

Rockland Electric Company - 500 kW Unit
Proposed Calculation of a Standby Customer's Bill

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
No. Days in Month	31	28	31	30	31	30	31	31	30	31	30	31
DG Rating (kW)	500	500	500	500	500	500	500	500	500	500	500	500
Hours in Current Month	744	672	744	720	744	720	744	744	720	744	720	744
Expected Monthly DG kWh	372,000	336,000	372,000	360,000	372,000	360,000	372,000	372,000	360,000	372,000	360,000	372,000
Number of Days of Outages per Month	0	0	0	0	0	4	4	2	1	2	3	0
kWh to be Supplied by Utility	0	0	0	0	0	48,000	48,000	24,000	12,000	24,000	36,000	0
Net DG kWh	372,000	336,000	372,000	360,000	372,000	312,000	324,000	348,000	348,000	348,000	324,000	372,000
Availability Factor							98%	96%	95%	94%	93%	91%
Standby Capacity (kW)							500	500	500	500	500	500
Demand							435	468	483	468	450	500
Standby Rates in Effect for Month?							Y	Y	Y	Y	Y	Y

Customer's Bill - Assuming an SC 2 - Primary Customer

Customer Charge							\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00
Distribution Demand Charge												
1st 5 kW							0.00	0.00	0.00	0.00	0.00	0.00
> 5 kW							0.00	0.00	0.00	0.00	0.00	0.00
Distribution Usage Charge												
Block 1							1,832.64	916.32	458.16	835.68	1,253.52	0.00
Block 2							1,319.04	659.52	329.76	659.52	989.28	0.00
Block 3							805.44	402.72	201.36	402.72	604.08	0.00
Transmission Demand Charge												
1st 5 kW							0.00	0.00	0.00	0.00	0.00	0.00
> 5 kW							593.40	638.94	659.64	550.97	529.55	589.05
Transmission Usage Charge							264.96	132.48	66.24	132.48	198.72	0.00
Transmission Surcharge							165.60	82.80	41.40	82.80	124.20	0.00
SBC							314.35	157.18	78.59	157.18	235.76	0.00
RGGI Surcharge							(2.16)	(1.08)	(0.54)	(1.08)	(1.62)	0.00
TBC/TBC Tax							235.68	117.84	58.92	117.84	176.76	0.00
Smart Grid Surcharge							28.27	14.14	7.07	14.14	21.20	0.00
BGS Demand Charge												
1st 5 kW							0.00	0.00	0.00	0.00	0.00	0.00
> 5 kW							3,336.80	3,592.88	3,709.28	3,537.32	3,399.80	3,781.80
BGS Usage Charge							3,774.24	1,887.12	943.56	1,726.32	2,589.48	0.00
Standby Charge							775.00	775.00	775.00	775.00	775.00	775.00
Total Bill							#####	\$9,450.85	\$7,403.44	\$9,065.88	#####	\$5,220.85