

Illinois Environmental Protection Agency (IEPA)
Notice of Water Discharge Permit Public Hearing
NPDES Permit IL0049191

**Illinois Power Generating Company
Newton Power Station**

Jasper County

**Public Hearing
Thursday, April 23, 2015 6:00pm**

**Jasper County Courthouse
100 West Jourdan Street
Newton, Illinois 62448**

The Illinois EPA Bureau of Water has prepared a draft renewed National Pollutant Discharge Elimination System (NPDES) permit with modifications for Illinois Power Generating Company, whose address is 1500 Eastport Plaza Drive, Collinsville, Illinois 62234. The Newton Power Station is located at 6725 500th Street, Newton, IL 62448 in Jasper County and proposes to discharge into Newton Lake (see <http://www.epa.state.il.us/public-notices/2014/illinois-power-generation-company/index.pdf> for additional information).

The Illinois EPA is holding a hearing to accept comments from the public on the proposed reissuance of a permit with modifications for this project, prior to making a final decision on the permit application. Issues relevant to this proceeding include the applicant's compliance with requirements of the federal Clean Water Act and Subtitles C of 35 Ill. Adm. Code. Because Illinois is mandated by state law to issue a permit if the applicant meets the requirements for obtaining a permit, those recommending denial of the permit application should be prepared to state the regulation that is the basis of their recommendation.

The applicant is engaged in the operation of Newton Power Station, an existing 1210 MW coal fired steam-electric generating station consisting of two pulverized coal wet bottom boilers (SIC 4911). Both a once-through cooling water system and a supplemental cooling basin are used to cool the main condenser cooling water for each unit. Condenser cooling water is discharged to Newton Lake for dissipation of waste heat via a discharge flume. Lake water is used for ash sluicing, and station service water is used to supply the water treatment plant and various heat exchangers. Plant operation results in an average discharge of 17.2 MGD of secondary ash pond discharge from outfall 001, 0.00055 MGD of sewage treatment plant #2 effluent from outfall A01, 558.6 MGD of main condenser cooling water from outfall 002, and 0.0256 MGD of sewage treatment plant #1 effluent from outfall 003, 0.5 MGD of construction runoff settling pond effluent from outfall 004, 0.10 MGD of intake screen backwash from outfall 005, and stormwater runoff from outfalls 007, 008, 009, 010, 011, 012, and 013.

Comments are invited on the draft reissued permit which incorporates the following modifications:

1. A change in the permittee's parent companies occurred in December 2013. Therefore the name of the facility and permittee have been changed from Ameren Energy Generating Company to Illinois Power Generating Company.
2. The requirements associated with the storm water pollution prevention plan have been changed to reflect the Agency's current recommendations and requirements.
3. The daily maximum limit for oil and grease at Outfall 001 has been changed from 30 mg/L to 20 mg/L to comply with the requirements of 40 CFR 423.12(b).
4. Fecal coliform monitoring has been added to Outfall A01 and Outfall 003. Newton Power Station was granted a disinfection exemption on December 16, 1997. The fecal coliform monitoring requirement will be used to gather data to rejustify the existing disinfection exemption.
5. Currently wastewater from Sewage Treatment Plant No. 2 is being hauled to Sewage Treatment Plant No.1 in an effort to remove phosphorus from the sanitary wastewater. Outfall A01 is still

- being included in the permit, should the facility wish to resume its discharge from STP No. 2 to the ash pond.
6. A condition has been added to the permit providing cooling water intake structure requirements.
 7. Outfall 013 has been added to the permit for the discharge of storm water runoff from an area of approximately 2 acres which previously was permitted as discharging to Outfall 009.
 8. Internal Outfall B01 has been added to the permit to address the following existing waste streams: air heater wash water and SCR module wash water. The air heater wash water is considered non-chemical metal cleaning waste and should have been subject to the limitations found at 40 CFR 423.12(b)(5). The SCR module wash water is considered chemical metal cleaning waste and was not proposed until August 16, 2005, therefore it is subject to the New Source Performance Standards (NSPS) found at 40 CFR 423.15(d). Limitations from 40 CFR 423.12(b)(5) are the same as limitations from 40 CFR 423.15(d). Therefore, Internal Outfall B01 has been added to include these limitations for these metal cleaning wastes.

The Illinois EPA has made a tentative determination to reissue this NPDES permit with modifications for discharge into waters of the state in accordance with 35 Illinois Adm. Code Subtitle C (Water Pollution), the Illinois Environmental Protection Act and the federal Clean Water Act. The draft NPDES permit and the public notice/fact sheet were public noticed on December 11, 2014. The public notice, and other documents for this proceeding can be viewed on the IEPA website: <http://www.epa.state.il.us/public-notice/2014/illinois-power-generation-company/index.pdf> (please copy this website address into your browser).

The draft permit, public notice/fact sheet, the regulations governing the conduct of the hearing and other documents can be reviewed and copied at the Illinois EPA, 1021 N. Grand Avenue East, Springfield, Illinois; 217-782-0610. Please call ahead for an appointment.

For information or requests about the draft permit, please contact: Barb Lieberoff, Office of Community Relations, Illinois EPA, 1021 N. Grand Ave. East, P.O. Box 19276, Springfield, IL 62794-92976, 217/524-3038 or by email at barb.lieberoff@illinois.gov

The hearing will be conducted under 35 Illinois Adm. Code 166 in accordance with provisions of 35 Ill. Adm. Code 309.115 through 309.119. Requests for special needs interpreters must be made to the Illinois EPA hearing officer by **April 9, 2015**. The hearing record is a file containing the hearing transcript and written comments. **Written comments must be physically received by May 26, 2015; mailed comments must be postmarked in sufficient time to arrive at Illinois EPA by May 26, 2015 when the hearing record closes.**

E-mails with written comments must be sent to epa.publichearingcom@illinois.gov and should specify **Newton Power Station NPDES or IL0049191 in the subject line**. Email comments originating on third party systems or servers intended for submittal of multiple emails of the same or nearly the same content will not be accepted without prior approval from the hearing officer. Comments need not be notarized and should be sent to:

Hearing Officer Dean Studer, Mail Code #5
Re: Newton Power Station NPDES
Illinois Environmental Protection Agency
1021 North Grand Avenue East
P. O. Box 19276
Springfield, IL 62794-9276 email comments: epa.publichearingcom@illinois.gov
Phone 217-558-8280 TDD (hearing impaired) 217-782-9143

Questions regarding the hearing or hearing process can be emailed to the hearing officer at dean.studer@illinois.gov.