

Illinois Environmental Protection Agency  
Bureau of Air, Permit Section  
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Project Summary  
For a Revised PSD Construction Permit Application  
From Lincoln Generating Facility, LLC  
For Simple Cycle Combustion Turbine Power Plant For  
Lincoln Generating Facility,  
In Manhattan, Will County

Site Identification No.: 197811AAH

Application No.: 99020021

Date Received: June 20, 2005

Schedule

Public Comment Period Begins: November 19, 2008

Public Comment Period Closes: December 19, 2008

Illinois EPA Contacts

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## **I. INTRODUCTION**

Lincoln Generating Facility, LLC (LGF) has requested a revision to the construction permit for its natural gas fired electric generation facility. The facility has eight “simple cycle” combustion turbines (CT), which operate as peaking units. The natural gas fired CTs have the ability to generate up to about 664 MW of electricity.

The Illinois EPA has reviewed LGF’s application and made a preliminary determination that the application for the facility meets applicable requirements. Accordingly, the Illinois EPA has prepared a draft of the revised construction permit that it would propose to issue for the facility. However, before issuing these permits, the Illinois EPA is holding a public comment period to receive comments on the terms and conditions of the draft permit.

## **II. CHANGES IN THE PERMIT**

LGF has requested changes to its construction permit to address aspect of operation that were not considered in the original application and permit and to clarify applicable requirements. There would be no change in previously permitted operating hours or annual emission in the original PSD construction permit. Following significant changes would be made in the revised permit as compared to the original permit:

- Provisions for continued operation during malfunctions of emission units would be added to address the potential need for continued operation to prevent instability of the regional electrical power system, risk of injury to personnel, or severe damage to equipment.
- Definitions of shutdown and normal operation would be added to facilitate consistent implementation of operating and emission limitations for the CTs.
- Provisions allowing continuous emission monitoring for NOx in accordance with 40 CFR 75 to fulfill monitoring requirements of the NSPS for the turbines, as specifically allowed by revised provisions of the NSPS.

## **III. REQUEST FOR COMMENTS**

It is the Illinois EPA's preliminary determination that the revised permit would meet all applicable state and federal air pollution control requirements. The Illinois EPA is therefore proposing to issue a revised construction permit for the facility.

Comments are requested on this proposed action by the Illinois EPA and the proposed conditions on the draft permit. If substantial public interest is shown in this matter, the Illinois EPA will consider holding a public hearing in accordance with 35 Ill. Adm. Code Part 166.