



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

Permittee:

Calpine Operating Services Company, Inc.
Auburndale Energy Complex

Final Permit No. 1050221-015-AV

Facility ID No. 1050221

SIC No. 4911

Project: Title V Air Operation Permit Revision -
CAIR Part

The purpose of this permit is for the revision of the Title V air operation permit to include the Clean Air Interstate Rule (CAIR) Part as an enforceable section of the permit. This project revises Title V air operation permit No. 1050221-013-AV, which was effective January 1, 2008. This existing facility is located at 1501 Derby Avenue and 1651 Derby Avenue, Auburndale, Polk County; UTM Coordinates: Zone 17, 420.8 km East and 3103.3 km North.

The entire facility is known as the Auburndale Energy Complex and consists of two locations, three plants and three owners as follows:

- Location: 1501 Derby Avenue, Auburndale, Florida
Auburndale Power Plant owned by the Auburndale Power Partners, L.P.
Auburndale Peak Energy Center owned by the Auburndale Peaker Energy Center, LLC.
- Location: 1651 Derby Avenue, Auburndale, Florida
Osprey Energy Center owned by the Calpine Construction Finance Company, L.P.

Calpine Operating Services Company, Inc. operates all of the units at these plants. The nominal generating capacity of the plant is 816 megawatts (MW).

This Title V air operation permit revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

- Appendix A. Citation Formats
- Appendix B. General Conditions
- Appendix C. Common Conditions
- Appendix D. NSPS Subpart A, General Provisions
- Appendix E. NSPS Subpart Da Provisions, Electric Utility Steam Generating Units
- Appendix F. NSPS Subpart GG Provisions, Stationary Gas Turbines
- Appendix G. Permit History
- Appendix H. Insignificant Emissions Units and Activities
- Appendix I. Unregulated Emissions Units
- Appendix V. Title V Conditions

1050221-013-AV Effective Date: January 1, 2008

1050221-014-AV Effective Date: April 4, 2008

Revision Effective Date: January 30, 2009

Renewal Application Due Date: May 20, 2012

Expiration Date: December 31, 2012

Joseph Kahn, Director
Division of Air Resource Management

JK/tlv/jkh/sms