



**PERMIT**  
**Under the Environmental Conservation Law (ECL)**

**Permittee and Facility Information**

**Permit Issued To:**  
GREENIDGE GENERATION LLC  
590 PLANT RD  
PO BOX 187  
DRESDEN, NY 14441-0187  
(315) 536-3423

**Facility:**  
GREENIDGE STATION  
590 PLANT RD  
DRESDEN, NY 14441

**Facility Location:** in TORREY in YATES COUNTY

**Facility Principal Reference Point:** NYTM-E: 340.346      NYTM-N: 4727.025  
Latitude: 42°40'44.9" Longitude: 76°56'55.0"

**Authorized Activity:** The Facility is a primarily natural gas-fired electric generating plant, with a generating capacity of approximately 107 megawatts (MW) with a maximum heat input which is limited to 1,117 BTUs per hour. While the Department is making a draft Title V and Title IV permit available for public review and comment, the Department has not made a tentative or final determination to issue any final permit for the Facility. The Title V and Title IV renewal applications request renewal of the existing permits, with revisions limited to: removal of the diesel fire pump permit conditions, because the diesel fire pump has been taken out of service and removed from the Facility; and a request for minor revisions to the monitoring requirements for particulate emissions (PM-10, PM-2.5 and Particulates), which include the use of a flowmeter for the Facility to demonstrate continuous compliance with the existing PM-10, PM-2.5, and Particulates permit conditions.

**Permit Authorizations**

**Air Title V Facility - Under Article 19**

Permit ID 8-5736-00004/00017

Renewal    Proposed Effective Date: \_\_\_\_\_ Proposed Expiration Date: No Exp. Date

**Title IV (Phase II Acid Rain) - Under Article 19**

Permit ID 8-5736-00004/00016

Renewal    Proposed Effective Date: \_\_\_\_\_ Proposed Expiration Date: No Exp. Date

**NYSDEC Approval**

**By acceptance of this permit, the permittee agrees that the permit is contingent upon strict compliance with the ECL, all applicable regulations, and all conditions included as part of this permit.**

Permit Administrator: CHRISTOPHER M HOGAN, Deputy Chief Permit Administrator  
Address:                    NYSDEC Headquarters  
                                  625 Broadway



Albany, NY 12233

Authorized Signature: \_\_\_\_\_

Date \_\_\_ / \_\_\_ / \_\_\_

**Permit Components**

AIR TITLE V FACILITY PERMIT CONDITIONS

TITLE IV (PHASE II ACID RAIN) PERMIT CONDITIONS

GENERAL CONDITIONS, APPLY TO ALL AUTHORIZED PERMITS

NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS

**TITLE IV (PHASE II ACID RAIN) PERMIT CONDITIONS**

**1. Phase II Permit Application 40CFR 72.**

- a. The owners and operators shall comply with all of the standard requirements and special provisions set forth on the attached Phase II Permit Application for each affected unit.
- b. This permit does not relieve the permittee from compliance with applicable state and federal air pollution control rule and regulations.
- c. The permittee is required to have sufficient SO<sub>2</sub> allowances in its possession to cover the SO<sub>2</sub> emissions generated from this facility.
- d. The facility must continuously monitor, maintain, and certify monitoring systems for NO<sub>x</sub> emissions, CO<sub>2</sub> or O<sub>2</sub> emissions, and volumetric flow rate in accordance with the requirements of 40CFR part 75. The facility shall monitor for emissions of SO<sub>2</sub> in accordance with the provisions of 40 CFR part 75. All required reports as applicable shall be submitted to:

U.S. Environmental Protection Agency, Headquarters	
<u>@ Postal mailing address:</u>	<b>or</b> <u>@ Overnight delivery address:</u>
U.S. Environmental	U.S. Environmental
Protection Agency	Protection Agency
Acid Rain Program (6204J)	Acid Rain Program (6204J)
1200 Pennsylvania Avenue, NW	1310 L Street, NW
Washington, DC 20460	Washington, DC 20005

U.S. Environmental Protection Agency, Region 2  
Region II Monitoring & Assessment Branch  
AWQAT (MS 220)  
2890 Woodbridge Ave  
Edison, NJ 09937

Air Program



NYSDEC Headquarters  
625 Broadway  
Albany, NY12233  
[Regional Air Pollution Control Engineer]

**2. SO2 Allowance Allocations 40CFR 73.** Total Phase II SO2 Allowances (1) from Table 2 of 40 CFR 73

Total Phase II SO2 Allowances (1) from Table 2 of 40 CFR 73

[Table1:

Unit	Allowance 2010 and thereafter	NOx limit (2) lb/mmBTU
6	0	0

NOTES:

(1) The number of allowances actually held by an affected source in a unit account may differ from the number allocated by the U.S. EPA; however, this would not necessitate a revision to the unit SO2 allowance allocations identified in this permit (See 40 CFR 72.84).

(2) The provisions of 40 CFR Part 76 do not apply to this facility.

(3) Unit 6 does not have allowances in Table 2 of 40 CFR Part 73.

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**GENERAL CONDITIONS - Apply to ALL Authorized Permits:**

**NOTIFICATION OF OTHER PERMITTEE OBLIGATIONS**