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PUBLIC SERVICE COMMISSION 139 East Fourth Street P O Box 960 Cincinnati, Ohio 45201-0960 Tel: 513-419-6954 Fax: 513-419-6948 Lisa.Steinkuhl@duke-energy.com

Lisa Steinkuhl Rates Coordinator

October 31, 2008

Ms. Stephanie Stumbo, Executive Director Kentucky Public Service Commission 211 Sower Boulevard P.O. Box 615 Frankfort, Kentucky 40602-0615

VIA OVERNIGHT DELIVERY

Dear Ms. Stumbo:

Pursuant to the Stipulation approved by the Commission in Case No. 2006-00172, Duke Energy Kentucky hereby submits its updated Off-System Sales and Emission Allowance Sales Profit Sharing Mechanism Rider ("Rider PSM"), to be effective with the first billing cycle in December 2008, along with backup schedules.

Please time-stamp the extra copy that I have enclosed and return for our file. Thank you for your timely assistance in this regard.

Please contact me if you have any questions.

Sincerely,

Lisa D. Steinkuhl

Lisa D. Heinbull

Enclosure

KY P S.C Electric No. 2 Eighth Revised Sheet No. 82 Cancels and Supersedes Seventh Revised Sheet No. 82 Page 1 of 2

# RIDER PSM OFF-SYSTEM POWER SALES AND EMISSION ALLOWANCE SALES PROFIT SHARING MECHANISM

### **APPLICABILITY**

Applicable to all retail sales in the Company's electric service area, excluding interdepartmental sales, beginning with the billing month December 2008

(T)

### PROFIT SHARING RIDER FACTORS

The Applicable energy charges for electric service shall be increased or decreased to the nearest \$0.000001 per kWh to reflect the sharing of profits on off-system power sales and the net margins on sales of emission allowances.

The Company will compute its profits on off-system power sales and margins on emission allowance sales in the following manner:

Rider PSM Factor = (P + E + R)/S

where.

- P = Eligible profits from off-system power sales for applicable month subject to sharing provisions established by the Commission in its Order in Case No. 2003-00252, dated December 5, 2003. The first 100% of profits up to \$1 million during the current year are credited 100% to customers. Cumulative profits for the current year in excess of \$1 million are shared between customers and shareholders on a 50%/50% basis. After December 31<sup>st</sup> of each year, the sharing mechanism will be reset
- E = All net margins on sales of emission allowances are credited to customers per the Commission's Order in Case No 2006-00172, dated December 21, 2006.
- R = Reconciliation of prior period Rider PSM actual revenue to amount calculated for the period.
- S = Current month sales in kWh used in the current month Rider FAC calculation.

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172.

Issued: Effective: December 1, 2008

Rate Group	<u>Rate</u>	
	(\$/ kWh)	
Rate RS, Residential Service	0.000928	(I)
Rate DS, Service at Secondary Distribution Voltage	0.000928	(I)
Rate DP, Service at Primary Distribution Voltage	0 000928	(I)
Rate DT, Time-of-Day Rate for Service at Distribution Voltage	0 000928	(I)
Rate EH, Optional Rate for Electric Space Heating	0.000928	(I)
Rate GS-FL, General Service Rate for Small Fixed Loads	0.000928	(I)
Rate SP, Seasonal Sports Service	0.000928	(I)
Rate SL, Street Lighting Service	0 000928	(I)
Rate TL, Traffic Lighting Service	0 000928	(I)
Rate UOLS, Unmetered Outdoor Lighting	0.000928	(1)
Rate OL, Outdoor Lighting Service	0.000928	(I)
Rate NSU, Street Lighting Service for Non-Standard Units	0.000928	(I)
Rate NSP, Private Outdoor Lighting Service for Non-Standard Units	0.000928	(I)
Rate SC, Street Lighting Service - Customer Owned	0.000928	(I)
Rate SE, Street Lighting Service – Overhead Equivalent	0.000928	(I)
Rate TT, Time-of-Day Rate for Service at Transmission Voltage	0.000928	(I)
Other	0 000928	(I)

### **SERVICE REGULATIONS**

The supplying of, and billing for, service and all conditions applying thereto are subject to the jurisdiction of the Kentucky Public Service Commission, and to the Company's Service Regulations currently in effect, as filed with the Kentucky Public Service Commission as provided by law

Issued by authority of an Order of the Kentucky Public Service Commission dated December 21, 2006 in Case No. 2006-00172.

Issued: Effective: December 1, 2008

# DUKE ENERGY KENTUCKY CALCULATION OF RIDER PSM CREDIT FOR DECEMBER 2008- FEBRUARY 2009 BILLING

Line No.	Description	Jan-08	Feb-08	Mar-08	Bi Apr-08	Billing Month May-08	90-unr	Jul-08	Aug-08	Sep-08		Total
~	Off-System Sales Margin Allocated to Customers from 2008 (Schedule 2, Line 21)										\$ (+)	3,898,731
7	Net Margins on Sales of Emission Allowances (Schedule 4, Line 9)										<del>(</del> +)	148,946
m	Prior Period Carryforward (Schedule 3, Line 25)										£	(599,372)
4	Total Amount of Credits Owed to Customers										ь	3,448,305
5	Actual Amount Credited to Customers	(314,158)	(290,835)	(215,945)	(194,681)	(179,916)	694,508	791,174	808,852	1,311,184	①	2,410,183
တ	Net Refund due to (from) Customers										W	1,038,122
<b>~</b>	Sales (kWn) from FAC Filing July, August, September 2008 (FAC Schedule 3, Line C)										+	1,118,597,407
φ	Profit Shanng Mechanism Credit Rate (S/kWh)											0.000928
	Effective Date for Billing:					December 1, 2008	5008				and the same of th	
	Submitted by:			A	Ma h	6	Lund	11			***************************************	
	Tille:					Lead Rates Analyst	ıalyst				ш.	
	Date Submitted:	***************************************				October 31, 2008	800				***************************************	

OFF-SYSTEM SALES SCHEDULE PERIOD: YEAR TO DATE - DECEMBER 31 2008 **DUKE ENERGY KENTUCKY** 

Line No.	Description	1	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	30-Inc	Aug-08	Sep-08	Total
	Off-System Sales Revenue											
	Asset Energy	(÷	(+) \$1,148,304	\$1,231,557	\$2,942,244	\$251,431	\$2,568,481	\$1,186,848	\$437,391	\$346,577	\$1,418,061	\$11,530,894
	Non-Asset Energy	ŧ.	O	0	0	0	0	O	o	0	o	0
	Bilateral Safes	<del>(</del> +)	2,183	1,554	3,725	2,058	4,027	4,498	3,350	8,816	o	30,211
	Hedges	£	(408)	(84)	(380,140)	0	195,248	(55)	0	0	0	(185,439)
	MISO RSG Make Whole Payments <sup>(a)</sup>	£	727,957	626,914	1,204,629	197,322	790,195	990,058	459,819	231,218	838,909	6,067,021
	Sub-Total Revenues	is	\$1,878,036	\$1,859,941	\$3,770,458	\$450,811	\$3,557,951	\$2,181,349	\$900,560	\$586,611	\$2,256,970	\$17,442,687
	Variable Costs Allocable to Off-System Sales											
	Bilateral Purchases	£	SO	80	0\$	SO	OS.	80	80	os	20	80
	Non-Native Fuel Cost (a)	£	1,082,590	888,455	1,995,318	239,808	1,703,131	1,302,380	612,314	370,271	1,561,602	9,755,869
	Vanable O&M Cost	£	59,132	53,559	113,924	906,9	124,249	53,608	26,353	18,657	77,404	536,792
	SO <sub>2</sub> Cost	£	72,011	36,083	109,790	16,103	42,557	19,591	4,916	6,257	20,187	327,495
	NO <sub>x</sub> Cost	ŧ	0	0	0	0	0	0	0	0	O	0
	MISO and Other Costs	£	2,955	4,067	5,095	491	5,205	2,622	1,069	674	2,891	25,069
	Sub-Total Expenses	is	\$1,216,688	\$982,164	\$2,224,127	\$266,308	\$1,875,142	\$1,378,201	\$644,652	\$395,859	\$1,662,084	\$10,645,225
	Off-System Sales Margin (Line 7 - Line 15)		\$661,348	\$877,777	\$1,546,331	\$184,503	\$1,682,809	\$803,148	\$255,908	\$190,752	\$594,886	\$6,797,462
	Allocated to Customers (up to 100% of first \$1.00 million) (9)	nillion)	(b)									1,000,000
	Sub-Total (Line 16 - Line 17)											\$5,797,462
	Percentage Allocated to Customers (50% of margins > \$1.00 million) $^{(0)}$	35 > \$1.	.00 million) <sup>(a)</sup>									\$0.00%
	Remainder of Off-System Sales Margin Allocated to Customers (Line 18 x Line	o Custo	mers (Line	18 x Line 19)								2,898,731
	Off-System Sales Margin Allocated to Customers (Line 17 + Line 20)	Line 17	+ Line 20)									\$3,898,731
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Note: (a) Line 10 - Line 6 ties to the Duke Energy Kentucky's FAC Filing Schedule 4, Line C. (b) Per the Commission's Order dated December 5, 2003, in Case No. 2003-00252.

# DUKE ENERGY KENTUCKY OFF-SYSTEM SALES SCHEDULE PERIOD: TWELVE MONTHS ENDED DECEMBER 31, 2007

Line	PERIOD. TWEEVE MONTHS ENDED DECEMBER 3	1, 2007	
No.	Description		Total
1	Off-System Sales Revenue		
2	Asset Energy	(+)	\$13,066,247
3	Non-Asset Energy	(+)	0
4	Bilateral Sales	(+)	27,930
5	Hedges	(+)	15,067
6	MISO RSG Make Whole Payments	(+) _	5,103,681
7	Sub-Total Revenues	m+#	\$18,212,925
8	Variable Costs Allocable to Off-System Sales		
9	Bilateral Purchases	(+)	0
10	Fuel Cost	(+)	10,714,546
11	Variable O&M Cost	(+)	698,254
12	SO <sub>2</sub> Cost	(+)	888,849
13	NO <sub>x</sub> Cost	(+)	9,965
14	MISO Costs	(+)	32,417
15	Sub-Total Expenses		\$12,344,031
16	Total Off-System Sales Margin (Line 6 - Line 13)	(+)	\$5,868,894
17	Allocated to Customers (guaranteed 100% of first \$1.0 million) (a)	(-) _	1,000,000
18	Sub-Total	(+)	\$4,868,894
19	Percentage Allocated to Customers (50% of margins > \$1 0 million) (a)		50 00%
20	Remainder Allocated to Customers (Line 20 x Line 21)		\$2,434,447
21	Total Allocated to Customers (Line 17 + Line 22) (b)	(+)	\$3,434,447
22	Net Margins on Sales of Emission Allowances	(+)	1,202,927
23	Prior Period Carryforward <sup>(b)</sup>	(+)	1,013,995
24	Amount Credited to Customers in 2007	(-)	6,250,741
25	Remaining PSM Credit Due to Customers at 12/31/07	=	(\$599,372)

Note: <sup>(a)</sup> Per provisions included in the Commission's Order dated December 5, 2003, in Case No. 2003-00252.

<sup>(</sup>b) Incremental change from prior filing is due to MISO resettlements

DUKE ENERGY KENTUCKY EMISSION ALLOWANCE SALES MARGIN PERIOD: YEAR TO DATE - SEPTEMBER 30, 2008

Line											
일	Description	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Jul-08	Aug-08	Sep-08	Total
₩-	SO2 Sales Margin										
7	Proceeds	\$ (+)	s os	0\$ 0\$	80	\$153,817	\$36,496	(\$41,367)	0\$	0%	\$148,946
ო	Cost of Sale	<u> </u>	0	0	0	0	0	0	0	0	0
4	Margin		0	0	0	153,817	36,496	(41,367)	0	0	148,946
ĸ	NOx Sales Margin										
9	Proceeds	\$ (+)	0\$ 0\$	0 80	SO	\$0	80	0\$	0\$	80	80
7	Cost of Sale	(-)	0	0	0	0	0	0	0	0	0
œ	Margin		0	0 0	0	0	o	0	0	0	0
σ	Total EA Sales Margın (Line 4 + Line 8)		0	0 0	0	153,817	36,496	(41,367)	0	0	148,946