

Kentucky DSM Rider

Comparison of Revenue Requirement to Rider Recovery

Residential Programs	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Projected Program Costs 7/2012 to 6/2013 (A)	Projected Lost Revenues 7/2012 to 6/2013 (A)	Projected Shared Savings 7/2012 to 6/2013 (A)	Program Expenditures 7/2012 to 6/2013 (B)	Program Expenditures (C) Gas	Program Expenditures (C) Electric	Lost Revenues 7/2012 to 6/2013 (B)	Shared Savings 7/2012 to 6/2013 (B)	2012 Reconciliation	
									Gas (D)	Electric (E)
Appliance Recycling Program	\$ -	\$ -	\$ -	\$ 82,294	\$ -	\$ 82,294	\$ 7,961	\$ 28,801		
Energy Efficiency Education Program for Schools	\$ 179,732	\$ 4,336	\$ (9,542)	\$ 144,974	\$ 92,058	\$ 52,916	\$ 5,142	\$ (7,209)		
Low Income Neighborhood	\$ 306,878	\$ 13,156	\$ 4,438	\$ 69,486	\$ -	\$ 69,486	\$ 804	\$ (447)		
Low Income Services	\$ 668,293	\$ 6,549	\$ (31,217)	\$ 628,708	\$ 399,229	\$ 229,479	\$ 32,650	\$ (7,162)		
My Home Energy Report	\$ 502,601	\$ 198,348	\$ 23,735	\$ 656,919	\$ -	\$ 656,919	\$ 395,634	\$ 15,034		
Residential Energy Assessments	\$ 164,976	\$ 4,899	\$ 11,762	\$ 223,124	\$ 141,683	\$ 81,441	\$ 30,050	\$ 9,464		
Residential Smart \$aver®	\$ 2,669,165	\$ 615,167	\$ 818,467	\$ 1,798,336	\$ 1,141,943	\$ 656,393	\$ 782,163	\$ 838,130		
Power Manager	\$ 299,457	\$ -	\$ 136,982	\$ 370,122	\$ -	\$ 370,122	\$ -	\$ 124,136		
Personal Energy Report Program (I)	\$ -	\$ -	\$ -	\$ 964	\$ 612	\$ 352	\$ 326,705	\$ (81)		
Home Energy Assistance Pilot Program (J)	\$ 248,064	\$ -	\$ -	\$ 228,654	\$ 91,887	\$ 136,767	\$ -	\$ -		
Revenues collected except for HEA										
Total	\$ 5,039,167	\$ 842,456	\$ 954,624	\$ 4,203,580	\$ 1,867,412	\$ 2,336,168	\$ 1,581,108	\$ 1,000,665	\$ (3,900,580)	\$ (1,456,115)

(A) Amounts identified in report filed in Case No. 2012-00085.

(B) Actual program expenditures, lost revenues (for this period and from prior period DSM measure installations), and shared savings for the period July 1, 2012 through June 30, 2013.

(C) Allocation of program expenditures to gas and electric. Uses 63.5% gas based upon saturation of gas space heating.

(D) Recovery allowed in accordance with the Commission's Order in Case No. 2012-00085.

(E) Recovery allowed in accordance with the Commission's Order in Case No. 2012-00085.

(F) Revenues collected through the DSM Rider between July 1, 2012 and June 30, 2013.

(G) Column (5) + Column (9) - Column(11).

(H) Column (6) + Column (7) + Column (8) + Column (10) - Column(12).

(I) Costs for this program were received after the prior filing period.

(J) Revenues and expenses for the Home Energy Assistance Pilot Program.

Commercial Programs	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	Projected Program Costs 7/2012 to 6/2013 (A)	Projected Lost Revenues 7/2012 to 6/2013 (A)	Projected Shared Savings 7/2012 to 6/2013 (A)	Program Expenditures 7/2012 to 6/2013 (B)	Lost Revenues 7/2012 to 6/2013 (B)	Shared Savings 7/2012 to 6/2013 (B)	2012 Reconciliation (C)	Rider Collection (D)	(Over)/Under Collection (E)
Smart \$aver® Custom (F)	\$ 157,331	\$ 25,776	\$ 67,180	\$ 132,131	\$ 39,875	\$ 63,158			
Smart \$aver® Prescriptive - Energy Star Food Service Products	\$ 6,633	\$ 1,875	\$ 6,677	\$ 4,299	\$ 1,519	\$ 53			
Smart \$aver® Prescriptive - HVAC	\$ 94,790	\$ 20,145	\$ 99,010	\$ 127,982	\$ 22,237	\$ 26,498			
Smart \$aver® Prescriptive - Lighting	\$ 494,148	\$ 92,131	\$ 308,106	\$ 418,757	\$ 213,946	\$ 289,540			
Smart \$aver® Prescriptive - Motors/Pumps/VFD	\$ 42,614	\$ 18,740	\$ 62,141	\$ 40,277	\$ 20,671	\$ 27,879			
Smart \$aver® Prescriptive - Process Equipment	\$ 52	\$ 38	\$ 63	\$ 15,819	\$ 2,414	\$ 6,117			
Total	\$ 795,568	\$ 158,706	\$ 543,178	\$ 739,265	\$ 300,663	\$ 413,245	\$ (2,503,221)	\$ 619,647	\$ (1,669,697)
Power Share®	\$ 934,229	\$ -	\$ 288,004	\$ 831,987	\$ -	\$ 322,931	\$ 1,611,691	\$ 1,965,294	\$ 801,314

(A) Amounts identified in report filed in Case No. 2012-00085.

(B) Actual program expenditures, lost revenues (for this period and from prior period DSM measure installations), and shared savings for the period July 1, 2012 through June 30, 2013.

(C) Recovery allowed in accordance with the Commission's Order in Case No. 2012-00495.

(D) Revenues collected through the DSM Rider between July 1, 2012 and June 30, 2013.

(E) Column (4) + Column (5) + Column (6) + Column (7) - Column (8)

(F) Custom Budget Order (2013-00097) requested additional revenue requirements in March 2013.

(11)	(12)	(13)	(14)
Rider Collection (F)		(Over)/Under Collection	
Gas	Electric	Gas (G)	Electric (H)

\$ 97,814	\$ 145,588	NA	NA
\$ (3,879,938)	\$ 4,130,113		
\$ (3,782,124)	\$ 4,275,700	\$ 1,748,956	\$ (813,874)

Kentucky DSM Rider

2014-2015 Projected Program Costs, Lost Revenues, and Shared Savings

Residential Program Summary (A)

	Costs	Lost Revenues	Shared Savings	Total	Allocation of Costs		Budget (Costs, Lost Revenues, & Shared Savings)		
					Electric	Gas	Electric Costs	Electric	Gas Costs
Appliance Recycling Program	\$ 193,426	\$ 104,715	\$ 83,130	\$ 381,271	100.0%	0.0%	\$ 193,426	\$ 381,271	\$ -
Energy Efficiency Education Program for Schools	\$ 229,075	\$ 18,779	\$ (12,239)	\$ 235,615	36.5%	63.5%	\$ 83,613	\$ 90,152	\$ 145,463
Low Income Neighborhood	\$ 356,583	\$ 44,247	\$ 7,374	\$ 408,204	100.0%	0.0%	\$ 356,583	\$ 408,204	\$ -
Low Income Services	\$ 886,258	\$ 39,097	\$ (31,172)	\$ 894,183	36.5%	63.5%	\$ 323,484	\$ 331,410	\$ 562,774
My Home Energy Report	\$ 574,536	\$ 468,204	\$ 45,284	\$ 1,088,025	100.0%	0.0%	\$ 574,536	\$ 1,088,025	\$ -
Residential Energy Assessments	\$ 189,993	\$ 28,311	\$ 12,192	\$ 230,495	36.5%	63.5%	\$ 69,347	\$ 109,850	\$ 120,645
Residential Smart Saver® (B)	\$ 1,288,736	\$ 1,575,659	\$ 159,818	\$ 3,024,213	36.5%	63.5%	\$ 470,389	\$ 2,205,866	\$ 818,347
Power Manager	\$ 566,066	\$ -	\$ 130,089	\$ 696,155	100.0%	0.0%	\$ 566,066	\$ 696,155	\$ -
Personalized Energy Report Program	\$ -	\$ 2,950	\$ -	\$ 2,950	36.5%	63.5%	\$ -	\$ 2,950	\$ -
Total Costs, Net Lost Revenues, Shared Savings	\$ 4,284,674	\$ 2,281,961	\$ 394,476	\$ 6,961,111			\$ 2,637,444	\$ 5,313,881	\$ 1,647,229
Home Energy Assistance Pilot Program	\$ 250,556							\$ 145,522	\$ 105,035

NonResidential Program Summary (A)

	Costs	Lost Revenues	Shared Savings	Total	Allocations		Budget (Costs, Lost Revenues, & Shared Savings)		
					Electric	Gas	Electric Costs	Electric	Gas
Smart Saver® Custom	\$ 393,983	\$ 129,375	\$ 101,449	\$ 624,807	100.0%	0.0%	\$ 393,983	\$ 624,807	NA
Smart Saver® Prescriptive - Energy Star Food Service Products (B)	\$ 18,463	\$ 7,815	\$ 12,013	\$ 38,291	100.0%	0.0%	\$ 18,463	\$ 38,291	NA
Smart Saver® Prescriptive - HVAC (B)	\$ 164,436	\$ 47,807	\$ 80,058	\$ 292,300	100.0%	0.0%	\$ 164,436	\$ 292,300	NA
Smart Saver® Prescriptive - Lighting (B)	\$ 634,676	\$ 290,867	\$ 310,371	\$ 1,235,914	100.0%	0.0%	\$ 634,676	\$ 1,235,914	NA
Smart Saver® Prescriptive - Motors/Pumps/VFD	\$ 43,292	\$ 33,510	\$ 36,676	\$ 113,478	100.0%	0.0%	\$ 43,292	\$ 113,478	NA
Smart Saver® Prescriptive - Process Equipment	\$ 1,630	\$ 1,588	\$ 1,131	\$ 4,349	100.0%	0.0%	\$ 1,630	\$ 4,349	NA
Smart Saver® Prescriptive - IT (B)	\$ 9,919	\$ 1,490	\$ 3,005	\$ 14,415	100.0%	0.0%	\$ 9,919	\$ 14,415	NA
Power Share®	\$ 1,022,924	\$ -	\$ 332,441	\$ 1,355,365	100.0%	0.0%	\$ 1,022,924	\$ 1,355,365	NA
Total Costs, Net Lost Revenues, Shared Savings	\$ 2,289,323	\$ 512,451	\$ 877,145	\$ 3,678,919			\$ 2,289,323	\$ 3,678,919	NA
Total Program	\$ 6,573,997	\$ 2,794,412	\$ 1,271,621	\$ 10,640,029					

(A) Costs, Lost Revenues (for this period and from prior period DSM measure installations), and Shared Savings for Year 3 of portfolio

(B) Includes new measures filed in Case No. 2013-313

Kentucky DSM Rider

Duke Energy Kentucky
Demand Side Management Cost Recovery Rider (DSMR)
Summary of Calculations for Programs

July 2014 to June 2015

	Program Costs (A)
<u>Electric Rider DSM</u>	
Residential Rate RS	\$ 5,313,881
Distribution Level Rates Part A DS, DP, DT, GS-FL, EH & SP	\$ 2,323,554
Transmission Level Rates & Distribution Level Rates Part B	\$ 1,355,365
<u>Gas Rider DSM</u>	
Residential Rate RS	\$ 1,647,229

(A) See Appendix B, page 2 of 6.

Kentucky DSM Rider

Duke Energy Kentucky
Demand Side Management Cost Recovery Rider (DSMR)
Summary of Billing Determinants

Year	2014
Projected Annual Electric Sales kWh	
Rates RS	1,469,356,807
Rates DS, DP, DT, GS-FL, EH, & SP	2,328,176,945
Rates DS, DP, DT, GS-FL, EH, SP, & TT	2,544,487,945
Projected Annual Gas Sales CCF	
Rate RS	61,889,261

Kentucky DSM Rider

Duke Energy Kentucky
Demand Side Management Cost Recovery Rider (DSMR)
Summary of Calculations

July 2014 to June 2015

Rate Schedule Riders	True-Up Amount (A)	Expected Program Costs (B)	Total DSM Revenue Requirements	Estimated Billing Determinants (C)	DSM Cost Recovery Rider (DSMR)
<u>Electric Rider DSM</u> Residential Rate RS	\$ (815,095)	\$ 5,313,881	\$ 4,498,786	1,469,356,807 kWh	\$ 0.003062 \$/kWh
Distribution Level Rates Part A DS, DP, DT, GS-FL, EH & SP	\$ (1,672,201)	\$ 2,323,554	\$ 651,353	2,328,176,945 kWh	\$ 0.000280 \$/kWh
Transmission Level Rates & Distribution Level Rates Part B TT	\$ 802,516	\$ 1,355,365	\$ 2,157,881	2,544,487,945 kWh	\$ 0.000848 \$/kWh
Distribution Level Rates Total DS, DP, DT, GS-FL, EH & SP					\$ 0.001128 \$/kWh
<u>Gas Rider DSM</u> Residential Rate RS	\$ 1,751,580	\$ 1,647,229	\$ 3,398,809	61,889,261 CCF	\$ 0.054918 \$/CCF
Total Rider Recovery			\$ 10,706,829		
Customer Charge for HEA Program					
<u>Electric No. 4</u> Residential Rate RS			Annual Revenues \$ 145,522	Number of Customers 121,268	Monthly Customer Charge \$ 0.10
<u>Gas No. 5</u> Residential Rate RS			\$ 105,035	87,529	\$ 0.10
Total Customer Charge Revenues			\$ 250,556		
Total Recovery			\$ 10,957,385		

(A) (Over)/Under of Appendix B page 1 multiplied by the average three-month commercial paper rate for 2013 to include interest on over or under-recovery in accordance with the Commission's order in Case No. 95-312. Value is: 1.001500
(B) Appendix B, page 2.
(C) Appendix B, page 4.