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David L. Armstrong
Chairman

James W. Gardner
Vice Chairman

Linda Breathitt
Commissioner

August 6, 2014

PARTIES OF RECORD

RE: Case No. 2012-00428
CONSIDERATION OF THE IMPLEMENTATION OF SMART GRID AND SMART
METER TECHNOLOGIES

Enclosed please find a memorandum that has been filed in the record of the above referenced case for the Informal Conference held on July 30, 2014. Any comments regarding this memorandum's content should be submitted to the Commission within five days of the receipt of this letter. Questions regarding this memorandum should be directed to Aaron Greenwell at 502-782-2563.

Sincerely,

A handwritten signature in blue ink, appearing to read "Jeff Derouen".

Jeff Derouen
Executive Director

Attachments

INTRA-AGENCY MEMORANDUM

KENTUCKY PUBLIC SERVICE COMMISSION

TO: Main Case File - Case No. 2012-00428
CONSIDERATION OF THE IMPLEMENTATION OF SMART GRID
AND SMART METER TECHNOLOGIES

FROM: Aaron Greenwell, Team Leader

DATE: August 6, 2014

SUBJECT: Presentation of the June 30, 2014 Report of the Joint Utilities with
Comments by the AG and CAC

Pursuant to the Staff Notice of July 23, 2014, an informal conference ("IC") was held on Wednesday, July 30, 2014 at the Commission's offices at 211 Sower Boulevard, Frankfort, Kentucky. The purpose of the IC was for the presentation of the findings and recommendations of the Report of the Joint Utilities ("Report") to the Commission and to provide an opportunity for the Commission to ask questions concerning the Report. A copy of the agenda, the attendance list, including those participating by phone, and a copy of the Power Point presentation are attached.

The IC began with opening comments by Chairman David L. Armstrong. Deputy Executive Director, Aaron Greenwell, then provided an explanation of the Commission Staff's participation in the development of the Report. In brief, Commission Staff's participation was limited to reviewing the work plan that was developed to outline the steps needed to complete the Report; participating in telephone conferences held to discuss the various subjects to be addressed in the Report; and submitting comments regarding consistency and clarity of all draft sections as well as the draft final Report.

Next, the findings and recommendations of the Report were presented by a representative of the Joint Utilities. Questions and comments were allowed during the presentation.

In the closing remarks, Commission Staff indicated that a procedural schedule will be developed and issued in the near future to identify the steps to be taken to finalize this administrative proceeding.

Attachments: Agenda
Attendance List
PowerPoint Presentation

AGENDA

CASE NO. 2012-00428, CONSIDERATION OF THE IMPLEMENTATION OF SMART
GRID AND SMART METER TECHNOLOGIES

Informal Conference
Wednesday, July 30, 2014

Opening Remarks

Explanation of Staff involvement

Presentation of the Joint Report

Closing Remarks

ADMINISTRATIVE CASE NO. 2012-00428, SMART GRID
 INFORMAL CONFERENCE
 Wednesday, July 30, 2014

NAME	REPRESENTING
Rick Lovekamp	L&P/KY
John Newland	Kenergy
Justin Brown	Duke Energy
Ken Cooper	Blue Grass Energy
Ricky Candill	Jackson Energy
Scott Ribble	JACKSON PURCHASE ENERGY
G. KELLY NUCKOLS	" " "
Iris Skidmore	CIAC
BOB MOSS	BIG RIVERS ELECTRIC
JOFF LAROCK	SKRECC
Rocco D'Arcenzo	Duke Energy
Chuck Sasser	Duke Energy
Roger Hickman	Big Rivers
Mlem Jennings	Nanta Natural Gas Co.
Nick Morrow	Shelby Energy
Mike Cobb	Owen Electric Corp.
Tony Wells	FARMERS RECC
Xavier Wohlschlag	KY Pur.

**ADMINISTRATIVE CASE NO. 2012-00428, SMART GRID
INFORMAL CONFERENCE
Wednesday, July 30, 2014**

NAME	REPRESENTING
David Phelps	Inter County Energy
Scott Sidwell	Clark Energy Group
Allison Sturgeon	LGE / KU
Duncan Crosby	SKO For LGE-KU
Irene J. Deard	EKPC
David Huff	LGE / KU
Jeff Myers	LGE-KU
Mark Abner	Cumberland Valley Electric
Judy Cooper	Columbia Gas
Greg Phillips	Community Action Council
Gregory Dutton	OAG
Tyson Kamuf	Big Rivers
CHRIS BREWER	BLUE GRASS ENERGY
Brandon Hunt	Flaming-Mason Energy
Tim Sharp	Salt River Electric
CHRIS HOPGOOD - BY TELEPHONE	KENERGY

ADMINISTRATIVE CASE NO. 2012-00428, SMART GRID
 INFORMAL CONFERENCE
 Wednesday, July 30, 2014

NAME	REPRESENTING
CARRON BRUNWELL	PSC
RICHARD RAFF	PSC-LEGAL
DARYL NEWBY	PSC - FA
ERROL K WAGNER	PSC - FA
BOB MOSS	BIG RIVERS ELECTRIC
ROGER HICKMAN	BIG RIVERS
LEAH HANKNER	PSC-FA
QUANG D. NGUYEN	PSC
AARON ANNE COLE	PSC - legal
MATTHEW BAER	PSC - FA
SCOTT RIBBLE	JPEC
G. KELLY NUCKOLS	JPEC
CHUCK SESSION	Duke Energy
ROCCO DIASCANZO	Duke Energy
JUSTIN BROWN	Duke Energy
GLENN JENNINGS	Delvia Natural Gas
JUDY COOPER	Columbia Gas
JOHN NEWLAND	KENERGY

ADMINISTRATIVE CASE NO. 2012-00428, SMART GRID
INFORMAL CONFERENCE
Wednesday, July 30, 2014

NAME	REPRESENTING
Mike French	Meade County RECC
Tyson Kamuf	Big Rivers
JOHN SHUPP	PSC/ENG.
Greg Phillips	Community Action Council
Tris Skidmore	Community Action Council
Virginia Drey	PSC / legal
Scott Sidwell	Clark Energy Coop
Mack Abner	Cumberland Valley Electric
Tim Sharp	Salt River Electric
Branden Hunt	Flaming-Mason Energy
Tony Weiks	FARMERS RECC
Jeff Creek	South Ky RECC
Mike Cobb	Owen Electric Cooperative
Lance Lind	EKPC
Ricky Caudill	Jackson Energy
Allison Sturgeon	LGE/E / KU
David Huff	LGE/E / KU
Duncan Crosby	SKO for LGE-KU

**CONSIDERATION OF THE
IMPLEMENTATION OF SMART
GRID AND SMART METER
TECHNOLOGIES
CASE NO. 2012-00428**

**REVIEW JUNE 30, 2014 REPORT
OF JOINT UTILITIES WITH
COMMENTS BY AG & CAC**

**Informal
Conference
July 30, 2014**

AGENDA

- **Report Development**
- **Topics Reviewed**
 - **Findings and Recommendations**
- **Group Discussion**

REPORT DEVELOPMENT

8-15-2013
Initial
Meeting of
Joint Utilities,
AG, CAC



9-10-2013
Customer
Privacy Topic
Meeting



10-8-2013
Opt-Out
Provision
Topic Meeting



10-15-2013
Informal
Conference
Duke Energy
Envision
Center Tour



8-23-2013
Informal
Conference
Discuss
Report
Development
Process



10-1-2013
Conference
Call
Discuss Draft
of Customer
Privacy
Section



10-10-2013
Informal
Conference
EPRI &
NRECA
Presentations



10-29-2013
Conference
Call
Discuss Draft
of Opt-Out
Provision
Section



REPORT DEVELOPMENT

11-12-2013
Customer
Education
Topic Meeting



12-10-2013
Dynamic
Pricing Topic
Meeting



1-14-2014
Distribution
Smart-Grid
Components
Meeting



2-11-2014
Cyber-
Security Topic
Meeting



12-3-2013
Conference
Call
Discuss Draft
of Customer
Education
Section



1-7-2014
Conference
Call
Discuss Draft
of Dynamic
Pricing
Section



2-4-2014
Conference
Call
Discuss Draft
of
Distribution
Smart-Grid
Components
Section



3-4-2014
Conference
Call
Discuss Draft
of Cyber-
Security
Section



REPORT DEVELOPMENT

3-11-2014
How Natural Gas Companies Might Participate in the Electric Smart Grid Topic Meeting



4-8-2014
Cost Recovery Topic Meeting



5-12-2014
Issue Draft of Final Report



6-11-2014
Conference Call
Discuss 2nd Draft of Final Report



4-1-2014
Conference Call
Discuss Draft of Natural Gas Companies Section



4-29-2014
Conference Call
Discuss Draft of Cost Recovery Section



5-22-2014
Conference Call
Discuss 1st Draft of Final Report



6-24-2014
Conference Call
Final Review and Sign-off of Report



6-30-2014
Submitted Report

TOPICS REVIEWED

- **Customer Privacy**
- **Opt-Out Provisions**
- **Customer Education**
- **Dynamic Pricing**
- **Distribution Smart-Grid Components**
- **Cyber-Security**
- **Cost Recovery**
- **How Natural Gas Companies Might Participate in the Electric Smart Grid**
- **EISA 2007 Smart Grid Information and Investment Standards**

CUSTOMER PRIVACY

- Existing Federal and Kentucky Statutes
- Customer-Privacy Policies
- Industry guidelines and frameworks
- EISA 2007 Information Standard
- AG Comments
- CAC Comments

OPT-OUT PROVISIONS

- **Customer Concerns**
- **Opt-Out Considerations**
- **Operational Impacts of Opt-Outs**
- **Types of Opt-Outs**
- **EISA 2007 Smart-Grid Investment and Information Standards**
- **AG Comments**
- **CAC Comments**

CUSTOMER EDUCATION

- **Customer Education Topics**
- **Customer Channels**
- **EISA 2007 Smart-Grid Investment and Information Standards**
- **AG Comments**
- **CAC Comments**

DYNAMIC PRICING

- **Definition of Dynamic Pricing**
- **Dynamic-Pricing Considerations**
- **EISA 2007 Smart-Grid Investment and Information Standards**
- **AG Comments**
- **CAC Comments**

DISTRIBUTION SMART-GRID COMPONENTS

- **Distribution Smart-Grid Components**
- **Investment Considerations**
- **EISA 2007 Smart-Grid Investment and Information Standards**
- **AG Comments**
- **CAC Comments**

CYBER-SECURITY

- **Cyber-Security Standards**
- **Frameworks and Guidelines**
- **EISA 2007 Smart-Grid Investment and Information Standards**
- **AG Comments**
- **CAC Comments**

HOW NATURAL GAS COMPANIES MIGHT PARTICIPATE IN THE ELECTRIC SMART GRID

- **Electric Smart Grid and Gas Services**
- **Smart Grid Communications**
- **EISA 2007 Smart-Grid Investment and Information Standards**
- **AG Comments**
- **CAC Comments**

COST RECOVERY

- **Considerations for Smart Technology**
- **EISA 2007 Smart-Grid Investment and Information Standards**
- **AG Comments**
- **CAC Comments**

EISA 2007 SMART GRID INFORMATION AND INVESTMENT STANDARDS

- **Information Standard**
- **Investment Standard**
- **AG Comments**
- **CAC Comments**

CONCLUSION AND RECOMMENDATIONS

- Information Standard
- Investment Standard
- AG Comments
- CAC Comments