

# **PJM Long-Term Capacity Issues**

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# Pending Regulations and Legislation

## ■ Air Drivers

Regulation / Legislation	Final Rule	Implementation	Likely Action
Ozone	2010	2013-2030	SCRs
Revised PM 2.5	2013	2015	SCRs, FGD
Mercury MACT Rule	2011	2014	SCRs, FGD, Carbon Inj.
Regional Haze	2005	2013	SCRs, FGD
CAIR Phase 2	2011	2015	SCRs, FGD
Federal GHG Legislation	?	?	?
EPA Direct GHG Regulation	?	?	?

## ■ Water Drivers

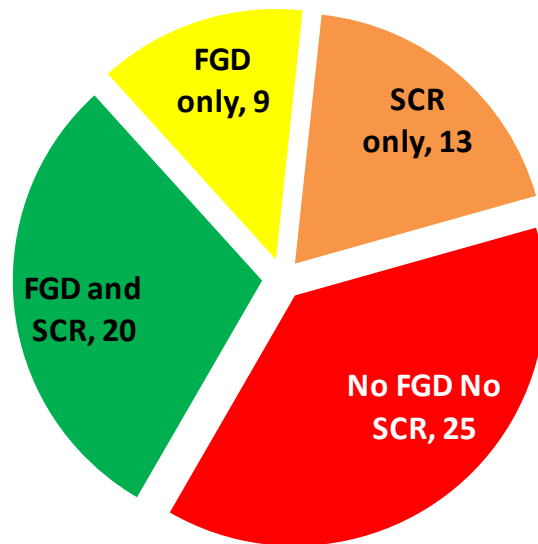
Regulation	Final Rule	Implementation	Likely Action
Federal Effluent Guidelines	2011	2014	Wastewater treating plants
316B Implementation	2011	2012-2013?	Cooling towers

*Many of these standards could be command and control, so affected plants could face either major investment or closure.*



## 2008 PJM Coal Fleet

**PJM Coal Plant Emission Controls (2008), GW**



Source: Energy Velocity

- Approx. 67 GW total (41% of PJM capacity) was coal
  - 20 GW “fully” controlled
  - 47 GW could require scrubber and/or SCR within 5 years
- Plants not fully controlled produced about 250 TWh, almost 2/3 of the coal fleet output