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DEPPermitting@dec.ny.gov

12 January 2022

Division of Environmental Permits
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-1750

Reference: 0628226

Subject: State Pollutant Discharge Elimination System (SPDES) Renewal Application
Greenidge Generation LLC, Greenidge Station; Town of Torrey; Yates County, NY;
DEC ID 8-5736-00004, SPDES No. NY0001325;
Permit Expiration Date: 09/30/2022

Dear Division of Environmental Permits:

On behalf of Greenidge Generation LLC (Greenidge), ERM Consulting & Engineering, Inc. (ERM) hereby submits the SPDES Renewal Application for the Greenidge Station, located in the Village of Dresden, Town of Torrey, Yates County, New York.

This SPDES Renewal application is submitted to the Department at least 180 days prior to the expiration date of the current SPDES Permit referenced above; in accordance with 6 NYCRR Part 750-1.16(a).

If you have any questions concerning this SPDES renewal application, please call Greenidge's Mr. Dale Irwin or Mr. Tim Panaski at (315) 536-2359, or me at (585) 387-0510.

Sincerely,

David T. Murtha, QEP, CVI, TWIC
Consultant Director

cc: Cheri Jamison – NYSDEC DOW Permit Coordinator
D. Irwin, Greenidge Generation LLC
T. Panaski, Greenidge Generation LLC

New York State Department of Environmental Conservation**Division of Water**

625 Broadway, Albany, 12233-3505

Phone: (518) 402-8111 . Fax: (518) 402-9029

Website: www.dec.ny.gov



**State Pollutant Discharge Elimination System (SPDES)
NOTICE / RENEWAL APPLICATION**

11/09/2021

DALE IRWIN
GMMM GREENIDGE STATION
PO BOX 187
DRESDEN NY 14441-0187

Facility: GREENIDGE STATION
Ind. Code: 4911 County: YATES
DEC ID: 8573600004 SPDES No.: NY0001325
Permit Expiration Date: 09/30/2022
Renewal Application Due By: 04/03/2022

Dear Permittee,

The State Pollutant Elimination System (SPDES) permit for the facility referenced above expires on the date indicated. You are required by law to submit a renewal application at least 180 days prior to the expiration date of your current permit.

Please sign the Certification on this page and return it with the attached questionnaire. Refer to the attached instructions for who may sign this application. If there are any corrections to the above name or address, please write in those corrections above.

If there are changes to your discharge, or to operations affecting the discharge, then in addition to this renewal application you must also submit a separate permit modification application to the Regional Permit Administrator for the DEC region where the facility is located. See the attached instructions for information regarding filing an application for permit modification.

Please contact me if you have any questions.

Sincerely,
Cheri Jamison.

Permit Coordinator

SPDES PERMIT RENEWAL APPLICATION CERTIFICATION

CERTIFICATION: I hereby affirm that under penalty of perjury that the information provided on this form and all attachments submitted herewith is true to the best of my knowledge and belief. False statements made herein are punishable as a Class A misdemeanor pursuant to Section 210.45 of the Penal Law.

Dale Irwin

President & Plant Manager

Greenidge Generation LLC

Name of Authorized Applicant	1/12/2022	Title	Company
 <small>DocuSigned by: Dale Irwin 036819DC6BBC49D...</small>		January 12, 2021	
Signature of Authorized Applicant		Date	

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
State Pollutant Discharge Elimination System (SPDES) Permit
INSTRUCTIONS FOR PERMIT RENEWAL



The New York State Department of Environmental Conservation (Department) administers a centralized and streamlined process for the renewal of SPDES Permits in accordance with our Environmental Benefit Permit Strategy (EBPS). This renewal application is composed of the **SPDES NOTICE/RENEWAL APPLICATION** and the **SPDES RENEWAL APPLICATION QUESTIONNAIRE**.

Instructions for SPDES Permit Renewal

1. SPDES Permit Notice/Renewal Application letter:

Corrections - Make any necessary corrections to the Facility Name, Contact Name and Address. You should note on the *SPDES Permit Notice/Renewal Application letter* if there has been a change in facility ownership resulting in a new permittee, or you may submit an *Application for Permit Transfer and Application for Transfer of Pending Applications* along with your application (available on DEC's website page, *Application Forms for DEC Permits* - <http://www.dec.ny.gov/permits/6222.html>)

Certification - Read and complete the certification at the bottom of the letter. Acceptable signatures are identified in 40 CFR Part 122.22(a) and are summarized below. A *SPDES Permit Designation of Authority Form* (see attached) is required if the application is signed by anyone else.

Organization

- Corporation
- Partnership
- Sole proprietorship
- Municipality, state, federal, or public facility

Required Signature

- Principal executive officer of at least vice-president level or duly authorized representative who is responsible for the overall operation of the facility.
- General partner
- Proprietor
- Principal executive officer or other ranking elected official

2. **SPDES Permit Renewal Application Questionnaire** - Complete the attached *SPDES Permit Renewal Application Questionnaire*.
3. **Other Forms** - You may receive additional forms with the *SPDES Permit Notice/Renewal Application letter*. These additional forms must be completed and returned with your application or your application will be considered incomplete. For example: Any facility located in Brooklyn, Queens, Nassau or Suffolk counties must submit an application supplement entitled *Discharges Within Sole Source Aquifers*.
4. **Submitting the Renewal Application** - Complete and submit the following forms by the "Renewal Application Due By" date shown on the *SPDES Permit Notice/Renewal Application letter*:
 - SPDES Permit Notice/Renewal Application letter;
 - SPDES Permit Renewal Application Questionnaire;
 - Application for Permit Transfer and Application for Transfer of Pending Applications, if applicable;
 - other forms, if applicable.

The Department encourages electronic submission of the renewal application. Please email to:
DEPPermittting@dec.ny.gov

Alternatively, the renewal application may be mailed to:
 New York State Department of Environmental Conservation
 Division of Environmental Permits
 625 Broadway, Albany, NY 12233-1750

Failure to provide a timely and complete application may result in the expiration of your permit. Keep a copy of your completed forms for your records.

DEC Review of Application

In most cases, upon receipt of a completed renewal application, the Department will publish a public notice of your permit renewal in our Environmental Notice Bulletin - <http://www.dec.ny.gov/enb/enb.html>. The Department will notify you if your permit renewal is processed differently.

Following resolution of any comments received during the public notice period concerning renewal of your permit, you will receive a *SPDES Permit Renewal letter* with new permit effective and expiration dates. The *SPDES Permit Renewal letter* together with the previous valid permit for the facility constitute authorization to discharge wastewater in accordance with all terms, conditions and limitations specified in the previously issued permit. Attach the *SPDES Permit Renewal letter* to your prior permit.

Permit Modifications

You are required to promptly notify the Department of all proposed changes which might affect your wastewater discharge, and request any necessary modifications to your permit. This includes production changes, discharge of new chemicals, changes to wastewater treatment/discharge facilities, or transfer of ownership.

Requests for permit modifications must be filed as soon as a change that might affect your permit has been identified or is anticipated, by filing an entire new detailed application or by filing specific portions thereof; either on a form or by a letter, or both. Forms may be obtained from DEC's website page, *Application Forms for DEC Permits* - <http://www.dec.ny.gov/permits/6222.html>. Permit modification requests should be filed with the Regional Permit Administrator for the DEC region where your facility is located (note that this is a different location than that required for your permit renewal). Refer to DEC's website page <http://www.dec.ny.gov/about/39381.html> for Regional Permit Administrator contact information.

Department-Initiated Modifications

Information on the *SPDES Permit Renewal Application Questionnaire* together with other available information will be used to determine a priority for the Department to initiate modification of your permit. In this regard, you may be required to submit a detailed application at a future date. You will be notified to file this additional information at least 90 days before it will be due at the Department. Any future Department-initiated modification to your permit requirements will conform to full regulatory due process, including a draft permit, public notice and opportunities for public hearing. This modification process is described at http://www.dec.ny.gov/docs/water_pdf/togs122.pdf.

Annual Regulatory Fees

The Department will bill you separately each year for the required regulatory fees associated with this permit.

For More Information

See http://www.dec.ny.gov/docs/water_pdf/togs122.pdf for more information about EBPS. If you have any questions, please contact the Department's Bureau of Water Permits, Permit Coordinator at (518) 402-8210.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
State Pollutant Discharge Elimination System (SPDES) Permit
RENEWAL APPLICATION QUESTIONNAIRE



For Industrial & Municipal discharge only (Class 01, 03, 04, 05, 07 & 10)

Please enter the numbers from your current permit:	DEC ID Number:	8 - 5736 - 00004 / 00001
	SPDES Number:	NY<u>0001325</u>

THIS PAGE MUST BE COMPLETED AND RETURNED WITH YOUR RENEWAL APPLICATION

Please **TYPE** or **PRINT** neatly. Keep a copy for your records.

Has the SPDES permit for your facility been modified in the past 5 years? ☒ YES ☐ NO

Please indicate which of the following best describes the situation at your facility:

- ☐ None of the concerns on the “Self Evaluation List” (see page 2) apply to my facility at this time and I will not be applying for a modification of the SPDES permit in the foreseeable future.
- ☐ Yes, some of the items on the “Self Evaluations List” have led me to believe that the permit for this facility may need to be modified. I have provided an explanation below. (Note that such an explanation does not constitute an application for permit modification. An application for permit modification must be submitted separately to the Department’s regional office.)
- ☐ I previously submitted a permit modification application to the Department’s regional office.
- ☐ I will submit a permit modification application to the Department’s regional office.
- ☒ The items on the “Self Evaluation List” have left me unable to conclude whether my permit needs to be modified at this time. I am reporting the following general concerns about my permit:

1. In conformance with 40 CFR 125.72, the Greenidge current SPDES permit contains a §316(a) thermal variance; therefore, Greenidge requests the thermal variance be continued in the permit renewal.
2. We are evaluating the federal Coal Combustion Residuals (CCR) Rule requirements and its potential impact on the current SPDES permit.

SELF EVALUATION LIST

The following information focuses on some of the more frequent reasons for requesting a SPDES permit modification. This is presented to aid you in deciding whether to file an application for a SPDES permit modification, but it does not replace the need for you to be thoroughly familiar with all regulatory requirements. As part of the renewal process, each permittee must determine whether a permit modification is required. Please refer to 6 NYCRR Part 750 for further details.

The Department must be notified of any of the following changes at your facility. Some of these changes may require a permit modification or approval:

- Facility expansions or other modifications, production increase or decrease of 20% or more, changed products, changed production methods, use of new water treatment chemicals, changed water intake quantities or locations, or significant increases in discharge flow rate through any outfall point.
- Changes in wastewater collection, treatment or disposal, including plans to substantially alter the method of sludge treatment, conditioning or disposal.
- Any monitoring on your facility's effluent(s) that indicates the presence of pollutants which are not authorized by your present SPDES permit or the presence of toxicity unless this information has been previously reported to the Department.
- Any changes in the Permittee Name and Address, Facility Name and Address, or Discharge Monitoring Report (DMR) Mailing Address found on the first page of your permit. Forms are available to transfer ownership, change permittee name, and authorize a person to sign and submit DMR Reports (see <http://www.dec.ny.gov/permits/6222.html>).
- Any changes or additions to storm water conveyances, including ditch or pipe outfalls, which are defined in federal regulations (40CFR Parts 122, 123 & 124) as discharges associated with "industrial activity" and thereby subject to federal storm water permit regulations.
- Knowledge of any outfalls, bypasses, overflows, or combined sewer overflow points in your system not presently authorized by your SPDES permit.
- Any changes which could cause a violation of permit conditions.
- SPDES permit violations, petroleum or chemical spills and leaks, or wastewater treatment plant upsets which resulted in unauthorized pollutants being released to the surface or ground waters of the State which are reportable to the Department.

ADDITIONAL CONSIDERATIONS FOR PUBLICLY OWNED TREATMENT WORKS (POTW)

- Accepting or planning to accept industrial waste, hazardous waste, landfill leachate, septage, or other wastes containing pollutants not covered by your SPDES permit or constituting a substantial change in the volume or character of pollutants.
- Any proposals for sewer extensions.



**Department of
Environmental
Conservation**

**State Pollutant Discharge Elimination
System (SPDES) Permit -
Designation of Authority**

Complete and submit this form with your SPDES application for any contact and authorization changes for the facility named below. Submit additional pages if needed.

Facility Name:	Greenidge Generating Station																				
Mailing Address, Post Office City, State, Zip Code:	590 Plant Road P. O. Box 187 Dresden, New York 14441-0187																				
SPDES #:	NY	0	0	0	1	3	2	5	DEC ID:	8	-	5	7	3	6	-	0	0	0	0	4

Water Permitting Facility Owner Contact The named individual and/or Title below is designated to receive and sign the SPDES application form, and receive a copy of the issued SPDES permit for this facility –

Name:	Tim Panaski, CSP		
Title:	Director, Safety & Sustainability		
Company Name:	Greenidge Generation LLC		
Mailing Address, Post Office City, State, Zip Code:	590 Plant Road P. O. Box 187 Dresden, New York 14441-0187		
Email:	tpanaski@greenidge.com	Telephone:	+1 315-536-2359 ext. 3274

Water Fee Billing Contact The named individual and/or Title below is designated to receive mailings and handle all matters related to SPDES fee billing for this facility –

Name:	Tim Panaski, CSP		
Title:	Director, Safety & Sustainability		
Company Name:	Greenidge Generation LLC		
Mailing Address, Post Office City, State, Zip Code:	590 Plant Road P. O. Box 187 Dresden, New York 14441-0187		
Email:	tpanaski@greenidge.com	Telephone:	+1 315-536-2359 ext. 3274

I am authorized* as the Permittee to make the changes noted above:

Name:	Dale Irwin		
Title:	President & Plant Manager		
Company Name:	Greenidge Generation LLC		
Mailing Address, Post Office City, State, Zip Code:	590 Plant Road P.O. Box 187 Dresden, New York 14414-0187		
Email:	dirwin@greenidge.com	Telephone:	+1 315-536-2359 ext. 3423
Signature of Permittee:	DocuSigned by: 1/12/2022		Date: January 10, 2022

* A change in Permittee Name requires an Application for Permit Transfer.

Acceptable Permittee signatures are as follows:

Organization

- Corporation
- Partnership
- Sole proprietorship
- Municipality, state,
federal, or public facility

Required Signature

- Principal executive officer of at least vice-president level.
- General partner
- Proprietor
- Principal executive officer, other ranking elected official.