



# Florida Department of Environmental Protection

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

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Mimi A. Drew  
Secretary

## PERMITTEE

Calpine Corporation  
717 Texas Avenue, Suite 1000  
Houston, Texas 77002

Auburndale Peaker Energy Center/Osprey Energy Center DEP File No. 1050334-009-AC SIC No. 4911 Expires: December 31, 2010
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### Authorized Representative:

Mr. Jason Goodwin, Director – Environmental, Health  
and Safety

## PROJECT

This permit modification revises certain specific conditions of air construction permits 1050221-004-AC and PSD-FL-287 that authorized the original construction of the Auburndale Peaker Energy Center and the Osprey Energy Center, respectively. The plant complex consists of a combination of simple cycle and combined cycle combustion turbines. The nominal generating capacity of the complex is 660 megawatts (MW). The plant site is located at 1651 West Derby Avenue, Auburndale, Florida, in Polk County. The reference Universal Transverse Mercator (UTM) Coordinates are Zone 17, 420.8 kilometers (km) East and 3103.3 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions).

## STATEMENT OF BASIS

This air pollution construction permit modification is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.) and Title 40, Parts 60 and 63 of the Code of Federal Regulations (CFR). The permittee is authorized to install the proposed equipment in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

  
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Joseph Kahn, Director  
Division of Air Resource Management

10/4/10  
\_\_\_\_\_  
(Date)

## CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit Package (including the Final Permit and Final Determination), or a link to these documents available electronically on a publicly accessible server, was sent by electronic mail with received receipt requested to the persons listed below:

Mr. Jason Goodwin, Director – Environmental, Health and Safety, Calpine Corporation:

[jgoodwin@calpine.com](mailto:jgoodwin@calpine.com)

Ms. Cindy Zhang-Torres, Southwest District Office: [cindy.zhang-torres@dep.state.fl.us](mailto:cindy.zhang-torres@dep.state.fl.us)

Mr. Thomas W. Davis, P.E., Environmental Consulting and Technology, Inc.: [tdavis@ectinc.com](mailto:tdavis@ectinc.com)

Ms. Katy Forney, U.S. EPA Region 4: [forney.kathleen@epa.gov](mailto:forney.kathleen@epa.gov)

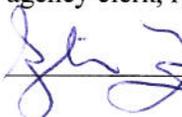
Ms. Ana Oquendo, EPA Region 4: [oquendo.ana@epa.gov](mailto:oquendo.ana@epa.gov)

Ms. Barbara Friday, DEP - BAR: [barbara.friday@dep.state.fl.us](mailto:barbara.friday@dep.state.fl.us) (for posting with U.S. EPA, Region 4)

Ms. Victoria Gibson, DEP - BAR: [victoria.gibson@dep.state.fl.us](mailto:victoria.gibson@dep.state.fl.us) (for reading file)

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

  
\_\_\_\_\_  
(Clerk)

10/4/10  
(Date)