	9240	3.1	16.3	13,344,506.45	633.961
9/7/2014 18:00	1,031.65	81.5	70.8	9240	3	16.3	13,297,599.11	626.183
9/7/2014 19:00	1,035.86	81.7	70.9	9240	3.1	16.3	13,426,904.09	627.682
9/7/2014 20:00	1,043.83	81.7	70.8	9240	3	16.3	13,454,616.14	627.694
9/7/2014 21:00	1,044.77	81.7	70.8	9240	3	16.3	13,466,713.12	627.066
9/7/2014 22:00	1,049.52	81.7	70.8	9240	3.1	16.3	13,603,845.35	627.579
9/7/2014 23:00	1,047.74	81.9	70.8	9240	5.2	16.3	15,397,309.71	631.992
9/8/2014 0:00	1,057.44	81.7	70.8	9240	5	16.3	15,344,525.37	629.938
9/8/2014 1:00	1,056.16	81.6	70.8	9240	3.8	16.3	14,250,412.05	627.853
9/8/2014 2:00	1,072.89	81.6	70.8	9240	3.1	16.3	13,906,856.72	628.587
9/8/2014 3:00	1,067.86	81.7	70.8	9240	3.1	16.3	13,841,578.65	628.132
9/8/2014 4:00	1,065.34	81.7	70.8	9240	3	16.3	13,731,881.23	628.274
9/8/2014 5:00	1,058.56	81.9	70.8	9240	3	16.3	13,644,371.38	629.005
9/8/2014 6:00	1,044.55	82.0	70.8	9240	3	16.3	13,463,869.02	629.003
9/8/2014 7:00	1,048.26	81.9	70.8	9240	2.9	16.3	13,436,585.98	628.968
9/8/2014 8:00	1,051.79	81.8	70.8	9240	3	16.3	13,557,168.65	629.024
9/8/2014 9:00	1,054.28	81.8	70.8	9240	3.1	16.3	13,665,543.20	630.320
9/8/2014 10:00	1,049.54	81.8	70.8	9240	3.1	16.3	13,604,135.73	630.937
9/8/2014 11:00	1,059.45	81.8	70.8	9240	3.1	16.3	13,732,677.10	631.367
9/8/2014 12:00	1,039.73	81.8	70.8	9240	3.1	16.3	13,477,052.26	631.622
9/8/2014 13:00	1,032.49	81.9	70.8	9240	3.1	16.3	13,383,128.85	630.303
9/8/2014 14:00	1,071.14	82.0	70.8	9240	3.1	16.3	13,884,185.18	631.107
9/8/2014 15:00	1,066.26	82.0	70.8	9240	3.1	16.3	13,820,875.27	631.594
9/8/2014 16:00	1,060.87	82.0	70.8	9240	3.1	16.3	13,750,983.31	632.426
9/8/2014 17:00	1,077.12	82.0	70.8	9240	3	16.3	13,883,652.21	633.230
9/8/2014 18:00	1,063.46	82.0	70.8	9240	3.1	16.3	13,784,626.14	632.196
9/8/2014 19:00	1,043.41	81.9	71.0	9240	3	16.3	13,449,135.87	632.055
9/8/2014 20:00	1,377.19	107.9	96.3	9240	2.8	16.3	17,555,308.83	837.686
9/8/2014 21:00	1,056.97	83.9	73.0	9240	3	16.3	13,623,910.59	644.851
9/8/2014 22:00	1,042.68	81.6	70.8	9240	3.1	16.3	13,515,222.95	626.692
9/8/2014 23:00	1,041.52	81.3	70.8	9240	3.1	16.3	13,500,256.77	624.776
9/9/2014 0:00	1,069.67	81.3	70.8	9240	3	16.3	13,787,675.78	625.048
9/9/2014 1:00	1,079.90	81.6	70.8	9240	3.1	16.3	13,997,652.82	628.647
9/9/2014 2:00	1,083.14	81.8	70.9	9240	3.1	16.3	14,039,658.26	628.735
9/9/2014 3:00	1,294.13	98.3	87.0	9240	3	16.3	16,680,852.04	763.223
9/9/2014 4:00	1,065.65	83.0	72.1	9240	3	16.3	13,735,776.93	638.393
9/9/2014 5:00	1,071.11	83.5	72.5	9240	3.2	16.3	13,962,152.95	641.564
9/9/2014 6:00	1,055.07	82.3	70.8	9240	4.8	16.3	15,119,845.05	631.260
9/9/2014 7:00	1,071.99	82.1	70.8	9240	5.1	16.3	15,653,996.91	631.821
9/9/2014 8:00	1,043.64	81.6	70.8	9240	4.5	16.3	14,682,541.97	630.225
9/9/2014 9:00	1,053.20	81.5	70.8	9240	3.5	16.3	13,965,380.65	627.105
9/9/2014 10:00	1,060.92	81.5	70.8	9240	3.1	16.3	13,751,707.48	627.598
9/9/2014 11:00	1,076.30	81.6	70.9	9240	3.1	16.3	13,950,997.63	628.696
9/9/2014 12:00	1,161.32	90.8	80.0	9240	3.1	16.3	15,052,993.17	700.627
9/9/2014 13:00	1,143.16	87.4	76.7	9240	3.1	16.3	14,817,635.53	673.999
9/9/2014 14:00	1,080.36	83.0	72.4	9240	3.1	16.3	14,003,630.21	639.650
9/9/2014 15:00	1,082.66	83.4	72.6	9240	3	16.3	13,955,073.77	642.232
9/9/2014 16:00	1,065.19	82.5	71.8	9240	3.1	16.3	13,807,038.37	633.737
9/9/2014 17:00	1,086.87	82.3	71.8	9240	3	16.3	14,009,366.21	632.735
9/9/2014 18:00	1,074.35	82.3	71.8	9240	3.1	16.3	13,925,789.10	632.345
9/9/2014 19:00	1,088.05	82.3	71.8	9240	3.2	16.3	14,182,984.17	632.409
9/9/2014 20:00	1,124.38	82.6	71.8	9240	3.1	16.3	14,574,176.98	634.777
9/9/2014 21:00	1,108.47	83.5	72.6	9240	3	16.3	14,287,735.48	641.645
9/9/2014 22:00	1,190.91	89.3	78.3	9240	3.1	16.3	15,436,567.85	688.687
9/9/2014 23:00	1,176.69	88.3	77.3	9240	3	16.3	15,167,127.62	679.750
9/10/2014 0:00	1,105.79	82.6	71.8	9240	3	16.3	14,253,247.78	635.526
9/10/2014 1:00	1,091.93	82.6	71.8	9240	3.1	16.3	14,153,679.19	634.768
9/10/2014 2:00	1,076.05	82.7	71.8	9240	3.1	16.3	13,947,827.29	634.812
9/10/2014 3:00	1,083.00	82.7	71.8	9240	3	16.3	13,959,460.62	634.915
9/10/2014 4:00	1,075.41	82.7	71.8	9240	3.1	16.3	13,939,485.00	634.994
9/10/2014 5:00	1,079.80	82.6	71.8	9240	3	16.3	13,918,246.26	634.394
9/10/2014 6:00	1,084.27	82.9	71.8	9240	3	16.3	13,975,795.07	636.836
9/10/2014 7:00	1,083.52	83.1	71.8	9240	3	16.3	13,966,153.81	639.088
9/10/2014 8:00	1,073.80	82.8	71.8	9240	3.1	16.3	13,918,663.32	638.394

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/10/2014 9:00	1,064.16	82.8	71.8	9240	3.1	16.3	13,793,663.93	639.413
9/10/2014 10:00	1,045.09	83.0	71.8	9240	3	16.3	13,470,832.29	640.464
9/10/2014 11:00	1,066.74	83.0	71.8	9240	3	16.3	13,749,888.69	640.241
9/10/2014 12:00	602.72	83.0	71.8	9240	4	16.3	8,228,489.18	640.128
9/10/2014 13:00	1,073.71	83.0	71.8	9240	2.5	16.3	13,463,595.37	639.577
9/10/2014 14:00	1,081.23	83.0	71.8	9240	3.1	16.3	14,014,944.47	640.219
9/10/2014 15:00	1,157.78	86.2	75.1	9240	3	16.3	14,923,302.21	664.504
9/10/2014 16:00	1,103.34	83.9	72.9	9240	3	16.3	14,221,598.21	647.031
9/10/2014 17:00	1,078.40	83.9	72.8	9240	3	16.3	13,900,214.91	648.517
9/10/2014 18:00	1,081.35	83.7	72.8	9240	3.1	16.3	14,016,542.18	647.037
9/10/2014 19:00	1,100.10	83.6	72.8	9240	3	16.3	14,179,907.05	645.576
9/10/2014 20:00	1,121.38	83.7	72.8	9240	3	16.3	14,454,158.35	645.030
9/10/2014 21:00	1,068.14	83.7	72.8	9240	3.1	16.3	13,845,273.59	645.709
9/10/2014 22:00	1,095.00	83.7	72.8	9240	3.1	16.3	14,193,353.19	646.766
9/10/2014 23:00	1,175.27	83.6	72.8	9240	3.2	16.3	15,319,964.53	645.184
9/11/2014 0:00	1,172.71	83.5	72.8	9240	3.1	16.3	15,200,728.63	644.661
9/11/2014 1:00	1,182.28	83.5	72.8	9240	3.2	16.3	15,411,299.58	643.886
9/11/2014 2:00	1,136.21	83.6	72.8	9240	3	16.3	14,645,293.82	643.651
9/11/2014 3:00	1,144.82	83.5	72.8	9240	3.1	16.3	14,839,242.32	643.034
9/11/2014 4:00	1,135.50	83.6	72.8	9240	3.1	16.3	14,718,418.26	643.055
9/11/2014 5:00	1,133.32	83.6	72.8	9240	3	16.3	14,608,061.21	643.423
9/11/2014 6:00	1,110.70	83.8	72.8	9240	3.1	16.3	14,396,946.53	644.494
9/11/2014 7:00	1,089.70	83.9	72.8	9240	3	16.3	14,045,856.73	644.934
9/11/2014 8:00	1,108.93	83.8	72.8	9240	3.1	16.3	14,373,920.08	647.597
9/11/2014 9:00	1,103.24	83.9	72.8	9240	3.2	16.3	14,380,955.04	647.293
9/11/2014 10:00	1,096.91	84.0	72.8	9240	3.1	16.3	14,218,216.36	647.284
9/11/2014 11:00	1,106.91	83.9	72.8	9240	3.1	16.3	14,347,826.06	647.241
9/11/2014 12:00	1,114.60	83.9	72.8	9240	3	16.3	14,366,815.80	646.569
9/11/2014 13:00	1,123.69	83.9	72.8	9240	3	16.3	14,483,875.61	646.558
9/11/2014 14:00	1,120.62	83.5	72.8	9240	3	16.3	14,444,366.52	643.764
9/11/2014 15:00	1,142.87	83.6	72.8	9240	3.1	16.3	14,813,880.84	644.538
9/11/2014 16:00	1,135.93	83.9	72.8	9240	3.1	16.3	14,723,992.94	648.532
9/11/2014 17:00	1,102.30	83.8	72.8	9240	3	16.3	14,208,244.08	647.210
9/11/2014 18:00	1,093.85	83.6	72.8	9240	3	16.3	14,099,294.74	645.328
9/11/2014 19:00	1,097.10	83.6	72.8	9240	3	16.3	14,141,149.61	644.502
9/11/2014 20:00	1,096.06	83.6	72.8	9240	3	16.3	14,127,825.36	643.893
9/11/2014 21:00	1,126.20	83.6	72.8	9240	3	16.3	14,516,341.37	643.094
9/11/2014 22:00	1,113.39	83.6	72.8	9240	3	16.3	14,351,227.03	643.032
9/11/2014 23:00	1,165.97	86.6	75.8	9240	3	16.3	15,028,868.51	666.474
9/12/2014 0:00	1,222.63	90.7	79.8	9240	3.1	16.3	15,847,786.47	701.094
9/12/2014 1:00	1,106.52	81.5	70.8	9240	3	16.3	14,262,657.21	627.045
9/12/2014 2:00	1,106.35	81.7	70.8	9240	3	16.3	14,260,444.07	628.321
9/12/2014 3:00	1,096.87	81.6	70.8	9240	3.1	16.3	14,217,592.57	626.806
9/12/2014 4:00	1,111.74	81.6	70.8	9240	3	16.3	14,329,852.06	626.830
9/12/2014 5:00	1,107.87	81.6	70.8	9240	3.1	16.3	14,360,242.11	626.677
9/12/2014 6:00	1,104.94	82.0	70.8	9240	3	16.3	14,242,249.00	630.032
9/12/2014 7:00	1,081.62	82.0	70.8	9240	3	16.3	13,941,658.70	630.713
9/12/2014 8:00	1,083.24	82.0	70.8	9240	3	16.3	13,962,540.13	632.762
9/12/2014 9:00	1,077.58	82.0	70.8	9240	3	16.3	13,889,529.22	632.159
9/12/2014 10:00	1,082.66	82.1	70.8	9240	3	16.3	13,955,094.09	633.007
9/12/2014 11:00	1,083.03	82.0	70.8	9240	3	16.3	13,959,792.83	632.712
9/12/2014 12:00	1,071.23	81.9	70.8	9240	3.1	16.3	13,885,332.38	631.632
9/12/2014 13:00	1,076.27	81.9	70.8	9240	3	16.3	13,872,662.99	631.493
9/12/2014 14:00	1,079.72	82.1	70.8	9240	3	16.3	13,917,143.28	634.107
9/12/2014 15:00	1,076.42	82.0	70.8	9240	3	16.3	13,874,604.86	632.767
9/12/2014 16:00	1,081.65	81.8	70.8	9240	3	16.3	13,942,091.29	632.237
9/12/2014 17:00	1,085.08	81.8	70.8	9240	3	16.3	13,986,210.69	631.543
9/12/2014 18:00	1,067.88	81.7	70.8	9240	3	16.3	13,764,539.39	631.394
9/12/2014 19:00	1,067.50	81.6	70.8	9240	3	16.3	13,759,678.13	630.393
9/12/2014 20:00	1,072.08	81.7	70.8	9240	3	16.3	13,818,711.13	630.096
9/12/2014 21:00	1,078.60	81.7	70.8	9240	3	16.3	13,902,712.46	630.178
9/12/2014 22:00	1,104.25	82.0	71.0	9240	3.1	16.3	14,313,266.66	633.079
9/12/2014 23:00	1,320.09	96.9	85.6	9240	3	16.3	17,015,465.19	750.283
9/13/2014 0:00	1,304.28	97.0	85.8	9240	3	16.3	16,811,698.57	750.335
9/13/2014 1:00	1,290.45	96.6	85.4	9240	2.9	16.3	16,541,038.24	747.546
9/13/2014 2:00	1,081.10	81.9	70.9	9240	3	16.3	13,934,976.26	630.067
9/13/2014 3:00	1,089.64	81.7	70.8	9240	3	16.3	14,044,971.23	629.413
9/13/2014 4:00	1,084.33	81.7	70.8	9240	3	16.3	13,976,589.75	629.106
9/13/2014 5:00	1,092.10	81.7	70.8	9240	3	16.3	14,076,709.24	628.018
9/13/2014 6:00	1,076.56	81.6	70.8	9240	3	16.3	13,876,446.36	627.940
9/13/2014 7:00	1,075.77	81.6	70.8	9240	3	16.3	13,866,302.00	628.761
9/13/2014 8:00	1,064.11	81.5	70.8	9240	3.1	16.3	13,792,999.51	628.829
9/13/2014 9:00	1,059.52	81.5	70.8	9240	3.2	16.3	13,811,063.13	626.826
9/13/2014 10:00	1,070.80	81.5	70.8	9240	3.1	16.3	13,879,707.51	627.753
9/13/2014 11:00	1,056.10	81.5	70.8	9240	3.1	16.3	13,689,173.13	627.426

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/13/2014 12:00	1,057.06	81.5	70.8	9240	3.1	16.3	13,701,671.63	627.993
9/13/2014 13:00	1,053.93	81.4	70.8	9240	3.1	16.3	13,661,004.59	627.524
9/13/2014 14:00	1,048.33	81.6	70.8	9240	3.1	16.3	13,588,506.33	627.473
9/13/2014 15:00	1,045.77	81.5	70.8	9240	3	16.3	13,479,598.81	627.195
9/13/2014 16:00	1,047.32	81.4	70.8	9240	3	16.3	13,499,513.48	626.556
9/13/2014 17:00	1,066.04	81.5	70.8	9240	3	16.3	13,740,859.27	627.501
9/13/2014 18:00	1,065.34	81.5	70.8	9240	3	16.3	13,731,811.92	628.736
9/13/2014 19:00	1,083.52	81.5	70.8	9240	3.1	16.3	14,044,648.58	628.961
9/13/2014 20:00	1,088.50	81.6	70.8	9240	3.1	16.3	14,109,207.26	630.586
9/13/2014 21:00	1,098.48	81.6	70.8	9240	3	16.3	14,158,962.28	629.608
9/13/2014 22:00	1,096.74	82.0	71.2	9240	2.9	16.3	14,057,984.78	632.661
9/13/2014 23:00	1,246.71	95.9	84.8	9240	3	16.3	16,069,648.98	741.393
9/14/2014 0:00	1,262.62	99.9	88.6	9240	3	16.3	16,274,734.88	772.757
9/14/2014 1:00	1,079.09	85.9	75.0	9240	3.7	16.3	14,475,060.10	662.987
9/14/2014 2:00	1,033.33	81.7	70.8	9240	3.3	16.3	13,546,188.99	628.658
9/14/2014 3:00	1,058.53	81.6	70.8	9240	3.1	16.3	13,720,712.76	628.339
9/14/2014 4:00	1,060.21	81.6	70.8	9240	3	16.3	13,665,724.84	627.861
9/14/2014 5:00	1,057.54	81.6	70.8	9240	3	16.3	13,631,331.54	628.395
9/14/2014 6:00	1,052.82	81.6	70.8	9240	3	16.3	13,570,461.83	627.301
9/14/2014 7:00	1,058.77	81.5	70.8	9240	3	16.3	13,647,076.86	627.350
9/14/2014 8:00	1,056.14	81.3	70.8	9240	3.1	16.3	13,689,655.91	626.931
9/14/2014 9:00	1,052.46	81.3	70.8	9240	3.1	16.3	13,641,953.90	627.602
9/14/2014 10:00	1,056.37	81.5	70.8	9240	3.1	16.3	13,692,755.74	628.129
9/14/2014 11:00	1,049.36	81.5	70.8	9240	3.1	16.3	13,601,789.95	627.817
9/14/2014 12:00	1,071.53	81.5	70.8	9240	3.1	16.3	13,889,237.64	628.435
9/14/2014 13:00	1,058.78	81.5	70.8	9240	3.1	16.3	13,723,911.78	629.102
9/14/2014 14:00	1,061.54	81.5	70.8	9240	3.1	16.3	13,759,739.07	628.681
9/14/2014 15:00	1,072.76	81.5	70.8	9240	3	16.3	13,827,507.52	628.316
9/14/2014 16:00	1,064.12	81.5	70.8	9240	3	16.3	13,716,152.64	628.681
9/14/2014 17:00	1,072.66	81.4	70.8	9240	3	16.3	13,826,219.31	627.867
9/14/2014 18:00	1,055.48	81.5	70.8	9240	3.1	16.3	13,681,152.29	629.060
9/14/2014 19:00	1,075.69	81.5	70.8	9240	3	16.3	13,865,255.18	629.743
9/14/2014 20:00	1,065.67	81.5	70.8	9240	3.1	16.3	13,813,206.96	629.816
9/14/2014 21:00	1,064.42	81.6	70.8	9240	3.1	16.3	13,796,974.08	630.135
9/14/2014 22:00	1,062.41	81.6	70.8	9240	3.2	16.3	13,848,811.98	630.311
9/14/2014 23:00	1,246.03	97.5	86.4	9240	3.5	16.3	16,522,404.60	753.136
9/15/2014 0:00	1,236.01	98.9	87.8	9240	3.6	16.3	16,484,279.32	765.840
9/15/2014 1:00	1,056.50	85.1	74.3	9240	3.5	16.3	14,009,185.76	656.813
9/15/2014 2:00	1,029.63	81.6	70.8	9240	3.1	16.3	13,346,033.66	628.161
9/15/2014 3:00	1,044.04	81.6	70.8	9240	3.1	16.3	13,532,864.74	627.343
9/15/2014 4:00	1,060.26	81.6	70.8	9240	3.1	16.3	13,743,103.48	627.062
9/15/2014 5:00	1,074.75	81.8	70.8	9240	3.1	16.3	13,930,926.41	628.404
9/15/2014 6:00	1,053.33	81.9	70.8	9240	3.1	16.3	13,653,295.64	629.407
9/15/2014 7:00	1,042.86	81.9	70.8	9240	3	16.3	13,442,091.34	630.216
9/15/2014 8:00	1,053.71	81.8	70.8	9240	3	16.3	13,581,894.39	630.676
9/15/2014 9:00	1,051.11	81.8	70.8	9240	3.1	16.3	13,624,453.12	632.081
9/15/2014 10:00	1,042.83	82.0	70.8	9240	3.1	16.3	13,517,125.39	633.453
9/15/2014 11:00	1,057.08	81.8	70.8	9240	3.1	16.3	13,701,923.78	631.968
9/15/2014 12:00	1,070.78	81.8	70.8	9240	3.1	16.3	13,879,435.05	631.012
9/15/2014 13:00	1,053.48	81.8	70.8	9240	3.1	16.3	13,655,198.08	632.513
9/15/2014 14:00	1,050.59	81.6	70.8	9240	3	16.3	13,541,670.69	631.246
9/15/2014 15:00	1,056.33	81.7	70.8	9240	3.1	16.3	13,692,212.01	631.321
9/15/2014 16:00	1,062.97	81.7	70.8	9240	3.1	16.3	13,778,195.85	629.978
9/15/2014 17:00	1,060.12	81.7	70.8	9240	3	16.3	13,664,557.32	629.820
9/15/2014 18:00	1,050.55	81.6	70.8	9240	3.1	16.3	13,617,237.71	628.961
9/15/2014 19:00	1,059.29	81.5	70.8	9240	3.1	16.3	13,730,544.03	628.334
9/15/2014 20:00	1,059.06	81.5	70.8	9240	3	16.3	13,650,870.99	628.495
9/15/2014 21:00	1,070.86	81.6	70.8	9240	3.1	16.3	13,880,563.13	630.363
9/15/2014 22:00	1,116.22	81.7	70.8	9240	3	16.3	14,387,678.11	631.869
9/15/2014 23:00	1,081.16	81.7	70.9	9240	3.1	16.3	14,014,064.95	630.058
9/16/2014 0:00	1,067.80	81.7	70.8	9240	3.1	16.3	13,840,871.21	630.062
9/16/2014 1:00	1,055.65	81.6	70.8	9240	3	16.3	13,606,953.54	628.884
9/16/2014 2:00	1,052.54	81.7	70.8	9240	3	16.3	13,566,879.22	629.510
9/16/2014 3:00	1,057.45	81.7	70.9	9240	3	16.3	13,630,129.37	629.053
9/16/2014 4:00	1,059.02	81.7	70.8	9240	3	16.3	13,650,397.77	628.727
9/16/2014 5:00	1,062.72	81.8	70.8	9240	3	16.3	13,697,988.64	628.897
9/16/2014 6:00	1,059.87	82.0	70.8	9240	3.1	16.3	13,738,072.53	629.863
9/16/2014 7:00	1,057.58	81.9	70.8	9240	3	16.3	13,631,809.54	629.417
9/16/2014 8:00	1,059.41	81.9	70.8	9240	3	16.3	13,655,359.41	630.454
9/16/2014 9:00	1,058.45	81.9	70.8	9240	3	16.3	13,643,021.03	630.341
9/16/2014 10:00	1,060.32	82.0	70.8	9240	3.2	16.3	13,821,599.44	631.907
9/16/2014 11:00	1,057.03	82.2	70.8	9240	5	16.3	15,338,497.79	634.927
9/16/2014 12:00	1,064.80	82.2	70.8	9240	4.7	16.3	15,165,080.58	632.539
9/16/2014 13:00	1,065.87	82.0	70.8	9240	3	16.3	13,738,635.37	630.927
9/16/2014 14:00	1,073.52	81.9	70.8	9240	2.9	16.3	13,760,362.86	630.644

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/16/2014 15:00	1,075.36	81.9	70.8	9240	2.9	16.3	13,783,972.48	631.661
9/16/2014 16:00	1,073.92	81.9	70.8	9240	3	16.3	13,842,361.37	631.374
9/16/2014 17:00	1,073.90	81.8	70.8	9240	3	16.3	13,842,109.23	631.124
9/16/2014 18:00	1,068.71	81.7	70.8	9240	3	16.3	13,775,266.90	629.790
9/16/2014 19:00	1,069.15	81.6	70.8	9240	3	16.3	13,780,932.40	627.605
9/16/2014 20:00	1,084.05	81.6	70.8	9240	3.1	16.3	14,051,462.47	628.352
9/16/2014 21:00	1,111.16	81.7	70.8	9240	3.1	16.3	14,402,833.10	629.783
9/16/2014 22:00	1,109.97	81.8	70.8	9240	3.2	16.3	14,468,730.18	628.326
9/16/2014 23:00	1,093.21	81.7	70.8	9240	3	16.3	14,091,074.33	628.891
9/17/2014 0:00	1,062.81	81.6	70.8	9240	3.1	16.3	13,776,122.52	627.222
9/17/2014 1:00	1,055.77	81.6	70.8	9240	3.1	16.3	13,684,896.22	626.962
9/17/2014 2:00	1,061.82	81.7	70.8	9240	3	16.3	13,686,415.07	627.470
9/17/2014 3:00	1,062.90	81.7	70.8	9240	3.1	16.3	13,777,380.86	627.402
9/17/2014 4:00	1,059.80	81.7	70.8	9240	3	16.3	13,660,360.48	627.226
9/17/2014 5:00	1,062.77	81.7	70.8	9240	3	16.3	13,698,752.25	628.037
9/17/2014 6:00	1,062.14	81.9	70.8	9240	3.1	16.3	13,767,538.84	628.892
9/17/2014 7:00	1,067.24	81.8	70.8	9240	3	16.3	13,756,256.84	628.396
9/17/2014 8:00	1,079.99	81.8	70.8	9240	3.1	16.3	13,998,840.65	628.757
9/17/2014 9:00	1,093.01	81.9	70.8	9240	3.1	16.3	14,167,596.16	630.207
9/17/2014 10:00	1,080.90	81.9	70.8	9240	3.2	16.3	14,089,771.78	631.148
9/17/2014 11:00	1,067.61	81.9	70.8	9240	3.2	16.3	13,916,610.31	631.288
9/17/2014 12:00	1,084.61	81.9	70.8	9240	3.1	16.3	14,058,689.83	631.874
9/17/2014 13:00	1,078.07	81.9	70.8	9240	3.2	16.3	14,052,902.45	632.072
9/17/2014 14:00	1,076.88	81.9	70.8	9240	3	16.3	13,880,530.87	632.217
9/17/2014 15:00	1,069.27	81.9	70.8	9240	3.1	16.3	13,859,859.76	631.826
9/17/2014 16:00	1,056.86	81.9	70.8	9240	3	16.3	13,622,495.71	631.937
9/17/2014 17:00	1,050.94	81.8	70.8	9240	3	16.3	13,546,180.62	630.658
9/17/2014 18:00	1,056.13	81.6	70.8	9240	3	16.3	13,613,165.15	630.643
9/17/2014 19:00	1,062.73	81.5	70.8	9240	3	16.3	13,698,218.08	629.151
9/17/2014 20:00	1,071.23	81.5	70.8	9240	3.3	16.3	14,043,109.42	630.979
9/17/2014 21:00	1,060.80	81.6	70.8	9240	3.7	16.3	14,229,794.71	628.795
9/17/2014 22:00	1,086.77	81.6	70.8	9240	3.2	16.3	14,166,378.45	630.644
9/17/2014 23:00	1,090.55	81.6	70.8	9240	3.2	16.3	14,215,614.84	629.530
9/18/2014 0:00	1,100.43	81.7	70.8	9240	3.1	16.3	14,263,735.10	629.447
9/18/2014 1:00	1,097.12	81.7	70.8	9240	3.2	16.3	14,301,181.62	628.938
9/18/2014 2:00	1,073.93	81.7	70.8	9240	3.1	16.3	13,920,283.74	628.017
9/18/2014 3:00	1,076.88	81.7	70.8	9240	3.1	16.3	13,958,534.49	627.894
9/18/2014 4:00	1,082.94	81.7	70.8	9240	3.1	16.3	14,037,149.96	627.462
9/18/2014 5:00	1,084.70	81.9	70.8	9240	3.1	16.3	14,059,878.86	628.976
9/18/2014 6:00	1,095.30	82.0	70.8	9240	3.8	16.3	14,778,435.94	629.054
9/18/2014 7:00	1,124.76	81.9	70.8	9240	5	16.3	16,321,308.81	630.090
9/18/2014 8:00	1,118.41	81.8	70.8	9240	4.4	16.3	15,638,969.78	630.697
9/18/2014 9:00	1,087.69	81.8	70.8	9240	3.3	16.3	14,258,913.28	628.582
9/18/2014 10:00	1,093.30	81.9	70.8	9240	3.3	16.3	14,332,403.39	632.585
9/18/2014 11:00	1,069.59	81.8	70.8	9240	3.2	16.3	13,942,399.60	631.368
9/18/2014 12:00	1,057.27	82.0	70.8	9240	3.6	16.3	14,100,431.18	632.442
9/18/2014 13:00	1,056.19	81.9	70.8	9240	3.2	16.3	13,767,761.11	631.030
9/18/2014 14:00	1,048.29	81.9	70.8	9240	3.1	16.3	13,588,010.40	631.039
9/18/2014 15:00	1,035.93	81.9	70.8	9240	3.1	16.3	13,427,704.74	629.702
9/18/2014 16:00	1,040.77	81.9	70.8	9240	3	16.3	13,415,098.68	630.364
9/18/2014 17:00	1,054.06	82.0	70.8	9240	3.1	16.3	13,662,700.29	632.653
9/18/2014 18:00	1,067.21	83.1	72.2	9240	3	16.3	13,755,927.02	641.246
9/18/2014 19:00	1,052.56	81.9	71.1	9240	3.1	16.3	13,643,335.32	631.282
9/18/2014 20:00	1,077.18	81.6	70.8	9240	3.1	16.3	13,962,374.03	628.509
9/18/2014 21:00	1,081.09	81.7	70.8	9240	3.1	16.3	14,013,108.95	627.883
9/18/2014 22:00	1,064.51	81.6	70.8	9240	3.2	16.3	13,876,194.21	626.668
9/18/2014 23:00	1,065.22	81.6	70.8	9240	3.2	16.3	13,885,351.50	626.931
9/19/2014 0:00	1,042.58	81.7	70.8	9240	3.2	16.3	13,590,314.36	626.373
9/19/2014 1:00	1,034.28	81.7	70.8	9240	3.2	16.3	13,482,086.80	625.968
9/19/2014 2:00	1,037.82	81.6	70.8	9240	3.2	16.3	13,528,197.07	625.074
9/19/2014 3:00	1,037.96	81.7	70.8	9240	3.3	16.3	13,606,906.94	625.305
9/19/2014 4:00	1,043.51	81.8	70.8	9240	3.2	16.3	13,602,417.32	626.078
9/19/2014 5:00	1,042.45	82.0	70.8	9240	3.2	16.3	13,588,666.46	627.712
9/19/2014 6:00	1,042.11	81.9	70.8	9240	3.3	16.3	13,661,410.89	627.904
9/19/2014 7:00	1,047.54	81.8	70.8	9240	3.3	16.3	13,732,551.63	627.325
9/19/2014 8:00	1,064.59	83.1	71.9	9240	3.2	16.3	13,877,183.67	638.114
9/19/2014 9:00	1,082.82	82.9	71.8	9240	3.2	16.3	14,114,890.68	638.371
9/19/2014 10:00	1,082.35	82.9	71.8	9240	3.2	16.3	14,108,741.21	638.911
9/19/2014 11:00	1,076.91	82.9	71.8	9240	3.2	16.3	14,037,806.01	639.534
9/19/2014 12:00	1,070.43	82.9	71.8	9240	3.1	16.3	13,874,916.76	640.381
9/19/2014 13:00	1,072.71	83.1	71.8	9240	3.1	16.3	13,904,433.26	641.497
9/19/2014 14:00	1,069.15	83.0	71.8	9240	3.2	16.3	13,936,587.12	640.964
9/19/2014 15:00	1,067.36	83.0	71.8	9240	3.1	16.3	13,835,175.84	638.664
9/19/2014 16:00	1,062.98	83.0	71.8	9240	3.2	16.3	13,856,158.84	637.492
9/19/2014 17:00	1,052.84	83.0	71.8	9240	3.2	16.3	13,723,993.04	637.581

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/19/2014 18:00	1,049.50	82.9	71.8	9240	3.2	16.3	13,680,457.99	635.971
9/19/2014 19:00	1,085.82	82.9	71.8	9240	3.1	16.3	14,074,437.54	636.663
9/19/2014 20:00	1,075.36	82.8	71.8	9240	3.2	16.3	14,017,609.32	635.286
9/19/2014 21:00	1,074.83	82.8	71.8	9240	3.3	16.3	14,090,267.71	635.369
9/19/2014 22:00	1,077.48	82.7	71.8	9240	3.2	16.3	14,045,223.38	634.876
9/19/2014 23:00	1,044.37	82.8	71.8	9240	3.3	16.3	13,690,953.68	634.137
9/20/2014 0:00	1,044.57	82.8	71.8	9240	3.3	16.3	13,693,540.85	634.937
9/20/2014 1:00	1,050.87	82.8	71.8	9240	3.2	16.3	13,698,421.23	634.363
9/20/2014 2:00	1,050.52	82.7	71.8	9240	3.2	16.3	13,693,821.68	633.933
9/20/2014 3:00	1,046.04	82.7	71.8	9240	3.2	16.3	13,635,392.15	633.587
9/20/2014 4:00	1,049.06	82.8	71.8	9240	3.2	16.3	13,674,701.68	634.350
9/20/2014 5:00	1,043.73	82.7	71.8	9240	3.2	16.3	13,605,262.62	633.663
9/20/2014 6:00	1,042.27	82.6	71.8	9240	3.2	16.3	13,586,222.68	632.905
9/20/2014 7:00	1,044.74	82.7	71.8	9240	3.3	16.3	13,695,885.44	633.498
9/20/2014 8:00	1,052.68	82.7	71.8	9240	3.2	16.3	13,721,960.34	633.750
9/20/2014 9:00	1,043.36	82.6	71.8	9240	3.2	16.3	13,600,421.67	634.117
9/20/2014 10:00	1,044.55	82.6	71.8	9240	3.2	16.3	13,616,010.45	634.228
9/20/2014 11:00	1,037.73	82.6	71.8	9240	3.3	16.3	13,603,913.46	635.446
9/20/2014 12:00	1,040.21	82.6	71.8	9240	3.3	16.3	13,636,419.85	635.793
9/20/2014 13:00	1,174.24	92.6	81.6	9240	3	16.3	15,135,493.58	714.334
9/20/2014 14:00	1,182.10	93.4	82.4	9240	3	16.3	15,236,765.05	719.786
9/20/2014 15:00	1,051.11	83.5	72.7	9240	3.2	16.3	13,701,430.24	641.602
9/20/2014 16:00	1,039.83	81.6	70.8	9240	3.3	16.3	13,631,488.09	627.430
9/20/2014 17:00	1,054.66	82.7	71.9	9240	3.2	16.3	13,747,742.47	634.723
9/20/2014 18:00	1,305.39	103.1	91.9	9240	2.9	16.3	16,732,517.87	796.557
9/20/2014 19:00	1,035.08	83.9	73.0	9240	3.2	16.3	13,492,509.59	644.101
9/20/2014 20:00	1,040.57	81.7	70.8	9240	3.2	16.3	13,564,061.41	626.023
9/20/2014 21:00	1,056.74	81.8	70.8	9240	3.2	16.3	13,774,934.69	628.332
9/20/2014 22:00	1,058.53	81.7	70.8	9240	3.2	16.3	13,798,171.47	625.911
9/20/2014 23:00	1,060.94	81.7	70.8	9240	3.2	16.3	13,829,631.04	626.380
9/21/2014 0:00	1,048.97	81.8	70.8	9240	3.2	16.3	13,673,584.35	626.556
9/21/2014 1:00	1,029.80	81.8	70.8	9240	3.3	16.3	13,499,997.46	625.183
9/21/2014 2:00	1,027.53	81.7	70.8	9240	3.2	16.3	13,394,097.75	624.176
9/21/2014 3:00	1,030.81	81.7	70.8	9240	3.2	16.3	13,436,908.63	624.176
9/21/2014 4:00	1,030.98	81.7	70.8	9240	3.2	16.3	13,439,071.58	624.072
9/21/2014 5:00	1,020.02	81.7	70.8	9240	3.3	16.3	13,371,773.96	623.427
9/21/2014 6:00	1,023.26	81.6	70.8	9240	3.2	16.3	13,338,476.48	622.146
9/21/2014 7:00	1,028.53	81.6	70.8	9240	3.1	16.3	13,331,783.28	622.988
9/21/2014 8:00	1,027.95	81.7	70.8	9240	3.2	16.3	13,399,622.24	623.968
9/21/2014 9:00	1,016.67	81.6	70.8	9240	3.3	16.3	13,327,849.34	624.400
9/21/2014 10:00	1,018.73	81.5	70.8	9240	3.3	16.3	13,354,849.17	623.782
9/21/2014 11:00	1,020.03	81.6	70.8	9240	3.2	16.3	13,296,309.71	624.086
9/21/2014 12:00	1,018.77	81.6	70.8	9240	3.2	16.3	13,279,905.94	624.060
9/21/2014 13:00	1,014.83	81.6	70.8	9240	3.2	16.3	13,228,520.94	624.010
9/21/2014 14:00	1,011.08	81.5	70.8	9240	3.2	16.3	13,179,723.12	623.185
9/21/2014 15:00	1,001.70	81.6	70.8	9240	4.1	16.3	13,756,871.07	623.935
9/21/2014 16:00	1,018.58	81.6	70.8	9240	3.5	16.3	13,506,336.93	625.173
9/21/2014 17:00	1,012.74	81.6	70.8	9240	3.2	16.3	13,201,268.97	624.173
9/21/2014 18:00	1,030.29	81.5	70.8	9240	3.2	16.3	13,430,055.30	625.157
9/21/2014 19:00	1,051.37	81.7	70.8	9240	3.2	16.3	13,704,932.79	627.718
9/21/2014 20:00	1,048.39	81.8	70.8	9240	3.3	16.3	13,743,617.33	625.333
9/21/2014 21:00	1,043.00	81.7	70.8	9240	3.3	16.3	13,672,980.88	624.872
9/21/2014 22:00	1,021.81	81.7	70.8	9240	3.3	16.3	13,395,204.32	623.455
9/21/2014 23:00	1,010.48	81.8	70.8	9240	4	16.3	13,795,414.60	625.528
9/22/2014 0:00	1,035.01	82.0	70.8	9240	4.9	16.3	14,925,144.90	627.429
9/22/2014 1:00	1,028.28	81.7	70.8	9240	3.2	16.3	13,403,899.14	624.411
9/22/2014 2:00	1,022.06	81.7	70.8	9240	3.1	16.3	13,247,974.35	625.042
9/22/2014 3:00	1,024.28	81.7	70.8	9240	3.1	16.3	13,276,735.61	625.745
9/22/2014 4:00	1,027.57	81.8	70.8	9240	3.1	16.3	13,319,325.41	626.488
9/22/2014 5:00	1,028.31	82.0	70.8	9240	3.2	16.3	13,404,328.15	626.976
9/22/2014 6:00	1,031.63	82.1	70.8	9240	3.1	16.3	13,372,017.74	628.328
9/22/2014 7:00	1,031.78	82.0	70.8	9240	3.1	16.3	13,373,981.12	628.541
9/22/2014 8:00	1,033.80	82.1	70.8	9240	3.1	16.3	13,400,106.21	630.812
9/22/2014 9:00	1,054.85	81.9	70.8	9240	3	16.3	13,596,638.30	631.162
9/22/2014 10:00	1,033.57	81.4	70.8	9240	3.1	16.3	13,397,207.14	628.102
9/22/2014 11:00	1,036.38	81.6	70.8	9240	3.1	16.3	13,433,628.35	628.312
9/22/2014 12:00	1,026.90	81.6	70.8	9240	3.1	16.3	13,310,730.97	629.566
9/22/2014 13:00	1,030.81	81.7	70.8	9240	3	16.3	13,286,698.32	628.925
9/22/2014 14:00	1,033.81	81.7	70.8	9240	3.1	16.3	13,400,296.22	630.656
9/22/2014 15:00	1,038.38	81.8	70.8	9240	3.1	16.3	13,459,510.86	630.439
9/22/2014 16:00	1,041.43	81.9	70.8	9240	3.1	16.3	13,499,071.33	631.553
9/22/2014 17:00	1,054.05	81.9	70.8	9240	3.1	16.3	13,662,645.32	629.979
9/22/2014 18:00	1,038.09	81.6	70.8	9240	3.1	16.3	13,455,707.17	626.527
9/22/2014 19:00	1,025.97	81.7	70.8	9240	3.1	16.3	13,298,674.61	627.130
9/22/2014 20:00	1,035.05	81.7	70.8	9240	3	16.3	13,341,444.86	627.623

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/22/2014 21:00	1,062.99	81.9	71.1	9240	3	16.3	13,701,480.43	630.029
9/22/2014 22:00	1,241.94	96.0	84.8	9240	2.9	16.3	15,919,157.85	739.158
9/22/2014 23:00	1,232.20	96.0	84.8	9240	2.8	16.3	15,707,096.73	739.749
9/23/2014 0:00	1,227.13	96.1	84.8	9240	2.9	16.3	15,729,377.51	739.886
9/23/2014 1:00	1,207.86	96.0	84.8	9240	2.8	16.3	15,396,866.37	737.971
9/23/2014 2:00	1,214.47	96.0	84.8	9240	2.8	16.3	15,481,109.09	738.139
9/23/2014 3:00	1,225.57	96.0	84.8	9240	2.8	16.3	15,622,623.38	739.271
9/23/2014 4:00	1,222.27	96.1	84.8	9240	2.8	16.3	15,580,556.99	739.471
9/23/2014 5:00	1,214.64	96.0	84.8	9240	2.8	16.3	15,483,294.74	738.089
9/23/2014 6:00	1,224.76	96.3	84.8	9240	2.8	16.3	15,612,287.82	740.162
9/23/2014 7:00	1,196.31	94.0	82.6	9240	2.8	16.3	15,249,565.89	722.949
9/23/2014 8:00	1,057.74	82.2	70.8	9240	2.9	16.3	13,558,094.77	629.327
9/23/2014 9:00	1,062.46	82.1	70.8	9240	3	16.3	13,694,758.56	629.515
9/23/2014 10:00	1,045.87	82.0	70.8	9240	3	16.3	13,480,906.14	629.162
9/23/2014 11:00	1,042.25	82.0	70.8	9240	3	16.3	13,434,211.51	629.937
9/23/2014 12:00	1,046.74	82.1	70.8	9240	2.9	16.3	13,417,052.51	630.207
9/23/2014 13:00	1,044.94	81.9	70.8	9240	3	16.3	13,468,931.04	629.362
9/23/2014 14:00	1,054.30	82.0	70.8	9240	2.9	16.3	13,514,005.25	630.123
9/23/2014 15:00	1,047.58	82.1	70.8	9240	3	16.3	13,502,925.21	630.289
9/23/2014 16:00	1,090.74	82.0	70.8	9240	2.9	16.3	13,981,128.36	630.381
9/23/2014 17:00	1,087.91	81.9	70.8	9240	3	16.3	14,022,710.77	629.517
9/23/2014 18:00	1,055.79	81.7	70.8	9240	3.1	16.3	13,685,156.73	626.842
9/23/2014 19:00	1,034.32	81.7	70.8	9240	2.9	16.3	13,257,926.31	625.320
9/23/2014 20:00	1,037.00	81.5	70.8	9240	2.9	16.3	13,292,233.56	623.382
9/23/2014 21:00	1,038.78	81.7	70.8	9240	2.9	16.3	13,315,119.01	625.099
9/23/2014 22:00	1,041.57	81.7	70.8	9240	2.9	16.3	13,350,875.80	625.360
9/23/2014 23:00	1,060.31	81.7	70.8	9240	3	16.3	13,666,992.73	626.464
9/24/2014 0:00	1,061.16	81.7	70.8	9240	3	16.3	13,677,942.52	625.928
9/24/2014 1:00	1,063.70	81.7	70.8	9240	2.9	16.3	13,634,558.04	624.862
9/24/2014 2:00	1,057.98	81.7	70.8	9240	3	16.3	13,636,989.87	624.944
9/24/2014 3:00	1,033.33	81.8	70.8	9240	3	16.3	13,319,164.08	624.013
9/24/2014 4:00	1,037.42	81.8	70.8	9240	2.9	16.3	13,297,627.79	624.585
9/24/2014 5:00	1,036.07	81.7	70.8	9240	2.9	16.3	13,280,294.32	623.756
9/24/2014 6:00	1,036.36	82.0	70.8	9240	3	16.3	13,358,221.46	625.033
9/24/2014 7:00	1,042.71	81.9	70.8	9240	2.9	16.3	13,365,396.24	624.656
9/24/2014 8:00	1,106.83	81.9	70.8	9240	2.9	16.3	14,187,403.28	627.871
9/24/2014 9:00	1,144.65	81.8	70.8	9240	2.9	16.3	14,672,157.42	627.553
9/24/2014 10:00	1,149.49	81.7	70.8	9240	3	16.3	14,816,499.08	627.892
9/24/2014 11:00	1,128.53	81.8	70.8	9240	3	16.3	14,546,335.87	628.443
9/24/2014 12:00	1,134.05	81.8	70.8	9240	2.9	16.3	14,536,271.58	628.316
9/24/2014 13:00	1,129.70	81.7	70.8	9240	2.9	16.3	14,480,559.49	627.894
9/24/2014 14:00	1,129.58	81.7	70.8	9240	3	16.3	14,559,888.37	628.760
9/24/2014 15:00	1,139.14	81.8	70.8	9240	3	16.3	14,683,029.53	629.577
9/24/2014 16:00	1,134.83	81.9	70.8	9240	3	16.3	14,627,543.29	630.871
9/24/2014 17:00	1,137.25	81.6	70.8	9240	2.9	16.3	14,577,335.37	628.726
9/24/2014 18:00	1,117.44	81.4	70.8	9240	3	16.3	14,403,330.22	625.911
9/24/2014 19:00	1,111.99	81.5	70.8	9240	2.9	16.3	14,253,523.83	625.952
9/24/2014 20:00	1,138.20	81.6	70.8	9240	3	16.3	14,670,917.01	626.148
9/24/2014 21:00	1,316.02	95.6	84.7	9240	2.9	16.3	16,868,709.63	734.382
9/24/2014 22:00	1,299.59	96.0	85.1	9240	2.8	16.3	16,566,127.26	739.285
9/24/2014 23:00	1,170.87	84.9	74.2	9240	3	16.3	15,092,119.86	650.388
9/25/2014 0:00	1,137.32	81.5	70.8	9240	3	16.3	14,659,608.73	625.778
9/25/2014 1:00	1,145.86	81.4	70.8	9240	2.9	16.3	14,687,632.67	624.552
9/25/2014 2:00	1,135.74	81.4	70.8	9240	2.9	16.3	14,557,919.01	625.440
9/25/2014 3:00	1,130.11	81.5	70.8	9240	3	16.3	14,566,705.84	624.805
9/25/2014 4:00	1,109.73	81.5	70.8	9240	3	16.3	14,304,010.19	624.642
9/25/2014 5:00	1,113.72	81.6	70.8	9240	3	16.3	14,355,385.63	625.281
9/25/2014 6:00	1,118.15	81.7	70.8	9240	2.9	16.3	14,332,463.14	626.135
9/25/2014 7:00	1,128.19	81.7	70.8	9240	2.9	16.3	14,461,147.91	626.888
9/25/2014 8:00	1,127.67	81.9	70.8	9240	2.9	16.3	14,454,482.20	628.356
9/25/2014 9:00	1,129.23	81.8	70.8	9240	2.9	16.3	14,474,425.55	627.569
9/25/2014 10:00	1,126.13	81.7	70.8	9240	3	16.3	14,515,394.93	627.345
9/25/2014 11:00	1,118.14	81.8	70.8	9240	3	16.3	14,412,323.79	628.897
9/25/2014 12:00	1,119.02	81.7	70.8	9240	3	16.3	14,423,736.04	629.271
9/25/2014 13:00	1,113.46	81.6	70.8	9240	2.9	16.3	14,272,374.95	629.086
9/25/2014 14:00	1,114.78	81.6	70.8	9240	2.9	16.3	14,289,286.59	629.485
9/25/2014 15:00	1,114.45	81.7	70.8	9240	3	16.3	14,364,795.06	630.756
9/25/2014 16:00	1,113.83	81.7	70.8	9240	2.9	16.3	14,277,101.18	631.346
9/25/2014 17:00	1,114.24	81.6	70.8	9240	3	16.3	14,362,094.36	631.092
9/25/2014 18:00	1,102.73	81.6	70.8	9240	3	16.3	14,213,723.16	629.879
9/25/2014 19:00	1,133.51	81.5	70.8	9240	2.9	16.3	14,529,358.51	629.653
9/25/2014 20:00	1,148.23	81.6	70.8	9240	2.9	16.3	14,718,003.60	630.222
9/25/2014 21:00	1,341.32	96.2	85.2	9240	2.8	16.3	17,098,093.46	743.816
9/25/2014 22:00	1,229.99	89.2	78.4	9240	2.9	16.3	15,766,074.76	689.949
9/25/2014 23:00	1,111.45	81.5	70.8	9240	3	16.3	14,326,215.68	626.498

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/26/2014 0:00	1,115.55	81.5	70.8	9240	3	16.3	14,379,004.80	626.208
9/26/2014 1:00	1,109.19	81.4	70.8	9240	3	16.3	14,297,076.80	625.747
9/26/2014 2:00	1,116.60	81.4	70.8	9240	3	16.3	14,392,519.06	625.757
9/26/2014 3:00	1,116.73	81.5	70.8	9240	3	16.3	14,394,180.11	626.414
9/26/2014 4:00	1,113.14	81.5	70.8	9240	3	16.3	14,347,916.88	626.371
9/26/2014 5:00	1,121.50	81.5	70.8	9240	2.9	16.3	14,375,366.03	626.889
9/26/2014 6:00	1,122.74	81.6	70.8	9240	2.9	16.3	14,391,233.24	628.579
9/26/2014 7:00	1,113.02	81.7	70.8	9240	3	16.3	14,346,351.43	629.364
9/26/2014 8:00	1,110.31	81.7	70.8	9240	3	16.3	14,311,426.36	630.173
9/26/2014 9:00	1,122.23	81.6	70.8	9240	2.9	16.3	14,384,685.83	630.198
9/26/2014 10:00	1,134.33	81.5	70.8	9240	2.9	16.3	14,539,839.85	630.741
9/26/2014 11:00	1,129.07	81.6	70.8	9240	3	16.3	14,553,331.40	632.282
9/26/2014 12:00	1,140.38	81.6	70.8	9240	3	16.3	14,699,098.70	632.354
9/26/2014 13:00	1,151.70	81.6	70.8	9240	3.1	16.3	14,928,348.69	634.111
9/26/2014 14:00	1,188.05	82.8	72.1	9240	3	16.3	15,313,513.92	643.168
9/26/2014 15:00	1,445.95	94.6	83.5	9240	3.1	16.3	18,742,414.66	737.061
9/26/2014 16:00	1,323.79	86.7	75.8	9240	3.2	16.3	17,255,980.45	674.154
9/26/2014 17:00	1,225.86	86.7	75.9	9240	3.1	16.3	15,889,690.34	673.383
9/26/2014 18:00	1,176.66	85.6	74.8	9240	3	16.3	15,166,663.96	663.216
9/26/2014 19:00	1,166.84	85.6	74.8	9240	3	16.3	15,040,090.75	662.723
9/26/2014 20:00	1,187.02	85.7	74.8	9240	3	16.3	15,300,224.33	663.142
9/26/2014 21:00	1,198.57	85.6	74.8	9240	3	16.3	15,449,078.31	663.544
9/26/2014 22:00	1,203.17	85.7	74.8	9240	3	16.3	15,508,340.75	663.168
9/26/2014 23:00	1,200.18	85.7	74.8	9240	3	16.3	15,469,899.99	664.129
9/27/2014 0:00	1,174.61	85.5	74.6	9240	3	16.3	15,140,215.02	661.675
9/27/2014 1:00	1,117.11	81.5	70.8	9240	3	16.3	14,399,066.46	629.842
9/27/2014 2:00	1,113.69	81.5	70.8	9240	3.1	16.3	14,435,695.60	629.876
9/27/2014 3:00	1,124.91	81.6	70.8	9240	3	16.3	14,499,631.69	630.620
9/27/2014 4:00	1,110.36	81.6	70.8	9240	3.1	16.3	14,392,454.53	629.993
9/27/2014 5:00	1,111.06	81.5	70.8	9240	3	16.3	14,321,122.59	630.072
9/27/2014 6:00	1,112.52	81.4	70.8	9240	3	16.3	14,339,922.33	629.248
9/27/2014 7:00	1,111.49	81.4	70.8	9240	3.1	16.3	14,407,179.32	629.325
9/27/2014 8:00	1,137.29	81.5	70.8	9240	3	16.3	14,659,265.76	630.615
9/27/2014 9:00	1,132.18	81.4	70.8	9240	3.1	16.3	14,675,319.39	630.299
9/27/2014 10:00	1,128.74	81.4	70.8	9240	3	16.3	14,548,981.60	630.845
9/27/2014 11:00	1,277.50	81.4	70.8	9240	3.2	16.3	16,652,507.84	631.327
9/27/2014 12:00	1,193.41	81.3	70.8	9240	3.3	16.3	15,644,773.90	632.183
9/27/2014 13:00	1,124.01	81.4	70.8	9240	3.1	16.3	14,569,428.05	632.838
9/27/2014 14:00	1,161.09	84.7	73.9	9240	3	16.3	14,966,038.99	654.695
9/27/2014 15:00	1,115.71	81.7	70.8	9240	3.1	16.3	14,461,812.33	630.903
9/27/2014 16:00	1,117.42	81.7	70.8	9240	3	16.3	14,403,106.76	631.504
9/27/2014 17:00	1,263.30	91.9	80.8	9240	2.9	16.3	16,193,033.92	709.424
9/27/2014 18:00	1,106.99	82.5	71.5	9240	3.1	16.3	14,348,805.96	636.758
9/27/2014 19:00	1,105.65	81.8	70.8	9240	3.1	16.3	14,331,520.28	631.016
9/27/2014 20:00	1,115.17	81.9	70.8	9240	3.1	16.3	14,454,911.20	631.039
9/27/2014 21:00	1,156.42	81.7	70.8	9240	3	16.3	14,905,800.24	629.753
9/27/2014 22:00	1,183.25	81.7	70.8	9240	3.1	16.3	15,337,368.51	629.758
9/27/2014 23:00	1,144.56	81.8	70.8	9240	3.1	16.3	14,835,821.04	629.327
9/28/2014 0:00	1,130.63	81.8	70.8	9240	3.1	16.3	14,655,290.00	630.338
9/28/2014 1:00	1,099.91	81.7	70.8	9240	3.1	16.3	14,257,018.01	628.758
9/28/2014 2:00	1,095.07	81.7	70.8	9240	3.1	16.3	14,194,294.85	628.626
9/28/2014 3:00	1,106.25	81.8	70.8	9240	3	16.3	14,259,075.80	629.299
9/28/2014 4:00	1,106.48	81.8	70.8	9240	3	16.3	14,262,097.95	629.409
9/28/2014 5:00	1,120.73	81.7	70.8	9240	3	16.3	14,445,758.70	628.782
9/28/2014 6:00	1,119.79	81.5	70.8	9240	3.1	16.3	14,514,719.76	628.024
9/28/2014 7:00	1,114.27	81.5	70.8	9240	3.1	16.3	14,443,208.57	627.923
9/28/2014 8:00	1,140.15	81.4	70.8	9240	3	16.3	14,696,119.56	627.454
9/28/2014 9:00	1,129.78	81.4	70.8	9240	3.1	16.3	14,644,241.03	628.511
9/28/2014 10:00	1,126.48	81.5	70.8	9240	3.1	16.3	14,601,406.25	629.433
9/28/2014 11:00	1,128.44	81.6	70.8	9240	3.1	16.3	14,626,815.54	630.881
9/28/2014 12:00	1,196.33	86.7	75.9	9240	3	16.3	15,420,250.13	669.748
9/28/2014 13:00	1,136.88	83.8	73.0	9240	3	16.3	14,653,918.14	647.620
9/28/2014 14:00	1,111.74	81.5	70.8	9240	3.1	16.3	14,410,436.89	628.707
9/28/2014 15:00	1,115.90	81.6	70.8	9240	3.1	16.3	14,464,342.14	629.509
9/28/2014 16:00	1,127.39	81.7	70.8	9240	3.1	16.3	14,613,313.23	629.460
9/28/2014 17:00	1,204.66	87.8	76.8	9240	3	16.3	15,527,598.17	675.739
9/28/2014 18:00	1,110.41	81.6	70.8	9240	3	16.3	14,312,733.69	628.901
9/28/2014 19:00	1,136.81	82.7	71.8	9240	3	16.3	14,653,050.57	636.495
9/28/2014 20:00	1,117.70	81.7	70.9	9240	3	16.3	14,406,750.31	628.955
9/28/2014 21:00	1,125.47	81.6	70.8	9240	3	16.3	14,506,832.76	628.958
9/28/2014 22:00	1,147.69	81.7	70.8	9240	3.1	16.3	14,876,425.94	628.977
9/28/2014 23:00	1,203.08	81.8	70.8	9240	3.5	16.3	15,952,811.44	628.893
9/29/2014 0:00	1,138.36	81.9	70.8	9240	4.9	16.3	16,415,404.30	629.223
9/29/2014 1:00	1,133.98	81.7	70.8	9240	3.3	16.3	14,865,645.85	626.404
9/29/2014 2:00	1,127.61	81.7	70.8	9240	2.9	16.3	14,453,677.96	627.391



Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
9/29/2014 3:00	1,123.96	81.7	70.8	9240	2.9	16.3	14,406,953.46	627.716
9/29/2014 4:00	1,116.64	81.8	70.8	9240	3	16.3	14,393,022.15	628.222
9/29/2014 5:00	1,123.70	81.7	70.8	9240	3	16.3	14,484,101.47	627.826
9/29/2014 6:00	1,124.83	81.6	70.8	9240	2.9	16.3	14,418,013.19	626.956
9/29/2014 7:00	1,132.67	81.7	70.8	9240	2.9	16.3	14,518,513.88	627.802
9/29/2014 8:00	1,187.99	81.5	70.8	9240	2.9	16.3	15,227,630.47	627.466
9/29/2014 9:00	1,188.30	81.5	70.8	9240	3	16.3	15,316,739.23	627.949
9/29/2014 10:00	1,157.44	81.5	70.8	9240	3	16.3	14,919,002.60	628.397
9/29/2014 11:00	1,141.87	81.6	70.8	9240	2.9	16.3	14,636,481.89	629.526
9/29/2014 12:00	1,174.72	81.6	70.8	9240	3	16.3	15,141,726.70	629.623
9/29/2014 13:00	1,190.67	81.5	70.8	9240	3	16.3	15,347,270.28	629.051
9/29/2014 14:00	1,171.98	81.5	70.8	9240	3	16.3	15,106,340.36	629.108
9/29/2014 15:00	1,182.28	81.5	70.8	9240	2.9	16.3	15,154,500.05	628.932
9/29/2014 16:00	1,191.24	81.4	70.8	9240	3	16.3	15,354,600.41	628.285
9/29/2014 17:00	1,146.53	81.4	70.8	9240	3	16.3	14,778,305.69	628.119
9/29/2014 18:00	1,128.97	81.6	70.8	9240	3	16.3	14,551,960.74	629.607
9/29/2014 19:00	1,155.82	81.7	70.8	9240	3	16.3	14,898,116.39	630.021
9/29/2014 20:00	1,144.44	81.7	70.8	9240	2.9	16.3	14,669,488.99	629.817
9/29/2014 21:00	1,143.63	81.6	70.8	9240	3	16.3	14,740,926.09	628.974
9/29/2014 22:00	1,216.90	81.7	70.8	9240	3	16.3	15,685,411.07	631.109
9/29/2014 23:00	1,188.39	81.7	70.8	9240	3	16.3	15,317,928.25	630.825
9/30/2014 0:00	1,184.42	81.7	70.8	9240	3.1	16.3	15,352,467.34	630.347
9/30/2014 1:00	1,166.10	81.7	70.8	9240	3.2	16.3	15,200,400.00	630.031
9/30/2014 2:00	1,131.48	81.7	70.8	9240	3.2	16.3	14,749,134.54	628.882
9/30/2014 3:00	1,131.51	81.8	70.8	9240	3.1	16.3	14,666,595.89	629.659
9/30/2014 4:00	1,123.88	81.8	70.8	9240	3.1	16.3	14,567,745.49	629.091
9/30/2014 5:00	1,120.38	81.7	70.8	9240	3.1	16.3	14,522,329.52	629.137
9/30/2014 6:00	1,111.00	81.7	70.8	9240	3.1	16.3	14,400,824.31	628.797
9/30/2014 7:00	1,111.86	81.7	70.8	9240	3.1	16.3	14,411,979.63	628.773
9/30/2014 8:00	1,128.59	81.6	70.8	9240	3.1	16.3	14,628,851.82	627.489
9/30/2014 9:00	1,165.82	81.5	70.8	9240	3.1	16.3	15,111,366.53	627.060
9/30/2014 10:00	1,148.37	81.5	70.8	9240	3.2	16.3	14,969,275.05	624.577
9/30/2014 11:00	1,190.13	81.5	70.8	9240	3.1	16.3	15,426,477.27	627.294
9/30/2014 12:00	1,374.98	97.5	86.4	9240	3	16.3	17,722,988.84	749.337
9/30/2014 13:00	1,557.66	113.6	102.1	9240	2.8	16.3	19,855,718.48	881.273
9/30/2014 14:00	1,549.32	112.3	100.8	9240	2.8	16.3	19,749,442.35	872.018
9/30/2014 15:00	1,509.66	111.7	100.2	9240	2.8	16.3	19,243,897.60	866.881
9/30/2014 16:00	1,499.35	111.4	99.8	9240	2.8	16.3	19,112,447.60	863.752
9/30/2014 17:00	1,502.11	111.4	99.8	9240	2.8	16.3	19,147,715.64	864.032
9/30/2014 18:00	1,466.38	111.5	99.8	9240	2.8	16.3	18,692,154.15	864.308
9/30/2014 19:00	1,464.37	111.6	99.8	9240	2.9	16.3	18,770,320.30	864.635
9/30/2014 20:00	1,471.92	111.6	99.8	9240	2.9	16.3	18,867,059.13	864.982
9/30/2014 21:00	1,451.83	110.5	98.9	9240	2.9	16.3	18,609,549.78	856.440
9/30/2014 22:00	1,185.79	89.7	78.5	9240	3.1	16.3	15,370,225.04	690.230
9/30/2014 23:00	1,134.06	81.87	70.8	9240	3.1	16.3	14,699,710.54	629.844
10/1/2014 0:00	1,131.30	81.85	70.8	9240	3.1	16.3	14,692,107.00	629.223
10/1/2014 1:00	1,133.20	81.82	70.8	9240	3.07	16.3	14,688,000.00	628.765
10/1/2014 2:00	1,124.40	81.79	70.8	9240	3.08	16.3	14,574,000.00	628.876
10/1/2014 3:00	1,092.40	81.82	70.8	9240	3.12	16.3	14,160,000.00	628.955
10/1/2014 4:00	1,092.90	81.33	70.8	9240	3.1	16.3	14,166,000.00	623.963
10/1/2014 5:00	1,092.40	81.29	70.8	9240	3.05	16.3	14,160,000.00	623.452
10/1/2014 6:00	1,097.10	81.20	70.8	9240	3.07	16.3	14,220,000.00	622.533
10/1/2014 7:00	1,101.80	81.23	70.8	9240	3.04	16.3	14,202,000.00	623.409
10/1/2014 8:00	1,115.80	81.34	70.8	9240	3.04	16.3	14,382,000.00	623.986
10/1/2014 9:00	1,121.80	81.57	70.8	9240	2.99	16.3	14,460,000.00	626.313
10/1/2014 10:00	1,141.80	81.68	70.8	9240	3	16.3	14,718,000.00	628.183
10/1/2014 11:00	1,140.50	81.70	70.8	9240	3.04	16.3	14,700,000.00	628.663
10/1/2014 12:00	1,138.10	81.66	70.8	9240	3.04	16.3	14,670,000.00	628.994
10/1/2014 13:00	1,129.70	81.54	70.8	9240	3.03	16.3	14,562,000.00	628.357
10/1/2014 14:00	1,127.00	81.44	70.8	9240	3.02	16.3	14,526,000.00	627.836
10/1/2014 15:00	1,183.30	81.84	71.2	9240	3	16.3	15,252,000.00	630.875
10/1/2014 16:00	1,154.90	84.67	73.9	9240	2.98	16.3	14,886,000.00	652.668
10/1/2014 17:00	1,136.70	83.51	72.8	9240	3	16.3	14,652,000.00	644.158
10/1/2014 18:00	1,126.00	83.45	72.8	9240	3	16.3	14,514,000.00	643.517
10/1/2014 19:00	1,129.70	83.54	72.8	9240	2.99	16.3	14,562,000.00	643.530
10/1/2014 20:00	1,131.60	83.65	72.8	9240	2.99	16.3	14,586,000.00	644.322
10/1/2014 21:00	1,126.50	83.61	72.8	9240	2.99	16.3	14,520,000.00	644.317
10/1/2014 22:00	1,129.70	83.61	72.8	9240	2.95	16.3	14,562,000.00	643.932
10/1/2014 23:00	1,128.80	83.66	72.8	9240	3.01	16.3	14,550,000.00	643.747
10/2/2014 0:00	1,131.60	83.70	72.8	9240	3.01	16.3	14,586,000.00	643.832
10/2/2014 1:00	1,131.60	83.63	72.8	9240	3.02	16.3	14,586,000.00	643.295
10/2/2014 2:00	1,129.70	83.62	72.8	9240	3.02	16.3	14,562,000.00	642.830
10/2/2014 3:00	1,126.50	83.68	72.8	9240	3.01	16.3	14,520,000.00	643.142
10/2/2014 4:00	1,124.20	83.71	72.8	9240	3.01	16.3	14,490,000.00	643.396
10/2/2014 5:00	1,121.80	83.65	72.8	9240	3	16.3	14,460,000.00	642.427

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/2/2014 6:00	1,121.80	83.64	72.8	9240	2.98	16.3	14,460,000.00	642.581
10/2/2014 7:00	1,130.70	83.64	72.8	9240	2.96	16.3	14,574,000.00	642.056
10/2/2014 8:00	1,154.00	84.02	73.1	9240	3	16.3	14,874,000.00	645.982
10/2/2014 9:00	1,171.60	84.73	73.8	9240	2.97	16.3	15,102,000.00	652.436
10/2/2014 10:00	1,188.90	84.65	73.8	9240	2.99	16.3	15,324,000.00	652.864
10/2/2014 11:00	1,176.30	85.67	73.8	9240	3.01	16.3	15,162,000.00	660.601
10/2/2014 12:00	1,179.10	84.64	73.8	9240	2.98	16.3	15,198,000.00	652.679
10/2/2014 13:00	1,273.60	89.17	78.3	9240	2.91	16.3	18,678,000.00	688.038
10/2/2014 14:00	1,457.20	105.26	93.9	9240	2.79	16.3	19,332,000.00	816.598
10/2/2014 15:00	1,516.60	112.44	100.9	9240	2.88	16.3	19,314,000.00	874.121
10/2/2014 16:00	1,506.80	112.37	100.8	9240	2.94	16.3	18,954,000.00	874.633
10/2/2014 17:00	1,478.70	112.35	100.8	9240	2.8	16.3	18,936,000.00	874.409
10/2/2014 18:00	1,485.50	112.46	100.8	9240	2.86	16.3	18,612,000.00	874.346
10/2/2014 19:00	1,452.00	110.26	98.6	9240	3.08	16.3	15,660,000.00	855.672
10/2/2014 20:00	1,208.10	89.90	78.9	9240	3.17	16.3	14,706,000.00	692.712
10/2/2014 21:00	1,128.20	81.70	70.8	9240	3.14	16.3	15,414,000.00	627.602
10/2/2014 22:00	1,189.20	81.70	70.8	9240	3.24	16.3	15,498,000.00	627.583
10/2/2014 23:00	1,188.90	81.70	70.8	9240	3.12	16.3	14,472,000.00	628.036
10/3/2014 0:00	1,116.50	81.65	70.8	9240	3.08	16.3	14,562,000.00	627.027
10/3/2014 1:00	1,123.40	81.66	70.8	9240	3.06	16.3	14,850,000.00	627.748
10/3/2014 2:00	1,145.70	81.72	70.8	9240	3.05	16.3	14,832,000.00	628.895
10/3/2014 3:00	1,144.30	81.79	70.8	9240	2.99	16.3	14,760,000.00	628.611
10/3/2014 4:00	1,145.10	81.70	70.8	9240	3.03	16.3	14,496,000.00	628.725
10/3/2014 5:00	1,124.60	81.68	70.8	9240	2.98	16.3	14,382,000.00	628.231
10/3/2014 6:00	1,115.80	81.68	70.8	9240	3.08	16.3	14,436,000.00	627.798
10/3/2014 7:00	1,113.70	81.67	70.8	9240	3.02	16.3	14,472,000.00	628.337
10/3/2014 8:00	1,122.80	81.68	70.8	9240	3	16.3	14,820,000.00	629.282
10/3/2014 9:00	1,149.80	81.70	70.8	9240	3.07	16.3	14,880,000.00	632.172
10/3/2014 10:00	1,148.00	81.68	70.8	9240	3.03	16.3	14,970,000.00	632.256
10/3/2014 11:00	1,161.40	81.71	70.8	9240	2.89	16.3	18,570,000.00	632.075
10/3/2014 12:00	1,448.70	104.02	92.7	9240	2.91	16.3	19,458,000.00	809.079
10/3/2014 13:00	1,518.00	113.09	101.6	9240	3.06	16.3	15,222,000.00	881.343
10/3/2014 14:00	1,174.40	85.41	74.5	9240	3.02	16.3	15,078,000.00	663.200
10/3/2014 15:00	1,169.80	83.76	72.8	9240	3.06	16.3	15,060,000.00	648.917
10/3/2014 16:00	1,161.90	83.71	72.8	9240	3.04	16.3	15,054,000.00	647.612
10/3/2014 17:00	1,167.90	83.78	72.8	9240	3.17	16.3	15,012,000.00	646.054
10/3/2014 18:00	1,151.60	83.91	72.8	9240	3.02	16.3	14,814,000.00	646.379
10/3/2014 19:00	1,149.30	83.95	72.8	9240	3.02	16.3	14,736,000.00	646.267
10/3/2014 20:00	1,143.20	83.98	72.8	9240	3.06	16.3	13,740,000.00	646.501
10/3/2014 21:00	1,060.00	79.62	68.7	9240	8.85	16.3	8,100,000.00	613.733
10/3/2014 22:00	421.3	31.37	21.3	9240	12.84	16.3	7,032,000.00	260.371
10/3/2014 23:00	0	0.33	-9.6		0	16.3	0	111.018
10/4/2014 0:00	0	-0.01	-8.5		0	16.3	0	0.088
10/4/2014 1:00	0	-0.01	-9.1		0	16.3	0	0.000
10/4/2014 2:00	0	-0.01	-9.0		0	16.3	0	0.000
10/4/2014 3:00	0	-0.01	-8.7		0	16.3	0	0.000
10/4/2014 4:00	0	-0.01	-7.8		0	16.3	0	0.000
10/4/2014 5:00	0	-0.01	-7.5		0	16.3	0	0.000
10/4/2014 6:00	0	-0.01	-5.5		0	16.3	0	0.065
10/4/2014 7:00	0	-0.01	-5.3		0	16.3	0	1.912
10/4/2014 8:00	0	-0.01	-5.3		0	16.3	0	1.906
10/4/2014 9:00	0	-0.01	-5.3		0	16.3	0	1.920
10/4/2014 10:00	0	-0.01	-5.3		0	16.3	0	2.073
10/4/2014 11:00	0	-0.01	-5.7		0	16.3	0	2.077
10/4/2014 12:00	0	-0.01	-5.7		0	16.3	0	2.151
10/4/2014 13:00	0	-0.01	-5.7		0	16.3	0	2.155
10/4/2014 14:00	0	-0.01	-5.4		0	16.3	0	2.101
10/4/2014 15:00	0	-0.01	-5.2		0	16.3	0	2.241
10/4/2014 16:00	0	-0.01	-5.1		0	16.3	0	2.243
10/4/2014 17:00	0	-0.01	-5.1		0	16.3	0	2.041
10/4/2014 18:00	0	-0.01	-4.7		0	16.3	0	2.057
10/4/2014 19:00	0	-0.01	-3.9		0	16.3	0	2.213
10/4/2014 20:00	0	-0.01	-3.7		0	16.3	0	2.367
10/4/2014 21:00	0	-0.01	-3.7		0	16.3	0	2.575
10/4/2014 22:00	0	-0.01	-3.9		0	16.3	0	2.585
10/4/2014 23:00	0	-0.01	-3.8		0	16.3	0	2.555
10/5/2014 0:00	0	-0.01	-3.9		0	16.3	0	2.677
10/5/2014 1:00	0	-0.01	-4.0		0	16.3	0	2.805
10/5/2014 2:00	0	-0.01	-4.1		0	16.3	0	2.789
10/5/2014 3:00	0	-0.01	-4.1		0	16.3	0	2.821
10/5/2014 4:00	0	-0.01	-4.0		0	16.3	0	2.968
10/5/2014 5:00	0	-0.01	-3.9		0	16.3	0	3.046
10/5/2014 6:00	0	-0.01	-3.7		0	16.3	0	3.130
10/5/2014 7:00	0	-0.01	-2.6		0	16.3	0	3.149
10/5/2014 8:00	0	-0.01	-1.3		0	16.3	0	3.101

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/5/2014 9:00	0	-0.01	-1.4		0	16.3	0	2.972
10/5/2014 10:00	0	-0.01	-1.4		0	16.3	0	2.845
10/5/2014 11:00	0	-0.01	-1.4		0	16.3	0	2.921
10/5/2014 12:00	0	-0.01	-1.3		0	16.3	0	2.923
10/5/2014 13:00	0	-0.01	-1.3		0	16.3	0	2.859
10/5/2014 14:00	0	-0.01	-1.3		0	16.3	0	2.710
10/5/2014 15:00	0	-0.01	-1.3		0	16.3	0	2.719
10/5/2014 16:00	0	-0.01	-1.3		0	16.3	0	2.797
10/5/2014 17:00	0	-0.01	-1.1		0	16.3	0	2.653
10/5/2014 18:00	0	-0.01	-0.9		0	16.3	0	2.744
10/5/2014 19:00	0	-0.01	-1.3		0	16.3	0	2.908
10/5/2014 20:00	0	-0.01	-1.4		0	16.3	0	2.990
10/5/2014 21:00	0	-0.01	-1.4		0	16.3	0	2.997
10/5/2014 22:00	0	-0.01	-1.4		0	16.3	0	3.016
10/5/2014 23:00	0	-0.01	-1.4		0	16.3	0	3.103
10/6/2014 0:00	0	-0.01	-1.4		0	16.3	0	3.114
10/6/2014 1:00	0	-0.01	-1.4		0	16.3	0	3.195
10/6/2014 2:00	0	-0.01	-1.4		0	16.3	0	3.278
10/6/2014 3:00	0	-0.01	-1.4		0	16.3	0	3.157
10/6/2014 4:00	0	-0.01	-1.4		0	16.3	0	3.199
10/6/2014 5:00	0	-0.01	-1.4		0	16.3	0	3.304
10/6/2014 6:00	0	-0.01	-1.0		0	16.3	0	3.184
10/6/2014 7:00	0	-0.01	-0.9		0	16.3	0	3.285
10/6/2014 8:00	0	-0.01	-0.8		0	16.3	0	3.296
10/6/2014 9:00	0	-0.01	-0.8		0	16.3	0	3.156
10/6/2014 10:00	0	-0.01	-0.8		0	16.3	0	3.077
10/6/2014 11:00	0	-0.01	-0.7		0	16.3	0	3.001
10/6/2014 12:00	0	-0.01	-0.7		0	16.3	0	3.087
10/6/2014 13:00	0	-0.01	-0.7		0	16.3	0	3.171
10/6/2014 14:00	0	-0.01	-0.6		0	16.3	0	3.097
10/6/2014 15:00	0	-0.01	-0.6		0	16.3	0	2.937
10/6/2014 16:00	0	-0.01	-0.6		0	16.3	0	2.948
10/6/2014 17:00	0	-0.01	-0.6		0	16.3	0	2.858
10/6/2014 18:00	0	-0.01	-0.7		0	16.3	0	2.782
10/6/2014 19:00	0	-0.01	-0.7		0	16.3	0	2.970
10/6/2014 20:00	0	-0.01	-0.7		0	16.3	0	20.414
10/6/2014 21:00	0	-0.01	-0.7		0	16.3	0	22.725
10/6/2014 22:00	0	-0.01	-0.7		0	16.3	0	22.964
10/6/2014 23:00	0	-0.01	-0.7		0	16.3	0	22.881
10/7/2014 0:00	0	-0.01	-0.7		0	16.3	0	23.088
10/7/2014 1:00	0	-0.01	-0.7		0	16.3	0	23.439
10/7/2014 2:00	0	-0.01	-0.7		0	16.3	0	23.371
10/7/2014 3:00	0	-0.01	-0.7		0	16.3	0	23.733
10/7/2014 4:00	0	-0.01	-0.8		0	16.3	0	25.077
10/7/2014 5:00	0	-0.01	-0.8		0	16.3	0	24.341
10/7/2014 6:00	0	-0.01	-0.8		0	16.3	0	23.670
10/7/2014 7:00	0	-0.01	-0.7		0	16.3	0	23.785
10/7/2014 8:00	0	-0.01	-0.7		0	16.3	0	23.258
10/7/2014 9:00	0	-0.01	-0.7		0	16.3	0	23.180
10/7/2014 10:00	0	-0.01	-0.7		0	16.3	0	21.604
10/7/2014 11:00	0	-0.01	-0.7		0	16.3	0	21.338
10/7/2014 12:00	0	-0.01	-0.7		0	16.3	0	21.365
10/7/2014 13:00	0	-0.01	-0.8		0	16.3	0	21.419
10/7/2014 14:00	0	-0.01	-0.7		0	16.3	0	19.448
10/7/2014 15:00	0	-0.01	-0.7		0	16.3	0	18.419
10/7/2014 16:00	0	-0.01	-0.6		0	16.3	0	18.277
10/7/2014 17:00	0	-0.01	-0.7		0	16.3	0	19.181
10/7/2014 18:00	0	-0.01	-0.8		0	16.3	0	19.054
10/7/2014 19:00	0	-0.01	-0.8		0	16.3	0	19.315
10/7/2014 20:00	0	-0.01	-0.7		0	16.3	0	19.523
10/7/2014 21:00	0	-0.01	-0.8		0	16.3	0	19.904
10/7/2014 22:00	0	-0.01	-0.7		0	16.3	0	20.927
10/7/2014 23:00	0	-0.01	-0.7		0	16.3	0	18.238
10/8/2014 0:00	0	-0.01	-0.7		0	16.3	0	18.580
10/8/2014 1:00	0	-0.01	-0.7		0	16.3	0	19.738
10/8/2014 2:00	0	-0.01	-0.8		0	16.3	0	19.645
10/8/2014 3:00	0	-0.01	-0.8		0	16.3	0	21.122
10/8/2014 4:00	0	-0.01	-0.8		0	16.3	0	21.459
10/8/2014 5:00	0	-0.01	-0.8		0	16.3	0	22.344
10/8/2014 6:00	0	-0.01	-0.7		0	16.3	0	22.751
10/8/2014 7:00	0	-0.01	-0.7		0	16.3	0	23.427
10/8/2014 8:00	0	-0.01	-0.7		0	16.3	0	22.307
10/8/2014 9:00	0	-0.01	-0.7		0	16.3	0	21.017
10/8/2014 10:00	0	-0.01	-0.7		0	16.3	0	19.838
10/8/2014 11:00	0	-0.01	-0.7		0	16.3	0	20.828

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/8/2014 12:00	0	-0.01	-0.7		0	16.3	0	20.681
10/8/2014 13:00	0	-0.01	-0.7		0	16.3	0	20.647
10/8/2014 14:00	0	-0.01	-0.6		0	16.3	0	20.526
10/8/2014 15:00	0	-0.01	-0.7		0	16.3	0	21.960
10/8/2014 16:00	0	-0.01	-0.6		0	16.3	0	20.926
10/8/2014 17:00	0	-0.01	-0.6		0	16.3	0	21.604
10/8/2014 18:00	0	-0.01	-0.7		0	16.3	0	21.289
10/8/2014 19:00	0	-0.01	-0.7		0	16.3	0	19.447
10/8/2014 20:00	0	-0.01	-0.7		0	16.3	0	21.046
10/8/2014 21:00	0	-0.01	-0.7		0	16.3	0	20.818
10/8/2014 22:00	0	-0.01	-0.7		0	16.3	0	21.308
10/8/2014 23:00	0	-0.01	-0.7		0	16.3	0	20.024
10/9/2014 0:00	0	-0.01	-0.7		0	16.3	0	19.586
10/9/2014 1:00	0	-0.01	-0.8		0	16.3	0	21.143
10/9/2014 2:00	0	-0.01	-0.8		0	16.3	0	21.497
10/9/2014 3:00	0	-0.01	-0.8		0	16.3	0	21.531
10/9/2014 4:00	0	-0.01	-0.7		0	16.3	0	22.367
10/9/2014 5:00	0	-0.01	-0.7		0	16.3	0	22.207
10/9/2014 6:00	0	-0.01	-0.7		0	16.3	0	22.993
10/9/2014 7:00	0	-0.01	-0.7		0	16.3	0	22.111
10/9/2014 8:00	0	-0.01	-0.6		0	16.3	0	21.355
10/9/2014 9:00	0	-0.01	-0.6		0	16.3	0	20.212
10/9/2014 10:00	0	-0.01	-0.7		0	16.3	0	19.303
10/9/2014 11:00	0	-0.01	-0.6		0	16.3	0	18.720
10/9/2014 12:00	0	-0.01	-0.6		0	16.3	0	19.036
10/9/2014 13:00	0	-0.01	-0.7		0	16.3	0	21.113
10/9/2014 14:00	0	-0.01	-0.7		0	16.3	0	20.511
10/9/2014 15:00	0	-0.01	-0.7		0	16.3	0	20.017
10/9/2014 16:00	0	-0.01	-0.6		0	16.3	0	19.101
10/9/2014 17:00	0	-0.01	-0.6		0	16.3	0	18.529
10/9/2014 18:00	0	-0.01	-0.7		0	16.3	0	18.824
10/9/2014 19:00	0	-0.01	-0.7		0	16.3	0	18.300
10/9/2014 20:00	0	-0.01	-0.7		0	16.3	0	19.037
10/9/2014 21:00	0	-0.01	-0.7		0	16.3	0	19.327
10/9/2014 22:00	0	-0.01	-0.7		0	16.3	0	18.862
10/9/2014 23:00	0	-0.01	-0.7		0	16.3	0	20.958
10/10/2014 0:00	0	-0.01	-0.7		0	16.3	0	21.010
10/10/2014 1:00	0	-0.01	-0.7		0	16.3	0	22.600
10/10/2014 2:00	0	-0.01	-0.7		0	16.3	0	24.398
10/10/2014 3:00	0	-0.01	-0.7		0	16.3	0	23.347
10/10/2014 4:00	0	-0.01	-0.7		0	16.3	0	23.510
10/10/2014 5:00	0	-0.01	-0.7		0	16.3	0	22.508
10/10/2014 6:00	0	-0.01	-0.7		0	16.3	0	21.969
10/10/2014 7:00	0	-0.01	-0.7		0	16.3	0	23.501
10/10/2014 8:00	0	-0.01	-0.7		0	16.3	0	22.944
10/10/2014 9:00	0	-0.01	-0.8		0	16.3	0	22.645
10/10/2014 10:00	0	-0.01	-0.8		0	16.3	0	21.654
10/10/2014 11:00	0	-0.01	-0.7		0	16.3	0	21.330
10/10/2014 12:00	0	-0.01	-0.8		0	16.3	0	21.080
10/10/2014 13:00	0	-0.01	-0.7		0	16.3	0	19.735
10/10/2014 14:00	0	-0.01	-0.7		0	16.3	0	20.541
10/10/2014 15:00	0	-0.01	-0.7		0	16.3	0	19.212
10/10/2014 16:00	0	-0.01	-0.7		0	16.3	0	20.759
10/10/2014 17:00	0	-0.01	-0.7		0	16.3	0	21.407
10/10/2014 18:00	0	-0.01	-0.9		0	16.3	0	20.830
10/10/2014 19:00	0	-0.01	-0.8		0	16.3	0	21.423
10/10/2014 20:00	0	-0.01	-0.8		0	16.3	0	21.043
10/10/2014 21:00	0	-0.01	-0.8		0	16.3	0	20.098
10/10/2014 22:00	0	-0.01	-0.8		0	16.3	0	20.728
10/10/2014 23:00	0	-0.01	-0.8		0	16.3	0	22.126
10/11/2014 0:00	0	-0.01	-0.8		0	16.3	0	23.883
10/11/2014 1:00	0	-0.01	-0.8		0	16.3	0	23.365
10/11/2014 2:00	0	-0.01	-0.8		0	16.3	0	23.242
10/11/2014 3:00	0	-0.01	-0.8		0	16.3	0	23.098
10/11/2014 4:00	0	-0.01	-0.8		0	16.3	0	22.048
10/11/2014 5:00	0	-0.01	-0.8		0	16.3	0	22.298
10/11/2014 6:00	0	-0.01	-0.7		0	16.3	0	23.334
10/11/2014 7:00	0	-0.01	-0.7		0	16.3	0	23.672
10/11/2014 8:00	0	-0.01	-0.7		0	16.3	0	23.511
10/11/2014 9:00	0	-0.01	-0.7		0	16.3	0	22.282
10/11/2014 10:00	0	-0.01	-0.7		0	16.3	0	21.357
10/11/2014 11:00	0	-0.01	-0.7		0	16.3	0	21.243
10/11/2014 12:00	0	-0.01	-0.7		0	16.3	0	20.037
10/11/2014 13:00	0	-0.01	-0.6		0	16.3	0	21.019
10/11/2014 14:00	0	-0.01	-0.6		0	16.3	0	20.210

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/11/2014 15:00	0	-0.01	-0.6		0	16.3	0	21.029
10/11/2014 16:00	0	-0.01	-0.6		0	16.3	0	20.005
10/11/2014 17:00	0	-0.01	-0.5		0	16.3	0	20.758
10/11/2014 18:00	0	-0.01	-0.6		0	16.3	0	22.167
10/11/2014 19:00	0	-0.01	-0.6		0	16.3	0	22.433
10/11/2014 20:00	0	-0.01	-0.6		0	16.3	0	20.668
10/11/2014 21:00	0	-0.01	-0.6		0	16.3	0	20.882
10/11/2014 22:00	0	-0.01	-0.7		0	16.3	0	21.248
10/11/2014 23:00	0	-0.01	-0.6		0	16.3	0	20.708
10/12/2014 0:00	0	-0.01	-0.7		0	16.3	0	21.136
10/12/2014 1:00	0	-0.01	-0.7		0	16.3	0	22.601
10/12/2014 2:00	0	-0.01	-0.6		0	16.3	0	22.594
10/12/2014 3:00	0	-0.01	-0.6		0	16.3	0	21.871
10/12/2014 4:00	0	-0.01	-0.6		0	16.3	0	21.795
10/12/2014 5:00	0	-0.01	-0.6		0	16.3	0	23.298
10/12/2014 6:00	0	-0.01	-0.6		0	16.3	0	23.591
10/12/2014 7:00	0	-0.01	-0.6		0	16.3	0	22.139
10/12/2014 8:00	0	-0.01	-0.6		0	16.3	0	21.578
10/12/2014 9:00	0	-0.01	-0.6		0	16.3	0	21.042
10/12/2014 10:00	0	-0.01	-0.6		0	16.3	0	20.129
10/12/2014 11:00	0	-0.01	-0.6		0	16.3	0	19.601
10/12/2014 12:00	0	-0.01	-0.5		0	16.3	0	19.522
10/12/2014 13:00	0	-0.01	-0.6		0	16.3	0	19.610
10/12/2014 14:00	0	-0.01	-0.8		0	16.3	0	20.459
10/12/2014 15:00	0	-0.01	-0.9		0	16.3	0	20.950
10/12/2014 16:00	0	-0.01	-0.7		0	16.3	0	20.124
10/12/2014 17:00	0	-0.01	-0.6		0	16.3	0	19.900
10/12/2014 18:00	0	-0.01	-0.6		0	16.3	0	19.297
10/12/2014 19:00	0	-0.01	-0.6		0	16.3	0	19.477
10/12/2014 20:00	0	-0.01	-0.7		0	16.3	0	21.174
10/12/2014 21:00	0	-0.01	-0.6		0	16.3	0	20.573
10/12/2014 22:00	0	-0.01	-0.6		0	16.3	0	20.753
10/12/2014 23:00	0	-0.01	-0.5		0	16.3	0	21.060
10/13/2014 0:00	0	-0.01	-0.5		0	16.3	0	20.417
10/13/2014 1:00	0	-0.01	-0.5		0	16.3	0	21.912
10/13/2014 2:00	0	-0.01	-0.5		0	16.3	0	22.235
10/13/2014 3:00	0	-0.01	-0.5		0	16.3	0	23.151
10/13/2014 4:00	0	-0.01	-0.5		0	16.3	0	22.703
10/13/2014 5:00	0	-0.01	-0.7		0	16.3	0	23.224
10/13/2014 6:00	0	-0.01	-1.0		0	16.3	0	24.592
10/13/2014 7:00	0	-0.01	-0.8		0	16.3	0	24.468
10/13/2014 8:00	0	-0.01	-0.9		0	16.3	0	24.245
10/13/2014 9:00	0	-0.01	-0.9		0	16.3	0	23.693
10/13/2014 10:00	0	-0.01	-1.0		0	16.3	0	22.981
10/13/2014 11:00	0	-0.01	-0.9		0	16.3	0	21.956
10/13/2014 12:00	0	-0.01	-1.0		0	16.3	0	21.861
10/13/2014 13:00	0	-0.01	-1.0		0	16.3	0	21.056
10/13/2014 14:00	0	-0.01	-1.0		0	16.3	0	20.716
10/13/2014 15:00	0	-0.01	-1.0		0	16.3	0	20.432
10/13/2014 16:00	0	-0.01	-0.9		0	16.3	0	19.407
10/13/2014 17:00	0	-0.01	-1.0		0	16.3	0	20.471
10/13/2014 18:00	0	-0.01	-0.8		0	16.3	0	19.554
10/13/2014 19:00	0	-0.01	-0.7		0	16.3	0	20.466
10/13/2014 20:00	0	-0.01	-0.6		0	16.3	0	20.719
10/13/2014 21:00	0	-0.01	-0.6		0	16.3	0	23.104
10/13/2014 22:00	0	-0.01	-0.8		0	16.3	0	21.165
10/13/2014 23:00	0	-0.01	-0.7		0	16.3	0	22.250
10/14/2014 0:00	0	-0.01	-0.7		0	16.3	0	21.081
10/14/2014 1:00	0	-0.01	-0.7		0	16.3	0	21.388
10/14/2014 2:00	0	-0.01	-0.7		0	16.3	0	21.080
10/14/2014 3:00	0	-0.01	-0.6		0	16.3	0	21.217
10/14/2014 4:00	0	-0.01	-0.6		0	16.3	0	22.326
10/14/2014 5:00	0	-0.01	-0.9		0	16.3	0	21.972
10/14/2014 6:00	0	-0.01	-1.1		0	16.3	0	21.676
10/14/2014 7:00	0	-0.01	-1.1		0	16.3	0	22.793
10/14/2014 8:00	0	-0.01	-1.2		0	16.3	0	24.424
10/14/2014 9:00	0	-0.01	-1.5		0	16.3	0	24.741
10/14/2014 10:00	0	-0.01	-1.5		0	16.3	0	23.127
10/14/2014 11:00	0	-0.01	-1.6		0	16.3	0	22.791
10/14/2014 12:00	0	-0.01	-1.5		0	16.3	0	21.320
10/14/2014 13:00	0	-0.01	-1.5		0	16.3	0	19.578
10/14/2014 14:00	0	-0.01	-1.1		0	16.3	0	19.762
10/14/2014 15:00	0	-0.01	-1.1		0	16.3	0	22.851
10/14/2014 16:00	0	-0.01	-1.2		0	16.3	0	21.378
10/14/2014 17:00	0	-0.01	-1.2		0	16.3	0	21.303

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/14/2014 18:00	0	-0.01	-1.2		0	16.3	0	21.815
10/14/2014 19:00	0	-0.01	-0.9		0	16.3	0	22.479
10/14/2014 20:00	0	-0.01	-0.8		0	16.3	0	21.853
10/14/2014 21:00	0	-0.01	-0.8		0	16.3	0	21.851
10/14/2014 22:00	0	-0.01	-0.7		0	16.3	0	22.441
10/14/2014 23:00	0	-0.01	-0.8		0	16.3	0	23.386
10/15/2014 0:00	0	-0.01	-0.8		0	16.3	0	23.446
10/15/2014 1:00	0	-0.01	-0.8		0	16.3	0	23.205
10/15/2014 2:00	0	-0.01	-0.8		0	16.3	0	22.595
10/15/2014 3:00	0	-0.01	-0.8		0	16.3	0	22.907
10/15/2014 4:00	0	-0.01	-0.8		0	16.3	0	22.770
10/15/2014 5:00	0	-0.01	-1.1		0	16.3	0	23.577
10/15/2014 6:00	0	-0.01	-1.2		0	16.3	0	23.226
10/15/2014 7:00	0	-0.01	-1.2		0	16.3	0	23.827
10/15/2014 8:00	0	-0.01	-1.3		0	16.3	0	24.603
10/15/2014 9:00	0	-0.01	-1.3		0	16.3	0	24.632
10/15/2014 10:00	0	-0.01	-1.2		0	16.3	0	24.810
10/15/2014 11:00	0	-0.01	-1.1		0	16.3	0	23.390
10/15/2014 12:00	0	-0.01	-1.2		0	16.3	0	22.956
10/15/2014 13:00	0	-0.01	-1.2		0	16.3	0	22.973
10/15/2014 14:00	0	-0.01	-1.1		0	16.3	0	22.146
10/15/2014 15:00	0	-0.01	-1.2		0	16.3	0	22.716
10/15/2014 16:00	0	-0.01	-1.4		0	16.3	0	21.648
10/15/2014 17:00	0	-0.01	-1.3		0	16.3	0	21.065
10/15/2014 18:00	0	-0.01	-1.0		0	16.3	0	21.447
10/15/2014 19:00	0	-0.01	-1.0		0	16.3	0	22.259
10/15/2014 20:00	0	-0.01	-1.1		0	16.3	0	22.997
10/15/2014 21:00	0	-0.01	-1.1		0	16.3	0	23.009
10/15/2014 22:00	0	-0.01	-1.0		0	16.3	0	23.045
10/15/2014 23:00	0	-0.01	-1.0		0	16.3	0	23.680
10/16/2014 0:00	0	-0.01	-1.1		0	16.3	0	23.979
10/16/2014 1:00	0	-0.01	-1.2		0	16.3	0	24.266
10/16/2014 2:00	0	-0.01	-1.0		0	16.3	0	24.656
10/16/2014 3:00	0	-0.01	-1.0		0	16.3	0	25.916
10/16/2014 4:00	0	-0.01	-1.1		0	16.3	0	26.369
10/16/2014 5:00	0	-0.01	-1.2		0	16.3	0	25.328
10/16/2014 6:00	0	-0.01	-1.3		0	16.3	0	24.893
10/16/2014 7:00	0	-0.01	-1.4		0	16.3	0	24.858
10/16/2014 8:00	0	-0.01	-1.4		0	16.3	0	25.791
10/16/2014 9:00	0	-0.01	-1.4		0	16.3	0	25.410
10/16/2014 10:00	0	-0.01	-1.4		0	16.3	0	23.949
10/16/2014 11:00	0	-0.01	-1.4		0	16.3	0	23.455
10/16/2014 12:00	0	-0.01	-1.4		0	16.3	0	22.885
10/16/2014 13:00	0	-0.01	-1.8		0	16.3	0	22.008
10/16/2014 14:00	0	-0.01	-1.8		0	16.3	0	21.378
10/16/2014 15:00	0	-0.01	-1.5		0	16.3	0	19.582
10/16/2014 16:00	0	-0.01	-1.3		0	16.3	0	21.025
10/16/2014 17:00	0	-0.01	-1.3		0	16.3	0	21.508
10/16/2014 18:00	0	-0.01	-1.1		0	16.3	0	21.578
10/16/2014 19:00	0	-0.01	-1.1		0	16.3	0	22.134
10/16/2014 20:00	0	-0.01	-1.1		0	16.3	0	21.799
10/16/2014 21:00	0	-0.01	-1.1		0	16.3	0	22.712
10/16/2014 22:00	0	-0.01	-1.0		0	16.3	0	23.147
10/16/2014 23:00	0	-0.01	-1.1		0	16.3	0	23.873
10/17/2014 0:00	0	-0.01	-1.1		0	16.3	0	25.277
10/17/2014 1:00	0	-0.01	-1.1		0	16.3	0	24.644
10/17/2014 2:00	0	-0.01	-1.0		0	16.3	0	23.642
10/17/2014 3:00	0	-0.01	-1.0		0	16.3	0	23.944
10/17/2014 4:00	0	-0.01	-1.1		0	16.3	0	24.501
10/17/2014 5:00	0	-0.01	-1.4		0	16.3	0	24.899
10/17/2014 6:00	0	-0.01	-1.4		0	16.3	0	25.459
10/17/2014 7:00	0	-0.01	-1.4		0	16.3	0	24.944
10/17/2014 8:00	0	-0.01	-1.4		0	16.3	0	24.829
10/17/2014 9:00	0	-0.01	-1.5		0	16.3	0	24.250
10/17/2014 10:00	0	-0.01	-1.4		0	16.3	0	23.429
10/17/2014 11:00	0	-0.01	-1.6		0	16.3	0	23.918
10/17/2014 12:00	0	-0.01	-1.3		0	16.3	0	22.320
10/17/2014 13:00	0	-0.01	-1.4		0	16.3	0	24.025
10/17/2014 14:00	0	-0.01	-1.3		0	16.3	0	23.659
10/17/2014 15:00	0	-0.01	-1.4		0	16.3	0	21.998
10/17/2014 16:00	0	-0.01	-1.3		0	16.3	0	21.010
10/17/2014 17:00	0	-0.01	-1.2		0	16.3	0	21.162
10/17/2014 18:00	0	-0.01	-1.0		0	16.3	0	21.336
10/17/2014 19:00	0	-0.01	-1.1		0	16.3	0	21.893
10/17/2014 20:00	0	-0.01	-3.9		0	16.3	0	23.024

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/17/2014 21:00	0	-0.01	-3.1		0	16.3	0	23.615
10/17/2014 22:00	0	-0.01	-1.4		0	16.3	0	22.974
10/17/2014 23:00	0	-0.01	-2.2		0	16.3	0	23.910
10/18/2014 0:00	0	-0.01	-2.0		0	16.3	0	23.379
10/18/2014 1:00	0	-0.01	-2.1		0	16.3	0	
10/18/2014 2:00	18.6	-0.01	-2.2	8710	20.54	16.3	10,128,000.00	24.102
10/18/2014 3:00	50.8	-0.01	-4.3	8710	19.94	16.3	11,052,000.00	24.315
10/18/2014 4:00	73.3	-0.01	-5.8	8710	19.48	16.3	11,388,000.00	22.781
10/18/2014 5:00	103.9	-0.01	-6.0	8710	19.01	16.3	11,898,000.00	4.777
10/18/2014 6:00	117.4	-0.01	-7.7	8710	18.83	16.3	12,156,000.00	6.364
10/18/2014 7:00	148.9	-0.01	-7.9	8710	18.21	16.3	12,726,000.00	4.099
10/18/2014 8:00	182.6	-0.01	-8.0	8710	17.95	16.3	13,236,000.00	13.835
10/18/2014 9:00	175.6	-0.01	-9.3	8710	18.04	16.3	13,170,000.00	28.187
10/18/2014 10:00	167.4	-0.01	-9.6	8710	18.11	16.3	13,002,000.00	39.940
10/18/2014 11:00	0	-0.01	-9.3		0	16.3	0	28.828
10/18/2014 12:00	0	-0.01	-5.9		0	16.3	0	2.203
10/18/2014 13:00	0	-0.01	-5.5		0	16.3	0	2.398
10/18/2014 14:00	0	-0.01	-5.5		0	16.3	0	2.368
10/18/2014 15:00	0	-0.01	-5.5		0	16.3	0	0.828
10/18/2014 16:00	0	-0.01	-5.5		0	16.3	0	1.911
10/18/2014 17:00	0	-0.01	-5.5		0	16.3	0	2.245
10/18/2014 18:00	0	-0.01	-4.9		0	16.3	0	2.430
10/18/2014 19:00	0	-0.01	-2.4		0	16.3	0	2.480
10/18/2014 20:00	0	-0.01	-1.9		0	16.3	0	2.654
10/18/2014 21:00	0	-0.01	-1.5		0	16.3	0	2.750
10/18/2014 22:00	0	-0.01	-1.1		0	16.3	0	3.075
10/18/2014 23:00	0	-0.01	-1.6		0	16.3	0	3.175
10/19/2014 0:00	0	-0.01	-1.2		0	16.3	0	3.336
10/19/2014 1:00	0	-0.01	-1.1		0	16.3	0	3.377
10/19/2014 2:00	0	-0.01	-1.1		0	16.3	0	3.407
10/19/2014 3:00	0	-0.01	-1.1		0	16.3	0	3.509
10/19/2014 4:00	0	-0.01	-1.1		0	16.3	0	3.641
10/19/2014 5:00	0	-0.01	-1.1		0	16.3	0	3.867
10/19/2014 6:00	0	-0.01	-1.0		0	16.3	0	3.819
10/19/2014 7:00	0	-0.01	-2.4		0	16.3	0	3.502
10/19/2014 8:00	0	-0.01	-1.3		0	16.3	0	3.268
10/19/2014 9:00	80.2	-0.01	-4.0	8710	19.13	16.3	9,696,000.00	3.061
10/19/2014 10:00	158	-0.01	-8.4	8710	18.13	16.3	12,276,000.00	2.932
10/19/2014 11:00	145.3	-0.01	-9.3	8710	18.31	16.3	12,156,000.00	2.866
10/19/2014 12:00	112.2	-0.01	-9.3	8710	18.82	16.3	11,622,000.00	3.111
10/19/2014 13:00	132	-0.01	-9.2	8710	18.55	16.3	11,964,000.00	3.341
10/19/2014 14:00	132.2	-0.01	-9.3	8710	18.53	16.3	11,982,000.00	3.413
10/19/2014 15:00	154.6	-0.01	-9.1	8710	18.21	16.3	12,450,000.00	11.182
10/19/2014 16:00	202.3	-0.01	-9.3	8710	17.59	16.3	13,332,000.00	58.444
10/19/2014 17:00	237.5	-0.01	-9.7	8710	17.24	16.3	13,962,000.00	118.878
10/19/2014 18:00	396.6	-0.01	-9.9	9240	14.75	16.3	14,760,000.00	131.259
10/19/2014 19:00	412.6	-0.01	-9.9	9240	11.06	16.3	9,714,000.00	219.439
10/19/2014 20:00	548.7	0.00	22.1	9240	7.37	16.3	9,378,000.00	214.996
10/19/2014 21:00	919.8	32.43	51.4	9240	4.64	16.3	13,020,000.00	324.636
10/19/2014 22:00	1,122.20	62.13	70.2	9240	3.74	16.3	15,054,000.00	518.535
10/19/2014 23:00	1,082.70	81.03	70.8	9240	4.65	16.3	15,420,000.00	627.490
10/20/2014 0:00	1,078.10	81.72	70.8	9240	4.68	16.3	15,354,000.00	619.298
10/20/2014 1:00	1,081.90	81.66	70.8	9240	4.69	16.3	15,408,000.00	618.284
10/20/2014 2:00	1,083.10	81.68	70.8	9240	4.71	16.3	15,426,000.00	617.794
10/20/2014 3:00	1,085.20	81.65	70.8	9240	4.72	16.3	15,456,000.00	617.348
10/20/2014 4:00	1,075.10	81.59	70.8	9240	4.74	16.3	15,312,000.00	616.766
10/20/2014 5:00	1,084.00	81.59	70.8	9240	4.74	16.3	15,438,000.00	616.515
10/20/2014 6:00	1,076.40	81.90	70.8	9240	4.75	16.3	15,426,000.00	619.316
10/20/2014 7:00	1,097.00	81.87	70.8	9240	3.96	16.3	14,976,000.00	618.419
10/20/2014 8:00	1,087.70	81.81	70.8	9240	3.22	16.3	14,178,000.00	618.856
10/20/2014 9:00	1,081.10	81.71	70.8	9240	3.35	16.3	14,172,000.00	619.514
10/20/2014 10:00	1,096.80	81.72	70.8	9240	3.64	16.3	14,628,000.00	620.589
10/20/2014 11:00	1,100.30	81.69	70.8	9240	3.68	16.3	14,760,000.00	620.727
10/20/2014 12:00	1,101.70	81.47	70.8	9240	3.66	16.3	14,778,000.00	618.951
10/20/2014 13:00	1,309.00	81.77	89.6	9240	3.52	16.3	17,358,000.00	621.541
10/20/2014 14:00	1,400.00	100.97	99.7	9240	3.47	16.3	18,564,000.00	784.148
10/20/2014 15:00	1,406.30	111.16	99.8	9240	3.52	16.3	18,648,000.00	873.011
10/20/2014 16:00	1,428.10	111.40	99.8	9240	3.5	16.3	18,936,000.00	874.653
10/20/2014 17:00	1,485.10	111.34	99.8	9240	3.58	16.3	19,806,000.00	873.112
10/20/2014 18:00	1,445.00	111.41	99.8	9240	3.63	16.3	19,272,000.00	875.020
10/20/2014 19:00	1,400.30	111.21	99.8	9240	3.44	16.3	18,462,000.00	872.945
10/20/2014 20:00	1,409.40	111.12	99.8	9240	3.43	16.3	18,582,000.00	872.836
10/20/2014 21:00	1,337.10	111.17	93.3	9240	3.49	16.3	17,730,000.00	872.599
10/20/2014 22:00	1,095.50	104.52	70.8	9240	3.58	16.3	14,610,000.00	816.046
10/20/2014 23:00	1,122.00	81.56	70.8	9240	3.59	16.3	14,964,000.00	620.477

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/21/2014 0:00	1,116.30	81.64	70.8	9240	3.87	16.3	15,150,000.00	622.407
10/21/2014 1:00	1,121.20	81.59	70.8	9240	4.4	16.3	15,678,000.00	621.318
10/21/2014 2:00	1,083.80	81.65	70.8	9240	4.02	16.3	14,796,000.00	622.432
10/21/2014 3:00	1,095.70	81.59	70.8	9240	3.83	16.3	14,784,000.00	619.812
10/21/2014 4:00	1,088.70	81.62	70.8	9240	3.63	16.3	14,520,000.00	619.983
10/21/2014 5:00	1,085.10	81.63	70.8	9240	3.65	16.3	14,472,000.00	619.729
10/21/2014 6:00	1,094.10	81.61	70.8	9240	3.62	16.3	14,592,000.00	618.672
10/21/2014 7:00	1,088.70	81.95	70.8	9240	3.69	16.3	14,604,000.00	621.263
10/21/2014 8:00	1,109.40	81.91	70.8	9240	3.57	16.3	14,796,000.00	621.399
10/21/2014 9:00	1,124.30	81.98	70.8	9240	3.62	16.3	14,994,000.00	622.947
10/21/2014 10:00	1,124.50	81.95	70.8	9240	3.65	16.3	15,084,000.00	624.543
10/21/2014 11:00	1,132.10	81.89	70.8	9240	3.65	16.3	15,186,000.00	624.934
10/21/2014 12:00	1,137.80	81.94	70.8	9240	3.64	16.3	15,174,000.00	625.088
10/21/2014 13:00	1,133.30	82.01	70.9	9240	3.63	16.3	15,114,000.00	625.856
10/21/2014 14:00	1,173.80	82.02	73.7	9240	3.62	16.3	15,654,000.00	626.432
10/21/2014 15:00	1,477.80	84.89	100.4	9240	3.49	16.3	19,596,000.00	648.160
10/21/2014 16:00	1,503.10	112.17	101.8	9240	3.56	16.3	20,046,000.00	880.680
10/21/2014 17:00	1,501.80	113.59	101.8	9240	3.54	16.3	19,914,000.00	894.501
10/21/2014 18:00	1,475.60	113.47	101.8	9240	3.56	16.3	19,680,000.00	894.270
10/21/2014 19:00	1,423.40	113.36	100.9	9240	3.6	16.3	18,984,000.00	893.731
10/21/2014 20:00	1,116.20	112.35	74.6	9240	3.58	16.3	14,886,000.00	885.239
10/21/2014 21:00	1,097.70	85.48	70.8	9240	3.59	16.3	14,640,000.00	653.768
10/21/2014 22:00	1,117.10	81.60	70.8	9240	3.61	16.3	14,898,000.00	621.543
10/21/2014 23:00	1,117.50	81.64	70.8	9240	3.59	16.3	14,904,000.00	623.001
10/22/2014 0:00	1,113.00	81.72	70.8	9240	3.57	16.3	14,844,000.00	622.314
10/22/2014 1:00	1,080.60	81.72	70.8	9240	3.56	16.3	14,412,000.00	622.139
10/22/2014 2:00	1,077.00	81.65	70.8	9240	3.55	16.3	14,364,000.00	619.938
10/22/2014 3:00	1,066.70	81.67	71.3	9240	3.58	16.3	14,226,000.00	619.213
10/22/2014 4:00	1,081.10	82.29	71.4	9240	3.57	16.3	14,418,000.00	622.895
10/22/2014 5:00	1,139.40	82.40	75.1	9240	3.48	16.3	15,108,000.00	623.914
10/22/2014 6:00	1,268.80	86.21	88.0	9240	3.44	16.3	16,728,000.00	654.638
10/22/2014 7:00	1,250.60	99.41	85.8	9240	3.37	16.3	16,488,000.00	770.482
10/22/2014 8:00	1,154.80	97.01	73.7	9240	3.51	16.3	15,312,000.00	749.150
10/22/2014 9:00	1,127.90	84.69	70.8	9240	3.64	16.3	15,042,000.00	646.408
10/22/2014 10:00	1,163.00	81.78	74.3	9240	3.55	16.3	15,510,000.00	622.063
10/22/2014 11:00	1,201.40	85.22	78.5	9240	3.53	16.3	15,930,000.00	649.770
10/22/2014 12:00	1,285.10	89.68	87.8	9240	3.46	16.3	17,040,000.00	688.666
10/22/2014 13:00	1,299.50	99.27	87.8	9240	3.5	16.3	17,232,000.00	772.080
10/22/2014 14:00	1,295.50	99.15	87.8	9240	3.51	16.3	17,178,000.00	771.645
10/22/2014 15:00	1,265.50	99.12	87.8	9240	3.56	16.3	16,878,000.00	771.618
10/22/2014 16:00	1,278.30	99.16	87.8	9240	3.38	16.3	16,854,000.00	771.774
10/22/2014 17:00	1,314.00	99.19	87.8	9240	3.5	16.3	17,424,000.00	771.667
10/22/2014 18:00	1,311.40	98.93	87.8	9240	3.56	16.3	17,490,000.00	769.427
10/22/2014 19:00	1,129.40	98.82	73.4	9240	3.7	16.3	15,150,000.00	767.539
10/22/2014 20:00	1,096.80	84.21	70.8	9240	3.55	16.3	14,544,000.00	643.006
10/22/2014 21:00	1,105.40	81.60	70.8	9240	3.56	16.3	14,742,000.00	621.153
10/22/2014 22:00	1,114.50	81.65	70.8	9240	3.52	16.3	14,778,000.00	621.968
10/22/2014 23:00	1,103.20	81.58	70.8	9240	3.51	16.3	14,628,000.00	620.503
10/23/2014 0:00	1,076.00	81.65	70.8	9240	3.47	16.3	14,268,000.00	620.978
10/23/2014 1:00	1,074.20	81.61	70.8	9240	3.47	16.3	14,244,000.00	619.207
10/23/2014 2:00	1,067.00	81.58	70.8	9240	3.47	16.3	14,148,000.00	618.440
10/23/2014 3:00	1,076.50	81.58	70.8	9240	3.48	16.3	14,274,000.00	617.790
10/23/2014 4:00	1,070.60	81.63	70.8	9240	3.5	16.3	14,196,000.00	617.457
10/23/2014 5:00	1,084.20	81.68	70.8	9240	3.45	16.3	14,376,000.00	617.682
10/23/2014 6:00	1,102.30	81.93	70.8	9240	3.47	16.3	14,616,000.00	619.675
10/23/2014 7:00	1,106.70	82.01	70.8	9240	3.58	16.3	14,760,000.00	619.718
10/23/2014 8:00	1,119.90	81.95	70.8	9240	3.52	16.3	14,850,000.00	620.076
10/23/2014 9:00	1,132.30	81.93	70.8	9240	3.44	16.3	14,928,000.00	620.284
10/23/2014 10:00	1,172.90	81.86	70.8	9240	3.59	16.3	15,642,000.00	621.055
10/23/2014 11:00	1,191.60	81.84	70.8	9240	3.67	16.3	15,984,000.00	622.138
10/23/2014 12:00	1,199.90	81.83	70.8	9240	3.61	16.3	16,002,000.00	622.619
10/23/2014 13:00	1,182.80	81.83	70.8	9240	3.63	16.3	15,774,000.00	622.781
10/23/2014 14:00	1,169.20	81.76	70.8	9240	3.65	16.3	15,684,000.00	622.618
10/23/2014 15:00	1,185.50	81.82	70.8	9240	3.65	16.3	15,810,000.00	622.848
10/23/2014 16:00	1,128.80	81.71	70.8	9240	3.63	16.3	15,054,000.00	622.550
10/23/2014 17:00	1,096.80	81.80	70.8	9240	3.51	16.3	14,544,000.00	623.645
10/23/2014 18:00	1,109.50	81.75	70.8	9240	3.55	16.3	14,712,000.00	623.440
10/23/2014 19:00	1,077.50	81.67	70.8	9240	3.55	16.3	14,370,000.00	622.250
10/23/2014 20:00	1,071.90	81.59	70.8	9240	3.49	16.3	14,214,000.00	621.060
10/23/2014 21:00	1,090.00	81.64	70.8	9240	3.52	16.3	14,454,000.00	621.258
10/23/2014 22:00	1,093.20	81.59	70.8	9240	3.52	16.3	14,496,000.00	621.649
10/23/2014 23:00	1,088.70	81.63	70.8	9240	3.49	16.3	14,436,000.00	620.472
10/24/2014 0:00	1,077.40	81.65	70.8	9240	3.51	16.3	14,286,000.00	620.770
10/24/2014 1:00	1,065.60	81.65	70.8	9240	3.52	16.3	14,130,000.00	619.434
10/24/2014 2:00	1,070.10	81.59	70.8	9240	3.49	16.3	14,190,000.00	618.808



Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/24/2014 3:00	1,064.30	81.62	70.8	9240	3.51	16.3	14,112,000.00	618.540
10/24/2014 4:00	1,067.90	81.64	70.8	9240	3.49	16.3	14,160,000.00	618.132
10/24/2014 5:00	1,074.20	81.67	70.8	9240	3.49	16.3	14,244,000.00	618.573
10/24/2014 6:00	1,071.00	81.88	70.8	9240	3.5	16.3	14,202,000.00	619.399
10/24/2014 7:00	1,073.40	81.94	70.8	9240	3.58	16.3	14,316,000.00	620.232
10/24/2014 8:00	1,101.80	81.87	70.8	9240	3.47	16.3	14,610,000.00	619.841
10/24/2014 9:00	1,178.70	81.92	70.8	9240	3.52	16.3	15,630,000.00	621.371
10/24/2014 10:00	1,220.10	81.84	70.8	9240	3.64	16.3	16,272,000.00	621.817
10/24/2014 11:00	1,319.90	81.79	70.8	9240	3.72	16.3	17,706,000.00	622.382
10/24/2014 12:00	1,123.80	81.72	70.8	9240	3.64	16.3	14,988,000.00	623.356
10/24/2014 13:00	1,073.90	81.84	70.8	9240	3.58	16.3	14,322,000.00	625.714
10/24/2014 14:00	1,077.90	81.81	70.8	9240	3.61	16.3	14,376,000.00	623.565
10/24/2014 15:00	1,080.10	81.80	70.8	9240	3.5	16.3	14,322,000.00	624.124
10/24/2014 16:00	1,072.90	81.80	70.8	9240	3.45	16.3	14,226,000.00	623.619
10/24/2014 17:00	1,077.80	81.83	70.8	9240	3.51	16.3	14,292,000.00	624.485
10/24/2014 18:00	1,072.10	81.73	70.8	9240	3.57	16.3	14,298,000.00	623.722
10/24/2014 19:00	1,072.40	81.55	70.8	9240	3.52	16.3	14,220,000.00	621.754
10/24/2014 20:00	1,081.00	81.56	70.8	9240	3.49	16.3	14,334,000.00	621.287
10/24/2014 21:00	1,108.10	81.61	70.8	9240	3.52	16.3	14,694,000.00	620.875
10/24/2014 22:00	1,104.50	81.57	70.8	9240	3.52	16.3	14,646,000.00	621.452
10/24/2014 23:00	1,117.20	81.57	70.8	9240	3.52	16.3	14,814,000.00	620.275
10/25/2014 0:00	1,099.10	81.62	70.8	9240	3.49	16.3	14,574,000.00	620.353
10/25/2014 1:00	1,076.00	81.66	70.8	9240	3.52	16.3	14,268,000.00	620.810
10/25/2014 2:00	1,075.10	81.68	70.8	9240	3.5	16.3	14,256,000.00	619.183
10/25/2014 3:00	1,077.40	81.74	70.8	9240	3.53	16.3	14,286,000.00	617.995
10/25/2014 4:00	1,076.00	81.65	70.8	9240	3.51	16.3	14,268,000.00	617.868
10/25/2014 5:00	1,075.10	81.69	70.8	9240	3.49	16.3	14,256,000.00	618.513
10/25/2014 6:00	1,077.80	81.66	70.8	9240	3.51	16.3	14,292,000.00	618.232
10/25/2014 7:00	1,075.20	81.60	70.8	9240	3.6	16.3	14,340,000.00	617.565
10/25/2014 8:00	1,077.80	81.53	70.8	9240	3.47	16.3	14,292,000.00	617.213
10/25/2014 9:00	1,081.00	81.43	70.8	9240	3.49	16.3	14,334,000.00	619.352
10/25/2014 10:00	1,089.10	81.27	70.8	9240	3.53	16.3	14,442,000.00	624.046
10/25/2014 11:00	1,092.30	81.28	70.8	9240	3.59	16.3	14,568,000.00	624.994
10/25/2014 12:00	1,105.00	81.26	70.8	9240	3.51	16.3	14,652,000.00	624.422
10/25/2014 13:00	1,098.60	81.22	70.8	9240	3.5	16.3	14,568,000.00	624.098
10/25/2014 14:00	1,098.60	81.14	70.8	9240	3.55	16.3	14,568,000.00	624.346
10/25/2014 15:00	1,096.40	81.17	70.8	9240	3.55	16.3	14,622,000.00	624.548
10/25/2014 16:00	1,099.10	81.23	70.8	9240	3.51	16.3	14,574,000.00	624.945
10/25/2014 17:00	1,081.90	81.34	70.8	9240	3.52	16.3	14,346,000.00	626.761
10/25/2014 18:00	1,084.60	81.36	70.8	9240	3.52	16.3	14,382,000.00	627.014
10/25/2014 19:00	1,088.20	81.49	70.8	9240	3.54	16.3	14,430,000.00	628.405
10/25/2014 20:00	1,085.50	81.48	70.8	9240	3.51	16.3	14,394,000.00	627.351
10/25/2014 21:00	1,159.70	81.50	75.4	9240	3.47	16.3	15,378,000.00	626.380
10/25/2014 22:00	1,264.20	86.17	84.4	9240	3.43	16.3	16,668,000.00	666.043
10/25/2014 23:00	1,209.60	95.29	79.8	9240	3.44	16.3	15,948,000.00	742.416
10/26/2014 0:00	1,205.50	90.61	79.5	9240	3.45	16.3	15,894,000.00	702.278
10/26/2014 1:00	1,107.20	90.37	73.7	9240	3.49	16.3	14,682,000.00	698.838
10/26/2014 2:00	1,066.70	84.40	71.0	9240	3.56	16.3	14,226,000.00	645.777
10/26/2014 3:00	1,074.70	81.73	70.8	9240	3.51	16.3	14,250,000.00	624.227
10/26/2014 4:00	1,071.90	81.48	70.8	9240	3.49	16.3	14,214,000.00	621.711
10/26/2014 5:00	1,068.30	81.51	70.8	9240	3.49	16.3	14,166,000.00	621.692
10/26/2014 6:00	1,072.90	81.48	70.8	9240	3.47	16.3	14,226,000.00	620.800
10/26/2014 7:00	1,077.40	81.47	70.8	9240	3.5	16.3	14,286,000.00	620.944
10/26/2014 8:00	1,070.10	81.38	70.8	9240	3.49	16.3	14,190,000.00	621.136
10/26/2014 9:00	1,078.30	81.30	70.8	9240	3.47	16.3	14,298,000.00	623.125
10/26/2014 10:00	1,101.40	81.25	70.8	9240	3.48	16.3	14,604,000.00	624.631
10/26/2014 11:00	1,106.30	81.24	70.8	9240	3.5	16.3	14,670,000.00	625.295
10/26/2014 12:00	1,109.50	81.24	70.8	9240	3.51	16.3	14,712,000.00	626.945
10/26/2014 13:00	1,103.20	81.24	70.8	9240	3.53	16.3	14,628,000.00	628.255
10/26/2014 14:00	1,109.50	81.35	70.8	9240	3.5	16.3	14,712,000.00	623.867
10/26/2014 15:00	1,114.00	81.40	70.8	9240	3.54	16.3	14,772,000.00	624.190
10/26/2014 16:00	1,138.00	81.43	74.3	9240	3.54	16.3	15,090,000.00	624.905
10/26/2014 17:00	1,147.10	84.96	76.9	9240	3.46	16.3	15,210,000.00	652.969
10/26/2014 18:00	1,282.00	87.66	88.9	9240	3.42	16.3	16,902,000.00	676.735
10/26/2014 19:00	1,242.40	100.00	85.8	9240	3.41	16.3	16,380,000.00	784.445
10/26/2014 20:00	1,198.60	96.89	81.9	9240	3.47	16.3	15,894,000.00	755.229
10/26/2014 21:00	1,171.40	92.96	79.0	9240	3.42	16.3	15,444,000.00	720.429
10/26/2014 22:00	1,260.60	89.89	84.8	9240	3.44	16.3	16,620,000.00	692.425
10/26/2014 23:00	1,253.30	95.92	84.8	9240	3.43	16.3	16,524,000.00	746.517
10/27/2014 0:00	1,221.50	95.93	82.3	9240	3.43	16.3	16,104,000.00	745.085
10/27/2014 1:00	1,117.20	93.37	74.1	9240	3.51	16.3	14,814,000.00	723.637
10/27/2014 2:00	1,077.40	84.96	71.8	9240	3.51	16.3	14,286,000.00	650.333
10/27/2014 3:00	1,075.60	82.62	71.8	9240	3.51	16.3	14,262,000.00	630.806
10/27/2014 4:00	1,078.30	82.61	71.8	9240	3.53	16.3	14,298,000.00	630.226
10/27/2014 5:00	1,122.20	82.61	75.3	9240	3.45	16.3	14,796,000.00	629.931

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/27/2014 6:00	1,147.50	86.24	78.3	9240	3.46	16.3	15,216,000.00	660.211
10/27/2014 7:00	1,073.40	89.52	70.8	9240	3.61	16.3	14,316,000.00	687.799
10/27/2014 8:00	1,083.70	81.70	70.8	9240	3.5	16.3	14,370,000.00	624.819
10/27/2014 9:00	1,099.10	81.70	70.8	9240	3.48	16.3	14,574,000.00	632.160
10/27/2014 10:00	1,131.70	81.81	70.8	9240	3.54	16.3	15,006,000.00	633.274
10/27/2014 11:00	1,121.10	81.74	70.8	9240	3.57	16.3	14,952,000.00	628.797
10/27/2014 12:00	1,122.50	81.70	70.8	9240	3.57	16.3	14,970,000.00	628.366
10/27/2014 13:00	1,108.10	81.78	70.8	9240	3.58	16.3	14,778,000.00	628.263
10/27/2014 14:00	1,199.50	81.75	78.6	9240	3.49	16.3	15,906,000.00	627.823
10/27/2014 15:00	1,395.50	89.69	98.1	9240	3.45	16.3	18,504,000.00	695.027
10/27/2014 16:00	1,405.30	109.87	99.8	9240	3.44	16.3	18,528,000.00	863.166
10/27/2014 17:00	1,399.50	111.57	99.8	9240	3.47	16.3	18,558,000.00	873.142
10/27/2014 18:00	1,387.80	111.57	99.8	9240	3.48	16.3	18,402,000.00	873.481
10/27/2014 19:00	1,379.80	111.26	99.8	9240	3.41	16.3	18,192,000.00	869.682
10/27/2014 20:00	1,105.80	111.24	74.6	9240	3.58	16.3	14,748,000.00	869.017
10/27/2014 21:00	1,073.00	85.57	70.8	9240	3.59	16.3	14,310,000.00	652.715
10/27/2014 22:00	1,110.30	81.62	70.8	9240	3.58	16.3	14,808,000.00	619.812
10/27/2014 23:00	1,110.80	81.62	70.8	9240	3.57	16.3	14,814,000.00	623.230
10/28/2014 0:00	1,110.90	81.63	70.8	9240	3.55	16.3	14,730,000.00	622.186
10/28/2014 1:00	1,094.10	81.60	70.8	9240	3.59	16.3	14,592,000.00	622.205
10/28/2014 2:00	1,073.40	81.58	70.8	9240	3.57	16.3	14,316,000.00	621.039
10/28/2014 3:00	1,076.00	81.63	70.8	9240	3.54	16.3	14,268,000.00	619.999
10/28/2014 4:00	1,083.30	81.63	70.8	9240	3.54	16.3	14,364,000.00	619.848
10/28/2014 5:00	1,100.50	81.62	71.9	9240	3.53	16.3	14,592,000.00	620.351
10/28/2014 6:00	1,239.40	82.84	84.5	9240	3.45	16.3	16,434,000.00	629.900
10/28/2014 7:00	1,080.20	95.97	70.8	9240	3.57	16.3	14,406,000.00	739.892
10/28/2014 8:00	1,147.50	81.80	75.3	9240	3.48	16.3	15,216,000.00	625.952
10/28/2014 9:00	1,109.50	86.45	70.8	9240	3.53	16.3	14,712,000.00	667.777
10/28/2014 10:00	1,127.00	81.85	72.4	9240	3.55	16.3	15,030,000.00	628.718
10/28/2014 11:00	1,204.50	83.43	78.6	9240	3.48	16.3	15,972,000.00	641.342
10/28/2014 12:00	1,286.90	89.82	86.0	9240	3.5	16.3	17,064,000.00	695.900
10/28/2014 13:00	1,370.30	97.34	94.2	9240	3.44	16.3	18,066,000.00	760.823
10/28/2014 14:00	1,397.70	105.71	99.2	9240	3.46	16.3	18,534,000.00	828.530
10/28/2014 15:00	1,420.30	110.85	99.8	9240	3.43	16.3	18,726,000.00	866.428
10/28/2014 16:00	1,413.50	111.75	99.8	9240	3.44	16.3	18,636,000.00	874.216
10/28/2014 17:00	1,385.70	111.74	99.8	9240	3.39	16.3	18,270,000.00	873.462
10/28/2014 18:00	1,377.40	111.61	99.8	9240	3.55	16.3	18,264,000.00	872.744
10/28/2014 19:00	1,363.90	111.50	97.9	9240	3.41	16.3	17,982,000.00	870.781
10/28/2014 20:00	1,073.90	109.38	71.4	9240	3.57	16.3	14,322,000.00	852.777
10/28/2014 21:00	1,086.90	82.27	70.8	9240	3.59	16.3	14,496,000.00	623.442
10/28/2014 22:00	1,117.50	81.49	70.8	9240	3.57	16.3	14,904,000.00	621.481
10/28/2014 23:00	1,118.00	81.57	70.8	9240	3.6	16.3	14,910,000.00	625.072
10/29/2014 0:00	1,115.70	81.62	70.8	9240	3.56	16.3	14,880,000.00	624.742
10/29/2014 1:00	1,097.30	81.59	70.8	9240	3.55	16.3	14,634,000.00	623.744
10/29/2014 2:00	1,080.60	81.59	70.8	9240	3.55	16.3	14,412,000.00	622.710
10/29/2014 3:00	1,085.50	81.60	70.8	9240	3.54	16.3	14,394,000.00	621.976
10/29/2014 4:00	1,078.80	81.60	70.8	9240	3.55	16.3	14,388,000.00	622.660
10/29/2014 5:00	1,146.20	81.61	74.3	9240	3.49	16.3	15,198,000.00	621.609
10/29/2014 6:00	1,320.20	85.35	93.1	9240	3.44	16.3	17,406,000.00	650.357
10/29/2014 7:00	1,169.10	104.81	76.3	9240	3.42	16.3	15,414,000.00	815.076
10/29/2014 8:00	1,186.90	87.35	79.2	9240	3.44	16.3	15,648,000.00	665.364
10/29/2014 9:00	1,091.40	90.32	70.8	9240	3.57	16.3	14,556,000.00	696.757
10/29/2014 10:00	1,108.10	81.82	70.8	9240	3.55	16.3	14,778,000.00	628.583
10/29/2014 11:00	1,262.00	81.82	83.8	9240	3.47	16.3	16,734,000.00	629.749
10/29/2014 12:00	1,241.20	95.31	82.8	9240	3.45	16.3	16,458,000.00	737.324
10/29/2014 13:00	1,299.50	94.31	87.3	9240	3.48	16.3	17,232,000.00	723.959
10/29/2014 14:00	1,251.10	98.86	82.5	9240	3.49	16.3	16,590,000.00	764.099
10/29/2014 15:00	1,226.20	93.97	80.1	9240	3.49	16.3	16,260,000.00	722.024
10/29/2014 16:00	1,393.00	91.51	96.3	9240	3.43	16.3	18,366,000.00	699.230
10/29/2014 17:00	1,305.00	107.99	88.0	9240	3.48	16.3	17,304,000.00	842.692
10/29/2014 18:00	1,108.50	99.39	71.3	9240	3.65	16.3	14,784,000.00	767.070
10/29/2014 19:00	1,098.20	82.24	70.8	9240	3.57	16.3	14,646,000.00	625.881
10/29/2014 20:00	1,086.00	81.54	70.8	9240	3.55	16.3	14,400,000.00	623.242
10/29/2014 21:00	1,100.00	81.58	70.8	9240	3.54	16.3	14,586,000.00	624.145
10/29/2014 22:00	1,125.20	81.62	70.8	9240	3.58	16.3	15,006,000.00	625.054
10/29/2014 23:00	1,118.40	81.69	70.8	9240	3.57	16.3	14,916,000.00	626.687
10/30/2014 0:00	1,117.20	81.63	70.8	9240	3.54	16.3	14,814,000.00	624.806
10/30/2014 1:00	1,110.00	81.60	70.8	9240	3.53	16.3	14,718,000.00	624.666
10/30/2014 2:00	1,086.00	81.59	70.8	9240	3.5	16.3	14,400,000.00	624.512
10/30/2014 3:00	1,089.10	81.60	70.8	9240	3.54	16.3	14,442,000.00	624.282
10/30/2014 4:00	1,095.00	81.60	70.8	9240	3.52	16.3	14,520,000.00	622.857
10/30/2014 5:00	1,095.00	81.59	70.8	9240	3.54	16.3	14,520,000.00	623.399
10/30/2014 6:00	1,087.30	81.57	70.8	9240	3.54	16.3	14,418,000.00	622.820
10/30/2014 7:00	1,094.60	81.68	70.8	9240	3.57	16.3	14,598,000.00	623.322
10/30/2014 8:00	1,262.40	81.78	84.2	9240	3.37	16.3	16,644,000.00	624.916

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
10/30/2014 9:00	1,154.00	95.53	75.5	9240	3.58	16.3	15,390,000.00	735.210
10/30/2014 10:00	1,118.40	86.49	70.8	9240	3.6	16.3	14,916,000.00	660.454
10/30/2014 11:00	1,118.60	81.73	70.8	9240	3.55	16.3	14,832,000.00	625.776
10/30/2014 12:00	1,096.40	81.46	70.8	9240	3.58	16.3	14,622,000.00	625.111
10/30/2014 13:00	1,094.60	81.34	70.8	9240	3.58	16.3	14,598,000.00	624.845
10/30/2014 14:00	1,112.70	81.40	70.8	9240	3.5	16.3	14,754,000.00	625.353
10/30/2014 15:00	1,120.40	81.49	70.8	9240	3.55	16.3	14,856,000.00	626.371
10/30/2014 16:00	1,132.40	81.77	70.8	9240	3.64	16.3	15,102,000.00	628.691
10/30/2014 17:00	1,111.80	81.76	70.8	9240	3.55	16.3	14,742,000.00	628.400
10/30/2014 18:00	1,095.90	81.71	70.8	9240	3.56	16.3	14,616,000.00	627.936
10/30/2014 19:00	1,104.50	81.50	70.8	9240	3.61	16.3	14,730,000.00	625.517
10/30/2014 20:00	1,098.20	81.50	70.8	9240	3.49	16.3	14,562,000.00	624.357
10/30/2014 21:00	1,090.00	81.58	71.6	9240	3.51	16.3	14,454,000.00	625.058
10/30/2014 22:00	1,176.90	82.38	77.5	9240	3.51	16.3	15,606,000.00	629.546
10/30/2014 23:00	1,095.00	88.43	70.8	9240	3.54	16.3	14,520,000.00	688.366
10/31/2014 0:00	1,108.60	81.57	70.8	9240	3.54	16.3	14,700,000.00	621.003
10/31/2014 1:00	1,110.30	81.58	70.8	9240	3.56	16.3	14,808,000.00	621.580
10/31/2014 2:00	1,104.50	81.67	70.8	9240	3.54	16.3	14,646,000.00	621.230
10/31/2014 3:00	1,085.50	81.69	70.8	9240	3.51	16.3	14,394,000.00	621.095
10/31/2014 4:00	1,070.10	81.71	70.8	9240	3.48	16.3	14,190,000.00	619.864
10/31/2014 5:00	1,086.90	81.67	71.6	9240	3.51	16.3	14,412,000.00	619.238
10/31/2014 6:00	1,171.40	82.63	79.0	9240	3.43	16.3	15,444,000.00	625.764
10/31/2014 7:00	1,115.30	90.46	73.8	9240	3.64	16.3	14,874,000.00	687.259
10/31/2014 8:00	1,113.60	85.06	73.8	9240	3.48	16.3	14,766,000.00	643.660
10/31/2014 9:00	1,079.50	85.07	70.8	9240	3.39	16.3	14,232,000.00	644.620
10/31/2014 10:00	1,090.50	81.99	70.8	9240	3.47	16.3	14,460,000.00	622.695
10/31/2014 11:00	1,104.80	81.86	70.8	9240	3.66	16.3	14,820,000.00	623.307
10/31/2014 12:00	1,098.60	81.88	70.8	9240	3.59	16.3	14,652,000.00	623.946
10/31/2014 13:00	1,096.80	81.81	70.8	9240	3.55	16.3	14,628,000.00	623.523
10/31/2014 14:00	1,086.50	81.79	70.8	9240	3.56	16.3	14,490,000.00	622.790
10/31/2014 15:00	1,078.80	81.83	70.8	9240	3.56	16.3	14,388,000.00	622.050
10/31/2014 16:00	1,074.20	81.87	70.8	9240	3.52	16.3	14,244,000.00	622.070
10/31/2014 17:00	1,072.50	81.80	70.8	9240	3.58	16.3	14,304,000.00	620.868
10/31/2014 18:00	1,067.00	81.73	70.8	9240	3.53	16.3	14,148,000.00	619.926
10/31/2014 19:00	1,207.70	81.63	81.8	9240	3.46	16.3	16,014,000.00	618.542
10/31/2014 20:00	1,192.30	92.91	79.4	9240	3.47	16.3	15,810,000.00	708.638
10/31/2014 21:00	1,066.20	90.38	70.8	9240	3.56	16.3	14,220,000.00	686.882
10/31/2014 22:00	1,074.70	81.60	70.8	9240	3.55	16.3	14,250,000.00	617.379
10/31/2014 23:00	1,095.50	81.62	70.8	9240	3.54	16.3	14,526,000.00	617.775
11/1/2014 0:00	1,101.40	81.64	70.8	9240	3.54	16.3	14,604,000.00	618.127
11/1/2014 1:00	1,101.80	81.62	70.8	9240	3.54	16.3	14,610,000.00	618.492
11/1/2014 2:00	1,095.50	81.64	70.8	9240	3.53	16.3	14,526,000.00	617.959
11/1/2014 3:00	1,075.10	81.70	70.8	9240	3.54	16.3	14,256,000.00	619.034
11/1/2014 4:00	1,064.70	81.69	70.8	9240	3.5	16.3	14,118,000.00	617.763
11/1/2014 5:00	1,066.10	81.66	70.8	9240	3.5	16.3	14,136,000.00	617.918
11/1/2014 6:00	1,057.50	81.58	70.8	9240	3.48	16.3	14,022,000.00	617.185
11/1/2014 7:00	1,055.90	81.38	70.8	9240	3.59	16.3	14,082,000.00	616.453
11/1/2014 8:00	1,052.50	81.30	70.8	9240	3.47	16.3	13,956,000.00	615.334
11/1/2014 9:00	1,062.00	81.33	70.8	9240	3.48	16.3	14,082,000.00	615.234
11/1/2014 10:00	1,077.40	81.34	70.8	9240	3.48	16.3	14,286,000.00	615.177
11/1/2014 11:00	1,075.60	81.36	70.8	9240	3.47	16.3	14,262,000.00	616.250
11/1/2014 12:00	1,066.10	81.32	70.8	9240	3.51	16.3	14,136,000.00	616.147
11/1/2014 13:00	1,070.10	81.29	70.8	9240	3.49	16.3	14,190,000.00	616.363
11/1/2014 14:00	1,071.30	81.32	70.8	9240	3.45	16.3	14,124,000.00	617.027
11/1/2014 15:00	1,058.80	81.27	70.8	9240	3.48	16.3	14,040,000.00	617.532
11/1/2014 16:00	1,056.60	81.27	70.8	9240	3.47	16.3	14,010,000.00	617.515
11/1/2014 17:00	1,059.30	81.29	70.8	9240	3.45	16.3	14,046,000.00	617.527
11/1/2014 18:00	1,061.50	81.36	70.8	9240	3.47	16.3	14,076,000.00	617.263
11/1/2014 19:00	1,061.10	81.47	70.8	9240	3.47	16.3	14,070,000.00	617.101
11/1/2014 20:00	1,060.60	81.51	70.8	9240	3.46	16.3	14,064,000.00	617.137
11/1/2014 21:00	1,062.90	81.48	70.8	9240	3.47	16.3	14,094,000.00	616.881
11/1/2014 22:00	1,065.60	81.51	70.8	9240	3.47	16.3	14,130,000.00	616.678
11/1/2014 23:00	1,066.10	81.54	70.8	9240	3.46	16.3	14,136,000.00	617.257
11/2/2014 0:00	1,093.10	81.48	70.8	9240	3.43	16.3	14,412,000.00	616.438
11/2/2014 1:00	1,081.40	81.49	70.8	9240	3.48	16.3	14,148,000.00	616.907
11/2/2014 2:00	1,067.00	81.64	70.8	9240	3.48	16.3	13,944,000.00	616.321
11/2/2014 3:00	1,051.60	81.68	70.8	9240	3.49	16.3	13,938,000.00	615.888
11/2/2014 4:00	1,051.10	81.68	70.8	9240	3.47	16.3	13,914,000.00	617.197
11/2/2014 5:00	1,049.30	81.68	70.8	9240	3.37	16.3	14,676,000.00	614.750
11/2/2014 6:00	1,113.10	81.66	76.0	9240	3.43	16.3	17,334,000.00	615.072
11/2/2014 7:00	1,314.80	86.85	93.5	9240	3.41	16.3	15,576,000.00	654.994
11/2/2014 8:00	1,181.40	104.70	80.8	9240	3.49	16.3	14,502,000.00	807.118
11/2/2014 9:00	1,093.70	91.71	74.5	9240	3.52	16.3	14,016,000.00	693.752
11/2/2014 10:00	1,057.00	85.20	70.8	9240	3.52	16.3	14,046,000.00	644.614
11/2/2014 11:00	1,059.30	81.44	70.8	9240	3.51	16.3	14,034,000.00	616.059

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/2/2014 12:00	1,058.40	81.36	70.8	9240	3.49	16.3	14,040,000.00	616.861
11/2/2014 13:00	1,058.80	81.35	70.8	9240	3.53	16.3	14,034,000.00	617.534
11/2/2014 14:00	1,058.40	81.36	70.8	9240	3.52	16.3	14,136,000.00	618.002
11/2/2014 15:00	1,066.10	81.36	70.8	9240	3.49	16.3	14,082,000.00	617.884
11/2/2014 16:00	1,062.00	81.25	70.8	9240	3.49	16.3	14,124,000.00	617.552
11/2/2014 17:00	1,065.20	81.31	70.8	9240	3.46	16.3	14,184,000.00	618.209
11/2/2014 18:00	1,069.70	81.47	70.8	9240	3.49	16.3	14,160,000.00	618.693
11/2/2014 19:00	1,067.90	81.55	70.8	9240	3.49	16.3	14,052,000.00	618.583
11/2/2014 20:00	1,059.70	81.54	70.8	9240	3.47	16.3	14,172,000.00	618.161
11/2/2014 21:00	1,068.80	81.53	70.8	9240	3.47	16.3	14,184,000.00	617.445
11/2/2014 22:00	1,069.70	81.56	70.8	9240	3.53	16.3	14,190,000.00	617.342
11/2/2014 23:00	1,070.10	81.59	70.8	9240	4.29	16.3	15,066,000.00	617.454
11/3/2014 0:00	1,084.00	81.63	70.8	9240	4.3	16.3	15,426,000.00	617.230
11/3/2014 1:00	1,109.90	81.64	70.8	9240	3.61	16.3	14,532,000.00	618.651
11/3/2014 2:00	1,089.60	81.69	70.8	9240	3.49	16.3	14,424,000.00	619.121
11/3/2014 3:00	1,087.80	81.65	70.8	9240	3.48	16.3	14,118,000.00	618.021
11/3/2014 4:00	1,064.70	81.62	70.8	9240	3.49	16.3	14,100,000.00	617.690
11/3/2014 5:00	1,063.30	81.66	70.8	9240	3.43	16.3	15,234,000.00	616.847
11/3/2014 6:00	1,155.50	81.99	77.3	9240	3.55	16.3	16,398,000.00	618.659
11/3/2014 7:00	1,236.70	88.57	84.6	9240	3.45	16.3	16,428,000.00	671.296
11/3/2014 8:00	1,238.90	95.97	82.8	9240	3.55	16.3	15,210,000.00	733.327
11/3/2014 9:00	1,140.50	94.08	74.6	9240	3.54	16.3	14,658,000.00	718.666
11/3/2014 10:00	1,105.40	85.73	70.8	9240	3.56	16.3	14,532,000.00	654.675
11/3/2014 11:00	1,089.60	81.81	70.8	9240	3.49	16.3	14,460,000.00	624.125
11/3/2014 12:00	1,090.50	81.72	70.8	9240	3.52	16.3	14,610,000.00	623.935
11/3/2014 13:00	1,101.80	81.75	70.8	9240	3.58	16.3	14,820,000.00	624.647
11/3/2014 14:00	1,111.20	81.80	70.8	9240	3.58	16.3	14,730,000.00	625.854
11/3/2014 15:00	1,104.50	81.80	70.8	9240	3.55	16.3	14,982,000.00	625.872
11/3/2014 16:00	1,123.40	81.61	72.0	9240	3.46	16.3	17,082,000.00	625.190
11/3/2014 17:00	1,288.20	82.92	84.7	9240	3.49	16.3	16,434,000.00	634.746
11/3/2014 18:00	1,239.40	96.15	83.1	9240	3.5	16.3	15,198,000.00	744.092
11/3/2014 19:00	1,146.20	94.42	76.8	9240	3.57	16.3	14,244,000.00	728.241
11/3/2014 20:00	1,068.00	87.71	70.8	9240	3.5	16.3	15,156,000.00	670.706
11/3/2014 21:00	1,143.00	81.46	75.7	9240	3.49	16.3	15,504,000.00	620.724
11/3/2014 22:00	1,169.20	86.55	78.1	9240	3.52	16.3	15,222,000.00	660.253
11/3/2014 23:00	1,148.00	88.98	76.7	9240	3.55	16.3	14,544,000.00	679.983
11/4/2014 0:00	1,090.50	87.50	70.9	9240	3.57	16.3	14,682,000.00	667.264
11/4/2014 1:00	1,100.90	81.60	70.8	9240	3.59	16.3	14,706,000.00	621.090
11/4/2014 2:00	1,102.70	81.55	70.8	9240	3.51	16.3	15,036,000.00	620.049
11/4/2014 3:00	1,133.90	81.59	73.1	9240	3.42	16.3	16,200,000.00	620.203
11/4/2014 4:00	1,228.70	83.90	83.2	9240	3.4	16.3	18,144,000.00	638.422
11/4/2014 5:00	1,376.20	94.22	97.3	9240	3.4	16.3	18,054,000.00	721.863
11/4/2014 6:00	1,369.40	108.83	99.8	9240	3.47	16.3	18,204,000.00	847.690
11/4/2014 7:00	1,372.90	111.56	99.8	9240	3.4	16.3	18,408,000.00	867.567
11/4/2014 8:00	1,396.20	111.43	99.8	9240	3.49	16.3	18,936,000.00	867.698
11/4/2014 9:00	1,428.10	111.51	99.8	9240	3.46	16.3	18,906,000.00	870.837
11/4/2014 10:00	1,425.80	111.63	99.8	9240	3.54	16.3	18,852,000.00	874.426
11/4/2014 11:00	1,421.70	111.57	99.8	9240	3.45	16.3	18,888,000.00	875.760
11/4/2014 12:00	1,432.60	111.51	99.8	9240	3.51	16.3	18,828,000.00	875.572
11/4/2014 13:00	1,419.90	111.53	99.8	9240	3.5	16.3	18,828,000.00	875.838
11/4/2014 14:00	1,419.90	111.55	99.8	9240	3.5	16.3	19,008,000.00	875.453
11/4/2014 15:00	1,433.50	111.63	99.8	9240	3.49	16.3	18,984,000.00	875.767
11/4/2014 16:00	1,431.70	111.59	99.8	9240	3.48	16.3	18,336,000.00	875.057
11/4/2014 17:00	1,382.80	111.54	99.8	9240	3.55	16.3	18,600,000.00	874.860
11/4/2014 18:00	1,402.70	111.63	99.8	9240	3.46	16.3	18,828,000.00	875.087
11/4/2014 19:00	1,419.90	111.31	99.8	9240	3.51	16.3	18,624,000.00	871.464
11/4/2014 20:00	1,404.50	111.18	99.3	9240	3.48	16.3	18,060,000.00	870.199
11/4/2014 21:00	1,362.00	110.73	93.2	9240	3.54	16.3	17,850,000.00	865.927
11/4/2014 22:00	1,346.20	104.58	90.6	9240	3.53	16.3	17,610,000.00	812.509
11/4/2014 23:00	1,328.10	101.91	88.1	9240	3.55	16.3	16,422,000.00	789.690
11/5/2014 0:00	1,231.30	99.26	79.4	9240	3.62	16.3	15,264,000.00	766.166
11/5/2014 1:00	1,144.50	90.43	73.9	9240	3.63	16.3	14,670,000.00	690.519
11/5/2014 2:00	1,100.00	84.75	70.9	9240	3.64	16.3	14,586,000.00	645.847
11/5/2014 3:00	1,093.70	81.48	70.8	9240	3.55	16.3	15,564,000.00	622.742
11/5/2014 4:00	1,167.00	81.36	75.9	9240	3.5	16.3	16,860,000.00	625.035
11/5/2014 5:00	1,271.50	86.62	83.9	9240	3.52	16.3	18,708,000.00	666.143
11/5/2014 6:00	1,410.90	95.11	99.8	9240	3.44	16.3	18,702,000.00	729.434
11/5/2014 7:00	1,418.50	111.39	99.8	9240	3.56	16.3	19,512,000.00	872.713
11/5/2014 8:00	1,463.00	111.29	99.8	9240	3.59	16.3	19,632,000.00	871.400
11/5/2014 9:00	1,472.00	111.38	99.8	9240	3.53	16.3	18,384,000.00	874.069
11/5/2014 10:00	1,386.40	111.45	99.8	9240	3.44	16.3	18,192,000.00	876.566
11/5/2014 11:00	1,379.80	111.57	99.8	9240	3.52	16.3	18,432,000.00	878.823
11/5/2014 12:00	1,390.00	111.50	99.8	9240	3.49	16.3	18,342,000.00	877.281
11/5/2014 13:00	1,383.30	111.53	99.8	9240	3.56	16.3	18,630,000.00	877.550
11/5/2014 14:00	1,396.90	111.54	99.8	9240	3.48	16.3	18,990,000.00	877.970

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/5/2014 15:00	1,432.10	111.54	99.8	9240	3.5	16.3	18,864,000.00	878.063
11/5/2014 16:00	1,422.60	111.55	98.8	9240	3.34	16.3	18,384,000.00	878.204
11/5/2014 17:00	1,402.40	110.56	98.8	9240	3.56	16.3	18,378,000.00	870.202
11/5/2014 18:00	1,378.00	110.68	98.8	9240	3.53	16.3	18,480,000.00	869.542
11/5/2014 19:00	1,393.70	110.22	98.8	9240	3.51	16.3	18,474,000.00	863.973
11/5/2014 20:00	1,393.20	110.12	98.8	9240	3.51	16.3	17,166,000.00	862.349
11/5/2014 21:00	1,294.60	110.16	89.2	9240	3.52	16.3	17,526,000.00	862.201
11/5/2014 22:00	1,321.70	100.25	88.4	9240	3.58	16.3	16,536,000.00	775.456
11/5/2014 23:00	1,239.90	99.56	81.9	9240	3.49	16.3	17,040,000.00	770.402
11/6/2014 0:00	1,285.10	92.88	86.0	9240	3.6	16.3	15,576,000.00	713.161
11/6/2014 1:00	1,167.90	97.10	75.9	9240	3.59	16.3	15,480,000.00	752.544
11/6/2014 2:00	1,160.70	86.82	77.3	9240	3.57	16.3	15,708,000.00	664.941
11/6/2014 3:00	1,177.80	88.14	78.2	9240	3.55	16.3	15,870,000.00	673.117
11/6/2014 4:00	1,196.80	89.13	79.4	9240	3.52	16.3	16,992,000.00	680.500
11/6/2014 5:00	1,281.40	90.42	87.2	9240	3.51	16.3	18,504,000.00	690.857
11/6/2014 6:00	1,393.50	98.55	99.8	9240	3.46	16.3	18,480,000.00	760.564
11/6/2014 7:00	1,393.70	111.46	99.8	9240	3.52	16.3	18,468,000.00	872.947
11/6/2014 8:00	1,392.80	111.35	99.8	9240	3.51	16.3	18,414,000.00	873.533
11/6/2014 9:00	1,388.70	111.48	99.8	9240	3.45	16.3	18,240,000.00	877.692
11/6/2014 10:00	1,383.50	111.84	99.8	9240	3.49	16.3	18,090,000.00	876.196
11/6/2014 11:00	1,364.30	111.63	99.8	9240	3.57	16.3	16,032,000.00	873.970
11/6/2014 12:00	1,202.10	111.60	84.1	9240	3.61	16.3	14,838,000.00	873.838
11/6/2014 13:00	1,112.60	95.58	74.8	9240	3.62	16.3	14,886,000.00	736.685
11/6/2014 14:00	1,116.20	86.07	74.8	9240	3.56	16.3	14,856,000.00	655.460
11/6/2014 15:00	1,113.90	86.14	74.8	9240	3.58	16.3	14,976,000.00	656.013
11/6/2014 16:00	1,122.90	86.20	74.8	9240	3.6	16.3	14,850,000.00	656.350
11/6/2014 17:00	1,113.50	86.19	74.8	9240	3.57	16.3	14,988,000.00	656.109
11/6/2014 18:00	1,123.80	86.17	74.8	9240	3.61	16.3	15,078,000.00	655.731
11/6/2014 19:00	1,130.60	86.00	74.8	9240	3.59	16.3	14,988,000.00	654.344
11/6/2014 20:00	1,123.80	85.91	74.8	9240	3.46	16.3	18,018,000.00	653.682
11/6/2014 21:00	1,358.80	85.94	95.1	9240	3.48	16.3	17,526,000.00	654.466
11/6/2014 22:00	1,321.70	106.63	93.2	9240	3.53	16.3	16,710,000.00	830.834
11/6/2014 23:00	1,260.20	104.62	86.8	9240	3.51	16.3	17,370,000.00	813.459
11/7/2014 0:00	1,310.00	97.95	91.3	9240	3.53	16.3	16,536,000.00	755.355
11/7/2014 1:00	1,247.10	102.68	83.4	9240	3.56	16.3	15,792,000.00	796.269
11/7/2014 2:00	1,184.10	94.58	77.8	9240	3.53	16.3	16,044,000.00	725.582
11/7/2014 3:00	1,210.00	88.90	78.7	9240	3.51	16.3	15,180,000.00	675.256
11/7/2014 4:00	1,144.80	89.84	74.8	9240	3.53	16.3	16,548,000.00	681.919
11/7/2014 5:00	1,248.00	85.94	84.4	9240	3.41	16.3	18,186,000.00	650.701
11/7/2014 6:00	1,379.40	95.83	99.8	9240	3.41	16.3	18,228,000.00	731.948
11/7/2014 7:00	1,382.60	111.66	99.8	9240	3.42	16.3	18,186,000.00	867.761
11/7/2014 8:00	1,379.40	111.66	99.8	9240	3.41	16.3	18,066,000.00	865.878
11/7/2014 9:00	1,370.30	111.75	99.8	9240	3.41	16.3	18,066,000.00	866.543
11/7/2014 10:00	1,370.30	111.70	99.8	9240	3.48	16.3	16,884,000.00	865.958
11/7/2014 11:00	1,273.30	111.70	89.7	9240	3.45	16.3	16,878,000.00	866.002
11/7/2014 12:00	1,280.20	101.35	87.5	9240	3.49	16.3	15,288,000.00	777.794
11/7/2014 13:00	1,152.90	99.06	75.5	9240	3.53	16.3	15,042,000.00	758.353
11/7/2014 14:00	1,134.40	86.85	74.8	9240	3.5	16.3	14,682,000.00	655.611
11/7/2014 15:00	1,107.20	86.08	74.8	9240	3.41	16.3	15,414,000.00	649.173
11/7/2014 16:00	1,169.10	86.02	79.7	9240	3.32	16.3	16,980,000.00	649.241
11/7/2014 17:00	1,295.30	91.08	91.3	9240	3.45	16.3	16,182,000.00	689.743
11/7/2014 18:00	1,220.40	102.95	85.0	9240	3.35	16.3	16,824,000.00	792.394
11/7/2014 19:00	1,276.10	96.27	90.1	9240	3.38	16.3	16,986,000.00	732.900
11/7/2014 20:00	1,288.40	101.38	90.6	9240	3.43	16.3	15,852,000.00	777.661
11/7/2014 21:00	1,202.30	102.02	81.5	9240	3.39	16.3	17,334,000.00	782.992
11/7/2014 22:00	1,314.80	92.80	92.7	9240	3.42	16.3	16,272,000.00	702.257
11/7/2014 23:00	1,234.20	104.12	85.2	9240	3.44	16.3	15,678,000.00	802.027
11/8/2014 0:00	1,189.10	96.48	80.0	9240	3.48	16.3	15,900,000.00	734.678
11/8/2014 1:00	1,199.10	91.26	79.5	9240	3.47	16.3	16,320,000.00	688.669
11/8/2014 2:00	1,230.80	90.75	82.0	9240	3.38	16.3	16,422,000.00	688.063
11/8/2014 3:00	1,245.60	93.34	83.2	9240	3.39	16.3	16,842,000.00	706.727
11/8/2014 4:00	1,277.40	94.52	86.5	9240	3.43	16.3	16,680,000.00	718.077
11/8/2014 5:00	1,265.10	97.93	87.6	9240	3.4	16.3	17,874,000.00	748.056
11/8/2014 6:00	1,355.70	98.90	97.8	9240	3.35	16.3	17,928,000.00	755.083
11/8/2014 7:00	1,359.80	109.04	97.8	9240	3.47	16.3	14,700,000.00	845.169
11/8/2014 8:00	1,108.60	108.95	74.9	9240	3.46	16.3	14,304,000.00	844.568
11/8/2014 9:00	1,078.70	85.59	71.5	9240	3.49	16.3	14,640,000.00	649.383
11/8/2014 10:00	1,104.10	82.17	73.3	9240	3.47	16.3	14,706,000.00	622.631
11/8/2014 11:00	1,109.00	84.01	73.8	9240	3.49	16.3	14,574,000.00	637.720
11/8/2014 12:00	1,099.10	84.50	73.8	9240	3.46	16.3	13,974,000.00	642.263
11/8/2014 13:00	1,053.80	84.53	71.0	9240	3.44	16.3	14,124,000.00	642.820
11/8/2014 14:00	1,071.30	81.53	70.8	9240	3.47	16.3	14,406,000.00	619.841
11/8/2014 15:00	1,086.40	81.30	72.0	9240	3.43	16.3	16,092,000.00	617.870
11/8/2014 16:00	1,220.50	82.53	82.5	9240	3.4	16.3	16,008,000.00	627.200
11/8/2014 17:00	1,214.20	93.38	81.8	9240	3.32	16.3	17,868,000.00	715.411

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/8/2014 18:00	1,363.00	92.87	97.5	9240	3.38	16.3	17,670,000.00	706.511
11/8/2014 19:00	1,340.20	108.76	95.4	9240	3.41	16.3	16,632,000.00	845.163
11/8/2014 20:00	1,261.50	106.66	86.8	9240	3.49	16.3	15,162,000.00	827.494
11/8/2014 21:00	1,143.40	97.96	75.8	9240	3.52	16.3	15,090,000.00	751.864
11/8/2014 22:00	1,138.00	86.69	73.3	9240	3.46	16.3	15,648,000.00	658.342
11/8/2014 23:00	1,180.10	84.13	76.6	9240	3.42	16.3	16,608,000.00	639.446
11/9/2014 0:00	1,259.70	87.49	82.8	9240	3.48	16.3	15,558,000.00	665.036
11/9/2014 1:00	1,173.30	93.93	77.9	9240	3.5	16.3	14,688,000.00	719.247
11/9/2014 2:00	1,107.70	88.85	73.4	9240	3.5	16.3	14,862,000.00	675.393
11/9/2014 3:00	1,120.80	84.23	74.1	9240	3.46	16.3	15,108,000.00	638.961
11/9/2014 4:00	1,139.40	84.92	75.7	9240	3.47	16.3	15,090,000.00	643.891
11/9/2014 5:00	1,138.00	86.58	75.8	9240	3.44	16.3	15,006,000.00	656.836
11/9/2014 6:00	1,138.20	86.69	75.8	9240	3.44	16.3	14,964,000.00	657.500
11/9/2014 7:00	1,135.00	86.54	75.8	9240	3.33	16.3	17,718,000.00	655.979
11/9/2014 8:00	1,351.60	86.50	96.3	9240	3.42	16.3	16,698,000.00	655.983
11/9/2014 9:00	1,266.50	107.45	89.9	9240	3.41	16.3	16,158,000.00	836.021
11/9/2014 10:00	1,225.60	100.79	85.0	9240	3.41	16.3	16,008,000.00	778.717
11/9/2014 11:00	1,214.20	95.86	84.8	9240	3.42	16.3	16,278,000.00	736.421
11/9/2014 12:00	1,234.70	95.65	84.8	9240	3.44	16.3	16,254,000.00	735.352
11/9/2014 13:00	1,232.80	95.75	85.0	9240	3.35	16.3	16,122,000.00	736.299
11/9/2014 14:00	1,229.80	96.07	85.8	9240	3.4	16.3	16,284,000.00	739.551
11/9/2014 15:00	1,235.10	96.88	85.8	9240	3.42	16.3	16,752,000.00	747.037
11/9/2014 16:00	1,270.60	96.85	88.5	9240	3.39	16.3	16,962,000.00	746.681
11/9/2014 17:00	1,286.50	99.67	90.7	9240	3.38	16.3	17,094,000.00	770.420
11/9/2014 18:00	1,296.50	101.95	90.7	9240	3.4	16.3	16,146,000.00	790.321
11/9/2014 19:00	1,224.60	101.88	83.7	9240	3.52	16.3	14,976,000.00	788.767
11/9/2014 20:00	1,129.40	94.69	74.1	9240	3.51	16.3	14,772,000.00	724.778
11/9/2014 21:00	1,114.00	84.96	72.3	9240	3.44	16.3	15,174,000.00	645.816
11/9/2014 22:00	1,150.90	83.18	74.6	9240	3.42	16.3	16,026,000.00	630.318
11/9/2014 23:00	1,215.50	85.52	80.8	9240	3.35	16.3	16,458,000.00	648.295
11/10/2014 0:00	1,255.40	91.79	85.1	9240	3.46	16.3	15,684,000.00	699.651
11/10/2014 1:00	1,182.80	96.20	79.4	9240	3.43	16.3	15,744,000.00	737.093
11/10/2014 2:00	1,194.20	90.39	79.6	9240	3.38	16.3	16,344,000.00	686.138
11/10/2014 3:00	1,239.70	90.60	84.1	9240	3.31	16.3	17,502,000.00	686.836
11/10/2014 4:00	1,335.10	95.23	93.7	9240	3.45	16.3	17,922,000.00	727.908
11/10/2014 5:00	1,351.60	105.02	96.5	9240	3.46	16.3	15,342,000.00	812.582
11/10/2014 6:00	1,157.00	107.91	78.4	9240	3.43	16.3	14,250,000.00	837.202
11/10/2014 7:00	1,080.80	89.51	71.8	9240	3.47	16.3	14,364,000.00	681.127
11/10/2014 8:00	1,083.30	82.74	71.8	9240	3.51	16.3	14,412,000.00	626.049
11/10/2014 9:00	1,086.90	82.86	71.8	9240	3.5	16.3	14,448,000.00	628.583
11/10/2014 10:00	1,089.60	82.85	71.8	9240	3.53	16.3	14,748,000.00	629.946
11/10/2014 11:00	1,112.20	82.95	71.8	9240	3.41	16.3	14,580,000.00	631.853
11/10/2014 12:00	1,105.90	82.93	71.8	9240	3.37	16.3	14,274,000.00	631.760
11/10/2014 13:00	1,082.70	82.94	71.8	9240	3.49	16.3	14,514,000.00	632.911
11/10/2014 14:00	1,094.60	83.02	71.8	9240	3.43	16.3	14,376,000.00	633.418
11/10/2014 15:00	1,090.40	82.88	71.8	9240	3.43	16.3	14,364,000.00	632.042
11/10/2014 16:00	1,089.50	82.84	71.8	9240	3.39	16.3	14,460,000.00	631.949
11/10/2014 17:00	1,096.80	83.00	71.8	9240	3.41	16.3	14,448,000.00	632.745
11/10/2014 18:00	1,095.90	82.97	71.8	9240	3.44	16.3	14,406,000.00	631.570
11/10/2014 19:00	1,092.70	82.78	71.8	9240	3.48	16.3	14,394,000.00	629.513
11/10/2014 20:00	1,085.50	82.57	71.8	9240	3.46	16.3	14,646,000.00	627.535
11/10/2014 21:00	1,104.50	82.56	71.8	9240	3.53	16.3	14,754,000.00	627.157
11/10/2014 22:00	1,112.70	82.63	71.8	9240	3.48	16.3	14,802,000.00	627.821
11/10/2014 23:00	1,116.30	82.57	71.8	9240	3.49	16.3	14,790,000.00	627.720
11/11/2014 0:00	1,115.40	82.61	71.8	9240	3.46	16.3	14,430,000.00	627.198
11/11/2014 1:00	1,088.20	82.63	71.8	9240	3.48	16.3	14,472,000.00	627.508
11/11/2014 2:00	1,091.40	82.61	71.8	9240	3.46	16.3	14,376,000.00	625.815
11/11/2014 3:00	1,084.20	82.51	71.8	9240	3.42	16.3	14,358,000.00	624.867
11/11/2014 4:00	1,089.00	82.45	71.8	9240	3.49	16.3	14,508,000.00	626.276
11/11/2014 5:00	1,094.10	82.45	71.8	9240	3.44	16.3	14,466,000.00	627.306
11/11/2014 6:00	1,097.20	82.63	71.8	9240	3.43	16.3	14,502,000.00	629.148
11/11/2014 7:00	1,100.00	82.65	71.8	9240	3.48	16.3	14,598,000.00	628.637
11/11/2014 8:00	1,100.90	82.67	71.8	9240	3.47	16.3	14,592,000.00	631.988
11/11/2014 9:00	1,100.50	82.72	71.8	9240	3.49	16.3	14,526,000.00	634.887
11/11/2014 10:00	1,095.50	82.85	71.8	9240	3.49	16.3	14,460,000.00	633.964
11/11/2014 11:00	1,090.50	82.84	71.8	9240	3.47	16.3	14,484,000.00	633.122
11/11/2014 12:00	1,092.30	82.85	71.8	9240	3.52	16.3	14,274,000.00	634.226
11/11/2014 13:00	1,076.50	82.81	71.8	9240	3.45	16.3	14,094,000.00	634.167
11/11/2014 14:00	1,062.90	82.87	71.8	9240	3.44	16.3	14,364,000.00	634.272
11/11/2014 15:00	1,089.50	82.87	71.8	9240	3.41	16.3	14,364,000.00	633.727
11/11/2014 16:00	1,089.50	82.89	71.8	9240	3.47	16.3	14,298,000.00	633.191
11/11/2014 17:00	1,078.30	82.83	71.8	9240	3.47	16.3	14,250,000.00	632.102
11/11/2014 18:00	1,074.70	82.77	71.8	9240	3.51	16.3	14,298,000.00	629.889
11/11/2014 19:00	1,078.30	82.58	71.8	9240	3.45	16.3	14,352,000.00	627.159
11/11/2014 20:00	1,082.40	82.54	71.8	9240	3.49	16.3	14,832,000.00	625.976

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/11/2014 21:00	1,118.60	82.58	71.8	9240	3.51	16.3	14,856,000.00	626.644
11/11/2014 22:00	1,120.40	82.57	71.8	9240	3.46	16.3	14,844,000.00	627.333
11/11/2014 23:00	1,119.50	82.42	71.8	9240	3.48	16.3	14,688,000.00	629.222
11/12/2014 0:00	1,107.70	82.43	71.8	9240	3.43	16.3	14,340,000.00	630.376
11/12/2014 1:00	1,087.70	82.46	71.8	9240	3.45	16.3	14,370,000.00	629.822
11/12/2014 2:00	1,089.90	82.47	71.8	9240	3.45	16.3	14,418,000.00	628.313
11/12/2014 3:00	1,087.30	82.46	71.8	9240	3.45	16.3	14,322,000.00	627.570
11/12/2014 4:00	1,086.30	82.44	71.8	9240	3.43	16.3	14,364,000.00	626.187
11/12/2014 5:00	1,089.50	82.50	71.8	9240	3.46	16.3	14,490,000.00	626.799
11/12/2014 6:00	1,092.80	82.51	71.8	9240	3.38	16.3	15,828,000.00	626.518
11/12/2014 7:00	1,200.50	82.75	81.1	9240	3.37	16.3	18,462,000.00	628.559
11/12/2014 8:00	1,400.30	92.24	100.8	9240	3.52	16.3	15,150,000.00	708.527
11/12/2014 9:00	1,142.50	112.54	77.7	9240	3.39	16.3	17,118,000.00	880.864
11/12/2014 10:00	1,298.40	89.02	90.9	9240	3.4	16.3	17,610,000.00	680.299
11/12/2014 11:00	1,335.70	102.46	94.1	9240	3.42	16.3	18,012,000.00	793.946
11/12/2014 12:00	1,366.20	105.73	98.8	9240	3.35	16.3	16,944,000.00	821.795
11/12/2014 13:00	1,292.50	110.52	90.7	9240	3.43	16.3	17,154,000.00	864.712
11/12/2014 14:00	1,301.10	102.26	92.2	9240	3.43	16.3	17,544,000.00	793.517
11/12/2014 15:00	1,330.70	103.72	95.0	9240	3.39	16.3	18,186,000.00	805.225
11/12/2014 16:00	1,379.40	106.50	99.1	9240	3.4	16.3	18,372,000.00	831.737
11/12/2014 17:00	1,393.50	110.60	100.8	9240	3.45	16.3	18,444,000.00	865.971
11/12/2014 18:00	1,391.00	112.47	100.8	9240	3.37	16.3	18,228,000.00	879.901
11/12/2014 19:00	1,382.60	112.44	100.8	9240	3.4	16.3	17,856,000.00	876.935
11/12/2014 20:00	1,354.30	112.39	96.9	9240	3.49	16.3	14,766,000.00	876.125
11/12/2014 21:00	1,113.60	108.20	75.0	9240	3.51	16.3	14,778,000.00	840.105
11/12/2014 22:00	1,114.50	85.90	71.8	9240	3.53	16.3	15,024,000.00	652.446
11/12/2014 23:00	1,133.00	82.47	71.8	9240	3.52	16.3	15,096,000.00	628.512
11/13/2014 0:00	1,138.50	82.42	71.8	9240	3.52	16.3	15,054,000.00	632.343
11/13/2014 1:00	1,135.30	82.44	71.8	9240	3.52	16.3	14,622,000.00	633.225
11/13/2014 2:00	1,102.70	82.45	71.8	9240	3.51	16.3	14,514,000.00	634.473
11/13/2014 3:00	1,094.60	82.39	71.8	9240	3.5	16.3	14,664,000.00	632.604
11/13/2014 4:00	1,105.90	82.38	71.8	9240	3.49	16.3	15,918,000.00	633.571
11/13/2014 5:00	1,200.50	82.43	78.1	9240	3.47	16.3	16,518,000.00	632.973
11/13/2014 6:00	1,245.70	88.82	85.0	9240	3.41	16.3	15,672,000.00	684.895
11/13/2014 7:00	1,188.70	96.02	78.3	9240	3.46	16.3	16,608,000.00	742.690
11/13/2014 8:00	1,252.50	89.55	83.4	9240	3.42	16.3	17,262,000.00	690.273
11/13/2014 9:00	1,309.30	94.72	90.1	9240	3.4	16.3	17,328,000.00	727.724
11/13/2014 10:00	1,314.30	101.48	90.7	9240	3.51	16.3	16,920,000.00	788.441
11/13/2014 11:00	1,276.00	102.24	87.5	9240	3.6	16.3	15,240,000.00	795.607
11/13/2014 12:00	1,142.70	98.80	74.8	9240	3.24	16.3	17,484,000.00	768.437
11/13/2014 13:00	1,341.30	85.93	90.3	9240	3.49	16.3	17,820,000.00	657.520
11/13/2014 14:00	1,343.90	101.79	92.6	9240	3.44	16.3	16,716,000.00	800.843
11/13/2014 15:00	1,267.90	104.05	87.3	9240	3.37	16.3	16,560,000.00	813.060
11/13/2014 16:00	1,256.00	98.69	84.5	9240	3.43	16.3	17,496,000.00	767.313
11/13/2014 17:00	1,327.00	95.77	91.6	9240	3.5	16.3	17,634,000.00	741.359
11/13/2014 18:00	1,329.90	102.95	91.7	9240	3.47	16.3	16,068,000.00	804.602
11/13/2014 19:00	1,211.80	102.91	81.4	9240	3.44	16.3	16,248,000.00	803.017
11/13/2014 20:00	1,232.40	92.32	80.8	9240	3.53	16.3	16,362,000.00	710.413
11/13/2014 21:00	1,233.90	91.78	81.1	9240	3.52	16.3	15,372,000.00	705.402
11/13/2014 22:00	1,159.30	92.10	75.0	9240	3.5	16.3	14,832,000.00	709.243
11/13/2014 23:00	1,118.60	85.77	71.8	9240	3.5	16.3	14,592,000.00	654.095
11/14/2014 0:00	1,100.50	82.60	71.8	9240	3.39	16.3	14,334,000.00	628.794
11/14/2014 1:00	1,087.20	82.61	71.8	9240	3.34	16.3	14,436,000.00	627.272
11/14/2014 2:00	1,101.20	82.54	71.8	9240	3.59	16.3	14,670,000.00	625.940
11/14/2014 3:00	1,100.00	82.50	71.8	9240	3.49	16.3	16,422,000.00	624.860
11/14/2014 4:00	1,238.50	82.59	83.3	9240	3.38	16.3	17,304,000.00	624.171
11/14/2014 5:00	1,312.50	94.23	89.4	9240	3.48	16.3	14,892,000.00	719.625
11/14/2014 6:00	1,123.10	100.57	74.9	9240	3.39	16.3	15,810,000.00	777.343
11/14/2014 7:00	1,199.20	85.96	79.9	9240	3.33	16.3	16,686,000.00	652.188
11/14/2014 8:00	1,272.80	91.03	85.9	9240	3.43	16.3	17,790,000.00	690.976
11/14/2014 9:00	1,349.30	97.19	87.0	9240	3.52	16.3	17,232,000.00	746.022
11/14/2014 10:00	1,299.50	98.23	85.8	9240	3.43	16.3	16,668,000.00	756.031
11/14/2014 11:00	1,264.20	96.97	85.8	9240	3.71	16.3	16,410,000.00	746.301
11/14/2014 12:00	1,223.30	96.99	83.0	9240	3.5	16.3	16,674,000.00	746.671
11/14/2014 13:00	1,257.50	94.06	84.9	9240	3.43	16.3	16,338,000.00	721.975
11/14/2014 14:00	1,239.20	96.09	84.9	9240	3.37	16.3	17,286,000.00	740.028
11/14/2014 15:00	1,311.10	95.93	92.6	9240	3.37	16.3	17,748,000.00	739.089
11/14/2014 16:00	1,346.20	103.87	97.1	9240	3.38	16.3	18,288,000.00	807.548
11/14/2014 17:00	1,387.10	108.48	99.6	9240	3.44	16.3	18,246,000.00	847.202
11/14/2014 18:00	1,383.90	111.15	99.8	9240	3.36	16.3	18,186,000.00	866.969
11/14/2014 19:00	1,379.40	111.15	99.8	9240	3.32	16.3	18,162,000.00	863.959
11/14/2014 20:00	1,385.40	111.14	99.8	9240	3.33	16.3	18,156,000.00	862.418
11/14/2014 21:00	1,385.00	111.15	99.8	9240	3.41	16.3	16,176,000.00	862.323
11/14/2014 22:00	1,226.90	111.17	83.5	9240	3.48	16.3	15,288,000.00	861.555
11/14/2014 23:00	1,152.90	94.44	74.8	9240	3.45	16.3	15,342,000.00	722.413

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/15/2014 0:00	1,163.70	85.47	75.1	9240	3.41	16.3	16,464,000.00	651.702
11/15/2014 1:00	1,248.80	85.81	80.8	9240	3.38	16.3	16,350,000.00	654.934
11/15/2014 2:00	1,240.10	91.67	82.7	9240	3.36	16.3	15,966,000.00	702.887
11/15/2014 3:00	1,211.00	93.54	81.8	9240	3.35	16.3	16,104,000.00	720.075
11/15/2014 4:00	1,221.50	92.64	82.2	9240	3.48	16.3	17,544,000.00	711.796
11/15/2014 5:00	1,323.10	93.06	92.8	9240	3.38	16.3	17,754,000.00	714.822
11/15/2014 6:00	1,346.60	103.87	95.4	9240	3.33	16.3	18,192,000.00	811.435
11/15/2014 7:00	1,387.70	106.45	98.8	9240	3.43	16.3	18,216,000.00	827.070
11/15/2014 8:00	1,381.70	109.93	98.8	9240	3.44	16.3	17,580,000.00	855.796
11/15/2014 9:00	1,333.40	109.93	93.3	9240	3.4	16.3	15,810,000.00	856.582
11/15/2014 10:00	1,199.20	104.36	80.4	9240	3.41	16.3	16,920,000.00	811.917
11/15/2014 11:00	1,283.40	91.14	87.6	9240	3.46	16.3	16,854,000.00	698.361
11/15/2014 12:00	1,271.00	98.51	86.8	9240	3.45	16.3	16,890,000.00	764.681
11/15/2014 13:00	1,273.80	97.76	87.8	9240	3.39	16.3	16,188,000.00	759.152
11/15/2014 14:00	1,227.80	98.66	82.7	9240	3.4	16.3	17,280,000.00	767.969
11/15/2014 15:00	1,310.70	93.46	90.1	9240	3.46	16.3	18,156,000.00	720.983
11/15/2014 16:00	1,369.20	101.04	98.1	9240	3.31	16.3	18,300,000.00	786.983
11/15/2014 17:00	1,396.00	109.38	100.7	9240	3.34	16.3	18,270,000.00	859.437
11/15/2014 18:00	1,393.70	112.07	100.8	9240	3.37	16.3	16,416,000.00	881.320
11/15/2014 19:00	1,245.10	112.11	85.7	9240	3.44	16.3	15,774,000.00	880.638
11/15/2014 20:00	1,196.40	96.79	78.3	9240	3.48	16.3	15,858,000.00	747.691
11/15/2014 21:00	1,195.90	89.17	76.8	9240	3.43	16.3	15,738,000.00	682.719
11/15/2014 22:00	1,193.70	87.72	76.8	9240	3.45	16.3	15,288,000.00	669.702
11/15/2014 23:00	1,159.60	87.69	74.8	9240	3.48	16.3	14,298,000.00	669.107
11/16/2014 0:00	1,078.30	85.73	70.8	9240	3.46	16.3	14,262,000.00	654.055
11/16/2014 1:00	1,075.60	81.63	70.8	9240	3.43	16.3	14,358,000.00	619.566
11/16/2014 2:00	1,089.00	81.63	70.8	9240	3.43	16.3	14,364,000.00	620.070
11/16/2014 3:00	1,089.50	81.55	70.8	9240	3.45	16.3	14,358,000.00	619.662
11/16/2014 4:00	1,082.80	81.56	70.8	9240	3.43	16.3	14,394,000.00	620.399
11/16/2014 5:00	1,091.80	81.59	70.8	9240	3.37	16.3	15,300,000.00	621.327
11/16/2014 6:00	1,160.50	81.58	76.1	9240	3.43	16.3	15,966,000.00	621.277
11/16/2014 7:00	1,211.00	86.89	80.9	9240	3.34	16.3	15,924,000.00	661.456
11/16/2014 8:00	1,214.70	91.75	79.7	9240	3.38	16.3	15,966,000.00	703.886
11/16/2014 9:00	1,211.00	90.54	80.0	9240	3.51	16.3	15,414,000.00	694.938
11/16/2014 10:00	1,162.40	90.69	75.7	9240	3.49	16.3	16,818,000.00	699.828
11/16/2014 11:00	1,268.30	86.31	83.9	9240	3.5	16.3	17,118,000.00	667.420
11/16/2014 12:00	1,291.00	94.75	87.3	9240	3.38	16.3	16,968,000.00	741.633
11/16/2014 13:00	1,287.00	98.22	87.7	9240	3.39	16.3	17,370,000.00	773.413
11/16/2014 14:00	1,317.50	98.61	91.0	9240	3.29	16.3	18,222,000.00	777.152
11/16/2014 15:00	1,390.00	101.95	97.1	9240	3.46	16.3	18,432,000.00	806.224
11/16/2014 16:00	1,390.00	108.21	98.0	9240	3.44	16.3	18,690,000.00	861.551
11/16/2014 17:00	1,417.60	109.18	100.8	9240	3.45	16.3	18,612,000.00	870.311
11/16/2014 18:00	1,411.70	112.20	100.8	9240	3.44	16.3	17,676,000.00	891.808
11/16/2014 19:00	1,340.70	112.24	92.1	9240	3.51	16.3	15,942,000.00	883.772
11/16/2014 20:00	1,202.30	103.34	78.2	9240	3.48	16.3	16,428,000.00	807.082
11/16/2014 21:00	1,238.90	89.17	78.7	9240	3.5	16.3	16,416,000.00	682.996
11/16/2014 22:00	1,238.00	89.73	77.8	9240	3.5	16.3	16,548,000.00	689.541
11/16/2014 23:00	1,248.00	88.72	77.8	9240	3.43	16.3	16,422,000.00	681.975
11/17/2014 0:00	1,245.60	88.69	77.8	9240	3.47	16.3	15,984,000.00	686.025
11/17/2014 1:00	1,205.40	88.69	77.2	9240	3.49	16.3	15,228,000.00	686.123
11/17/2014 2:00	1,148.40	88.04	72.8	9240	3.46	16.3	15,150,000.00	681.619
11/17/2014 3:00	1,142.50	83.47	72.8	9240	3.47	16.3	15,252,000.00	645.371
11/17/2014 4:00	1,150.20	83.51	72.8	9240	3.52	16.3	15,240,000.00	646.354
11/17/2014 5:00	1,149.30	83.54	72.8	9240	3.47	16.3	15,204,000.00	646.875
11/17/2014 6:00	1,146.60	83.77	72.8	9240	3.45	16.3	15,318,000.00	647.674
11/17/2014 7:00	1,155.20	83.72	72.8	9240	3.58	16.3	16,704,000.00	647.666
11/17/2014 8:00	1,252.50	83.83	72.8	9240	3.59	16.3	16,128,000.00	649.538
11/17/2014 9:00	1,209.30	83.95	72.8	9240	3.52	16.3	17,406,000.00	649.203
11/17/2014 10:00	1,312.70	83.85	80.4	9240	3.36	16.3	17,382,000.00	646.944
11/17/2014 11:00	1,318.40	91.69	86.4	9240	3.52	16.3	14,802,000.00	712.741
11/17/2014 12:00	1,116.30	97.94	72.6	9240	3.48	16.3	15,834,000.00	765.899
11/17/2014 13:00	1,194.10	83.66	76.3	9240	3.53	16.3	16,782,000.00	641.112
11/17/2014 14:00	1,265.60	87.62	78.8	9240	3.55	16.3	16,008,000.00	672.321
11/17/2014 15:00	1,207.20	90.00	72.4	9240	3.47	16.3	16,578,000.00	690.364
11/17/2014 16:00	1,250.20	83.54	77.4	9240	3.44	16.3	18,306,000.00	640.747
11/17/2014 17:00	1,388.50	88.73	93.8	9240	3.41	16.3	18,906,000.00	681.636
11/17/2014 18:00	1,434.00	105.23	100.6	9240	3.55	16.3	19,704,000.00	824.705
11/17/2014 19:00	1,486.00	111.92	100.6	9240	3.45	16.3	17,406,000.00	880.996
11/17/2014 20:00	1,312.70	111.96	89.1	9240	3.46	16.3	17,496,000.00	882.013
11/17/2014 21:00	1,319.50	100.23	90.0	9240	3.5	16.3	16,464,000.00	777.214
11/17/2014 22:00	1,241.60	101.17	80.6	9240	3.52	16.3	15,924,000.00	781.797
11/17/2014 23:00	1,200.90	91.62	76.7	9240	3.47	16.3	15,036,000.00	700.138
11/18/2014 0:00	1,133.90	87.54	71.8	9240	3.46	16.3	15,318,000.00	665.820
11/18/2014 1:00	1,155.20	82.47	74.4	9240	3.4	16.3	15,894,000.00	626.576
11/18/2014 2:00	1,205.50	85.13	79.0	9240	3.43	16.3	16,446,000.00	646.699



Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/18/2014 3:00	1,247.40	89.82	82.3	9240	3.4	16.3	16,698,000.00	681.638
11/18/2014 4:00	1,266.50	93.29	85.0	9240	3.41	16.3	17,604,000.00	710.276
11/18/2014 5:00	1,335.20	96.01	91.8	9240	3.4	16.3	17,574,000.00	734.132
11/18/2014 6:00	1,333.00	103.07	91.8	9240	3.37	16.3	17,616,000.00	795.665
11/18/2014 7:00	1,336.10	103.28	91.8	9240	3.46	16.3	17,370,000.00	796.543
11/18/2014 8:00	1,310.00	103.00	90.9	9240	3.37	16.3	15,462,000.00	795.069
11/18/2014 9:00	1,172.80	102.02	78.3	9240	3.3	16.3	18,408,000.00	790.215
11/18/2014 10:00	1,404.20	89.31	97.2	9240	3.47	16.3	17,184,000.00	683.587
11/18/2014 11:00	1,295.90	108.59	90.3	9240	3.51	16.3	14,616,000.00	846.780
11/18/2014 12:00	1,102.30	101.44	71.8	9240	3.46	16.3	14,622,000.00	787.554
11/18/2014 13:00	1,102.70	82.59	71.8	9240	3.4	16.3	14,670,000.00	629.310
11/18/2014 14:00	1,112.70	82.50	71.8	9240	3.47	16.3	14,766,000.00	629.583
11/18/2014 15:00	1,113.60	82.43	72.1	9240	3.4	16.3	17,730,000.00	629.759
11/18/2014 16:00	1,344.80	82.82	90.1	9240	3.45	16.3	19,200,000.00	632.143
11/18/2014 17:00	1,448.00	101.29	100.8	9240	3.38	16.3	18,660,000.00	788.457
11/18/2014 18:00	1,415.30	112.34	100.8	9240	3.37	16.3	18,522,000.00	879.960
11/18/2014 19:00	1,404.90	112.04	100.8	9240	3.39	16.3	18,582,000.00	874.878
11/18/2014 20:00	1,409.40	111.99	100.8	9240	3.38	16.3	18,438,000.00	873.814
11/18/2014 21:00	1,398.50	111.99	99.6	9240	3.4	16.3	17,718,000.00	873.776
11/18/2014 22:00	1,343.90	110.82	93.1	9240	3.43	16.3	17,538,000.00	863.501
11/18/2014 23:00	1,330.20	104.15	90.4	9240	3.44	16.3	17,010,000.00	804.886
11/19/2014 0:00	1,290.20	101.45	83.5	9240	3.44	16.3	17,088,000.00	780.693
11/19/2014 1:00	1,296.10	94.51	83.8	9240	3.45	16.3	17,526,000.00	719.841
11/19/2014 2:00	1,321.70	94.78	87.5	9240	3.68	16.3	17,214,000.00	720.097
11/19/2014 3:00	1,283.30	98.72	86.0	9240	4.11	16.3	18,198,000.00	755.077
11/19/2014 4:00	1,325.10	97.26	95.9	9240	4.8	16.3	18,582,000.00	742.097
11/19/2014 5:00	1,377.20	107.40	100.8	9240	0	16.3	18,210,000.00	830.875
11/19/2014 6:00	1,349.60	112.39	97.5	9240	0	16.3	17,232,000.00	873.913
11/19/2014 7:00	1,277.10	108.76	88.1	9240	0	16.3	16,794,000.00	842.843
11/19/2014 8:00	1,244.70	99.22	85.1	9240	0	16.3	16,986,000.00	767.200
11/19/2014 9:00	1,258.90	96.23	87.3	9240	0	16.3	16,434,000.00	739.611
11/19/2014 10:00	1,218.00	98.45	83.1	9240	0	16.3	17,268,000.00	758.986
11/19/2014 11:00	1,279.80	94.31	88.5	9240	3.54	16.3	18,846,000.00	722.444
11/19/2014 12:00	1,421.30	99.70	100.3	9240	3.45	16.3	18,174,000.00	771.220
11/19/2014 13:00	1,370.60	112.04	97.6	9240	3.34	16.3	18,042,000.00	872.386
11/19/2014 14:00	1,376.30	109.17	94.4	9240	3.44	16.3	18,042,000.00	844.119
11/19/2014 15:00	1,368.50	105.86	94.8	9240	3.41	16.3	18,534,000.00	815.855
11/19/2014 16:00	1,405.80	106.24	98.3	9240	3.39	16.3	18,618,000.00	820.901
11/19/2014 17:00	1,412.10	109.88	100.8	9240	3.4	16.3	18,384,000.00	853.191
11/19/2014 18:00	1,394.40	112.47	100.8	9240	3.37	16.3	18,396,000.00	872.394
11/19/2014 19:00	1,395.30	112.22	100.8	9240	3.37	16.3	18,462,000.00	869.636
11/19/2014 20:00	1,400.30	112.12	100.8	9240	3.43	16.3	18,402,000.00	868.678
11/19/2014 21:00	1,395.80	112.20	100.8	9240	3.38	16.3	18,546,000.00	868.888
11/19/2014 22:00	1,406.70	112.23	100.8	9240	3.39	16.3	18,438,000.00	868.910
11/19/2014 23:00	1,398.50	112.11	100.8	9240	3.39	16.3	18,468,000.00	870.311
11/20/2014 0:00	1,400.80	112.12	100.8	9240	3.39	16.3	18,432,000.00	871.043
11/20/2014 1:00	1,398.00	112.18	100.8	9240	3.42	16.3	18,528,000.00	868.612
11/20/2014 2:00	1,405.30	112.26	100.8	9240	3.41	16.3	18,552,000.00	869.769
11/20/2014 3:00	1,407.10	112.34	100.8	9240	3.35	16.3	18,432,000.00	869.770
11/20/2014 4:00	1,406.00	112.54	100.8	9240	3.43	16.3	18,450,000.00	870.760
11/20/2014 5:00	1,399.40	112.58	100.8	9240	3.48	16.3	18,534,000.00	870.939
11/20/2014 6:00	1,397.70	112.63	100.8	9240	3.34	16.3	18,522,000.00	871.474
11/20/2014 7:00	1,412.90	112.54	100.8	9240	3.54	16.3	18,792,000.00	870.830
11/20/2014 8:00	1,417.20	112.38	100.8	9240	3.46	16.3	16,134,000.00	869.949
11/20/2014 9:00	1,216.70	112.45	83.8	9240	3.39	16.3	14,634,000.00	870.715
11/20/2014 10:00	1,110.00	95.04	72.5	9240	3.41	16.3	14,586,000.00	726.957
11/20/2014 11:00	1,106.30	83.43	71.8	9240	3.44	16.3	15,198,000.00	630.667
11/20/2014 12:00	1,152.70	82.84	75.8	9240	3.44	16.3	14,478,000.00	627.087
11/20/2014 13:00	1,098.10	86.81	71.8	9240	3.39	16.3	15,906,000.00	659.072
11/20/2014 14:00	1,206.40	82.68	78.5	9240	3.42	16.3	15,600,000.00	626.438
11/20/2014 15:00	1,183.20	89.58	76.8	9240	3.42	16.3	14,706,000.00	680.405
11/20/2014 16:00	1,115.40	87.87	71.9	9240	3.4	16.3	14,982,000.00	666.700
11/20/2014 17:00	1,136.40	82.96	72.9	9240	3.44	16.3	16,164,000.00	630.163
11/20/2014 18:00	1,226.00	84.02	78.0	9240	3.47	16.3	17,382,000.00	636.810
11/20/2014 19:00	1,310.90	88.98	84.1	9240	3.46	16.3	16,374,000.00	675.682
11/20/2014 20:00	1,234.80	95.17	78.4	9240	3.44	16.3	15,534,000.00	724.080
11/20/2014 21:00	1,178.20	89.39	74.3	9240	3.41	16.3	16,476,000.00	677.657
11/20/2014 22:00	1,249.70	85.15	80.9	9240	3.43	16.3	14,934,000.00	644.950
11/20/2014 23:00	1,132.70	91.87	73.2	9240	3.44	16.3	14,814,000.00	696.378
11/21/2014 0:00	1,123.60	83.98	71.8	9240	3.42	16.3	14,814,000.00	633.935
11/21/2014 1:00	1,123.60	82.59	71.8	9240	3.46	16.3	14,790,000.00	623.297
11/21/2014 2:00	1,115.40	82.60	71.8	9240	3.45	16.3	14,790,000.00	623.268
11/21/2014 3:00	1,121.80	82.59	71.8	9240	3.39	16.3	16,134,000.00	623.093
11/21/2014 4:00	1,223.70	82.62	79.4	9240	3.39	16.3	18,726,000.00	623.116
11/21/2014 5:00	1,420.30	90.46	99.5	9240	3.45	16.3	16,212,000.00	684.395

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/21/2014 6:00	1,222.60	111.05	82.1	9240	3.43	16.3	14,898,000.00	861.544
11/21/2014 7:00	1,130.00	93.43	72.1	9240	3.54	16.3	16,728,000.00	711.785
11/21/2014 8:00	1,261.50	83.17	71.8	9240	3.6	16.3	16,482,000.00	627.960
11/21/2014 9:00	1,235.80	82.72	71.8	9240	3.48	16.3	15,678,000.00	626.367
11/21/2014 10:00	1,182.40	82.64	71.8	9240	3.52	16.3	15,858,000.00	628.943
11/21/2014 11:00	1,195.90	82.67	71.4	9240	3.55	16.3	14,682,000.00	629.824
11/21/2014 12:00	1,107.20	82.27	70.8	9240	3.42	16.3	14,436,000.00	627.236
11/21/2014 13:00	1,094.90	81.70	70.8	9240	3.41	16.3	14,376,000.00	623.479
11/21/2014 14:00	1,090.40	81.62	70.8	9240	3.45	16.3	14,502,000.00	622.874
11/21/2014 15:00	1,100.00	81.66	70.8	9240	3.46	16.3	14,598,000.00	623.188
11/21/2014 16:00	1,100.90	81.77	70.8	9240	3.43	16.3	14,688,000.00	623.945
11/21/2014 17:00	1,114.10	81.76	70.9	9240	3.46	16.3	15,696,000.00	623.427
11/21/2014 18:00	1,183.70	81.86	74.8	9240	3.53	16.3	15,258,000.00	623.061
11/21/2014 19:00	1,150.70	85.67	71.9	9240	3.42	16.3	15,138,000.00	653.969
11/21/2014 20:00	1,148.20	82.69	71.8	9240	3.47	16.3	15,054,000.00	629.284
11/21/2014 21:00	1,135.30	82.60	71.8	9240	3.36	16.3	16,260,000.00	629.112
11/21/2014 22:00	1,233.30	82.57	80.2	9240	3.36	16.3	17,100,000.00	628.942
11/21/2014 23:00	1,297.00	91.11	85.2	9240	3.42	16.3	16,494,000.00	700.745
11/22/2014 0:00	1,251.00	96.19	81.2	9240	3.43	16.3	15,000,000.00	736.459
11/22/2014 1:00	1,137.70	92.19	73.1	9240	3.43	16.3	15,480,000.00	702.382
11/22/2014 2:00	1,174.10	83.87	75.0	9240	3.41	16.3	15,924,000.00	637.633
11/22/2014 3:00	1,207.80	85.79	77.1	9240	3.37	16.3	18,510,000.00	652.353
11/22/2014 4:00	1,404.00	88.03	95.3	9240	3.41	16.3	18,510,000.00	670.536
11/22/2014 5:00	1,404.00	106.58	95.8	9240	3.42	16.3	17,592,000.00	829.943
11/22/2014 6:00	1,334.30	107.17	88.6	9240	3.4	16.3	15,690,000.00	835.117
11/22/2014 7:00	1,190.10	99.94	75.5	9240	3.46	16.3	15,540,000.00	775.663
11/22/2014 8:00	1,171.90	86.53	73.8	9240	3.45	16.3	15,558,000.00	664.059
11/22/2014 9:00	1,180.00	84.79	73.8	9240	3.41	16.3	15,918,000.00	649.713
11/22/2014 10:00	1,207.40	84.82	76.7	9240	3.5	16.3	15,372,000.00	651.878
11/22/2014 11:00	1,159.30	87.79	72.9	9240	3.49	16.3	14,778,000.00	679.840
11/22/2014 12:00	1,114.50	83.96	70.8	9240	3.46	16.3	14,922,000.00	648.553
11/22/2014 13:00	1,125.30	81.89	70.8	9240	3.47	16.3	14,790,000.00	626.859
11/22/2014 14:00	1,115.40	81.85	70.8	9240	3.47	16.3	14,928,000.00	626.141
11/22/2014 15:00	1,125.80	81.63	71.6	9240	3.43	16.3	15,720,000.00	623.759
11/22/2014 16:00	1,192.30	82.25	75.1	9240	3.48	16.3	15,162,000.00	628.812
11/22/2014 17:00	1,143.40	86.01	72.4	9240	3.44	16.3	15,702,000.00	658.306
11/22/2014 18:00	1,191.00	83.20	75.0	9240	3.39	16.3	16,950,000.00	636.589
11/22/2014 19:00	1,285.60	85.98	82.2	9240	3.42	16.3	17,244,000.00	657.717
11/22/2014 20:00	1,307.90	93.36	84.5	9240	3.47	16.3	16,644,000.00	716.158
11/22/2014 21:00	1,255.20	95.65	80.8	9240	3.48	16.3	17,988,000.00	735.447
11/22/2014 22:00	1,356.60	91.89	89.1	9240	3.48	16.3	16,932,000.00	705.719
11/22/2014 23:00	1,276.90	100.53	80.9	9240	3.49	16.3	15,474,000.00	778.689
11/23/2014 0:00	1,167.00	92.21	72.7	9240	3.52	16.3	15,126,000.00	704.364
11/23/2014 1:00	1,140.70	83.80	70.8	9240	3.49	16.3	14,856,000.00	639.930
11/23/2014 2:00	1,120.40	81.84	70.8	9240	3.49	16.3	15,162,000.00	623.966
11/23/2014 3:00	1,143.40	81.63	70.8	9240	3.51	16.3	15,480,000.00	624.663
11/23/2014 4:00	1,167.40	81.67	70.8	9240	3.5	16.3	15,276,000.00	625.918
11/23/2014 5:00	1,152.00	81.60	70.8	9240	3.48	16.3	14,964,000.00	625.905
11/23/2014 6:00	1,128.50	81.62	70.8	9240	3.45	16.3	14,898,000.00	626.937
11/23/2014 7:00	1,123.50	81.54	70.8	9240	3.45	16.3	15,366,000.00	626.601
11/23/2014 8:00	1,158.80	81.51	70.8	9240	3.53	16.3	15,414,000.00	626.950
11/23/2014 9:00	1,162.40	81.49	70.8	9240	3.47	16.3	15,204,000.00	627.775
11/23/2014 10:00	1,146.60	81.43	71.8	9240	3.48	16.3	18,384,000.00	627.186
11/23/2014 11:00	1,386.40	82.55	93.4	9240	3.51	16.3	18,468,000.00	634.690
11/23/2014 12:00	1,392.80	104.80	95.5	9240	3.47	16.3	18,696,000.00	820.336
11/23/2014 13:00	1,410.00	106.84	98.7	9240	3.5	16.3	18,768,000.00	836.645
11/23/2014 14:00	1,415.40	110.16	100.6	9240	3.49	16.3	18,936,000.00	865.409
11/23/2014 15:00	1,428.10	112.05	100.8	9240	3.48	16.3	19,104,000.00	882.077
11/23/2014 16:00	1,440.70	112.28	100.7	9240	3.57	16.3	19,092,000.00	884.657
11/23/2014 17:00	1,431.50	112.32	100.8	9240	3.44	16.3	18,858,000.00	884.219
11/23/2014 18:00	1,430.30	112.47	100.8	9240	3.49	16.3	18,960,000.00	885.499
11/23/2014 19:00	1,429.90	112.46	100.8	9240	3.49	16.3	19,062,000.00	885.331
11/23/2014 20:00	1,437.60	112.51	100.8	9240	3.47	16.3	18,306,000.00	885.440
11/23/2014 21:00	1,380.50	112.44	96.3	9240	3.53	16.3	17,208,000.00	884.114
11/23/2014 22:00	1,297.70	107.77	85.7	9240	3.53	16.3	16,242,000.00	843.858
11/23/2014 23:00	1,224.90	96.98	76.9	9240	3.56	16.3	15,864,000.00	749.332
11/24/2014 0:00	1,189.50	88.01	74.3	9240	3.49	16.3	15,396,000.00	675.756
11/24/2014 1:00	1,161.10	85.34	71.8	9240	3.47	16.3	17,688,000.00	654.650
11/24/2014 2:00	1,333.90	82.75	86.4	9240	3.54	16.3	17,742,000.00	634.714
11/24/2014 3:00	1,338.00	97.75	88.9	9240	3.46	16.3	18,624,000.00	754.313
11/24/2014 4:00	1,404.50	100.30	97.2	9240	3.47	16.3	18,954,000.00	777.239
11/24/2014 5:00	1,429.40	108.72	100.8	9240	3.47	16.3	18,870,000.00	850.861
11/24/2014 6:00	1,423.10	112.50	100.6	9240	3.42	16.3	18,216,000.00	883.779
11/24/2014 7:00	1,381.70	112.41	95.2	9240	3.52	16.3	18,972,000.00	883.104
11/24/2014 8:00	1,430.80	106.79	100.3	9240	3.52	16.3	18,816,000.00	834.475

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/24/2014 9:00	1,419.00	112.14	99.8	9240	3.46	16.3	18,864,000.00	881.679
11/24/2014 10:00	1,422.60	111.65	99.8	9240	3.15	16.3	18,552,000.00	878.656
11/24/2014 11:00	1,431.30	111.52	99.8	9240	3.04	16.3	18,468,000.00	878.815
11/24/2014 12:00	1,432.80	111.56	99.8	9240	3.04	16.3	18,336,000.00	878.122
11/24/2014 13:00	1,422.50	111.60	99.8	9240	3.04	16.3	18,576,000.00	878.655
11/24/2014 14:00	1,441.20	111.44	99.8	9240	3.05	16.3	18,588,000.00	877.883
11/24/2014 15:00	1,442.10	111.47	99.8	9240	3.05	16.3	18,420,000.00	877.374
11/24/2014 16:00	1,421.10	111.61	99.8	9240	3.06	16.3	18,402,000.00	878.444
11/24/2014 17:00	1,419.70	111.62	99.8	9240	3.04	16.3	18,318,000.00	878.657
11/24/2014 18:00	1,421.10	111.63	99.8	9240	3.03	16.3	18,342,000.00	877.703
11/24/2014 19:00	1,423.00	111.28	99.8	9240	3.05	16.3	17,976,000.00	874.572
11/24/2014 20:00	1,386.80	111.29	95.6	9240	3.07	16.3	16,716,000.00	873.587
11/24/2014 21:00	1,289.60	107.03	84.1	9240	3.09	16.3	17,082,000.00	836.444
11/24/2014 22:00	1,317.80	95.20	86.8	9240	3.07	16.3	16,764,000.00	732.286
11/24/2014 23:00	1,293.30	98.02	83.0	9240	3.15	16.3	18,366,000.00	757.379
11/25/2014 0:00	1,416.90	94.15	94.9	9240	3.12	16.3	18,384,000.00	723.471
11/25/2014 1:00	1,418.30	106.34	94.8	9240	3.08	16.3	17,364,000.00	831.875
11/25/2014 2:00	1,339.60	106.13	85.6	9240	3.13	16.3	17,100,000.00	828.500
11/25/2014 3:00	1,319.20	96.80	84.4	9240	3.07	16.3	16,278,000.00	747.273
11/25/2014 4:00	1,255.80	95.63	80.6	9240	3.07	16.3	16,980,000.00	736.460
11/25/2014 5:00	1,310.00	91.65	84.1	9240	3.02	16.3	17,874,000.00	702.925
11/25/2014 6:00	1,386.70	95.36	93.3	9240	2.95	16.3	17,814,000.00	734.896
11/25/2014 7:00	1,389.80	104.88	93.9	9240	2.97	16.3	18,504,000.00	813.155
11/25/2014 8:00	1,435.60	105.45	98.7	9240	3.05	16.3	18,660,000.00	815.885
11/25/2014 9:00	1,439.60	110.51	100.8	9240	3.01	16.3	18,348,000.00	859.363
11/25/2014 10:00	1,423.50	112.67	100.8	9240	3.07	16.3	17,982,000.00	878.130
11/25/2014 11:00	1,387.30	112.74	96.1	9240	3.43	16.3	18,294,000.00	878.387
11/25/2014 12:00	1,387.60	107.85	95.0	9240	3.22	16.3	18,726,000.00	836.380
11/25/2014 13:00	1,436.60	106.79	100.8	9240	3.02	16.3	18,786,000.00	826.460
11/25/2014 14:00	1,457.50	112.66	100.8	9240	3.07	16.3	18,996,000.00	877.770
11/25/2014 15:00	1,465.50	112.66	100.8	9240	3.07	16.3	19,152,000.00	877.738
11/25/2014 16:00	1,477.50	112.66	100.8	9240	3.24	16.3	20,292,000.00	877.892
11/25/2014 17:00	1,556.70	112.67	100.8	9240	3.34	16.3	19,158,000.00	885.018
11/25/2014 18:00	1,461.40	112.66	89.0	9240	3.24	16.3	18,312,000.00	885.476
11/25/2014 19:00	1,404.80	100.17	87.8	9240	3.59	16.3	17,778,000.00	780.566
11/25/2014 20:00	1,333.00	98.97	87.6	9240	3.51	16.3	15,438,000.00	770.732
11/25/2014 21:00	1,164.30	98.83	75.9	9240	3.52	16.3	15,744,000.00	769.569
11/25/2014 22:00	1,187.30	86.78	75.8	9240	3.54	16.3	15,348,000.00	667.554
11/25/2014 23:00	1,157.50	86.75	73.3	9240	3.46	16.3	15,030,000.00	667.333
11/26/2014 0:00	1,133.50	84.19	71.8	9240	3.51	16.3	14,688,000.00	643.536
11/26/2014 1:00	1,107.70	82.70	71.8	9240	3.47	16.3	14,670,000.00	630.604
11/26/2014 2:00	1,106.30	82.66	71.8	9240	3.47	16.3	14,670,000.00	628.383
11/26/2014 3:00	1,106.30	82.76	71.8	9240	3.41	16.3	15,444,000.00	628.009
11/26/2014 4:00	1,171.40	82.81	77.1	9240	3.49	16.3	17,052,000.00	627.776
11/26/2014 5:00	1,286.00	88.11	87.0	9240	3.49	16.3	15,042,000.00	673.255
11/26/2014 6:00	1,134.40	98.14	74.5	9240	3.39	16.3	17,730,000.00	758.942
11/26/2014 7:00	1,344.80	85.60	92.5	9240	3.4	16.3	19,170,000.00	653.416
11/26/2014 8:00	1,454.00	103.91	95.4	9240	3.21	16.3	19,512,000.00	810.187
11/26/2014 9:00	1,496.90	106.83	95.8	9240	3.2	16.3	17,298,000.00	833.776
11/26/2014 10:00	1,327.00	107.25	82.4	9240	3.42	16.3	16,110,000.00	837.958
11/26/2014 11:00	1,221.90	93.54	74.6	9240	3.56	16.3	17,244,000.00	722.356
11/26/2014 12:00	1,293.00	85.55	80.1	9240	3.5	16.3	17,838,000.00	655.829
11/26/2014 13:00	1,345.20	91.03	87.7	9240	3.47	16.3	16,506,000.00	706.127
11/26/2014 14:00	1,244.80	98.83	84.8	9240	3.44	16.3	17,760,000.00	774.477
11/26/2014 15:00	1,347.10	95.87	93.7	9240	3.4	16.3	18,054,000.00	747.862
11/26/2014 16:00	1,369.40	105.04	96.4	9240	3.43	16.3	18,000,000.00	825.531
11/26/2014 17:00	1,365.30	107.72	97.3	9240	3.49	16.3	14,898,000.00	847.888
11/26/2014 18:00	1,123.50	108.84	77.5	9240	3.48	16.3	15,366,000.00	856.653
11/26/2014 19:00	1,158.80	88.49	76.4	9240	3.51	16.3	15,804,000.00	681.718
11/26/2014 20:00	1,191.90	87.44	79.3	9240	3.46	16.3	15,036,000.00	672.969
11/26/2014 21:00	1,133.90	90.35	74.5	9240	3.48	16.3	14,886,000.00	697.504
11/26/2014 22:00	1,122.60	85.46	73.8	9240	3.47	16.3	14,550,000.00	656.003
11/26/2014 23:00	1,097.30	84.77	73.8	9240	3.42	16.3	14,892,000.00	650.174
11/27/2014 0:00	1,129.50	84.68	76.3	9240	3.47	16.3	15,024,000.00	648.237
11/27/2014 1:00	1,133.00	87.17	76.1	9240	3.49	16.3	14,352,000.00	669.620
11/27/2014 2:00	1,082.40	86.83	72.2	9240	3.46	16.3	14,238,000.00	668.587
11/27/2014 3:00	1,073.80	82.84	70.8	9240	3.45	16.3	14,310,000.00	635.430
11/27/2014 4:00	1,085.40	81.32	70.8	9240	3.52	16.3	14,736,000.00	625.891
11/27/2014 5:00	1,111.30	81.24	73.3	9240	3.41	16.3	15,018,000.00	629.335
11/27/2014 6:00	1,139.10	83.66	75.7	9240	3.42	16.3	16,332,000.00	650.755
11/27/2014 7:00	1,238.80	86.11	84.2	9240	3.5	16.3	15,588,000.00	672.725
11/27/2014 8:00	1,175.60	94.87	78.9	9240	3.51	16.3	16,002,000.00	747.101
11/27/2014 9:00	1,206.80	89.54	71.9	9240	3.54	16.3	15,528,000.00	695.719
11/27/2014 10:00	1,171.00	82.26	71.1	9240	3.55	16.3	14,874,000.00	633.896
11/27/2014 11:00	1,115.30	81.41	71.1	9240	3.52	16.3	14,502,000.00	626.535

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/27/2014 12:00	1,093.70	81.44	70.8	9240	3.5	16.3	14,454,000.00	627.740
11/27/2014 13:00	1,090.00	81.25	70.8	9240	3.48	16.3	14,358,000.00	625.817
11/27/2014 14:00	1,082.80	81.20	70.8	9240	3.48	16.3	14,688,000.00	626.010
11/27/2014 15:00	1,107.70	81.22	73.7	9240	3.37	16.3	16,338,000.00	625.833
11/27/2014 16:00	1,239.20	84.21	84.1	9240	3.35	16.3	16,578,000.00	649.933
11/27/2014 17:00	1,264.60	94.77	88.0	9240	3.51	16.3	14,202,000.00	736.461
11/27/2014 18:00	1,071.00	98.85	72.2	9240	3.43	16.3	14,784,000.00	772.320
11/27/2014 19:00	1,121.30	82.72	75.1	9240	3.36	16.3	17,850,000.00	634.219
11/27/2014 20:00	1,353.90	85.77	95.9	9240	3.34	16.3	17,604,000.00	659.250
11/27/2014 21:00	1,342.90	107.09	94.6	9240	3.34	16.3	17,880,000.00	840.105
11/27/2014 22:00	1,363.90	105.67	96.5	9240	3.38	16.3	17,838,000.00	826.355
11/27/2014 23:00	1,353.00	107.69	95.4	9240	3.42	16.3	17,070,000.00	843.789
11/28/2014 0:00	1,294.70	106.52	88.5	9240	3.45	16.3	17,160,000.00	834.203
11/28/2014 1:00	1,301.60	99.58	88.0	9240	3.4	16.3	17,616,000.00	776.529
11/28/2014 2:00	1,336.10	98.97	91.3	9240	3.4	16.3	17,412,000.00	769.738
11/28/2014 3:00	1,320.70	102.47	91.1	9240	3.39	16.3	18,162,000.00	800.113
11/28/2014 4:00	1,377.60	102.15	98.5	9240	3.39	16.3	17,808,000.00	796.532
11/28/2014 5:00	1,350.70	109.77	95.8	9240	3.43	16.3	18,204,000.00	860.963
11/28/2014 6:00	1,380.70	106.96	98.4	9240	3.43	16.3	18,342,000.00	836.284
11/28/2014 7:00	1,391.20	109.52	98.8	9240	3.37	16.3	17,946,000.00	857.642
11/28/2014 8:00	1,361.20	109.92	97.4	9240	3.4	16.3	17,454,000.00	860.197
11/28/2014 9:00	1,323.90	108.45	92.9	9240	3.4	16.3	17,208,000.00	847.770
11/28/2014 10:00	1,305.20	103.89	90.6	9240	3.45	16.3	16,278,000.00	810.505
11/28/2014 11:00	1,227.60	101.48	84.4	9240	3.41	16.3	16,272,000.00	791.340
11/28/2014 12:00	1,234.20	95.11	83.4	9240	3.34	16.3	17,184,000.00	738.134
11/28/2014 13:00	1,310.80	93.97	91.5	9240	3.43	16.3	17,646,000.00	728.435
11/28/2014 14:00	1,338.40	102.32	93.9	9240	3.34	16.3	18,312,000.00	800.375
11/28/2014 15:00	1,396.90	104.80	98.4	9240	3.4	16.3	18,270,000.00	821.541
11/28/2014 16:00	1,385.70	109.32	98.8	9240	3.41	16.3	18,174,000.00	859.991
11/28/2014 17:00	1,378.50	109.80	98.8	9240	3.29	16.3	18,006,000.00	863.136
11/28/2014 18:00	1,373.50	109.81	98.8	9240	3.38	16.3	18,264,000.00	862.260
11/28/2014 19:00	1,385.30	109.98	98.8	9240	3.36	16.3	18,180,000.00	861.837
11/28/2014 20:00	1,378.90	110.00	98.8	9240	3.37	16.3	18,126,000.00	860.235
11/28/2014 21:00	1,374.80	110.00	96.5	9240	3.4	16.3	17,580,000.00	860.783
11/28/2014 22:00	1,333.40	107.68	91.0	9240	3.34	16.3	18,288,000.00	841.127
11/28/2014 23:00	1,395.00	102.18	95.9	9240	3.41	16.3	18,438,000.00	793.860
11/29/2014 0:00	1,398.50	107.07	95.3	9240	3.46	16.3	18,336,000.00	836.274
11/29/2014 1:00	1,382.80	106.45	93.9	9240	3.47	16.3	18,360,000.00	831.059
11/29/2014 2:00	1,384.60	105.02	94.0	9240	3.44	16.3	18,396,000.00	818.602
11/29/2014 3:00	1,395.30	105.20	94.8	9240	3.48	16.3	16,146,000.00	820.380
11/29/2014 4:00	1,217.60	106.06	81.6	9240	3.49	16.3	16,890,000.00	828.094
11/29/2014 5:00	1,273.80	92.53	84.8	9240	3.44	16.3	16,734,000.00	712.960
11/29/2014 6:00	1,269.20	95.76	85.5	9240	3.41	16.3	18,666,000.00	741.062
11/29/2014 7:00	1,415.80	96.23	98.8	9240	3.47	16.3	15,012,000.00	746.307
11/29/2014 8:00	1,132.10	109.82	75.8	9240	3.48	16.3	14,532,000.00	863.501
11/29/2014 9:00	1,095.90	86.21	70.8	9240	3.49	16.3	14,700,000.00	666.629
11/29/2014 10:00	1,108.60	81.12	70.8	9240	3.52	16.3	14,904,000.00	623.673
11/29/2014 11:00	1,124.00	81.10	71.0	9240	3.49	16.3	14,808,000.00	626.660
11/29/2014 12:00	1,116.70	81.32	71.6	9240	3.4	16.3	16,806,000.00	629.364
11/29/2014 13:00	1,274.70	81.93	85.1	9240	3.44	16.3	16,758,000.00	634.716
11/29/2014 14:00	1,271.10	95.74	85.8	9240	3.4	16.3	17,166,000.00	752.599
11/29/2014 15:00	1,302.00	96.55	87.7	9240	3.42	16.3	16,422,000.00	759.684
11/29/2014 16:00	1,245.60	98.52	82.1	9240	3.48	16.3	17,190,000.00	775.103
11/29/2014 17:00	1,296.40	92.77	87.5	9240	3.46	16.3	16,896,000.00	726.859
11/29/2014 18:00	1,274.20	98.51	85.8	9240	3.39	16.3	16,776,000.00	775.791
11/29/2014 19:00	1,272.40	96.70	84.7	9240	3.43	16.3	16,248,000.00	757.839
11/29/2014 20:00	1,232.40	95.58	81.1	9240	3.4	16.3	16,296,000.00	749.470
11/29/2014 21:00	1,236.00	91.86	81.1	9240	3.38	16.3	17,838,000.00	718.006
11/29/2014 22:00	1,353.00	91.98	90.9	9240	3.43	16.3	17,268,000.00	717.969
11/29/2014 23:00	1,309.70	102.01	88.5	9240	3.38	16.3	17,748,000.00	803.243
11/30/2014 0:00	1,346.20	99.55	90.4	9240	3.44	16.3	17,232,000.00	782.390
11/30/2014 1:00	1,307.00	101.43	87.1	9240	3.51	16.3	17,256,000.00	798.313
11/30/2014 2:00	1,301.40	98.11	87.3	9240	3.42	16.3	17,652,000.00	769.550
11/30/2014 3:00	1,338.90	98.39	90.4	9240	3.42	16.3	17,184,000.00	770.644
11/30/2014 4:00	1,303.40	101.45	87.2	9240	3.43	16.3	17,070,000.00	796.181
11/30/2014 5:00	1,294.70	98.12	85.8	9240	3.43	16.3	16,242,000.00	768.363
11/30/2014 6:00	1,231.90	96.81	81.1	9240	3.42	16.3	16,146,000.00	756.453
11/30/2014 7:00	1,224.60	91.90	80.2	9240	3.42	16.3	16,428,000.00	715.702
11/30/2014 8:00	1,246.00	90.85	82.1	9240	3.51	16.3	15,540,000.00	709.403
11/30/2014 9:00	1,171.90	92.76	75.5	9240	3.52	16.3	15,054,000.00	728.316
11/30/2014 10:00	1,135.30	86.04	71.7	9240	3.47	16.3	17,064,000.00	673.357
11/30/2014 11:00	1,286.90	82.16	84.5	9240	3.36	16.3	17,358,000.00	640.261
11/30/2014 12:00	1,316.60	95.16	87.7	9240	3.4	16.3	17,232,000.00	751.209
11/30/2014 13:00	1,307.00	98.43	87.0	9240	3.42	16.3	17,766,000.00	779.313
11/30/2014 14:00	1,347.50	97.72	90.7	9240	3.34	16.3	18,354,000.00	773.606

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
11/30/2014 15:00	1,400.10	101.43	96.8	9240	3.41	16.3	17,724,000.00	803.480
11/30/2014 16:00	1,344.30	107.61	91.7	9240	3.34	16.3	18,744,000.00	846.675
11/30/2014 17:00	1,429.80	102.45	98.8	9240	3.38	16.3	17,772,000.00	803.383
11/30/2014 18:00	1,348.00	109.84	93.0	9240	3.37	16.3	16,704,000.00	867.454
11/30/2014 19:00	1,267.00	103.97	85.6	9240	3.44	16.3	15,894,000.00	820.700
11/30/2014 20:00	1,205.50	96.37	79.9	9240	3.45	16.3	16,044,000.00	756.066
11/30/2014 21:00	1,210.00	90.50	79.7	9240	3.36	16.3	17,706,000.00	703.906
11/30/2014 22:00	1,343.00	90.27	91.1	9240	3.45	16.3	17,976,000.00	708.279
11/30/2014 23:00	1,355.70	101.93	90.8	9240	3.42	16.3	18,222,000.00	799.209
12/1/2014 0:00	1,382.10	101.71	93.5	9240	3.41	16.3	17,490,000.00	798.412
12/1/2014 1:00	1,326.60	104.39	87.9	9240	3.44	16.3	17,358,000.00	819.377
12/1/2014 2:00	1,316.60	98.72	87.8	9240	3.47	16.3	16,086,000.00	772.581
12/1/2014 3:00	1,213.10	98.66	81.5	9240	3.43	16.3	16,344,000.00	771.519
12/1/2014 4:00	1,239.70	92.21	82.5	9240	3.42	16.3	18,870,000.00	716.936
12/1/2014 5:00	1,431.30	93.23	98.8	9240	3.44	16.3	16,842,000.00	724.421
12/1/2014 6:00	1,277.40	110.08	87.8	9240	3.46	16.3	16,074,000.00	865.757
12/1/2014 7:00	1,212.20	98.90	79.6	9240	3.37	16.3	18,072,000.00	772.119
12/1/2014 8:00	1,370.70	90.56	92.2	9240	3.37	16.3	18,672,000.00	702.236
12/1/2014 9:00	1,416.20	103.32	97.3	9240	3.47	16.3	17,910,000.00	811.081
12/1/2014 10:00	1,350.70	108.62	90.8	9240	3.42	16.3	17,976,000.00	856.321
12/1/2014 11:00	1,363.40	102.04	92.3	9240	3.39	16.3	18,816,000.00	802.905
12/1/2014 12:00	1,427.20	103.48	98.3	9240	3.4	16.3	18,660,000.00	815.027
12/1/2014 13:00	1,415.30	109.67	99.6	9240	3.38	16.3	18,744,000.00	866.047
12/1/2014 14:00	1,421.70	110.92	99.8	9240	3.42	16.3	18,132,000.00	875.687
12/1/2014 15:00	1,375.30	111.49	94.8	9240	3.43	16.3	18,102,000.00	879.799
12/1/2014 16:00	1,373.00	106.02	93.2	9240	3.37	16.3	18,828,000.00	834.508
12/1/2014 17:00	1,428.10	104.46	99.8	9240	3.41	16.3	18,486,000.00	821.992
12/1/2014 18:00	1,402.10	111.36	99.8	9240	3.31	16.3	18,336,000.00	879.041
12/1/2014 19:00	1,398.70	111.21	99.8	9240	3.39	16.3	18,474,000.00	876.525
12/1/2014 20:00	1,401.20	110.90	98.6	9240	3.47	16.3	16,866,000.00	873.491
12/1/2014 21:00	1,271.90	109.66	86.4	9240	3.5	16.3	15,978,000.00	863.083
12/1/2014 22:00	1,205.00	97.25	80.3	9240	3.44	16.3	16,122,000.00	760.239
12/1/2014 23:00	1,222.80	91.04	80.8	9240	3.48	16.3	16,740,000.00	707.942
12/2/2014 0:00	1,262.40	91.52	83.0	9240	3.52	16.3	16,146,000.00	713.194
12/2/2014 1:00	1,217.60	93.82	79.0	9240	3.5	16.3	15,510,000.00	733.332
12/2/2014 2:00	1,169.70	89.66	74.4	9240	3.51	16.3	15,678,000.00	698.361
12/2/2014 3:00	1,182.40	85.01	75.9	9240	3.48	16.3	15,564,000.00	658.391
12/2/2014 4:00	1,173.80	86.60	78.1	9240	3.46	16.3	18,300,000.00	671.477
12/2/2014 5:00	1,380.10	88.67	94.1	9240	3.5	16.3	15,480,000.00	687.004
12/2/2014 6:00	1,167.40	105.43	78.5	9240	3.36	16.3	18,894,000.00	828.452
12/2/2014 7:00	1,433.10	89.56	102.1	9240	3.39	16.3	18,936,000.00	690.953
12/2/2014 8:00	1,436.30	113.67	103.0	9240	3.35	16.3	18,738,000.00	891.615
12/2/2014 9:00	1,429.40	114.61	103.1	9240	3.41	16.3	18,918,000.00	900.187
12/2/2014 10:00	1,434.90	114.76	103.1	9240	3.5	16.3	18,600,000.00	901.819
12/2/2014 11:00	1,402.70	114.69	98.5	9240	3.45	16.3	17,484,000.00	902.643
12/2/2014 12:00	1,326.10	110.00	90.8	9240	3.41	16.3	17,670,000.00	862.454
12/2/2014 13:00	1,340.20	102.21	89.5	9240	3.48	16.3	17,952,000.00	799.488
12/2/2014 14:00	1,353.80	101.01	91.0	9240	3.42	16.3	18,108,000.00	788.056
12/2/2014 15:00	1,373.50	102.60	95.3	9240	3.44	16.3	17,424,000.00	801.288
12/2/2014 16:00	1,321.60	107.00	91.0	9240	3.43	16.3	18,180,000.00	839.196
12/2/2014 17:00	1,378.90	102.66	99.2	9240	3.41	16.3	18,372,000.00	800.481
12/2/2014 18:00	1,393.50	111.16	98.8	9240	3.36	16.3	18,834,000.00	873.593
12/2/2014 19:00	1,428.50	110.39	101.7	9240	3.42	16.3	18,420,000.00	866.422
12/2/2014 20:00	1,397.10	113.36	98.8	9240	3.48	16.3	17,232,000.00	891.012
12/2/2014 21:00	1,299.50	110.37	88.3	9240	3.53	16.3	15,588,000.00	864.798
12/2/2014 22:00	1,175.60	99.65	76.5	9240	3.53	16.3	14,934,000.00	774.447
12/2/2014 23:00	1,126.20	87.57	71.4	9240	3.53	16.3	14,964,000.00	671.405
12/3/2014 0:00	1,128.50	82.34	71.4	9240	3.57	16.3	15,258,000.00	625.607
12/3/2014 1:00	1,144.10	82.38	70.8	9240	3.61	16.3	15,462,000.00	626.646
12/3/2014 2:00	1,159.40	81.87	70.8	9240	3.54	16.3	15,318,000.00	623.287
12/3/2014 3:00	1,155.20	81.89	70.8	9240	3.54	16.3	15,234,000.00	623.549
12/3/2014 4:00	1,148.90	81.89	70.8	9240	3.5	16.3	18,252,000.00	623.215
12/3/2014 5:00	1,376.50	81.85	92.2	9240	3.54	16.3	14,826,000.00	622.206
12/3/2014 6:00	1,118.10	103.83	72.2	9240	3.48	16.3	14,832,000.00	812.335
12/3/2014 7:00	1,118.60	83.58	71.0	9240	3.5	16.3	14,826,000.00	634.652
12/3/2014 8:00	1,118.10	82.34	72.6	9240	3.48	16.3	15,300,000.00	623.713
12/3/2014 9:00	1,153.80	83.88	76.3	9240	3.45	16.3	15,984,000.00	635.427
12/3/2014 10:00	1,205.40	87.66	81.6	9240	3.51	16.3	15,024,000.00	669.823
12/3/2014 11:00	1,133.00	92.90	76.3	9240	3.44	16.3	16,050,000.00	716.650
12/3/2014 12:00	1,217.40	87.61	81.9	9240	3.41	16.3	17,418,000.00	672.207
12/3/2014 13:00	1,321.10	93.25	91.6	9240	3.46	16.3	17,730,000.00	719.939
12/3/2014 14:00	1,337.10	103.16	94.8	9240	3.42	16.3	15,534,000.00	804.753
12/3/2014 15:00	1,178.20	106.47	79.9	9240	3.45	16.3	15,552,000.00	833.612
12/3/2014 16:00	1,179.60	91.23	78.6	9240	3.41	16.3	17,490,000.00	702.882
12/3/2014 17:00	1,326.60	89.84	91.5	9240	3.43	16.3	17,478,000.00	689.744

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/3/2014 18:00	1,325.70	103.02	90.8	9240	3.32	16.3	17,292,000.00	807.351
12/3/2014 19:00	1,319.10	102.06	90.2	9240	3.41	16.3	17,448,000.00	798.593
12/3/2014 20:00	1,323.40	101.39	90.1	9240	3.44	16.3	16,614,000.00	792.856
12/3/2014 21:00	1,260.10	101.25	83.7	9240	3.54	16.3	14,682,000.00	790.928
12/3/2014 22:00	1,107.20	94.68	71.3	9240	3.5	16.3	14,748,000.00	733.622
12/3/2014 23:00	1,112.20	82.05	70.8	9240	3.54	16.3	15,618,000.00	625.378
12/4/2014 0:00	1,177.80	81.61	73.8	9240	3.49	16.3	16,038,000.00	621.428
12/4/2014 1:00	1,209.50	84.62	76.6	9240	3.49	16.3	15,726,000.00	649.653
12/4/2014 2:00	1,186.00	87.55	76.1	9240	3.46	16.3	15,738,000.00	671.332
12/4/2014 3:00	1,186.90	86.97	76.9	9240	3.51	16.3	14,604,000.00	666.903
12/4/2014 4:00	1,101.40	87.83	70.9	9240	3.54	16.3	14,760,000.00	673.639
12/4/2014 5:00	1,113.10	81.68	70.9	9240	3.49	16.3	14,778,000.00	621.434
12/4/2014 6:00	1,114.50	81.87	70.8	9240	3.47	16.3	14,640,000.00	622.842
12/4/2014 7:00	1,104.10	82.00	70.8	9240	3.47	16.3	14,580,000.00	623.134
12/4/2014 8:00	1,099.50	81.83	70.8	9240	3.48	16.3	15,402,000.00	622.786
12/4/2014 9:00	1,161.50	81.85	76.1	9240	3.39	16.3	17,130,000.00	624.591
12/4/2014 10:00	1,299.30	87.25	86.9	9240	3.41	16.3	17,640,000.00	672.963
12/4/2014 11:00	1,338.00	98.20	91.6	9240	3.36	16.3	17,952,000.00	768.394
12/4/2014 12:00	1,361.60	103.05	93.4	9240	3.35	16.3	17,478,000.00	808.708
12/4/2014 13:00	1,325.70	104.80	89.3	9240	3.41	16.3	18,600,000.00	824.531
12/4/2014 14:00	1,410.80	100.70	99.4	9240	3.46	16.3	16,416,000.00	789.280
12/4/2014 15:00	1,238.00	111.04	84.3	9240	3.41	16.3	16,896,000.00	877.987
12/4/2014 16:00	1,281.50	95.60	85.7	9240	3.38	16.3	18,534,000.00	746.009
12/4/2014 17:00	1,405.80	97.07	99.8	9240	3.38	16.3	17,460,000.00	756.642
12/4/2014 18:00	1,324.30	111.51	91.0	9240	3.4	16.3	17,790,000.00	880.635
12/4/2014 19:00	1,349.30	102.23	92.3	9240	3.46	16.3	15,720,000.00	799.447
12/4/2014 20:00	1,185.50	103.52	79.1	9240	3.42	16.3	15,888,000.00	808.819
12/4/2014 21:00	1,205.10	89.92	80.4	9240	3.46	16.3	16,326,000.00	692.372
12/4/2014 22:00	1,231.20	91.37	84.0	9240	3.41	16.3	16,566,000.00	705.538
12/4/2014 23:00	1,256.50	95.09	85.3	9240	3.43	16.3	15,996,000.00	738.111
12/5/2014 0:00	1,213.30	96.34	80.0	9240	3.49	16.3	16,872,000.00	751.320
12/5/2014 1:00	1,272.40	90.95	83.1	9240	3.51	16.3	16,092,000.00	703.425
12/5/2014 2:00	1,213.60	94.13	78.3	9240	3.43	16.3	16,260,000.00	732.068
12/5/2014 3:00	1,233.30	89.17	79.2	9240	3.46	16.3	16,104,000.00	687.620
12/5/2014 4:00	1,214.50	90.15	79.4	9240	3.42	16.3	18,030,000.00	697.345
12/5/2014 5:00	1,367.50	90.26	93.2	9240	3.44	16.3	15,606,000.00	697.783
12/5/2014 6:00	1,183.70	104.64	77.9	9240	3.43	16.3	16,248,000.00	820.745
12/5/2014 7:00	1,232.40	89.10	81.2	9240	3.33	16.3	16,872,000.00	688.167
12/5/2014 8:00	1,287.00	92.34	85.8	9240	3.44	16.3	17,430,000.00	715.248
12/5/2014 9:00	1,322.00	97.03	88.4	9240	3.41	16.3	17,508,000.00	755.762
12/5/2014 10:00	1,328.00	99.74	88.6	9240	3.42	16.3	18,018,000.00	777.012
12/5/2014 11:00	1,366.60	100.05	92.9	9240	3.4	16.3	17,100,000.00	779.113
12/5/2014 12:00	1,297.00	104.59	86.7	9240	3.39	16.3	17,940,000.00	821.551
12/5/2014 13:00	1,360.70	97.96	91.2	9240	3.42	16.3	18,306,000.00	765.044
12/5/2014 14:00	1,388.50	102.26	94.6	9240	3.46	16.3	18,396,000.00	800.157
12/5/2014 15:00	1,387.30	105.66	94.6	9240	3.42	16.3	18,018,000.00	832.642
12/5/2014 16:00	1,366.60	106.06	91.5	9240	3.43	16.3	17,586,000.00	835.846
12/5/2014 17:00	1,333.90	102.97	90.0	9240	3.41	16.3	17,658,000.00	808.032
12/5/2014 18:00	1,339.30	101.57	89.9	9240	3.49	16.3	15,798,000.00	796.494
12/5/2014 19:00	1,191.40	101.28	79.0	9240	3.49	16.3	14,898,000.00	792.716
12/5/2014 20:00	1,123.50	89.96	71.6	9240	3.46	16.3	16,236,000.00	696.335
12/5/2014 21:00	1,224.40	82.37	79.6	9240	3.42	16.3	17,580,000.00	629.638
12/5/2014 22:00	1,333.40	90.55	87.7	9240	3.49	16.3	15,750,000.00	700.516
12/5/2014 23:00	1,187.80	98.87	77.4	9240	3.55	16.3	15,276,000.00	772.072
12/6/2014 0:00	1,145.40	88.38	70.9	9240	3.57	16.3	15,414,000.00	680.958
12/6/2014 1:00	1,155.80	81.74	70.8	9240	3.51	16.3	16,050,000.00	624.867
12/6/2014 2:00	1,210.40	81.66	75.0	9240	3.52	16.3	16,476,000.00	624.979
12/6/2014 3:00	1,242.50	85.89	78.2	9240	3.43	16.3	16,026,000.00	659.695
12/6/2014 4:00	1,215.50	89.29	78.4	9240	3.43	16.3	16,716,000.00	687.445
12/6/2014 5:00	1,267.90	89.37	82.7	9240	3.51	16.3	14,850,000.00	694.587
12/6/2014 6:00	1,119.90	93.99	70.8	9240	3.5	16.3	14,910,000.00	729.033
12/6/2014 7:00	1,124.40	81.97	70.8	9240	3.49	16.3	15,036,000.00	624.074
12/6/2014 8:00	1,133.90	81.98	71.5	9240	3.48	16.3	15,996,000.00	625.016
12/6/2014 9:00	1,206.30	82.66	79.5	9240	3.33	16.3	17,580,000.00	631.652
12/6/2014 10:00	1,341.00	90.73	89.5	9240	3.43	16.3	18,330,000.00	703.220
12/6/2014 11:00	1,390.30	100.98	95.4	9240	3.41	16.3	18,330,000.00	791.970
12/6/2014 12:00	1,390.30	107.07	94.8	9240	3.48	16.3	17,088,000.00	841.419
12/6/2014 13:00	1,288.70	106.48	86.1	9240	3.47	16.3	16,134,000.00	833.682
12/6/2014 14:00	1,216.70	97.57	80.2	9240	3.45	16.3	16,290,000.00	756.427
12/6/2014 15:00	1,235.60	91.25	81.5	9240	3.4	16.3	16,212,000.00	701.846
12/6/2014 16:00	1,229.70	92.49	81.2	9240	3.07	16.3	18,168,000.00	712.700
12/6/2014 17:00	1,401.60	92.24	99.3	9240	2.93	16.3	18,252,000.00	708.034
12/6/2014 18:00	1,423.90	110.80	98.8	9240	3.46	16.3	16,896,000.00	870.019
12/6/2014 19:00	1,274.20	110.32	83.6	9240	3.48	16.3	15,846,000.00	865.046
12/6/2014 20:00	1,195.00	94.86	76.0	9240	3.49	16.3	17,166,000.00	731.437

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/6/2014 21:00	1,294.60	87.08	81.8	9240	3.43	16.3	18,042,000.00	663.670
12/6/2014 22:00	1,368.50	92.96	89.1	9240	3.37	16.3	17,742,000.00	716.214
12/6/2014 23:00	1,345.70	100.45	87.5	9240	3.42	16.3	17,478,000.00	778.408
12/7/2014 0:00	1,325.70	98.85	87.0	9240	3.41	16.3	16,512,000.00	765.371
12/7/2014 1:00	1,252.40	98.23	80.8	9240	3.48	16.3	15,408,000.00	759.740
12/7/2014 2:00	1,162.00	91.93	73.8	9240	3.48	16.3	15,210,000.00	703.270
12/7/2014 3:00	1,147.10	84.68	72.4	9240	3.52	16.3	15,258,000.00	643.229
12/7/2014 4:00	1,150.70	83.30	72.8	9240	3.5	16.3	16,266,000.00	632.606
12/7/2014 5:00	1,226.70	83.70	78.3	9240	3.55	16.3	14,760,000.00	635.134
12/7/2014 6:00	1,113.10	89.28	70.9	9240	3.51	16.3	14,592,000.00	680.406
12/7/2014 7:00	1,100.50	81.57	70.8	9240	3.49	16.3	14,562,000.00	617.496
12/7/2014 8:00	1,098.20	81.55	71.7	9240	3.44	16.3	14,346,000.00	616.755
12/7/2014 9:00	1,088.10	82.40	70.8	9240	3.45	16.3	14,550,000.00	622.554
12/7/2014 10:00	1,097.30	81.60	71.7	9240	3.43	16.3	15,366,000.00	616.708
12/7/2014 11:00	1,165.50	82.37	76.4	9240	3.38	16.3	15,696,000.00	623.945
12/7/2014 12:00	1,190.50	87.11	78.7	9240	3.35	16.3	15,816,000.00	661.601
12/7/2014 13:00	1,199.60	89.40	79.7	9240	3.41	16.3	15,966,000.00	684.256
12/7/2014 14:00	1,211.00	90.28	80.9	9240	3.37	16.3	16,848,000.00	693.943
12/7/2014 15:00	1,277.90	91.51	86.5	9240	3.32	16.3	17,298,000.00	702.303
12/7/2014 16:00	1,319.50	97.34	89.7	9240	3.36	16.3	18,228,000.00	749.901
12/7/2014 17:00	1,382.60	100.76	96.3	9240	3.41	16.3	16,428,000.00	778.823
12/7/2014 18:00	1,246.00	107.56	82.1	9240	3.5	16.3	15,648,000.00	837.866
12/7/2014 19:00	1,180.10	92.97	75.5	9240	3.47	16.3	16,332,000.00	713.601
12/7/2014 20:00	1,231.70	86.25	77.7	9240	3.52	16.3	15,606,000.00	657.007
12/7/2014 21:00	1,176.90	88.39	72.8	9240	3.44	16.3	15,708,000.00	679.341
12/7/2014 22:00	1,191.40	83.40	73.9	9240	3.34	16.3	18,444,000.00	636.661
12/7/2014 23:00	1,406.90	84.51	95.6	9240	3.38	16.3	17,394,000.00	645.748
12/8/2014 0:00	1,319.30	106.80	88.6	9240	3.42	16.3	16,572,000.00	835.911
12/8/2014 1:00	1,257.00	99.72	82.4	9240	3.44	16.3	16,254,000.00	769.108
12/8/2014 2:00	1,232.80	93.25	79.9	9240	3.43	16.3	16,656,000.00	712.832
12/8/2014 3:00	1,263.30	90.67	82.5	9240	3.4	16.3	16,368,000.00	690.328
12/8/2014 4:00	1,241.50	93.41	80.0	9240	3.39	16.3	18,708,000.00	714.733
12/8/2014 5:00	1,419.00	90.78	99.7	9240	3.41	16.3	17,064,000.00	695.499
12/8/2014 6:00	1,294.30	111.19	87.1	9240	3.42	16.3	16,632,000.00	871.151
12/8/2014 7:00	1,261.50	98.56	82.2	9240	3.39	16.3	16,638,000.00	759.594
12/8/2014 8:00	1,262.00	93.40	84.1	9240	3.36	16.3	17,064,000.00	714.920
12/8/2014 9:00	1,294.30	95.27	86.9	9240	3.36	16.3	17,142,000.00	734.862
12/8/2014 10:00	1,300.20	98.16	88.2	9240	3.33	16.3	17,292,000.00	758.056
12/8/2014 11:00	1,319.10	99.48	88.9	9240	3.41	16.3	16,770,000.00	766.951
12/8/2014 12:00	1,272.00	100.19	85.2	9240	3.38	16.3	16,746,000.00	772.377
12/8/2014 13:00	1,270.20	96.47	85.2	9240	3.38	16.3	16,302,000.00	740.404
12/8/2014 14:00	1,236.50	96.54	82.8	9240	3.31	16.3	16,980,000.00	740.729
12/8/2014 15:00	1,295.30	94.04	88.3	9240	3.34	16.3	18,456,000.00	719.013
12/8/2014 16:00	1,407.90	99.74	99.1	9240	3.32	16.3	18,252,000.00	768.553
12/8/2014 17:00	1,392.30	110.75	99.8	9240	3.31	16.3	18,198,000.00	862.150
12/8/2014 18:00	1,388.20	111.62	99.8	9240	3.29	16.3	18,168,000.00	870.192
12/8/2014 19:00	1,385.90	111.49	97.6	9240	3.38	16.3	17,028,000.00	870.140
12/8/2014 20:00	1,291.50	108.88	85.5	9240	3.52	16.3	15,660,000.00	847.324
12/8/2014 21:00	1,181.00	96.38	73.9	9240	3.39	16.3	17,538,000.00	740.937
12/8/2014 22:00	1,330.20	84.48	85.9	9240	3.38	16.3	18,306,000.00	644.503
12/8/2014 23:00	1,388.50	96.85	93.8	9240	3.45	16.3	15,834,000.00	748.311
12/9/2014 0:00	1,201.00	105.02	75.7	9240	3.42	16.3	16,218,000.00	819.277
12/9/2014 1:00	1,230.10	86.47	79.0	9240	3.37	16.3	17,304,000.00	657.209
12/9/2014 2:00	1,312.50	89.85	86.9	9240	3.35	16.3	18,570,000.00	683.091
12/9/2014 3:00	1,408.50	97.83	96.4	9240	3.34	16.3	17,892,000.00	753.350
12/9/2014 4:00	1,364.80	107.60	92.6	9240	3.34	16.3	18,732,000.00	836.807
12/9/2014 5:00	1,428.90	103.88	98.0	9240	3.33	16.3	18,600,000.00	805.264
12/9/2014 6:00	1,418.80	109.46	99.8	9240	3.36	16.3	18,438,000.00	852.408
12/9/2014 7:00	1,398.50	111.37	99.8	9240	3.32	16.3	18,324,000.00	868.386
12/9/2014 8:00	1,397.80	111.30	98.4	9240	3.36	16.3	17,790,000.00	866.949
12/9/2014 9:00	1,349.30	110.04	93.0	9240	3.43	16.3	16,446,000.00	857.140
12/9/2014 10:00	1,247.40	104.50	82.0	9240	3.45	16.3	15,768,000.00	809.633
12/9/2014 11:00	1,189.10	93.09	76.6	9240	3.45	16.3	16,248,000.00	713.123
12/9/2014 12:00	1,225.30	87.64	80.0	9240	3.47	16.3	16,194,000.00	667.136
12/9/2014 13:00	1,221.30	91.08	80.5	9240	3.4	16.3	16,464,000.00	697.629
12/9/2014 14:00	1,248.80	91.52	82.8	9240	3.36	16.3	17,658,000.00	702.119
12/9/2014 15:00	1,339.30	93.87	91.4	9240	3.41	16.3	18,198,000.00	724.084
12/9/2014 16:00	1,380.30	102.82	97.0	9240	3.34	16.3	18,366,000.00	798.793
12/9/2014 17:00	1,401.00	108.66	99.8	9240	3.36	16.3	18,606,000.00	844.143
12/9/2014 18:00	1,411.20	111.51	99.8	9240	3.41	16.3	18,204,000.00	868.502
12/9/2014 19:00	1,380.70	111.18	95.2	9240	3.44	16.3	18,432,000.00	864.486
12/9/2014 20:00	1,398.00	106.57	95.4	9240	3.42	16.3	18,516,000.00	825.344
12/9/2014 21:00	1,404.40	106.80	96.8	9240	3.38	16.3	18,216,000.00	827.758
12/9/2014 22:00	1,381.70	108.17	93.4	9240	3.42	16.3	16,788,000.00	839.425
12/9/2014 23:00	1,273.30	104.55	81.8	9240	3.42	16.3	15,720,000.00	811.557

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/10/2014 0:00	1,192.30	92.82	76.5	9240	3.44	16.3	15,474,000.00	710.312
12/10/2014 1:00	1,173.70	87.24	74.3	9240	3.49	16.3	14,916,000.00	660.801
12/10/2014 2:00	1,124.90	84.87	70.9	9240	3.49	16.3	14,964,000.00	645.220
12/10/2014 3:00	1,128.50	81.20	70.8	9240	3.44	16.3	15,294,000.00	619.295
12/10/2014 4:00	1,160.00	81.23	72.5	9240	3.39	16.3	18,936,000.00	619.527
12/10/2014 5:00	1,436.30	83.21	97.1	9240	3.35	16.3	18,564,000.00	633.665
12/10/2014 6:00	1,416.10	108.49	99.8	9240	3.29	16.3	18,672,000.00	843.697
12/10/2014 7:00	1,424.30	111.36	99.8	9240	3.32	16.3	18,546,000.00	866.978
12/10/2014 8:00	1,414.70	111.38	99.8	9240	3.38	16.3	18,480,000.00	867.492
12/10/2014 9:00	1,401.70	111.35	99.8	9240	3.32	16.3	18,354,000.00	867.330
12/10/2014 10:00	1,400.10	111.41	99.8	9240	3.33	16.3	18,288,000.00	868.857
12/10/2014 11:00	1,395.00	111.54	99.8	9240	3.37	16.3	18,498,000.00	868.061
12/10/2014 12:00	1,403.00	111.55	99.8	9240	3.34	16.3	18,258,000.00	867.127
12/10/2014 13:00	1,392.70	111.43	99.8	9240	3.36	16.3	18,192,000.00	866.671
12/10/2014 14:00	1,379.80	111.31	99.8	9240	3.34	16.3	18,342,000.00	865.959
12/10/2014 15:00	1,399.20	111.33	99.9	9240	3.37	16.3	18,546,000.00	866.218
12/10/2014 16:00	1,406.70	111.41	99.8	9240	3.36	16.3	18,306,000.00	866.792
12/10/2014 17:00	1,388.50	111.49	99.8	9240	3.34	16.3	18,174,000.00	867.482
12/10/2014 18:00	1,386.30	111.48	99.8	9240	3.29	16.3	18,450,000.00	866.931
12/10/2014 19:00	1,407.40	111.28	99.8	9240	3.35	16.3	16,854,000.00	864.801
12/10/2014 20:00	1,285.70	111.19	85.9	9240	3.33	16.3	18,756,000.00	863.246
12/10/2014 21:00	1,430.70	96.89	99.6	9240	3.46	16.3	18,906,000.00	744.236
12/10/2014 22:00	1,425.80	110.80	99.6	9240	3.31	16.3	18,582,000.00	865.435
12/10/2014 23:00	1,417.50	110.83	96.8	9240	3.35	16.3	18,510,000.00	864.943
12/11/2014 0:00	1,404.00	107.96	96.8	9240	3.31	16.3	18,534,000.00	840.862
12/11/2014 1:00	1,413.80	107.94	96.8	9240	3.36	16.3	18,612,000.00	838.781
12/11/2014 2:00	1,411.70	107.98	96.8	9240	3.37	16.3	18,606,000.00	838.298
12/11/2014 3:00	1,411.20	107.98	96.5	9240	3.41	16.3	16,878,000.00	838.423
12/11/2014 4:00	1,280.20	107.73	83.6	9240	3.34	16.3	18,108,000.00	836.395
12/11/2014 5:00	1,381.30	94.65	91.9	9240	3.36	16.3	18,786,000.00	722.739
12/11/2014 6:00	1,424.90	103.30	100.8	9240	3.4	16.3	17,856,000.00	798.027
12/11/2014 7:00	1,354.30	112.36	92.1	9240	3.39	16.3	18,432,000.00	875.364
12/11/2014 8:00	1,398.00	103.43	98.8	9240	3.37	16.3	18,516,000.00	798.340
12/11/2014 9:00	1,404.40	110.25	98.9	9240	3.4	16.3	18,516,000.00	857.755
12/11/2014 10:00	1,404.40	110.33	98.9	9240	3.35	16.3	17,784,000.00	859.075
12/11/2014 11:00	1,356.60	110.33	93.8	9240	3.43	16.3	16,098,000.00	859.530
12/11/2014 12:00	1,221.00	105.40	78.5	9240	3.55	16.3	16,764,000.00	816.252
12/11/2014 13:00	1,257.00	89.57	83.5	9240	3.47	16.3	16,134,000.00	678.699
12/11/2014 14:00	1,216.70	94.73	79.7	9240	3.46	16.3	16,848,000.00	723.393
12/11/2014 15:00	1,270.60	90.78	83.3	9240	3.41	16.3	18,786,000.00	688.727
12/11/2014 16:00	1,424.90	94.59	99.1	9240	3.39	16.3	18,624,000.00	722.091
12/11/2014 17:00	1,412.60	110.63	100.8	9240	3.35	16.3	18,552,000.00	860.581
12/11/2014 18:00	1,407.10	112.36	100.8	9240	3.41	16.3	16,788,000.00	874.376
12/11/2014 19:00	1,273.30	112.07	86.8	9240	3.47	16.3	15,090,000.00	875.251
12/11/2014 20:00	1,138.00	97.67	71.8	9240	3.49	16.3	15,396,000.00	753.412
12/11/2014 21:00	1,161.10	82.36	71.8	9240	3.49	16.3	15,342,000.00	623.375
12/11/2014 22:00	1,157.00	82.45	71.9	9240	3.49	16.3	15,252,000.00	624.347
12/11/2014 23:00	1,150.20	82.48	71.8	9240	3.48	16.3	14,922,000.00	624.652
12/12/2014 0:00	1,125.30	82.49	71.9	9240	3.47	16.3	14,850,000.00	624.499
12/12/2014 1:00	1,119.90	82.44	71.8	9240	3.47	16.3	14,796,000.00	623.112
12/12/2014 2:00	1,115.80	82.42	71.8	9240	3.41	16.3	16,014,000.00	622.535
12/12/2014 3:00	1,214.60	82.41	79.0	9240	3.34	16.3	18,636,000.00	622.378
12/12/2014 4:00	1,421.60	89.79	98.1	9240	3.33	16.3	18,654,000.00	685.252
12/12/2014 5:00	1,423.00	109.38	98.8	9240	3.34	16.3	18,642,000.00	850.877
12/12/2014 6:00	1,422.00	110.35	98.8	9240	3.33	16.3	18,792,000.00	857.331
12/12/2014 7:00	1,433.50	110.31	98.8	9240	3.4	16.3	18,174,000.00	857.312
12/12/2014 8:00	1,378.50	110.33	95.0	9240	3.43	16.3	16,776,000.00	857.036
12/12/2014 9:00	1,272.40	106.40	84.6	9240	3.41	16.3	16,908,000.00	825.123
12/12/2014 10:00	1,282.40	95.80	84.9	9240	3.43	16.3	16,212,000.00	734.411
12/12/2014 11:00	1,229.70	96.06	80.9	9240	3.47	16.3	14,994,000.00	738.489
12/12/2014 12:00	1,130.80	91.89	73.7	9240	3.44	16.3	14,658,000.00	702.182
12/12/2014 13:00	1,111.80	84.53	71.8	9240	3.48	16.3	14,670,000.00	643.356
12/12/2014 14:00	1,106.30	82.57	71.8	9240	3.41	16.3	14,748,000.00	626.616
12/12/2014 15:00	1,118.60	82.62	71.8	9240	3.42	16.3	14,766,000.00	627.475
12/12/2014 16:00	1,120.00	82.65	71.8	9240	3.41	16.3	15,204,000.00	629.005
12/12/2014 17:00	1,153.20	82.54	74.2	9240	3.43	16.3	15,924,000.00	628.668
12/12/2014 18:00	1,207.80	84.99	77.8	9240	3.48	16.3	16,158,000.00	645.920
12/12/2014 19:00	1,218.60	88.53	77.8	9240	3.49	16.3	15,402,000.00	672.095
12/12/2014 20:00	1,161.50	88.66	72.8	9240	3.5	16.3	15,132,000.00	672.067
12/12/2014 21:00	1,141.20	83.51	70.8	9240	3.46	16.3	15,192,000.00	633.490
12/12/2014 22:00	1,145.70	81.46	70.8	9240	3.48	16.3	15,000,000.00	615.643
12/12/2014 23:00	1,131.20	81.50	70.8	9240	3.4	16.3	14,640,000.00	616.041
12/13/2014 0:00	1,110.40	81.44	70.8	9240	3.44	16.3	14,784,000.00	615.221
12/13/2014 1:00	1,121.30	81.37	70.8	9240	3.46	16.3	14,736,000.00	613.683
12/13/2014 2:00	1,111.30	81.42	70.8	9240	3.44	16.3	14,748,000.00	613.953



Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/13/2014 3:00	1,118.60	81.43	70.8	9240	3.44	16.3	14,790,000.00	613.657
12/13/2014 4:00	1,121.80	81.49	70.8	9240	3.45	16.3	14,718,000.00	613.871
12/13/2014 5:00	1,116.30	81.61	70.8	9240	3.42	16.3	14,658,000.00	614.676
12/13/2014 6:00	1,111.80	81.67	70.8	9240	3.39	16.3	14,688,000.00	615.357
12/13/2014 7:00	1,114.10	81.62	70.8	9240	3.49	16.3	14,652,000.00	614.745
12/13/2014 8:00	1,105.00	81.68	70.8	9240	3.45	16.3	14,622,000.00	616.207
12/13/2014 9:00	1,102.70	81.79	70.8	9240	3.42	16.3	14,970,000.00	618.760
12/13/2014 10:00	1,135.40	81.69	70.8	9240	3.49	16.3	15,036,000.00	619.710
12/13/2014 11:00	1,133.90	81.63	70.8	9240	3.51	16.3	14,826,000.00	620.432
12/13/2014 12:00	1,118.10	81.58	70.8	9240	3.44	16.3	14,634,000.00	619.784
12/13/2014 13:00	1,110.00	81.53	70.8	9240	3.44	16.3	14,604,000.00	619.805
12/13/2014 14:00	1,107.70	81.54	70.8	9240	3.47	16.3	14,628,000.00	620.839
12/13/2014 15:00	1,103.20	81.46	70.8	9240	3.48	16.3	14,628,000.00	620.614
12/13/2014 16:00	1,103.20	81.27	70.8	9240	3.42	16.3	14,748,000.00	619.096
12/13/2014 17:00	1,118.60	81.21	70.8	9240	3.5	16.3	15,108,000.00	618.617
12/13/2014 18:00	1,139.40	81.36	70.8	9240	3.48	16.3	15,144,000.00	618.394
12/13/2014 19:00	1,142.10	81.41	70.8	9240	3.48	16.3	14,910,000.00	618.730
12/13/2014 20:00	1,124.40	81.43	70.8	9240	3.53	16.3	14,844,000.00	616.834
12/13/2014 21:00	1,119.50	81.37	70.8	9240	3.46	16.3	14,670,000.00	617.336
12/13/2014 22:00	1,106.30	81.48	70.8	9240	3.44	16.3	14,670,000.00	617.091
12/13/2014 23:00	1,112.70	81.51	70.8	9240	3.44	16.3	14,658,000.00	616.771
12/14/2014 0:00	1,111.80	81.46	70.8	9240	3.45	16.3	14,736,000.00	616.106
12/14/2014 1:00	1,111.30	81.43	70.8	9240	3.44	16.3	14,682,000.00	615.904
12/14/2014 2:00	1,113.60	81.45	70.8	9240	3.47	16.3	14,610,000.00	615.970
12/14/2014 3:00	1,101.80	81.47	70.8	9240	3.41	16.3	14,640,000.00	615.957
12/14/2014 4:00	1,110.40	81.51	70.8	9240	3.5	16.3	14,700,000.00	616.358
12/14/2014 5:00	1,108.60	81.46	70.8	9240	3.48	16.3	14,550,000.00	615.493
12/14/2014 6:00	1,097.30	81.43	70.8	9240	3.43	16.3	14,550,000.00	615.348
12/14/2014 7:00	1,103.60	81.39	70.8	9240	3.41	16.3	14,520,000.00	614.628
12/14/2014 8:00	1,101.30	81.34	70.8	9240	3.43	16.3	14,592,000.00	614.189
12/14/2014 9:00	1,106.80	81.35	70.8	9240	3.43	16.3	14,838,000.00	615.799
12/14/2014 10:00	1,125.40	81.30	70.8	9240	3.41	16.3	15,036,000.00	617.536
12/14/2014 11:00	1,140.50	81.25	70.8	9240	3.57	16.3	15,246,000.00	618.412
12/14/2014 12:00	1,143.20	81.24	70.8	9240	3.55	16.3	15,018,000.00	619.600
12/14/2014 13:00	1,126.10	81.11	70.8	9240	3.49	16.3	14,946,000.00	618.071
12/14/2014 14:00	1,127.10	81.17	70.8	9240	3.51	16.3	15,108,000.00	618.453
12/14/2014 15:00	1,139.40	81.20	70.8	9240	3.49	16.3	15,210,000.00	618.787
12/14/2014 16:00	1,147.10	81.10	70.8	9240	3.5	16.3	15,270,000.00	619.215
12/14/2014 17:00	1,151.60	81.16	70.8	9240	3.5	16.3	15,258,000.00	619.025
12/14/2014 18:00	1,150.70	81.24	70.8	9240	3.49	16.3	15,252,000.00	618.530
12/14/2014 19:00	1,150.20	81.28	70.8	9240	3.53	16.3	15,660,000.00	618.806
12/14/2014 20:00	1,181.00	81.30	70.8	9240	3.55	16.3	15,666,000.00	618.126
12/14/2014 21:00	1,174.70	81.40	70.8	9240	3.5	16.3	15,780,000.00	619.058
12/14/2014 22:00	1,190.00	81.41	70.8	9240	3.53	16.3	15,636,000.00	617.711
12/14/2014 23:00	1,179.20	81.43	70.8	9240	3.52	16.3	15,228,000.00	617.511
12/15/2014 0:00	1,148.40	81.45	70.8	9240	3.52	16.3	15,288,000.00	617.285
12/15/2014 1:00	1,152.90	81.35	70.8	9240	3.52	16.3	15,330,000.00	615.012
12/15/2014 2:00	1,156.10	81.41	70.8	9240	3.53	16.3	15,318,000.00	616.179
12/15/2014 3:00	1,155.20	81.45	70.8	9240	3.5	16.3	15,282,000.00	616.144
12/15/2014 4:00	1,152.50	81.41	70.8	9240	3.52	16.3	15,354,000.00	615.359
12/15/2014 5:00	1,157.90	81.61	70.8	9240	3.52	16.3	15,384,000.00	616.468
12/15/2014 6:00	1,160.20	81.76	70.8	9240	3.53	16.3	15,294,000.00	617.852
12/15/2014 7:00	1,153.40	81.81	70.8	9240	3.49	16.3	14,766,000.00	618.220
12/15/2014 8:00	1,113.60	81.82	71.0	9240	3.45	16.3	14,604,000.00	618.926
12/15/2014 9:00	1,101.40	81.93	70.8	9240	3.42	16.3	14,514,000.00	620.215
12/15/2014 10:00	1,100.90	81.53	70.8	9240	3.45	16.3	14,880,000.00	620.248
12/15/2014 11:00	1,128.60	81.49	70.8	9240	3.58	16.3	14,730,000.00	620.939
12/15/2014 12:00	1,104.50	81.52	70.8	9240	3.4	16.3	14,370,000.00	622.614
12/15/2014 13:00	1,089.90	81.44	70.8	9240	3.43	16.3	14,484,000.00	621.779
12/15/2014 14:00	1,098.60	81.32	70.8	9240	3.48	16.3	14,514,000.00	621.421
12/15/2014 15:00	1,094.60	81.45	70.8	9240	3.43	16.3	14,610,000.00	622.253
12/15/2014 16:00	1,108.10	81.42	70.8	9240	3.46	16.3	14,670,000.00	621.911
12/15/2014 17:00	1,106.30	81.38	70.8	9240	3.47	16.3	14,934,000.00	621.812
12/15/2014 18:00	1,126.20	81.48	70.8	9240	3.52	16.3	15,486,000.00	621.472
12/15/2014 19:00	1,167.90	81.25	70.8	9240	3.5	16.3	15,558,000.00	619.444
12/15/2014 20:00	1,173.30	81.15	70.8	9240	3.54	16.3	15,600,000.00	618.410
12/15/2014 21:00	1,176.50	81.08	70.8	9240	3.52	16.3	15,144,000.00	617.456
12/15/2014 22:00	1,142.10	81.15	70.8	9240	3.51	16.3	15,174,000.00	616.875
12/15/2014 23:00	1,144.30	81.17	70.8	9240	3.52	16.3	15,186,000.00	614.897
12/16/2014 0:00	1,145.20	81.17	70.8	9240	3.51	16.3	15,198,000.00	614.833
12/16/2014 1:00	1,146.20	81.15	70.8	9240	3.52	16.3	15,264,000.00	614.425
12/16/2014 2:00	1,151.10	81.12	70.8	9240	3.53	16.3	15,264,000.00	614.776
12/16/2014 3:00	1,151.10	81.16	70.8	9240	3.51	16.3	15,234,000.00	615.039
12/16/2014 4:00	1,148.90	81.11	70.8	9240	3.59	16.3	15,438,000.00	614.919
12/16/2014 5:00	1,157.60	81.17	70.8	9240	3.51	16.3	15,288,000.00	615.036

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/16/2014 6:00	1,152.90	81.38	70.8	9240	3.52	16.3	15,264,000.00	616.609
12/16/2014 7:00	1,151.10	81.56	70.8	9240	3.52	16.3	15,102,000.00	618.449
12/16/2014 8:00	1,138.90	81.39	70.8	9240	3.51	16.3	14,892,000.00	616.440
12/16/2014 9:00	1,123.10	81.41	70.8	9240	3.45	16.3	14,910,000.00	618.447
12/16/2014 10:00	1,130.90	81.38	70.8	9240	3.52	16.3	15,030,000.00	620.554
12/16/2014 11:00	1,133.50	81.48	70.8	9240	3.49	16.3	14,928,000.00	620.708
12/16/2014 12:00	1,125.80	81.45	70.8	9240	0	16.3	15,492,000.00	620.050
12/16/2014 13:00	1,154.90	81.39	70.8	9240	3.88	16.3	15,120,000.00	621.465
12/16/2014 14:00	1,114.10	81.45	70.8	9240	3.44	16.3	14,610,000.00	623.098
12/16/2014 15:00	1,108.10	81.48	70.8	9240	3.5	16.3	15,186,000.00	623.392
12/16/2014 16:00	1,145.20	81.56	70.8	9240	3.52	16.3	15,222,000.00	623.959
12/16/2014 17:00	1,148.00	81.80	70.8	9240	3.52	16.3	15,174,000.00	625.336
12/16/2014 18:00	1,144.30	81.72	70.8	9240	3.55	16.3	15,492,000.00	623.657
12/16/2014 19:00	1,161.60	81.51	70.8	9240	3.51	16.3	15,420,000.00	621.445
12/16/2014 20:00	1,162.90	81.33	70.8	9240	3.56	16.3	15,684,000.00	623.982
12/16/2014 21:00	1,176.00	81.45	70.8	9240	3.57	16.3	15,852,000.00	623.636
12/16/2014 22:00	1,188.60	81.50	70.8	9240	3.54	16.3	15,840,000.00	621.924
12/16/2014 23:00	1,194.60	81.48	70.8	9240	3.56	16.3	15,732,000.00	622.477
12/17/2014 0:00	1,179.60	81.44	70.8	9240	3.53	16.3	15,342,000.00	620.427
12/17/2014 1:00	1,157.00	81.29	70.8	9240	3.5	16.3	15,318,000.00	622.401
12/17/2014 2:00	1,155.20	81.34	70.8	9240	3.51	16.3	15,306,000.00	621.827
12/17/2014 3:00	1,154.30	81.38	70.8	9240	3.49	16.3	15,258,000.00	620.814
12/17/2014 4:00	1,150.70	81.43	70.8	9240	3.57	16.3	15,420,000.00	620.007
12/17/2014 5:00	1,156.20	81.56	70.8	9240	3.53	16.3	15,252,000.00	619.180
12/17/2014 6:00	1,150.20	81.67	70.8	9240	3.5	16.3	15,258,000.00	619.428
12/17/2014 7:00	1,150.70	81.75	70.8	9240	3.49	16.3	15,324,000.00	619.401
12/17/2014 8:00	1,155.70	81.69	70.8	9240	3.54	16.3	15,402,000.00	618.857
12/17/2014 9:00	1,161.50	81.79	70.8	9240	3.53	16.3	15,228,000.00	621.035
12/17/2014 10:00	1,148.40	81.78	70.8	9240	3.51	16.3	14,886,000.00	621.865
12/17/2014 11:00	1,122.60	81.74	70.8	9240	3.48	16.3	14,754,000.00	622.980
12/17/2014 12:00	1,112.70	81.72	70.8	9240	3.45	16.3	14,718,000.00	623.190
12/17/2014 13:00	1,110.00	81.66	70.8	9240	3.52	16.3	14,832,000.00	623.669
12/17/2014 14:00	1,118.60	81.76	70.8	9240	3.46	16.3	14,838,000.00	624.973
12/17/2014 15:00	1,119.00	81.74	70.8	9240	3.47	16.3	14,772,000.00	625.085
12/17/2014 16:00	1,114.00	81.74	70.8	9240	3.49	16.3	14,808,000.00	624.608
12/17/2014 17:00	1,116.70	81.69	70.8	9240	3.51	16.3	14,784,000.00	623.980
12/17/2014 18:00	1,114.90	81.83	70.8	9240	3.51	16.3	15,198,000.00	624.105
12/17/2014 19:00	1,146.20	81.59	70.8	9240	3.47	16.3	15,294,000.00	621.843
12/17/2014 20:00	1,153.40	81.48	70.8	9240	3.55	16.3	15,690,000.00	620.058
12/17/2014 21:00	1,176.50	81.40	70.8	9240	3.53	16.3	15,642,000.00	619.231
12/17/2014 22:00	1,179.60	81.34	70.8	9240	3.51	16.3	15,654,000.00	619.777
12/17/2014 23:00	1,180.50	81.39	70.8	9240	3.53	16.3	15,414,000.00	618.995
12/18/2014 0:00	1,162.40	81.46	70.8	9240	3.49	16.3	15,222,000.00	619.818
12/18/2014 1:00	1,148.00	81.44	70.8	9240	3.5	16.3	15,318,000.00	618.550
12/18/2014 2:00	1,155.20	81.47	70.8	9240	3.48	16.3	15,330,000.00	617.888
12/18/2014 3:00	1,156.10	81.37	70.8	9240	3.48	16.3	15,330,000.00	620.288
12/18/2014 4:00	1,156.10	81.34	70.8	9240	3.55	16.3	15,300,000.00	622.863
12/18/2014 5:00	1,153.80	81.47	71.0	9240	3.5	16.3	15,186,000.00	624.773
12/18/2014 6:00	1,145.20	81.91	70.8	9240	3.48	16.3	15,222,000.00	623.425
12/18/2014 7:00	1,148.00	81.93	70.8	9240	3.44	16.3	14,976,000.00	621.115
12/18/2014 8:00	1,135.90	81.75	70.8	9240	3.48	16.3	14,664,000.00	620.044
12/18/2014 9:00	1,105.90	81.67	70.8	9240	4.26	16.3	15,492,000.00	620.489
12/18/2014 10:00	1,114.60	81.64	70.8	9240	3.96	16.3	15,084,000.00	620.673
12/18/2014 11:00	1,104.90	81.59	70.8	9240	3.46	16.3	14,844,000.00	621.948
12/18/2014 12:00	1,119.50	81.67	70.8	9240	3.51	16.3	15,054,000.00	623.550
12/18/2014 13:00	1,135.30	81.74	70.8	9240	3.6	16.3	14,958,000.00	623.712
12/18/2014 14:00	1,121.60	81.72	70.8	9240	3.47	16.3	15,072,000.00	624.007
12/18/2014 15:00	1,136.70	81.76	70.8	9240	3.53	16.3	15,372,000.00	624.498
12/18/2014 16:00	1,159.30	81.76	70.8	9240	3.66	16.3	15,240,000.00	624.569
12/18/2014 17:00	1,136.10	81.63	70.8	9240	3.5	16.3	15,084,000.00	623.619
12/18/2014 18:00	1,137.60	81.70	70.8	9240	3.6	16.3	15,666,000.00	623.385
12/18/2014 19:00	1,174.70	81.48	70.8	9240	3.56	16.3	15,684,000.00	621.627
12/18/2014 20:00	1,176.00	81.42	70.8	9240	3.55	16.3	15,630,000.00	622.071
12/18/2014 21:00	1,178.70	81.42	70.8	9240	3.56	16.3	15,372,000.00	621.044
12/18/2014 22:00	1,152.60	81.45	70.8	9240	3.49	16.3	15,102,000.00	621.389
12/18/2014 23:00	1,138.90	81.48	70.8	9240	3.51	16.3	15,204,000.00	620.407
12/19/2014 0:00	1,146.60	81.36	70.8	9240	3.56	16.3	15,222,000.00	618.713
12/19/2014 1:00	1,141.40	81.35	70.8	9240	3.54	16.3	15,234,000.00	618.114
12/19/2014 2:00	1,148.90	81.42	70.8	9240	3.54	16.3	15,252,000.00	618.678
12/19/2014 3:00	1,150.20	81.45	70.8	9240	3.53	16.3	15,258,000.00	619.064
12/19/2014 4:00	1,150.70	81.46	70.8	9240	3.58	16.3	15,354,000.00	619.245
12/19/2014 5:00	1,151.30	81.51	70.8	9240	3.54	16.3	15,378,000.00	618.974
12/19/2014 6:00	1,159.70	81.66	70.8	9240	3.56	16.3	15,264,000.00	620.658
12/19/2014 7:00	1,144.50	81.87	70.8	9240	3.52	16.3	15,288,000.00	621.979
12/19/2014 8:00	1,152.90	81.71	70.8	9240	3.51	16.3	15,312,000.00	620.235

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/19/2014 9:00	1,154.80	81.72	70.8	9240	3.54	16.3	15,708,000.00	620.498
12/19/2014 10:00	1,184.60	81.77	70.8	9240	3.55	16.3	16,152,000.00	621.979
12/19/2014 11:00	1,218.10	81.78	70.8	9240	3.63	16.3	15,858,000.00	623.049
12/19/2014 12:00	1,189.10	81.67	70.8	9240	3.49	16.3	14,958,000.00	621.853
12/19/2014 13:00	1,128.10	81.59	70.8	9240	3.53	16.3	14,880,000.00	621.629
12/19/2014 14:00	1,122.20	81.52	70.8	9240	3.31	16.3	14,886,000.00	621.584
12/19/2014 15:00	1,135.50	81.61	70.8	9240	3.43	16.3	14,994,000.00	622.865
12/19/2014 16:00	1,137.30	81.69	70.8	9240	3.49	16.3	15,102,000.00	622.562
12/19/2014 17:00	1,138.90	81.67	70.8	9240	3.53	16.3	15,078,000.00	622.661
12/19/2014 18:00	1,137.10	81.61	70.8	9240	3.51	16.3	14,952,000.00	622.511
12/19/2014 19:00	1,127.60	81.38	70.8	9240	3.41	16.3	15,036,000.00	620.177
12/19/2014 20:00	1,140.50	81.29	70.8	9240	3.44	16.3	15,192,000.00	618.431
12/19/2014 21:00	1,152.30	81.28	70.8	9240	3.5	16.3	15,294,000.00	619.076
12/19/2014 22:00	1,153.40	81.35	70.8	9240	3.55	16.3	15,684,000.00	619.452
12/19/2014 23:00	1,176.00	81.37	70.8	9240	3.55	16.3	15,606,000.00	619.635
12/20/2014 0:00	1,176.90	81.39	70.8	9240	3.52	16.3	15,384,000.00	620.353
12/20/2014 1:00	1,160.20	81.39	70.8	9240	3.48	16.3	15,066,000.00	618.718
12/20/2014 2:00	1,136.20	81.38	70.8	9240	3.49	16.3	14,970,000.00	619.581
12/20/2014 3:00	1,129.00	81.43	70.8	9240	3.48	16.3	15,030,000.00	618.722
12/20/2014 4:00	1,133.50	81.44	70.8	9240	3.5	16.3	15,120,000.00	618.241
12/20/2014 5:00	1,140.30	81.63	70.8	9240	3.51	16.3	15,096,000.00	620.170
12/20/2014 6:00	1,138.50	81.72	70.8	9240	3.51	16.3	14,994,000.00	621.166
12/20/2014 7:00	1,130.80	81.86	70.8	9240	3.48	16.3	14,886,000.00	621.970
12/20/2014 8:00	1,122.60	81.77	70.8	9240	3.46	16.3	14,988,000.00	621.489
12/20/2014 9:00	1,130.30	81.76	70.8	9240	3.54	16.3	15,288,000.00	623.199
12/20/2014 10:00	1,152.90	81.77	70.8	9240	3.51	16.3	15,240,000.00	621.159
12/20/2014 11:00	1,149.30	81.82	70.8	9240	3.6	16.3	15,096,000.00	620.872
12/20/2014 12:00	1,131.90	81.75	70.8	9240	3.53	16.3	15,036,000.00	621.916
12/20/2014 13:00	1,133.90	81.88	70.8	9240	3.5	16.3	15,090,000.00	622.432
12/20/2014 14:00	1,138.00	81.83	70.8	9240	3.55	16.3	14,802,000.00	622.372
12/20/2014 15:00	1,109.90	81.68	70.8	9240	3.51	16.3	14,622,000.00	622.141
12/20/2014 16:00	1,102.70	81.40	70.8	9240	3.43	16.3	14,772,000.00	620.207
12/20/2014 17:00	1,120.40	81.49	70.8	9240	3.5	16.3	14,994,000.00	620.458
12/20/2014 18:00	1,130.80	81.49	70.8	9240	3.55	16.3	15,468,000.00	619.886
12/20/2014 19:00	1,166.50	81.52	70.8	9240	3.56	16.3	15,456,000.00	620.156
12/20/2014 20:00	1,158.90	81.43	70.8	9240	3.51	16.3	15,408,000.00	623.738
12/20/2014 21:00	1,162.00	81.44	70.8	9240	3.52	16.3	15,228,000.00	623.006
12/20/2014 22:00	1,148.40	81.43	70.8	9240	3.54	16.3	15,054,000.00	623.282
12/20/2014 23:00	1,135.30	81.49	70.8	9240	3.5	16.3	15,048,000.00	623.253
12/21/2014 0:00	1,134.80	81.44	70.8	9240	3.52	16.3	15,084,000.00	622.840
12/21/2014 1:00	1,137.60	81.42	70.8	9240	3.53	16.3	15,132,000.00	622.559
12/21/2014 2:00	1,141.20	81.35	70.8	9240	3.52	16.3	15,162,000.00	622.678
12/21/2014 3:00	1,143.40	81.38	70.8	9240	3.49	16.3	15,108,000.00	622.810
12/21/2014 4:00	1,139.40	81.36	70.8	9240	3.56	16.3	15,180,000.00	623.126
12/21/2014 5:00	1,138.20	81.42	70.8	9240	3.5	16.3	15,180,000.00	623.781
12/21/2014 6:00	1,144.80	81.45	70.8	9240	3.51	16.3	15,204,000.00	623.740
12/21/2014 7:00	1,146.60	81.41	70.8	9240	3.53	16.3	15,018,000.00	623.840
12/21/2014 8:00	1,132.60	81.28	70.8	9240	3.47	16.3	14,850,000.00	622.688
12/21/2014 9:00	1,119.90	81.27	70.8	9240	3.49	16.3	14,868,000.00	622.467
12/21/2014 10:00	1,121.30	81.30	70.8	9240	3.49	16.3	14,940,000.00	623.075
12/21/2014 11:00	1,126.70	81.31	70.8	9240	3.49	16.3	15,066,000.00	623.539
12/21/2014 12:00	1,136.20	81.18	70.8	9240	3.5	16.3	15,054,000.00	622.819
12/21/2014 13:00	1,135.30	81.15	70.8	9240	3.48	16.3	15,012,000.00	622.824
12/21/2014 14:00	1,132.10	81.17	70.8	9240	3.52	16.3	15,066,000.00	623.105
12/21/2014 15:00	1,136.20	81.15	70.8	9240	3.49	16.3	15,204,000.00	623.898
12/21/2014 16:00	1,146.60	81.20	70.8	9240	3.53	16.3	15,348,000.00	623.850
12/21/2014 17:00	1,157.50	81.28	70.8	9240	3.54	16.3	15,168,000.00	624.511
12/21/2014 18:00	1,143.90	81.45	70.8	9240	3.53	16.3	15,240,000.00	623.221
12/21/2014 19:00	1,149.30	81.49	70.8	9240	3.53	16.3	15,258,000.00	620.115
12/21/2014 20:00	1,150.70	81.46	70.8	9240	3.55	16.3	15,588,000.00	619.907
12/21/2014 21:00	1,168.80	81.47	70.8	9240	3.55	16.3	15,768,000.00	620.020
12/21/2014 22:00	1,182.30	81.48	70.8	9240	3.54	16.3	15,810,000.00	621.524
12/21/2014 23:00	1,192.30	81.54	70.8	9240	3.58	16.3	15,534,000.00	621.059
12/22/2014 0:00	1,164.80	81.49	70.8	9240	3.55	16.3	15,240,000.00	621.878
12/22/2014 1:00	1,142.70	81.49	70.8	9240	3.55	16.3	15,384,000.00	621.948
12/22/2014 2:00	1,153.50	81.47	70.8	9240	3.57	16.3	15,372,000.00	621.102
12/22/2014 3:00	1,152.60	81.43	70.8	9240	3.57	16.3	16,062,000.00	620.935
12/22/2014 4:00	1,204.40	81.41	70.8	9240	3.59	16.3	16,026,000.00	621.684
12/22/2014 5:00	1,201.70	81.74	70.8	9240	3.57	16.3	15,372,000.00	623.577
12/22/2014 6:00	1,152.60	81.74	70.8	9240	3.55	16.3	15,318,000.00	624.483
12/22/2014 7:00	1,155.20	82.00	70.8	9240	3.54	16.3	15,306,000.00	627.353
12/22/2014 8:00	1,154.30	81.69	70.8	9240	3.56	16.3	15,732,000.00	624.197
12/22/2014 9:00	1,179.60	81.77	70.8	9240	3.53	16.3	15,474,000.00	625.013
12/22/2014 10:00	1,167.00	81.73	70.8	9240	3.51	16.3	15,486,000.00	625.152
12/22/2014 11:00	1,167.90	81.86	70.8	9240	3.52	16.3	15,318,000.00	627.474

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/22/2014 12:00	1,155.20	81.61	70.8	9240	3.53	16.3	15,300,000.00	625.754
12/22/2014 13:00	1,153.80	81.64	70.8	9240	3.57	16.3	15,414,000.00	626.817
12/22/2014 14:00	1,155.80	81.61	70.8	9240	3.56	16.3	15,132,000.00	627.471
12/22/2014 15:00	1,134.60	81.75	70.8	9240	3.48	16.3	15,072,000.00	628.698
12/22/2014 16:00	1,136.70	81.85	70.8	9240	3.5	16.3	15,402,000.00	626.254
12/22/2014 17:00	1,161.50	81.86	70.8	9240	3.57	16.3	15,582,000.00	626.761
12/22/2014 18:00	1,168.40	81.88	70.8	9240	3.61	16.3	16,182,000.00	626.277
12/22/2014 19:00	1,213.30	81.61	70.8	9240	3.57	16.3	15,684,000.00	623.571
12/22/2014 20:00	1,176.00	81.50	70.8	9240	3.59	16.3	15,828,000.00	623.160
12/22/2014 21:00	1,186.80	81.54	70.8	9240	3.58	16.3	15,900,000.00	623.534
12/22/2014 22:00	1,192.20	81.59	70.8	9240	3.56	16.3	15,840,000.00	625.246
12/22/2014 23:00	1,187.70	81.61	70.8	9240	3.59	16.3	15,498,000.00	624.140
12/23/2014 0:00	1,162.10	81.58	70.8	9240	3.59	16.3	15,360,000.00	623.854
12/23/2014 1:00	1,151.70	81.58	70.8	9240	3.57	16.3	15,432,000.00	623.593
12/23/2014 2:00	1,157.10	81.58	70.8	9240	3.58	16.3	15,456,000.00	621.834
12/23/2014 3:00	1,158.90	81.63	70.8	9240	3.56	16.3	15,366,000.00	619.624
12/23/2014 4:00	1,152.20	81.51	70.8	9240	3.56	16.3	15,390,000.00	618.859
12/23/2014 5:00	1,154.00	81.75	70.8	9240	3.57	16.3	15,432,000.00	620.766
12/23/2014 6:00	1,157.10	81.84	70.8	9240	3.56	16.3	15,396,000.00	621.461
12/23/2014 7:00	1,154.40	81.96	70.8	9240	3.54	16.3	15,492,000.00	622.752
12/23/2014 8:00	1,168.30	81.61	70.8	9240	3.64	16.3	15,870,000.00	621.403
12/23/2014 9:00	1,190.00	81.84	70.8	9240	3.68	16.3	16,104,000.00	623.561
12/23/2014 10:00	1,200.50	81.94	70.8	9240	3.57	16.3	15,660,000.00	624.997
12/23/2014 11:00	1,174.20	81.97	70.8	9240	3.6	16.3	15,558,000.00	625.651
12/23/2014 12:00	1,166.60	81.90	70.8	9240	3.65	16.3	15,660,000.00	625.620
12/23/2014 13:00	1,167.40	81.87	70.8	9240	3.54	16.3	15,576,000.00	625.573
12/23/2014 14:00	1,174.70	81.90	70.8	9240	3.54	16.3	15,534,000.00	625.474
12/23/2014 15:00	1,171.50	81.90	70.8	9240	3.6	16.3	15,564,000.00	626.246
12/23/2014 16:00	1,167.00	81.92	70.8	9240	3.62	16.3	15,516,000.00	626.603
12/23/2014 17:00	1,163.40	81.83	70.8	9240	3.63	16.3	15,456,000.00	625.567
12/23/2014 18:00	1,158.90	82.01	70.8	9240	3.63	16.3	15,798,000.00	627.046
12/23/2014 19:00	1,184.60	81.88	70.8	9240	3.62	16.3	15,918,000.00	626.277
12/23/2014 20:00	1,193.60	81.69	70.8	9240	3.59	16.3	15,726,000.00	624.628
12/23/2014 21:00	1,179.20	81.63	70.8	9240	3.58	16.3	15,732,000.00	624.411
12/23/2014 22:00	1,179.60	81.60	70.8	9240	3.56	16.3	15,420,000.00	623.793
12/23/2014 23:00	1,156.20	81.64	70.8	9240	3.58	16.3	15,720,000.00	623.444
12/24/2014 0:00	1,178.70	81.52	70.8	9240	3.62	16.3	15,924,000.00	621.430
12/24/2014 1:00	1,194.00	81.54	70.8	9240	3.62	16.3	15,702,000.00	622.110
12/24/2014 2:00	1,177.40	81.55	70.8	9240	3.61	16.3	15,414,000.00	622.157
12/24/2014 3:00	1,155.80	81.59	70.8	9240	3.57	16.3	15,438,000.00	623.055
12/24/2014 4:00	1,157.60	81.52	70.8	9240	3.63	16.3	15,492,000.00	621.648
12/24/2014 5:00	1,161.60	81.52	70.8	9240	3.6	16.3	15,456,000.00	620.807
12/24/2014 6:00	1,158.90	81.58	70.8	9240	3.58	16.3	15,456,000.00	621.210
12/24/2014 7:00	1,158.90	81.52	70.8	9240	3.6	16.3	15,558,000.00	621.161
12/24/2014 8:00	1,166.60	81.45	70.8	9240	3.61	16.3	15,570,000.00	621.553
12/24/2014 9:00	1,167.50	81.51	70.8	9240	3.61	16.3	15,666,000.00	622.976
12/24/2014 10:00	1,174.70	81.54	70.8	9240	3.59	16.3	16,464,000.00	624.317
12/24/2014 11:00	1,234.50	81.54	70.8	9240	3.67	16.3	15,936,000.00	624.968
12/24/2014 12:00	1,188.00	81.46	70.8	9240	3.62	16.3	15,342,000.00	625.029
12/24/2014 13:00	1,150.40	81.38	70.8	9240	3.64	16.3	15,516,000.00	624.751
12/24/2014 14:00	1,163.40	81.46	70.8	9240	3.63	16.3	15,630,000.00	625.244
12/24/2014 15:00	1,172.00	81.50	70.8	9240	3.6	16.3	15,402,000.00	623.877
12/24/2014 16:00	1,154.90	81.43	70.8	9240	3.58	16.3	15,378,000.00	619.781
12/24/2014 17:00	1,153.10	81.47	70.8	9240	3.62	16.3	15,780,000.00	619.224
12/24/2014 18:00	1,183.20	81.54	70.8	9240	3.59	16.3	15,762,000.00	620.402
12/24/2014 19:00	1,181.90	81.65	70.8	9240	3.61	16.3	15,648,000.00	622.555
12/24/2014 20:00	1,173.30	81.61	70.8	9240	3.58	16.3	15,192,000.00	620.394
12/24/2014 21:00	1,139.10	81.64	70.8	9240	3.56	16.3	15,108,000.00	620.433
12/24/2014 22:00	1,132.80	81.61	70.8	9240	3.56	16.3	15,126,000.00	617.758
12/24/2014 23:00	1,134.20	81.66	70.8	9240	3.57	16.3	15,108,000.00	617.267
12/25/2014 0:00	1,132.80	81.62	70.8	9240	3.58	16.3	15,120,000.00	616.575
12/25/2014 1:00	1,133.70	81.62	70.8	9240	3.56	16.3	15,174,000.00	616.508
12/25/2014 2:00	1,137.80	81.61	70.8	9240	3.57	16.3	15,126,000.00	616.717
12/25/2014 3:00	1,134.20	81.64	70.8	9240	3.54	16.3	15,084,000.00	616.267
12/25/2014 4:00	1,137.60	81.67	70.8	9240	3.58	16.3	15,204,000.00	615.827
12/25/2014 5:00	1,140.00	81.66	70.8	9240	3.59	16.3	15,132,000.00	615.204
12/25/2014 6:00	1,134.60	81.51	70.8	9240	3.53	16.3	15,102,000.00	615.357
12/25/2014 7:00	1,138.90	81.39	70.8	9240	3.55	16.3	15,096,000.00	614.913
12/25/2014 8:00	1,131.90	81.30	70.8	9240	3.53	16.3	15,102,000.00	614.132
12/25/2014 9:00	1,138.90	81.32	70.8	9240	3.53	16.3	15,138,000.00	614.180
12/25/2014 10:00	1,141.60	81.41	70.8	9240	3.55	16.3	15,072,000.00	615.211
12/25/2014 11:00	1,136.70	81.43	70.8	9240	3.54	16.3	15,096,000.00	615.577
12/25/2014 12:00	1,138.50	81.40	70.8	9240	3.55	16.3	15,078,000.00	614.704
12/25/2014 13:00	1,130.60	81.36	70.8	9240	3.54	16.3	14,970,000.00	614.451
12/25/2014 14:00	1,129.00	81.36	70.8	9240	3.54	16.3	15,036,000.00	614.526

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/25/2014 15:00	1,133.90	81.40	70.8	9240	3.52	16.3	15,096,000.00	614.912
12/25/2014 16:00	1,138.50	81.32	70.8	9240	3.56	16.3	15,150,000.00	614.683
12/25/2014 17:00	1,136.00	81.40	70.8	9240	3.52	16.3	15,102,000.00	615.109
12/25/2014 18:00	1,138.90	81.51	70.8	9240	3.51	16.3	15,138,000.00	615.276
12/25/2014 19:00	1,141.60	81.45	70.8	9240	3.57	16.3	15,516,000.00	614.433
12/25/2014 20:00	1,163.40	81.42	70.8	9240	3.57	16.3	15,528,000.00	614.129
12/25/2014 21:00	1,164.30	81.51	70.8	9240	3.54	16.3	15,600,000.00	615.809
12/25/2014 22:00	1,176.50	81.59	70.8	9240	3.57	16.3	15,378,000.00	615.440
12/25/2014 23:00	1,153.10	81.65	70.8	9240	3.52	16.3	15,012,000.00	615.783
12/26/2014 0:00	1,132.10	81.56	70.8	9240	3.53	16.3	15,108,000.00	614.896
12/26/2014 1:00	1,139.40	81.55	70.8	9240	3.56	16.3	15,132,000.00	613.895
12/26/2014 2:00	1,134.60	81.52	70.8	9240	3.53	16.3	15,036,000.00	613.041
12/26/2014 3:00	1,133.90	81.59	70.8	9240	3.53	16.3	15,174,000.00	613.335
12/26/2014 4:00	1,144.30	81.59	70.8	9240	3.55	16.3	15,204,000.00	613.559
12/26/2014 5:00	1,140.00	81.87	70.8	9240	3.53	16.3	15,150,000.00	615.881
12/26/2014 6:00	1,142.50	81.91	70.8	9240	3.53	16.3	15,228,000.00	615.646
12/26/2014 7:00	1,148.40	81.99	70.8	9240	3.52	16.3	15,504,000.00	616.204
12/26/2014 8:00	1,169.20	81.71	70.8	9240	3.59	16.3	15,750,000.00	614.494
12/26/2014 9:00	1,181.00	81.71	70.8	9240	3.54	16.3	15,594,000.00	615.628
12/26/2014 10:00	1,176.00	81.69	70.8	9240	3.59	16.3	15,618,000.00	616.679
12/26/2014 11:00	1,171.10	81.75	70.8	9240	3.6	16.3	15,732,000.00	618.566
12/26/2014 12:00	1,179.60	81.78	70.8	9240	3.54	16.3	15,624,000.00	620.244
12/26/2014 13:00	1,178.30	81.75	70.8	9240	3.55	16.3	15,432,000.00	620.533
12/26/2014 14:00	1,163.80	81.73	70.8	9240	3.61	16.3	15,414,000.00	620.325
12/26/2014 15:00	1,155.80	81.82	70.8	9240	3.56	16.3	15,546,000.00	620.820
12/26/2014 16:00	1,165.70	81.89	70.8	9240	3.49	16.3	15,108,000.00	621.904
12/26/2014 17:00	1,139.40	81.82	70.8	9240	3.54	16.3	15,036,000.00	621.265
12/26/2014 18:00	1,133.90	81.80	70.8	9240	3.55	16.3	15,252,000.00	621.487
12/26/2014 19:00	1,143.60	81.60	70.8	9240	3.52	16.3	15,198,000.00	619.542
12/26/2014 20:00	1,146.20	81.57	70.8	9240	3.54	16.3	15,162,000.00	618.646
12/26/2014 21:00	1,143.40	81.58	70.8	9240	3.53	16.3	15,198,000.00	618.148
12/26/2014 22:00	1,146.20	81.59	70.8	9240	3.52	16.3	15,204,000.00	617.341
12/26/2014 23:00	1,146.60	81.58	70.8	9240	3.55	16.3	15,174,000.00	616.873
12/27/2014 0:00	1,144.30	81.56	70.8	9240	3.54	16.3	15,246,000.00	616.957
12/27/2014 1:00	1,149.80	81.51	70.8	9240	3.54	16.3	15,180,000.00	616.135
12/27/2014 2:00	1,144.80	81.54	70.8	9240	3.55	16.3	15,234,000.00	616.359
12/27/2014 3:00	1,148.90	81.57	70.8	9240	3.51	16.3	15,330,000.00	616.539
12/27/2014 4:00	1,156.10	81.58	70.8	9240	3.59	16.3	15,354,000.00	616.758
12/27/2014 5:00	1,151.30	81.82	70.8	9240	3.57	16.3	15,270,000.00	619.136
12/27/2014 6:00	1,145.00	81.89	70.8	9240	3.53	16.3	15,420,000.00	619.785
12/27/2014 7:00	1,162.90	82.00	70.8	9240	3.55	16.3	15,306,000.00	620.912
12/27/2014 8:00	1,147.70	81.87	70.8	9240	3.52	16.3	15,288,000.00	620.028
12/27/2014 9:00	1,152.90	81.90	70.8	9240	3.6	16.3	15,456,000.00	620.802
12/27/2014 10:00	1,158.90	81.93	70.8	9240	3.54	16.3	15,420,000.00	622.683
12/27/2014 11:00	1,162.90	81.89	70.8	9240	3.48	16.3	15,204,000.00	624.594
12/27/2014 12:00	1,146.60	81.92	70.8	9240	3.54	16.3	15,366,000.00	625.758
12/27/2014 13:00	1,158.80	81.83	70.8	9240	3.6	16.3	15,450,000.00	626.301
12/27/2014 14:00	1,158.50	81.87	70.8	9240	3.53	16.3	15,216,000.00	626.754
12/27/2014 15:00	1,147.50	81.71	70.8	9240	3.52	16.3	15,174,000.00	625.325
12/27/2014 16:00	1,144.30	81.41	70.8	9240	3.55	16.3	15,192,000.00	623.226
12/27/2014 17:00	1,139.10	81.44	70.8	9240	3.57	16.3	15,234,000.00	623.330
12/27/2014 18:00	1,142.30	81.52	70.8	9240	3.63	16.3	15,312,000.00	623.143
12/27/2014 19:00	1,148.10	81.53	70.8	9240	3.56	16.3	15,312,000.00	623.547
12/27/2014 20:00	1,148.10	81.55	70.8	9240	3.54	16.3	15,276,000.00	623.305
12/27/2014 21:00	1,152.00	81.51	70.8	9240	3.53	16.3	15,330,000.00	622.155
12/27/2014 22:00	1,156.10	81.52	70.8	9240	3.57	16.3	15,300,000.00	622.047
12/27/2014 23:00	1,147.20	81.53	70.8	9240	3.59	16.3	15,714,000.00	621.541
12/28/2014 0:00	1,178.30	81.53	70.8	9240	3.6	16.3	15,690,000.00	620.900
12/28/2014 1:00	1,176.50	81.54	70.8	9240	3.57	16.3	15,666,000.00	621.983
12/28/2014 2:00	1,174.70	81.58	70.8	9240	3.57	16.3	15,426,000.00	621.077
12/28/2014 3:00	1,156.70	81.58	70.8	9240	3.54	16.3	15,162,000.00	620.848
12/28/2014 4:00	1,143.40	81.51	70.8	9240	3.57	16.3	15,186,000.00	620.306
12/28/2014 5:00	1,138.70	81.54	70.8	9240	3.58	16.3	15,096,000.00	620.592
12/28/2014 6:00	1,131.90	81.59	70.8	9240	3.56	16.3	15,312,000.00	621.792
12/28/2014 7:00	1,148.10	81.49	70.8	9240	3.54	16.3	15,210,000.00	621.665
12/28/2014 8:00	1,147.10	81.40	70.8	9240	3.56	16.3	15,312,000.00	621.450
12/28/2014 9:00	1,148.10	81.41	70.8	9240	3.55	16.3	15,222,000.00	623.134
12/28/2014 10:00	1,141.40	81.44	70.8	9240	3.57	16.3	15,228,000.00	625.069
12/28/2014 11:00	1,141.80	81.42	70.8	9240	3.57	16.3	15,216,000.00	625.474
12/28/2014 12:00	1,140.90	81.45	70.8	9240	3.56	16.3	15,300,000.00	626.207
12/28/2014 13:00	1,147.20	81.47	70.8	9240	3.58	16.3	15,294,000.00	626.734
12/28/2014 14:00	1,146.80	81.51	70.8	9240	3.56	16.3	15,168,000.00	627.134
12/28/2014 15:00	1,137.30	81.42	70.8	9240	3.54	16.3	15,222,000.00	626.379
12/28/2014 16:00	1,148.00	81.39	70.8	9240	3.56	16.3	15,270,000.00	625.750
12/28/2014 17:00	1,145.00	81.42	70.8	9240	3.57	16.3	15,270,000.00	625.456

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/28/2014 18:00	1,145.00	81.54	70.8	9240	3.56	16.3	15,336,000.00	625.523
12/28/2014 19:00	1,149.90	81.50	70.8	9240	3.55	16.3	15,348,000.00	623.671
12/28/2014 20:00	1,150.80	81.49	70.8	9240	3.55	16.3	15,336,000.00	624.392
12/28/2014 21:00	1,156.60	81.50	70.8	9240	3.59	16.3	15,762,000.00	623.834
12/28/2014 22:00	1,181.90	81.54	70.8	9240	3.57	16.3	15,744,000.00	623.460
12/28/2014 23:00	1,180.50	81.57	70.8	9240	3.57	16.3	15,606,000.00	624.467
12/29/2014 0:00	1,170.20	81.55	70.8	9240	3.58	16.3	15,378,000.00	623.539
12/29/2014 1:00	1,153.10	81.52	70.8	9240	3.57	16.3	15,192,000.00	623.772
12/29/2014 2:00	1,139.10	81.56	70.8	9240	3.53	16.3	15,144,000.00	623.434
12/29/2014 3:00	1,142.10	81.55	70.8	9240	3.54	16.3	15,216,000.00	623.368
12/29/2014 4:00	1,147.50	81.49	70.8	9240	3.56	16.3	15,360,000.00	622.733
12/29/2014 5:00	1,151.70	81.74	70.8	9240	3.54	16.3	15,276,000.00	625.000
12/29/2014 6:00	1,152.00	81.76	70.8	9240	3.55	16.3	15,342,000.00	625.382
12/29/2014 7:00	1,150.40	81.82	70.8	9240	3.55	16.3	15,354,000.00	625.569
12/29/2014 8:00	1,157.90	81.69	70.8	9240	3.58	16.3	15,606,000.00	624.739
12/29/2014 9:00	1,170.20	81.77	70.8	9240	3.52	16.3	15,402,000.00	625.963
12/29/2014 10:00	1,161.50	81.82	70.8	9240	3.59	16.3	15,354,000.00	627.575
12/29/2014 11:00	1,151.30	81.84	70.8	9240	3.55	16.3	15,558,000.00	628.548
12/29/2014 12:00	1,166.60	81.75	70.8	9240	3.57	16.3	15,402,000.00	628.344
12/29/2014 13:00	1,154.90	81.85	70.8	9240	3.6	16.3	15,420,000.00	629.299
12/29/2014 14:00	1,156.20	81.78	70.8	9240	3.55	16.3	15,240,000.00	629.423
12/29/2014 15:00	1,142.70	81.99	70.8	9240	3.53	16.3	15,282,000.00	630.701
12/29/2014 16:00	1,152.50	81.81	70.8	9240	3.55	16.3	15,390,000.00	629.472
12/29/2014 17:00	1,160.60	81.88	70.8	9240	3.55	16.3	15,360,000.00	629.653
12/29/2014 18:00	1,151.70	81.88	70.8	9240	3.54	16.3	15,270,000.00	629.280
12/29/2014 19:00	1,151.60	81.60	70.8	9240	3.53	16.3	15,330,000.00	627.480
12/29/2014 20:00	1,156.10	81.59	70.8	9240	3.57	16.3	15,942,000.00	627.183
12/29/2014 21:00	1,195.40	81.58	70.8	9240	3.61	16.3	15,918,000.00	627.205
12/29/2014 22:00	1,193.60	81.63	70.8	9240	3.57	16.3	15,816,000.00	628.264
12/29/2014 23:00	1,185.90	81.61	70.8	9240	3.57	16.3	15,678,000.00	628.993
12/30/2014 0:00	1,175.60	81.59	70.8	9240	3.57	16.3	15,270,000.00	628.898
12/30/2014 1:00	1,145.00	81.58	70.8	9240	3.56	16.3	15,240,000.00	629.165
12/30/2014 2:00	1,142.70	81.62	70.8	9240	3.55	16.3	15,198,000.00	627.993
12/30/2014 3:00	1,146.20	81.51	70.8	9240	3.53	16.3	15,300,000.00	626.266
12/30/2014 4:00	1,153.80	81.51	70.8	9240	3.63	16.3	15,354,000.00	626.040
12/30/2014 5:00	1,151.30	81.74	70.8	9240	3.55	16.3	15,162,000.00	626.620
12/30/2014 6:00	1,143.40	81.88	70.8	9240	3.55	16.3	15,180,000.00	624.789
12/30/2014 7:00	1,144.80	82.11	70.8	9240	3.54	16.3	15,156,000.00	624.622
12/30/2014 8:00	1,143.00	82.02	70.8	9240	3.53	16.3	15,186,000.00	623.405
12/30/2014 9:00	1,145.20	82.04	70.8	9240	3.53	16.3	15,150,000.00	623.196
12/30/2014 10:00	1,142.50	82.12	70.8	9240	3.54	16.3	15,060,000.00	623.194
12/30/2014 11:00	1,135.70	82.09	70.8	9240	3.55	16.3	15,144,000.00	622.681
12/30/2014 12:00	1,142.10	81.98	70.8	9240	3.52	16.3	15,108,000.00	621.203
12/30/2014 13:00	1,139.40	81.97	70.8	9240	3.57	16.3	15,174,000.00	620.843
12/30/2014 14:00	1,137.80	82.04	70.8	9240	3.58	16.3	15,228,000.00	621.467
12/30/2014 15:00	1,141.80	82.00	70.8	9240	3.55	16.3	15,258,000.00	621.402
12/30/2014 16:00	1,144.10	82.04	70.8	9240	3.55	16.3	15,186,000.00	621.696
12/30/2014 17:00	1,145.20	82.06	70.8	9240	3.56	16.3	15,162,000.00	621.755
12/30/2014 18:00	1,136.90	81.98	70.8	9240	3.66	16.3	15,570,000.00	620.458
12/30/2014 19:00	1,160.70	81.69	70.8	9240	3.58	16.3	15,420,000.00	618.596
12/30/2014 20:00	1,156.20	81.63	70.8	9240	3.51	16.3	15,264,000.00	621.951
12/30/2014 21:00	1,151.10	81.56	70.8	9240	3.56	16.3	15,402,000.00	620.213
12/30/2014 22:00	1,154.90	81.55	70.8	9240	3.49	16.3	14,922,000.00	620.931
12/30/2014 23:00	1,125.30	81.39	70.8	9240	3.52	16.3	14,976,000.00	624.028
12/31/2014 0:00	1,129.40	81.33	70.8	9240	3.57	16.3	14,982,000.00	621.950
12/31/2014 1:00	1,123.40	81.33	70.8	9240	3.51	16.3	14,838,000.00	621.739
12/31/2014 2:00	1,119.00	81.40	70.8	9240	3.48	16.3	14,772,000.00	621.589
12/31/2014 3:00	1,114.00	81.38	70.8	9240	3.42	16.3	14,904,000.00	621.874
12/31/2014 4:00	1,130.40	81.37	70.8	9240	3.59	16.3	15,114,000.00	621.324
12/31/2014 5:00	1,133.30	81.72	70.8	9240	3.57	16.3	15,018,000.00	623.408
12/31/2014 6:00	1,126.10	81.81	70.8	9240	3.51	16.3	15,180,000.00	623.287
12/31/2014 7:00	1,144.80	81.83	70.8	9240	3.51	16.3	15,294,000.00	623.239
12/31/2014 8:00	1,153.40	81.77	70.8	9240	3.59	16.3	15,810,000.00	622.649
12/31/2014 9:00	1,185.50	81.80	70.8	9240	3.53	16.3	15,834,000.00	622.401
12/31/2014 10:00	1,194.10	81.78	70.8	9240	3.57	16.3	15,594,000.00	621.977
12/31/2014 11:00	1,169.30	81.80	70.8	9240	3.54	16.3	15,432,000.00	622.150
12/31/2014 12:00	1,163.80	81.73	70.8	9240	3.59	16.3	15,618,000.00	621.527
12/31/2014 13:00	1,171.10	81.76	70.8	9240	3.47	16.3	15,252,000.00	622.177
12/31/2014 14:00	1,150.20	81.80	70.8	9240	3.57	16.3	15,456,000.00	622.279
12/31/2014 15:00	1,158.90	81.71	70.8	9240	3.54	16.3	15,540,000.00	621.707
12/31/2014 16:00	1,171.90	81.76	70.8	9240	3.5	16.3	15,366,000.00	622.217
12/31/2014 17:00	1,158.80	81.80	70.8	9240	3.54	16.3	15,288,000.00	622.283
12/31/2014 18:00	1,152.90	81.85	70.8	9240	3.54	16.3	15,582,000.00	622.590
12/31/2014 19:00	1,175.10	81.49	70.8	9240	3.54	16.3	15,516,000.00	619.987
12/31/2014 20:00	1,170.10	81.44	70.8	9240	3.52	16.3	15,510,000.00	620.543

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
12/31/2014 21:00	1,169.70	81.46	70.8	9240	3.53	16.3	15,426,000.00	619.802
12/31/2014 22:00	1,163.30	81.50	70.8	9240	3.54	16.3	15,096,000.00	620.284
12/31/2014 23:00	1,138.50	81.46	70.8	9240	3.56	16.3	15,144,000.00	619.746
1/1/2015 0:00	1,135.50	81.45	70.8	9240	3.52	16.3	15,150,000.00	618.302
1/1/2015 1:00	1,142.50	81.45	70.8	9240	3.52	16.3	15,042,000.00	618.479
1/1/2015 2:00	1,134.40	81.50	70.8	9240	3.52	16.3	15,006,000.00	618.609
1/1/2015 3:00	1,131.70	81.39	70.8	9240	3.51	16.3	15,000,000.00	618.012
1/1/2015 4:00	1,131.20	81.44	70.8	9240	3.52	16.3	15,084,000.00	618.042
1/1/2015 5:00	1,137.60	81.41	70.8	9240	3.54	16.3	15,066,000.00	617.290
1/1/2015 6:00	1,136.20	81.50	70.8	9240	3.51	16.3	15,078,000.00	618.946
1/1/2015 7:00	1,137.10	81.43	70.8	9240	3.48	16.3	14,970,000.00	617.869
1/1/2015 8:00	1,129.00	81.37	70.8	9240	3.5	16.3	14,976,000.00	617.704
1/1/2015 9:00	1,129.40	81.38	70.8	9240	3.5	16.3	15,024,000.00	618.565
1/1/2015 10:00	1,133.00	81.42	70.8	9240	3.52	16.3	15,036,000.00	619.479
1/1/2015 11:00	1,133.90	81.30	70.8	9240	3.52	16.3	15,156,000.00	619.289
1/1/2015 12:00	1,143.00	81.27	70.8	9240	4.31	16.3	15,900,000.00	621.149
1/1/2015 13:00	1,144.00	81.33	70.8	9240	3.76	16.3	15,102,000.00	622.298
1/1/2015 14:00	1,119.30	81.42	70.8	9240	3.53	16.3	15,168,000.00	626.077
1/1/2015 15:00	1,143.90	81.28	70.8	9240	3.5	16.3	15,090,000.00	623.770
1/1/2015 16:00	1,138.00	81.30	70.8	9240	3.52	16.3	14,982,000.00	623.547
1/1/2015 17:00	1,129.90	81.37	70.8	9240	3.52	16.3	15,150,000.00	623.835
1/1/2015 18:00	1,142.50	81.44	70.8	9240	3.52	16.3	15,060,000.00	623.860
1/1/2015 19:00	1,135.70	81.40	70.8	9240	3.51	16.3	15,048,000.00	622.994
1/1/2015 20:00	1,134.80	81.40	70.8	9240	3.49	16.3	15,024,000.00	622.882
1/1/2015 21:00	1,133.00	81.39	70.8	9240	3.5	16.3	15,018,000.00	622.487
1/1/2015 22:00	1,132.60	81.47	70.8	9240	3.5	16.3	15,012,000.00	623.154
1/1/2015 23:00	1,132.10	81.40	70.8	9240	3.52	16.3	15,408,000.00	621.627
1/2/2015 0:00	1,162.00	81.42	70.8	9240	3.58	16.3	15,486,000.00	622.235
1/2/2015 1:00	1,161.20	81.42	70.8	9240	3.52	16.3	15,366,000.00	622.671
1/2/2015 2:00	1,158.80	81.45	70.8	9240	3.53	16.3	15,354,000.00	622.855
1/2/2015 3:00	1,157.90	81.40	70.8	9240	3.51	16.3	15,012,000.00	622.532
1/2/2015 4:00	1,132.10	81.46	70.8	9240	3.5	16.3	15,030,000.00	623.315
1/2/2015 5:00	1,133.50	81.44	70.8	9240	3.5	16.3	14,976,000.00	622.120
1/2/2015 6:00	1,129.40	81.68	70.8	9240	3.5	16.3	15,150,000.00	624.630
1/2/2015 7:00	1,142.50	81.83	70.8	9240	3.55	16.3	15,204,000.00	625.878
1/2/2015 8:00	1,140.00	81.76	70.8	9240	3.49	16.3	15,240,000.00	625.790
1/2/2015 9:00	1,149.30	81.87	70.8	9240	3.49	16.3	15,354,000.00	626.648
1/2/2015 10:00	1,157.90	81.87	70.8	9240	3.47	16.3	15,372,000.00	627.668
1/2/2015 11:00	1,159.30	81.78	70.8	9240	3.53	16.3	15,528,000.00	627.798
1/2/2015 12:00	1,171.00	81.76	70.8	9240	3.58	16.3	15,774,000.00	628.959
1/2/2015 13:00	1,182.80	81.82	70.8	9240	3.56	16.3	15,738,000.00	631.410
1/2/2015 14:00	1,180.10	81.79	70.8	9240	3.58	16.3	15,420,000.00	632.316
1/2/2015 15:00	1,156.20	81.83	70.8	9240	3.56	16.3	15,636,000.00	630.983
1/2/2015 16:00	1,172.40	81.89	70.8	9240	3.6	16.3	15,438,000.00	627.534
1/2/2015 17:00	1,157.60	81.97	70.8	9240	3.42	16.3	15,114,000.00	627.648
1/2/2015 18:00	1,146.40	81.98	70.8	9240	3.52	16.3	14,946,000.00	627.106
1/2/2015 19:00	1,127.10	81.69	70.8	9240	3.6	16.3	15,018,000.00	624.789
1/2/2015 20:00	1,126.10	81.52	70.8	9240	3.55	16.3	15,006,000.00	622.862
1/2/2015 21:00	1,125.20	81.44	70.8	9240	3.53	16.3	15,126,000.00	621.340
1/2/2015 22:00	1,140.70	81.51	70.8	9240	3.59	16.3	15,468,000.00	621.394
1/2/2015 23:00	1,159.80	81.53	70.8	9240	3.55	16.3	15,378,000.00	622.183
1/3/2015 0:00	1,153.10	81.58	70.8	9240	3.53	16.3	15,438,000.00	622.792
1/3/2015 1:00	1,164.30	81.60	70.8	9240	3.55	16.3	14,934,000.00	622.386
1/3/2015 2:00	1,126.20	81.65	70.8	9240	3.52	16.3	14,880,000.00	623.043
1/3/2015 3:00	1,122.20	81.57	70.8	9240	3.52	16.3	14,874,000.00	621.785
1/3/2015 4:00	1,121.70	81.57	70.8	9240	3.54	16.3	14,958,000.00	621.431
1/3/2015 5:00	1,128.10	81.60	70.8	9240	3.54	16.3	15,030,000.00	621.946
1/3/2015 6:00	1,133.50	81.79	70.8	9240	3.56	16.3	15,066,000.00	623.148
1/3/2015 7:00	1,129.70	81.80	70.8	9240	3.53	16.3	15,258,000.00	623.982
1/3/2015 8:00	1,150.70	81.77	70.8	9240	3.45	16.3	15,204,000.00	624.286
1/3/2015 9:00	1,146.60	81.85	70.8	9240	3.56	16.3	15,378,000.00	626.757
1/3/2015 10:00	1,153.10	81.83	70.8	9240	3.52	16.3	15,348,000.00	627.664
1/3/2015 11:00	1,157.50	81.89	70.8	9240	3.56	16.3	15,294,000.00	627.843
1/3/2015 12:00	1,146.80	81.97	70.8	9240	3.51	16.3	15,186,000.00	627.184
1/3/2015 13:00	1,145.20	81.98	70.8	9240	3.54	16.3	15,198,000.00	627.483
1/3/2015 14:00	1,146.20	81.94	70.8	9240	3.53	16.3	15,084,000.00	627.354
1/3/2015 15:00	1,137.60	81.66	70.8	9240	3.54	16.3	14,976,000.00	624.911
1/3/2015 16:00	1,129.40	81.60	70.8	9240	3.53	16.3	14,928,000.00	624.881
1/3/2015 17:00	1,125.80	81.68	70.8	9240	3.56	16.3	15,072,000.00	625.319
1/3/2015 18:00	1,130.10	81.74	70.8	9240	3.57	16.3	15,474,000.00	625.167
1/3/2015 19:00	1,160.30	81.66	70.8	9240	3.54	16.3	15,546,000.00	623.630
1/3/2015 20:00	1,172.40	81.68	70.8	9240	3.55	16.3	15,468,000.00	624.985
1/3/2015 21:00	1,159.80	81.70	70.8	9240	3.57	16.3	15,048,000.00	623.697
1/3/2015 22:00	1,128.30	81.74	70.8	9240	3.56	16.3	15,126,000.00	624.719
1/3/2015 23:00	1,134.20	81.76	70.8	9240	3.54	16.3	15,048,000.00	624.057

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
1/4/2015 0:00	1,134.80	81.75	70.8	9240	3.53	16.3	15,078,000.00	623.143
1/4/2015 1:00	1,137.10	81.70	70.8	9240	3.53	16.3	15,132,000.00	622.436
1/4/2015 2:00	1,141.20	81.71	70.8	9240	3.56	16.3	15,186,000.00	622.968
1/4/2015 3:00	1,138.70	81.68	70.8	9240	3.54	16.3	15,168,000.00	622.812
1/4/2015 4:00	1,143.90	81.67	70.8	9240	3.59	16.3	15,294,000.00	622.359
1/4/2015 5:00	1,146.80	81.61	70.8	9240	3.64	16.3	15,186,000.00	622.110
1/4/2015 6:00	1,138.70	81.70	70.8	9240	3.55	16.3	15,228,000.00	623.761
1/4/2015 7:00	1,148.40	81.59	70.8	9240	3.51	16.3	15,060,000.00	622.755
1/4/2015 8:00	1,135.70	81.54	70.8	9240	3.52	16.3	14,838,000.00	622.735
1/4/2015 9:00	1,119.00	81.61	70.8	9240	3.55	16.3	14,976,000.00	623.893
1/4/2015 10:00	1,129.40	81.65	70.8	9240	3.55	16.3	14,928,000.00	624.812
1/4/2015 11:00	1,119.30	81.69	70.8	9240	3.55	16.3	15,024,000.00	624.993
1/4/2015 12:00	1,126.50	81.64	70.8	9240	3.56	16.3	15,180,000.00	626.021
1/4/2015 13:00	1,138.20	81.68	70.8	9240	3.57	16.3	15,210,000.00	626.942
1/4/2015 14:00	1,140.50	81.69	70.8	9240	3.55	16.3	15,336,000.00	626.810
1/4/2015 15:00	1,149.90	81.60	70.8	9240	3.51	16.3	15,294,000.00	626.733
1/4/2015 16:00	1,153.40	81.66	70.8	9240	3.55	16.3	15,600,000.00	626.317
1/4/2015 17:00	1,169.70	81.74	70.8	9240	3.52	16.3	15,576,000.00	622.602
1/4/2015 18:00	1,174.70	81.75	70.8	9240	3.58	16.3	15,840,000.00	622.203
1/4/2015 19:00	1,187.70	81.65	70.8	9240	3.54	16.3	15,750,000.00	622.001
1/4/2015 20:00	1,187.80	81.70	70.8	9240	3.51	16.3	15,582,000.00	623.228
1/4/2015 21:00	1,175.10	81.71	70.8	9240	3.57	16.3	15,324,000.00	622.866
1/4/2015 22:00	1,149.00	81.72	70.8	9240	3.56	16.3	15,156,000.00	623.276
1/4/2015 23:00	1,136.40	81.64	70.8	9240	3.52	16.3	15,066,000.00	621.689
1/5/2015 0:00	1,136.20	81.69	70.8	9240	3.52	16.3	15,132,000.00	622.204
1/5/2015 1:00	1,141.20	81.69	70.8	9240	3.52	16.3	15,030,000.00	620.072
1/5/2015 2:00	1,133.50	81.57	70.8	9240	3.52	16.3	15,054,000.00	620.085
1/5/2015 3:00	1,135.30	81.47	70.8	9240	3.5	16.3	15,186,000.00	617.067
1/5/2015 4:00	1,145.20	81.46	70.8	9240	3.53	16.3	15,162,000.00	618.171
1/5/2015 5:00	1,143.40	81.69	70.8	9240	3.51	16.3	15,024,000.00	621.412
1/5/2015 6:00	1,133.00	81.72	70.8	9240	3.52	16.3	15,168,000.00	620.832
1/5/2015 7:00	1,143.90	81.82	70.8	9240	3.51	16.3	15,306,000.00	620.907
1/5/2015 8:00	1,154.30	81.73	70.8	9240	3.52	16.3	15,348,000.00	619.355
1/5/2015 9:00	1,157.50	81.70	70.8	9240	3.48	16.3	15,378,000.00	619.713
1/5/2015 10:00	1,159.70	81.83	70.8	9240	3.51	16.3	15,258,000.00	620.752
1/5/2015 11:00	1,150.70	81.79	70.8	9240	3.55	16.3	15,024,000.00	620.025
1/5/2015 12:00	1,126.50	81.92	70.8	9240	3.41	16.3	14,970,000.00	621.883
1/5/2015 13:00	1,135.40	81.73	70.8	9240	3.48	16.3	15,162,000.00	621.080
1/5/2015 14:00	1,143.40	81.77	70.8	9240	3.48	16.3	15,126,000.00	621.785
1/5/2015 15:00	1,140.70	81.73	70.8	9240	3.48	16.3	15,162,000.00	621.130
1/5/2015 16:00	1,143.40	81.67	70.8	9240	3.45	16.3	15,234,000.00	621.351
1/5/2015 17:00	1,148.90	81.77	71.4	9240	3.49	16.3	17,382,000.00	621.279
1/5/2015 18:00	1,310.90	82.36	84.4	9240	3.51	16.3	15,012,000.00	624.780
1/5/2015 19:00	1,132.10	95.50	70.8	9240	3.54	16.3	15,366,000.00	735.169
1/5/2015 20:00	1,158.80	81.44	70.8	9240	3.53	16.3	15,474,000.00	617.009
1/5/2015 21:00	1,167.00	81.50	70.8	9240	3.49	16.3	15,282,000.00	618.292
1/5/2015 22:00	1,152.50	81.53	70.8	9240	3.53	16.3	15,294,000.00	617.054
1/5/2015 23:00	1,153.40	81.49	70.8	9240	3.5	16.3	14,988,000.00	616.848
1/6/2015 0:00	1,130.30	81.49	70.8	9240	3.51	16.3	15,048,000.00	616.856
1/6/2015 1:00	1,134.80	81.45	70.8	9240	3.51	16.3	15,036,000.00	616.211
1/6/2015 2:00	1,133.90	81.49	70.8	9240	3.52	16.3	15,012,000.00	615.807
1/6/2015 3:00	1,132.10	81.49	70.8	9240	3.48	16.3	14,988,000.00	615.594
1/6/2015 4:00	1,130.30	81.56	70.8	9240	3.53	16.3	15,090,000.00	616.026
1/6/2015 5:00	1,138.00	81.85	70.9	9240	3.51	16.3	15,114,000.00	618.736
1/6/2015 6:00	1,139.80	81.97	71.5	9240	3.45	16.3	15,972,000.00	619.081
1/6/2015 7:00	1,211.40	82.72	75.6	9240	3.48	16.3	16,008,000.00	625.136
1/6/2015 8:00	1,207.20	86.76	75.8	9240	3.52	16.3	15,270,000.00	656.924
1/6/2015 9:00	1,151.60	87.00	71.2	9240	3.5	16.3	15,150,000.00	660.852
1/6/2015 10:00	1,142.50	82.29	70.8	9240	3.48	16.3	15,108,000.00	626.771
1/6/2015 11:00	1,139.40	81.80	70.8	9240	3.52	16.3	15,396,000.00	625.380
1/6/2015 12:00	1,161.10	81.64	70.8	9240	3.58	16.3	15,360,000.00	626.836
1/6/2015 13:00	1,151.70	81.80	70.8	9240	3.51	16.3	15,060,000.00	627.436
1/6/2015 14:00	1,135.70	81.77	70.8	9240	3.54	16.3	14,934,000.00	626.362
1/6/2015 15:00	1,126.20	81.64	70.8	9240	3.51	16.3	14,916,000.00	624.633
1/6/2015 16:00	1,124.90	81.64	70.8	9240	3.49	16.3	15,306,000.00	623.962
1/6/2015 17:00	1,154.30	81.65	70.8	9240	3.58	16.3	15,480,000.00	623.120
1/6/2015 18:00	1,160.70	81.82	70.8	9240	5.7	16.3	15,312,000.00	624.016
1/6/2015 19:00	1,008.70	81.54	70.8	9240	7.9	16.3	15,042,000.00	621.256
1/6/2015 20:00	847.5	81.54	70.8	9240	7.86	16.3	14,868,000.00	621.378
1/6/2015 21:00	837.7	81.49	70.8	9240	7.88	16.3	14,532,000.00	619.746
1/6/2015 22:00	818.8	81.49	70.8	9240	7.86	16.3	14,610,000.00	619.726
1/6/2015 23:00	823.2	81.46	70.8	9240	7.88	16.3	14,616,000.00	618.474
1/7/2015 0:00	823.5	81.46	70.8	9240	7.88	16.3	14,658,000.00	617.898
1/7/2015 1:00	825.9	81.45	70.8	9240	7.89	16.3	14,706,000.00	616.904
1/7/2015 2:00	828.6	81.40	70.8	9240	7.9	16.3	14,718,000.00	616.018



Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
1/7/2015 3:00	829.3	81.32	70.8	9240	7.86	16.3	14,838,000.00	618.339
1/7/2015 4:00	836	81.49	71.5	9240	7.83	16.3	16,866,000.00	617.846
1/7/2015 5:00	1,111.10	82.43	85.5	9240	0	16.3	14,682,000.00	622.802
1/7/2015 6:00	967.2	96.73	70.8	9240	0	16.3	14,742,000.00	748.006
1/7/2015 7:00	971.2	81.80	70.8	9240	0	16.3	14,934,000.00	615.984
1/7/2015 8:00	983.8	81.65	70.8	9240	3.42	16.3	14,856,000.00	617.037
1/7/2015 9:00	1,126.80	81.80	70.8	9240	3.48	16.3	14,730,000.00	618.687
1/7/2015 10:00	1,110.90	81.62	70.8	9240	3.45	16.3	14,760,000.00	617.646
1/7/2015 11:00	1,113.10	81.63	70.8	9240	3.45	16.3	14,772,000.00	618.435
1/7/2015 12:00	1,114.00	81.66	70.8	9240	3.5	16.3	14,790,000.00	619.617
1/7/2015 13:00	1,115.40	81.67	70.8	9240	3.44	16.3	14,568,000.00	620.307
1/7/2015 14:00	1,105.00	81.57	70.8	9240	3.46	16.3	14,688,000.00	618.954
1/7/2015 15:00	1,107.70	81.55	70.8	9240	3.44	16.3	14,712,000.00	619.851
1/7/2015 16:00	1,115.90	81.56	70.8	9240	3.47	16.3	14,880,000.00	620.329
1/7/2015 17:00	1,122.20	81.56	70.8	9240	3.45	16.3	15,078,000.00	620.212
1/7/2015 18:00	1,143.60	81.65	70.8	9240	3.53	16.3	15,162,000.00	619.727
1/7/2015 19:00	1,143.40	81.44	70.8	9240	3.46	16.3	15,060,000.00	619.356
1/7/2015 20:00	1,135.70	81.37	70.8	9240	3.48	16.3	14,874,000.00	617.740
1/7/2015 21:00	1,121.70	81.43	70.8	9240	3.42	16.3	14,592,000.00	617.569
1/7/2015 22:00	1,106.80	81.44	70.8	9240	3.44	16.3	14,622,000.00	616.459
1/7/2015 23:00	1,109.10	81.48	70.8	9240	3.41	16.3	14,598,000.00	614.785
1/8/2015 0:00	1,107.20	81.43	70.8	9240	3.44	16.3	14,652,000.00	613.537
1/8/2015 1:00	1,111.30	81.54	70.8	9240	3.48	16.3	14,610,000.00	614.259
1/8/2015 2:00	1,101.80	81.49	70.8	9240	3.47	16.3	14,670,000.00	613.423
1/8/2015 3:00	1,106.30	81.05	70.8	9240	3.45	16.3	14,766,000.00	611.496
1/8/2015 4:00	1,113.60	81.11	70.8	9240	3.46	16.3	17,448,000.00	611.850
1/8/2015 5:00	1,315.80	81.36	86.1	9240	3.43	16.3	18,810,000.00	614.157
1/8/2015 6:00	1,426.70	96.92	98.9	9240	3.42	16.3	18,678,000.00	740.610
1/8/2015 7:00	1,416.70	109.97	99.3	9240	3.45	16.3	16,554,000.00	854.447
1/8/2015 8:00	1,248.40	110.38	84.4	9240	3.39	16.3	14,616,000.00	857.933
1/8/2015 9:00	1,108.60	95.00	71.2	9240	3.4	16.3	14,724,000.00	726.722
1/8/2015 10:00	1,116.80	81.82	70.8	9240	3.44	16.3	14,910,000.00	616.367
1/8/2015 11:00	1,130.90	81.41	70.8	9240	3.45	16.3	14,946,000.00	616.519
1/8/2015 12:00	1,127.10	81.38	70.8	9240	3.44	16.3	14,904,000.00	617.468
1/8/2015 13:00	1,130.40	81.29	70.8	9240	3.48	16.3	15,030,000.00	617.749
1/8/2015 14:00	1,133.50	81.29	71.6	9240	3.43	16.3	14,868,000.00	618.300
1/8/2015 15:00	1,127.70	82.11	70.8	9240	3.4	16.3	15,114,000.00	625.840
1/8/2015 16:00	1,146.40	81.35	71.3	9240	3.38	16.3	19,266,000.00	619.681
1/8/2015 17:00	1,461.30	81.88	98.7	9240	3.43	16.3	19,224,000.00	623.490
1/8/2015 18:00	1,458.10	109.92	100.8	9240	3.49	16.3	17,130,000.00	862.721
1/8/2015 19:00	1,291.90	111.81	85.3	9240	3.53	16.3	15,840,000.00	878.004
1/8/2015 20:00	1,194.60	95.81	74.3	9240	3.54	16.3	15,024,000.00	739.992
1/8/2015 21:00	1,133.00	84.58	70.8	9240	9.83	16.3	12,534,000.00	643.494
1/8/2015 22:00	603	81.05	16.3	9240	13.59	16.3	9,462,000.00	615.408
1/8/2015 23:00	299.4	25.41	-5.6	9240	6.55	16.3	10,182,000.00	246.408
1/9/2015 0:00	631.1	3.52	37.5	9240	3.97	16.3	15,270,000.00	125.381
1/9/2015 1:00	1,118.50	47.06	70.8	9240	3.57	16.3	15,018,000.00	358.681
1/9/2015 2:00	1,126.10	81.13	70.8	9240	3.59	16.3	14,958,000.00	610.614
1/9/2015 3:00	1,121.60	81.09	70.8	9240	3.55	16.3	14,892,000.00	613.909
1/9/2015 4:00	1,116.60	81.07	70.8	9240	3.57	16.3	14,982,000.00	613.900
1/9/2015 5:00	1,123.40	81.24	70.9	9240	3.53	16.3	15,618,000.00	615.761
1/9/2015 6:00	1,177.80	81.49	74.7	9240	3.55	16.3	14,802,000.00	618.261
1/9/2015 7:00	1,116.30	85.54	70.8	9240	3.55	16.3	15,174,000.00	650.026
1/9/2015 8:00	1,137.80	81.35	70.8	9240	3.55	16.3	15,528,000.00	616.544
1/9/2015 9:00	1,164.30	81.41	70.8	9240	3.56	16.3	15,240,000.00	618.729
1/9/2015 10:00	1,142.70	81.28	70.8	9240	3.62	16.3	15,402,000.00	619.181
1/9/2015 11:00	1,154.90	81.18	70.8	9240	3.58	16.3	15,312,000.00	619.762
1/9/2015 12:00	1,148.10	81.25	70.8	9240	3.6	16.3	15,450,000.00	621.619
1/9/2015 13:00	1,158.50	81.52	70.8	9240	3.64	16.3	15,150,000.00	619.924
1/9/2015 14:00	1,136.00	81.40	70.8	9240	3.57	16.3	14,838,000.00	617.556
1/9/2015 15:00	1,112.60	81.40	70.8	9240	3.51	16.3	14,904,000.00	617.371
1/9/2015 16:00	1,124.00	81.33	70.8	9240	3.56	16.3	15,390,000.00	616.444
1/9/2015 17:00	1,154.00	81.36	70.8	9240	3.59	16.3	15,690,000.00	616.959
1/9/2015 18:00	1,176.50	81.61	70.8	9240	3.61	16.3	15,366,000.00	618.865
1/9/2015 19:00	1,152.20	81.50	70.8	9240	3.58	16.3	15,288,000.00	619.037
1/9/2015 20:00	1,146.30	81.40	70.8	9240	3.59	16.3	15,102,000.00	617.892
1/9/2015 21:00	1,132.40	81.40	70.8	9240	3.58	16.3	14,940,000.00	617.230
1/9/2015 22:00	1,120.20	81.41	70.8	9240	3.56	16.3	14,952,000.00	616.790
1/9/2015 23:00	1,121.10	81.41	70.8	9240	3.56	16.3	14,934,000.00	616.242
1/10/2015 0:00	1,119.80	81.41	70.8	9240	3.57	16.3	15,000,000.00	615.617
1/10/2015 1:00	1,124.70	81.39	70.8	9240	3.54	16.3	14,910,000.00	615.087
1/10/2015 2:00	1,124.40	81.44	70.8	9240	3.57	16.3	14,946,000.00	616.125
1/10/2015 3:00	1,120.70	81.38	70.8	9240	3.57	16.3	15,066,000.00	614.444
1/10/2015 4:00	1,129.70	81.38	70.8	9240	3.61	16.3	15,018,000.00	614.545
1/10/2015 5:00	1,126.10	81.44	70.8	9240	3.55	16.3	14,988,000.00	614.302

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
1/10/2015 6:00	1,130.30	81.51	70.8	9240	3.55	16.3	14,946,000.00	615.316
1/10/2015 7:00	1,127.10	81.47	70.8	9240	3.55	16.3	14,916,000.00	614.748
1/10/2015 8:00	1,118.40	81.38	70.8	9240	3.51	16.3	15,036,000.00	613.924
1/10/2015 9:00	1,133.90	81.33	70.8	9240	3.56	16.3	15,042,000.00	613.634
1/10/2015 10:00	1,127.90	81.36	70.8	9240	3.58	16.3	15,324,000.00	614.362
1/10/2015 11:00	1,149.00	81.26	70.8	9240	3.6	16.3	15,198,000.00	614.879
1/10/2015 12:00	1,139.60	81.14	70.8	9240	3.57	16.3	15,018,000.00	615.999
1/10/2015 13:00	1,126.10	81.25	70.8	9240	3.54	16.3	14,970,000.00	618.026
1/10/2015 14:00	1,129.00	81.14	70.8	9240	3.56	16.3	14,928,000.00	618.046
1/10/2015 15:00	1,119.30	81.07	70.8	9240	3.56	16.3	14,910,000.00	618.124
1/10/2015 16:00	1,118.00	81.19	70.8	9240	3.54	16.3	15,054,000.00	619.583
1/10/2015 17:00	1,135.30	81.30	70.8	9240	3.57	16.3	15,384,000.00	620.201
1/10/2015 18:00	1,153.50	81.42	70.8	9240	3.54	16.3	15,438,000.00	621.410
1/10/2015 19:00	1,164.30	81.41	70.8	9240	3.5	16.3	15,018,000.00	622.199
1/10/2015 20:00	1,132.60	81.47	70.8	9240	3.51	16.3	15,450,000.00	621.239
1/10/2015 21:00	1,165.20	81.52	70.8	9240	3.57	16.3	15,042,000.00	620.761
1/10/2015 22:00	1,127.90	81.49	70.8	9240	3.56	16.3	15,060,000.00	621.100
1/10/2015 23:00	1,129.20	81.56	70.8	9240	3.5	16.3	15,024,000.00	618.575
1/11/2015 0:00	1,133.00	81.52	70.8	9240	3.51	16.3	15,066,000.00	618.500
1/11/2015 1:00	1,136.20	81.50	70.8	9240	3.52	16.3	15,018,000.00	618.464
1/11/2015 2:00	1,132.60	81.43	70.8	9240	3.5	16.3	15,036,000.00	618.224
1/11/2015 3:00	1,133.90	81.42	70.8	9240	3.52	16.3	15,036,000.00	618.392
1/11/2015 4:00	1,133.90	81.45	70.8	9240	3.51	16.3	15,018,000.00	618.613
1/11/2015 5:00	1,132.60	81.50	70.8	9240	3.48	16.3	15,036,000.00	618.736
1/11/2015 6:00	1,133.90	81.49	70.8	9240	3.51	16.3	15,060,000.00	618.262
1/11/2015 7:00	1,135.70	81.44	70.8	9240	3.51	16.3	15,042,000.00	617.920
1/11/2015 8:00	1,134.40	81.38	70.8	9240	3.5	16.3	15,108,000.00	617.789
1/11/2015 9:00	1,139.40	81.41	70.8	9240	3.5	16.3	15,120,000.00	618.232
1/11/2015 10:00	1,140.30	81.33	70.8	9240	3.55	16.3	15,372,000.00	618.950
1/11/2015 11:00	1,159.30	81.31	70.8	9240	3.49	16.3	15,450,000.00	620.136
1/11/2015 12:00	1,165.20	81.22	70.8	9240	3.5	16.3	14,736,000.00	620.977
1/11/2015 13:00	1,111.30	81.33	70.8	9240	3.51	16.3	14,652,000.00	624.906
1/11/2015 14:00	1,105.00	81.40	70.8	9240	3.5	16.3	14,634,000.00	621.069
1/11/2015 15:00	1,103.60	81.39	70.8	9240	3.46	16.3	14,622,000.00	621.423
1/11/2015 16:00	1,102.70	81.41	70.8	9240	3.47	16.3	14,880,000.00	621.645
1/11/2015 17:00	1,122.20	81.46	70.8	9240	3.53	16.3	15,204,000.00	622.103
1/11/2015 18:00	1,146.60	81.59	70.8	9240	3.5	16.3	15,174,000.00	622.936
1/11/2015 19:00	1,144.30	81.68	70.8	9240	3.52	16.3	15,054,000.00	624.234
1/11/2015 20:00	1,135.30	81.72	70.8	9240	9.92	16.3	11,022,000.00	623.795
1/11/2015 21:00	525.5	81.75	19.9	9240	7.14	16.3	8,808,000.00	623.868
1/11/2015 22:00	526.8	29.89	28.3	9240	4.29	16.3	13,578,000.00	283.076
1/11/2015 23:00	976.9	38.41	60.6	9240	3.58	16.3	14,904,000.00	303.386
1/12/2015 0:00	0	71.31	-2.2		0	16.3	0	542.318
1/12/2015 1:00	0	59.10	-3.7		0	16.3	0	457.162
1/12/2015 2:00	0	0.01	-1.6		0	16.3	0	1.567
1/12/2015 3:00	0	-0.01	-1.7		0	16.3	0	1.798
1/12/2015 4:00	0	-0.01	-2.3		0	16.3	0	1.785
1/12/2015 5:00	64.3	-0.01	-2.8	9240	17.6	16.3	10,788,000.00	2.249
1/12/2015 6:00	154.3	-0.01	-8.0	9240	15.2	16.3	24,274,993.00	2.415
1/12/2015 7:00	599.7	-0.01	-8.2	9240	5.5	16.3	24,274,993.00	2.053
1/12/2015 8:00	1,620.30	1.26	20.5	9240	4.27	16.3	24,274,993.00	104.149
1/12/2015 9:00	1,746.50	31.27	54.6	9240	3.27	16.3	24,274,993.00	382.358
1/12/2015 10:00	1,851.70	65.47	71.9	9240	3.26	16.3	15,720,000.00	498.960
1/12/2015 11:00	1,199.10	83.16	72.0	9240	3.26	16.3	15,618,000.00	637.588
1/12/2015 12:00	1,191.40	83.19	71.9	9240	3.24	16.3	15,648,000.00	633.390
1/12/2015 13:00	1,200.40	83.20	72.0	9240	3.24	16.3	15,732,000.00	632.652
1/12/2015 14:00	1,206.90	83.18	72.0	9240	3.37	16.3	16,116,000.00	632.038
1/12/2015 15:00	1,222.40	83.17	71.9	9240	3.42	16.3	16,662,000.00	630.722
1/12/2015 16:00	1,263.80	83.18	71.9	9240	3.39	16.3	16,470,000.00	629.489
1/12/2015 17:00	1,249.20	83.09	71.8	9240	3.39	16.3	16,218,000.00	628.225
1/12/2015 18:00	1,230.10	83.10	71.8	9240	3.52	16.3	16,734,000.00	628.504
1/12/2015 19:00	1,262.00	83.08	71.8	9240	3.3	16.3	15,654,000.00	629.029
1/12/2015 20:00	1,194.10	82.80	71.8	9240	3.27	16.3	15,096,000.00	625.692
1/12/2015 21:00	1,151.50	82.65	71.8	9240	3.26	16.3	14,784,000.00	628.087
1/12/2015 22:00	1,127.70	82.64	71.8	9240	3.28	16.3	14,838,000.00	627.691
1/12/2015 23:00	1,131.90	82.62	71.8	9240	3.27	16.3	14,850,000.00	626.212
1/13/2015 0:00	1,132.80	82.59	71.8	9240	3.28	16.3	14,772,000.00	625.348
1/13/2015 1:00	1,126.80	82.60	71.8	9240	3.3	16.3	14,814,000.00	626.123
1/13/2015 2:00	1,130.00	82.57	71.8	9240	3.28	16.3	14,838,000.00	624.682
1/13/2015 3:00	1,131.90	82.54	71.8	9240	3.28	16.3	14,856,000.00	624.839
1/13/2015 4:00	1,133.20	82.60	71.8	9240	3.35	16.3	15,000,000.00	625.462
1/13/2015 5:00	1,144.20	82.80	71.8	9240	3.48	16.3	15,084,000.00	628.075
1/13/2015 6:00	1,137.60	82.86	71.8	9240	3.5	16.3	15,168,000.00	628.717
1/13/2015 7:00	1,143.90	82.95	71.8	9240	3.52	16.3	15,540,000.00	629.010
1/13/2015 8:00	1,171.90	82.82	71.8	9240	3.6	16.3	15,816,000.00	628.349

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
1/13/2015 9:00	1,185.90	82.87	71.8	9240	3.53	16.3	15,666,000.00	629.222
1/13/2015 10:00	1,181.40	82.85	71.8	9240	3.55	16.3	15,726,000.00	629.573
1/13/2015 11:00	1,179.20	82.75	71.8	9240	3.56	16.3	15,834,000.00	629.258
1/13/2015 12:00	1,187.30	82.86	71.8	9240	3.54	16.3	15,768,000.00	630.060
1/13/2015 13:00	1,189.10	82.94	71.8	9240	3.55	16.3	15,666,000.00	630.768
1/13/2015 14:00	1,181.40	82.82	71.8	9240	3.58	16.3	15,750,000.00	630.101
1/13/2015 15:00	1,181.00	82.80	71.8	9240	3.57	16.3	15,834,000.00	629.786
1/13/2015 16:00	1,187.30	82.87	71.8	9240	3.53	16.3	15,426,000.00	629.873
1/13/2015 17:00	1,163.30	82.94	71.8	9240	3.55	16.3	15,546,000.00	630.200
1/13/2015 18:00	1,165.70	82.88	71.8	9240	3.61	16.3	15,684,000.00	629.541
1/13/2015 19:00	1,176.00	82.66	71.8	9240	3.53	16.3	15,432,000.00	628.881
1/13/2015 20:00	1,163.80	82.61	71.8	9240	3.5	16.3	15,360,000.00	629.510
1/13/2015 21:00	1,158.40	82.63	71.8	9240	3.5	16.3	15,006,000.00	630.172
1/13/2015 22:00	1,131.70	82.68	71.8	9240	3.49	16.3	15,036,000.00	630.758
1/13/2015 23:00	1,133.90	82.57	71.8	9240	3.49	16.3	15,012,000.00	630.025
1/14/2015 0:00	1,132.10	82.48	71.8	9240	3.52	16.3	15,096,000.00	632.470
1/14/2015 1:00	1,138.50	82.50	71.8	9240	3.51	16.3	15,054,000.00	630.883
1/14/2015 2:00	1,135.30	82.47	71.8	9240	3.47	16.3	14,934,000.00	629.210
1/14/2015 3:00	1,126.20	82.44	71.8	9240	3.49	16.3	15,084,000.00	628.227
1/14/2015 4:00	1,137.60	82.45	71.8	9240	3.5	16.3	15,090,000.00	627.795
1/14/2015 5:00	1,138.00	82.77	71.8	9240	3.48	16.3	15,066,000.00	629.685
1/14/2015 6:00	1,136.20	82.75	71.8	9240	3.5	16.3	15,120,000.00	629.418
1/14/2015 7:00	1,140.30	82.83	71.8	9240	3.51	16.3	15,624,000.00	629.887
1/14/2015 8:00	1,178.30	82.65	71.8	9240	3.51	16.3	15,714,000.00	628.231
1/14/2015 9:00	1,185.10	82.79	71.8	9240	3.53	16.3	15,636,000.00	629.477
1/14/2015 10:00	1,179.20	82.77	71.8	9240	3.52	16.3	15,540,000.00	628.988
1/14/2015 11:00	1,171.90	82.74	71.8	9240	3.55	16.3	15,594,000.00	628.860
1/14/2015 12:00	1,169.30	82.72	71.8	9240	3.53	16.3	15,666,000.00	628.387
1/14/2015 13:00	1,181.40	82.78	71.8	9240	3.51	16.3	15,546,000.00	629.333
1/14/2015 14:00	1,172.40	82.71	71.8	9240	3.55	16.3	15,564,000.00	629.112
1/14/2015 15:00	1,173.80	82.71	71.8	9240	3.52	16.3	15,570,000.00	628.994
1/14/2015 16:00	1,174.20	82.73	72.4	9240	3.48	16.3	16,656,000.00	629.414
1/14/2015 17:00	1,256.10	83.44	76.8	9240	3.52	16.3	16,758,000.00	634.419
1/14/2015 18:00	1,263.80	87.99	76.8	9240	3.46	16.3	16,440,000.00	671.238
1/14/2015 19:00	1,239.80	87.68	76.8	9240	3.46	16.3	16,302,000.00	669.758
1/14/2015 20:00	1,229.40	87.61	76.8	9240	3.52	16.3	15,606,000.00	668.504
1/14/2015 21:00	1,176.90	87.73	74.1	9240	4.75	16.3	10,308,000.00	668.789
1/14/2015 22:00	719.3	84.83	37.8	9240	4.86	16.3	9,708,000.00	646.045
1/14/2015 23:00	673.2	47.80	-9.7	9240	10.65	16.3	9,138,000.00	414.414
1/15/2015 0:00	0	0.02	-8.6		0	16.3	0	343.183
1/15/2015 1:00	0	-0.01	-7.9		0	16.3	0	76.480
1/15/2015 2:00	0	-0.01	-8.0		0	16.3	0	15.305
1/15/2015 3:00	0	-0.01	-8.0		0	16.3	0	1.315
1/15/2015 4:00	0	-0.01	-6.8		0	16.3	0	0.226
1/15/2015 5:00	0	-0.01	-7.5		0	16.3	0	0.133
1/15/2015 6:00	0	-0.01	-8.0		0	16.3	0	1.129
1/15/2015 7:00	0	-0.01	-7.7		0	16.3	0	1.348
1/15/2015 8:00	0	-0.01	-7.7		0	16.3	0	1.339
1/15/2015 9:00	0	-0.01	-6.0		0	16.3	0	1.470
1/15/2015 10:00	0	-0.01	-5.5		0	16.3	0	1.746
1/15/2015 11:00	0	-0.01	-5.5		0	16.3	0	1.107
1/15/2015 12:00	0	-0.01	-5.5		0	16.3	0	1.894
1/15/2015 13:00	0	-0.01	-5.6		0	16.3	0	1.257
1/15/2015 14:00	0	-0.01	-5.4		0	16.3	0	1.960
1/15/2015 15:00	0	-0.01	-5.5		0	16.3	0	1.746
1/15/2015 16:00	0	-0.01	-5.5		0	16.3	0	2.160
1/15/2015 17:00	0	-0.01	-5.5		0	16.3	0	2.368
1/15/2015 18:00	0	-0.01	-4.8		0	16.3	0	2.080
1/15/2015 19:00	0	-0.01	-4.6		0	16.3	0	1.534
1/15/2015 20:00	0	-0.01	-4.6		0	16.3	0	2.584
1/15/2015 21:00	0	-0.01	-4.6		0	16.3	0	2.789
1/15/2015 22:00	0	-0.01	-4.6		0	16.3	0	2.705
1/15/2015 23:00	0	-0.01	-4.7		0	16.3	0	2.724
1/16/2015 0:00	0	-0.01	-4.7		0	16.3	0	2.843
1/16/2015 1:00	0	-0.01	-4.6		0	16.3	0	2.846
1/16/2015 2:00	0	-0.01	-4.6		0	16.3	0	2.721
1/16/2015 3:00	0	-0.01	-4.8		0	16.3	0	2.573
1/16/2015 4:00	0	-0.01	-5.0		0	16.3	0	2.441
1/16/2015 5:00	0	-0.01	-4.9		0	16.3	0	2.432
1/16/2015 6:00	0	-0.01	-4.3		0	16.3	0	2.467
1/16/2015 7:00	0	-0.01	-1.5		0	16.3	0	2.577
1/16/2015 8:00	0	-0.01	-1.5		0	16.3	0	2.503
1/16/2015 9:00	0	-0.01	-1.4		0	16.3	0	2.649
1/16/2015 10:00	0	-0.01	-1.4		0	16.3	0	2.778
1/16/2015 11:00	0	-0.01	-1.4		0	16.3	0	2.661

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
1/16/2015 12:00	0	-0.01	-2.3		0	16.3	0	2.472
1/16/2015 13:00	0	-0.01	-2.7		0	16.3	0	2.515
1/16/2015 14:00	0	-0.01	-2.7		0	16.3	0	3.523
1/16/2015 15:00	0	-0.01	-1.8		0	16.3	0	3.710
1/16/2015 16:00	0	-0.01	-1.4		0	16.3	0	3.692
1/16/2015 17:00	0	-0.01	-1.3		0	16.3	0	3.648
1/16/2015 18:00	0	-0.01	-1.0		0	16.3	0	3.683
1/16/2015 19:00	0	-0.01	-1.1		0	16.3	0	2.817
1/16/2015 20:00	0	-0.01	-1.1		0	16.3	0	2.105
1/16/2015 21:00	0	-0.01	-1.0		0	16.3	0	2.032
1/16/2015 22:00	0	-0.01	-1.0		0	16.3	0	2.069
1/16/2015 23:00	0	-0.01	-1.1		0	16.3	0	2.258
1/17/2015 0:00	0	-0.01	-1.1		0	16.3	0	2.323
1/17/2015 1:00	0	-0.01	-1.0		0	16.3	0	2.494
1/17/2015 2:00	0	-0.01	-1.1		0	16.3	0	15.239
1/17/2015 3:00	0	-0.01	-1.1		0	16.3	0	18.107
1/17/2015 4:00	0	-0.01	-1.1		0	16.3	0	18.446
1/17/2015 5:00	0	-0.01	-1.1		0	16.3	0	18.524
1/17/2015 6:00	0	-0.01	-1.0		0	16.3	0	18.388
1/17/2015 7:00	0	-0.01	-1.0		0	16.3	0	20.378
1/17/2015 8:00	0	-0.01	-1.0		0	16.3	0	20.282
1/17/2015 9:00	0	-0.01	-0.9		0	16.3	0	18.211
1/17/2015 10:00	0	-0.01	-0.9		0	16.3	0	17.327
1/17/2015 11:00	0	-0.01	-2.0		0	16.3	0	27.283
1/17/2015 12:00	0	-0.01	-2.4		0	16.3	0	28.543
1/17/2015 13:00	0	-0.01	-2.4		0	16.3	0	27.776
1/17/2015 14:00	0	-0.01	-2.4		0	16.3	0	26.593
1/17/2015 15:00	0	-0.01	-2.4		0	16.3	0	26.655
1/17/2015 16:00	0	-0.01	-1.7		0	16.3	0	26.883
1/17/2015 17:00	0	-0.01	-1.1		0	16.3	0	26.513
1/17/2015 18:00	0	-0.01	-1.1		0	16.3	0	26.991
1/17/2015 19:00	0	-0.01	-1.2		0	16.3	0	26.899
1/17/2015 20:00	0	-0.01	-1.2		0	16.3	0	26.371
1/17/2015 21:00	0	-0.01	-1.0		0	16.3	0	26.271
1/17/2015 22:00	0	-0.01	-1.0		0	16.3	0	26.108
1/17/2015 23:00	0	-0.01	-1.1		0	16.3	0	26.117
1/18/2015 0:00	0	-0.01	-1.0		0	16.3	0	26.199
1/18/2015 1:00	0	-0.01	-1.1		0	16.3	0	25.949
1/18/2015 2:00	0	-0.01	-1.9		0	16.3	0	17.559
1/18/2015 3:00	0	-0.01	-2.0		0	16.3	0	0.007
1/18/2015 4:00	0	-0.01	-2.0		0	16.3	0	4.345
1/18/2015 5:00	0	-0.01	-2.0		0	16.3	0	9.001
1/18/2015 6:00	0	-0.01	-1.9		0	16.3	0	7.290
1/18/2015 7:00	0	-0.01	-1.9		0	16.3	0	4.655
1/18/2015 8:00	0	-0.01	-2.3		0	16.3	0	13.266
1/18/2015 9:00	0	-0.01	-2.5		0	16.3	0	16.847
1/18/2015 10:00	0	-0.01	-2.5		0	16.3	0	25.619
1/18/2015 11:00	0	-0.01	-2.5		0	16.3	0	25.070
1/18/2015 12:00	0	-0.01	-2.4		0	16.3	0	24.137
1/18/2015 13:00	0	-0.01	-2.4		0	16.3	0	24.145
1/18/2015 14:00	0	-0.01	-2.4		0	16.3	0	25.250
1/18/2015 15:00	0	-0.01	-2.5		0	16.3	0	24.666
1/18/2015 16:00	0	-0.01	-1.9		0	16.3	0	23.897
1/18/2015 17:00	0	-0.01	-1.1		0	16.3	0	23.984
1/18/2015 18:00	0	-0.01	-1.0		0	16.3	0	24.668
1/18/2015 19:00	0	-0.01	-1.1		0	16.3	0	24.706
1/18/2015 20:00	0	-0.01	-1.1		0	16.3	0	23.381
1/18/2015 21:00	0	-0.01	-1.1		0	16.3	0	6.656
1/18/2015 22:00	0	-0.01	-1.1		0	16.3	0	0.000
1/18/2015 23:00	0	-0.01	-1.8		0	16.3	0	0.964
1/19/2015 0:00	0	-0.01	-2.1		0	16.3	0	0.214
1/19/2015 1:00	0	-0.01	-2.0		0	16.3	0	2.151
1/19/2015 2:00	0	-0.01	-2.0		0	16.3	0	0.000
1/19/2015 3:00	0	-0.01	-2.2		0	16.3	0	0.000
1/19/2015 4:00	0	-0.01	-2.4		0	16.3	0	0.026
1/19/2015 5:00	0	-0.01	-2.4		0	16.3	0	1.420
1/19/2015 6:00	0	-0.01	-2.4		0	16.3	0	5.285
1/19/2015 7:00	0	-0.01	-2.4		0	16.3	0	14.960
1/19/2015 8:00	0	-0.01	-2.4		0	16.3	0	10.649
1/19/2015 9:00	0	-0.01	-2.7		0	16.3	0	12.160
1/19/2015 10:00	0	-0.01	-2.7		0	16.3	0	1.332
1/19/2015 11:00	0	-0.01	-2.7		0	16.3	0	12.115
1/19/2015 12:00	0	-0.01	-2.6		0	16.3	0	23.049
1/19/2015 13:00	0	-0.01	-1.7		0	16.3	0	22.704
1/19/2015 14:00	0	-0.01	-2.0		0	16.3	0	23.855

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
1/19/2015 15:00	0	-0.01	-2.8		0	16.3	0	22.863
1/19/2015 16:00	0	-0.01	-2.9		0	16.3	0	21.911
1/19/2015 17:00	0	-0.01	-1.5		0	16.3	0	22.519
1/19/2015 18:00	0	-0.01	-1.2		0	16.3	0	23.508
1/19/2015 19:00	0	-0.01	-1.2		0	16.3	0	6.373
1/19/2015 20:00	0	-0.01	-2.0		0	16.3	0	0.000
1/19/2015 21:00	0	-0.01	-3.6		0	16.3	0	0.000
1/19/2015 22:00	0	-0.01	-5.7	8710	20.87	16.3	10,632,000.00	0.000
1/19/2015 23:00	1	-0.01	-9.6	8710	19.99	16.3	24,274,993.00	0.000
1/20/2015 0:00	100.5	-0.01	-8.4	8710	19.4	16.3	24,274,993.00	0.000
1/20/2015 1:00	167.4	-0.01	-8.4	8710	19.51	16.3	24,274,993.00	0.268
1/20/2015 2:00	156.3	-0.01	-8.9	8710	18.92	16.3	24,274,993.00	4.690
1/20/2015 3:00	223.2	-0.01	-8.7	8710	18.68	16.3	24,274,993.00	3.303
1/20/2015 4:00	245.6	-0.01	-8.9	8710	18.5	16.3	13,224,000.00	7.106
1/20/2015 5:00	145.9	-0.01	-8.9	8710	18.1	16.3	13,926,000.00	12.556
1/20/2015 6:00	179.3	-0.01	-9.0	8710	17.88	16.3	13,590,000.00	13.440
1/20/2015 7:00	187.5	-0.01	-9.4	8710	17.99	16.3	12,822,000.00	16.263
1/20/2015 8:00	171	-0.01	-9.6	8710	17.4	16.3	13,260,000.00	25.448
1/20/2015 9:00	201.1	-0.01	-9.6	9240	13.85	16.3	12,318,000.00	32.322
1/20/2015 10:00	373.7	-0.01	-9.8	9240	7.85	16.3	8,442,000.00	113.296
1/20/2015 11:00	479.3	-0.01	-10.0	9240	7.87	16.3	8,484,000.00	177.071
1/20/2015 12:00	478	-0.01	-10.0	9240	7.71	16.3	8,460,000.00	266.805
1/20/2015 13:00	484	-0.01	-2.0	9240	6.7	16.3	8,934,000.00	250.291
1/20/2015 14:00	549.8	8.13	22.7	9240	4.48	16.3	12,534,000.00	251.576
1/20/2015 15:00	890.9	32.86	49.4	9240	4.34	16.3	16,056,000.00	282.188
1/20/2015 16:00	1,155.20	60.13	69.6	9240	4.45	16.3	15,870,000.00	492.992
1/20/2015 17:00	1,128.00	80.62	70.8	9240	4.4	16.3	15,666,000.00	629.836
1/20/2015 18:00	1,120.30	81.73	70.8	9240	4.52	16.3	15,906,000.00	619.942
1/20/2015 19:00	1,130.60	81.30	70.8	9240	4.42	16.3	15,378,000.00	613.609
1/20/2015 20:00	1,099.70	81.14	70.8	9240	3.72	16.3	14,694,000.00	616.741
1/20/2015 21:00	1,095.40	81.09	70.8	9240	3.53	16.3	14,832,000.00	615.918
1/20/2015 22:00	1,118.60	81.09	70.8	9240	3.51	16.3	14,838,000.00	615.061
1/20/2015 23:00	1,119.00	80.99	70.8	9240	3.5	16.3	14,826,000.00	615.432
1/21/2015 0:00	1,118.10	81.01	70.8	9240	3.54	16.3	14,586,000.00	615.767
1/21/2015 1:00	1,100.00	80.97	70.8	9240	3.53	16.3	14,472,000.00	616.325
1/21/2015 2:00	1,091.40	80.94	70.8	9240	3.5	16.3	14,310,000.00	615.156
1/21/2015 3:00	1,079.20	81.01	70.8	9240	3.52	16.3	14,388,000.00	614.081
1/21/2015 4:00	1,085.10	81.13	70.8	9240	3.54	16.3	14,244,000.00	613.406
1/21/2015 5:00	1,074.20	81.20	70.9	9240	3.51	16.3	14,274,000.00	613.529
1/21/2015 6:00	1,076.50	81.35	70.8	9240	3.48	16.3	14,328,000.00	614.457
1/21/2015 7:00	1,080.50	81.31	70.8	9240	3.53	16.3	14,574,000.00	613.789
1/21/2015 8:00	1,099.10	81.36	70.9	9240	3.54	16.3	14,928,000.00	615.429
1/21/2015 9:00	1,125.80	81.36	70.8	9240	3.6	16.3	15,000,000.00	618.484
1/21/2015 10:00	1,124.70	81.24	70.8	9240	3.55	16.3	14,898,000.00	619.708
1/21/2015 11:00	1,117.10	81.23	70.8	9240	3.61	16.3	14,796,000.00	621.012
1/21/2015 12:00	1,109.40	81.44	70.8	9240	3.56	16.3	14,706,000.00	618.310
1/21/2015 13:00	1,102.70	81.38	70.8	9240	3.58	16.3	14,460,000.00	615.936
1/21/2015 14:00	1,084.20	81.44	70.8	9240	3.56	16.3	14,304,000.00	616.849
1/21/2015 15:00	1,072.50	81.31	70.8	9240	3.49	16.3	14,388,000.00	615.780
1/21/2015 16:00	1,085.10	81.40	70.8	9240	3.54	16.3	14,496,000.00	616.345
1/21/2015 17:00	1,093.20	81.34	70.8	9240	3.5	16.3	14,610,000.00	615.710
1/21/2015 18:00	1,101.80	81.37	70.8	9240	3.53	16.3	14,688,000.00	617.514
1/21/2015 19:00	1,107.70	81.22	70.8	9240	3.51	16.3	14,790,000.00	620.131
1/21/2015 20:00	1,115.40	81.39	70.8	9240	3.57	16.3	14,904,000.00	619.928
1/21/2015 21:00	1,117.50	81.33	70.8	9240	3.47	16.3	14,886,000.00	620.861
1/21/2015 22:00	1,122.60	81.30	70.8	9240	3.51	16.3	14,694,000.00	619.190
1/21/2015 23:00	1,108.10	81.32	70.8	9240	3.48	16.3	14,418,000.00	619.708
1/22/2015 0:00	1,087.30	81.40	70.8	9240	3.46	16.3	14,466,000.00	618.900
1/22/2015 1:00	1,091.00	81.32	70.8	9240	3.48	16.3	14,550,000.00	616.644
1/22/2015 2:00	1,097.30	81.30	70.8	9240	3.5	16.3	14,574,000.00	616.176
1/22/2015 3:00	1,099.10	81.37	70.8	9240	3.49	16.3	14,604,000.00	616.387
1/22/2015 4:00	1,101.40	81.41	70.8	9240	3.41	16.3	14,676,000.00	616.559
1/22/2015 5:00	1,113.10	81.45	70.8	9240	3.46	16.3	14,640,000.00	616.956
1/22/2015 6:00	1,104.10	81.63	70.8	9240	3.49	16.3	15,858,000.00	618.973
1/22/2015 7:00	1,195.90	81.71	78.4	9240	3.48	16.3	17,046,000.00	619.812
1/22/2015 8:00	1,285.50	89.42	84.4	9240	3.47	16.3	14,730,000.00	678.914
1/22/2015 9:00	1,110.90	95.69	70.9	9240	3.51	16.3	15,072,000.00	729.394
1/22/2015 10:00	1,136.70	81.82	70.8	9240	3.58	16.3	15,144,000.00	618.232
1/22/2015 11:00	1,135.50	81.80	70.8	9240	3.52	16.3	14,850,000.00	618.655
1/22/2015 12:00	1,119.90	81.96	70.8	9240	3.49	16.3	14,868,000.00	621.141
1/22/2015 13:00	1,121.30	81.94	70.8	9240	3.5	16.3	15,138,000.00	622.032
1/22/2015 14:00	1,141.60	81.92	70.8	9240	3.58	16.3	14,970,000.00	621.727
1/22/2015 15:00	1,122.50	82.03	70.8	9240	3.48	16.3	14,892,000.00	623.027
1/22/2015 16:00	1,123.10	81.98	70.8	9240	3.51	16.3	15,000,000.00	622.322
1/22/2015 17:00	1,131.20	81.90	70.8	9240	3.5	16.3	14,904,000.00	621.670

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
1/22/2015 18:00	1,124.00	81.94	70.8	9240	3.47	16.3	14,592,000.00	621.311
1/22/2015 19:00	1,100.50	81.72	70.8	9240	3.46	16.3	14,442,000.00	619.292
1/22/2015 20:00	1,089.10	81.65	70.8	9240	3.48	16.3	14,454,000.00	618.256
1/22/2015 21:00	1,090.00	81.65	70.8	9240	3.47	16.3	14,532,000.00	617.756
1/22/2015 22:00	1,095.90	81.62	70.8	9240	3.5	16.3	14,808,000.00	617.029
1/22/2015 23:00	1,116.70	81.60	70.8	9240	3.55	16.3	14,970,000.00	616.749
1/23/2015 0:00	1,129.00	81.67	70.8	9240	3.53	16.3	15,018,000.00	617.347
1/23/2015 1:00	1,132.60	81.60	70.8	9240	3.5	16.3	14,958,000.00	618.178
1/23/2015 2:00	1,128.10	81.63	70.8	9240	3.49	16.3	14,628,000.00	617.368
1/23/2015 3:00	1,103.20	81.70	70.8	9240	3.49	16.3	14,634,000.00	619.126
1/23/2015 4:00	1,103.60	81.70	70.8	9240	3.52	16.3	14,652,000.00	618.748
1/23/2015 5:00	1,105.00	81.73	70.8	9240	3.49	16.3	14,622,000.00	619.054
1/23/2015 6:00	1,102.70	81.87	70.8	9240	3.47	16.3	14,628,000.00	621.089
1/23/2015 7:00	1,103.20	82.08	70.8	9240	3.45	16.3	14,622,000.00	622.670
1/23/2015 8:00	1,109.10	82.03	70.8	9240	3.39	16.3	14,568,000.00	622.918
1/23/2015 9:00	1,105.00	81.97	70.8	9240	3.53	16.3	14,694,000.00	622.520
1/23/2015 10:00	1,108.10	81.86	70.8	9240	3.53	16.3	14,748,000.00	622.233
1/23/2015 11:00	1,112.20	81.78	70.8	9240	3.62	16.3	14,832,000.00	622.890
1/23/2015 12:00	1,112.10	81.83	70.8	9240	3.49	16.3	15,048,000.00	623.333
1/23/2015 13:00	1,134.80	81.75	70.8	9240	3.5	16.3	15,420,000.00	622.473
1/23/2015 14:00	1,162.90	81.77	70.8	9240	3.6	16.3	16,260,000.00	623.335
1/23/2015 15:00	1,219.20	81.84	70.8	9240	3.67	16.3	16,836,000.00	623.944
1/23/2015 16:00	1,255.10	81.81	70.8	9240	3.66	16.3	17,130,000.00	624.350
1/23/2015 17:00	1,277.00	81.64	70.8	9240	3.66	16.3	16,500,000.00	623.553
1/23/2015 18:00	1,230.00	81.63	70.8	9240	3.7	16.3	16,290,000.00	623.041
1/23/2015 19:00	1,214.40	81.55	70.8	9240	3.54	16.3	15,348,000.00	622.836
1/23/2015 20:00	1,157.50	81.56	70.8	9240	3.55	16.3	14,958,000.00	621.779
1/23/2015 21:00	1,128.10	81.54	70.8	9240	3.51	16.3	15,030,000.00	621.464
1/23/2015 22:00	1,133.50	81.46	70.8	9240	3.52	16.3	15,300,000.00	621.049
1/23/2015 23:00	1,153.80	81.50	70.8	9240	3.57	16.3	15,456,000.00	621.643
1/24/2015 0:00	1,158.90	81.57	70.8	9240	3.58	16.3	15,378,000.00	622.748
1/24/2015 1:00	1,153.10	81.60	70.8	9240	3.54	16.3	15,348,000.00	625.339
1/24/2015 2:00	1,157.50	81.56	70.8	9240	3.52	16.3	15,132,000.00	624.187
1/24/2015 3:00	1,141.20	81.60	70.8	9240	3.52	16.3	14,778,000.00	624.199
1/24/2015 4:00	1,114.50	81.64	70.8	9240	3.52	16.3	14,928,000.00	622.523
1/24/2015 5:00	1,125.80	81.60	70.8	9240	3.54	16.3	14,838,000.00	619.158
1/24/2015 6:00	1,119.00	81.62	70.8	9240	3.43	16.3	14,652,000.00	618.195
1/24/2015 7:00	1,111.30	81.64	70.8	9240	3.47	16.3	14,868,000.00	616.959
1/24/2015 8:00	1,121.30	81.50	70.8	9240	3.53	16.3	15,978,000.00	614.540
1/24/2015 9:00	1,205.00	81.38	70.8	9240	3.57	16.3	16,152,000.00	612.544
1/24/2015 10:00	1,211.10	81.31	70.8	9240	3.58	16.3	15,852,000.00	612.470
1/24/2015 11:00	1,188.60	81.27	70.8	9240	3.55	16.3	15,756,000.00	612.148
1/24/2015 12:00	1,188.20	81.32	70.8	9240	3.47	16.3	15,012,000.00	612.477
1/24/2015 13:00	1,132.10	81.34	70.8	9240	3.53	16.3	14,622,000.00	612.217
1/24/2015 14:00	1,102.70	81.37	70.8	9240	3.45	16.3	14,568,000.00	612.622
1/24/2015 15:00	1,105.00	81.33	70.8	9240	3.44	16.3	14,520,000.00	611.856
1/24/2015 16:00	1,101.30	81.36	70.8	9240	3.43	16.3	14,526,000.00	611.938
1/24/2015 17:00	1,101.80	81.35	70.8	9240	3.4	16.3	14,538,000.00	611.529
1/24/2015 18:00	1,102.70	81.41	70.8	9240	3.46	16.3	14,664,000.00	611.354
1/24/2015 19:00	1,105.90	81.43	70.8	9240	3.47	16.3	14,670,000.00	611.203
1/24/2015 20:00	1,106.30	81.48	70.8	9240	3.45	16.3	14,646,000.00	611.308
1/24/2015 21:00	1,110.90	81.49	70.8	9240	3.46	16.3	14,670,000.00	611.406
1/24/2015 22:00	1,106.30	81.49	70.8	9240	3.48	16.3	14,718,000.00	610.617
1/24/2015 23:00	1,110.00	81.49	70.8	9240	3.5	16.3	15,126,000.00	610.794
1/25/2015 0:00	1,140.70	81.48	70.8	9240	3.52	16.3	15,102,000.00	610.790
1/25/2015 1:00	1,138.90	81.52	70.8	9240	3.47	16.3	15,036,000.00	612.253
1/25/2015 2:00	1,133.90	81.52	70.8	9240	3.44	16.3	14,844,000.00	611.289
1/25/2015 3:00	1,125.90	81.54	70.8	9240	3.47	16.3	14,628,000.00	611.543
1/25/2015 4:00	1,103.20	81.50	70.8	9240	3.46	16.3	14,658,000.00	611.137
1/25/2015 5:00	1,105.40	81.50	70.8	9240	3.45	16.3	14,580,000.00	609.723
1/25/2015 6:00	1,105.90	81.60	70.8	9240	3.44	16.3	14,604,000.00	610.564
1/25/2015 7:00	1,107.70	81.52	70.8	9240	3.44	16.3	14,604,000.00	609.755
1/25/2015 8:00	1,107.70	81.32	70.8	9240	3.44	16.3	14,532,000.00	609.080
1/25/2015 9:00	1,102.20	81.19	70.8	9240	3.44	16.3	14,580,000.00	610.500
1/25/2015 10:00	1,105.90	81.17	70.8	9240	3.48	16.3	14,562,000.00	611.182
1/25/2015 11:00	1,098.20	81.20	70.8	9240	3.46	16.3	14,496,000.00	612.109
1/25/2015 12:00	1,093.20	81.19	70.8	9240	3.44	16.3	14,424,000.00	612.727
1/25/2015 13:00	1,094.00	81.16	70.8	9240	3.45	16.3	14,472,000.00	613.635
1/25/2015 14:00	1,091.40	81.27	70.8	9240	3.44	16.3	14,496,000.00	613.209
1/25/2015 15:00	1,099.50	81.39	70.8	9240	3.41	16.3	14,502,000.00	611.001
1/25/2015 16:00	1,100.00	81.19	70.8	9240	3.43	16.3	14,598,000.00	614.446
1/25/2015 17:00	1,107.20	81.17	70.8	9240	3.43	16.3	14,574,000.00	616.079
1/25/2015 18:00	1,105.40	81.28	70.8	9240	3.45	16.3	14,604,000.00	616.392
1/25/2015 19:00	1,107.70	81.32	70.8	9240	3.41	16.3	14,526,000.00	615.548
1/25/2015 20:00	1,101.80	81.29	70.8	9240	3.42	16.3	14,598,000.00	614.393

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
1/25/2015 21:00	1,107.20	81.29	70.8	9240	3.43	16.3	14,640,000.00	613.539
1/25/2015 22:00	1,110.40	81.24	70.8	9240	3.46	16.3	15,000,000.00	613.578
1/25/2015 23:00	1,131.20	81.26	70.8	9240	3.5	16.3	15,042,000.00	613.372
1/26/2015 0:00	1,134.40	81.34	70.8	9240	3.48	16.3	15,132,000.00	615.768
1/26/2015 1:00	1,141.20	81.28	70.8	9240	3.46	16.3	15,156,000.00	615.694
1/26/2015 2:00	1,143.00	81.29	70.8	9240	3.46	16.3	14,946,000.00	617.705
1/26/2015 3:00	1,127.10	81.27	70.8	9240	3.55	16.3	15,102,000.00	618.836
1/26/2015 4:00	1,132.40	81.29	70.8	9240	3.51	16.3	14,814,000.00	617.890
1/26/2015 5:00	1,117.20	81.60	70.8	9240	3.44	16.3	14,706,000.00	620.512
1/26/2015 6:00	1,115.40	81.62	70.8	9240	3.47	16.3	14,784,000.00	620.138
1/26/2015 7:00	1,114.90	81.58	70.8	9240	3.48	16.3	15,528,000.00	618.456
1/26/2015 8:00	1,171.00	81.50	70.8	9240	3.5	16.3	16,158,000.00	617.718
1/26/2015 9:00	1,218.60	81.50	70.8	9240	3.59	16.3	16,188,000.00	618.420
1/26/2015 10:00	1,213.80	81.42	70.8	9240	3.58	16.3	16,002,000.00	617.503
1/26/2015 11:00	1,199.90	81.53	70.8	9240	3.58	16.3	15,864,000.00	618.469
1/26/2015 12:00	1,189.50	81.51	70.8	9240	3.56	16.3	15,870,000.00	618.267
1/26/2015 13:00	1,190.00	81.50	70.8	9240	3.54	16.3	15,864,000.00	618.143
1/26/2015 14:00	1,196.40	81.62	70.8	9240	3.52	16.3	15,666,000.00	619.468
1/26/2015 15:00	1,181.40	81.61	70.8	9240	3.46	16.3	15,708,000.00	619.540
1/26/2015 16:00	1,184.60	81.63	73.2	9240	3.43	16.3	17,220,000.00	619.429
1/26/2015 17:00	1,306.10	84.06	85.7	9240	3.37	16.3	18,798,000.00	636.823
1/26/2015 18:00	1,425.80	96.99	96.8	9240	3.37	16.3	18,876,000.00	742.419
1/26/2015 19:00	1,431.70	108.13	100.8	9240	3.4	16.3	16,878,000.00	826.850
1/26/2015 20:00	1,280.20	112.16	86.2	9240	3.44	16.3	14,412,000.00	857.290
1/26/2015 21:00	1,093.10	97.15	70.8	9240	3.45	16.3	14,502,000.00	739.185
1/26/2015 22:00	1,100.00	81.40	70.8	9240	3.45	16.3	14,514,000.00	612.430
1/26/2015 23:00	1,094.60	81.45	70.8	9240	3.47	16.3	14,862,000.00	613.912
1/27/2015 0:00	1,120.80	81.46	70.8	9240	3.43	16.3	18,294,000.00	613.092
1/27/2015 1:00	1,387.60	81.43	92.0	9240	3.35	16.3	18,450,000.00	613.376
1/27/2015 2:00	1,399.40	103.21	94.8	9240	3.39	16.3	18,024,000.00	783.983
1/27/2015 3:00	1,367.10	106.12	90.1	9240	3.37	16.3	17,376,000.00	806.566
1/27/2015 4:00	1,317.90	101.29	86.8	9240	3.35	16.3	17,742,000.00	768.854
1/27/2015 5:00	1,353.40	98.11	89.6	9240	3.32	16.3	18,966,000.00	742.005
1/27/2015 6:00	1,446.80	100.99	100.0	9240	3.36	16.3	18,264,000.00	764.211
1/27/2015 7:00	1,385.30	111.94	95.6	9240	3.45	16.3	15,576,000.00	848.712
1/27/2015 8:00	1,181.40	107.12	76.5	9240	3.49	16.3	16,050,000.00	811.214
1/27/2015 9:00	1,210.40	87.36	75.4	9240	3.45	16.3	15,648,000.00	659.289
1/27/2015 10:00	1,180.10	86.26	73.8	9240	3.5	16.3	15,630,000.00	651.114
1/27/2015 11:00	1,178.70	84.62	73.1	9240	3.51	16.3	15,396,000.00	640.368
1/27/2015 12:00	1,161.10	83.87	72.3	9240	3.53	16.3	15,186,000.00	637.388
1/27/2015 13:00	1,145.20	83.10	71.2	9240	3.52	16.3	15,240,000.00	633.392
1/27/2015 14:00	1,149.30	81.92	70.9	9240	3.53	16.3	14,970,000.00	625.389
1/27/2015 15:00	1,129.00	81.67	70.8	9240	3.48	16.3	15,060,000.00	622.117
1/27/2015 16:00	1,135.70	81.60	70.8	9240	3.48	16.3	17,454,000.00	621.054
1/27/2015 17:00	1,316.30	81.53	80.1	9240	3.55	16.3	15,408,000.00	618.677
1/27/2015 18:00	1,162.00	91.13	71.3	9240	3.53	16.3	14,886,000.00	691.558
1/27/2015 19:00	1,122.60	81.86	70.8	9240	3.49	16.3	14,760,000.00	618.994
1/27/2015 20:00	1,113.10	81.28	70.8	9240	3.53	16.3	14,880,000.00	613.065
1/27/2015 21:00	1,122.20	81.36	70.8	9240	3.46	16.3	14,928,000.00	615.301
1/27/2015 22:00	1,125.80	81.40	70.8	9240	3.49	16.3	14,694,000.00	614.144
1/27/2015 23:00	1,108.10	81.44	70.8	9240	3.43	16.3	14,496,000.00	614.303
1/28/2015 0:00	1,099.50	81.46	70.8	9240	3.45	16.3	14,634,000.00	613.471
1/28/2015 1:00	1,103.60	81.29	70.8	9240	3.45	16.3	14,598,000.00	613.495
1/28/2015 2:00	1,107.20	81.27	70.8	9240	3.47	16.3	14,568,000.00	616.636
1/28/2015 3:00	1,098.60	81.26	70.8	9240	3.45	16.3	14,640,000.00	617.006
1/28/2015 4:00	1,110.40	81.30	70.9	9240	3.31	16.3	19,572,000.00	615.981
1/28/2015 5:00	1,493.00	81.52	100.0	9240	3.42	16.3	19,434,000.00	617.441
1/28/2015 6:00	1,474.00	111.63	101.8	9240	3.38	16.3	19,470,000.00	852.447
1/28/2015 7:00	1,476.80	113.45	101.8	9240	3.43	16.3	18,570,000.00	863.103
1/28/2015 8:00	1,408.50	113.36	93.4	9240	3.46	16.3	17,034,000.00	862.184
1/28/2015 9:00	1,284.60	104.83	81.0	9240	3.49	16.3	15,222,000.00	795.720
1/28/2015 10:00	1,148.00	92.16	71.0	9240	3.51	16.3	15,150,000.00	697.185
1/28/2015 11:00	1,142.50	82.01	70.8	9240	3.51	16.3	15,066,000.00	616.317
1/28/2015 12:00	1,136.20	81.73	70.8	9240	3.51	16.3	15,108,000.00	614.341
1/28/2015 13:00	1,139.40	81.71	70.8	9240	3.51	16.3	15,006,000.00	614.719
1/28/2015 14:00	1,131.70	81.71	70.8	9240	3.52	16.3	15,018,000.00	615.428
1/28/2015 15:00	1,132.60	81.72	70.8	9240	3.51	16.3	14,940,000.00	616.319
1/28/2015 16:00	1,126.70	81.64	70.8	9240	3.52	16.3	15,030,000.00	616.122
1/28/2015 17:00	1,133.50	81.65	70.8	9240	3.46	16.3	15,036,000.00	616.227
1/28/2015 18:00	1,133.90	81.68	70.8	9240	3.53	16.3	15,222,000.00	615.967
1/28/2015 19:00	1,148.00	81.60	70.8	9240	3.51	16.3	15,060,000.00	614.401
1/28/2015 20:00	1,135.70	81.50	70.8	9240	3.45	16.3	15,156,000.00	614.724
1/28/2015 21:00	1,143.00	81.48	70.8	9240	3.47	16.3	15,054,000.00	613.228
1/28/2015 22:00	1,135.30	81.56	70.8	9240	3.45	16.3	14,772,000.00	613.734
1/28/2015 23:00	1,114.00	81.42	70.8	9240	3.46	16.3	14,898,000.00	612.809

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
1/29/2015 0:00	1,123.50	81.31	70.8	9240	3.47	16.3	14,928,000.00	616.050
1/29/2015 1:00	1,125.80	81.36	70.8	9240	3.47	16.3	14,922,000.00	617.442
1/29/2015 2:00	1,125.30	81.36	70.8	9240	3.39	16.3	16,062,000.00	617.754
1/29/2015 3:00	1,218.30	81.33	77.2	9240	3.42	16.3	18,396,000.00	617.567
1/29/2015 4:00	1,395.30	87.93	91.2	9240	3.37	16.3	19,080,000.00	667.418
1/29/2015 5:00	1,447.20	102.56	97.7	9240	3.42	16.3	19,632,000.00	778.315
1/29/2015 6:00	1,489.10	109.20	102.8	9240	3.38	16.3	19,662,000.00	829.515
1/29/2015 7:00	1,491.30	114.57	102.8	9240	3.42	16.3	16,536,000.00	871.994
1/29/2015 8:00	1,254.20	114.45	82.5	9240	3.48	16.3	14,802,000.00	870.544
1/29/2015 9:00	1,116.30	93.62	71.0	9240	3.44	16.3	14,952,000.00	709.552
1/29/2015 10:00	1,134.10	81.83	71.5	9240	3.48	16.3	14,790,000.00	616.558
1/29/2015 11:00	1,115.40	82.33	71.2	9240	3.47	16.3	14,790,000.00	623.493
1/29/2015 12:00	1,115.40	82.09	71.0	9240	3.49	16.3	14,808,000.00	622.280
1/29/2015 13:00	1,116.70	81.89	70.8	9240	3.49	16.3	14,814,000.00	621.067
1/29/2015 14:00	1,117.20	81.59	70.8	9240	3.47	16.3	14,892,000.00	619.217
1/29/2015 15:00	1,123.10	81.60	71.4	9240	3.51	16.3	15,312,000.00	620.421
1/29/2015 16:00	1,154.80	82.32	72.8	9240	3.46	16.3	15,234,000.00	625.991
1/29/2015 17:00	1,148.90	83.68	72.1	9240	3.47	16.3	14,808,000.00	636.375
1/29/2015 18:00	1,116.70	82.97	71.0	9240	3.41	16.3	14,784,000.00	631.289
1/29/2015 19:00	1,121.30	81.76	71.0	9240	3.43	16.3	14,724,000.00	621.111
1/29/2015 20:00	1,116.80	81.65	70.8	9240	3.43	16.3	14,664,000.00	619.393
1/29/2015 21:00	1,112.20	81.35	70.9	9240	3.41	16.3	14,718,000.00	616.020
1/29/2015 22:00	1,116.30	81.19	71.1	9240	3.37	16.3	15,720,000.00	613.961
1/29/2015 23:00	1,192.30	81.49	75.9	9240	3.47	16.3	15,678,000.00	616.546
1/30/2015 0:00	1,182.40	86.26	73.8	9240	3.49	16.3	15,636,000.00	653.291
1/30/2015 1:00	1,179.20	84.17	73.3	9240	3.42	16.3	15,540,000.00	638.431
1/30/2015 2:00	1,178.70	83.63	72.9	9240	3.48	16.3	15,036,000.00	632.618
1/30/2015 3:00	1,133.90	83.34	71.8	9240	3.43	16.3	14,964,000.00	631.899
1/30/2015 4:00	1,135.00	82.17	71.8	9240	3.45	16.3	14,964,000.00	622.602
1/30/2015 5:00	1,128.50	82.30	71.8	9240	3.46	16.3	15,084,000.00	623.927
1/30/2015 6:00	1,137.60	82.41	72.3	9240	3.43	16.3	14,814,000.00	626.052
1/30/2015 7:00	1,123.60	82.98	70.8	9240	3.43	16.3	14,820,000.00	631.233
1/30/2015 8:00	1,124.10	81.30	70.8	9240	3.45	16.3	14,868,000.00	617.717
1/30/2015 9:00	1,127.70	81.32	70.9	9240	3.47	16.3	14,820,000.00	618.731
1/30/2015 10:00	1,117.60	81.36	71.0	9240	3.46	16.3	14,874,000.00	619.404
1/30/2015 11:00	1,121.70	81.47	71.1	9240	3.46	16.3	14,658,000.00	620.413
1/30/2015 12:00	1,105.40	81.60	70.9	9240	3.47	16.3	14,616,000.00	621.049
1/30/2015 13:00	1,102.30	81.37	70.9	9240	3.48	16.3	14,610,000.00	617.386
1/30/2015 14:00	1,101.80	81.32	71.1	9240	3.48	16.3	14,544,000.00	616.850
1/30/2015 15:00	1,096.80	81.53	71.2	9240	3.47	16.3	14,712,000.00	618.447
1/30/2015 16:00	1,109.50	81.52	71.3	9240	3.45	16.3	15,642,000.00	616.862
1/30/2015 17:00	1,179.60	81.77	75.9	9240	3.4	16.3	15,486,000.00	618.684
1/30/2015 18:00	1,174.60	86.61	76.6	9240	3.41	16.3	15,096,000.00	655.860
1/30/2015 19:00	1,145.00	87.10	73.4	9240	3.43	16.3	14,652,000.00	658.128
1/30/2015 20:00	1,111.30	83.97	71.2	9240	3.4	16.3	14,706,000.00	633.337
1/30/2015 21:00	1,115.40	81.78	71.0	9240	3.4	16.3	14,688,000.00	615.759
1/30/2015 22:00	1,114.10	81.58	70.8	9240	3.48	16.3	14,982,000.00	613.846
1/30/2015 23:00	1,129.90	81.26	70.8	9240	3.48	16.3	15,072,000.00	611.256
1/31/2015 0:00	1,136.70	81.11	70.8	9240	3.45	16.3	15,300,000.00	610.935
1/31/2015 1:00	1,153.80	81.13	71.9	9240	3.43	16.3	15,180,000.00	609.774
1/31/2015 2:00	1,151.40	82.51	71.5	9240	3.43	16.3	14,682,000.00	621.108
1/31/2015 3:00	1,113.60	82.29	71.1	9240	3.42	16.3	15,072,000.00	618.991
1/31/2015 4:00	1,143.20	81.75	73.1	9240	3.41	16.3	15,516,000.00	614.233
1/31/2015 5:00	1,176.90	83.81	75.4	9240	3.41	16.3	16,182,000.00	628.970
1/31/2015 6:00	1,227.40	86.15	79.3	9240	3.35	16.3	15,522,000.00	647.798
1/31/2015 7:00	1,177.30	90.08	76.2	9240	3.42	16.3	14,814,000.00	678.967
1/31/2015 8:00	1,123.60	86.90	71.1	9240	3.44	16.3	14,658,000.00	653.689
1/31/2015 9:00	1,111.80	81.64	71.0	9240	3.39	16.3	15,606,000.00	613.425
1/31/2015 10:00	1,183.70	81.37	74.8	9240	3.46	16.3	14,766,000.00	612.992
1/31/2015 11:00	1,113.60	85.34	70.8	9240	3.44	16.3	14,676,000.00	645.800
1/31/2015 12:00	1,113.10	81.16	70.8	9240	3.45	16.3	14,628,000.00	613.882
1/31/2015 13:00	1,109.50	81.20	70.8	9240	3.43	16.3	14,574,000.00	615.166
1/31/2015 14:00	1,105.40	81.16	70.8	9240	3.4	16.3	14,568,000.00	614.886
1/31/2015 15:00	1,105.00	81.20	71.1	9240	3.44	16.3	14,982,000.00	615.617
1/31/2015 16:00	1,136.40	81.52	73.0	9240	3.38	16.3	16,254,000.00	617.924
1/31/2015 17:00	1,232.80	83.44	79.7	9240	3.42	16.3	14,586,000.00	632.475
1/31/2015 18:00	1,106.30	90.41	71.3	9240	3.42	16.3	14,706,000.00	686.881
1/31/2015 19:00	1,115.40	81.88	71.2	9240	3.4	16.3	14,760,000.00	620.637
1/31/2015 20:00	1,119.50	81.67	70.9	9240	3.4	16.3	14,826,000.00	619.534
1/31/2015 21:00	1,124.50	81.28	70.9	9240	3.45	16.3	15,330,000.00	620.753
1/31/2015 22:00	1,156.10	81.34	71.2	9240	3.46	16.3	15,666,000.00	621.610
1/31/2015 23:00	1,181.40	81.62	71.6	9240	3.4	16.3	14,976,000.00	624.172
2/1/2015 0:00	1,135.90	82.01	70.9	9240	3.45	16.3	14,838,000.00	626.954
2/1/2015 1:00	1,125.40	81.24	71.2	9240	3.49	16.3	14,748,000.00	620.251
2/1/2015 2:00	1,112.20	81.67	71.3	9240	3.51	16.3	14,718,000.00	625.358



Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
2/1/2015 3:00	1,110.00	82.02	71.2	9240	3.45	16.3	14,616,000.00	623.345
2/1/2015 4:00	1,102.30	81.87	71.2	9240	3.47	16.3	14,958,000.00	617.295
2/1/2015 5:00	1,128.10	81.79	72.5	9240	3.39	16.3	14,832,000.00	616.690
2/1/2015 6:00	1,125.00	83.10	72.4	9240	3.41	16.3	14,892,000.00	626.989
2/1/2015 7:00	1,129.50	83.04	72.9	9240	3.4	16.3	14,634,000.00	627.597
2/1/2015 8:00	1,110.00	83.42	71.3	9240	3.36	16.3	16,728,000.00	631.955
2/1/2015 9:00	1,268.80	81.76	83.1	9240	3.4	16.3	15,216,000.00	620.154
2/1/2015 10:00	1,154.10	94.05	75.6	9240	3.38	16.3	15,156,000.00	714.889
2/1/2015 11:00	1,149.60	86.36	75.0	9240	3.41	16.3	14,766,000.00	653.505
2/1/2015 12:00	1,120.00	85.54	72.7	9240	3.41	16.3	14,874,000.00	651.358
2/1/2015 13:00	1,128.20	83.15	73.1	9240	3.38	16.3	15,192,000.00	634.148
2/1/2015 14:00	1,152.30	83.50	75.1	9240	3.36	16.3	15,786,000.00	637.311
2/1/2015 15:00	1,197.30	85.74	78.3	9240	3.42	16.3	14,310,000.00	650.693
2/1/2015 16:00	1,085.40	89.08	71.0	9240	3.4	16.3	14,460,000.00	675.872
2/1/2015 17:00	1,096.80	81.50	70.8	9240	3.33	16.3	14,514,000.00	616.836
2/1/2015 18:00	1,107.20	81.26	70.8	9240	3.42	16.3	14,784,000.00	619.243
2/1/2015 19:00	1,121.30	81.33	70.8	9240	3.44	16.3	14,976,000.00	620.739
2/1/2015 20:00	1,135.90	81.33	70.8	9240	3.43	16.3	14,994,000.00	620.137
2/1/2015 21:00	1,137.30	81.34	70.8	9240	3.42	16.3	14,904,000.00	620.645
2/1/2015 22:00	1,130.40	81.30	70.8	9240	3.42	16.3	14,502,000.00	619.291
2/1/2015 23:00	1,100.00	81.37	70.8	9240	3.42	16.3	14,550,000.00	619.545
2/2/2015 0:00	1,103.60	81.29	70.8	9240	3.42	16.3	14,610,000.00	619.033
2/2/2015 1:00	1,108.10	81.26	70.8	9240	3.43	16.3	14,604,000.00	618.908
2/2/2015 2:00	1,107.70	81.33	70.8	9240	3.42	16.3	14,592,000.00	619.900
2/2/2015 3:00	1,106.80	81.27	70.8	9240	3.41	16.3	14,682,000.00	620.014
2/2/2015 4:00	1,113.60	81.25	70.8	9240	3.45	16.3	14,730,000.00	620.155
2/2/2015 5:00	1,110.90	81.58	70.8	9240	3.44	16.3	14,694,000.00	623.379
2/2/2015 6:00	1,114.50	81.59	70.8	9240	3.41	16.3	14,766,000.00	624.449
2/2/2015 7:00	1,120.00	81.57	70.8	9240	3.43	16.3	14,658,000.00	624.224
2/2/2015 8:00	1,111.80	81.39	70.8	9240	3.45	16.3	14,700,000.00	622.099
2/2/2015 9:00	1,108.60	81.51	70.8	9240	3.42	16.3	14,724,000.00	621.913
2/2/2015 10:00	1,116.80	81.58	70.8	9240	3.44	16.3	14,652,000.00	622.647
2/2/2015 11:00	1,111.30	81.62	70.8	9240	3.45	16.3	14,676,000.00	619.049
2/2/2015 12:00	1,106.80	81.52	70.8	9240	3.43	16.3	14,766,000.00	614.770
2/2/2015 13:00	1,120.00	81.54	70.8	9240	3.47	16.3	14,844,000.00	615.334
2/2/2015 14:00	1,119.50	81.61	70.8	9240	3.46	16.3	14,676,000.00	615.857
2/2/2015 15:00	1,106.80	81.71	70.8	9240	3.4	16.3	15,210,000.00	616.747
2/2/2015 16:00	1,153.70	81.66	73.8	9240	3.33	16.3	17,514,000.00	615.079
2/2/2015 17:00	1,336.00	84.76	86.8	9240	3.36	16.3	15,852,000.00	637.431
2/2/2015 18:00	1,202.30	98.06	76.6	9240	3.4	16.3	15,996,000.00	745.623
2/2/2015 19:00	1,213.30	87.43	75.3	9240	3.44	16.3	17,256,000.00	667.811
2/2/2015 20:00	1,308.80	86.01	82.2	9240	3.38	16.3	17,556,000.00	657.055
2/2/2015 21:00	1,331.60	93.18	85.4	9240	3.37	16.3	18,360,000.00	711.481
2/2/2015 22:00	1,392.60	96.43	92.1	9240	3.36	16.3	15,672,000.00	737.836
2/2/2015 23:00	1,188.70	103.18	77.2	9240	3.38	16.3	16,506,000.00	795.049
2/3/2015 0:00	1,252.00	88.02	81.7	9240	3.4	16.3	14,916,000.00	671.476
2/3/2015 1:00	1,131.40	92.25	73.5	9240	3.37	16.3	15,690,000.00	704.098
2/3/2015 2:00	1,190.10	83.84	77.0	9240	3.4	16.3	15,912,000.00	637.115
2/3/2015 3:00	1,206.90	87.32	77.8	9240	3.33	16.3	18,534,000.00	665.641
2/3/2015 4:00	1,413.80	88.14	95.0	9240	3.04	16.3	18,996,000.00	674.137
2/3/2015 5:00	1,473.70	106.17	102.8	9240	3.19	16.3	17,574,000.00	808.236
2/3/2015 6:00	1,348.20	114.06	92.8	9240	3.37	16.3	18,036,000.00	867.278
2/3/2015 7:00	1,368.00	103.80	92.8	9240	3.37	16.3	19,092,000.00	786.708
2/3/2015 8:00	1,448.10	104.03	100.8	9240	3.41	16.3	16,518,000.00	785.735
2/3/2015 9:00	1,252.90	112.24	83.0	9240	3.48	16.3	14,832,000.00	853.628
2/3/2015 10:00	1,118.60	94.23	71.4	9240	3.43	16.3	15,120,000.00	713.957
2/3/2015 11:00	1,146.80	82.37	72.7	9240	3.42	16.3	14,754,000.00	619.626
2/3/2015 12:00	1,119.10	83.53	70.8	9240	3.41	16.3	14,664,000.00	630.031
2/3/2015 13:00	1,112.20	81.62	70.8	9240	3.45	16.3	14,850,000.00	614.774
2/3/2015 14:00	1,119.90	81.62	70.8	9240	3.42	16.3	14,760,000.00	615.784
2/3/2015 15:00	1,119.50	81.70	70.8	9240	3.43	16.3	15,240,000.00	617.115
2/3/2015 16:00	1,155.90	81.65	73.3	9240	3.36	16.3	18,168,000.00	616.536
2/3/2015 17:00	1,378.00	84.13	90.6	9240	3.47	16.3	15,012,000.00	634.437
2/3/2015 18:00	1,132.10	101.92	72.5	9240	3.45	16.3	14,736,000.00	777.987
2/3/2015 19:00	1,111.30	83.20	71.1	9240	3.45	16.3	14,946,000.00	629.662
2/3/2015 20:00	1,127.10	81.72	70.8	9240	3.46	16.3	14,976,000.00	615.445
2/3/2015 21:00	1,129.40	81.47	70.8	9240	3.34	16.3	18,414,000.00	614.817
2/3/2015 22:00	1,404.60	81.45	92.3	9240	3.34	16.3	17,964,000.00	613.936
2/3/2015 23:00	1,370.30	103.51	91.1	9240	3.37	16.3	16,254,000.00	788.329
2/4/2015 0:00	1,232.80	102.19	80.2	9240	3.34	16.3	16,746,000.00	778.105
2/4/2015 1:00	1,277.40	91.05	82.9	9240	3.37	16.3	15,468,000.00	689.569
2/4/2015 2:00	1,173.20	93.88	76.4	9240	3.37	16.3	15,174,000.00	710.942
2/4/2015 3:00	1,150.90	87.16	74.7	9240	3.36	16.3	15,966,000.00	658.154
2/4/2015 4:00	1,211.00	85.37	78.3	9240	3.35	16.3	16,164,000.00	643.989
2/4/2015 5:00	1,226.00	89.32	79.8	9240	3.42	16.3	15,522,000.00	675.439

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
2/4/2015 6:00	1,177.30	90.92	75.6	9240	3.41	16.3	14,562,000.00	687.899
2/4/2015 7:00	1,104.50	86.71	70.8	9240	3.4	16.3	14,784,000.00	655.413
2/4/2015 8:00	1,121.30	81.68	70.8	9240	3.44	16.3	14,874,000.00	616.626
2/4/2015 9:00	1,128.20	81.74	70.8	9240	3.49	16.3	15,048,000.00	617.823
2/4/2015 10:00	1,134.80	81.65	70.8	9240	3.47	16.3	15,108,000.00	617.308
2/4/2015 11:00	1,139.40	81.66	70.8	9240	3.44	16.3	15,120,000.00	618.054
2/4/2015 12:00	1,146.80	81.66	70.8	9240	3.5	16.3	15,144,000.00	619.143
2/4/2015 13:00	1,142.10	81.59	70.8	9240	3.49	16.3	15,078,000.00	619.708
2/4/2015 14:00	1,137.10	81.63	70.8	9240	3.48	16.3	15,108,000.00	620.758
2/4/2015 15:00	1,139.40	81.58	70.8	9240	3.49	16.3	15,066,000.00	620.965
2/4/2015 16:00	1,136.20	81.55	70.8	9240	3.43	16.3	17,622,000.00	620.404
2/4/2015 17:00	1,336.60	81.55	84.7	9240	3.48	16.3	16,566,000.00	620.094
2/4/2015 18:00	1,249.30	95.96	77.6	9240	3.48	16.3	15,204,000.00	733.407
2/4/2015 19:00	1,146.60	88.40	70.8	9240	3.46	16.3	14,742,000.00	674.015
2/4/2015 20:00	1,111.80	81.35	70.8	9240	3.42	16.3	14,724,000.00	617.737
2/4/2015 21:00	1,116.80	81.39	70.8	9240	3.45	16.3	14,976,000.00	617.823
2/4/2015 22:00	1,129.40	81.48	70.8	9240	3.42	16.3	14,922,000.00	618.404
2/4/2015 23:00	1,131.80	81.49	70.8	9240	3.44	16.3	15,624,000.00	619.339
2/5/2015 0:00	1,185.10	81.42	70.8	9240	3.49	16.3	15,450,000.00	617.780
2/5/2015 1:00	1,165.20	81.38	70.8	9240	3.42	16.3	14,796,000.00	621.015
2/5/2015 2:00	1,122.20	81.43	70.8	9240	3.43	16.3	14,778,000.00	618.258
2/5/2015 3:00	1,120.90	81.45	70.8	9240	3.46	16.3	14,766,000.00	618.998
2/5/2015 4:00	1,113.60	81.37	70.8	9240	3.43	16.3	16,458,000.00	618.263
2/5/2015 5:00	1,248.30	81.62	79.2	9240	3.41	16.3	15,570,000.00	620.428
2/5/2015 6:00	1,181.00	90.46	76.6	9240	3.39	16.3	14,796,000.00	685.758
2/5/2015 7:00	1,122.20	87.74	70.8	9240	3.43	16.3	15,564,000.00	670.995
2/5/2015 8:00	1,180.50	81.56	70.8	9240	3.49	16.3	15,870,000.00	617.590
2/5/2015 9:00	1,196.80	81.62	70.8	9240	3.55	16.3	15,408,000.00	618.000
2/5/2015 10:00	1,162.00	81.60	70.8	9240	3.45	16.3	15,108,000.00	618.379
2/5/2015 11:00	1,139.40	81.69	70.8	9240	3.48	16.3	14,874,000.00	618.845
2/5/2015 12:00	1,121.70	81.59	70.8	9240	3.5	16.3	15,252,000.00	617.707
2/5/2015 13:00	1,150.20	81.66	70.8	9240	3.48	16.3	15,750,000.00	618.101
2/5/2015 14:00	1,187.80	81.70	70.8	9240	3.48	16.3	14,898,000.00	617.727
2/5/2015 15:00	1,123.50	81.59	70.8	9240	3.48	16.3	14,832,000.00	618.432
2/5/2015 16:00	1,118.60	81.52	70.8	9240	3.39	16.3	14,934,000.00	618.140
2/5/2015 17:00	1,132.70	81.62	70.8	9240	3.44	16.3	15,210,000.00	618.612
2/5/2015 18:00	1,153.70	81.73	70.8	9240	3.57	16.3	15,210,000.00	619.505
2/5/2015 19:00	1,140.50	81.67	70.8	9240	3.44	16.3	14,916,000.00	618.941
2/5/2015 20:00	1,131.40	81.46	70.8	9240	3.44	16.3	14,982,000.00	616.768
2/5/2015 21:00	1,136.40	81.50	70.8	9240	3.39	16.3	14,520,000.00	616.685
2/5/2015 22:00	1,101.30	81.57	70.8	9240	3.35	16.3	14,490,000.00	617.114
2/5/2015 23:00	1,105.30	81.59	70.8	9240	3.38	16.3	14,478,000.00	615.459
2/6/2015 0:00	1,098.10	81.61	70.8	9240	3.41	16.3	14,544,000.00	615.346
2/6/2015 1:00	1,103.10	81.63	70.8	9240	3.39	16.3	14,502,000.00	614.548
2/6/2015 2:00	1,100.00	81.65	70.8	9240	3.39	16.3	14,550,000.00	614.292
2/6/2015 3:00	1,103.60	81.61	70.8	9240	3.42	16.3	14,580,000.00	613.360
2/6/2015 4:00	1,105.90	81.59	70.8	9240	3.32	16.3	18,084,000.00	613.228
2/6/2015 5:00	1,379.50	81.66	89.0	9240	3.44	16.3	14,730,000.00	613.216
2/6/2015 6:00	1,117.20	100.37	72.3	9240	3.42	16.3	14,568,000.00	760.140
2/6/2015 7:00	1,105.00	83.49	70.8	9240	3.39	16.3	14,658,000.00	628.229
2/6/2015 8:00	1,111.80	81.72	70.8	9240	3.38	16.3	14,676,000.00	613.234
2/6/2015 9:00	1,113.10	81.82	70.8	9240	3.36	16.3	14,838,000.00	614.836
2/6/2015 10:00	1,125.40	81.75	70.8	9240	3.45	16.3	14,964,000.00	614.666
2/6/2015 11:00	1,128.50	81.64	70.8	9240	3.48	16.3	14,856,000.00	614.227
2/6/2015 12:00	1,120.40	81.67	70.8	9240	3.48	16.3	14,832,000.00	615.103
2/6/2015 13:00	1,118.60	81.69	70.8	9240	3.4	16.3	14,688,000.00	615.928
2/6/2015 14:00	1,114.10	81.69	70.8	9240	3.4	16.3	14,688,000.00	616.964
2/6/2015 15:00	1,114.10	81.54	70.8	9240	3.46	16.3	14,652,000.00	616.067
2/6/2015 16:00	1,105.00	81.59	70.8	9240	3.41	16.3	14,802,000.00	616.496
2/6/2015 17:00	1,122.70	81.66	70.8	9240	3.47	16.3	15,126,000.00	616.952
2/6/2015 18:00	1,140.70	81.70	70.8	9240	3.5	16.3	15,228,000.00	617.702
2/6/2015 19:00	1,148.40	81.51	70.8	9240	3.46	16.3	15,126,000.00	616.838
2/6/2015 20:00	1,140.70	81.44	70.8	9240	3.44	16.3	14,772,000.00	614.416
2/6/2015 21:00	1,120.40	81.39	70.8	9240	3.44	16.3	14,706,000.00	614.483
2/6/2015 22:00	1,115.40	81.47	70.8	9240	3.46	16.3	14,700,000.00	613.903
2/6/2015 23:00	1,108.60	81.50	70.8	9240	3.44	16.3	14,640,000.00	613.261
2/7/2015 0:00	1,110.40	81.52	70.8	9240	3.42	16.3	14,664,000.00	613.282
2/7/2015 1:00	1,112.20	81.51	70.8	9240	3.45	16.3	14,688,000.00	613.306
2/7/2015 2:00	1,114.10	81.54	70.8	9240	3.47	16.3	14,658,000.00	613.685
2/7/2015 3:00	1,105.40	81.46	70.8	9240	3.41	16.3	14,634,000.00	612.458
2/7/2015 4:00	1,110.00	81.39	70.8	9240	3.46	16.3	14,688,000.00	611.866
2/7/2015 5:00	1,107.70	81.44	70.8	9240	3.47	16.3	14,556,000.00	612.499
2/7/2015 6:00	1,097.70	81.55	70.8	9240	3.39	16.3	14,580,000.00	612.976
2/7/2015 7:00	1,105.90	81.42	70.8	9240	3.4	16.3	14,754,000.00	612.076
2/7/2015 8:00	1,119.10	81.33	70.8	9240	3.44	16.3	14,736,000.00	611.648

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
2/7/2015 9:00	1,117.70	81.36	70.8	9240	3.45	16.3	14,700,000.00	613.300
2/7/2015 10:00	1,115.00	81.33	70.8	9240	3.43	16.3	14,652,000.00	614.530
2/7/2015 11:00	1,111.30	81.28	70.8	9240	3.41	16.3	14,580,000.00	616.392
2/7/2015 12:00	1,105.90	81.32	70.8	9240	3.43	16.3	14,664,000.00	617.216
2/7/2015 13:00	1,112.20	81.32	70.8	9240	3.42	16.3	14,700,000.00	617.177
2/7/2015 14:00	1,115.00	81.30	70.8	9240	3.46	16.3	14,604,000.00	616.914
2/7/2015 15:00	1,101.40	81.29	70.8	9240	3.43	16.3	14,574,000.00	616.565
2/7/2015 16:00	1,105.40	81.31	70.8	9240	3.43	16.3	14,868,000.00	617.402
2/7/2015 17:00	1,127.70	81.36	70.8	9240	3.48	16.3	15,060,000.00	617.348
2/7/2015 18:00	1,135.70	81.49	70.8	9240	3.48	16.3	15,120,000.00	619.571
2/7/2015 19:00	1,140.30	81.50	70.8	9240	3.41	16.3	14,988,000.00	619.652
2/7/2015 20:00	1,136.80	81.51	70.8	9240	3.49	16.3	14,652,000.00	617.979
2/7/2015 21:00	1,105.00	81.50	70.8	9240	3.45	16.3	14,610,000.00	618.792
2/7/2015 22:00	1,101.80	81.54	70.8	9240	3.39	16.3	14,646,000.00	617.170
2/7/2015 23:00	1,110.90	81.52	70.8	9240	3.43	16.3	14,604,000.00	615.830
2/8/2015 0:00	1,107.70	81.55	70.8	9240	3.4	16.3	14,622,000.00	615.138
2/8/2015 1:00	1,109.10	81.54	70.8	9240	3.43	16.3	14,640,000.00	614.717
2/8/2015 2:00	1,110.40	81.55	70.8	9240	3.42	16.3	14,556,000.00	614.874
2/8/2015 3:00	1,104.00	81.48	70.8	9240	3.39	16.3	14,544,000.00	615.012
2/8/2015 4:00	1,103.10	81.44	70.8	9240	3.36	16.3	14,742,000.00	614.822
2/8/2015 5:00	1,118.20	81.40	70.8	9240	3.44	16.3	14,652,000.00	614.551
2/8/2015 6:00	1,111.30	81.57	70.8	9240	3.4	16.3	14,544,000.00	619.071
2/8/2015 7:00	1,103.10	81.42	70.8	9240	3.41	16.3	14,670,000.00	615.175
2/8/2015 8:00	1,112.70	81.36	70.8	9240	3.42	16.3	14,586,000.00	614.980
2/8/2015 9:00	1,106.30	81.32	70.8	9240	3.44	16.3	14,640,000.00	617.079
2/8/2015 10:00	1,110.40	81.28	70.8	9240	3.4	16.3	14,538,000.00	617.491
2/8/2015 11:00	1,102.70	81.25	70.8	9240	3.43	16.3	14,532,000.00	618.669
2/8/2015 12:00	1,102.20	81.31	70.8	9240	3.42	16.3	14,490,000.00	620.178
2/8/2015 13:00	1,099.00	81.22	70.8	9240	3.4	16.3	14,526,000.00	620.097
2/8/2015 14:00	1,101.80	81.31	70.8	9240	3.43	16.3	14,472,000.00	621.240
2/8/2015 15:00	1,097.70	81.29	70.8	9240	3.38	16.3	14,514,000.00	620.774
2/8/2015 16:00	1,100.90	81.20	70.8	9240	3.44	16.3	14,892,000.00	620.058
2/8/2015 17:00	1,129.50	81.25	70.8	9240	3.48	16.3	15,030,000.00	620.666
2/8/2015 18:00	1,133.50	81.41	70.8	9240	3.45	16.3	15,060,000.00	622.097
2/8/2015 19:00	1,142.30	81.41	70.8	9240	3.42	16.3	14,952,000.00	622.035
2/8/2015 20:00	1,134.10	81.40	70.8	9240	3.41	16.3	14,586,000.00	621.301
2/8/2015 21:00	1,106.30	81.41	70.8	9240	3.46	16.3	14,634,000.00	620.369
2/8/2015 22:00	1,103.60	81.39	70.8	9240	3.37	16.3	14,580,000.00	618.633
2/8/2015 23:00	1,105.90	81.39	70.8	9240	3.43	16.3	14,682,000.00	617.840
2/9/2015 0:00	1,113.60	81.41	70.8	9240	3.4	16.3	14,634,000.00	617.500
2/9/2015 1:00	1,110.00	81.44	70.8	9240	3.42	16.3	14,634,000.00	617.361
2/9/2015 2:00	1,110.00	81.48	70.8	9240	3.39	16.3	14,712,000.00	617.441
2/9/2015 3:00	1,115.90	81.43	70.8	9240	4.1	16.3	15,498,000.00	616.213
2/9/2015 4:00	1,128.50	81.39	70.8	9240	3.73	16.3	14,868,000.00	615.848
2/9/2015 5:00	1,108.40	81.75	70.8	9240	3.43	16.3	14,706,000.00	616.671
2/9/2015 6:00	1,115.40	81.81	70.8	9240	3.43	16.3	14,736,000.00	623.097
2/9/2015 7:00	1,117.70	81.76	70.8	9240	3.43	16.3	14,742,000.00	618.063
2/9/2015 8:00	1,118.20	81.65	70.8	9240	3.4	16.3	14,736,000.00	619.109
2/9/2015 9:00	1,117.70	81.60	70.8	9240	3.44	16.3	14,808,000.00	620.433
2/9/2015 10:00	1,123.20	81.67	70.8	9240	3.43	16.3	14,724,000.00	623.365
2/9/2015 11:00	1,116.80	81.57	70.8	9240	3.43	16.3	14,958,000.00	623.288
2/9/2015 12:00	1,134.50	81.53	70.8	9240	3.41	16.3	15,000,000.00	623.282
2/9/2015 13:00	1,137.70	81.65	70.8	9240	3.45	16.3	14,886,000.00	624.354
2/9/2015 14:00	1,129.10	81.53	70.8	9240	3.38	16.3	14,892,000.00	623.147
2/9/2015 15:00	1,129.50	81.44	70.8	9240	3.4	16.3	15,048,000.00	622.778
2/9/2015 16:00	1,141.40	81.47	70.8	9240	3.41	16.3	15,156,000.00	623.651
2/9/2015 17:00	1,149.60	81.45	70.8	9240	3.46	16.3	15,588,000.00	623.912
2/9/2015 18:00	1,175.60	81.55	70.8	9240	3.53	16.3	15,306,000.00	624.675
2/9/2015 19:00	1,154.30	81.40	70.8	9240	3.42	16.3	15,096,000.00	625.138
2/9/2015 20:00	1,145.00	81.25	70.8	9240	3.38	16.3	14,880,000.00	621.409
2/9/2015 21:00	1,128.60	81.23	70.8	9240	3.39	16.3	14,646,000.00	621.908
2/9/2015 22:00	1,110.90	81.22	70.8	9240	3.4	16.3	14,664,000.00	622.081
2/9/2015 23:00	1,112.20	81.22	70.8	9240	3.4	16.3	14,772,000.00	620.552
2/10/2015 0:00	1,120.40	81.23	70.8	9240	3.42	16.3	14,760,000.00	620.434
2/10/2015 1:00	1,119.50	81.24	70.8	9240	3.43	16.3	14,676,000.00	619.826
2/10/2015 2:00	1,113.10	81.25	70.8	9240	3.4	16.3	14,664,000.00	619.360
2/10/2015 3:00	1,112.20	81.22	70.8	9240	3.41	16.3	14,760,000.00	619.289
2/10/2015 4:00	1,119.50	81.24	70.8	9240	3.44	16.3	14,802,000.00	618.471
2/10/2015 5:00	1,122.70	81.43	70.8	9240	3.41	16.3	14,700,000.00	619.129
2/10/2015 6:00	1,115.00	81.47	70.8	9240	3.4	16.3	14,670,000.00	618.926
2/10/2015 7:00	1,112.70	81.54	70.8	9240	3.41	16.3	14,748,000.00	618.607
2/10/2015 8:00	1,118.60	81.37	70.8	9240	3.42	16.3	14,880,000.00	617.383
2/10/2015 9:00	1,128.60	81.46	70.8	9240	3.41	16.3	15,012,000.00	617.169
2/10/2015 10:00	1,138.60	81.58	70.8	9240	3.45	16.3	14,898,000.00	618.331
2/10/2015 11:00	1,130.00	81.56	70.8	9240	3.42	16.3	14,958,000.00	618.222

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
2/10/2015 12:00	1,134.50	81.52	70.8	9240	3.44	16.3	14,724,000.00	618.090
2/10/2015 13:00	1,116.80	81.74	70.8	9240	3.4	16.3	14,784,000.00	621.044
2/10/2015 14:00	1,121.30	81.36	70.8	9240	3.43	16.3	14,988,000.00	618.214
2/10/2015 15:00	1,136.80	81.45	70.8	9240	3.44	16.3	15,078,000.00	618.842
2/10/2015 16:00	1,143.60	81.42	70.8	9240	3.43	16.3	14,886,000.00	618.650
2/10/2015 17:00	1,129.10	81.43	70.8	9240	3.43	16.3	14,658,000.00	618.766
2/10/2015 18:00	1,111.80	81.51	70.8	9240	3.48	16.3	15,030,000.00	618.172
2/10/2015 19:00	1,133.50	81.28	70.8	9240	3.46	16.3	14,952,000.00	615.911
2/10/2015 20:00	1,127.60	81.27	70.8	9240	3.43	16.3	15,048,000.00	616.388
2/10/2015 21:00	1,141.40	81.30	70.8	9240	3.42	16.3	15,006,000.00	615.308
2/10/2015 22:00	1,138.20	81.25	70.8	9240	3.42	16.3	14,556,000.00	615.059
2/10/2015 23:00	1,104.00	81.26	70.8	9240	3.39	16.3	14,622,000.00	614.972
2/11/2015 0:00	1,109.10	81.31	70.8	9240	3.42	16.3	14,598,000.00	613.597
2/11/2015 1:00	1,107.20	81.34	70.8	9240	3.4	16.3	14,544,000.00	614.025
2/11/2015 2:00	1,103.10	81.29	70.8	9240	3.42	16.3	14,682,000.00	612.464
2/11/2015 3:00	1,113.60	81.25	70.8	9240	3.37	16.3	14,640,000.00	612.407
2/11/2015 4:00	1,110.40	81.29	70.8	9240	3.44	16.3	14,706,000.00	612.096
2/11/2015 5:00	1,115.40	81.48	70.8	9240	3.36	16.3	15,144,000.00	614.118
2/11/2015 6:00	1,148.60	81.60	73.8	9240	3.38	16.3	14,676,000.00	614.514
2/11/2015 7:00	1,113.10	84.72	70.8	9240	3.38	16.3	14,766,000.00	639.141
2/11/2015 8:00	1,120.00	81.50	70.8	9240	3.38	16.3	15,186,000.00	614.030
2/11/2015 9:00	1,151.80	81.60	73.2	9240	3.4	16.3	14,802,000.00	615.384
2/11/2015 10:00	1,122.70	83.95	70.8	9240	3.43	16.3	14,766,000.00	635.748
2/11/2015 11:00	1,120.00	81.48	70.8	9240	3.44	16.3	14,742,000.00	615.830
2/11/2015 12:00	1,118.20	81.47	70.8	9240	3.43	16.3	14,808,000.00	617.181
2/11/2015 13:00	1,123.20	81.49	70.8	9240	3.38	16.3	14,850,000.00	618.198
2/11/2015 14:00	1,126.30	81.49	70.8	9240	3.46	16.3	14,826,000.00	618.190
2/11/2015 15:00	1,118.10	81.42	70.8	9240	3.4	16.3	14,706,000.00	617.861
2/11/2015 16:00	1,115.40	81.33	70.8	9240	3.39	16.3	14,694,000.00	617.500
2/11/2015 17:00	1,114.50	81.37	70.8	9240	3.48	16.3	15,030,000.00	618.006
2/11/2015 18:00	1,133.50	81.56	70.8	9240	3.46	16.3	14,832,000.00	619.902
2/11/2015 19:00	1,118.60	81.44	70.8	9240	3.39	16.3	14,700,000.00	618.667
2/11/2015 20:00	1,115.00	81.05	70.8	9240	3.4	16.3	14,736,000.00	614.643
2/11/2015 21:00	1,117.70	80.92	70.8	9240	3.42	16.3	14,466,000.00	613.241
2/11/2015 22:00	1,097.20	80.94	70.8	9240	3.39	16.3	14,472,000.00	613.440
2/11/2015 23:00	1,097.70	81.16	70.8	9240	3.4	16.3	14,544,000.00	614.123
2/12/2015 0:00	1,103.10	81.34	70.8	9240	3.38	16.3	14,478,000.00	615.391
2/12/2015 1:00	1,098.10	81.32	70.8	9240	3.39	16.3	14,568,000.00	615.222
2/12/2015 2:00	1,105.00	81.23	70.8	9240	3.37	16.3	14,502,000.00	615.065
2/12/2015 3:00	1,100.00	81.24	70.8	9240	3.36	16.3	14,574,000.00	614.666
2/12/2015 4:00	1,105.40	81.30	70.9	9240	3.4	16.3	14,712,000.00	617.223
2/12/2015 5:00	1,115.90	81.63	70.9	9240	3.36	16.3	14,664,000.00	619.864
2/12/2015 6:00	1,112.20	81.73	71.4	9240	3.36	16.3	14,640,000.00	620.082
2/12/2015 7:00	1,110.40	82.19	70.8	9240	3.36	16.3	14,682,000.00	621.918
2/12/2015 8:00	1,113.60	81.46	70.8	9240	3.37	16.3	14,742,000.00	616.446
2/12/2015 9:00	1,118.20	81.60	70.8	9240	3.41	16.3	14,856,000.00	618.362
2/12/2015 10:00	1,126.80	81.52	70.8	9240	3.42	16.3	15,078,000.00	619.082
2/12/2015 11:00	1,143.60	81.53	70.8	9240	3.43	16.3	15,102,000.00	620.693
2/12/2015 12:00	1,145.50	81.61	70.8	9240	3.46	16.3	15,006,000.00	622.054
2/12/2015 13:00	1,131.70	81.56	70.8	9240	3.41	16.3	14,838,000.00	622.650
2/12/2015 14:00	1,125.40	81.47	70.8	9240	3.39	16.3	14,598,000.00	621.954
2/12/2015 15:00	1,107.20	81.46	70.8	9240	3.44	16.3	14,634,000.00	621.880
2/12/2015 16:00	1,110.00	81.46	70.8	9240	3.45	16.3	14,742,000.00	621.391
2/12/2015 17:00	1,111.80	81.55	70.8	9240	3.45	16.3	14,874,000.00	621.693
2/12/2015 18:00	1,121.70	81.62	70.8	9240	3.4	16.3	14,904,000.00	622.254
2/12/2015 19:00	1,130.40	81.45	70.8	9240	3.37	16.3	14,790,000.00	621.392
2/12/2015 20:00	1,121.80	81.29	70.8	9240	3.37	16.3	14,526,000.00	617.772
2/12/2015 21:00	1,101.80	81.27	70.8	9240	3.39	16.3	14,466,000.00	617.624
2/12/2015 22:00	1,097.20	81.33	70.8	9240	3.35	16.3	14,340,000.00	616.636
2/12/2015 23:00	1,087.70	81.39	70.8	9240	3.35	16.3	14,310,000.00	614.456
2/13/2015 0:00	1,085.40	81.37	70.8	9240	3.35	16.3	14,496,000.00	613.216
2/13/2015 1:00	1,105.80	81.39	71.4	9240	3.35	16.3	14,400,000.00	612.470
2/13/2015 2:00	1,092.20	82.00	70.8	9240	3.38	16.3	14,430,000.00	616.790
2/13/2015 3:00	1,094.50	81.36	70.8	9240	3.34	16.3	14,868,000.00	610.832
2/13/2015 4:00	1,134.20	81.36	73.1	9240	3.29	16.3	16,512,000.00	610.842
2/13/2015 5:00	1,259.60	83.94	82.8	9240	3.38	16.3	14,910,000.00	629.801
2/13/2015 6:00	1,130.90	94.04	73.8	9240	3.3	16.3	14,940,000.00	710.805
2/13/2015 7:00	1,139.60	84.72	73.8	9240	3.37	16.3	15,180,000.00	635.113
2/13/2015 8:00	1,151.40	84.72	73.8	9240	3.44	16.3	15,162,000.00	635.796
2/13/2015 9:00	1,150.00	84.81	72.3	9240	3.5	16.3	14,958,000.00	636.531
2/13/2015 10:00	1,128.10	83.24	70.8	9240	3.43	16.3	14,700,000.00	624.972
2/13/2015 11:00	1,115.00	81.68	70.8	9240	3.44	16.3	14,922,000.00	613.619
2/13/2015 12:00	1,131.80	81.62	70.8	9240	3.43	16.3	15,000,000.00	616.256
2/13/2015 13:00	1,137.70	81.65	70.8	9240	3.41	16.3	14,898,000.00	616.555
2/13/2015 14:00	1,130.00	81.63	70.8	9240	3.44	16.3	14,784,000.00	616.787

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
2/13/2015 15:00	1,121.30	81.66	70.8	9240	3.42	16.3	14,736,000.00	617.506
2/13/2015 16:00	1,117.70	81.62	70.8	9240	3.44	16.3	14,742,000.00	617.273
2/13/2015 17:00	1,118.20	81.66	70.8	9240	3.5	16.3	14,814,000.00	618.298
2/13/2015 18:00	1,117.20	81.69	70.8	9240	3.43	16.3	14,814,000.00	616.903
2/13/2015 19:00	1,123.60	81.50	70.8	9240	3.35	16.3	14,712,000.00	614.379
2/13/2015 20:00	1,115.90	81.49	70.8	9240	3.34	16.3	14,424,000.00	613.052
2/13/2015 21:00	1,100.30	81.53	70.8	9240	3.32	16.3	14,460,000.00	614.292
2/13/2015 22:00	1,103.00	81.53	70.8	9240	3.34	16.3	14,472,000.00	612.847
2/13/2015 23:00	1,103.90	81.50	70.8	9240	3.37	16.3	14,430,000.00	612.027
2/14/2015 0:00	1,094.50	81.48	70.8	9240	3.34	16.3	14,538,000.00	612.044
2/14/2015 1:00	1,109.00	81.46	70.8	9240	3.39	16.3	14,502,000.00	612.328
2/14/2015 2:00	1,100.00	81.35	70.8	9240	3.36	16.3	14,490,000.00	612.821
2/14/2015 3:00	1,099.00	81.32	70.8	9240	3.31	16.3	16,128,000.00	614.417
2/14/2015 4:00	1,230.30	81.29	79.7	9240	3.38	16.3	18,396,000.00	614.943
2/14/2015 5:00	1,395.30	90.38	93.1	9240	3.4	16.3	16,374,000.00	684.797
2/14/2015 6:00	1,241.90	104.25	81.9	9240	3.37	16.3	15,420,000.00	793.041
2/14/2015 7:00	1,169.60	92.80	76.2	9240	3.37	16.3	14,508,000.00	699.454
2/14/2015 8:00	1,100.40	87.00	70.8	9240	3.33	16.3	14,844,000.00	654.441
2/14/2015 9:00	1,132.30	81.39	70.8	9240	3.43	16.3	14,988,000.00	611.994
2/14/2015 10:00	1,136.80	81.25	70.8	9240	3.49	16.3	14,850,000.00	610.998
2/14/2015 11:00	1,119.90	81.21	70.8	9240	3.39	16.3	14,580,000.00	611.699
2/14/2015 12:00	1,105.90	81.26	70.8	9240	3.4	16.3	14,574,000.00	613.034
2/14/2015 13:00	1,105.40	81.26	70.8	9240	3.4	16.3	14,742,000.00	614.291
2/14/2015 14:00	1,118.20	81.19	70.8	9240	3.44	16.3	14,796,000.00	614.632
2/14/2015 15:00	1,122.20	81.12	70.8	9240	3.4	16.3	14,760,000.00	614.986
2/14/2015 16:00	1,119.50	81.13	70.8	9240	3.43	16.3	14,574,000.00	614.895
2/14/2015 17:00	1,105.40	81.21	70.8	9240	3.38	16.3	14,622,000.00	615.353
2/14/2015 18:00	1,109.10	81.28	70.8	9240	3.47	16.3	15,030,000.00	614.833
2/14/2015 19:00	1,133.50	81.37	70.8	9240	3.42	16.3	15,012,000.00	615.040
2/14/2015 20:00	1,138.60	81.29	70.8	9240	3.38	16.3	14,874,000.00	615.298
2/14/2015 21:00	1,128.20	81.29	70.8	9240	3.4	16.3	14,766,000.00	614.886
2/14/2015 22:00	1,120.00	81.28	70.8	9240	3.4	16.3	14,664,000.00	615.700
2/14/2015 23:00	1,112.20	81.34	70.8	9240	3.36	16.3	14,604,000.00	615.470
2/15/2015 0:00	1,107.70	81.37	70.8	9240	3.4	16.3	14,634,000.00	616.286
2/15/2015 1:00	1,110.00	81.28	70.8	9240	3.41	16.3	14,688,000.00	615.253
2/15/2015 2:00	1,114.10	81.28	70.8	9240	3.39	16.3	14,682,000.00	615.519
2/15/2015 3:00	1,113.60	81.32	70.8	9240	3.39	16.3	14,676,000.00	616.655
2/15/2015 4:00	1,113.10	81.34	70.8	9240	3.4	16.3	14,718,000.00	617.128
2/15/2015 5:00	1,116.30	81.28	70.8	9240	3.4	16.3	14,616,000.00	616.431
2/15/2015 6:00	1,108.60	81.34	70.8	9240	3.35	16.3	14,628,000.00	617.163
2/15/2015 7:00	1,109.50	81.29	70.8	9240	3.4	16.3	14,748,000.00	617.204
2/15/2015 8:00	1,118.60	81.24	70.8	9240	3.41	16.3	14,718,000.00	616.367
2/15/2015 9:00	1,116.30	81.15	70.8	9240	3.43	16.3	14,634,000.00	614.804
2/15/2015 10:00	1,110.00	81.12	70.8	9240	3.38	16.3	14,550,000.00	614.511
2/15/2015 11:00	1,103.60	81.15	70.8	9240	3.39	16.3	14,580,000.00	615.741
2/15/2015 12:00	1,105.90	81.11	70.8	9240	3.39	16.3	14,706,000.00	615.806
2/15/2015 13:00	1,115.40	81.11	70.8	9240	3.41	16.3	14,730,000.00	615.765
2/15/2015 14:00	1,117.20	81.10	70.8	9240	3.71	16.3	15,222,000.00	615.679
2/15/2015 15:00	1,134.80	81.10	70.8	9240	3.73	16.3	15,222,000.00	616.767
2/15/2015 16:00	1,134.80	81.20	70.8	9240	3.56	16.3	14,508,000.00	617.461
2/15/2015 17:00	1,087.80	81.25	70.8	9240	3.5	16.3	14,658,000.00	616.896
2/15/2015 18:00	1,105.40	81.35	70.8	9240	3.6	16.3	15,144,000.00	617.184
2/15/2015 19:00	1,135.50	81.36	70.8	9240	3.58	16.3	15,078,000.00	616.062
2/15/2015 20:00	1,130.60	81.34	70.8	9240	3.52	16.3	14,964,000.00	616.228
2/15/2015 21:00	1,128.50	81.42	70.8	9240	3.64	16.3	14,982,000.00	615.090
2/15/2015 22:00	1,123.40	81.43	70.8	9240	3.6	16.3	14,640,000.00	615.174
2/15/2015 23:00	1,097.70	81.46	70.8	9240	3.61	16.3	14,676,000.00	614.862
2/16/2015 0:00	1,100.40	81.39	70.8	9240	3.58	16.3	14,748,000.00	613.537
2/16/2015 1:00	1,105.80	81.36	70.8	9240	3.6	16.3	14,682,000.00	612.830
2/16/2015 2:00	1,100.90	81.42	70.8	9240	3.4	16.3	14,550,000.00	613.348
2/16/2015 3:00	1,103.60	81.41	70.8	9240	3.38	16.3	14,592,000.00	613.566
2/16/2015 4:00	1,106.80	81.39	70.8	9240	3.4	16.3	14,580,000.00	613.609
2/16/2015 5:00	1,105.90	81.72	70.8	9240	3.37	16.3	14,508,000.00	616.404
2/16/2015 6:00	1,100.40	81.66	70.8	9240	3.36	16.3	14,574,000.00	615.507
2/16/2015 7:00	1,105.40	81.51	70.8	9240	3.39	16.3	14,994,000.00	614.335
2/16/2015 8:00	1,137.30	81.48	70.8	9240	3.44	16.3	15,534,000.00	614.874
2/16/2015 9:00	1,178.20	81.46	70.8	9240	3.42	16.3	15,264,000.00	617.688
2/16/2015 10:00	1,157.70	81.44	70.8	9240	3.43	16.3	15,102,000.00	618.533
2/16/2015 11:00	1,145.50	81.43	70.8	9240	3.36	16.3	14,988,000.00	619.859
2/16/2015 12:00	1,136.80	81.52	70.8	9240	3.45	16.3	14,898,000.00	621.861
2/16/2015 13:00	1,130.00	81.47	70.8	9240	3.44	16.3	14,928,000.00	622.676
2/16/2015 14:00	1,132.30	81.47	70.8	9240	3.43	16.3	14,916,000.00	622.042
2/16/2015 15:00	1,131.40	81.46	70.8	9240	3.39	16.3	14,844,000.00	622.255
2/16/2015 16:00	1,125.90	81.51	70.8	9240	3.35	16.3	14,880,000.00	622.853
2/16/2015 17:00	1,128.60	81.48	70.8	9240	3.52	16.3	15,228,000.00	621.965

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
2/16/2015 18:00	1,148.40	81.48	70.8	9240	3.62	16.3	15,048,000.00	622.319
2/16/2015 19:00	1,128.30	81.37	70.8	9240	3.37	16.3	14,808,000.00	621.649
2/16/2015 20:00	1,123.20	81.28	70.8	9240	3.37	16.3	14,622,000.00	619.913
2/16/2015 21:00	1,109.10	81.28	70.8	9240	3.34	16.3	14,448,000.00	620.733
2/16/2015 22:00	1,102.10	81.30	70.8	9240	3.35	16.3	14,520,000.00	620.138
2/16/2015 23:00	1,101.30	81.28	70.8	9240	3.39	16.3	14,526,000.00	619.689
2/17/2015 0:00	1,101.80	81.21	70.8	9240	3.37	16.3	14,538,000.00	619.428
2/17/2015 1:00	1,102.70	81.19	70.8	9240	3.42	16.3	14,580,000.00	619.966
2/17/2015 2:00	1,105.90	81.24	70.8	9240	3.37	16.3	14,478,000.00	621.150
2/17/2015 3:00	1,098.10	81.24	70.8	9240	3.36	16.3	14,646,000.00	621.751
2/17/2015 4:00	1,110.90	81.22	70.8	9240	3.43	16.3	14,916,000.00	624.810
2/17/2015 5:00	1,131.40	81.40	70.8	9240	3.43	16.3	14,832,000.00	626.355
2/17/2015 6:00	1,125.00	81.49	70.8	9240	3.41	16.3	14,766,000.00	627.351
2/17/2015 7:00	1,120.00	81.63	70.8	9240	3.38	16.3	14,958,000.00	626.732
2/17/2015 8:00	1,134.50	81.59	70.8	9240	3.48	16.3	15,438,000.00	621.266
2/17/2015 9:00	1,164.30	81.54	70.8	9240	3.46	16.3	15,738,000.00	621.240
2/17/2015 10:00	1,186.90	81.58	70.8	9240	3.47	16.3	15,732,000.00	621.196
2/17/2015 11:00	1,186.40	81.62	70.8	9240	3.46	16.3	15,612,000.00	621.583
2/17/2015 12:00	1,177.40	81.65	70.8	9240	3.46	16.3	15,264,000.00	621.878
2/17/2015 13:00	1,151.10	81.54	70.8	9240	3.48	16.3	15,246,000.00	621.279
2/17/2015 14:00	1,149.80	81.51	70.8	9240	3.46	16.3	15,630,000.00	618.869
2/17/2015 15:00	1,178.70	81.56	70.8	9240	3.45	16.3	15,468,000.00	616.694
2/17/2015 16:00	1,166.50	81.64	70.8	9240	3.43	16.3	15,318,000.00	617.137
2/17/2015 17:00	1,161.80	81.61	70.8	9240	3.45	16.3	15,438,000.00	615.846
2/17/2015 18:00	1,170.90	81.64	70.8	9240	3.61	16.3	16,368,000.00	615.114
2/17/2015 19:00	1,227.30	81.29	70.8	9240	3.51	16.3	15,636,000.00	614.871
2/17/2015 20:00	1,179.20	81.26	70.8	9240	3.43	16.3	14,952,000.00	616.970
2/17/2015 21:00	1,134.10	81.10	70.8	9240	3.44	16.3	14,868,000.00	614.553
2/17/2015 22:00	1,127.70	80.90	70.8	9240	3.39	16.3	14,628,000.00	612.042
2/17/2015 23:00	1,109.50	81.25	70.8	9240	3.41	16.3	14,652,000.00	613.864
2/18/2015 0:00	1,111.30	81.30	70.8	9240	3.42	16.3	14,700,000.00	613.967
2/18/2015 1:00	1,115.00	81.25	70.8	9240	3.41	16.3	14,664,000.00	612.712
2/18/2015 2:00	1,112.20	81.25	70.8	9240	3.43	16.3	14,676,000.00	612.520
2/18/2015 3:00	1,113.10	81.33	70.8	9240	3.38	16.3	14,682,000.00	613.055
2/18/2015 4:00	1,113.60	81.31	70.8	9240	3.46	16.3	14,664,000.00	612.623
2/18/2015 5:00	1,105.90	81.51	70.8	9240	3.3	16.3	17,286,000.00	614.175
2/18/2015 6:00	1,318.60	81.48	85.4	9240	3.41	16.3	15,864,000.00	612.801
2/18/2015 7:00	1,203.30	96.25	78.1	9240	3.4	16.3	14,832,000.00	727.524
2/18/2015 8:00	1,125.00	88.67	71.6	9240	3.4	16.3	14,928,000.00	668.623
2/18/2015 9:00	1,132.30	82.06	70.8	9240	3.45	16.3	14,850,000.00	616.964
2/18/2015 10:00	1,119.90	81.31	70.8	9240	3.43	16.3	14,796,000.00	611.568
2/18/2015 11:00	1,122.20	81.33	70.8	9240	3.36	16.3	14,706,000.00	613.081
2/18/2015 12:00	1,115.40	81.30	70.8	9240	3.4	16.3	14,826,000.00	612.569
2/18/2015 13:00	1,124.50	81.26	70.8	9240	3.42	16.3	14,736,000.00	613.331
2/18/2015 14:00	1,117.70	81.13	70.8	9240	3.45	16.3	14,880,000.00	616.111
2/18/2015 15:00	1,128.60	81.11	70.8	9240	3.42	16.3	14,754,000.00	612.873
2/18/2015 16:00	1,119.10	81.13	70.8	9240	3.43	16.3	14,922,000.00	613.038
2/18/2015 17:00	1,131.80	81.26	70.8	9240	3.4	16.3	17,382,000.00	614.534
2/18/2015 18:00	1,318.40	81.60	83.3	9240	3.39	16.3	17,952,000.00	615.432
2/18/2015 19:00	1,361.60	94.35	87.8	9240	3.36	16.3	17,040,000.00	713.290
2/18/2015 20:00	1,292.50	98.74	82.6	9240	3.42	16.3	15,366,000.00	749.528
2/18/2015 21:00	1,165.50	93.36	74.2	9240	3.45	16.3	14,508,000.00	707.378
2/18/2015 22:00	1,100.40	84.86	70.8	9240	3.42	16.3	14,520,000.00	640.955
2/18/2015 23:00	1,101.30	81.37	70.8	9240	3.46	16.3	14,526,000.00	612.053
2/19/2015 0:00	1,095.50	81.37	70.8	9240	3.43	16.3	14,454,000.00	612.053
2/19/2015 1:00	1,096.30	81.35	70.8	9240	3.43	16.3	14,508,000.00	611.152
2/19/2015 2:00	1,100.40	81.38	70.8	9240	3.46	16.3	14,562,000.00	610.832
2/19/2015 3:00	1,098.20	81.39	70.8	9240	3.41	16.3	14,610,000.00	611.490
2/19/2015 4:00	1,108.10	81.26	70.8	9240	3.45	16.3	14,742,000.00	612.010
2/19/2015 5:00	1,118.20	81.53	70.8	9240	3.43	16.3	14,586,000.00	616.389
2/19/2015 6:00	1,106.30	81.60	70.8	9240	3.4	16.3	14,634,000.00	616.819
2/19/2015 7:00	1,110.00	81.53	70.8	9240	3.39	16.3	14,916,000.00	615.270
2/19/2015 8:00	1,131.40	81.42	70.8	9240	3.46	16.3	15,036,000.00	614.720
2/19/2015 9:00	1,133.90	81.71	70.8	9240	3.43	16.3	15,030,000.00	617.446
2/19/2015 10:00	1,140.00	81.55	70.8	9240	3.44	16.3	15,024,000.00	616.193
2/19/2015 11:00	1,139.50	81.59	70.8	9240	3.42	16.3	15,138,000.00	617.589
2/19/2015 12:00	1,148.20	81.48	70.8	9240	3.46	16.3	15,318,000.00	617.496
2/19/2015 13:00	1,155.20	81.49	70.8	9240	3.45	16.3	15,150,000.00	617.272
2/19/2015 14:00	1,149.10	81.40	70.8	9240	3.5	16.3	14,772,000.00	616.207
2/19/2015 15:00	1,114.00	81.40	70.8	9240	3.41	16.3	14,580,000.00	617.575
2/19/2015 16:00	1,105.90	81.44	70.8	9240	3.41	16.3	14,730,000.00	617.838
2/19/2015 17:00	1,117.20	81.52	71.1	9240	3.41	16.3	15,036,000.00	618.020
2/19/2015 18:00	1,140.50	81.85	72.5	9240	3.42	16.3	14,910,000.00	619.457
2/19/2015 19:00	1,130.90	83.06	70.8	9240	3.47	16.3	15,012,000.00	628.358
2/19/2015 20:00	1,132.10	81.31	70.8	9240	3.44	16.3	15,066,000.00	615.065

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
2/19/2015 21:00	1,142.70	81.31	70.8	9240	3.31	16.3	18,534,000.00	614.022
2/19/2015 22:00	1,413.80	81.31	92.7	9240	3.3	16.3	17,244,000.00	615.559
2/19/2015 23:00	1,315.40	103.77	88.4	9240	3.44	16.3	14,436,000.00	790.221
2/20/2015 0:00	1,094.90	99.29	71.2	9240	3.39	16.3	14,586,000.00	760.034
2/20/2015 1:00	1,106.30	81.71	71.2	9240	3.43	16.3	14,688,000.00	616.985
2/20/2015 2:00	1,114.10	81.75	71.9	9240	3.41	16.3	14,814,000.00	617.580
2/20/2015 3:00	1,123.60	82.37	71.8	9240	3.31	16.3	18,792,000.00	622.865
2/20/2015 4:00	1,433.50	82.34	97.2	9240	3.33	16.3	16,560,000.00	621.480
2/20/2015 5:00	1,263.20	108.66	85.4	9240	3.35	16.3	16,368,000.00	831.588
2/20/2015 6:00	1,248.60	96.67	80.8	9240	3.38	16.3	14,646,000.00	734.533
2/20/2015 7:00	1,110.90	91.89	71.2	9240	3.36	16.3	15,570,000.00	692.699
2/20/2015 8:00	1,181.00	82.02	73.6	9240	3.31	16.3	18,864,000.00	617.496
2/20/2015 9:00	1,439.00	84.45	91.8	9240	3.49	16.3	15,930,000.00	635.067
2/20/2015 10:00	1,201.40	103.08	76.7	9240	3.42	16.3	15,018,000.00	785.658
2/20/2015 11:00	1,139.10	87.64	72.6	9240	3.45	16.3	14,742,000.00	663.915
2/20/2015 12:00	1,111.80	83.54	70.8	9240	3.41	16.3	15,324,000.00	632.266
2/20/2015 13:00	1,162.30	81.65	70.8	9240	3.44	16.3	15,102,000.00	618.643
2/20/2015 14:00	1,145.50	81.61	70.8	9240	3.42	16.3	15,012,000.00	619.736
2/20/2015 15:00	1,138.60	81.52	70.8	9240	3.42	16.3	14,850,000.00	619.507
2/20/2015 16:00	1,126.30	81.48	70.8	9240	3.37	16.3	14,670,000.00	620.270
2/20/2015 17:00	1,112.70	81.54	70.8	9240	3.51	16.3	14,664,000.00	620.607
2/20/2015 18:00	1,105.90	81.56	70.8	9240	3.43	16.3	14,604,000.00	620.674
2/20/2015 19:00	1,107.70	81.35	70.8	9240	3.4	16.3	14,586,000.00	617.329
2/20/2015 20:00	1,106.30	81.32	70.8	9240	3.38	16.3	14,736,000.00	616.636
2/20/2015 21:00	1,117.70	81.39	70.8	9240	3.39	16.3	14,682,000.00	617.176
2/20/2015 22:00	1,113.60	81.40	70.8	9240	3.44	16.3	15,054,000.00	617.014
2/20/2015 23:00	1,141.80	81.31	70.8	9240	3.46	16.3	15,222,000.00	616.225
2/21/2015 0:00	1,148.00	81.33	70.8	9240	3.32	16.3	15,126,000.00	617.705
2/21/2015 1:00	1,153.80	81.36	70.8	9240	3.4	16.3	15,198,000.00	616.815
2/21/2015 2:00	1,152.70	81.33	70.8	9240	3.54	16.3	15,018,000.00	617.074
2/21/2015 3:00	1,132.60	81.28	70.8	9240	3.52	16.3	15,054,000.00	617.895
2/21/2015 4:00	1,135.30	81.21	70.8	9240	3.49	16.3	15,006,000.00	615.784
2/21/2015 5:00	1,131.70	81.22	70.8	9240	3.45	16.3	14,874,000.00	616.216
2/21/2015 6:00	1,121.70	81.32	70.8	9240	3.45	16.3	14,856,000.00	617.934
2/21/2015 7:00	1,126.80	81.26	70.8	9240	3.44	16.3	14,988,000.00	617.155
2/21/2015 8:00	1,136.80	81.19	70.8	9240	3.4	16.3	14,778,000.00	617.842
2/21/2015 9:00	1,120.90	81.10	70.8	9240	3.4	16.3	14,694,000.00	620.266
2/21/2015 10:00	1,114.50	81.04	70.8	9240	3.44	16.3	14,736,000.00	622.481
2/21/2015 11:00	1,117.70	81.16	70.8	9240	3.45	16.3	14,766,000.00	617.836
2/21/2015 12:00	1,113.60	81.21	70.8	9240	3.5	16.3	15,042,000.00	616.931
2/21/2015 13:00	1,134.40	81.23	70.8	9240	3.5	16.3	15,000,000.00	617.800
2/21/2015 14:00	1,131.20	81.22	70.8	9240	3.47	16.3	14,730,000.00	618.192
2/21/2015 15:00	1,110.90	81.20	70.8	9240	3.44	16.3	14,652,000.00	618.439
2/21/2015 16:00	1,111.30	81.19	70.8	9240	3.43	16.3	14,718,000.00	618.405
2/21/2015 17:00	1,116.30	81.18	70.8	9240	3.45	16.3	14,706,000.00	618.720
2/21/2015 18:00	1,115.40	81.33	70.8	9240	3.44	16.3	14,730,000.00	618.898
2/21/2015 19:00	1,117.20	81.30	70.8	9240	3.44	16.3	14,730,000.00	618.929
2/21/2015 20:00	1,117.20	81.28	70.8	9240	3.47	16.3	15,132,000.00	619.178
2/21/2015 21:00	1,141.20	81.32	70.8	9240	3.51	16.3	15,240,000.00	619.289
2/21/2015 22:00	1,149.30	81.36	70.8	9240	3.45	16.3	15,204,000.00	619.802
2/21/2015 23:00	1,146.60	81.33	70.8	9240	3.46	16.3	15,108,000.00	618.855
2/22/2015 0:00	1,139.40	81.36	70.8	9240	3.46	16.3	14,712,000.00	619.241
2/22/2015 1:00	1,109.50	81.34	70.8	9240	3.44	16.3	14,688,000.00	619.090
2/22/2015 2:00	1,114.10	81.29	70.8	9240	3.47	16.3	14,802,000.00	618.077
2/22/2015 3:00	1,116.30	81.33	70.8	9240	3.43	16.3	14,856,000.00	619.056
2/22/2015 4:00	1,126.80	81.29	70.8	9240	3.44	16.3	14,838,000.00	618.881
2/22/2015 5:00	1,125.40	81.32	70.8	9240	3.46	16.3	14,784,000.00	618.547
2/22/2015 6:00	1,114.90	81.32	70.8	9240	3.42	16.3	14,802,000.00	618.498
2/22/2015 7:00	1,122.70	81.22	70.8	9240	3.47	16.3	14,844,000.00	617.315
2/22/2015 8:00	1,119.50	81.20	70.8	9240	3.44	16.3	14,814,000.00	618.433
2/22/2015 9:00	1,123.60	81.15	70.8	9240	3.43	16.3	14,724,000.00	621.717
2/22/2015 10:00	1,116.80	81.08	70.8	9240	3.46	16.3	14,670,000.00	622.398
2/22/2015 11:00	1,106.30	80.87	70.8	9240	3.44	16.3	14,514,000.00	622.083
2/22/2015 12:00	1,100.90	80.93	70.8	9240	3.44	16.3	14,514,000.00	620.261
2/22/2015 13:00	1,100.90	80.99	70.8	9240	3.47	16.3	14,610,000.00	616.987
2/22/2015 14:00	1,101.80	80.97	70.8	9240	3.46	16.3	14,586,000.00	617.176
2/22/2015 15:00	1,100.00	80.95	70.8	9240	3.44	16.3	14,580,000.00	617.063
2/22/2015 16:00	1,105.90	80.95	70.8	9240	3.44	16.3	14,652,000.00	617.170
2/22/2015 17:00	1,111.30	81.05	70.8	9240	3.42	16.3	15,066,000.00	617.985
2/22/2015 18:00	1,142.70	81.38	72.3	9240	3.44	16.3	14,760,000.00	619.968
2/22/2015 19:00	1,119.50	82.97	70.8	9240	3.47	16.3	15,132,000.00	631.685
2/22/2015 20:00	1,141.20	81.42	70.8	9240	3.5	16.3	15,240,000.00	619.714
2/22/2015 21:00	1,149.30	81.48	70.8	9240	3.49	16.3	15,240,000.00	620.214
2/22/2015 22:00	1,149.30	81.47	70.8	9240	3.43	16.3	15,132,000.00	620.642
2/22/2015 23:00	1,147.70	81.47	70.8	9240	3.48	16.3	14,916,000.00	619.498

Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
2/23/2015 0:00	1,124.90	81.50	70.8	9240	3.46	16.3	14,772,000.00	620.488
2/23/2015 1:00	1,114.00	81.47	70.8	9240	3.46	16.3	14,796,000.00	618.801
2/23/2015 2:00	1,115.80	81.47	70.8	9240	3.45	16.3	14,838,000.00	618.233
2/23/2015 3:00	1,125.40	81.46	70.8	9240	3.44	16.3	14,808,000.00	619.039
2/23/2015 4:00	1,123.20	81.48	70.8	9240	3.48	16.3	14,898,000.00	619.020
2/23/2015 5:00	1,123.50	81.71	70.8	9240	3.46	16.3	14,820,000.00	621.209
2/23/2015 6:00	1,117.60	81.74	70.8	9240	3.43	16.3	14,766,000.00	621.441
2/23/2015 7:00	1,120.00	81.71	70.8	9240	3.47	16.3	15,054,000.00	621.739
2/23/2015 8:00	1,135.30	81.64	70.8	9240	3.47	16.3	15,432,000.00	621.504
2/23/2015 9:00	1,163.80	81.67	70.8	9240	3.47	16.3	15,192,000.00	621.721
2/23/2015 10:00	1,145.70	81.71	70.8	9240	3.46	16.3	15,162,000.00	622.604
2/23/2015 11:00	1,143.40	81.67	70.8	9240	3.47	16.3	15,090,000.00	623.530
2/23/2015 12:00	1,138.00	81.67	70.8	9240	3.44	16.3	14,988,000.00	623.930
2/23/2015 13:00	1,136.80	81.69	70.8	9240	3.47	16.3	15,060,000.00	624.649
2/23/2015 14:00	1,135.70	81.66	70.8	9240	3.43	16.3	15,072,000.00	624.612
2/23/2015 15:00	1,143.20	81.59	70.8	9240	3.46	16.3	15,216,000.00	624.156
2/23/2015 16:00	1,147.50	81.65	70.8	9240	3.46	16.3	15,144,000.00	624.734
2/23/2015 17:00	1,142.10	81.83	70.8	9240	3.46	16.3	15,000,000.00	626.440
2/23/2015 18:00	1,131.20	81.62	70.8	9240	3.46	16.3	14,784,000.00	624.725
2/23/2015 19:00	1,114.90	81.55	70.8	9240	3.46	16.3	14,724,000.00	622.441
2/23/2015 20:00	1,110.40	81.42	70.8	9240	3.45	16.3	14,622,000.00	620.811
2/23/2015 21:00	1,109.10	81.21	70.8	9240	3.44	16.3	14,736,000.00	618.966
2/23/2015 22:00	1,117.70	81.06	70.8	9240	3.53	16.3	15,162,000.00	617.384
2/23/2015 23:00	1,143.40	81.07	70.8	9240	3.54	16.3	15,198,000.00	616.506
2/24/2015 0:00	1,146.20	81.10	70.8	9240	3.45	16.3	15,156,000.00	617.831
2/24/2015 1:00	1,149.60	81.20	70.8	9240	3.49	16.3	14,898,000.00	615.959
2/24/2015 2:00	1,123.50	81.48	70.8	9240	3.47	16.3	14,628,000.00	617.886
2/24/2015 3:00	1,103.20	81.51	70.8	9240	3.47	16.3	14,730,000.00	617.241
2/24/2015 4:00	1,110.90	81.48	70.8	9240	3.49	16.3	14,730,000.00	616.425
2/24/2015 5:00	1,110.90	81.70	70.8	9240	3.47	16.3	14,694,000.00	617.422
2/24/2015 6:00	1,108.10	81.65	70.8	9240	3.46	16.3	14,796,000.00	616.937
2/24/2015 7:00	1,115.80	81.70	70.8	9240	3.47	16.3	15,024,000.00	617.310
2/24/2015 8:00	1,133.00	81.77	70.8	9240	3.49	16.3	15,162,000.00	617.339
2/24/2015 9:00	1,143.40	81.76	70.8	9240	3.45	16.3	14,976,000.00	617.894
2/24/2015 10:00	1,129.40	81.75	70.8	9240	3.47	16.3	14,982,000.00	618.878
2/24/2015 11:00	1,129.90	81.76	70.8	9240	3.47	16.3	15,048,000.00	620.415
2/24/2015 12:00	1,134.80	81.79	70.8	9240	3.4	16.3	14,856,000.00	621.747
2/24/2015 13:00	1,126.80	81.78	70.8	9240	3.45	16.3	14,880,000.00	622.582
2/24/2015 14:00	1,122.20	81.77	70.8	9240	3.42	16.3	14,856,000.00	622.493
2/24/2015 15:00	1,126.80	81.80	70.8	9240	3.45	16.3	14,802,000.00	621.508
2/24/2015 16:00	1,116.30	81.74	70.8	9240	3.42	16.3	14,838,000.00	620.213
2/24/2015 17:00	1,125.40	81.75	70.8	9240	3.42	16.3	14,652,000.00	620.190
2/24/2015 18:00	1,111.30	81.80	70.8	9240	3.41	16.3	14,658,000.00	620.040
2/24/2015 19:00	1,111.80	81.57	70.8	9240	3.45	16.3	14,604,000.00	617.204
2/24/2015 20:00	1,101.40	81.50	70.8	9240	3.43	16.3	14,640,000.00	616.089
2/24/2015 21:00	1,110.40	81.51	70.8	9240	3.45	16.3	14,640,000.00	615.598
2/24/2015 22:00	1,110.40	81.52	70.8	9240	3.44	16.3	14,628,000.00	615.169
2/24/2015 23:00	1,109.50	81.51	70.8	9240	3.42	16.3	14,610,000.00	614.791
2/25/2015 0:00	1,108.10	81.54	70.8	9240	3.43	16.3	14,574,000.00	614.392
2/25/2015 1:00	1,105.40	81.52	70.8	9240	3.45	16.3	14,940,000.00	614.283
2/25/2015 2:00	1,126.70	81.54	70.8	9240	3.51	16.3	15,102,000.00	614.253
2/25/2015 3:00	1,138.90	81.58	70.8	9240	3.45	16.3	15,114,000.00	615.119
2/25/2015 4:00	1,139.80	81.58	70.8	9240	3.48	16.3	15,102,000.00	615.715
2/25/2015 5:00	1,138.90	81.76	70.8	9240	3.45	16.3	14,556,000.00	616.403
2/25/2015 6:00	1,104.00	81.83	70.8	9240	3.41	16.3	14,670,000.00	617.712
2/25/2015 7:00	1,112.70	81.75	70.8	9240	3.42	16.3	14,814,000.00	615.676
2/25/2015 8:00	1,123.60	81.69	70.8	9240	3.42	16.3	14,868,000.00	614.837
2/25/2015 9:00	1,127.70	81.77	70.8	9240	3.43	16.3	15,030,000.00	615.921
2/25/2015 10:00	1,140.00	81.78	70.8	9240	3.49	16.3	15,330,000.00	616.608
2/25/2015 11:00	1,156.10	81.62	70.8	9240	3.39	16.3	15,414,000.00	619.728
2/25/2015 12:00	1,169.10	81.63	70.8	9240	3.45	16.3	15,414,000.00	620.468
2/25/2015 13:00	1,169.10	81.61	70.8	9240	3.52	16.3	15,462,000.00	621.394
2/25/2015 14:00	1,166.10	81.56	70.8	9240	3.49	16.3	15,312,000.00	621.622
2/25/2015 15:00	1,154.80	81.69	70.8	9240	3.47	16.3	15,222,000.00	620.969
2/25/2015 16:00	1,148.00	81.80	70.8	9240	3.44	16.3	15,156,000.00	619.354
2/25/2015 17:00	1,149.60	81.79	70.8	9240	3.43	16.3	15,108,000.00	619.276
2/25/2015 18:00	1,145.90	81.74	70.8	9240	3.47	16.3	14,652,000.00	619.626
2/25/2015 19:00	1,105.00	81.49	70.8	9240	3.45	16.3	14,616,000.00	618.236
2/25/2015 20:00	1,108.60	81.42	70.8	9240	3.45	16.3	14,664,000.00	618.018
2/25/2015 21:00	1,112.20	81.42	70.8	9240	3.41	16.3	14,676,000.00	619.240
2/25/2015 22:00	1,113.10	81.39	70.8	9240	3.46	16.3	14,760,000.00	620.950
2/25/2015 23:00	1,113.10	81.46	70.8	9240	3.5	16.3	15,174,000.00	623.270
2/26/2015 0:00	1,144.30	81.46	70.8	9240	3.52	16.3	15,324,000.00	624.370
2/26/2015 1:00	1,155.70	81.49	70.8	9240	3.5	16.3	15,660,000.00	627.115
2/26/2015 2:00	1,181.00	81.51	70.8	9240	3.58	16.3	15,858,000.00	624.935



Date/Time	HTIP (MMBTUHR)	LOAD (MW) GROSS	LOAD (MW) NET	F FACTOR	O2 (PCT)	PERCENT_H2O	STACK_FLOW_SCFH	STEAM FLOW (KPPH)
2/26/2015 3:00	1,189.10	81.49	70.8	9240	3.46	16.3	14,784,000.00	622.412
2/26/2015 4:00	1,114.90	81.50	70.8	9240	3.46	16.3	14,676,000.00	620.764
2/26/2015 5:00	1,106.80	81.59	70.8	9240	3.45	16.3	14,592,000.00	619.722
2/26/2015 6:00	1,106.80	81.72	70.8	9240	3.46	16.3	14,580,000.00	620.138
2/26/2015 7:00	1,099.50	81.78	70.8	9240	3.44	16.3	14,490,000.00	619.366
2/26/2015 8:00	1,099.00	81.78	70.8	9240	3.46	16.3	14,520,000.00	618.776
2/26/2015 9:00	1,095.00	81.90	70.8	9240	3.41	16.3	14,478,000.00	619.239
2/26/2015 10:00	1,098.10	81.82	70.8	9240	3.34	16.3	14,586,000.00	617.520
2/26/2015 11:00	1,112.60	81.81	70.8	9240	3.46	16.3	15,408,000.00	616.956
2/26/2015 12:00	1,162.00	81.67	70.8	9240	3.53	16.3	15,516,000.00	617.483
2/26/2015 13:00	1,170.10	81.57	70.8	9240	3.48	16.3	15,192,000.00	617.584
2/26/2015 14:00	1,145.70	81.61	70.8	9240	3.47	16.3	15,132,000.00	618.716
2/26/2015 15:00	1,141.20	81.57	70.8	9240	3.48	16.3	15,000,000.00	617.818
2/26/2015 16:00	1,131.20	81.53	70.8	9240	3.46	16.3	15,432,000.00	618.423
2/26/2015 17:00	1,163.80	81.61	71.9	9240	3.41	16.3	16,026,000.00	619.231
2/26/2015 18:00	1,215.50	82.70	76.3	9240	3.43	16.3	15,096,000.00	627.633
2/26/2015 19:00	1,145.00	86.97	73.1	9240	3.44	16.3	14,622,000.00	661.678
2/26/2015 20:00	1,109.10	83.68	70.8	9240	3.42	16.3	14,580,000.00	635.507
2/26/2015 21:00	1,105.90	81.33	70.8	9240	3.39	16.3	14,676,000.00	616.200
2/26/2015 22:00	1,113.10	81.36	70.8	9240	3.49	16.3	14,970,000.00	615.527
2/26/2015 23:00	1,129.00	81.40	70.8	9240	3.44	16.3	15,174,000.00	615.325
2/27/2015 0:00	1,150.90	81.44	70.8	9240	3.41	16.3	15,180,000.00	616.398
2/27/2015 1:00	1,151.40	81.48	70.8	9240	3.45	16.3	14,892,000.00	616.267
2/27/2015 2:00	1,123.10	81.46	70.8	9240	3.42	16.3	14,544,000.00	615.927
2/27/2015 3:00	1,103.10	81.73	70.8	9240	3.4	16.3	14,676,000.00	615.643
2/27/2015 4:00	1,113.10	81.79	70.8	9240	3.47	16.3	14,598,000.00	613.118
2/27/2015 5:00	1,100.90	82.01	70.8	9240	3.42	16.3	14,676,000.00	614.402
2/27/2015 6:00	1,113.10	81.68	70.8	9240	3.42	16.3	14,652,000.00	614.402
2/27/2015 7:00	1,111.30	81.61	70.8	9240	3.44	16.3	14,886,000.00	615.174
2/27/2015 8:00	1,129.10	81.61	70.8	9240	3.46	16.3	15,030,000.00	615.709
2/27/2015 9:00	1,133.50	81.59	70.8	9240	3.45	16.3	15,036,000.00	615.866
2/27/2015 10:00	1,133.90	81.71	70.8	9240	3.44	16.3	15,066,000.00	616.831
2/27/2015 11:00	1,142.70	81.60	70.8	9240	3.43	16.3	15,102,000.00	615.987
2/27/2015 12:00	1,145.50	81.56	70.8	9240	3.38	16.3	15,042,000.00	615.916
2/27/2015 13:00	1,140.90	81.68	70.8	9240	3.42	16.3	15,354,000.00	616.984
2/27/2015 14:00	1,164.60	81.64	70.8	9240	3.5	16.3	15,066,000.00	617.142
2/27/2015 15:00	1,136.20	81.57	70.8	9240	3.44	16.3	14,856,000.00	616.767
2/27/2015 16:00	1,126.80	81.58	70.8	9240	3.47	16.3	14,730,000.00	617.243
2/27/2015 17:00	1,110.90	81.57	70.8	9240	3.39	16.3	14,508,000.00	616.711
2/27/2015 18:00	1,100.40	81.70	70.8	9240	3.42	16.3	14,598,000.00	617.225
2/27/2015 19:00	1,107.20	81.44	71.2	9240	3.44	16.3	14,658,000.00	614.501
2/27/2015 20:00	1,111.80	81.82	71.0	9240	3.42	16.3	14,610,000.00	616.834
2/27/2015 21:00	1,108.10	81.64	70.8	9240	3.42	16.3	14,628,000.00	616.144
2/27/2015 22:00	1,109.50	81.37	70.8	9240	4.11	16.3	15,396,000.00	613.968
2/27/2015 23:00	1,121.00	81.37	70.8	9240	4.91	16.3	16,518,000.00	613.976
2/28/2015 0:00	1,145.50	81.53	70.8	9240	4.23	16.3	15,792,000.00	614.706
2/28/2015 1:00	1,143.00	81.55	70.8	9240	4.33	16.3	16,092,000.00	617.514
2/28/2015 2:00	1,157.80	81.56	70.8	9240	3.71	16.3	15,084,000.00	618.692
2/28/2015 3:00	1,124.50	81.58	70.8	9240	3.41	16.3	14,724,000.00	622.572
2/28/2015 4:00	1,116.80	81.48	70.8	9240	3.5	16.3	14,748,000.00	615.729
2/28/2015 5:00	1,112.20	81.45	70.8	9240	3.42	16.3	14,700,000.00	615.924
2/28/2015 6:00	1,115.00	81.43	70.8	9240	3.43	16.3	14,790,000.00	616.366
2/28/2015 7:00	1,121.80	81.33	70.8	9240	3.45	16.3	14,796,000.00	615.541
2/28/2015 8:00	1,122.20	81.32	70.8	9240	3.39	16.3	14,712,000.00	616.346
2/28/2015 9:00	1,115.90	81.27	70.8	9240	3.43	16.3	14,844,000.00	616.709
2/28/2015 10:00	1,125.90	81.23	70.8	9240	3.44	16.3	14,958,000.00	618.365
2/28/2015 11:00	1,134.50	81.24	70.8	9240	3.46	16.3	15,138,000.00	618.144
2/28/2015 12:00	1,141.60	81.28	70.8	9240	3.41	16.3	15,096,000.00	618.846
2/28/2015 13:00	1,145.00	81.25	70.8	9240	3.48	16.3	15,342,000.00	619.231
2/28/2015 14:00	1,157.00	81.20	70.8	9240	3.46	16.3	15,186,000.00	619.770
2/28/2015 15:00	1,145.20	81.20	70.8	9240	3.42	16.3	15,222,000.00	618.124
2/28/2015 16:00	1,154.60	81.34	70.8	9240	3.45	16.3	15,102,000.00	618.696
2/28/2015 17:00	1,145.50	81.35	70.8	9240	3.43	16.3	14,760,000.00	618.408
2/28/2015 18:00	1,119.50	81.44	70.8	9240	3.44	16.3	14,748,000.00	618.597
2/28/2015 19:00	1,118.60	81.44	70.8	9240	3.42	16.3	14,832,000.00	618.048
2/28/2015 20:00	1,125.00	81.35	70.8	9240	3.44	16.3	14,838,000.00	616.794
2/28/2015 21:00	1,125.40	81.31	70.8	9240	3.4	16.3	14,778,000.00	615.782
2/28/2015 22:00	1,120.90	81.37	70.8	9240	3.43	16.3	14,838,000.00	616.471
2/28/2015 23:00	1,125.40	81.37	70.8	9240	3.46	16.3	15,444,000.00	616.605