

**AGENDA  
SITING BOARD  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
MAY 17, 2005**

\*\*\*\*\*

**Item 1      Minutes**

Submittal of the Minutes from the February 1, 2005 Cabinet Meeting.

(See Attachment 1, Pages 1-2)

**RECOMMEND    APPROVAL**

\*\*\*\*\*

**Item 2      New Hope Power Partnership Land Use Order/Okeelanta Cogeneration  
Facilities Expansion Project**

**REQUEST:** Consideration of an Order, to be executed by the Siting Board, adopting the Administrative Law Judge's Recommended Order recommending the Siting Board find that the site and the proposed expansion of the Okeelanta Cogeneration Facility are consistent and in compliance with existing land use plans and zoning ordinances.

**COUNTY:** Palm Beach

**APPLICANT:** New Hope Power Partnership

**LOCATION:** The Okeelanta Cogeneration Facility power plant site is located in an unincorporated area of southwest Palm Beach County, Florida, approximately 6 miles south of the town of South Bay, approximately 2 miles west of U.S. Highway 27.

**STAFF REMARKS:** The New Hope Okeelanta Cogeneration Facility is an existing power plant with three steam boilers permitted to provide steam to the adjacent Okeelanta Sugar Mill and to generate 74.9 Megawatts (MW) of electricity. New Hope is seeking authorization to expand the generation capacity by 65 MW by the addition of a steam turbine and new cooling tower and other associated facilities to the existing cogeneration plant. By increasing the plants steam-electric generating capacity to 140 MW, the plant would fall under the jurisdiction of the Florida Electrical Power Plant Siting Act. The three existing boilers burn primarily biomass fuel consisting of bagasse from the sugar mill and clean wood waste. Small amounts of natural gas or distillate oil are used for startup and flame stabilization. The new facilities will occupy approximately 0.5 acre of the 82.1-acre site. The site some six miles south of South Bay is surrounded by agricultural lands. Parts of the site used for percolation ponds for waste water disposal are used to grow sugar cane on a rotating basis.

On March 31, 2005, the Administrative Law Judge issued a Recommended Order recommending the Siting Board find that the site and the proposed expansion of the Okeelanta

**Siting Board**  
**Department of Environmental Protection**  
**Agenda - May 17, 2005**  
**Page Two**

\*\*\*\*\*

**Item 2, cont.**

Cogeneration Facility are consistent and in compliance with existing land use plans and zoning ordinances. (§§403.508(2), F.S.)

(See Attachment 2, Pages 1-19)

**RECOMMEND APPROVAL**

\*\*\*\*\*

**Item 3      **New Hope Power Partnership Final Order of Certification/Okeelanta Cogeneration Facilities Expansion Project****

**REQUEST:** Consideration of an Order, to be executed by the Siting Board, adopting the Administrative Law Judge's Recommended Order recommending the Siting Board enter a Final Order granting certification for the expansion of the Okeelanta Cogeneration Facility.

**COUNTY:** Palm Beach

**APPLICANT:** New Hope Power Partnership

**LOCATION:** The Okeelanta Cogeneration Facility power plant site is located in an unincorporated area of southwest Palm Beach County, Florida, approximately 6 miles south of the town of South Bay, approximately 2 miles west of U.S. Highway 27.

**STAFF REMARKS:** The New Hope Okeelanta Cogeneration Facility is an existing power plant permitted to provide steam to the adjacent Okeelanta Sugar Mill and to generate 74.9 Megawatts (MW) of electricity. New Hope is seeking authorization to expand the generation capacity by 65 MW by the addition of a steam turbine and new cooling tower and other associated facilities to the existing cogeneration plant. By increasing the plants steam-electric generating capacity to 140 MW, the plant would fall under the jurisdiction of the Florida Electrical Power Plant Siting Act. The three existing boilers burn primarily biomass fuel consisting of bagasse from the sugar mill and clean wood waste. Small amounts of natural gas or distillate oil are used for startup and flame stabilization. The new facilities will occupy approximately 0.5 acre of the 82.1-acre site. The site some six miles south of South Bay is surrounded by agricultural lands. Four areas of the site used for percolating waste water or growing sugar cane. When one area is used for waste water disposal the remaining three are used to grow sugar cane on a rotating basis.

On March 31, 2005, the Administrative Law Judge issued a Recommended Order recommending the Siting Board grant certification to New Hope for their expanded cogeneration facility, under Section 403, Part II, F.S., for the expansion of the Okeelanta

**Siting Board  
Department of Environmental Protection  
Agenda - May 17, 2005  
Page Three**

\*\*\*\*\*

**Item 3, cont.**

Cogeneration Facility to a total capacity of 140 MW (net), pursuant to Subsections 403.509 (1), and 403.511(1), F.S.

(See Attachment 3, Pages 1-70)

**RECOMMEND APPROVAL**