

1 Q. Further to the response to V-NLH-1 in relation to the 2013 RSP proceeding, is Hydro
2 aware of any utilities in North America that utilize a fuel variation component
3 within their rate stabilization plan or fuel adjustment charge? If the answer is yes,
4 provide the name of each utility and describe the provision of each such fuel
5 variation, including a comparison of each to Hydro's current provisions which
6 outlines the similarities and the differences with Hydro's fuel variation component.

7
8
9 A. Fuel variation, in terms of quantity and price, is intrinsic in the mechanism of
10 virtually any utility that has a fuel adjustment clause. For such utilities, variations in
11 the quantity of fuel purchased are driven by a number of variables, one of which
12 may include hydraulic production.

13
14 The examples below are illustrative of fuel adjustment clauses of other utilities in
15 North America. In each case the fuel adjustment clause accounts for the difference
16 between the total cost of fuel burned and the total fuel revenues recovered
17 without specific recognition of the variability of individual generation sources that
18 affect the quantity of fuel burned. That is, if, for example, fuel oil is the marginal
19 source of supply, variations in another supply source are ultimately manifested in
20 greater or lesser quantities of fuel burned. Hydro's approach, which evolved out of
21 its relatively unique circumstances, accounts for variances in the cost of fuel from a
22 different perspective. Its two principle generation sources are hydraulic and
23 thermal and the two main variables that affect the cost of fuel in relation to the test
24 year cost of fuel are variations in hydraulic production and customer usage. An
25 overview of Hydro's fuel cost variation calculation is outlined below.

- The Hydraulic Production Variation component in the Rate Stabilization Plan prices the difference between actual and forecast test year hydraulic production at the test year forecast price of fuel;
- The Fuel Cost Variation component of the RSP accounts for the cost of the difference between the actual average price of fuel oil and the test year cost of fuel oil;
- The Load Variation component of the RSP includes a fuel component that accounts for variances in the test year cost of fuel as a result of variances in customer class usage; and
- Hydro is proposing to add an energy supply variation component to the RSP that will recognize and recover fuel cost variations from power purchases, diesel and gas turbine production.

Typical fuel adjustment clauses of other utilities in North America are described below.

Otter Tail Power Company (South Dakota)

Otter Tail owns hydroelectric generation. The Fuel Adjustment Clause Rider, which prescribes the calculation for the fuel adjustment to be applied to sales in the following month, is based on the average cost of fuel in the most recent three-month period, plus unrecovered (or less over-recovered) prior cumulative energy costs, divided by associated retail energy sales in the recent three month period.

https://www.otpc.com/media/103111/SD_1301.pdf (Included as PUB-NLH 285

Attachment 1)

1 Energy – New Orleans

2 The fuel adjustment charge is based on the \$/kWh fuel cost in a prior month,
3 adjusted for any over or under collections, plus carrying charges.

4 http://entergyneworleans-px.rtrk.com/content/price/tariffs/enoi_elec_fac.pdf

5 (Included as PUB-NLH 285 Attachment 2)

6
7 City Utilities of Springfield, Missouri

8 The City's fuel adjustment clause is computed semi-annually by projecting the fuel
9 cost in the next six months; subtracting the fuel cost projected to be recovered
10 through the base rates in the same period; adding any under or over recovery of
11 fuel cost through the previous month; and dividing by the projected kWh sales for
12 the next six months.

13 <http://www.cityutilities.net/pricing/pricing-electric-fueladjustclause.pdf>

14 (Included as PUB-NLH 285 Attachment 3)

15
16 Portland General Electric (Oregon)

17 Approximately 9% of Portland General's power is from hydraulic resources.
18 Portland General's fuel adjustment rates are computed annually based on a
19 projection of fuel, purchased power and related energy supply acquisition costs
20 (Net Variable Power Costs, or NVPC) and sales for the next calendar year, less the
21 NVPC revenues that would occur at the NVPC prices determined in the Company's
22 most recent general rate case. Recovery of the revenues so determined are subject
23 to exceeding dead-band limits in an earnings test.

24 http://www.portlandgeneral.com/our_company/corporate_info/regulatory_documents/pdfs/schedules/Sched_126.pdf (Included as PUB-NLH 285 Attachment 4)

25 http://www.portlandgeneral.com/our_company/corporate_info/regulatory_documents/pdfs/schedules/Sched_125.pdf (Included as PUB-NLH 285 Attachment 4)

1 Northern Indiana Public Service Company

2 NIPSCO has a quarterly fuel adjustment clause based on projected fuel costs over
3 the next three months, divided by projected sales in that period, and modified to
4 include unrecovered fuel costs from the preceding quarter.

5 Rider 670 in: [http://www.nipsco.com/en/about-us/Rates-Tariffs/electric-service-](http://www.nipsco.com/en/about-us/Rates-Tariffs/electric-service-tariff-122711.aspx)
6 [tariff-122711.aspx](http://www.nipsco.com/en/about-us/Rates-Tariffs/electric-service-tariff-122711.aspx) (Included as PUB-NLH 285 Attachment 5)

7
8 Duke Energy – Kentucky

9 The fuel adjustment charge for Duke Energy-Kentucky is based on the cost of fuel in
10 the second preceding month, divided by kWh sales in the second preceding month,
11 minus the base cost of fuel included in rates.

12 <http://www.duke-energy.com/pdfs/Sheet.No.80..FAC.Base.Rate.5-13.pdf>

13 (Included as PUB-NLH 285 Attachment 6)

ELECTRIC RATE SCHEDULE
Fuel Adjustment Clause Rider



Fergus Falls, Minnesota

First Revised Sheet No. 1 Cancelling Original Sheet No. 1

FUEL ADJUSTMENT CLAUSE RIDER

DESCRIPTION	RATE CODE
Fuel Adjustment Clause Rider	71-540

N
N
N

RULES AND REGULATIONS: Terms and conditions of this electric rate schedule and the General Rules and Regulations govern use of this rider.

N
N

There shall be added to the monthly bill the amount per Kilowatt-Hour (rounded to the nearest 0.001¢) of the average cost of fuel per Kilowatt-Hour. The average cost of fuel per Kilowatt-Hour for the current period shall be calculated from data covering actual costs from the most recent three month period as follows:

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Energy costs from actual months 1, 2 and 3 plus unrecovered (or less over recovered) prior cumulative energy costs plus (or minus) the carrying charge, divided by the associated energy (reduced for average system losses) associated with retail sales for actual months 1, 2 and 3 equals the cost of energy amount.

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The applicable adjustment will be applied month to month on a uniform billing cycle to each Customer's bill beginning with cycle 1 of the calendar month following the month when the adjustment is calculated. The cost of fuel shall be determined as follows:

1. The expense of fossil and other fuels, including but not limited to, biomass, wood, refuse-derived fuel (RDF), and tire-derived fuel (TDF), as recorded in Account 151 of the FERC's Uniform System of Accounts for Public Utilities and Licensees, used in the Company's generating plants.
2. The utility's share of the expense of fossil fuel, as recorded in Account 151, used in jointly owned or leased plants.
3. The net energy cost of energy purchases when such energy is purchased on an economic dispatch basis, exclusive of Capacity or Demand charges.
4. The net cost of energy purchases from any facility utilizing wind or other renewable energy conversion systems for the generation of electric energy, whether or not those purchases occur on an economic dispatch basis.
5. Renewable energy purchased for the **TailWinds** program is not included in the Fuel Adjustment Clause Rider calculation.

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ELECTRIC RATE SCHEDULE
Fuel Adjustment Clause Rider



Fergus Falls, Minnesota

First Revised Sheet No. 2 Cancelling Original Sheet No. 2

(Continued)

6. Costs or revenues linked to the utility's load serving obligation, associated with participation in wholesale electric energy markets operated by Regional Transmission Organizations, Independent System Operators or similar entities that have received Federal Energy Regulatory Commission approval to operate the energy markets.
7. The actual identifiable fossil and nuclear fuel expense associated with energy purchased for reasons other than identified in 3 and 4 above.
8. Less the fuel and other related costs recovered through intersystem sales.
9. One hundred percent (100%) of the Company's South Dakota jurisdictional asset-based margins shall be credited to the Fuel Adjustment Clause Rider. The margins will be calculated after the close of the calendar month and included as a credit in the calculation of the monthly Fuel Adjustment Clause Rider. Asset-based margins are defined as revenue minus expenses associated with asset-based transactions energy sales. T
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10. MISO Ancilliary Services Market ("ASM") transactions (excluding ancilliary services revenues and expenses derived through OTP's individual FERC-approved Control Area Services Operations Tariff) shall flow through the Fuel Adjustment Clause Rider. N
N
N
11. Ninety percent (90%) of South Dakota renewable energy credits sold shall be credited to the Fuel Adjustment Clause Rider. N
N
12. Any allocable emission allowances sold shall be credited to (flow through) the Fuel Adjustment Clause Rider. N
N
13. Twenty-five percent (25%) of the Company's South Dakota jurisdictional non-asset based wholesale margins shall be credited to the Fuel Adjustment Clause Rider calculation. The margins will be calculated annually after the close of each calendar year and the twenty-five percent (25%) will be credited only if the calendar year margin is positive; and the twenty-five percent (25%) to be credited will be apportioned and applied equally each month (1/12th) over the following 12-month period. Non-asset based margins are defined as revenue minus expenses associated with non-asset based transactions. T
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ELECTRIC RATE SCHEDULE
Fuel Adjustment Clause Rider



Fergus Falls, Minnesota

First Revised Sheet No. 3 Cancelling Original Sheet No. 3

(Continued)

The Company's Customers will be served with the lowest cost resources available when the Company is engaged in asset-based transactions. For purposes of comparing which resources are lowest cost under this paragraph and for purposes of determining what order of dispatch constitutes "economic dispatch" under this rate schedule, must-take and take-or-pay energy purchases and must-run resources, such as generation with minimum operating levels, intermittent wind, and run-of-river hydroelectric generation shall always be assigned to retail due to the fact that they have a very low or no avoidable variable cost. Energy purchases that are necessary for reliable and adequate service to retail Customers shall be procured at the lowest cost to the extent allowed by state or federal law or regulatory authority.

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Where, for any reason, billed system sales cannot be coordinated with fuel and other related costs, sales may be equated to the total of:

1. Net generation
2. Purchases and net interchange in, less
3. Intersystem sales, less
4. Losses on system retail sales

A carrying charge or credit will be included to determine the monthly fuel adjustment factor. The carrying charge or credit will be determined by applying one twelfth (1/12) of the overall rate of return granted by the Commission in the most recent rate decision to the recorded deferred fuel cost balance of the latest fuel adjustment calculation.

ENTERGY NEW ORLEANS, INC.
ELECTRIC SERVICE

RIDER SCHEDULE FAC-5

Effective: June 1, 2011
Filed: December 15, 2010
Supersedes: FAC effective 6/1/09
Schedule Consists of: One Sheet Plus
Schedule A and
Attachments A and B

FUEL ADJUSTMENT CLAUSE

I. GENERAL

A. PURPOSE

This Fuel Adjustment Clause ("Rider FAC") defines the procedure by which Entergy New Orleans, Inc. ("ENO" or "Company") shall recover its net fuel, purchased energy and capacity costs in accordance with the provisions of Section III of this Rider FAC. Rider FAC shall apply in accordance with the provisions of Section I.B below to electric service billed under certain rate schedules and/or rider schedules, whether metered or unmetered, subject to the jurisdiction of the Council of the City of New Orleans ("Council").

B. FUEL ADJUSTMENT CLAUSE RATES

The monthly rates associated with the Fuel Adjustment Clause ("Fuel Adjustment Clause Rates") shall be set forth in Attachment B, Section 4, Page 1 of 4, to this Rider FAC during the AMI Pilot Program. Effective with the first billing cycle for the month of January 2013, the monthly rates associated with the Fuel Adjustment Clause ("Fuel Adjustment Clause Rates") shall be set forth in Attachment A, Section 4, Page 1 of 4, to this Rider FAC. The Fuel Adjustment Clause Rates shall be determined in accordance with the provisions of Sections II and III of this Rider FAC. The Fuel Adjustment Clause Rates shall be applied in accordance with the provisions set out in Attachment B to this Rider FAC during the AMI Pilot Program. Effective with the first billing cycle for the month of January 2013, the Fuel Adjustment Clause Rates shall be applied in accordance with the provisions set out in Attachment A to this Rider FAC. However, if any of the Fuel Adjustment Clause Rates are expected to be more than twenty five (25) percent higher than the rate charged in the previous month, the Company has the obligation to notify the Council within ten (10) days prior to the first billing cycle in which the Fuel Adjustment Clause Rates will be charged.

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II. MONTHLY FUEL ADJUSTMENT CLAUSE FILING

On or before the first billing cycle of each month beginning in June 2011, the Company shall file a monthly Fuel Adjustment Clause Filing with the Council. The monthly Fuel Adjustment Clause Filing shall include the monthly Fuel Adjustment Clause Rates as determined by application of the formula set out in Attachment B to this Rider FAC during the AMI Pilot Program. Effective with the first billing cycle of each month beginning in January 2013, the monthly Fuel Adjustment Clause Filing shall include the monthly Fuel Adjustment Clause Rates as determined by application of the formula set out in Attachment A to this Rider FAC. Each Fuel Adjustment Clause Filing shall be filed with the Council and shall be accompanied by a set of workpapers sufficient to document fully the calculations of the redetermined Fuel Adjustment Clause Rates.

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III. METHODOLOGIES

A. FUEL RATES

The fuel rates shall be determined as set forth in Attachment B, Section 1, Page 1 of 4, to this Rider FAC during the AMI Pilot Program. Effective with the first billing cycle for the month of January 2013, the fuel rates shall be determined as set forth in Attachment A, Section 1, Page 1 of 4, to this Rider FAC.

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B. CAPACITY RATES

The capacity rates shall be determined as set forth in Attachment B, Section 1, Page 3 of 4, to this Rider FAC. Effective with the first billing cycle for the month of January 2013, the capacity rates shall be determined as set forth in Attachment A, Section 1, Page 3 of 4 to this Rider FAC.

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C. OVER / UNDER RECOVERY

The Fuel Adjustment Clause Filing should include an over / under recovery computation to provide a true-up of Fuel Costs to actual Rider FAC revenues. This computation should be made in accordance with Attachment B, Page 2 of 4 to this Rider FAC during the AMI Pilot Program. Effective with the first billing cycle for the month of January 2013, the Fuel Adjustment Clause Filing should include an over / under recovery computation to provide a true-up of Fuel Costs to actual Rider FAC revenues made in accordance with Attachment A, Page 2 of 4 to this Rider FAC.

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In accordance with Council Resolution R-10-324 in Docket UD-10-01, a separate over / under recovery calculation will be maintained for those customers participating in the AMI Pilot Program. Any over/under recovery balance remaining at the end of the pilot program will be distributed to the AMI Pilot Program participants in accordance with Council Resolution R-10-324.

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D. CARRYING CHARGES ON OVER / UNDER RECOVERY

The over / under recovery computations should include interest on the average of the balances existing at the beginning and end of the current operating month. The interest rate to be utilized is the prime bank lending rate as published in the Wall Street Journal on the last business day of each month.

AT

IV. CORRECTION OF ERRORS IN PRIOR PERIODS

ENO is obligated to correct filing errors in prior period Fuel Adjustment Clause Filings. Filing errors are differentiated from vendor invoice errors or changes that occur on a continuing basis that are simply corrected in the then-current operating month's fuel costs. Filing errors in prior period filings must be described and quantified in a supplemental report in the current operating month filing. Correction of the errors will be through an addition or subtraction to the cumulative over / under recovery balance absent other direction from the Council. The correction of the error should include interest from the effective date of the error through the effective date of the correction pursuant to Section III B above.

V. TERM

This Rider FAC shall remain in effect until modified or terminated in accordance with the provisions of this Rider FAC or applicable regulations or laws. Nothing herein shall prevent the Council or the Company from proposing elimination of this Rider FAC at any time in the manner provided by law.

Nothing contained in this Rider FAC shall limit the right of any party to file an appeal as provided by law.

Schedule A

Full Re-alignment of Grand Gulf
Non-Fuel Costs (\$90.625MM)

January	\$	7,517,000
February	\$	7,429,000
March	\$	6,138,000
April	\$	7,448,000
May	\$	7,092,000
June	\$	6,939,000
July	\$	7,324,000
August	\$	8,236,000
September	\$	8,368,000
October	\$	7,849,000
November	\$	7,587,000
December	\$	8,698,000
	\$	90,625,000

ENTERGY NEW ORLEANS, INC.
FUEL ADJUSTMENT CLAUSE RATE FORMULA
Data Based on Operations Month of _____
Applied to Bill in the Month of _____

LINE NO	DESCRIPTION	REFERENCE		
SECTION 1				
FUEL RATES				
1	Actual Fuel and Purchased Power Energy Costs for Operations Month - Per Books	Attachment A; P2, L9	_____	
1a	kWh Sales for Operations Month	Attachment A; P3, L9	_____	kWh
1b	Fuel Rate	L1/ L1a	_____	/kWh
2	Non-Transmission Service Level Voltage Loss Factor	Attachment A: P4, L5	_____	
3	Fuel Rate per kWh Delivered for Non-Transmission Service Voltage Level Sales in Billing Month	L1b * L2	_____	/kWh
4	Transmission Service Level Voltage Loss Factor	Attachment A: P4, L6	_____	
5	Fuel Rate per kWh Delivered for Transmission Service Voltage Level Sales in Billing Month Excluding Rate Schedule EIS Available and Off-Peak kWh Sales in Billing Month	L1b * L4	_____	/kWh
6	Fuel Rate per kWh Delivered for Rate Schedule EIS Available and Off-Peak kWh Sales in Billing Month	L5 * 1.3	_____	/kWh
SECTION 2				
CAPACITY RATES				
7	Capacity Rate for All kWh Sales in Billing Month Excluding Rate Schedule EIS Available and Off-Peak kWh Sales	Attachment A: P3, L10	_____	/kWh
8	Capacity Rate for Rate Schedule EIS Available and Off-Peak kWh Sales in Billing Month	Attachment A: P3, L11	_____	/kWh
SECTION 3				
(OVER) / UNDER SURCHARGE RATE				
9	(Over) / Under Surcharge Rate for All kWh Sales in Billing Month	Attachment A: P2, L16	_____	/kWh
SECTION 4				
FUEL ADJUSTMENT CLAUSE RATES				
Fuel Adjustment Clause Rate in Billing Month for:				
10	Non-Transmission Service Voltage Level kWh Sales	L3 + L7 + L9	_____	/kWh
11	Transmission Service Voltage Level Sales Excluding Rate Schedule EIS Available and Off-Peak kWh Sales	L5 + L7 + L9	_____	/kWh
12	Rate Schedule EIS Available and Off-Peak kWh Sales	L6 + L8 + L9	_____	/kWh

ENTERGY NEW ORLEANS, INC.
SURCHARGE FOR (OVER) / UNDER BILLING RECOVERY

Data Based on Operations Month of _____
Applied to Bill in the Month of _____

LINE NO	DESCRIPTION	REFERENCE		
SECTION 1				
FUEL ADJUSTMENT REVENUE				
1	Non-Transmission Service Voltage Level Sales for Operations Month		_____	kWh
2	Transmission Service Voltage Level Sales for Operations Month Excluding Rate Schedule and EIS Available and Off-Peak kWh Sales		_____	kWh
3	Rate Schedule EIS Available and Off-Peak kWh Sales for Operations Month		_____	kWh
4	Fuel Adjustment Clause Rate for Non-Transmission Service Voltage Level Sales in Operations Month	Attachment A Page 1 of Operations Month Filing	_____	/kWh
5	Fuel Adjustment Clause Rate for Transmission Service Voltage Level Sales in Operations Month Excluding Rate Schedule EIS Available and Off-Peak kWh Sales	Attachment A Page 1 of Operations Month Filing	_____	/kWh
6	Fuel Adjustment Clause Rate for Rate Schedule EIS Available and Off-Peak kWh Sales in Operations Month	Attachment A Page 1 of Operations Month Filing	_____	/kWh
7	Fuel Adjustment Revenue for Operations Month	(L1 * L4) + (L2 * L5) + (L3 * L6)	_____	
SECTION 2				
CUMULATIVE (OVER) / UNDER COLLECTION				
8	Cumulative (Over) / Under Collection from Previous Month	Attachment A: P2 L14 of Previous Month Filing	_____	
9	Actual Fuel and Purchased Power Energy Costs for Operations Month - Per Books		_____	
10	Capacity Cost for Operations Month	Attachment A: P3, L8	_____	
11	Fuel Adjustment Revenue for Operations Month	L7	_____	
12	Prior period adjustments and associated interest		_____	
13	Interest on Average of Beginning-of-Month and End-of-Month Cumulative (Over) / Under Balances for Operations Month	$((L8 + (L8 + L9 + L10 - L11 + L12)) / 2) * ((\text{Prime Rate}) / 12)$ (See Note)	_____	
14	Cumulative (Over) / Under for Operations Month	L8 + L9 + L10 - L11 + L12 + L13	_____	
SECTION 3				
(OVER) / UNDER SURCHARGE RATE				
15	Sales for 12 Months Ending With Operations Month		_____	kWh
16	(Over) / Under Surcharge Rate for All kWh Sales in Billing Month	L14/L15	_____	/kWh

Note: Prime Rate on the last business day of _____ as stated in the Wall Street Journal was ____%

ENTERGY NEW ORLEANS, INC.
CAPACITY COST

Data Based on Operations Month of _____
Applied to Bill in the Month of _____

LINE NO	DESCRIPTION	REFERENCE	
SECTION 1			
	CAPACITY COST		
1	Actual Capacity Cost of New Resource Plan		
2	Plus Reserve Equalization in Account 555		
3	Less Reserve Equalization in Account 447		
4	Plus Non-Energy Costs in FERC Accounts 501 and 547 costs (SFI Period Costs on SFI Invoice)		
5	Plus Call Options Premium in Account 555		
6	Plus Actual Grand Gulf Non-Fuel Costs for Operations Month		
7	Less Grand Gulf Non-Fuel Costs in Base Rates		
8	Capacity Cost for Operations Month	L1+L2-L3+L4+L5+L6-L7	
9	kWh Sales for Operations Month		kWh
10	Capacity Rate for All kWh Sales in Billing Month Excluding Rate Schedule EIS Available and Off-Peak kWh Sales	L8 / L9	/kWh
11	Capacity Rate for Rate Schedule EIS Available and Off-Peak kWh Sales in Billing Month	L10 * 1.3	/kWh

ENTERGY NEW ORLEANS, INC.

LOSS FACTORS

Data Based on Operations Month of _____
Applied to Bill in the Month of _____

LINE NO	DESCRIPTION	REFERENCE	
SECTION 1			
SALES AND INPUT			
1	Non-Transmission Service Voltage Level Sales for 12 Months Ending with Operations Month		_____ kWh
2	Net Area Input for 12 Months Ending with Operations Month		_____ kWh
3	Transmission Service Voltage Level Sales for 12 Months Ending with Operations Month Adjusted to Input Level		_____ kWh
4	Net Area Input for Non-Transmission Service Voltage Level for 12 Months Ending with Operations Month	L2 - L3	_____ kWh
SECTION 2			
LOSS FACTORS			
5	Non-Transmission Service Level Voltage Loss Factor	L4 / L1	_____
6	Transmission Service Level Voltage Loss Factor		_____

Page 26.8
Schedule FAC
Attachment B
Page 1 of 4
Effective: June 1, 2011
Filed: December 15, 2010

ENTERGY NEW ORLEANS, INC.
FUEL ADJUSTMENT CLAUSE RATE FORMULA

Data Based on Operations Month of _____
Applied to Bill in the Month of _____

LINE NO	DESCRIPTION	REFERENCE	
SECTION 1			
FUEL RATES			
1	Actual Fuel and Purchased Power Energy Costs for Operations Month - Per Books	Attachment B; P2, L11	
1a	kWh Sales for Operations Month	Attachment B; P3, L9	_____ kWh
1b	Fuel Rate	L1/ L1a	_____ /kWh
2	Non-Transmission Service Level Voltage Loss Factor	Attachment B: P4, L5	_____
3	Fuel Rate per kWh Delivered for Non-Transmission Service Voltage Level Sales in Billing Month Excl. AMI Pilot Program Sales	L1b * L2	_____ /kWh
4	Transmission Service Level Voltage Loss Factor	Attachment B: P4, L6	_____
5	Fuel Rate per kWh Delivered for Transmission Service Voltage Level Sales in Billing Month Excluding Rate Schedule EIS Available and Off-Peak kWh Sales in Billing Month	L1b * L4	_____ /kWh
6	Fuel Rate per kWh Delivered for Rate Schedule EIS Available and Off-Peak kWh Sales in Billing Month	L5 * 1.3	_____ /kWh
7	Fuel Rate per kWh Delivered for AMI Pilot Program Sales in Billing Month	Prior Month Attachment B: P1, L3	_____ /kWh
SECTION 2			
CAPACITY RATES			
8	Capacity Rate for All kWh Sales in Billing Month Excluding Rate Schedule EIS Available and Off-Peak kWh Sales and AMI Pilot Program Sales	Attachment B: P3, L10	_____ /kWh
9	Capacity Rate for Rate Schedule EIS Available and Off-Peak kWh Sales in Billing Month	Attachment B: P3, L11	_____ /kWh
10	Capacity Rate for AMI Pilot Program Sales	Prior Month Attachment B: P1, L8	_____ /kWh
SECTION 3			
(OVER) / UNDER SURCHARGE RATE			
11	(Over) / Under Surcharge Rate for All kWh Sales in Billing Month Excluding AMI Pilot Program Sales	Attachment B: P2, L18	_____ /kWh
12	(Over) / Under Surcharge Rate for AMI Pilot Program Sales	WP	_____ /kWh
SECTION 4			
FUEL ADJUSTMENT CLAUSE RATES			
Fuel Adjustment Clause Rate in Billing Month for:			
13	Non-Transmission Service Voltage Level kWh Sales Excl. AMI Pilot Program Sales	L3 + L8 + L11	_____ /kWh
14	Transmission Service Voltage Level Sales Excluding Rate Schedule EIS Available and Off-Peak kWh Sales	L5 + L8 + L11	_____ /kWh
15	Rate Schedule EIS Available and Off-Peak kWh Sales	L6 + L9 + L11	_____ /kWh
16	AMI Pilot Program Sales	L7 + L10 + L12	_____ /kWh

Page 26.9
Schedule FAC
Attachment B
Page 2 of 4
Effective: June 1, 2011
Filed: December 15, 2010

ENTERGY NEW ORLEANS, INC.
SURCHARGE FOR (OVER) / UNDER BILLING RECOVERY

Data Based on Operations Month of _____
Applied to Bill in the Month of _____

LINE NO	DESCRIPTION	REFERENCE	
SECTION 1			
FUEL ADJUSTMENT REVENUE			
1	Non-Transmission Service Voltage Level Sales for Operations Month Excl. AMI Pilot Program Sales		_____ kWh
2	Transmission Service Voltage Level Sales for Operations Month Excluding Rate Schedule and EIS Available and Off-Peak kWh Sales		_____ kWh
3	Rate Schedule EIS Available and Off-Peak kWh Sales for Operations Month		_____ kWh
4	AMI Pilot Program Sales		_____ kWh
5	Fuel Adjustment Clause Rate for Non-Transmission Service Voltage Level Sales in Operations Month Excl. Pilot Program Sales	Attachment B Page 1 of Operations Month Filing	_____ /kWh
6	Fuel Adjustment Clause Rate for Transmission Service Voltage Level Sales in Operations Month Excluding Rate Schedule EIS Available and Off-Peak kWh Sales	Attachment B Page 1 of Operations Month Filing	_____ /kWh
7	Fuel Adjustment Clause Rate for Rate Schedule EIS Available and Off-Peak kWh Sales in Operations Month	Attachment B Page 1 of Operations Month Filing	_____ /kWh
8	Fuel Adjustment Clause Rate for AMI Pilot Program Sales	Attachment B Page 1 of Operations Month Filing	_____ /kWh
9	Fuel Adjustment Revenue for Operations Month	$(L1 * L5) + (L2 * L6) + (L3 * L7) + (L4 * L8)$	_____
SECTION 2			
CUMULATIVE (OVER) / UNDER COLLECTION			
10	Cumulative (Over) / Under Collection from Previous Month	Attachment B: P2 L16 of Previous Month Filing	
11	Actual Fuel and Purchased Power Energy Costs for Operations Month - Per Books		_____
12	Capacity Cost for Operations Month	Attachment B: P3, L8	_____
13	Fuel Adjustment Revenue for Operations Month	L9	_____
14	Prior period adjustments and associated interest		_____
15	Interest on Average of Beginning-of-Month and End-of-Month Cumulative (Over) / Under Balances for Operations Month	$((L10 + (L10 + L11 + L12 - L13 + L14)) / 2) * ((\text{Prime Rate}) / 12)$ (See Note)	_____
16	Cumulative (Over) / Under for Operations Month	$L10 + L11 + L12 - L13 + L14 + L15$	_____
SECTION 3			
(OVER) / UNDER SURCHARGE RATE			
17	Sales for 12 Months Ending With Operations Month		_____ kWh
18	(Over) / Under Surcharge Rate for All kWh Sales in Billing Month Excl. AMI Pilot Participants	L16/L17	_____ /kWh

Note: Prime Rate on the last business day of _____ as stated in the Wall Street Journal was ____%

Page 26.10
Schedule FAC
Attachment B
Page 3 of 4
Effective: June 1, 2011
Filed: December 15, 2010

ENTERGY NEW ORLEANS, INC.

CAPACITY COST

Data Based on Operations Month of _____
Applied to Bill in the Month of _____

LINE NO	DESCRIPTION	REFERENCE	
SECTION 1			
CAPACITY COST			
1	Actual Capacity Cost of New Resource Plan		
2	Plus Reserve Equalization in Account 555		
3	Less Reserve Equalization in Account 447		
4	Plus Non-Energy Costs in FERC Accounts 501 and 547 costs (SFI Period Costs on SFI Invoice)		
5	Plus Call Options Premium in Account 555		
6	Plus Actual Grand Gulf Non-Fuel Costs for Operations Month		
7	Less Grand Gulf Non-Fuel Costs in Base Rates		
8	Capacity Cost for Operations Month	L1+L2-L3+L4+L5+L6-L7	
9	kWh Sales for Operations Month		kWh
10	Capacity Rate for All kWh Sales in Billing Month Excluding Rate Schedule EIS Available and Off-Peak kWh Sales	L8 / L9	/kWh
11	Capacity Rate for Rate Schedule EIS Available and Off-Peak kWh Sales in Billing Month	L10 * 1.3	/kWh

Page 26.11
Schedule FAC
Attachment B
Page 4 of 4
Effective: June 1, 2011
Filed: December 15, 2010

ENTERGY NEW ORLEANS, INC.

LOSS FACTORS

Data Based on Operations Month of _____
Applied to Bill in the Month of _____

LINE NO	DESCRIPTION	REFERENCE
SECTION 1		
SALES AND INPUT		
1	Non-Transmission Service Voltage Level Sales for 12 Months Ending with Operations Month	_____ kWh
2	Net Area Input for 12 Months Ending with Operations Month	_____ kWh
3	Transmission Service Voltage Level Sales for 12 Months Ending with Operations Month Adjusted to Input Level	_____ kWh
4	Net Area Input for Non-Transmission Service Voltage Level for 12 Months Ending with Operations Month	L2 - L3 _____ kWh
SECTION 2		
LOSS FACTORS		
5	Non-Transmission Service Level Voltage Loss Factor	L4 / L1 _____
6	Transmission Service Level Voltage Loss Factor	_____

Council Bill No. 2010-230
General Ordinance No. 5905

ELECTRIC RATES
Sheet No. 10
(Page 1 of 3)

**CITY UTILITIES OF SPRINGFIELD, MISSOURI
FUEL ADJUSTMENT CLAUSE**

Applicability

This Fuel Adjustment Clause shall be applicable to the following Electric Rates: Residential Electric Service Rate, General Lighting Service Rate, General Power Service Rate, Large General Power Service Rate, Large Power Service Rate, and Interruptible Power Service Rate. Customers served under the applicable Electric Rates shall have their monthly billing amount adjusted (increased or decreased) to compensate for changes in the cost of fuel and purchased energy to City Utilities. The Fuel Adjustment shall be the product of the Fuel Adjustment Factor and the customer's monthly billing consumption.

Fuel Adjustment Factor

The Electric Rates to which this Fuel Adjustment Clause is applicable are designed upon a base cost to City Utilities of \$0.0186 per kilowatt-hour sold attributable to fuel as defined in this clause. Semiannually, a Fuel Adjustment Factor shall be implemented which reflects the changes, either increases or decreases, in the cost of fuel. City Utilities shall project the cost of fuel required during the six-month period the Fuel Adjustment Factor is to be in effect, either April through September or October through March, and compute a Fuel Adjustment Factor in accordance with the following formula:

	Projected Fuel Cost Dollars (for the six months the Fuel Adjustment Factor is to be in effect)
LESS:	Fuel Cost Dollars Collected through the Base Rates (projected for the six months the Fuel Adjustment Factor is to be in effect)
PLUS:	Under-Recovery (Over-Recovery) of Prior Fuel Cost Dollars (actual amounts through the previous month)
PLUS/MINUS:	Audited Adjustments
PLUS:	3% for Payment to the City in Lieu of Taxes
SUBTOTAL:	Fuel Adjustment
DIVIDED BY:	Projected Kilowatt-Hour Sales (for the six months the Fuel Adjustment Factor is to be in effect)
EQUALS:	Fuel Adjustment Factor

The Fuel Adjustment Factor shall be rounded to the nearest hundredth of a cent and expressed as dollars per kilowatt-hour. The Fuel Adjustment Factor may either increase or decrease from one calculation to the next.

APPROVED BY CITY COUNCIL October 18, 2010
EFFECTIVE Cycle 1, October 2011

APPROVED BY BOARD OF PUBLIC UTILITIES
OF SPRINGFIELD, MO August 26, 2010

Supersedes rate schedule effective Cycle 1, October 2006.

Council Bill No. 2010-230
General Ordinance No. 5905

**CITY UTILITIES OF SPRINGFIELD, MISSOURI
FUEL ADJUSTMENT CLAUSE**

Definitions

As used herein:

1. Fuel shall include coal, natural gas, bio-mass, fuel oil, purchased energy, and emissions consumables as further defined within this clause.
2. The term “coal” shall mean the dollar cost of coal burned in the generation of electricity. It shall include the cost of freight but shall not include the cost of labor and equipment to unload the coal.
3. The term “natural gas” shall mean the dollar cost of natural gas burned in the generation of electricity.
4. The term “bio-mass” shall mean the dollar cost of bio-mass burned in the generation of electricity. It shall include the cost of freight but shall not include the cost of labor and equipment to unload the bio-mass.
5. The term “fuel oil” shall mean the dollar cost of fuel oil burned in the generation of electricity.
6. The term “emissions consumables” shall mean the dollar cost of consumable materials, such as lime, urea, mercury absorbent, and other materials which are used to reduce emissions in conjunction with the burning of fuel in the generation of electricity. It shall not include the cost of labor and equipment to unload the consumable materials.
7. The term “allowances required to comply with emissions requirements” shall mean the dollar cost of allowances used to comply with emissions requirements in the generation, purchase, or sale of electricity. It shall not include allowances purchased or sold for purposes other than compliance with emissions requirements.
8. The term “purchased energy” shall mean the dollar cost of electricity purchased by City Utilities for resale. It shall also include a credit for the dollar amount of energy banked with the Southwest Power Administration and shall not include any connect or capacity charges.
9. The phrase “fuel cost dollars collected through the base rates” shall mean the product of the base fuel cost to City Utilities upon which the Electric Rates were designed (\$0.0186 per kilowatt-hour) and the appropriate volume of kilowatt-hour sales.

APPROVED BY CITY COUNCIL October 18, 2010
EFFECTIVE Cycle 1, October 2011

APPROVED BY BOARD OF PUBLIC UTILITIES
OF SPRINGFIELD, MO August 26, 2010

Supersedes rate schedule effective Cycle 1, October 2006.

Council Bill No. 2010-230
 General Ordinance No. 5905

10. The phrase “under-recovery (over-recovery) of fuel costs” shall mean the difference between actual expenditures for fuel costs and the amount of fuel costs collected, both through the base rates and through the Fuel Adjustment. An under-recovery shall mean that fewer dollars have been collected than have been spent. An over-recovery shall mean that fewer dollars have been spent than have been collected. In the Fuel Adjustment Factor formula, over-recoveries are subtracted from the projected fuel cost dollars. Expenses or proceeds sustained through the purchase or sale of allowances required to comply with emissions requirements are additive (or subtractive) to the fuel cost used to determine under-recovery (over-recovery) of fuel costs. Expenses or proceeds sustained through financial instruments obtained for the purpose of reducing volatility and/or costs of fuels included within the clause are additive (or subtractive) to the fuel cost used to determine under-recovery (over-recovery) of fuel costs.
11. The term “kilowatt-hour sales” shall mean all kilowatt-hours sold for revenue both to system customers and to other utilities. It shall not include nonrevenue sales to the City of Springfield or electricity used by other departments, nor shall it include electricity banked with or sold to the Southwest Power Administration. Sales will be reduced by energy generated by the Noble Hill Landfill Renewable Energy Center.

Emergency Recalculation of the Fuel Adjustment Factor

In the event that the amount of under-recovery (over-recovery) of prior fuel cost exceeds \$15,000,000, the Fuel Adjustment Factor may be recalculated. The recalculation shall use projected data for the next six months. The new Fuel Adjustment Factor shall become effective for the month following approval by the Board of Public Utilities and shall remain in effect until the next scheduled semiannual change to the Fuel Adjustment Factor.

Conditions

1. Changes to the Fuel Adjustment Factor shall become effective with the first regular billing cycle for the month.
2. A detailed calculation of the new Fuel Adjustment Factor shall be submitted to the members of the Board of Public Utilities and to the members of the City Council of Springfield, Missouri, for information purposes.
3. The Fuel Adjustment Factor shall be approved by the Board of Public Utilities.
4. Annually the calculations of the Fuel Adjustment Factor shall be audited by an independent auditing firm and any exceptions noted shall be included in the next calculation of the Fuel Adjustment Factor.
5. The power to repeal the Fuel Adjustment Clause is retained by the City Council of the City of Springfield, Missouri. Repeal of this Clause shall be by ordinance. No ordinance repealing the Fuel Adjustment shall be adopted later than the day which is six months prior to the end of any fiscal year, nor shall it have an effective date other than the end of the fiscal year in which the ordinance was adopted.

APPROVED BY CITY COUNCIL October 18, 2010
 EFFECTIVE Cycle 1, October 2011

APPROVED BY BOARD OF PUBLIC UTILITIES
 OF SPRINGFIELD, MO August 26, 2010

Supersedes rate schedule effective Cycle 1, October 2006.

Portland General Electric Company
P.U.C. Oregon No. E-18

Sixth Revision of Sheet No. 126-1
Canceling Fifth Revision of Sheet No. 126-1

SCHEDULE 126 ANNUAL POWER COST VARIANCE MECHANISM

PURPOSE

To recognize in rates part of the difference for a given year between Actual Net Variable Power Costs and the Net Variable Power Costs forecast pursuant to Schedule 125, Annual Power Cost Update and in accordance with Commission Order No. 07-015. This schedule is an “automatic adjustment clause” as defined in ORS 757.210.

APPLICABLE

To all Customers for Electricity Service except those who were served on Schedule 76R and 576R, 485, 489, 515, 532, 538, 549, 583, 585, 589, 591, 592 and 595, or served under Schedules 83, 85 or 89 Daily Price Option for the entire calendar year that the Annual Power Cost Variance accrued. (C)
Customers served on Schedules 538, 583, 585, 589, 591, 592 and 595 who received the Schedule 128 Balance of Year Transition Adjustment will be subject to this adjustment. (N)

ANNUAL POWER COST VARIANCE

Subject to the Earnings Test, the Annual Power Cost Variance (PCV) is 90% of the amount that the Annual Variance exceeds either the Positive Annual Power Cost Deadband for a Positive Annual Variance or the Negative Annual Power Cost Deadband for a Negative Annual Variance.

POWER COST VARIANCE ACCOUNT

The Company will maintain a PCV Account to record Annual Variance amounts. The Account will contain the difference between the Adjustment Amount and amounts credited to or collected from Customers. This account will accrue interest at the Commission-authorized rate for deferred accounts. At the end of each year the Adjustment Amount for the calendar year will be adjusted by 50% of the annual interest calculated at the Commission-authorized rate. This amount will be added to the Adjustment Account.

Any balance in the PCV Account will be amortized to rates over a period determined by the Commission. Annually, the Company will propose to the Commission PCV Adjustment Rates that will amortize the PCV to rates over a period recommended by the Company. The amount accruing to Customers, whether positive or negative, will be multiplied by a revenue sensitive factor of 1.0338 to account for franchise fees, uncollectibles, and OPUC fees.

EARNINGS TEST

The recovery from or refund to Customers of any Adjustment Amount will be subject to an earnings review for the year that the power costs were incurred. The Company will recover the Adjustment Amount to the extent that such recovery will not cause the Company's Actual Return on Equity (ROE) for the year to exceed its Authorized ROE minus 100 basis points. The Company will refund the Adjustment Amount to the extent that such refunding will not cause the Company's Actual Return on Equity (ROE) for the year to fall below its Authorized ROE plus 100 basis points.

Portland General Electric Company
P.U.C. Oregon No. E-18

Third Revision of Sheet No. 126-2
Canceling Second Revision of Sheet No. 126-2

Schedule 126 (Continued)

DEFINITIONS

Actual Loads

Actual loads are total annual calendar retail loads adjusted to exclude loads of Customers to whom this adjustment schedule does not apply.

Actual NVPC

Incurred cost of power based on the definition for NVPC described here in. Actual NVPC will be increased by the value of the energy associated with those Customers that received the Schedule 128 Balance of Year Transition Adjustment for the period during the year that the Customers received the Schedule 128 adjustment.

Actual Unit NVPC

The Actual Unit NVPC is the Actual NVPC divided by Actual Loads.

Annual Variance (AV)

The Annual Variance (AV) is the dollar amount calculated annually based on the following formula:

$$(\text{Actual Unit NVPC} - \text{Adjusted Base Unit NVPC}) * \text{Actual Loads}$$

Base Unit NVPC

The Base Unit NVPC is the NVPC used to develop rate schedules for the applicable year divided by the associated calendar basis retail loads. Base NVPC are updated annually in accordance with Schedule 125.

Adjusted Base Unit NVPC

The Adjusted Base Unit NVPC is the NVPC used to calculate the Annual Variance. The Adjusted Base Unit NVPC is the Base Unit NVPC (determined in accordance with Schedule 125) adjusted for load and cost changes resulting from non-residential customers choosing service under Schedule 515 through 595 after the November update for the applicable year.

(C)

Negative Annual Power Cost Deadband

The Negative Annual Power Cost Deadband is (\$15.0 million).

Positive Annual Power Cost Deadband

The Positive Annual Power Cost Deadband is \$30.0 million.

Portland General Electric Company
P.U.C. Oregon No. E-18

Third Revision of Sheet No. 126-3
Canceling Second Revision of Sheet No. 126-3

Schedule 126 (Continued)

DEFINITIONS (Continued)

Net Variable Power Costs (NVPC)

The Net Variable Power Costs (NVPC) represents the power costs for Energy generated and purchased. NVPC are the net cost of fuel, fuel transportation, power contracts, transmission / wheeling, wholesale sales, hedges, options and other financial instruments incurred to serve retail load. For purposes of calculating the NVPC, the following adjustments will be made:

- Exclude BPA payments in lieu of Subscription Power.
- Exclude the monthly FASB 133 mark-to-market activity.
- Exclude any cost or revenue unrelated to the period.
- Include as a cost all losses that the Company incurs, or is reasonably expected to incur, as a result of any non-retail Customer failing to pay the Company for the sale of power during the deferral period.
- Include fuel costs and revenues associated with steam sales from the Coyote Springs I Plant.
- Include gas resale revenues.
- Include Energy Charge revenues from Schedules 76R, 38, 83, 85, 89, and 91 (C)
Energy pricing options other than Cost of Service and the Energy Charge revenues from the Market Based Pricing Option from Schedules 485 and 489 as an offset to NVPC. (C)
- NVPC shall be adjusted as needed to comply with Order 07-015 that states that ancillary services, the revenues from sales as well as the costs from the services, should also be taken into account in the mechanism.
- Actual NVPC will be increased to include the value of the energy associated with those Customers that received the Schedule 128 Balance of Year Transition Adjustment for the period during the year that the Customers received the Schedule 128 adjustment.

ADJUSTMENT AMOUNT

The amount accruing to the Power Cost Variance Account, whether positive or negative will be multiplied by a revenue sensitive factor of 1.0338 to account for franchise fees, uncollectables, and OPUC fees. (I)

The Power Cost Adjustment Rate shall be set at level such that the projected amortization for 12 month period beginning with the implementation of the rate is no greater than six percent (6%) of annual Company retail revenues for the preceding calendar year.

TIME AND MANNER OF FILING

As a minimum, on July 1st of the following year (or the next business day if the 1st is a weekend or holiday), the Company will file with the Commission recommended adjustment rates for the next calendar year.

Portland General Electric Company
P.U.C. Oregon No. E-18

Seventh Revision of Sheet No. 126-4
Canceling Sixth Revision of Sheet No. 126-4

Schedule 126 (Continued)

TIME AND MANNER OF FILING (Continued)

Included in this filing will be the following information:

- 1) A transmittal letter that summarizes the proposed changes.
- 2) Revised Power Cost Variance Rates.
- 3) Work papers supporting the calculation of the revised PCV rates.

If the Company finds that the PCV Rates may over or under collect revenues in a particular year, the Company may recommend a modification of the Adjustment Rates to the Commission. The Company may also recommend that the Commission consider Adjustment Rates based on a collection or refund period different than one year based on the balance in the PCV Account.

POWER COST VARIANCE RATES

The PCV Rates will be determined on an equal cents per kWh basis. The PCV Rates are:

<u>Schedule</u>	<u>Adjustment Rate</u>	
7	(0.036) ¢ per kWh	(R)
15	(0.036) ¢ per kWh	
32	(0.036) ¢ per kWh	
38	(0.036) ¢ per kWh	
47	(0.036) ¢ per kWh	
49	(0.036) ¢ per kWh	
75		
Secondary	(0.036) ¢ per kWh ⁽¹⁾	
Primary	(0.036) ¢ per kWh ⁽¹⁾	
Subtransmission	(0.036) ¢ per kWh ⁽¹⁾	
83	(0.036) ¢ per kWh	
85		
Secondary	(0.036) ¢ per kWh	
Primary	(0.036) ¢ per kWh	
89		(R)
Secondary	(0.036) ¢ per kWh	
Primary	(0.036) ¢ per kWh	
Subtransmission	(0.036) ¢ per kWh	

(1) Applicable only to the Baseline and Scheduled Maintenance Energy.

(2) Not applicable to Customers where service was received for the entire calendar year that the Annual Power Cost Variance accrued.

Portland General Electric Company
P.U.C. Oregon No. E-18

Seventh Revision of Sheet No. 126-5
Canceling Sixth Revision of Sheet No. 126-5

Schedule 126 (Continued)

POWER COST VARIANCE RATES (Continued)

<u>Schedule</u>	<u>Adjustment Rate</u>	
91	(0.036) ¢ per kWh	
92	(0.036) ¢ per kWh	
93	(0.036) ¢ per kWh	(D)
95	(0.036) ¢ per kWh	(N)
485		
Secondary	(0.036) ¢ per kWh ⁽²⁾	
Primary	(0.036) ¢ per kWh ⁽²⁾	
489		
Secondary	(0.036) ¢ per kWh ⁽²⁾	
Primary	(0.036) ¢ per kWh ⁽²⁾	
Subtransmission	(0.036) ¢ per kWh ⁽²⁾	
515	(0.036) ¢ per kWh ⁽²⁾	
532	(0.036) ¢ per kWh ⁽²⁾	
538	(0.036) ¢ per kWh ⁽²⁾	
549	(0.036) ¢ per kWh ⁽²⁾	
575		
Secondary	(0.036) ¢ per kWh ⁽¹⁾	
Primary	(0.036) ¢ per kWh ⁽¹⁾	
Subtransmission	(0.036) ¢ per kWh ⁽¹⁾	
583	(0.036) ¢ per kWh ⁽²⁾	
585	(0.036) ¢ per kWh ⁽²⁾	
Secondary	(0.036) ¢ per kWh ⁽²⁾	
Primary	(0.036) ¢ per kWh ⁽²⁾	
589		
Secondary	(0.036) ¢ per kWh ⁽²⁾	
Primary	(0.036) ¢ per kWh ⁽²⁾	
Subtransmission	(0.036) ¢ per kWh ⁽²⁾	
591	(0.036) ¢ per kWh ⁽²⁾	
592	(0.036) ¢ per kWh ⁽²⁾	
595	(0.036) ¢ per kWh ⁽²⁾	(D) (N)

(1) Applicable only to the Baseline and Scheduled Maintenance Energy.

(2) Not applicable to Customers where service was received for the entire calendar year that the Annual Power Cost Variance accrued.

Portland General Electric Company
P.U.C. Oregon No. E-18

Original Sheet No. 126-6

SCHEDULE 126 (Concluded)

TERM

Effective for service on and after January 17, 2007 and continuing until terminated by the Commission.

This schedule may only be terminated upon approval or order of the Commission. If this schedule is terminated for any reason, the Company will determine the remaining Adjustment Amount on a prorated basis consistent with the principles of this schedule. In such case, any balance in the PCV Account will be amortized to rates over a period to be determined by the Commission.

Advice No. 07-01
Issued January 16, 2007
Pamela Grace Lesh, Vice President

Effective for service
on and after January 17, 2007

Portland General Electric Company
P.U.C. Oregon No. E-18

Fourth Revision of Sheet No. 125-1
Canceling Third Revision of Sheet No. 125-1

SCHEDULE 125 ANNUAL POWER COST UPDATE

PURPOSE

The purpose of this adjustment schedule is to define procedures for annual rate revisions due to changes in the Company's projected Net Variable Power Costs (the Annual Power Cost Update). This schedule is an "automatic adjustment clause" as defined in ORS 757.210(1), and is subject to review by the Commission at least once every two years.

APPLICABLE

To all Cost-of-Service bills for Electricity Service served under the following rate schedules 7, 15, 32, 38, 47, 49, 75, 83, 85, 89, 91, 92, 93 and 95. Customers served under the daily price option contained in schedules 32, 38, 75, 81, 83, 85, 89, 91 and 95 are exempt from Schedule 125.

(C)
(N)

NET VARIABLE POWER COSTS

Net Variable Power Costs (NVPC) are the power costs for energy generated and purchased. NVPC are the net cost of fuel, fuel transportation, power contracts, transmission/wheeling, wholesale sales, hedges, options and other financial instruments incurred to serve retail load.

RATES

This adjustment rate is subject to increases or decreases, which may be made without prior hearing, to reflect increases or decreases, or both, in NVPC.

ANNUAL UPDATES

The following updates will be made in each of the Annual Power Cost Update filings:

- Forced Outage Rates based on a four-year rolling average.
- Projected planned plant outages.
- Forward market prices for both gas and electricity.
- Projected loads.
- Contracts for the purchase or sale of power and fuel.
- Thermal plant variable operation and maintenance.
- Changes in hedges, options, and other financial instruments used to serve retail load.
- Transportation contracts and other fixed transportation costs.
- No other changes or updates will be made in the annual filings under this schedule.

CHANGES IN NET VARIABLE POWER COSTS

Changes in NVPC for purposes of rate determination under this schedule are the projected NVPC as determined in the Annual Power Cost Update less the NVPC revenues that would occur at the NVPC prices determined in the Company's most recent general rate case, adjusted for a revenue sensitive cost factor of 1.0338.

Portland General Electric Company
P.U.C. Oregon No. E-18

Seventh Revision of Sheet No. 125-2
Canceling Sixth Revision of Sheet No. 125-2

SCHEDULE 125 (Continued)

FILING AND EFFECTIVE DATE

On or before April 1st of each calendar year, the Company will file estimates of the adjustments to its NVPC to be effective on January 1st of the following calendar year.

On or before October 1st of each calendar year, the Company will file updated estimates with final planned maintenance outages, final load forecast, updated projections of gas and electric prices, power, and fuel contracts.

On November 15th, the Company will file the final estimate of NVPC and will calculate and file the final change in NVPC to be effective on the next January 1st with: 1) projected market electric and fuel prices based on the average of the Company's internally generated projections made during the period November 1st through November 7th, 2) load reductions from the October update resulting from additional participation in the Company's Long-Term Cost of Service Opt-out that occurs in September, 3) new market power and fuel contracts entered into since the previous updates, and 4) the final planned maintenance outages and load forecast from the October 1st filing.

RATE ADJUSTMENT

The rate adjustment will be based on the Adjusted NVPC less the NVPC revenues that would occur at the NVPC prices determined in the Company's most recent general rate case applied to forecast loads used to determine changes in Net Variable Power Costs. NVPC prices are defined as the price component that recovers the level of NVPC from the Company's most recent general rate case contained in each Schedule's Cost of Service energy prices.

ADJUSTMENT RATES

Schedule		Part A ¢ per kWh	
7		(0.347)	(R)
15		(0.278)	
32		(0.324)	
38	Large Nonresidential	(0.308)	
47		(0.352)	
49		(0.351)	
75			
	Secondary	(0.293) ⁽¹⁾	(R)
	Primary	(0.282) ⁽¹⁾	
	Subtransmission	(0.277) ⁽¹⁾	
83		(0.317)	

(1) Applicable only to the Baseline and Scheduled Maintenance Energy.

Portland General Electric Company
P.U.C. Oregon No. E-18

Ninth Revision of Sheet No. 125-3
Canceling Eighth Revision of Sheet No. 125-3

SCHEDULE 125 (Concluded)

ADJUSTMENT RATES (Continued)

Schedule		Part A ¢ per kWh	
85	Secondary	(0.302)	
	Primary	(0.291)	
89	Secondary	(0.293)	
	Primary	(0.282)	
	Subtransmission	(0.277)	
91		(0.278)	
92		(0.282)	
93		(0.273)	(D)
95		(0.278)	(N)

SPECIAL CONDITIONS

1. Costs recovered through this schedule will be allocated to each schedule using the applicable schedule's forecasted energy on the basis of an equal percent of generation revenue applied on a cents per kWh basis to each applicable rate schedule.

NORTHERN INDIANA PUBLIC SERVICE COMPANY
IURC Electric Service Tariff
Original Volume No. 12
Cancelling All Previously Approved Tariffs

Original Sheet No. 109

RIDER 670
ADJUSTMENT OF CHARGES FOR COST OF FUEL RIDER

No. 1 of 1 Sheet

TO WHOM AVAILABLE

This Rider shall be applicable to the Rate Schedules as defined in Appendix A.

RATE

- A. Energy use under all Rate Schedules included in this Tariff are subject to charges for fuel cost and such charges shall be increased or decreased to the nearest 0.001 mill (\$.000001) per KWH in accordance with the following:

$$\text{Adjustment Factor} = (F/S) - 0.028729$$

where:

1. "F" is the estimated expense of fuel based on a three-month average cost beginning with the month immediately following the twenty-day period allowed by the Commission in IC 8-1-2-42 (b) and consisting of the following costs:
 - (a) the average cost of fossil fuel consumed in the Company's own plants, such cost being only those items listed in Account 151 of the Federal Energy Regulatory Commission's Uniform System of Accounts for Class A and B Public Utilities and Licensees; and
 - (b) Purchased Power Costs; and
 - (c) Fuel-related Midwest ISO charge types; and
 - (d) 25 percent (25%) of costs associated with credits paid for interruptible load; and
 - (e) Other costs approved by the Commission for recovery.
 2. "S" is the 3-month KWH sales forecast for each Rate Schedule.
- B. The fuel cost charge as computed above shall be further modified to allow the recovery of gross receipts taxes and other similar revenue based tax charges occasioned by the fuel cost charge revenues.
- C. The fuel cost charge shall be further modified to reflect the difference in the estimated incremental fuel cost billed and the incremental fuel cost actually experienced during the first and succeeding billing cycle month(s) or calendar months(s) in which such estimated incremental fuel cost was billed for those months not previously reconciled.
- D. See Appendix B for fuel cost charge.

Issued Date
12/21/2011

Effective Date
12/27/2011



Duke Energy Kentucky
4580 Olympic Blvd.
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
Fifth Revised Sheet No. 80
Cancels and Supersedes
Fourth Revised Sheet No. 80
Page 1 of 2

RIDER FAC
FUEL ADJUSTMENT CLAUSE

APPLICABLE

In all territory service.

AVAILABILITY OF SERVICE

This schedule is a mandatory rider to all electric rate schedules.

- (1) The monthly amount computed under each of the rate schedules to which this fuel clause is applicable shall be increased or (decreased) at a rate per kilowatt-hour of monthly consumption in accordance with the following formula:

$$\text{Fuel Cost Adjustment} = \frac{F(m)}{S(m)} - \$0.027466 \text{ per kWh} \quad (I)$$

Where F is the expense of fuel in the second preceding month and S is the sales in the second preceding month, as defined below:

- (2) Fuel costs (F) shall be the cost of:
- (a) Fossil fuel consumed in the Company's plants plus the cost of fuel which would have been used in plants suffering forced generation or transmission outages, but less the cost of fuel related to substitute generation, plus
 - (b) The actual identifiable fossil and nuclear fuel costs associated with energy purchased for reasons other than identified in paragraph (c) of this subsection, but excluding the cost of fuel related to purchases to substitute for the forced outages; plus
 - (c) The net energy cost of energy purchases, exclusive of capacity or demand charges (irrespective of the designation assigned to such transaction) when such energy is purchased on an economic dispatch basis. Included therein are such costs as the charges for economy energy purchases and the charges as a result of scheduled outage, all such kinds of energy being purchased by the Company to substitute for its own higher cost energy, and less
 - (d) The cost of fossil fuel recovered through inter-system sales including the fuel costs related to economy energy sales and other energy sold on an economic dispatch basis.
 - (e) All fuel costs shall be based on a weighted-average inventory costing. The cost of fossil fuel shall include no items other than the invoice price of fuel less any cash or other discounts. The invoice price of fuel includes the cost of fuel itself and necessary charges for transportation of fuel from the point of acquisition to the unloading point, as listed in Account 151 of the FERC Uniform System of Accounts for Public Utilities and Licensees.

Issued by authority of an Order of the Kentucky Public Service
Commission dated May 17, 2013 in Case No. 2012-00554.

Issued: May 24, 2013
Effective: May 31, 2013
Issued by James P. Henning, President

Duke Energy Kentucky
4580 Olympic Blvd.
Erlanger, Kentucky 41018

KY. P.S.C. Electric No. 2
Fifth Revised Sheet No. 80
Cancels and Supersedes
Fourth Revised Sheet No. 80
Page 2 of 2

AVAILABILITY OF SERVICE (Contd.)

- (f) As used herein, the term "forced outages" means all non-scheduled losses of generation or transmission which require substitute power for a continuous period in excess of six (6) hours. Where forced outages are not as a result of faulty equipment, faulty manufacture, faulty design, faulty installations, faulty operation, or faulty maintenance, but are Acts of God, riot, insurrection, or acts of the public enemy, then the Company may, upon proper showing, with the approval of the Commission, include the fuel cost of substitute energy in the adjustment.

- (3) Sales (S) shall be determined in kilowatt-hours as follows:

Add:

- (a) net generation
- (b) purchases
- (c) interchange in

Subtract:

- (d) inter-system sales including economy energy and other energy sold on an economic dispatch basis.
- (e) total system losses

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