

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

APPLICATION OF SHELBY ENERGY COOPERATIVE,)
INC FOR A CERTIFICATE OF PUBLIC)
CONVENIENCE AND NECESSITY FOR ITS 2010 ~) CASE NO.
2014 CONSTRUCTION WORK PLAN) 2010-00244

RESPONSE OF:

SHELBY ENERGY COOPERATIVE CORPORATION ("SEC") TO THE

"SECOND ORDERING PARAGRAPH"

FOR COMMISSION'S ORDER 2010-00244

DATED AUGUST 03, 2011

FILED: SEPT 02, 2011

The Witness for All Response Contained Hereinafter:

Gary Grubbs, P.E. ~ Consulting Engineer for SEC

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VERIFICATION

COMMONWEALTH OF KENTUCKY)
) SS:
COUNTY OF SHELBY)

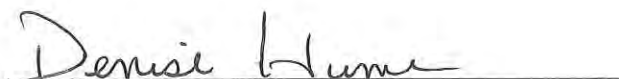
The undersigned, **Gary Grubbs**, being duly sworn, deposes and says that he is a Consulting Engineer for BGE, and that he has personal knowledge of the matters set forth in the response for which he is identified as the witness, and the answers contained therein are true and correct to the best of his information, knowledge and belief



Gary Grubbs

Subscribed and sworn to before me, a Notary Public in and before said County and State, this 2 day of September 2011.

(SEAL)



Notary Public

446577

My Commission Expires:

July 13, 2015

**SHELBY ENERGY COOPERATIVE, INC.
CASE NO. 2010-0024**

**Response to Commission Order
Dated August 03, 2011
Second Ordering Paragraph (SOP)**

Witness: Gary Grubbs

SOP. Within 30 days from the date of this Order, Shelby shall file a timeline for installing the components that were included in it's DEDI project. Shelby should include in this filing a list of the components that it does not plan to install and the reasons for not going forward with those items. Shelby shall also file annually for three years a report of its progress on installing the components and a quantification of the benefits.

Answer. See Timeline on page 5

SEC DEDI PROJECT ESTIMATED TIMELINE

PROJECT #	PROJECT DESCRIPTION	ESTIMATED COST	ESTIMATED START DATE	2011												2012																		
				JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC							
1	Replace substation RTUs for set-point control of sub voltage regulators	\$21,950	02/01/12																															
2	New SCADA software and a 2-server SCADA master station	\$35,000	02/01/12																															
3	Replace substation RTUs for set-point control of sub voltage regulators	\$24,300	02/01/12																															
4	Capacitor bank switches and controls	\$56,125	11/01/11																															
5	Futura "Outage" software	\$25,000	03/01/12																															
6	Radio communication links to down-line equipment	\$28,800	11/01/11																															
7	SCADA master station software for interface with DNP3 protocol IEDs	\$25,000	2/1/2012																															
8	In-home displays (IHDs)	\$4,650	NA ¹																															
9	Photovoltaic installation	\$18,250	NA ²																															

NOTE(S): At present, the above estimated costs and project dates are believed to be accurate. SEC will submit to the PSC any changes or corrections to this schedule as such is determined from time to time.

FOOTNOTES: ¹ SEC's existing plan is to test and make use of customer cell phones to text billing and TOU information as an alternative to In-Home-Dispalys.

² The school complex that was selected for for this Photovoltaic (PV) instalation was provided alternative funding for a larger-scale PV project by another source.