

Exhibit No.:
Issues: Weather
Normalization
Witness: Shawn E. Lange
Sponsoring Party: MO PSC Staff
Type of Exhibit: True-up Direct
Testimony
Case No.: ER-2006-0314
Date Testimony Prepared: November 7, 2006

MISSOURI PUBLIC SERVICE COMMISSION

UTILITY OPERATIONS DIVISION

TRUE-UP DIRECT TESTIMONY

OF

SHAWN E. LANGE

KANSAS CITY POWER & LIGHT COMPANY

CASE NO. ER-2006-0314

**Jefferson City, Missouri
November 2006**

**BEFORE THE PUBLIC SERVICE COMMISSION
OF THE STATE OF MISSOURI**


In the Matter of the Application of Kansas)
City Power & Light Company for)
Approval to Make Certain Changes in its)
Charges for Electric Service to Begin the)
Implementation of Its Regulatory Plan)

Case No. ER-2006-0314

AFFIDAVIT OF SHAWN E. LANGE

STATE OF MISSOURI)
) ss
COUNTY OF COLE)

Shawn E. Lange, of lawful age, on his oath states: that he has participated in the preparation of the following True-Up Direct Testimony in question and answer form, consisting of 2 pages of True-Up Direct Testimony to be presented in the above case, that the answers in the following True-Up Direct Testimony were given by him; that he has knowledge of the matters set forth in such answers; and that such matters are true to the best of his knowledge and belief.


Shawn E. Lange

Subscribed and sworn to before me this 3rd day of November, 2006.



SUSAN L. SUNDERMEYER
My Commission Expires
September 21, 2010
Callaway County
Commission #06942086


Notary Public

My commission expires 9-21-10

True-up Direct Testimony of
Shawn E. Lange

1 including it in the calculation of NSI, the result was a double-counting of Company use.

2 Therefore, I removed the company use component from the NSI calculation.

3 Q. Did Staff provide any other revisions to NSI?

4 A. Yes. Staff witness Kim Bolin provided updated customer growth, and Large
5 Power (LP) annualization adjustments through September 30, 2006, the end of the true-up
6 period, which are reflected in the values contained in my Schedule 3.

7 Q. How were the NSI loads shown in Schedule 3 and Schedule 4 used in this
8 case?

9 A. Staff witness Leon Bender used the test year hourly normalized NSI loads,
10 updated through September 30, 2006, in developing fuel and purchased power expense
11 updated through the true-up period.

12 Q. What is your recommendation?

13 A. I recommend that the Commission adopt the updated hourly NSI loads that I
14 calculated.

15 Q. Does this conclude your true-up direct testimony?

16 A. Yes, it does.

KANSAS CITY POWER & LIGHT
COMPONENTS OF ANNUAL NET SYSTEM INPUT
ER-2006-0314

	Energy (kwh) w/losses	Large Customer Annualizations	Normalization for Weather	Additional kWh from Cust Growth	Total KCP&L Normalized kWh
Mo Retail	9,048,186,068	(294,044)	(106,330,915)	56,502,618	8,998,063,727
Non-Mo Retail	6,741,261,990	(12,776,736)	(108,604,842)	152,152,543	6,772,032,954
Wholesale	143,054,274	-	(1,534,262)	-	141,520,012
NSI	15,932,502,332	(13,070,780)	(216,470,019)	208,655,161	15,911,616,694

KANSAS CITY POWER & LIGHT COMPANY
ER-2006-0314
Net System Load
Normalized for 2005*

Month	Monthly Usage (MWh)				Monthly Peaks (MW)				Load Factor	
	Actual	Normal	Adj	% Adj	Actual	Normal	Adj	% Adj	Actual	Normal
Jan-05	1,338,971	1,379,026	40,055	2.99%	2,313	2,428	115	4.99%	0.78	0.76
Feb-05	1,103,395	1,169,522	66,127	5.99%	2,186	2,356	170	7.79%	0.75	0.74
Mar-05	1,161,632	1,186,058	24,426	2.10%	2,003	2,109	106	5.31%	0.78	0.76
Apr-05	1,071,849	1,081,004	9,155	0.85%	2,042	2,003	(39)	-1.91%	0.73	0.75
May-05	1,211,826	1,208,784	(3,042)	-0.25%	2,615	2,697	82	3.13%	0.62	0.60
Jun-05	1,510,784	1,483,875	(26,909)	-1.78%	3,338	3,332	(6)	-0.19%	0.63	0.62
Jul-05	1,707,780	1,724,826	17,046	1.00%	3,512	3,558	46	1.32%	0.65	0.65
Aug-05	1,652,949	1,631,533	(21,416)	-1.30%	3,426	3,440	14	0.39%	0.65	0.64
Sep-05	1,424,219	1,326,006	(98,213)	-6.90%	3,007	2,977	(30)	-1.01%	0.66	0.62
Oct-05	1,184,197	1,157,598	(26,599)	-2.25%	2,754	2,174	(580)	-21.04%	0.58	0.72
Nov-05	1,148,311	1,182,074	33,763	2.94%	2,209	2,276	67	3.02%	0.72	0.72
Dec-05	1,369,276	1,381,310	12,034	0.88%	2,563	2,572	9	0.37%	0.72	0.72
Annual	15,885,189	15,911,617	26,428	0.17%	3,512	3,558	46	1.32%	0.52	0.51

Summer	6,295,732	6,166,241	(129,491)	-2.06%	3,512	3,558	46	1.32%	0.61	0.59
Other	9,589,457	9,745,376	155,919	1.63%	2,754	2,697	(57)	-2.07%	0.60	0.62

* Normalized for weather, growth, large customers, including losses, updated for true-up.