

FILED²

JUL 29 2005

Missouri Public
Service Commission

1 LENA M. MANTLE

2 CASE NO. EO-2005-0263

3
4 Q. Please state your name and business address.

5 A. My name is Lena M. Mantle and my business address is Missouri Public
6 Service Commission, P. O. Box 360, Jefferson City, Missouri 65102.

7 Q. What is your present position with the Missouri Public Service Commission
8 (Commission)?

9 A. I am the Utility Engineering Supervisor, Engineering Analysis Section of the
10 Energy Department, Utility Operations Division.

11 Q. Would you please review your educational background and work experience?

12 A. I received a Bachelor of Science Degree in Industrial Engineering from the
13 University of Missouri, at Columbia, in May 1983. I joined the Commission Staff (Staff) in
14 August 1983 as a Research Economist. I became an Engineer for the Staff in November
15 1984. The first task that I was given as an Engineer was to review the energy efficiency and
16 demand response programs of the investor owned electric utilities in Missouri. I was
17 involved in the Staff's review of the electric utility planning processes of all electric utilities
18 under the Commission's general jurisdiction prior to the development of the Commission's
19 Electric Resource Planning Rules (4 CSR 240-22). I participated in the workshops in which
20 Chapter 22 was written with my area of concentration being in particular demand-side
21 management.

22 I was a part of the Staff team that reviewed the resource plans that were filed by the
23 electric utilities beginning in December 1993. While my assigned area of concentration was

Exhibit No. 10
Case No(s). EO-2005-0263
Date 7-22-05 Rptr KF

1 demand-side management and I was responsible for reviewing the demand-side resource
2 analysis filing (4 CSR 240-22.050), the Staff team spent time reviewing the entire filing.

3 Since the Commission granted a variance to the utilities from making filings
4 respecting 4 CSR 240-22 in Case No. EO-99-544 on June 1, 1999, I have had the
5 responsibility for planning and coordinating the semi-annual resource planning updates with
6 the electric utilities.

7 I was promoted to my current position as Utility Engineering Supervisor of the
8 Engineering Analysis Section of the Energy Department in August 2001. My section is
9 utilized for areas where engineering expertise is needed; generally in the areas of fuel and
10 purchase power expense, electric transmission and distribution facilities, customer
11 complaints. In this position, I also continue my responsibilities with electric resource
12 planning. I am a registered Professional Engineer in the State of Missouri, License No.
13 023212.

14 Q. Have you previously filed testimony before this Commission?

15 A. Yes, I have. Please see Schedule 1 attached to this testimony for a list of
16 cases in which I have previously filed testimony.

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PREVIOUS TESTIMONY OF
LENA M. MANTLE

CASE NUMBER	TYPE OF TESTIMONY	ISSUES
ER-84-105	Direct	Demand-Side Update
ER-85-20	Direct	Demand-Side Update
ER-85-128, et. al	Direct	PURPA Standards
EC-87-114, et. al.	Surrebuttal	Annualization & Normalization of Sales
EO-90-101	Direct, Rebuttal, and Surrebuttal	Weather Normalization of Sales Normalization of Net System
ER-90-138	Direct	Normalization of Net System
EO-90-251	Rebuttal	Promotional Practice Variance
EO-91-74, et. al.	Direct	Weather Normalization of Class Sales Normalization of Net System
ER-93-37	Direct	Weather Normalization of Class Loads Normalization of Net System
ER-94-163	Direct	Normalization of Net System
ER-94-174	Direct	Weather Normalization of Class Sales Normalization Net System
EO-94-199	Direct	Weather Normalization of Sales
ET-95-209	Rebuttal and Surrebuttal	New Construction Pilot
ER-95-279	Direct	Normalization of Net System
ER-97-81	Direct	Weather Normalization of Class Hourly Loads, TES Tariff, Normalization of Net System

PREVIOUS TESTIMONY
OF LENA M. MANTLE (cont.)

CASE NUMBER	TYPE OF TESTIMONY	ISSUES
EO-97-144	Direct	Weather Normalization of Class Loads Normalization of Net System
ER-97-394, et. al.	Direct, Rebuttal and Surrebuttal	Weather Normalization of Class Loads Normalization of Net System Energy Audit Tariff
EM-97-575	Direct	Normalization of Net System
EM-2000-292	Direct	Normalization of Net System Load Research
ER-2001-299	Direct	Weather Normalization of Class Loads Normalization of Net System
EM-2000-369	Direct	Load Research
ER-2002-1	Direct	Weather Normalization of Class Loads Normalization of Net System
ER-2001-672	Direct and Rebuttal	Weather Normalization of Class Loads Normalization of Net System
EC-2002-1	Direct Rebuttal	Weather Normalization of Class Loads Normalization of Net System
ER-2002-424	Direct	Derivation of Normal Weather
EF-2003-465	Rebuttal	Resource Planning
ER-2004-0570	Direct	Reliability Indices
ER-2004-0570	Rebuttal and Surrebuttal	Energy Efficiency Programs and Wind Research Program
EO-2005-0329	Oral	DSM Programs and Integrated Resource Planning