

STATE OF MICHIGAN

BEFORE THE MICHIGAN PUBLIC SERVICE COMMISSION

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In the matter, on the Commission’s own motion,  
commencing a proceeding to implement smart grid  
infrastructure initiatives.

Case No. U-15278

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At the April 24, 2007 meeting of the Michigan Public Service Commission in Lansing,  
Michigan.

PRESENT: Hon. J. Peter Lark, Chairman  
Hon. Laura Chappelle, Commissioner  
Hon. Monica Martinez, Commissioner

**ORDER COMMENCING PROCEEDING**

Smart Grid Infrastructure Initiatives

The Commission is aware of recent developments intended to improve the efficiency, reliability, and security of the electric grid. These developments are referred to as “smart grid” concepts and may play many roles in assuring a more robust electric distribution system. To ensure that Michigan makes use of these emerging technologies, when appropriate, the Commission Staff (Staff) shall convene a collaborative process to monitor national smart power grid infrastructure developments. When options appear cost-effective and practical to implement, the Staff should establish evaluation criteria and standards, triggering pilot programs or broader deployment in Michigan. The collaborative should emphasize reviewing and adopting technologies that make the grid flexible and efficient, enable distributed technologies, and preserve reliability. The Commission will require all regulated distribution companies to participate in the

collaborative and invites participation from other interested parties. Therefore, the Commission orders the Staff to convene a statewide collaborative on smart grid infrastructure initiatives based on the goals described above. The Staff shall submit annual reports on the status of the collaborative, including recommendations.

The Commission has selected this case for participation in its paperless electronic filings program. The Commission recognizes that some residential customers may not have the computer equipment necessary to submit documents electronically. Therefore, residential customers may submit documents in the traditional paper format and mail them to the: Executive Secretary, Michigan Public Service Commission, 6545 Mercantile Way, P.O. Box 30221, Lansing, Michigan 48909. Comments pertaining to smart power grid infrastructure developments shall be submitted in Case No. U-15278. Such documents will be scanned and placed into the appropriate electronic docket for this proceeding, which means that all of the content of the comments will be publicly available on the Commission's website.

Otherwise, all documents filed in this case shall be submitted electronically through the MPSC Electronic Case Filings Web site at: <https://efile.mpsc.cis.state.mi.us/cgi-bin/efile/login.pl>. Requirements and instructions for filing electronic documents can be found in the Electronic Case Filings Users Manual at: <http://efile.mpsc.cis.state.mi.us/efile/pdfs/usersmanual.pdf>. An application for account and letter of assurance, required of all first-time users, are located at: <http://efile.mpsc.cis.state.mi.us/efile/pdfs/assurance.pdf>. If you require assistance prior to e-filing, contact Commission Staff at 517-241-6170 or by e-mail at: [mpscfilecases@michigan.gov](mailto:mpscfilecases@michigan.gov).

The Commission FINDS that:

- a. Jurisdiction is pursuant to 1909 PA 106, as amended, MCL 460.551 *et seq.*; 1919 PA 419, as amended, MCL 460.51 *et seq.*; 1939 PA 3, as amended, MCL 460.1 *et seq.*; and the Commission's Rules of Practice and Procedure, as amended, 1999 AC, R 460.1701 *et seq.*
- b. The Staff shall commence a collaborative for a smart grid infrastructure and issue annual reports of its progress to the Commission.

THEREFORE IT IS ORDERED that:

A. Alpena Power Company, Consumers Energy Company, The Detroit Edison Company, Edison Sault Electric Company, Indiana Michigan Power Company, Northern States Power Company, d/b/a Xcel Energy, Upper Peninsula Power Company, Wisconsin Electric Power Company, d/b/a We Energies, Wisconsin Public Service Corporation, Alger Delta Cooperative Electric Association, Cherryland Electric Cooperative, Cloverland Electric Cooperative, Great Lakes Energy Cooperative, Tri-County Electric Cooperative, Midwest Energy Cooperative, The Ontonagon County Rural Electrification Association, Presque Isle Electric & Gas Co-op, and Thumb Electric Cooperative of Michigan shall each participate in the collaborative on smart grid infrastructure.

B. The Commission Staff shall commence a collaborative for a smart grid infrastructure and issue reports of its progress annually to the Commission.

C. Interested persons, including transmission providers, customers and customer groups, and other electric industry stakeholders, may participate in the collaborative commenced by this order.

The Commission reserves jurisdiction and may issue further orders as necessary.

Any party desiring to appeal this order must do so in the appropriate court within 30 days after issuance and notice of this order, pursuant to MCL 462.26.

MICHIGAN PUBLIC SERVICE COMMISSION

/s/ J. Peter Lark  
Chairman

( S E A L )

/s/ Laura Chappelle  
Commissioner

/s/ Monica Martinez  
Commissioner

By its action of April 24, 2007.

/s/ Mary Jo Kunkle  
Its Executive Secretary

Any party desiring to appeal this order must do so in the appropriate court within 30 days after issuance and notice of this order, pursuant to MCL 462.26.

MICHIGAN PUBLIC SERVICE COMMISSION

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Chairman

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Commissioner

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Commissioner

By its action of April 24, 2007.

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Its Executive Secretary

# PROOF OF SERVICE

STATE OF MICHIGAN    )

**Case No. U-15278**

|  
  
County of Ingham        )

E. David Lechler being duly sworn, deposes and says that on April 24, 2007, A.D. he served a copy of the attached Commission order by first class mail, postage prepaid, or by inter-departmental mail, to the persons as shown on the attached service list.

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E. David Lechler

Subscribed and sworn to before me  
this 24<sup>th</sup> day of April 2007

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Sharron A. Allen  
Notary Public, Ingham County, MI  
My Commission Expires August 16, 2011

**SUBSCRIPTION LIST  
ALL ELECTRIC ORDERS**

MR. LARRY LEWIS  
GENERAL SERVICES ADMINISTRATION  
670 MORRISON ROAD, ROOM 209  
COLUMBUS OH 43230

MR. MICHAEL BYRNE  
SENATE DEMOCRATIC STAFF  
ROMNEY BUILDING  
LANSING MI **ID MAIL**

MR. JOHN PESTLE  
VARNUM, RIDDERING, SCHMIDT & HOWLETT  
BRIDGEWATER PLACE  
P.O. BOX 352  
GRAND RAPIDS MI 49501 0352

# P R O O F   O F   S E R V I C E

STATE OF MICHIGAN    )

Case No. U-15278

County of Ingham        )

April M. Arman being duly sworn, deposes and says that on April 24, 2007 A.D. she served a copy of the attached Commission orders via E-Mail, to the persons as shown on the attached service list.

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April M. Arman

Subscribed and sworn to before me  
this 24th day of April 2007

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Gloria Pearl Jones  
Notary Public, Eaton County, MI  
Acting in Ingham County, MI  
My Commission Expires June 5, 2007



## ELECTRIC

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Constellation NewEnergy Inc.  
Dillon Energy Services Inc.  
MxEnergy Inc.  
Bay City Electric Light & Power  
Grand Haven Board of Light & Power  
Lansing Board of Water and Light  
Marquette Board of Light & Power  
CMS ERM Michigan LLC  
Metro Energy LLC  
Premier Energy Marketing LLC  
Quest Energy LLC/ WPS Energy Services  
Strategic Energy LLC  
City of Saint Louis  
American PowerNet Management, L.P.  
City of Marshall  
Nordic Marketing of Michigan.com  
Accent Energy Midwest  
Mary Jo Kunkle - MPSC  
SUEZ Energy Resources NA, Inc.  
Constellation NewEnergy-Gas  
Alpena Power  
Lowell Light and Power  
City of Eaton Rapids  
Integrys Energy Service, Inc  
BlueStar Energy Services  
Direct Energy Services  
Lakeshore Energy Services  
Volunteer Energy Services  
Wyandotte Municipal Services  
Wyandotte Municipal Services  
First Energy Solutions  
Sempra Energy Solutions  
Charlevoix Energy Trading  
Mirant Energy Trading, LLC  
Coldwater Board of Public Utilities  
Hillsdale Board of Public Utilities  
Michigan Gas Utilities  
Holland Board of Public Works  
Zeeland Board of Public Works

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\* Total number of users subscribed to the list: 95

\* Total number of local host users on the list: 0

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