

New York State Department of Environmental Conservation
Facility DEC ID: 1472204426



PERMIT
Under the Environmental Conservation Law (ECL)

IDENTIFICATION INFORMATION

Permit Type: Air State Facility
Permit ID: 1-4722-04426/00004
Effective Date: 08/01/2006 Expiration Date: No expiration date

Permit Type: Title IV (Phase II Acid Rain)
Permit ID: 1-4722-04426/00005
Effective Date: 08/01/2006 Expiration Date: 07/31/2011

Permit Issued To: CAITHNESS LONG ISLAND LLC
565 FIFTH AVE 29TH FL
NEW YORK, NY 10017

Contact: ROSS D AIN
CAITHNESS LONG ISLAND LLC
565 FIFTH AVE 29TH FL
NEW YORK, NY 10017
(212) 921-9099

Facility: CAITHNESS LONG ISLAND ENERGY CENTER
ZORN BLVDISCTM# 777-01-28.4
SOUTH YAPHANK, NY

Contact: ROSS D AIN
CAITHNESS LONG ISLAND LLC
565 FIFTH AVE 29TH FL
NEW YORK, NY 10017
(212) 921-9099

Description:
NATURE OF BUSINESS OF THE FACILITY:

Electric power generation.

4911 (primary SIC) - Electric Services

TYPE OF EQUIPMENT AND OPERATION AT THE FACILITY:

This facility consists of one Siemens-Westinghouse 501F combustion turbine, which shall fire natural gas as its primary fuel with distillate oil as a back-up fuel. The gas turbine shall operate as a combined cycle unit with a nominal power output of 346 MW. The heat recovery steam generator (HRSG) contains supplemental firing from a natural gas only duct burner. The turbine employs dry low NOx, steam injection, and a selective catalytic reduction unit (SCR) for control of oxides of nitrogen and catalytic

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