

# AMI Deployments in the Great Lakes States

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# Illinois

- S.B. 1652 – Energy Infrastructure Modernization Act (2011). Utilities > 1M customers may file grid modernization plans & recover costs in annual formula rate filings.
- ComEd proposed to install 130,000 AMI meters in 2012, and 440,000/yr. in 2013-2021.
- ICC approved ComEd’s deployment plan but modified the formula rate proposal.

## Illinois (cont.)

- ComEd sought rehearing on the deployment plan due to changes in formula rate proposal.
- ICC rejected Ameren's initial deployment plan. Ameren filed revised plan to deploy 780,000 AMI meters over eight years.
- ICC hearing on Ameren's revised plan to be completed in early October.

# Indiana

- In 2008, Duke proposed to install 800,000 AMI meters; IURC rejected plan. Revised plan to install 44,000 AMI meters; IURC rejected this plan in October 2011.
- AEP – stimulus grant to install 10,000 AMI meters & EV charging stations in South Bend.
- IPL – stimulus grant to install 10,000 AMI meters & EV charging stations in Indianapolis.

# Michigan

- On 4/24/07, MPSC opened smart grid case in Case No. U-15278. On 1/12/12, MPSC opened investigation into smart grid deployments in Case No. U-17000.
- Detroit Edison – over 650,000 AMI meters installed to date; plans to install total of 800,000 AMI meters by end of 2012.
- Consumers Energy – deploying 1.8M AMI meters during 2012-2019.

# Minnesota

- Opened Docket No. E999/CI-08-948 to investigate smart grid; requires utilities to file annual smart grid plans.
- Minnesota Power – stimulus grant to install 8,030 AMI meters; additional pilot program of 2,000 AMI meters and home energy monitors.

# New York

- On 8/1/06, NYPSC ordered utilities to file smart grid deployment plans.
- On 8/19/11, NYPSC issued Smart Grid Policy Statement in Case No. 10-E-0285 – do pilot programs prior to full-scale deployment.
- Con Ed – pilot program of 1,500 AMI meters & EV charging stations.
- Central Hudson/Orange & Rockland – pilot programs in Dutchess County/Nyack.

# Ohio

- Duke – full-scale deployment through 2015; 386,000 AMI electric meters installed to date.
- AEP – stimulus grant to install 110,000 AMI meters & EV charging stations (“GridSmart”).
- FirstEnergy – stimulus grant of \$57M to install 44,000 AMI meters.
- DP&L – full-scale deployment plan in 2008 not approved. Upcoming Standard Service Offer filing in October may include AMI deployment.



# Pennsylvania

- Act 129 (2008) requires electric distribution utilities to file plans to fully deploy AMI meters within 15 years.
- PPL has installed 1.4M AMI meters.
- PECO – stimulus grant of \$200M; installed over 200,000 of 1.6M planned AMI meters. PECO suspended AMI installations in August 2012 to investigate meter overheating/fires.

## Pennsylvania (cont.)

- FirstEnergy – 24,000 AMI meters installed in West Penn pilot; will file plan in December 2012 to install 2M AMI meters.
- Duquesne – filed plan in June 2012 to fully deploy AMI meters to its 580,000 customers during 2014-2020.

# Wisconsin

- Recently ruled in Madison Water Utility case that customer has no right to opt-out of smart grid installation.
- Alliant installed 463,000 AMI meters from 2007-2010.
- Madison Gas & Electric – stimulus grant to install 4,400 AMI meters, home energy monitors & EV charging stations.