



# 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: FLORIDA POWER & LIGHT (PMT)	
2. Site Name: MANATEE POWER PLANT	
3. Facility Identification Number: 0810010	
4. Facility Location... Street Address or Other Locator: Florida Power & Light Manatee Power Plant State Rd 62 City: PARRISH County: MANATEE Zip Code: 34219-9220	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Title V Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

#### Application Contact

1. Application Contact Name: Kevin Washington Project Manager	
2. Application Contact Mailing Address... Organization/Firm: FLORIDA POWER & LIGHT COMPANY Street Address: 700 UNIVERSE BLVD City: JUNO BEACH State: FL Zip Code: 33408	
3. Application Contact Telephone Numbers... Telephone: (561) - 691-2877 ext. Fax: ( ) -	
4. Application Contact E-mail Address: <a href="mailto:Kevin.Washington@fpl.com">Kevin.Washington@fpl.com</a>	

#### 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):



# Department of Environmental Protection

## Division of Air Resource Management

### APPLICATION FOR AIR PERMIT - LONG FORM

#### 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.

**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

The purpose of this application is five-fold: To incorporate the Manatee GE.04 project air construction application (0810010-020-AC) into the current Title V permit; Incorporate applicable language regarding the Mercury and Air Toxics (MATS) rule and Major Source Industrial Boiler MACT rule; revise testing language to match the March 9<sup>th</sup>, 2015 effective FL Rule 62-297 FAC revisions; Include the ability to utilize an Alternate Sampling Procedure (ASP) for ammonia slip testing granted in a letter from the Department on March 18, 2015; and to memorialize FPL's ability to remove the Continuous Opacity Monitoring Systems (COMS) from Units 1 and 2 provided certain condition(s) are continually met. Attached to this application are FPL's proposed revisions to the permit as well as the March 18<sup>th</sup> letter from the Department granting the ASP for ammonia slip testing.

**Scope of Application**

<b>Emissions Unit ID Number</b>	<b>Description of Emissions Unit</b>	<b>Air Permit Type</b>	<b>Air Permit Processing Fee</b>
001	Fossil Fuel Steam Generator, Unit 1-Phase II Acid Rain Unit		N/A
002	Fossil Fuel Steam Generator, Unit 2-Phase II Acid Rain Unit		N/A
005	Unit No. 3A Gas Turbine (nominal <del>170</del> 184 MW) with Heat Recovery Steam Generator		N/A
006	Unit No. 3B Gas Turbine (nominal <del>170</del> 184 MW) with Heat Recovery Steam Generator		N/A
007	Unit No. 3C Gas Turbine (nominal <del>170</del> 184 MW) with Heat Recovery Steam Generator		N/A
008	Unit No. 3D Gas Turbine (nominal <del>170</del> 184 MW) with Heat Recovery Steam Generator		N/A

**Application Processing Fee**

**Check one:** ☐ Attached - Amount: \$\_\_\_\_\_ ☒ Not Applicable

**Owner/Authorized Representative Statement****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>  <div style="display: flex; justify-content: space-between;"><div>_____ Signature</div><div>_____ Date</div></div>

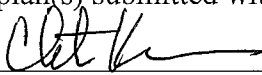
**Application Responsible Official Certification**

**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: Christian Kiernan
2.	<p>Application Responsible Official Qualification (Check one or more of the following options, as applicable):</p> <p><input 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.</p> <p><input type="checkbox"/> For a partnership or sole proprietorship, a general partner or the proprietor, respectively.</p> <p><input type="checkbox"/> For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official.</p> <p><input checked="" type="checkbox"/> The designated representative at an Acid Rain source or CAIR source.</p>
3.	<p>Application Responsible Official Mailing Address...</p> <p>Organization/Firm: FLORIDA POWER &amp; LIGHT COMPANY</p> <p>Street Address: 700 UNIVERSE BLVD</p> <p>City: JUNO BEACH State: FL Zip Code: 33408</p>
4.	<p>Application Responsible Official Telephone Numbers...</p> <p>Telephone: (561 ) - 691-2781 ext. Fax: ( ) -</p>
5.	Application Responsible Official E-mail Address: <u>Christian.Kiernan@fpl.com</u>

6. Application Responsible Official Certification:

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.

  
Signature

4/1/15  
Date

### Professional Engineer Certification

1. Professional Engineer Name: Edward Preast Registration Number: 33225
2. Professional Engineer Mailing Address... Organization/Firm: FLORIDA POWER & LIGHT COMPANY Street Address: 700 UNIVERSE BLVD City: JUNO BEACH State: FL Zip Code: 33408
3. Professional Engineer Telephone Numbers... Telephone: (561) - 691-2679 ext. Fax: ( ) - ( )
4. Professional Engineer E-mail Address: <u>Ed.Prest@fpl.com</u>
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 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 has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.</i> <div style="display: flex; justify-content: space-between;"><div>Signature <u>Edward Preast</u> (seal)</div><div>Date <u>March 31, 2015</u></div></div>

\* Attach any exception to certification statement.