

DUKE ENERGY KENTUCKY
DERIVATION OF ENERGY DELIVERY CHARGES FOR RTP PROGRAM

	Transmission Network	Primary Network	Secondary Network
TRANSMISSION			
Transmission System	\$9,769,554		
DISTRIBUTION			
Step Down Subs		\$3,210,809	\$0
Primary Lines		\$12,782,734	\$0
Line Transformers		\$0	\$0
Secondary Lines		\$0	\$2,039,765
DIRECTLY ASSIGNABLE			
Secondary Service		\$0	\$0
Primary Service		\$0	\$0
Stepdowns (special)		\$0	\$0
TOTAL BY COMPONENT	\$9,769,554	\$15,993,543	\$2,039,765
GRAND TOTAL			\$27,802,862

	NCP Billing Units
Transmission	459,080
Primary	761,762
Secondary	5,420,549
Total	6,641,391.0

	Investment	NCP Billing Units	
Transmission Network	\$9,769,554	6,641,391.0	All
Primary Network	\$15,993,543	6,182,311.0	Primary and Secondary
Secondary Network	\$2,039,765	5,420,549.0	Secondary Only

	By Unit
Transmission	\$1.47
Primary Network	\$2.59
Secondary Network	\$0.38

ENERGY DELIVERY CHARGES				
	Monthly Charges	Revenue Verification (Before Rounding)		Hourly Charges
Transmission	\$1.47	459,080	\$675,311	\$0.002015
Primary	\$4.06	761,762	\$3,091,226	\$0.005559
Secondary	\$4.43	5,420,549	\$24,036,324	\$0.006074
			\$27,802,862	
		Target	\$27,802,862	
		Difference	\$0	

	Transmission	Substations	Poles, Towers Fixtures	Conductors	Transformers	Totals
DS	\$4,893,899	\$1,773,227	\$4,002,650	\$4,230,351	\$0	\$14,900,127
DP	\$143,450	\$43,469	\$90,615	\$86,874	\$0	\$364,408
DT - sec	\$2,681,622	\$944,051	\$2,266,878	\$2,248,652	\$0	\$8,141,203
DT - pri	\$1,454,753	\$450,062	\$998,468	\$898,011	\$0	\$3,801,294
TT	\$595,830	\$0	\$0	\$0	\$0	\$595,830
Totals	\$9,769,554	\$3,210,809	\$7,358,611	\$7,463,888	\$0	\$27,802,862

	Primary	Secondary
Energy Delivery Charge	\$6,355,487	\$6,427,248
Incremental Revenue	\$1,003,124	\$1,036,640

	kWh Sales	Energy Delivery Charge Current	Energy Delivery Charge Proposed	Incremental Revenue
DT RTP - pri	19,899,851	\$0.004600	\$0.005559	\$19,084
DT RTP - sec	8,057,149	\$0.004800	\$0.006074	\$10,265
DS RTP	1,005,000	\$0.004800	\$0.006074	\$1,280
TT RTP	11,500,000	\$0.001600	\$0.002015	\$4,773
Total	40,462,000			\$35,402

	Revenue Requirement Cost of Service	Revenue Per Design	Deficiency
DT RTP - pri	\$961,928	\$801,971	\$159,957
DT RTP - sec	\$426,746	\$354,772	\$71,974
DS RTP	\$75,425	\$72,568	\$2,857
TT RTP	\$465,659	\$409,837	\$55,822
Total	\$1,929,758	\$1,639,148	\$290,610

	Sales in kW		Total
	Summer	Winter	
DS			3,720,718
DT - sec	590,891	1,108,940	1,699,831
DT - pri	249,229	435,861	685,090
DP			76,672
TT	134,016	325,064	459,080
Total			6,641,391

Source: Statement M