

LONG ISLAND POWER AUTHORITY
ANALYSIS OF RATES AND REVENUES
LONG ISLAND CHOICE PROGRAM
(Marginal cost based, capacity reflected in summer energy)

billing parameter	quantity	Bundled rate *	Avoided generation	Delivery rate	Bundled revenues	Delivery revenues	Revenue Change	
							\$	%
	(1)	(2)	(3)	(4) = (2) - (3)	(5) = (1) x (2)	(6) = (1) x (4)	(7) = (6) - (5)	(8) = (7) / (5)
S.C. No. 1 - Residential:								
service charge: per day	11,173,902	5.3700	0.0000	5.3700	60,003,854	60,003,854	0	0.0
energy charge: per kWh								
<u>General:</u>								
first 250 kWh								
Jun - Sep	874,332,000	0.1249	0.0353	0.0896	109,204,067	78,382,773	(30,821,294)	(28.2)
Oct - May	1,716,064,000	0.1249	0.0341	0.0908	214,336,394	155,815,105	(58,521,288)	(27.3)
excess 250								
Jun - Sep	1,708,807,000	0.1367	0.0343	0.1024	233,593,917	174,997,153	(58,596,764)	(25.1)
Oct - May	2,387,073,000	0.1179	0.0341	0.0838	281,435,907	200,031,841	(81,404,066)	(28.9)
<u>Water Heating:</u>								
400 - 800 kWh								
Jun - Sep	17,087,000	0.0978	0.0337	0.0641	1,671,109	1,094,667	(576,442)	(34.5)
Oct - May	18,278,000	0.0978	0.0341	0.0637	1,787,588	1,164,271	(623,317)	(34.9)
<u>Space Heating:</u>								
excess 800 kWh								
Oct - May	280,243,000	0.0907	0.0341	0.0566	25,418,040	15,861,181	(9,556,859)	(37.6)
<u>Off-peak Energy Services:</u>								
service charge: per day	3,554	4.2300	0.0000	4.2300	15,033	15,033	0	0.0
energy charge: per kWh								
midnight - 7 a.m.								
Jun - Sep	222,000	0.0656	0.0000	0.0656	14,563	14,563	0	0.0
Oct - May	565,000	0.0656	0.0000	0.0656	37,064	37,064	0	0.0
10 p.m. - 10 a.m.								
Jun - Sep	8,000	0.0692	0.0000	0.0692	554	554	0	0.0
Oct - May	<u>20,000</u>	<u>0.0692</u>	<u>0.0000</u>	<u>0.0692</u>	<u>1,384</u>	<u>1,384</u>	<u>0</u>	<u>0.0</u>
Total S.C. No. 1	7,002,699,000 kwh	0.1325	0.0343	0.0982	927,519,473	687,419,443	(240,100,030)	(25.9)
S.C. No. 2 - Commercial:								
service charge: per day	569,327	5.3700	0.0000	5.3700	3,057,286	3,057,286	0	0.0
energy charge: per kWh								
all kWh								
Jun - Sep	119,558,000	0.1444	0.0349	0.1095	17,264,175	13,087,941	(4,176,234)	(24.2)
Oct - May	<u>221,282,000</u>	<u>0.1255</u>	<u>0.0341</u>	<u>0.0914</u>	<u>27,770,891</u>	<u>20,224,723</u>	<u>(7,546,168)</u>	<u>(27.2)</u>
Total S.C. No. 2	340,840,000	0.1411	0.0344	0.1067	48,092,352	36,369,950	(11,722,402)	(24.4)

* Base rates excluding PILOTS, RCAR and Shoreham P/T

LONG ISLAND POWER AUTHORITY
LONG ISLAND CHOICE PROGRAM
Development of Ancillary Services Bill Credits

Open Access Transmission Tariff:

Ancillary Services	\$ 0.826	per kw-month
System Monthly Demand	39,730	MW
Annual Peak Demand	<u>4,250</u>	MW
Effective Coincident Peak Rate (\$/kW)	\$ 7.72	per kw-year

Class Specific Ancillary Credit (\$/kWh):	Load Factor	Effective Credit	Effective Credit at Customer Voltage Level		
			Secondary 8.21%	Primary 4.71%	Trans 1.78%
<u>No Demand Meter:</u>					
Residential General	36%	\$ 0.0024	0.0026	-	-
Commercial Small	<u>37%</u>	<u>\$ 0.0024</u>	<u>0.0026</u>	-	-
	36%	\$ 0.0024	0.0026	-	-
Residential MRP	38%	\$ 0.0023	0.0025	-	-
<u>With Demand Meter:</u>					
Commercial Large	57%	\$ 0.0015	0.0017	0.0016	-
Commercial Heat	<u>47%</u>	<u>\$ 0.0019</u>	<u>0.0020</u>	<u>0.0020</u>	-
	57%	\$ 0.0015	0.0017	0.0016	-
<u>Large Time of Use: (Rate 1)</u>					
Commercial MRP (S)	66%	\$ 0.0013	0.0014	0.0014	-
Commercial MRP (P)	<u>68%</u>	<u>\$ 0.0013</u>	<u>0.0014</u>	<u>0.0014</u>	-
	66%	\$ 0.0013	0.0014	0.0014	-
Commercial MRP (T)	65%	\$ 0.0014	-	-	0.0014
<u>Large Time of Use: (Rate 2)</u>					
Commercial MRP (S)	66%	\$ 0.0013	0.0014	-	-
Traffic Lighting	95%	\$ 0.0009	0.0010	-	-
Outdoor Area & Street	402%	\$ 0.0002	0.0002	-	-
<u>System Average</u>	<u>49.7%</u>	<u>\$ 0.0018</u>	<u>0.0019</u>	<u>0.0019</u>	<u>0.0018</u>