

**Midwest Generation, LLC**  
Waukegan Generating Station  
401 E. Greenwood Avenue  
Waukegan, IL 60087

October 13, 2021

Illinois Environmental Protection Agency  
Division of Water Pollution Control  
Attention: Compliance Assurance Section, Mail Code #19  
1021 North Grand Avenue East  
P.O. Box 19276  
Springfield, Illinois 62794-9276

**Subject:** Effluent Limitation Guidelines Notice of Planned Participation  
Midwest Generation, LLC - Waukegan Generating Station  
Account No. W0971900021  
NPDES Permit No. IL0002259

To Darin LeCrone:

In accordance with 40 CFR 423.19(f)(1), Midwest Generation, LLC (MWG) is hereby providing a Notice of Planned Participation (NOPP) for the Waukegan Generating Station's generating units that will achieve permanent cessation of coal combustion by December 31, 2028.

1. Electric Generating Units intending to achieve permanent cessation of coal combustion:  
Unit 7  
Unit 8
2. Expected date that each electric generating unit is projected to achieve permanent cessation of coal combustion:  
Unit 7 – On or about June 1, 2022  
Unit 8 – On or about June 1, 2022
3. Whether each date represents a retirement or a fuel conversion:  
Unit 7 – Retirement  
Unit 8 – Retirement
4. Whether each retirement or fuel conversion has been approved by a regulatory body:  
Unit 7 – Notice of No Reliability Impacts received  
Unit 8 – Notice of No Reliability Impacts received
5. What the regulatory body is:  
PJM

The NOPP shall also include a copy of the most recent integrated resource plan for which the applicable state agency approved the retirement or repowering of the unit subject to the ELGs, certification of electric generating unit cessation under 40 CFR 257.103(b), or other documentation supporting that the electric generating unit will permanently cease the combustion of coal by December 31, 2028.

Documentation that PJM performed a reliability analysis and that no reliability impacts were identified can be found on PJM's website here <https://pjm.com/planning/services-requests/gen-deactivations> and also in Attachment 1.

6. The NOPP shall also include, for each such generating unit, a timeline to achieve the permanent cessation of coal combustion. Each timeline shall include interim milestones and the projected dates of completion.

Action	Actual or Estimated Timeline
Filed Deactivation Notice for Units 7 and 8 with PJM	June 29, 2021
Reliability analysis response received for Units 7 and 8 from PJM	July 30, 2021
Cease coal-fired operations of Units 7 and 8	Estimated on or about June 1, 2022

Midwest Generation, LLC would like to reserve the ability to modify the plans for ELG rule compliance at the Will County Station, including but not limited to changing the expected shutdown date, but in no case later than December 31, 2028, requesting authorization to continue as a low-utilization unit, or discharge bottom ash transport water discharge limits in accordance with 40 CFR 423.13(k)(2).

Please contact Ms. Jill Buckley at (724) 448-9732 or [Jill.Buckley@nrg.com](mailto:Jill.Buckley@nrg.com) if you have any questions or need any additional information regarding this submittal.

Sincerely,



Paulo Rocha  
Plant Manager  
Waukegan Generating Station

Attachments:

- PJM Documentation

cc: Mark Liska, Illinois EPA  
Asset Management, MWG

**ATTACHMENT 1— PJM Documentation**



Feedback

## Generation Deactivations

Generator deactivations can alter power flows that may yield violations of established transmission system reliability criteria. Therefore system upgrades may be required to correct any identified reliability violation, in many areas of PJM. Visit the Learning Center site to learn about the steps PJM takes to keep the grid stable when power plants retire (<http://learn.pjm.com/three-priorities/planning-for-the-future/explaining-power-plant-retirements.aspx>).

The list of deactivations is typically updated within 24 business hours of notification from the generator. If a deactivation is not shown, PJM has not been notified of the deactivation.

Download: [XLS](#) | [XML](#) (/Media/Planning/gen-deactivation-data/GenDeactivationUnits.xml)

		Future Deactivations			Deactivated Generators			Withdrawn Deactivations	
Unit	Capacity (MW)	Fuel Type	State	Age	Transmission Owner Zone	Owner Notification Date	Requested Deactivation Date	Reliability Analysis	Related Upgrades & I
Total: 682.4		(All) ▾	(All) ▾		(All) ▾			(All) ▾	
waukegan									
Waukegan 7	328		IL	63	ComEd	6.29.2021	5.31.2022		
Waukegan 8	354.4		IL	59	ComEd	6.29.2021	5.31.2022		

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### Quick Links

- Careers (/about-pjm/careers)
- Communications (/about-pjm/communications)
- PJM Glossary (/Glossary)
- Issue Tracking (/committees-and-groups/issue-tracking)
- Learning Center (https://learn.pjm.com/)
- Manuals (/library/manuals)
- Operating Agreement (https://agreements.pjm.com/oa)
- Request a Speaker (https://survey.qualtrics.com/jfe/form/5V\_9FyRy35j6ZJeHad)
- Open Access Transmission Tariff (https://agreements.pjm.com/oatt)
- RSS Feeds (/about-pjm/newsroom/rss-feeds)
- Upcoming Changes (/markets-and-operations/etools/upcoming-changes)
- Visiting PJM (/about-pjm/who-we-are/visiting-pjm)
- Training (/training)

### Data Shortcuts

- Data Viewer (https://dataviewer.pjm.com/dataviewer/pages/public/lmp.jsf)
- Data Snapshot (http://datasnapshot.pjm.com/)
- System Map (https://gis.pjm.com/esm/default.html)
- Interregional Data Map (/markets-and-operations/interregional-map)
- Data Miner 2 (https://dataminer2.pjm.com/list)
- Data Directory (/markets-and-operations/data-dictionary)
- Emergency Procedures (https://emergencyprocedures.pjm.com/)



(/markets-and-operations/etools/pjm-now.aspx)

### Contact

#### Member Relations

- (610) 666-8980 (tel: (610) 666-8980)
- (866) 400-8980 (tel: (866) 400-8980)
- Email (mailto:custsvc@pjm.com)
- Contact Directory (/about-pjm/communications/contact-directory)
- Member Community (/markets-and-operations/etools/member-community)

#### Media Relations

- (866) 756-6397 (tel: (866) 756-6397)
- Newsroom (/about-pjm/newsroom)
- Media Relations Email (mailto:PJMCorpComm@pjm.com)

#### PJM Compliance Line

- (866) 776-6942 (tel: (866) 776-6942)
- Online Reporting Tool (https://www.compliance-helpline.com/welcomePagePJM.jsp)

#### Mailing Address

2750 Monroe Boulevard  
Audubon, PA 19403

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Feedback

Unit Name	Capacity	Fuel Type	Reliability Must Run (RMR)	Status	State	Age	Transmission Owner Zone
Waukegan 7	328	Coal	No	Future Deactivation	Illinois	63	ComEd
Waukegan 8	354.4	Coal	No	Future Deactivation	Illinois	59	ComEd

Owner Notification Date	Requested Deactivation Date	Projected Deactivation Date	Actual Deactivation Date	Withdrawn Deactivation Date	Reliability Analysis	TEAC Materials	RMR Zonal Cost Allocation
6/29/2021	5/31/2022	5/31/2022			Reliability analysis complete; no impacts identified		
6/29/2021	5/31/2022	5/31/2022			Reliability analysis complete; no impacts identified		

RMR Study Results	Related Upgrades

Column Name	Definition
Unit Name	The name of the unit deactivating
Capacity	The capacity of the deactivating unit
Fuel Type	The type of fuel the unit was running
Reliability Must Run (RMR)	Reliability Must Run: Unit has requested to stay in service and not deactivate until certain system upgrade(s) are completed.
Status	Indicates whether the deactivation is for the future, past or has been withdrawn
State	The state the generator resided in.
Age	The age of the generator at the time of the deactivation request
Transmission Owner Zone	The transmission owner zone the unit resides in
Owner Notification Date	The date in which PJM was notified of the deactivation
Requested Deactivation Date	The Date the Generator Owner has requested to Deactivate the Generator
Projected Deactivation Date	The initial Deactivation date the generator owner submits, until the analysis is complete. Once the analysis is complete and any impacts identified, it is the date that PJM plans for the generator to deactivate.
Actual Deactivation Date	The date the generator deactivated
Withdrawn Deactivation Date	The date the deactivation submission was withdrawn
Reliability Analysis	The status of the Reliability Analysis Study
TEAC Date	The date any associated upgrades were presented at PJM's Transmission Expansion Advisory Committee (TEAC)
TEAC Material	The Materials presented at PJM's Transmission Expansion Advisory Committee (TEAC) for any associated upgrades
RMR Zonal Cost Allocation	Zonal cost allocation files for reliability must run (RMR) submissions
RMR Study Results	Study result files for RMR submissions
Related Upgrades	All upgrade requests associated with the deactivation request, if any