

Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion													07/08/2024		
Generator Data																											
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT		
59TH STREET_GT_1		32.87	31.40	31.05	31.19	28.41	30.42	34.02	36.66	36.01	36.79	37.75	38.21	47.51	59.03	77.97	436.73	198.31	252.33	172.22	117.77	71.32	70.47	49.54	41.76		
24138		2.70	2.47	2.17	2.10	1.95	2.17	2.58	3.09	3.33	3.64	3.98	3.92	4.39	5.29	7.34	41.60	19.30	23.22	14.68	9.62	5.14	3.61	3.27	2.96		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.07	-17.22	0.00	0.00			
74TH STREET_GT_1		32.96	31.47	31.11	31.26	28.47	30.47	34.06	36.64	35.98	36.74	37.69	38.15	47.52	59.10	78.04	437.21	198.77	252.98	172.68	118.11	71.56	70.66	49.74	41.93		
24260		2.79	2.54	2.23	2.18	2.01	2.22	2.63	3.06	3.30	3.60	3.92	3.85	4.39	5.36	7.41	42.08	19.76	23.87	15.14	9.96	5.38	3.80	3.47	3.12		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.07	-17.22	0.00	0.00			
74TH STREET_GT_2		32.96	31.47	31.11	31.26	28.47	30.47	34.06	36.64	35.98	36.74	37.69	38.15	47.52	59.10	78.04	437.21	198.77	252.98	172.68	118.11	71.56	70.66	49.74	41.93		
24261		2.79	2.54	2.23	2.18	2.01	2.22	2.63	3.06	3.30	3.60	3.92	3.85	4.39	5.36	7.41	42.08	19.76	23.87	15.14	9.96	5.38	3.80	3.47	3.12		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.07	-17.22	0.00	0.00			
ADK HUDSON___FALLS		32.39	30.89	30.68	30.86	28.15	30.15	33.48	35.69	34.63	34.56	35.74	36.45	45.67	57.13	75.78	424.80	192.90	248.78	172.36	118.41	113.45	245.68	49.93	41.84		
24011		2.22	1.96	1.80	1.79	1.69	1.90	2.05	2.11	1.96	1.99	1.96	2.16	2.55	3.38	5.15	29.66	13.88	19.67	14.82	10.26	6.00	4.04	3.66	3.03		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-45.34	-192.00	0.00	0.00			
ADK RESOURCE___RCVRY		32.64	31.07	30.85	31.04	28.34	30.39	33.74	35.94	34.83	34.74	35.93	36.67	45.95	57.55	76.52	429.39	194.95	251.43	174.02	119.46	114.25	246.81	50.14	42.11		
23798		2.48	2.14	1.97	1.96	1.88	2.14	2.31	2.36	2.15	2.16	2.16	2.38	2.83	3.81	5.89	34.25	15.95	22.32	16.48	11.31	6.57	4.20	3.87	3.30		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-45.57	-192.96	0.00	0.00			
ADK S GLENS___FALLS		32.39	30.89	30.68	30.86	28.15	30.15	33.48	35.69	34.63	34.56	35.74	36.45	45.67	57.13	75.78	424.80	192.90	248.78	172.36	118.41	113.45	245.68	49.93	41.84		
24028		2.22	1.96	1.80	1.79	1.69	1.90	2.05	2.11	1.96	1.99	1.96	2.16	2.55	3.38	5.15	29.66	13.88	19.67	14.82	10.26	6.00	4.04	3.66	3.03		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-45.34	-192.00	0.00	0.00			
ADK_NYS___DAM		32.10	30.82	30.66	30.82	28.12	30.05	33.14	35.35	34.28	34.26	35.46	36.03	44.91	56.34	74.62	416.67	187.85	242.44	167.09	114.74	98.82	191.40	49.07	41.11		
23527		1.93	1.89	1.78	1.74	1.67	1.80	1.70	1.78	1.61	1.67	1.69	1.74	1.79	2.60	3.99	21.54	8.84	13.33	9.55	6.59	3.96	3.09	2.80	2.30		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-32.74	-138.66	0.00	0.00			
AIR_PRODUCTS___DRP		30.86	29.57	29.47	29.62	27.01	28.82	31.96	34.15	33.20	33.20	34.39	34.84	43.49	54.34	71.71	400.34	181.78	233.29	160.37	110.06	87.04	151.75	47.20	39.61		
24190		0.69	0.64	0.59	0.54	0.55	0.57	0.52	0.57	0.53	0.63	0.62	0.54	0.37	0.60	1.08	5.20	2.77	4.18	2.83	1.91	1.05	0.96	0.94	0.80		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.88	-101.14	0.00	0.00			
AKWESSNE_115KV_BK		29.47	28.33	28.49	28.68	26.07	27.85	30.98	33.05	31.91	31.48	32.71	33.19	41.89	52.28	68.44	382.10	172.81	220.22	151.29	104.16	59.88	48.18	45.19	37.96		
355683		-0.69	-0.60	-0.40	-0.40	-0.38	-0.40	-0.46	-0.53	-0.76	-0.99	-1.06	-1.11	-1.23	-1.46	-2.19	-13.03	-6.19	-8.89	-6.26	-3.99	-2.23	-1.46	-1.08	-0.84		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
ALBANY_1_SOLAR		31.45	30.17	30.08	30.26	27.58	29.44	32.58	34.63	33.49	33.33	34.38	34.48	42.91	53.59	70.72	396.53	180.30	231.86	160.10	110.16	81.41	126.81	47.61	40.40		
323833		1.29	1.24	1.20	1.19	1.12	1.19	1.15	1.06	0.82	0.77	0.61	0.18	-0.21	-0.15	0.10	1.40	1.30	2.75	2.55	2.01	1.32	1.06	1.34	1.59		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.97	-76.11	0.00	0.00			
ALBANY_2_SOLAR		31.45	30.16	30.08	30.25	27.57	29.42	32.58	34.62	33.48	33.33	34.38	34.47	42.89	53.57	70.72	396.21	180.26	231.73	160.01	110.14	81.36	126.77	47.58	40.38		
323834		1.28	1.23	1.20	1.17	1.12	1.17	1.14	1.04	0.81	0.76	0.60	0.18	-0.23	-0.16	0.09	1.08	1.25	2.61	2.46	1.99	1.28	1.04	1.31	1.58		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.97	-76.09	0.00	0.00			
ALBANY___1		30.86	29.57	29.47	29.62	27.01	28.82	31.96	34.15	33.20	33.20	34.39	34.84	43.49	54.34	71.71	400.34	181.78	233.29	160.37	110.06	87.04	151.75	47.20	39.61		
23571		0.69	0.64	0.59	0.54	0.55	0.57	0.52	0.57	0.53	0.63	0.62	0.54	0.37	0.60	1.08	5.20	2.77	4.18	2.83	1.91	1.05	0.96	0.94	0.80		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.88	-101.14	0.00	0.00			

ALBANY___2 23572	30.86 0.69 0.00	29.57 0.64 0.00	29.47 0.59 0.00	29.62 0.54 0.00	27.01 0.55 0.00	28.82 0.57 0.00	31.96 0.52 0.00	34.15 0.57 0.00	33.20 0.53 0.00	33.20 0.63 -0.11	34.39 0.62 0.00	34.84 0.54 0.00	43.49 0.37 0.00	54.34 0.60 0.00	71.71 1.08 0.00	400.34 5.20 0.00	181.78 2.77 0.00	233.29 4.18 0.00	160.37 2.83 0.00	110.06 1.91 0.00	87.04 1.05 -23.88	151.75 0.96 -101.14	47.20 0.94 0.00	39.61 0.80 0.00
ALBANY___3 23573	30.86 0.69 0.00	29.57 0.64 0.00	29.47 0.59 0.00	29.62 0.54 0.00	27.01 0.55 0.00	28.82 0.57 0.00	31.96 0.52 0.00	34.15 0.57 0.00	33.20 0.53 0.00	33.20 0.63 -0.11	34.39 0.62 0.00	34.84 0.54 0.00	43.49 0.37 0.00	54.34 0.60 0.00	71.71 1.08 0.00	400.34 5.20 0.00	181.78 2.77 0.00	233.29 4.18 0.00	160.37 2.83 0.00	110.06 1.91 0.00	87.04 1.05 -23.88	151.75 0.96 -101.14	47.20 0.94 0.00	39.61 0.80 0.00
ALBANY___4 23574	30.86 0.69 0.00	29.57 0.64 0.00	29.47 0.59 0.00	29.62 0.54 0.00	27.01 0.55 0.00	28.82 0.57 0.00	31.96 0.52 0.00	34.15 0.57 0.00	33.20 0.53 0.00	33.20 0.63 -0.11	34.39 0.62 0.00	34.84 0.54 0.00	43.49 0.37 0.00	54.34 0.60 0.00	71.71 1.08 0.00	400.34 5.20 0.00	181.78 2.77 0.00	233.29 4.18 0.00	160.37 2.83 0.00	110.06 1.91 0.00	87.04 1.05 -23.88	151.75 0.96 -101.14	47.20 0.94 0.00	39.61 0.80 0.00
ALBANY___LFGE 323615	31.23 1.06 0.00	29.91 0.99 0.00	29.80 0.92 0.00	29.96 0.88 0.00	27.32 0.86 0.00	29.16 0.91 0.00	32.33 0.90 0.00	34.57 0.99 0.00	33.63 0.95 0.00	33.65 1.07 -0.11	34.88 1.10 0.00	35.38 1.08 0.00	44.20 1.08 0.00	55.25 1.51 0.00	72.91 2.28 0.00	407.44 12.31 0.00	185.04 6.03 0.00	237.42 8.31 0.00	163.26 5.71 0.00	111.98 3.84 0.00	94.42 2.14 -30.17	179.16 1.76 -127.76	47.88 1.61 0.00	40.14 1.34 0.00
ALCOA_PA_115KV_PL-6C 55860	29.43 -0.74 0.00	28.29 -0.64 0.00	28.44 -0.44 0.00	28.64 -0.44 0.00	26.04 -0.42 0.00	27.80 -0.45 0.00	30.92 -0.51 0.00	32.98 -0.60 0.00	31.88 -0.80 0.00	31.46 -1.01 0.00	32.62 -1.16 0.00	33.08 -1.22 0.00	41.76 -1.36 0.00	52.12 -1.63 0.00	68.19 -2.44 0.00	380.54 -14.59 0.00	172.19 -6.82 0.00	220.34 -8.77 0.00	151.52 -6.02 0.00	104.47 -3.68 0.00	60.11 -2.00 0.00	48.44 -1.20 0.00	45.17 -1.10 0.00	37.91 -0.89 0.00
ALCOA_RYNLDS___DRP 24188	29.43 -0.74 0.00	28.29 -0.64 0.00	28.44 -0.44 0.00	28.64 -0.44 0.00	26.04 -0.42 0.00	27.80 -0.45 0.00	30.92 -0.51 0.00	32.98 -0.60 0.00	31.88 -0.80 0.00	31.46 -1.01 0.00	32.62 -1.16 0.00	33.08 -1.22 0.00	41.76 -1.36 0.00	52.12 -1.63 0.00	68.19 -2.44 0.00	380.54 -14.59 0.00	172.19 -6.82 0.00	220.34 -8.77 0.00	151.52 -6.02 0.00	104.47 -3.68 0.00	60.11 -2.00 0.00	48.44 -1.20 0.00	45.17 -1.10 0.00	37.91 -0.89 0.00
ALCOA___DSASP 323711	29.43 -0.74 0.00	28.29 -0.64 0.00	28.44 -0.44 0.00	28.65 -0.44 0.00	26.04 -0.42 0.00	27.80 -0.45 0.00	30.92 -0.51 0.00	32.98 -0.60 0.00	31.88 -0.80 0.00	31.46 -1.01 0.00	32.62 -1.16 0.00	33.08 -1.22 0.00	41.76 -1.36 0.00	52.11 -1.63 0.00	68.19 -2.44 0.00	380.54 -14.60 0.00	172.19 -6.82 0.00	220.34 -8.78 0.00	151.55 -5.99 0.00	104.47 -3.68 0.00	60.11 -2.00 0.00	48.45 -1.20 0.00	45.17 -1.10 0.00	37.91 -0.89 0.00
ALLEGHENY___COGEN 23514	31.21 1.04 0.00	29.84 0.91 0.00	29.47 0.59 0.00	29.80 0.72 0.00	26.96 0.50 0.00	28.94 0.69 0.00	32.45 1.02 0.00	34.44 0.86 0.00	33.06 0.39 0.00	32.44 -0.02 0.00	33.92 0.14 0.00	34.78 0.48 0.00	43.52 0.40 0.00	52.16 -1.58 0.00	65.86 -4.77 0.00	368.40 -26.73 0.00	165.50 -13.51 0.00	211.56 -17.55 0.00	146.43 -11.12 0.00	101.84 -6.31 0.00	59.87 -2.25 0.00	48.73 -0.92 0.00	47.84 1.57 0.00	40.14 1.33 0.00
ALTAMONT_115KV_TB 2 55880	31.18 1.01 0.00	29.89 0.96 0.00	29.78 0.90 0.00	29.95 0.87 0.00	27.29 0.82 0.00	29.12 0.86 0.00	32.32 0.89 0.00	34.52 0.94 0.00	33.58 0.91 0.00	33.56 0.99 -0.11	34.79 1.02 0.00	35.26 0.96 0.00	44.08 0.96 0.00	55.03 1.29 0.00	72.56 1.93 0.00	405.46 10.33 0.00	184.03 5.02 0.00	235.97 6.86 0.00	162.38 4.84 0.00	111.42 3.27 0.00	83.14 1.85 -19.17	132.25 1.40 -81.20	47.63 1.36 0.00	40.01 1.21 0.00
ALTONA_WT_PWR 323606	29.94 -0.23 0.00	28.80 -0.13 0.00	28.99 0.12 0.00	29.22 0.15 0.00	26.60 0.14 0.00	28.36 0.11 0.00	31.55 0.11 0.00	33.67 0.09 0.00	32.59 -0.09 0.00	32.27 -0.19 0.00	33.43 -0.35 0.00	33.53 -0.77 0.00	42.11 -1.01 0.00	52.14 -1.60 0.00	68.23 -2.40 0.00	378.85 -16.29 0.00	171.22 -7.79 0.00	220.52 -8.59 0.00	151.74 -5.81 0.00	104.49 -3.66 0.00	60.15 -1.96 0.00	48.79 -0.86 0.00	46.07 -0.19 0.00	38.67 -0.13 0.00
AMERICAN_REF_FUEL 24010	28.81 -1.36 0.00	27.73 -1.20 0.00	27.43 -1.45 0.00	27.80 -1.28 0.00	25.17 -1.29 0.00	26.97 -1.29 0.00	29.99 -1.45 0.00	31.74 -1.83 0.00	30.98 -1.69 0.00	30.87 -1.60 0.00	32.53 -1.25 0.00	33.46 -0.83 0.00	43.02 -0.10 0.00	52.78 -0.96 0.00	68.14 -2.49 0.00	390.66 -13.13 -8.65	171.04 -7.97 0.00	217.23 -12.09 -0.20	154.89 -8.00 -5.35	111.57 -5.42 -8.84	59.66 -2.46 0.00	47.98 -1.66 0.00	45.15 -1.12 0.00	37.94 -0.86 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.22 0.06 0.00	28.97 0.04 0.00	28.50 -0.38 0.00	28.93 -0.15 0.00	26.16 -0.30 0.00	28.06 -0.19 0.00	31.63 0.20 0.00	33.72 0.14 0.00	33.17 0.49 0.00	33.18 0.71 0.00	35.06 1.28 0.00	36.02 1.73 0.00	46.21 3.08 0.00	56.72 2.98 0.00	73.15 2.52 0.00	425.65 19.06 -11.46	184.05 5.04 0.00	233.76 4.61 -0.03	161.63 3.30 -0.79	111.48 2.04 -1.30	64.08 1.96 0.00	51.42 1.77 0.00	48.20 1.93 0.00	40.17 1.36 0.00
ARTHUR KILL_GT_1 23520	32.72 2.55 0.00	31.21 2.28 0.00	30.86 1.98 0.00	30.99 1.91 0.00	28.23 1.77 0.00	30.20 1.94 0.00	33.47 2.28 0.25	36.03 2.61 0.15	35.56 2.89 0.00	36.48 3.15 -0.87	36.98 3.48 0.28	37.66 3.37 0.00	46.58 3.79 0.33	41.13 4.58 17.20	57.93 6.48 19.18	409.60 35.25 20.78	195.51 16.98 0.48	249.09 19.98 0.00	170.31 12.77 0.00	116.96 8.66 -0.15	71.50 4.89 -4.49	128.94 3.38 -75.92	49.09 2.82 0.00	41.49 2.68 0.00
ARTHUR_KILL_2 23512	32.60 2.43 0.00	31.10 2.17 0.00	30.75 1.87 0.00	30.88 1.80 0.00	28.13 1.68 0.00	30.09 1.84 0.00	33.36 2.17 0.25	35.91 2.49 0.15	35.45 2.77 0.00	36.37 3.04 -0.87	36.85 3.34 0.28	37.51 3.22 0.00	46.37 3.58 0.33	40.87 4.33 17.20	57.61 6.16 19.18	407.60 33.25 20.78	194.61 16.08 0.48	248.00 18.89 0.00	169.64 12.09 0.00	116.43 8.13 -0.15	71.19 4.58 -4.49	128.69 3.13 -75.92	48.86 2.59 0.00	41.32 2.51 0.00
ARTHUR_KILL_3 23513	32.48 2.32 0.00	31.05 2.12 0.00	30.69 1.81 0.00	30.82 1.74 0.00	28.06 1.61 0.00	30.03 1.78 0.00	33.16 2.11 0.39	35.87 2.53 0.24	35.45 2.78 0.00	36.39 3.06 -0.87	37.14 3.37 0.00	37.57 3.27 0.00	46.39 3.60 0.33	40.93 4.38 17.19	57.58 6.12 19.17	408.62 34.28 20.79	190.59 16.35 4.78	216.49 19.68 32.31	142.48 12.36 27.43	101.95 7.97 14.16	65.07 4.27 1.32	62.32 2.96 -9.71	40.70 2.73 8.30	37.77 2.54 3.57

ARTHUR_KILL_COGEN 323718	32.72 2.55 0.00	31.21 2.28 0.00	30.86 1.98 0.00	30.99 1.91 0.00	28.23 1.77 0.00	30.20 1.94 0.00	33.47 2.28 0.25	36.03 2.61 0.15	35.56 2.89 0.00	36.48 3.15 -0.87	36.98 3.48 0.28	37.66 3.37 0.00	46.58 3.79 0.33	41.13 4.58 17.20	57.93 6.48 19.18	409.60 35.25 20.78	195.51 16.98 0.48	249.09 19.98 0.00	170.31 12.77 0.00	116.96 8.66 -0.15	71.50 4.89 -4.49	128.94 3.38 -75.92	49.09 2.82 0.00	41.49 3.68 0.00
ASHOKAN____ 23654	32.28 2.12 0.00	30.81 1.88 0.00	30.65 1.77 0.00	30.76 1.68 0.00	28.01 1.56 0.00	29.91 1.65 0.00	33.27 1.84 0.00	35.73 2.15 0.00	34.82 2.15 0.00	34.62 2.15 0.00	35.94 2.17 0.00	36.45 2.16 0.00	45.73 2.61 0.00	57.35 3.61 0.00	75.95 5.32 0.00	427.15 32.02 0.00	193.93 14.92 0.00	250.08 20.97 0.00	172.87 15.32 0.00	118.76 10.62 0.00	80.81 6.06 -12.63	107.34 4.19 -53.51	50.32 4.05 0.00	42.08 3.27 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.59 2.43 0.00	31.13 2.20 0.00	30.81 1.93 0.00	30.93 1.85 0.00	28.21 1.76 0.00	30.12 1.87 0.00	33.70 2.27 0.00	36.20 2.62 0.00	35.54 2.86 0.00	36.22 3.08 -0.67	37.18 3.40 0.00	37.57 3.27 0.00	46.76 3.64 0.00	58.19 4.45 0.00	76.98 6.35 0.00	429.40 34.27 0.00	195.68 16.67 0.00	249.12 20.01 0.00	170.03 12.49 0.00	116.43 8.29 0.00	70.70 4.52 -4.06	69.89 3.03 -17.21	49.08 2.80 0.00	41.54 2.73 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.59 2.43 0.00	31.13 2.20 0.00	30.81 1.93 0.00	30.93 1.85 0.00	28.21 1.76 0.00	30.12 1.87 0.00	33.70 2.27 0.00	36.20 2.62 0.00	35.54 2.86 0.00	36.22 3.08 -0.67	37.18 3.40 0.00	37.57 3.27 0.00	46.76 3.64 0.00	58.19 4.45 0.00	76.98 6.35 0.00	429.40 34.27 0.00	195.68 16.67 0.00	249.12 20.01 0.00	170.03 12.49 0.00	116.43 8.29 0.00	70.70 4.52 -4.06	69.89 3.03 -17.21	49.08 2.80 0.00	41.56 2.75 0.00
ASTORIA_GT2_1 24094	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.55 2.74 0.00
ASTORIA_GT2_2 24095	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.55 2.74 0.00
ASTORIA_GT2_3 24096	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.55 2.74 0.00
ASTORIA_GT2_4 24097	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.55 2.74 0.00
ASTORIA_GT3_1 24098	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.57 2.76 0.00
ASTORIA_GT3_2 24099	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.57 2.76 0.00
ASTORIA_GT3_3 24100	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.57 2.76 0.00
ASTORIA_GT3_4 24101	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.57 2.76 0.00
ASTORIA_GT4_1 24102	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.57 2.76 0.00
ASTORIA_GT4_2 24103	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.57 2.76 0.00
ASTORIA_GT4_3 24104	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.57 2.76 0.00

ASTORIA_GT4_4 24105	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.77 16.75 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.57 2.76 0.00
ASTORIA_GT_1 23523	32.68 2.52 0.00	31.22 2.29 0.00	30.91 2.03 0.00	31.02 1.94 0.00	28.30 1.84 0.00	30.21 1.96 0.00	33.80 2.37 0.00	36.30 2.73 0.00	35.67 2.99 0.00	36.33 3.19 -0.67	37.29 3.51 0.00	37.69 3.40 0.00	46.93 3.81 0.00	58.41 4.67 0.00	77.26 6.63 0.00	430.99 35.86 0.00	196.37 17.36 0.00	250.00 20.89 0.00	170.64 13.09 0.00	116.83 8.69 0.00	70.93 4.75 -4.06	70.08 3.22 -17.21	49.24 2.97 0.00	41.67 2.86 0.00
ASTORIA_GT_10 24110	32.67 2.51 0.00	31.20 2.27 0.00	30.87 1.99 0.00	30.99 1.92 0.00	28.24 1.79 0.00	30.21 1.96 0.00	33.79 2.35 0.00	36.33 2.76 0.00	35.69 3.01 0.00	37.22 3.29 -1.47	37.39 3.59 -0.02	37.73 3.44 0.00	46.96 3.84 0.00	58.44 4.70 0.00	77.25 6.62 0.00	431.84 36.71 0.00	196.40 17.39 0.00	249.83 20.72 0.00	170.51 12.96 0.00	116.67 8.53 0.00	70.79 4.61 -4.07	70.03 3.17 -17.22	49.18 2.90 0.00	41.52 2.72 0.00
ASTORIA_GT_11 24225	32.67 2.51 0.00	31.20 2.27 0.00	30.87 1.99 0.00	30.99 1.92 0.00	28.24 1.79 0.00	30.21 1.96 0.00	33.79 2.35 0.00	36.33 2.76 0.00	35.69 3.01 0.00	37.22 3.29 -1.47	37.39 3.59 -0.02	37.73 3.44 0.00	46.96 3.84 0.00	58.44 4.70 0.00	77.25 6.62 0.00	431.84 36.71 0.00	196.40 17.39 0.00	249.83 20.72 0.00	170.51 12.96 0.00	116.67 8.53 0.00	70.79 4.61 -4.07	70.03 3.17 -17.22	49.18 2.90 0.00	41.52 2.72 0.00
ASTORIA_GT_12 24226	32.67 2.51 0.00	31.20 2.27 0.00	30.87 1.99 0.00	30.99 1.92 0.00	28.24 1.79 0.00	30.21 1.96 0.00	33.79 2.35 0.00	36.33 2.76 0.00	35.69 3.01 0.00	37.22 3.29 -1.47	37.39 3.59 -0.02	37.73 3.44 0.00	46.96 3.84 0.00	58.44 4.70 0.00	77.25 6.62 0.00	431.84 36.71 0.00	196.40 17.39 0.00	249.83 20.72 0.00	170.51 12.96 0.00	116.67 8.53 0.00	70.79 4.61 -4.07	70.03 3.17 -17.22	49.18 2.90 0.00	41.52 2.72 0.00
ASTORIA_GT_13 24227	32.67 2.51 0.00	31.20 2.27 0.00	30.87 1.99 0.00	30.99 1.92 0.00	28.24 1.79 0.00	30.21 1.96 0.00	33.79 2.35 0.00	36.33 2.76 0.00	35.69 3.01 0.00	37.22 3.29 -1.47	37.39 3.59 -0.02	37.73 3.44 0.00	46.96 3.84 0.00	58.44 4.70 0.00	77.25 6.62 0.00	431.84 36.71 0.00	196.40 17.39 0.00	249.83 20.72 0.00	170.51 12.96 0.00	116.67 8.53 0.00	70.79 4.61 -4.07	70.03 3.17 -17.22	49.18 2.90 0.00	41.52 2.72 0.00
ASTORIA_GT_5 24106	32.68 2.52 0.00	31.22 2.29 0.00	30.91 2.03 0.00	31.02 1.94 0.00	28.29 1.84 0.00	30.21 1.96 0.00	33.80 2.37 0.00	36.31 2.73 0.00	35.67 2.99 0.00	36.33 3.19 -0.68	37.30 3.52 -0.01	37.69 3.40 0.00	46.93 3.80 0.00	58.41 4.67 0.00	77.26 6.63 0.00	431.00 35.87 0.00	196.34 17.33 0.00	250.00 20.89 0.00	170.64 13.09 0.00	116.84 8.69 0.00	70.93 4.75 -4.06	70.07 3.21 -17.21	49.24 2.97 0.00	41.67 2.86 0.00
ASTORIA_GT_7 24107	32.68 2.52 0.00	31.22 2.29 0.00	30.91 2.03 0.00	31.02 1.94 0.00	28.29 1.84 0.00	30.21 1.96 0.00	33.80 2.37 0.00	36.31 2.73 0.00	35.67 2.99 0.00	36.33 3.19 -0.68	37.30 3.52 -0.01	37.69 3.40 0.00	46.93 3.80 0.00	58.41 4.67 0.00	77.26 6.63 0.00	431.00 35.87 0.00	196.34 17.33 0.00	250.00 20.89 0.00	170.64 13.09 0.00	116.84 8.69 0.00	70.93 4.75 -4.06	70.07 3.21 -17.21	49.24 2.97 0.00	41.67 2.86 0.00
ASTORIA_GT_8 24108	32.68 2.52 0.00	31.22 2.29 0.00	30.91 2.03 0.00	31.02 1.94 0.00	28.29 1.84 0.00	30.21 1.96 0.00	33.80 2.37 0.00	36.31 2.73 0.00	35.67 2.99 0.00	36.33 3.19 -0.68	37.30 3.52 -0.01	37.69 3.40 0.00	46.93 3.80 0.00	58.41 4.67 0.00	77.26 6.63 0.00	431.00 35.87 0.00	196.34 17.33 0.00	250.00 20.89 0.00	170.64 13.09 0.00	116.84 8.69 0.00	70.93 4.75 -4.06	70.07 3.21 -17.21	49.24 2.97 0.00	41.67 2.86 0.00
ASTORIA___2 24149	32.61 2.44 0.00	31.16 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.28 0.00	36.21 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.67	37.19 3.41 0.00	37.58 3.29 0.00	46.78 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.66 0.00	195.78 16.77 0.00	249.30 20.19 0.00	170.14 12.60 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.92 3.07 -17.21	49.11 2.84 0.00	41.57 2.77 0.00
ASTORIA___3 23516	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.28 0.00	36.21 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.67	37.19 3.41 0.00	37.58 3.29 0.00	46.78 3.67 0.00	58.21 4.47 0.00	77.02 6.38 0.00	429.79 34.66 0.00	195.78 16.77 0.00	249.30 20.19 0.00	170.13 12.59 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.92 3.07 -17.21	49.11 2.84 0.00	41.56 2.75 0.00
ASTORIA___4 23517	32.61 2.44 0.00	31.15 2.22 0.00	30.84 1.96 0.00	30.95 1.87 0.00	28.24 1.78 0.00	30.14 1.89 0.00	33.72 2.29 0.00	36.22 2.64 0.00	35.57 2.89 0.00	36.24 3.09 -0.68	37.20 3.42 -0.01	37.58 3.29 0.00	46.79 3.67 0.00	58.22 4.48 0.00	77.02 6.38 0.00	429.79 34.65 0.00	195.75 16.74 0.00	249.30 20.19 0.00	170.13 12.59 0.00	116.49 8.35 0.00	70.74 4.56 -4.06	69.91 3.06 -17.21	49.10 2.83 0.00	41.56 2.75 0.00
ASTORIA___5 23518	32.68 2.51 0.00	31.20 2.27 0.00	30.87 1.98 0.00	30.99 1.92 0.00	28.24 1.79 0.00	30.20 1.95 0.00	33.78 2.35 0.00	36.33 2.76 0.00	35.69 3.01 0.00	37.22 3.28 -1.47	37.38 3.59 -0.02	37.74 3.44 0.00	46.95 3.83 0.00	58.44 4.70 0.00	77.25 6.62 0.00	431.83 36.69 0.00	196.41 17.40 0.00	249.85 20.73 0.00	170.51 12.96 0.00	116.67 8.52 0.00	70.79 4.61 -4.07	70.04 3.18 -17.22	49.17 2.90 0.00	41.52 2.72 0.00
AST_ENERGY_2_CC3 323677	32.57 2.41 0.00	31.11 2.18 0.00	30.76 1.88 0.00	30.90 1.82 0.00	28.15 1.69 0.00	30.11 1.86 0.00	33.65 2.21 0.00	36.20 2.62 0.00	35.52 2.85 0.00	36.27 3.13 -0.68	37.20 3.43 0.00	37.63 3.33 0.00	46.83 3.70 0.00	58.24 4.50 0.00	76.96 6.33 0.00	430.89 35.76 0.00	195.92 16.91 0.00	249.35 20.24 0.00	170.29 12.75 0.00	116.45 8.30 0.00	70.59 4.41 -4.07	69.92 3.05 -17.22	49.06 2.79 0.00	41.40 2.60 0.00
AST_ENERGY_2_CC4 323678	32.57 2.41 0.00	31.11 2.18 0.00	30.76 1.88 0.00	30.90 1.82 0.00	28.15 1.69 0.00	30.11 1.86 0.00	33.65 2.21 0.00	36.20 2.62 0.00	35.52 2.85 0.00	36.27 3.13 -0.68	37.20 3.43 0.00	37.63 3.33 0.00	46.83 3.70 0.00	58.24 4.50 0.00	76.96 6.33 0.00	430.89 35.76 0.00	195.92 16.91 0.00	249.35 20.24 0.00	170.29 12.75 0.00	116.45 8.30 0.00	70.59 4.41 -4.07	69.92 3.05 -17.22	49.06 2.79 0.00	41.40 2.60 0.00

ATHENS_STG_1 23668	31.37 1.20 0.00	30.06 1.13 0.00	29.92 1.04 0.00	30.09 1.01 0.00	27.40 0.94 0.00	29.23 0.98 0.00	32.50 1.07 0.00	34.74 1.17 0.00	33.91 1.24 0.00	34.00 1.39 -0.14	35.28 1.51 0.00	35.77 1.47 0.00	44.71 1.59 0.00	55.72 1.98 0.00	73.47 2.84 0.00	410.53 15.40 0.00	186.41 7.39 0.00	238.59 9.48 0.00	163.74 6.20 0.00	112.20 4.06 0.00	67.49 2.21 -3.17	64.63 1.57 -13.41	47.76 1.49 0.00	40.12 1.32 0.00
ATHENS_STG_2 23670	31.37 1.20 0.00	30.06 1.13 0.00	29.92 1.04 0.00	30.09 1.01 0.00	27.40 0.94 0.00	29.23 0.98 0.00	32.50 1.07 0.00	34.74 1.17 0.00	33.91 1.24 0.00	34.00 1.39 -0.14	35.28 1.51 0.00	35.77 1.47 0.00	44.71 1.59 0.00	55.72 1.98 0.00	73.47 2.84 0.00	410.53 15.40 0.00	186.41 7.39 0.00	238.59 9.48 0.00	163.74 6.20 0.00	112.20 4.06 0.00	67.49 2.21 -3.17	64.63 1.57 -13.41	47.76 1.49 0.00	40.12 1.32 0.00
ATHENS_STG_3 23677	31.37 1.20 0.00	30.06 1.13 0.00	29.92 1.04 0.00	30.09 1.01 0.00	27.40 0.94 0.00	29.23 0.98 0.00	32.50 1.07 0.00	34.74 1.17 0.00	33.91 1.24 0.00	34.00 1.39 -0.14	35.28 1.51 0.00	35.77 1.47 0.00	44.71 1.59 0.00	55.72 1.98 0.00	73.47 2.84 0.00	410.53 15.40 0.00	186.41 7.39 0.00	238.59 9.48 0.00	163.74 6.20 0.00	112.20 4.06 0.00	67.49 2.21 -3.17	64.63 1.57 -13.41	47.76 1.49 0.00	40.12 1.32 0.00
AUBURN___LFGE 323710	30.41 0.24 0.00	29.26 0.29 -0.03	29.02 0.14 0.00	29.16 0.08 0.00	26.57 0.11 0.00	28.45 0.19 0.00	31.82 0.28 -0.10	33.90 0.32 0.00	33.07 0.40 0.00	32.81 0.35 0.00	34.34 0.57 0.00	35.01 0.72 0.00	44.32 1.20 0.00	57.09 1.39 -1.96	77.48 1.38 -5.47	413.74 10.86 -7.75	190.13 4.51 -6.61	235.41 5.86 -0.44	168.21 3.97 -6.70	118.69 3.20 -7.34	69.90 1.99 -5.79	54.75 1.20 -3.91	48.45 0.96 -1.23	39.43 0.63 0.00
BABYLON_RES_REC 323704	35.31 2.91 -2.23	38.02 2.71 -6.37	38.23 2.45 -6.89	38.24 2.41 -6.75	37.94 2.22 -9.27	33.71 2.23 -3.22	37.94 2.49 -4.02	37.35 2.84 -0.93	38.77 2.97 -3.14	73.28 3.24 -37.57	49.46 3.52 -12.16	53.93 3.50 -16.14	67.41 4.07 -20.22	91.90 4.91 -33.25	94.80 6.80 -17.36	480.71 37.78 -47.80	355.22 18.32 -157.89	455.24 22.19 -203.94	253.85 13.94 -82.36	127.60 9.00 -10.46	82.65 4.90 -15.64	70.18 3.22 -17.32	70.99 3.23 -21.49	43.25 3.31 -1.13
BABYLON__69_KV_BK2 356345	35.70 3.31 -2.23	38.40 3.10 -6.37	38.60 2.83 -6.89	38.61 2.79 -6.74	38.28 2.55 -9.27	34.20 2.74 -3.22	38.60 3.15 -4.02	38.10 3.60 -0.93	39.60 3.78 -3.14	74.13 4.09 -37.57	56.43 4.43 -18.22	65.93 4.43 -27.20	91.03 5.24 -42.67	127.75 6.30 -67.71	110.51 8.63 -31.25	507.77 47.91 -64.72	342.25 22.71 -140.53	436.79 28.49 -179.19	255.58 18.22 -79.81	144.77 11.95 -24.67	106.45 6.56 -37.78	71.66 4.48 -17.53	71.70 4.17 -21.26	43.84 3.90 -1.13
BALL_HILL_WT_PWR 323825	29.78 -0.39 0.00	28.59 -0.34 0.00	28.17 -0.70 0.00	28.56 -0.52 0.00	25.87 -0.59 0.00	27.73 -0.52 0.00	31.07 -0.36 0.00	33.04 -0.54 0.00	32.43 -0.25 0.00	32.40 -0.07 0.00	34.17 0.39 0.00	35.09 0.79 0.00	45.00 1.88 0.00	55.26 1.52 0.00	71.54 0.92 0.00	414.38 8.99 -10.25	180.14 1.12 0.00	228.79 -0.35 -0.03	158.09 -0.16 -0.70	109.07 -0.24 -1.16	62.67 0.56 0.00	50.12 0.47 0.00	47.06 0.79 0.00	39.32 0.52 0.00
BARON_WINDS___WT_PWR 323822	30.13 -0.03 0.00	28.92 -0.02 -0.01	28.50 -0.38 0.00	28.88 -0.20 0.00	26.14 -0.32 0.00	28.02 -0.23 0.00	31.45 -0.01 -0.02	33.45 -0.13 0.00	32.82 0.14 0.00	32.75 0.28 0.00	34.35 0.58 0.00	35.10 0.80 0.00	44.70 1.57 0.00	55.50 1.28 -0.49	73.07 1.09 -1.35	408.68 11.64 -1.92	182.89 2.25 -1.63	230.96 1.74 -0.11	160.83 1.63 -1.66	110.96 1.00 -1.82	64.55 1.01 -1.43	51.22 0.61 -0.97	47.38 0.80 -0.30	39.27 0.46 0.00
BARRETT_IC_1 23704	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT_IC_10 23701	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT_IC_11 23702	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT_IC_12 23703	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT_IC_2 23705	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT_IC_3 23706	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT_IC_4 23707	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14

BARRETT_IC_5 23708	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT_IC_6 23709	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT_IC_7 23710	35.13 2.74 -2.23	37.86 2.56 -6.37	38.05 2.28 -6.89	38.04 2.22 -6.74	37.77 2.05 -9.27	33.73 2.26 -3.22	38.05 2.61 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.40 3.36 -37.57	46.63 3.64 -9.22	48.31 3.50 -10.51	56.33 3.88 -9.33	73.45 4.59 -15.13	82.66 6.30 -5.72	438.36 35.63 -7.60	223.37 17.07 -27.29	280.28 21.08 -30.09	182.49 13.23 -11.71	117.34 8.48 -0.71	72.07 4.86 -5.10	70.27 3.42 -17.21	97.21 3.36 -47.57	42.99 3.06 -1.13
BARRETT_IC_8 23711	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT_IC_9 23700	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT___1 23545	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BARRETT___2 23546	35.14 2.74 -2.24	37.87 2.56 -6.38	38.05 2.28 -6.89	38.05 2.22 -6.75	37.77 2.05 -9.27	33.73 2.26 -3.23	38.06 2.60 -4.02	37.46 2.95 -0.93	38.93 3.12 -3.14	73.41 3.36 -37.58	46.63 3.64 -9.22	48.31 3.50 -10.52	56.33 3.88 -9.33	73.46 4.59 -15.13	82.65 6.30 -5.72	438.39 35.66 -7.60	223.38 17.09 -27.29	280.32 21.11 -30.09	182.49 13.23 -11.71	117.33 8.47 -0.71	72.07 4.86 -5.10	70.28 3.42 -17.22	97.22 3.37 -47.58	43.00 3.06 -1.14
BATAVIA__115KV_TB1 55881	30.19 0.03 0.00	28.96 0.03 0.00	28.65 -0.23 0.00	28.97 -0.11 0.00	26.26 -0.20 0.00	28.15 -0.10 0.00	31.43 0.00 0.00	33.39 -0.19 0.00	32.57 -0.11 0.00	32.41 -0.05 0.00	34.13 0.35 0.00	35.12 0.82 0.00	45.09 1.97 0.00	55.58 1.84 0.00	72.16 1.54 0.00	423.24 10.09 -18.02	181.67 2.66 0.00	232.00 2.34 -0.55	174.62 2.51 -14.56	134.34 2.10 -24.09	63.93 1.81 -0.01	51.17 1.53 0.00	47.85 1.58 0.00	39.97 1.16 0.00
BAYONEEC___CTG1 323682	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00
BAYONEEC___CTG10 323750	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00
BAYONEEC___CTG2 323683	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00
BAYONEEC___CTG3 323684	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00
BAYONEEC___CTG4 323685	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00
BAYONEEC___CTG5 323686	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00
BAYONEEC___CTG6 323687	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00

BAYONEEC___CTG7 323688	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00
BAYONEEC___CTG8 323689	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00
BAYONEEC___CTG9 323749	32.62 2.46 0.00	31.16 2.23 0.00	30.81 1.93 0.00	30.94 1.87 0.00	28.18 1.73 0.00	30.16 1.91 0.00	33.69 2.26 0.00	36.25 2.68 0.00	35.58 2.91 0.00	36.34 3.20 -0.68	37.27 3.50 0.00	37.71 3.41 0.00	46.93 3.81 0.00	58.34 4.60 0.00	77.06 6.43 0.00	431.36 36.22 0.00	196.15 17.14 0.00	249.75 20.64 0.00	170.48 12.93 0.00	113.76 8.43 2.82	70.70 4.52 -4.07	70.00 3.14 -17.22	49.16 2.89 0.00	41.49 2.68 0.00
BEACON___LESR 323632	31.40 1.23 0.00	30.03 1.10 0.00	29.90 1.02 0.00	30.03 0.95 0.00	27.39 0.93 0.00	29.22 0.97 0.00	32.55 1.12 0.00	34.77 1.19 0.00	33.79 1.12 0.00	33.80 1.22 -0.11	34.97 1.19 0.00	35.46 1.16 0.00	44.33 1.21 0.00	55.37 1.63 0.00	73.09 2.46 0.00	407.83 12.69 0.00	185.37 6.36 0.00	238.26 9.15 0.00	163.97 6.43 0.00	112.39 4.24 0.00	88.83 2.33 -24.39	154.84 1.91 -103.29	47.97 1.70 0.00	40.21 1.41 0.00
BEAVER RIVER___HYD 24048	30.49 0.33 0.00	29.18 0.23 -0.02	29.08 0.21 0.00	29.26 0.18 0.00	26.64 0.18 0.00	28.46 0.21 0.00	31.85 0.36 -0.06	33.90 0.32 0.00	32.91 0.24 0.00	32.65 0.18 0.00	33.83 0.05 0.00	34.38 0.08 0.00	43.36 0.24 0.00	55.54 0.55 -1.24	74.37 0.28 -3.46	398.46 -1.58 -4.91	183.18 -0.01 -4.19	230.24 0.85 -0.28	163.81 2.03 -4.24	115.68 2.89 -4.65	68.04 2.26 -3.67	54.19 2.07 -2.48	48.54 1.50 -0.77	39.64 0.84 0.00
BEEBEE_GT_13 23619	29.92 -0.25 0.00	28.70 -0.23 0.00	28.44 -0.44 0.00	28.72 -0.36 0.00	26.07 -0.39 0.00	27.91 -0.34 0.00	31.12 -0.31 0.00	33.20 -0.37 0.00	32.43 -0.24 0.00	32.36 -0.11 0.00	34.01 0.24 0.00	34.90 0.60 0.00	44.55 1.43 0.00	55.11 1.37 0.00	71.75 1.12 0.00	402.58 7.44 0.00	181.07 2.06 0.00	230.90 1.73 -0.06	160.66 1.60 -1.51	111.75 1.10 -2.51	62.90 0.79 0.00	50.32 0.68 0.00	47.03 0.76 0.00	39.31 0.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.07 2.91 0.00	31.56 2.63 0.00	31.19 2.30 0.00	31.30 2.23 0.00	28.52 2.06 0.00	30.50 2.25 0.00	34.13 2.69 0.00	36.71 3.13 0.00	36.11 3.43 0.00	37.65 3.72 -1.47	37.88 4.09 -0.02	38.26 3.97 0.00	47.69 4.57 0.00	59.30 5.56 0.00	78.38 7.74 0.00	437.42 42.29 0.00	198.98 19.97 0.00	252.53 23.42 0.00	172.34 14.80 0.00	118.17 9.87 -0.15	72.11 5.50 -4.49	129.45 3.88 -75.92	49.79 3.53 0.00	42.05 3.25 0.00
BETHLEHEM___GRP 23843	30.86 0.69 0.00	29.57 0.64 0.00	29.47 0.59 0.00	29.62 0.54 0.00	27.01 0.55 0.00	28.82 0.57 0.00	31.96 0.52 0.00	34.15 0.57 0.00	33.20 0.53 0.00	33.20 0.63 -0.11	34.39 0.62 0.00	34.84 0.54 0.00	43.49 0.37 0.00	54.34 0.60 0.00	71.71 1.08 0.00	400.34 5.20 0.00	181.78 2.77 0.00	233.29 4.18 0.00	160.37 2.83 0.00	110.06 1.91 0.00	87.04 1.05 -23.88	151.75 0.96 -101.14	47.20 0.94 0.00	39.61 0.80 0.00
BETHLEHEM___GS1 323560	30.86 0.69 0.00	29.57 0.64 0.00	29.47 0.59 0.00	29.62 0.54 0.00	27.01 0.55 0.00	28.82 0.57 0.00	31.96 0.52 0.00	34.15 0.57 0.00	33.20 0.53 0.00	33.20 0.63 -0.11	34.39 0.61 0.00	34.84 0.54 0.00	43.49 0.37 0.00	54.33 0.60 0.00	71.71 1.08 0.00	400.33 5.19 0.00	181.80 2.79 0.00	233.29 4.17 0.00	160.37 2.83 0.00	110.06 1.91 0.00	87.04 1.05 -23.88	151.75 0.97 -101.14	47.20 0.94 0.00	39.61 0.81 0.00
BETHLEHEM___GS2 323561	30.86 0.69 0.00	29.57 0.64 0.00	29.47 0.59 0.00	29.62 0.54 0.00	27.01 0.55 0.00	28.82 0.57 0.00	31.96 0.52 0.00	34.15 0.57 0.00	33.20 0.53 0.00	33.20 0.63 -0.11	34.39 0.61 0.00	34.84 0.54 0.00	43.49 0.37 0.00	54.33 0.60 0.00	71.71 1.08 0.00	400.33 5.19 0.00	181.80 2.79 0.00	233.29 4.17 0.00	160.37 2.83 0.00	110.06 1.91 0.00	87.04 1.05 -23.88	151.75 0.97 -101.14	47.20 0.94 0.00	39.61 0.81 0.00
BETHLEHEM___GS3 323562	30.86 0.69 0.00	29.57 0.64 0.00	29.47 0.59 0.00	29.62 0.54 0.00	27.01 0.55 0.00	28.82 0.57 0.00	31.96 0.52 0.00	34.15 0.57 0.00	33.20 0.53 0.00	33.20 0.63 -0.11	34.39 0.61 0.00	34.84 0.54 0.00	43.49 0.37 0.00	54.33 0.60 0.00	71.71 1.08 0.00	400.33 5.19 0.00	181.80 2.79 0.00	233.29 4.17 0.00	160.37 2.83 0.00	110.06 1.91 0.00	87.04 1.05 -23.88	151.75 0.97 -101.14	47.20 0.94 0.00	39.61 0.81 0.00
BETHLEHEM___STEEL 23779	29.64 -0.52 0.00	28.47 -0.46 0.00	28.12 -0.76 0.00	28.49 -0.59 0.00	25.79 -0.67 0.00	27.63 -0.62 0.00	30.86 -0.57 0.00	32.79 -0.79 0.00	32.11 -0.56 0.00	32.08 -0.38 0.00	33.83 0.05 0.00	34.78 0.48 0.00	44.67 1.55 0.00	54.87 1.13 0.00	71.06 0.43 0.00	417.73 4.87 -17.73	179.00 -0.01 0.00	227.34 -1.83 -0.05	157.64 -1.12 -1.22	109.25 -0.90 -2.01	62.29 0.17 0.00	49.83 0.19 0.00	46.77 0.50 0.00	39.15 0.35 0.00
BETHLHEM_115KV_TB1 79974	30.93 0.76 0.00	29.64 0.71 0.00	29.54 0.66 0.00	29.69 0.61 0.00	27.07 0.61 0.00	28.89 0.64 0.00	32.03 0.60 0.00	34.23 0.65 0.00	33.29 0.62 0.00	33.29 0.71 -0.11	34.48 0.70 0.00	34.93 0.64 0.00	43.62 0.50 0.00	54.49 0.75 0.00	71.86 1.23 0.00	401.48 6.34 0.00	182.19 3.18 0.00	233.78 4.67 0.00	160.74 3.20 0.00	110.28 2.14 0.00	86.05 1.18 -22.75	147.02 1.03 -96.34	47.27 1.00 0.00	39.68 0.88 0.00
BETHPAGE_CC_5 323564	35.16 2.77 -2.23	37.89 2.58 -6.37	38.08 2.31 -6.89	38.11 2.27 -6.75	37.82 2.09 -9.27	33.74 2.27 -3.22	38.07 2.62 -4.02	37.52 3.01 -0.93	39.02 3.21 -3.14	73.53 3.49 -37.57	47.62 3.72 -10.12	50.46 3.66 -12.50	60.07 4.30 -12.65	80.99 5.22 -22.03	91.88 7.14 -14.10	487.13 39.99 -52.01	402.67 19.05 -204.60	519.61 23.76 -266.74	277.19 14.94 -104.70	124.65 9.65 -6.85	75.45 5.23 -8.11	70.41 3.52 -17.24	71.84 3.30 -22.27	43.00 3.07 -1.13
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.73 -0.44 0.00	28.54 -0.39 0.00	28.18 -0.70 0.00	28.53 -0.55 0.00	25.84 -0.61 0.00	27.69 -0.56 0.00	30.93 -0.50 0.00	32.89 -0.69 0.00	32.23 -0.44 0.00	32.20 -0.27 0.00	33.96 0.19 0.00	34.92 0.63 0.00	44.85 1.73 0.00	55.12 1.38 0.00	71.42 0.79 0.00	418.91 6.85 -16.92	179.97 0.96 0.00	228.60 -0.56 -0.05	158.37 -0.33 -1.16	109.69 -0.37 -1.91	62.60 0.48 0.00	50.04 0.40 0.00	46.93 0.66 0.00	39.28 0.48 0.00

BINGHAMTON___COGEN 23790	30.52 0.35 0.00	29.28 0.33 -0.01	29.01 0.13 0.00	29.29 0.20 0.00	26.60 0.14 0.00	28.45 0.20 0.00	31.85 0.37 -0.05	34.02 0.44 0.00	33.27 0.59 0.00	33.15 0.69 0.00	34.60 0.83 0.00	35.22 0.92 0.00	44.52 1.40 0.00	56.09 1.44 -0.91	74.96 1.81 -2.52	412.48 13.77 -3.57	186.72 4.67 -3.05	234.70 5.38 -0.20	164.52 3.89 -3.09	113.97 2.43 -3.39	68.03 1.52 -4.40	59.76 0.97 -9.15	47.80 0.96 -0.56	39.47 0.67 0.00
BIXINCNT_115KV_LOAD 355685	29.98 -0.19 0.00	28.78 -0.15 0.00	28.36 -0.52 0.00	28.60 -0.48 0.00	25.94 -0.52 0.00	27.75 -0.50 0.00	31.12 -0.31 0.00	33.32 -0.25 0.00	32.75 0.08 0.00	32.70 0.23 0.00	34.40 0.63 0.00	35.29 0.99 0.00	45.16 2.04 0.00	55.45 1.71 0.00	72.04 1.41 0.00	418.24 9.63 -13.48	181.59 2.57 0.00	230.59 1.44 -0.04	159.36 0.89 -0.93	110.13 0.46 -1.52	63.15 1.03 0.00	50.35 0.71 0.00	47.24 0.97 0.00	39.57 0.76 0.00
BLACK RIVER___HYD 24047	30.68 0.52 0.00	29.36 0.40 -0.03	29.22 0.34 0.00	29.43 0.35 0.00	26.79 0.34 0.00	28.62 0.37 0.00	32.12 0.59 -0.10	34.12 0.54 0.00	33.15 0.48 0.00	32.92 0.45 0.00	34.06 0.29 0.00	34.61 0.32 0.00	43.66 0.54 0.00	56.80 0.94 -2.12	77.38 0.85 -5.91	404.58 1.08 -8.37	187.29 1.14 -7.14	232.08 2.49 -0.48	167.84 3.06 -7.23	119.80 3.72 -7.93	71.28 2.91 -6.25	56.60 2.74 -4.22	49.61 2.02 -1.32	39.94 1.14 0.00
BLACKRVR_115KV_TB2 79977	30.68 0.52 0.00	29.36 0.40 -0.03	29.22 0.34 0.00	29.43 0.35 0.00	26.79 0.34 0.00	28.62 0.37 0.00	32.12 0.59 -0.10	34.12 0.54 0.00	33.15 0.48 0.00	32.92 0.46 0.00	34.06 0.29 0.00	34.61 0.32 0.00	43.66 0.54 0.00	56.80 0.94 -2.12	77.38 0.85 -5.91	404.58 1.08 -8.37	187.29 1.14 -7.14	232.10 2.51 -0.48	167.84 3.06 -7.23	119.80 3.72 -7.93	71.28 2.91 -6.25	56.60 2.74 -4.22	49.61 2.02 -1.32	39.94 1.14 0.00
BLISS_WT_PWR 323608	29.98 -0.18 0.00	28.78 -0.15 0.00	28.36 -0.52 0.00	28.56 -0.52 0.00	25.91 -0.55 0.00	27.70 -0.55 0.00	31.09 -0.35 0.00	33.32 -0.25 0.00	32.77 0.09 0.00	32.71 0.25 0.00	34.43 0.65 0.00	35.32 1.02 0.00	45.19 2.07 0.00	55.48 1.74 0.00	72.09 1.46 0.00	418.60 9.99 -13.48	181.61 2.60 0.00	230.68 1.53 -0.04	159.38 0.91 -0.93	110.16 0.49 -1.52	63.18 1.06 0.00	50.34 0.69 0.00	47.24 0.97 0.00	39.57 0.77 0.00
BLUESTONE___WT_PWR 323821	31.82 1.65 0.00	30.51 1.57 -0.01	30.41 1.53 0.00	30.70 1.62 0.00	27.91 1.45 0.00	29.85 1.60 0.00	33.15 1.68 -0.04	35.55 1.98 0.00	34.67 2.00 0.00	34.67 2.20 0.00	36.19 2.42 0.00	36.78 2.48 0.00	46.65 3.53 0.00	58.78 4.27 -0.78	78.35 5.56 -2.16	432.34 34.14 -3.06	196.32 14.70 -2.61	249.16 19.87 -0.17	174.62 14.43 -2.65	120.57 9.52 -2.90	73.28 5.56 -5.61	69.20 3.94 -15.62	50.26 3.51 -0.48	41.39 2.59 0.00
BLUE_CIRC_CHEM_DRP 24182	31.20 1.03 0.00	29.92 0.99 0.00	29.85 0.97 0.00	30.03 0.94 0.00	27.37 0.91 0.00	29.20 0.95 0.00	32.35 0.91 0.00	34.44 0.87 0.00	33.39 0.72 0.00	33.28 0.71 -0.10	34.34 0.56 0.00	34.39 0.09 0.00	42.73 -0.39 0.00	53.39 -0.35 0.00	70.41 -0.22 0.00	393.85 -1.29 0.00	178.83 -0.18 0.00	229.68 0.57 0.00	158.29 0.74 0.00	108.80 0.66 0.00	80.40 0.46 -17.83	125.54 0.40 -75.50	47.04 0.76 0.00	40.02 1.22 0.00
BOC_GAS_DRP 24189	31.04 0.88 0.00	29.76 0.83 0.00	29.67 0.80 0.00	29.84 0.76 0.00	27.19 0.73 0.00	29.01 0.75 0.00	32.19 0.76 0.00	34.38 0.80 0.00	33.47 0.80 0.00	33.46 0.88 -0.11	34.68 0.90 0.00	35.12 0.82 0.00	43.89 0.77 0.00	54.77 1.03 0.00	72.18 1.55 0.00	403.09 7.95 0.00	182.90 3.89 0.00	234.41 5.30 0.00	161.15 3.60 0.00	110.52 2.37 0.00	79.90 1.32 -16.46	120.39 1.02 -69.72	47.30 1.03 0.00	39.78 0.97 0.00
BOONVILLE_115KV_TB1 79983	30.95 0.78 0.00	29.61 0.67 -0.01	29.48 0.60 0.00	29.68 0.60 0.00	27.01 0.56 0.00	28.89 0.64 0.00	32.26 0.80 -0.03	34.43 0.85 0.00	33.50 0.83 0.00	33.31 0.84 0.00	34.63 0.86 0.00	35.20 0.90 0.00	44.34 1.23 0.00	55.98 1.67 -0.57	74.28 2.05 -1.60	407.94 10.54 -2.27	186.11 5.17 -1.94	236.53 7.29 -0.13	165.47 5.97 -1.96	115.12 4.82 -2.15	66.80 2.99 -1.69	53.20 2.42 -1.15	48.63 2.01 -0.36	40.21 1.41 0.00
BORALEX_4TH_BRANCH 23824	32.10 1.93 0.00	30.82 1.89 0.00	30.66 1.78 0.00	30.82 1.74 0.00	28.12 1.67 0.00	30.05 1.80 0.00	33.14 1.70 0.00	35.36 1.78 0.00	34.28 1.61 0.00	34.26 1.67 -0.13	35.47 1.69 0.00	36.03 1.74 0.00	44.91 1.79 0.00	56.34 2.60 0.00	74.62 3.99 0.00	416.69 21.55 0.00	187.86 8.85 0.00	242.44 13.33 0.00	167.09 9.55 0.00	114.74 6.59 0.00	98.82 3.96 -32.74	191.39 3.08 -138.66	49.07 2.80 0.00	41.11 2.30 0.00
BOWLINE___1 23526	32.07 1.90 0.00	30.72 1.79 0.00	30.40 1.52 0.00	30.55 1.48 0.00	27.83 1.38 0.00	29.75 1.50 0.00	33.15 1.72 0.00	35.60 2.02 0.00	34.88 2.20 0.00	33.83 2.43 1.07	36.46 2.69 0.00	36.90 2.60 0.00	46.07 2.95 0.00	57.42 3.68 0.00	75.83 5.20 0.00	426.69 31.56 0.00	194.33 15.32 0.00	247.66 18.55 0.00	169.23 11.69 0.00	115.63 7.49 0.00	70.04 4.02 -3.90	68.96 2.82 -16.50	48.82 2.55 0.00	41.06 2.25 0.00
BOWLINE___2 23595	32.12 1.95 0.00	30.74 1.81 0.00	30.41 1.53 0.00	30.57 1.49 0.00	27.83 1.38 0.00	29.75 1.50 0.00	33.17 1.74 0.00	35.65 2.07 0.00	34.93 2.26 0.00	33.88 2.47 1.07	36.49 2.71 0.00	36.91 2.61 0.00	46.08 2.96 0.00	57.45 3.71 0.00	75.85 5.22 0.00	426.72 31.58 0.00	194.32 15.31 0.00	247.56 18.45 0.00	169.06 11.52 0.00	115.49 7.34 0.00	69.95 3.94 -3.90	68.89 2.75 -16.50	48.75 2.48 0.00	41.00 2.20 0.00
BRADY___115KV_TB2 356060	29.62 -0.55 0.00	28.46 -0.47 0.00	28.62 -0.26 0.00	28.81 -0.27 0.00	26.19 -0.27 0.00	27.97 -0.28 0.00	31.12 -0.31 0.00	33.08 -0.50 0.00	31.86 -0.81 0.00	31.41 -1.05 0.00	32.53 -1.24 0.00	33.00 -1.30 0.00	41.66 -1.46 0.00	52.04 -1.70 0.00	68.02 -2.61 0.00	379.42 -15.71 0.00	171.87 -7.14 0.00	220.07 -9.04 0.00	151.68 -5.87 0.00	105.17 -2.97 0.00	60.83 -1.29 0.00	49.04 -0.61 0.00	45.62 -0.65 0.00	38.22 -0.58 0.00
BRANSCOMB___SOLAR 323811	32.05 1.88 0.00	30.64 1.71 0.00	30.48 1.60 0.00	30.64 1.56 0.00	27.93 1.48 0.00	29.88 1.63 0.00	33.14 1.71 0.00	35.33 1.75 0.00	34.25 1.58 0.00	34.18 1.61 -0.11	35.38 1.60 0.00	36.01 1.72 0.00	45.06 1.95 0.00	56.39 2.65 0.00	74.65 4.02 0.00	417.56 22.43 0.00	189.52 10.50 0.00	244.35 15.24 0.00	168.99 11.45 0.00	116.18 8.03 0.00	110.25 4.72 -43.41	236.87 3.38 -183.84	49.31 3.04 0.00	41.30 2.50 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	35.42 3.03 -2.23	38.18 2.88 -6.37	38.43 2.66 -6.89	38.44 2.62 -6.74	38.12 2.40 -9.27	34.06 2.59 -3.22	38.42 2.97 -4.02	37.89 3.38 -0.93	39.35 3.55 -3.14	73.83 3.80 -37.57	56.16 4.06 -18.33	65.58 3.99 -27.29	90.68 4.49 -43.07	127.02 5.40 -67.88	107.73 7.43 -29.67	488.90 40.76 -53.01	292.29 19.46 -93.81	370.61 24.34 -117.15	227.92 15.39 -54.99	141.15 10.11 -22.90	105.92 5.56 -38.24	70.85 3.66 -17.54	70.20 3.48 -20.45	43.43 3.49 -1.14

BRISTLHL_115KV_TB1 79998	29.74 -0.42 0.00	28.56 -0.44 -0.07	28.33 -0.55 0.00	28.53 -0.55 0.00	25.95 -0.51 0.00	27.73 -0.52 0.00	31.19 -0.47 -0.22	33.12 -0.46 0.00	32.26 -0.42 0.00	32.07 -0.40 0.00	33.45 -0.33 0.00	34.03 -0.27 0.00	42.94 -0.18 0.00	58.19 -0.26 -4.71	83.43 -0.31 -13.11	412.65 -1.07 -18.59	194.01 -0.85 -15.85	229.17 -0.99 -1.06	173.14 -0.47 -16.06	125.43 -0.33 -17.61	75.87 -0.13 -13.88	58.82 -0.20 -9.38	48.92 -0.29 -2.94	38.45 -0.35 0.00
BROOKHAVEN___DRP 24191	35.42 3.03 -2.23	38.15 2.85 -6.37	38.35 2.59 -6.89	38.35 2.53 -6.74	38.04 2.31 -9.27	33.98 2.51 -3.22	38.37 2.92 -4.02	37.84 3.34 -0.93	39.36 3.55 -3.14	73.82 3.79 -37.57	90.13 4.15 -52.21	127.78 4.15 -89.34	216.58 4.91 -168.56	320.93 5.85 -261.34	188.94 7.91 -110.39	607.32 43.65 -168.53	287.27 20.68 -87.58	355.20 25.95 -100.13	261.73 16.46 -87.72	223.20 10.88 -104.18	230.09 6.19 -161.79	72.53 4.13 -18.76	70.24 3.73 -20.24	43.36 3.42 -1.13
BROOKLYN_NAVY_YARD 23515	32.62 2.45 0.00	31.14 2.21 0.00	30.80 1.92 0.00	30.93 1.85 0.00	28.17 1.71 0.00	30.15 1.90 0.00	33.67 2.24 0.00	36.27 2.70 0.00	35.61 2.93 0.00	36.36 3.21 -0.68	37.34 3.57 0.00	37.77 3.48 0.00	46.99 3.87 0.00	58.48 4.74 0.00	77.25 6.62 0.00	432.46 37.33 0.00	196.69 17.68 0.00	250.45 21.34 0.00	170.85 13.31 0.00	116.83 8.68 0.00	70.82 4.63 -4.07	70.10 3.24 -17.22	49.21 2.94 0.00	41.54 2.74 0.00
BROOKLYN___ARMY_DRP 323595	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.13 21.02 0.00	170.77 13.22 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
BROOKVLE_69_KV_TB1 55790	35.50 3.11 -2.23	38.17 2.87 -6.37	38.33 2.56 -6.89	38.32 2.50 -6.74	38.03 2.30 -9.27	33.98 2.51 -3.22	38.39 2.94 -4.02	37.91 3.40 -0.93	39.45 3.64 -3.14	74.00 3.96 -37.57	47.61 4.31 -9.52	50.97 4.25 -12.42	58.49 4.98 -10.39	82.86 6.09 -23.03	108.32 8.29 -29.40	601.09 47.12 -158.83	871.36 22.33 -670.02	1145.29 27.70 -888.48	520.96 17.63 -345.79	135.99 11.34 -16.50	73.42 6.20 -5.10	71.14 4.28 -17.21	75.10 3.91 -24.92	43.55 3.62 -1.13
BROOME_2_LFGE 323671	30.51 0.35 0.00	29.28 0.33 -0.01	29.01 0.13 0.00	29.29 0.21 0.00	26.60 0.14 0.00	28.45 0.20 0.00	31.85 0.37 -0.05	34.02 0.44 0.00	33.27 0.59 0.00	33.15 0.68 0.00	34.60 0.82 0.00	35.22 0.92 0.00	44.52 1.40 0.00	56.09 1.44 -0.91	74.96 1.81 -2.52	412.47 13.76 -3.57	186.72 4.66 -3.05	234.76 5.44 -0.20	164.52 3.88 -3.09	113.96 2.43 -3.39	68.03 1.51 -4.40	59.75 0.96 -9.15	47.80 0.96 -0.56	39.47 0.66 0.00
BROOME___LFGE 323600	30.51 0.35 0.00	29.28 0.33 -0.01	29.01 0.13 0.00	29.29 0.21 0.00	26.60 0.14 0.00	28.45 0.20 0.00	31.85 0.37 -0.05	34.02 0.44 0.00	33.27 0.59 0.00	33.15 0.68 0.00	34.60 0.82 0.00	35.22 0.92 0.00	44.52 1.40 0.00	56.09 1.44 -0.91	74.96 1.81 -2.52	412.47 13.76 -3.57	186.72 4.66 -3.05	234.76 5.44 -0.20	164.52 3.88 -3.09	113.96 2.43 -3.39	68.03 1.51 -4.40	59.75 0.96 -9.15	47.80 0.96 -0.56	39.47 0.66 0.00
BROWNFLS_115KV_TB_3_5 80003	29.87 -0.30 0.00	28.62 -0.33 -0.01	28.58 -0.30 0.00	28.73 -0.35 0.00	26.14 -0.32 0.00	27.92 -0.33 0.00	31.16 -0.31 -0.04	33.19 -0.39 0.00	32.18 -0.49 0.00	31.88 -0.59 0.00	33.07 -0.71 0.00	33.60 -0.69 0.00	42.38 -0.74 0.00	53.83 -0.76 -0.85	71.56 -1.44 -2.37	387.99 -10.50 -3.35	177.61 -4.26 -2.86	224.84 -4.46 -0.19	158.52 -1.92 -2.90	111.32 0.00 -3.18	65.17 0.55 -2.51	52.06 0.73 -1.69	47.07 0.27 -0.53	38.74 -0.06 0.00
BROWNSV1_27_KV_LOAD 356125	33.08 2.92 0.00	31.59 2.65 0.00	31.21 2.33 0.00	31.35 2.27 0.00	28.55 2.09 0.00	30.55 2.30 0.00	34.16 2.73 0.00	36.78 3.21 0.00	36.11 3.43 0.00	36.88 3.74 -0.68	37.87 4.10 0.00	38.34 4.04 0.00	47.76 4.64 0.00	59.39 5.65 0.00	78.44 7.81 0.00	439.56 44.43 0.00	199.74 20.73 0.00	254.34 25.23 0.00	173.60 16.05 0.00	118.72 10.57 0.00	71.87 5.69 -4.07	70.90 4.04 -17.22	49.98 3.71 0.00	42.12 3.32 0.00
BURROWS___LYONSDAL 23803	30.87 0.70 0.00	29.54 0.59 -0.01	29.41 0.53 0.00	29.60 0.53 0.00	26.94 0.49 0.00	28.81 0.56 0.00	32.20 0.73 -0.04	34.34 0.76 0.00	33.39 0.71 0.00	33.18 0.71 0.00	34.46 0.69 0.00	35.03 0.73 0.00	44.14 1.02 0.00	55.89 1.45 -0.71	74.26 1.66 -1.96	405.71 7.79 -2.78	185.43 4.05 -2.38	235.13 5.85 -0.16	165.12 5.17 -2.41	115.28 4.49 -2.64	67.09 2.89 -2.08	53.44 2.39 -1.41	48.64 1.93 -0.44	40.12 1.32 0.00
CAITHNESS_CC_1 323624	35.36 2.97 -2.23	38.11 2.80 -6.37	38.32 2.55 -6.89	38.33 2.50 -6.75	38.01 2.28 -9.27	33.96 2.48 -3.22	38.33 2.87 -4.02	37.79 3.28 -0.93	39.29 3.48 -3.14	73.76 3.72 -37.57	89.80 4.07 -51.96	127.22 4.04 -88.88	215.51 4.77 -167.62	319.33 5.70 -259.89	188.05 7.71 -109.71	604.93 42.45 -167.35	286.26 20.07 -87.17	353.97 25.13 -99.73	260.60 15.92 -87.14	222.03 10.52 -103.36	228.94 5.96 -160.87	72.36 3.97 -18.75	70.12 3.62 -20.23	43.27 3.34 -1.13
CALPINE BETH_PAGE_GT4 24209	35.17 2.77 -2.23	37.88 2.58 -6.37	38.07 2.30 -6.89	38.08 2.26 -6.74	37.80 2.08 -9.27	33.73 2.26 -3.22	38.07 2.62 -4.02	37.53 3.02 -0.93	39.03 3.22 -3.14	73.54 3.50 -37.57	47.42 3.69 -9.95	50.25 3.63 -12.32	59.42 4.27 -12.03	80.52 5.18 -21.60	93.42 7.10 -15.69	499.06 39.63 -64.30	457.44 18.95 -259.48	592.74 23.56 -340.06	305.48 14.90 -133.03	125.52 9.58 -7.78	74.71 5.19 -7.41	70.38 3.50 -17.23	72.67 3.25 -23.15	42.95 3.02 -1.13
CALPINE_BETH_PAGE_GT_4 323586	35.17 2.77 -2.23	37.88 2.58 -6.37	38.08 2.30 -6.89	38.09 2.26 -6.75	37.81 2.08 -9.27	33.73 2.26 -3.22	38.07 2.62 -4.02	37.53 3.02 -0.93	39.03 3.22 -3.14	73.54 3.50 -37.57	47.42 3.69 -9.95	50.25 3.63 -12.32	59.42 4.27 -12.03	80.52 5.18 -21.61	93.42 7.10 -15.69	499.07 39.64 -64.30	457.45 18.97 -259.48	592.77 23.60 -340.06	305.45 14.87 -133.03	125.51 9.57 -7.78	74.71 5.18 -7.41	70.39 3.50 -17.23	72.67 3.25 -23.15	42.95 3.02 -1.13
CALPINE_BP_GT1 23823	35.17 2.77 -2.23	37.88 2.58 -6.37	38.08 2.30 -6.89	38.09 2.26 -6.75	37.81 2.08 -9.27	33.73 2.26 -3.22	38.07 2.62 -4.02	37.53 3.02 -0.93	39.03 3.22 -3.14	73.54 3.50 -37.57	47.42 3.69 -9.95	50.25 3.63 -12.32	59.42 4.27 -12.03	80.52 5.18 -21.61	93.42 7.10 -15.69	499.07 39.64 -64.30	457.45 18.97 -259.48	592.77 23.60 -340.06	305.45 14.87 -133.03	125.51 9.57 -7.78	74.71 5.18 -7.41	70.39 3.50 -17.23	72.67 3.25 -23.15	42.95 3.02 -1.13
CALSPAN___DRP 24200	29.64 -0.52 0.00	28.47 -0.46 0.00	28.12 -0.76 0.00	28.49 -0.59 0.00	25.79 -0.67 0.00	27.63 -0.62 0.00	30.86 -0.57 0.00	32.79 -0.79 0.00	32.11 -0.56 0.00	32.08 -0.38 0.00	33.83 0.05 0.00	34.78 0.48 0.00	44.67 1.55 0.00	54.87 1.13 0.00	71.06 0.43 0.00	417.73 4.87 -17.73	179.00 -0.01 0.00	227.34 -1.83 -0.05	157.64 -1.12 -1.22	109.25 -0.90 -2.01	62.29 0.17 0.00	49.83 0.19 0.00	46.77 0.50 0.00	39.15 0.35 0.00

CALVERTON___SOLAR 323806	35.53 3.14 -2.23	38.25 2.95 -6.37	38.45 2.68 -6.89	38.44 2.61 -6.75	38.12 2.39 -9.27	34.07 2.60 -3.22	38.47 3.02 -4.02	37.96 3.45 -0.93	39.48 3.67 -3.14	73.93 3.89 -37.57	90.38 4.28 -52.32	128.13 4.30 -89.54	217.19 5.12 -168.95	321.81 6.12 -261.95	189.56 8.25 -110.68	610.10 45.96 -169.01	288.42 21.69 -87.72	356.65 27.27 -100.26	262.78 17.29 -87.95	224.07 11.42 -104.50	230.82 6.53 -162.18	72.77 4.36 -18.76	70.43 3.92 -20.24	43.52 3.58 -1.13
CANDIGU_WT_PWR 323617	30.13 -0.03 0.00	28.92 -0.02 -0.01	28.50 -0.38 0.00	28.88 -0.20 0.00	26.14 -0.32 0.00	28.02 -0.23 0.00	31.45 -0.01 -0.02	33.45 -0.13 0.00	32.82 0.14 0.00	32.75 0.28 0.00	34.35 0.58 0.00	35.10 0.80 0.00	44.70 1.57 0.00	55.50 1.28 -0.49	73.07 1.09 -1.35	408.68 11.64 -1.92	182.89 2.25 -1.63	230.96 1.74 -0.11	160.83 1.63 -1.66	110.96 1.00 -1.82	64.55 1.01 -1.43	51.22 0.61 -0.97	47.38 0.80 -0.30	39.27 0.46 0.00
CARR STREET_E_SYR 24060	30.01 -0.16 0.00	28.76 -0.19 -0.02	28.56 -0.32 0.00	28.77 -0.31 0.00	26.17 -0.29 0.00	27.96 -0.29 0.00	31.26 -0.24 -0.07	33.34 -0.24 0.00	32.54 -0.13 0.00	32.45 -0.02 0.00	33.85 0.08 0.00	34.50 0.20 0.00	43.56 0.44 0.00	55.47 0.47 -1.26	74.71 0.56 -3.51	404.52 4.41 -4.98	184.80 1.55 -4.25	231.25 1.85 -0.28	163.28 1.43 -4.30	113.54 0.67 -4.72	66.17 0.34 -3.72	52.29 0.13 -2.51	47.09 0.04 -0.79	38.72 -0.08 0.00
CARTHAGE___PAPER 23857	30.72 0.55 0.00	29.41 0.45 -0.03	29.30 0.42 0.00	29.50 0.42 0.00	26.86 0.40 0.00	28.69 0.44 0.00	32.16 0.64 -0.09	34.18 0.61 0.00	33.17 0.50 0.00	32.89 0.42 0.00	34.01 0.24 0.00	34.58 0.28 0.00	43.61 0.49 0.00	56.45 0.93 -1.78	76.40 0.81 -4.96	402.93 0.77 -7.03	186.02 1.01 -6.00	231.89 2.38 -0.40	166.72 3.10 -6.08	118.57 3.76 -6.66	70.21 2.84 -5.25	55.81 2.62 -3.55	49.35 1.97 -1.11	39.97 1.17 0.00
CASSADAGA_WT_PWR 323784	30.49 0.32 0.00	29.22 0.29 0.00	28.72 -0.16 0.00	29.13 0.05 0.00	26.34 -0.11 0.00	28.29 0.04 0.00	31.95 0.51 0.00	34.12 0.54 0.00	33.61 0.93 0.00	33.61 1.15 0.00	35.54 1.76 0.00	36.51 2.21 0.00	46.80 3.69 0.00	57.49 3.75 0.00	73.91 3.28 0.00	428.86 22.36 -11.37	185.68 6.66 0.00	235.95 6.80 -0.03	163.06 4.74 -0.78	112.44 3.01 -1.29	64.63 2.51 0.00	51.99 2.34 0.00	48.72 2.44 0.00	40.60 1.79 0.00
CE_DUNWOOD___DRP 24194	32.41 2.24 0.00	30.98 2.05 0.00	30.66 1.78 0.00	30.80 1.72 0.00	28.05 1.59 0.00	30.01 1.75 0.00	33.48 2.05 0.00	35.99 2.41 0.00	35.27 2.59 0.00	36.03 2.84 -0.72	36.89 3.12 0.00	37.35 3.06 0.00	46.59 3.47 0.00	58.02 4.28 0.00	76.63 6.00 0.00	429.65 34.51 0.00	195.42 16.41 0.00	249.11 20.00 0.00	170.25 12.70 0.00	116.40 8.25 0.00	70.63 4.46 -4.06	69.94 3.11 -17.18	49.11 2.84 0.00	41.33 2.53 0.00
CE_MILLWOOD___DRP 24193	32.32 2.15 0.00	30.90 1.97 0.00	30.58 1.70 0.00	30.73 1.65 0.00	27.98 1.53 0.00	29.93 1.68 0.00	33.40 1.97 0.00	35.88 2.30 0.00	35.15 2.48 0.00	35.95 2.73 -0.75	36.77 3.00 0.00	37.23 2.94 0.00	46.44 3.32 0.00	57.86 4.12 0.00	76.42 5.79 0.00	428.45 33.32 0.00	194.93 15.92 0.00	248.54 19.43 0.00	169.89 12.35 0.00	116.15 8.01 0.00	70.46 4.30 -4.04	69.76 3.02 -17.09	49.02 2.75 0.00	41.25 2.45 0.00
CE_NYC2_DRP 24202	32.70 2.54 0.00	31.23 2.30 0.00	30.88 2.00 0.00	31.02 1.94 0.00	28.26 1.80 0.00	30.24 1.99 0.00	33.81 2.38 0.00	36.36 2.78 0.00	35.72 3.05 0.00	37.25 3.32 -1.47	37.41 3.62 -0.02	37.76 3.47 0.00	47.00 3.88 0.00	58.49 4.75 0.00	77.31 6.68 0.00	432.24 37.11 0.00	196.53 17.52 0.00	249.94 20.83 0.00	170.58 13.04 0.00	116.72 8.58 0.00	70.81 4.63 -4.07	70.07 3.20 -17.22	49.18 2.91 0.00	41.53 2.72 0.00
CE_NYC_DRP 24195	32.66 2.50 0.00	31.20 2.27 0.00	30.84 1.96 0.00	30.98 1.90 0.00	28.22 1.76 0.00	30.20 1.94 0.00	33.75 2.32 0.00	36.32 2.74 0.00	35.65 2.97 0.00	36.41 3.26 -0.68	37.36 3.58 0.00	37.80 3.50 0.00	47.04 3.92 0.00	58.51 4.77 0.00	77.27 6.64 0.00	432.85 37.72 0.00	196.69 17.68 0.00	250.40 21.29 0.00	170.97 13.42 0.00	116.91 8.76 0.00	70.85 4.67 -4.07	70.11 3.25 -17.22	49.25 2.98 0.00	41.54 2.74 0.00
CHAFFEE___LFGE 323603	29.82 -0.35 0.00	28.62 -0.30 0.00	28.25 -0.63 0.00	28.62 -0.46 0.00	25.92 -0.53 0.00	27.79 -0.46 0.00	31.05 -0.38 0.00	32.99 -0.59 0.00	32.33 -0.34 0.00	32.30 -0.16 0.00	34.05 0.28 0.00	34.99 0.69 0.00	44.92 1.81 0.00	55.21 1.47 0.00	71.58 0.95 0.00	418.40 7.65 -15.62	180.37 1.35 0.00	229.21 0.06 -0.04	158.75 0.13 -1.07	109.92 0.01 -1.77	62.80 0.69 0.00	50.17 0.53 0.00	47.05 0.78 0.00	39.36 0.55 0.00
CHATEAUG_35_KV_LOAD 355732	29.72 -0.44 0.00	28.61 -0.32 0.00	28.82 -0.06 0.00	29.01 -0.07 0.00	26.38 -0.08 0.00	28.15 -0.10 0.00	31.30 -0.13 0.00	33.39 -0.18 0.00	32.28 -0.40 0.00	31.91 -0.56 0.00	33.08 -0.69 0.00	33.33 -0.97 0.00	41.95 -1.17 0.00	52.12 -1.62 0.00	68.23 -2.40 0.00	378.58 -16.55 0.00	171.35 -7.66 0.00	220.35 -8.76 0.00	151.71 -5.84 0.00	104.62 -3.52 0.00	60.30 -1.81 0.00	48.81 -0.83 0.00	45.77 -0.50 0.00	38.36 -0.44 0.00
CHATEAUG_WT_PWR 323614	29.77 -0.40 0.00	28.66 -0.27 0.00	28.84 -0.04 0.00	29.05 -0.04 0.00	26.43 -0.03 0.00	28.19 -0.06 0.00	31.36 -0.07 0.00	33.48 -0.10 0.00	32.41 -0.26 0.00	32.07 -0.39 0.00	33.23 -0.54 0.00	33.42 -0.87 0.00	42.03 -1.09 0.00	52.15 -1.59 0.00	68.22 -2.41 0.00	379.18 -15.95 0.00	171.39 -7.62 0.00	220.52 -8.59 0.00	151.71 -5.83 0.00	104.47 -3.67 0.00	60.15 -1.96 0.00	48.69 -0.95 0.00	45.81 -0.46 0.00	38.41 -0.39 0.00
CHAT_HIGH_FALL_HYD 323578	29.72 -0.44 0.00	28.61 -0.32 0.00	28.82 -0.06 0.00	29.01 -0.07 0.00	26.38 -0.08 0.00	28.15 -0.10 0.00	31.30 -0.13 0.00	33.39 -0.18 0.00	32.28 -0.40 0.00	31.91 -0.56 0.00	33.08 -0.69 0.00	33.33 -0.97 0.00	41.95 -1.17 0.00	52.12 -1.62 0.00	68.23 -2.40 0.00	378.58 -16.55 0.00	171.35 -7.66 0.00	220.35 -8.76 0.00	151.71 -5.84 0.00	104.62 -3.52 0.00	60.30 -1.81 0.00	48.81 -0.83 0.00	45.77 -0.50 0.00	38.36 -0.44 0.00
CHAUTAUQUA___LFGE 323629	30.11 -0.05 0.00	28.89 -0.04 0.00	28.41 -0.47 0.00	28.84 -0.24 0.00	26.08 -0.37 0.00	27.99 -0.26 0.00	31.49 0.05 0.00	33.51 -0.07 0.00	32.94 0.27 0.00	32.94 0.47 0.00	34.77 1.00 0.00	35.71 1.41 0.00	45.78 2.66 0.00	56.21 2.47 0.00	72.67 2.04 0.00	423.43 16.64 -11.66	182.88 3.87 0.00	232.29 3.15 -0.03	160.60 2.26 -0.80	110.82 1.36 -1.32	63.67 1.55 0.00	50.98 1.34 0.00	47.82 1.55 0.00	39.88 1.08 0.00
CHERRYST_13_KV_LD 356241	32.78 2.62 0.00	31.31 2.38 0.00	30.95 2.07 0.00	31.09 2.01 0.00	28.32 1.86 0.00	30.31 2.06 0.00	33.89 2.45 0.00	36.49 2.91 0.00	35.83 3.16 0.00	36.60 3.46 -0.68	37.57 3.80 0.00	38.01 3.72 0.00	47.32 4.20 0.00	58.83 5.09 0.00	77.72 7.08 0.00	435.23 40.10 0.00	197.78 18.77 0.00	251.71 22.60 0.00	171.81 14.26 0.00	117.44 9.30 0.00	71.15 4.97 -4.07	70.33 3.46 -17.22	49.45 3.18 0.00	41.69 2.89 0.00

CHESTROR_138KV_BK263 355645	31.93 1.76 0.00	30.54 1.61 0.00	30.26 1.38 0.00	30.42 1.34 0.00	27.69 1.23 0.00	29.61 1.35 0.00	33.00 1.57 0.00	35.43 1.85 0.00	34.67 1.99 0.00	34.01 2.20 0.66	36.21 2.44 0.00	36.67 2.37 0.00	45.84 2.72 0.00	57.15 3.41 0.00	75.42 4.79 0.00	422.88 27.75 0.00	192.42 13.41 0.00	245.69 16.58 0.00	168.26 10.72 0.00	115.11 6.96 0.00	69.55 3.76 -3.68	67.85 2.64 -15.57	48.68 2.41 0.00	40.89 2.08 0.00
CH_MIDHUDSON___DRP 24192	32.30 2.14 0.00	30.87 1.94 0.00	30.58 1.70 0.00	30.73 1.65 0.00	27.98 1.53 0.00	29.92 1.67 0.00	33.37 1.94 0.00	35.81 2.23 0.00	35.05 2.38 0.00	35.19 2.61 -0.12	36.64 2.87 0.00	37.14 2.84 0.00	46.41 3.29 0.00	57.90 4.15 0.00	76.47 5.84 0.00	428.46 33.32 0.00	194.94 15.93 0.00	249.13 20.01 0.00	170.62 13.08 0.00	116.70 8.55 0.00	71.09 4.61 -4.37	71.42 3.26 -18.52	49.24 2.97 0.00	41.33 2.53 0.00
CH_MISC_IPPS 23765	32.54 2.38 0.00	31.10 2.17 0.00	30.78 1.91 0.00	30.92 1.85 0.00	28.15 1.70 0.00	30.10 1.85 0.00	33.59 2.16 0.00	36.08 2.50 0.00	35.33 2.66 0.00	35.37 2.90 0.00	36.97 3.20 0.00	37.45 3.16 0.00	46.86 3.74 0.00	58.44 4.70 0.00	77.20 6.57 0.00	433.15 38.02 0.00	197.04 18.03 0.00	251.84 22.73 0.00	172.43 14.89 0.00	117.91 9.76 0.00	71.65 5.28 -4.26	71.44 3.77 -18.02	49.68 3.41 0.00	41.68 2.87 0.00
CH_RES_BVR_FALLS 23983	29.84 -0.33 0.00	28.66 -0.27 0.00	28.69 -0.19 0.00	28.90 -0.18 0.00	26.29 -0.16 0.00	28.07 -0.18 0.00	31.22 -0.21 0.00	33.34 -0.24 0.00	32.37 -0.30 0.00	32.03 -0.44 0.00	33.24 -0.54 0.00	33.69 -0.61 0.00	42.34 -0.78 0.00	52.62 -1.12 0.00	69.03 -1.60 0.00	385.10 -10.04 0.00	174.55 -4.46 0.00	223.44 -5.67 0.00	153.74 -3.80 0.00	105.84 -2.31 0.00	60.84 -1.27 0.00	48.82 -0.83 0.00	45.66 -0.61 0.00	38.35 -0.45 0.00
CH_RES_NIAGARA 23895	28.52 -1.65 0.00	27.46 -1.47 0.00	27.18 -1.70 0.00	27.54 -1.55 0.00	24.94 -1.52 0.00	26.71 -1.55 0.00	29.70 -1.74 0.00	31.44 -2.14 0.00	30.70 -1.97 0.00	30.61 -1.86 0.00	32.26 -1.52 0.00	33.17 -1.13 0.00	42.62 -0.50 0.00	52.27 -1.47 0.00	67.40 -3.23 0.00	293.68 -18.05 83.40	169.14 -9.86 0.02	214.53 -14.35 0.24	142.19 -9.63 5.72	92.10 -6.62 9.42	58.91 -3.19 0.02	47.47 -2.18 0.00	44.72 -1.55 0.00	37.60 -1.21 0.00
CH_RES_SYRACUSE 23985	30.16 -0.01 0.00	28.96 -0.01 -0.04	28.74 -0.14 0.00	28.93 -0.15 0.00	26.31 -0.15 0.00	28.12 -0.13 0.00	31.48 -0.07 -0.12	33.51 -0.07 0.00	32.67 -0.01 0.00	32.52 0.06 0.00	33.89 0.11 0.00	34.50 0.20 0.00	43.57 0.45 0.00	56.51 0.51 -2.28	77.50 0.51 -6.36	408.84 4.70 -9.01	188.29 1.59 -7.69	231.70 2.08 -0.51	166.94 1.60 -7.79	117.72 1.03 -8.54	69.43 0.58 -6.73	54.51 0.31 -4.55	47.93 0.24 -1.42	38.98 0.17 0.00
CLINTON_WT_PWR 323605	29.77 -0.40 0.00	28.66 -0.27 0.00	28.84 -0.04 0.00	29.05 -0.04 0.00	26.43 -0.03 0.00	28.19 -0.06 0.00	31.36 -0.07 0.00	33.48 -0.10 0.00	32.41 -0.26 0.00	32.07 -0.39 0.00	33.23 -0.54 0.00	33.42 -0.87 0.00	42.03 -1.09 0.00	52.15 -1.59 0.00	68.22 -2.41 0.00	379.18 -15.95 0.00	171.39 -7.62 0.00	220.52 -8.59 0.00	151.71 -5.83 0.00	104.47 -3.67 0.00	60.15 -1.96 0.00	48.69 -0.95 0.00	45.81 -0.46 0.00	38.41 -0.39 0.00
CLINTON___LFGE 323618	30.21 0.05 0.00	29.06 0.13 0.00	29.25 0.38 0.00	29.46 0.39 0.00	26.82 0.37 0.00	28.60 0.35 0.00	31.83 0.40 0.00	33.97 0.39 0.00	32.86 0.19 0.00	32.56 0.09 0.00	33.73 -0.05 0.00	33.81 -0.49 0.00	42.48 -0.64 0.00	52.51 -1.23 0.00	68.73 -1.91 0.00	381.21 -13.92 0.00	171.89 -7.12 0.00	221.89 -7.22 0.00	152.83 -4.72 0.00	105.35 -2.80 0.00	60.64 -1.47 0.00	49.30 -0.35 0.00	46.58 0.31 0.00	39.05 0.25 0.00
COBBLENY_34_KV_TB1 80064	29.82 -0.35 0.00	28.62 -0.31 0.00	28.26 -0.62 0.00	28.62 -0.46 0.00	25.92 -0.53 0.00	27.79 -0.46 0.00	31.04 -0.39 0.00	32.99 -0.59 0.00	32.33 -0.34 0.00	32.30 -0.17 0.00	34.05 0.27 0.00	34.99 0.69 0.00	44.93 1.81 0.00	55.21 1.47 0.00	71.57 0.94 0.00	418.40 7.64 -15.62	180.41 1.40 0.00	229.26 0.11 -0.04	158.78 0.17 -1.07	109.89 -0.02 -1.77	62.80 0.68 0.00	50.19 0.54 0.00	47.05 0.78 0.00	39.36 0.56 0.00
COFFEEN___115KV_TB3 355620	30.89 0.73 0.00	29.55 0.58 -0.03	29.39 0.51 0.00	29.60 0.53 0.00	26.95 0.49 0.00	28.79 0.54 0.00	32.32 0.79 -0.11	34.32 0.75 0.00	33.36 0.68 0.00	33.13 0.66 0.00	34.28 0.51 0.00	34.82 0.52 0.00	43.90 0.78 0.00	57.18 1.26 -2.18	78.01 1.30 -6.07	407.17 3.43 -8.61	188.57 2.22 -7.34	233.64 4.04 -0.49	169.12 4.14 -7.44	120.80 4.50 -8.16	72.07 3.52 -6.43	57.29 3.30 -4.34	50.14 2.51 -1.36	40.30 1.49 0.00
COLDSPRG_115KV_BK1 355956	30.61 0.44 0.00	29.33 0.41 0.00	28.84 -0.04 0.00	29.23 0.15 0.00	26.48 0.02 0.00	28.46 0.21 0.00	32.16 0.73 0.00	34.50 0.92 0.00	33.87 1.20 0.00	33.77 1.31 0.00	35.64 1.86 0.00	36.74 2.44 0.00	47.22 4.10 0.00	58.03 4.29 0.00	74.49 3.86 0.00	429.90 23.84 -10.92	186.73 7.72 0.00	237.27 8.13 -0.03	163.98 5.68 -0.75	113.00 3.62 -1.23	64.98 2.87 0.00	52.37 2.73 0.00	49.04 2.77 0.00	40.91 2.11 0.00
COLONIE_LFGE___ 323577	31.62 1.46 0.00	30.29 1.36 0.00	30.16 1.28 0.00	30.31 1.23 0.00	27.64 1.18 0.00	29.54 1.29 0.00	32.72 1.29 0.00	34.94 1.36 0.00	33.93 1.25 0.00	33.92 1.34 -0.11	35.16 1.38 0.00	35.72 1.42 0.00	44.62 1.50 0.00	55.85 2.11 0.00	73.78 3.15 0.00	412.39 17.26 0.00	186.84 7.84 0.00	240.36 11.25 0.00	165.58 8.04 0.00	113.66 5.51 0.00	103.44 3.19 -38.13	213.56 2.41 -161.50	48.45 2.18 0.00	40.61 1.80 0.00
COOPERNY_115KV_TB1 80082	31.43 1.27 0.00	30.10 1.17 0.00	29.88 1.00 0.00	30.05 0.96 0.00	27.35 0.89 0.00	29.23 0.98 0.00	32.55 1.12 0.00	34.90 1.32 0.00	34.11 1.44 0.00	33.82 1.62 0.26	35.58 1.80 0.00	36.06 1.77 0.00	45.17 2.04 0.00	56.26 2.52 0.00	74.14 3.51 0.00	415.62 20.49 0.00	188.76 9.74 0.00	241.18 12.07 0.00	165.36 7.81 0.00	113.19 5.04 0.00	67.65 2.72 -2.82	63.49 1.91 -11.94	48.02 1.75 0.00	40.31 1.50 0.00
COPENHAGEN_WT_PWR 323753	30.56 0.39 0.00	29.27 0.31 -0.03	29.13 0.25 0.00	29.34 0.26 0.00	26.71 0.26 0.00	28.53 0.28 0.00	32.02 0.48 -0.11	34.02 0.44 0.00	33.06 0.39 0.00	32.84 0.37 0.00	33.98 0.21 0.00	34.54 0.24 0.00	43.57 0.45 0.00	56.81 0.78 -2.29	77.64 0.64 -6.37	403.67 -0.49 -9.03	187.22 0.51 -7.70	231.31 1.68 -0.51	167.73 2.39 -7.80	119.91 3.21 -8.56	71.42 2.56 -6.74	56.64 2.44 -4.56	49.44 1.74 -1.43	39.69 0.89 0.00
CORNELL_____ 23752	30.93 0.77 0.00	29.66 0.71 -0.02	29.39 0.51 0.00	29.63 0.54 0.00	26.92 0.47 0.00	28.80 0.55 0.00	32.25 0.75 -0.07	34.39 0.81 0.00	33.54 0.86 0.00	33.31 0.85 0.00	34.75 0.98 0.00	35.39 1.09 0.00	44.79 1.68 0.00	56.94 1.94 -1.25	76.55 2.43 -3.49	416.65 16.57 -4.94	190.10 6.88 -4.22	238.44 9.04 -0.28	168.69 6.87 -4.27	117.73 4.90 -4.69	70.05 3.00 -4.94	59.58 2.16 -7.77	48.92 1.87 -0.78	40.15 1.34 0.00

CORONA V_69_KV_TB1 355595	46.57 2.99 -13.41	38.07 2.77 -6.37	38.25 2.48 -6.89	38.23 2.41 -6.74	37.94 2.22 -9.27	33.90 2.44 -3.22	38.27 2.82 -4.02	37.74 3.23 -0.93	59.46 3.43 -23.35	73.70 3.66 -37.57	48.47 4.01 -10.69	50.50 3.97 -12.23	64.60 4.58 -16.90	89.15 5.55 -29.86	112.87 7.58 -34.66	541.98 43.42 -103.44	614.21 20.58 -414.62	818.93 25.60 -564.21	501.91 16.37 -328.00	135.43 10.58 -16.70	73.04 5.83 -5.10	70.95 4.09 -17.21	87.42 3.82 -37.33	43.38 3.45 -1.13
CORTLAND_115KV_TB3 80093	30.76 0.60 0.00	29.48 0.53 -0.02	29.24 0.36 0.00	29.48 0.40 0.00	26.80 0.35 0.00	28.66 0.41 0.00	32.08 0.59 -0.06	34.21 0.63 0.00	33.35 0.68 0.00	33.17 0.71 0.00	34.59 0.82 0.00	35.22 0.93 0.00	44.49 1.37 0.00	56.60 1.61 -1.25	76.15 2.04 -3.48	413.96 13.90 -4.93	188.79 5.57 -4.21	236.59 7.20 -0.28	167.26 5.45 -4.27	116.58 3.76 -4.67	68.15 2.35 -3.69	53.83 1.70 -2.49	48.55 1.49 -0.78	39.88 1.08 0.00
COXSACKIE__GT 23611	32.51 2.35 0.00	31.10 2.17 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.24 1.99 0.00	33.56 2.13 0.00	35.83 2.25 0.00	34.68 2.01 0.00	34.26 1.79 0.00	35.44 1.67 0.00	35.88 1.58 0.00	45.02 1.90 0.00	56.46 2.72 0.00	74.57 3.94 0.00	417.62 22.48 0.00	189.90 10.89 0.00	245.10 15.99 0.00	170.33 12.78 0.00	117.36 9.22 0.00	84.04 5.40 -16.53	123.83 4.20 -69.99	50.24 3.97 0.00	42.05 3.25 0.00
CPV_VALLEY__CC1 323721	31.64 1.47 0.00	30.28 1.35 0.00	30.01 1.14 0.00	30.18 1.10 0.00	27.48 1.02 0.00	29.37 1.12 0.00	32.74 1.30 0.00	35.12 1.54 0.00	34.36 1.68 0.00	33.95 1.89 0.41	35.87 2.10 0.00	36.32 2.02 0.00	45.40 2.29 0.00	56.58 2.84 0.00	74.66 4.03 0.00	418.53 23.40 0.00	190.39 11.38 0.00	243.01 13.90 0.00	166.40 8.85 0.00	113.83 5.68 0.00	68.49 3.05 -3.32	65.84 2.12 -14.07	48.19 1.92 0.00	40.49 1.69 0.00
CPV_VALLEY__CC2 323722	31.64 1.47 0.00	30.28 1.35 0.00	30.01 1.14 0.00	30.18 1.10 0.00	27.48 1.02 0.00	29.37 1.12 0.00	32.74 1.30 0.00	35.12 1.54 0.00	34.36 1.68 0.00	33.95 1.89 0.41	35.87 2.10 0.00	36.32 2.02 0.00	45.40 2.29 0.00	56.58 2.84 0.00	74.66 4.03 0.00	418.53 23.40 0.00	190.39 11.38 0.00	243.01 13.90 0.00	166.40 8.85 0.00	113.83 5.68 0.00	68.49 3.05 -3.32	65.84 2.12 -14.07	48.19 1.92 0.00	40.49 1.69 0.00
CRESCENT__HYD 24018	31.62 1.46 0.00	30.29 1.36 0.00	30.16 1.28 0.00	30.31 1.23 0.00	27.64 1.18 0.00	29.54 1.29 0.00	32.72 1.29 0.00	34.94 1.36 0.00	33.93 1.25 0.00	33.92 1.34 -0.11	35.16 1.38 0.00	35.72 1.42 0.00	44.62 1.50 0.00	55.85 2.11 0.00	73.78 3.15 0.00	412.39 17.26 0.00	186.84 7.84 0.00	240.36 11.25 0.00	165.58 8.04 0.00	113.66 5.51 0.00	103.44 3.19 -38.13	213.56 2.41 -161.50	48.45 2.18 0.00	40.61 1.80 0.00
CRICKET__VALLEY_CC1 323756	31.94 1.77 0.00	30.51 1.58 0.00	30.24 1.36 0.00	30.38 1.29 0.00	27.67 1.22 0.00	29.62 1.37 0.00	33.03 1.59 0.00	35.40 1.83 0.00	34.58 1.91 0.00	34.83 2.09 -0.28	36.06 2.29 0.00	36.59 2.29 0.00	45.65 2.53 0.00	57.05 3.31 0.00	75.40 4.77 0.00	422.07 26.94 0.00	191.95 12.94 0.00	245.74 16.63 0.00	168.35 10.80 0.00	115.20 7.06 0.00	70.92 3.77 -5.04	73.61 2.64 -21.33	48.71 2.44 0.00	40.89 2.09 0.00
CRICKET__VALLEY_CC2 323757	31.94 1.77 0.00	30.51 1.58 0.00	30.24 1.36 0.00	30.38 1.29 0.00	27.67 1.22 0.00	29.62 1.37 0.00	33.03 1.59 0.00	35.40 1.83 0.00	34.58 1.91 0.00	34.83 2.09 -0.28	36.06 2.29 0.00	36.59 2.29 0.00	45.65 2.53 0.00	57.05 3.31 0.00	75.40 4.77 0.00	422.07 26.94 0.00	191.95 12.94 0.00	245.74 16.63 0.00	168.35 10.80 0.00	115.20 7.06 0.00	70.92 3.77 -5.04	73.61 2.64 -21.33	48.71 2.44 0.00	40.89 2.09 0.00
CRICKET__VALLEY_CC3 323758	31.94 1.77 0.00	30.51 1.58 0.00	30.24 1.36 0.00	30.38 1.29 0.00	27.67 1.22 0.00	29.62 1.37 0.00	33.03 1.59 0.00	35.40 1.83 0.00	34.58 1.91 0.00	34.83 2.09 -0.28	36.06 2.29 0.00	36.59 2.29 0.00	45.65 2.53 0.00	57.05 3.31 0.00	75.40 4.77 0.00	422.07 26.94 0.00	191.95 12.94 0.00	245.74 16.63 0.00	168.35 10.80 0.00	115.20 7.06 0.00	70.92 3.77 -5.04	73.61 2.64 -21.33	48.71 2.44 0.00	40.89 2.09 0.00
CRUCIBLE_METL_DRP 24180	30.16 -0.01 0.00	28.96 -0.01 -0.04	28.74 -0.14 0.00	28.93 -0.16 0.00	26.31 -0.15 0.00	28.12 -0.13 0.00	31.48 -0.07 -0.12	33.51 -0.07 0.00	32.67 -0.01 0.00	32.52 0.06 0.00	33.89 0.11 0.00	34.50 0.20 0.00	43.57 0.45 0.00	56.51 0.48 -2.28	77.50 0.51 -6.36	408.85 4.71 -9.01	188.32 1.63 -7.69	231.77 2.15 -0.51	166.97 1.63 -7.79	117.71 1.02 -8.54	69.43 0.58 -6.73	54.51 0.32 -4.55	47.93 0.24 -1.42	38.97 0.17 0.00
DAHOWA__HYDRO 323763	32.19 2.03 0.00	30.77 1.84 0.00	30.59 1.71 0.00	30.76 1.67 0.00	28.04 1.58 0.00	30.00 1.75 0.00	33.30 1.86 0.00	35.50 1.92 0.00	34.42 1.74 0.00	34.34 1.77 -0.11	35.54 1.76 0.00	36.20 1.90 0.00	45.31 2.19 0.00	56.68 2.94 0.00	75.10 4.47 0.00	420.56 25.43 0.00	190.88 11.86 0.00	246.11 17.00 0.00	170.37 12.83 0.00	117.12 8.98 0.00	111.52 5.26 -44.14	240.29 3.69 -186.95	49.61 3.34 0.00	41.55 2.74 0.00
DANC__LFGE 323619	30.26 0.10 0.00	29.00 0.03 -0.04	28.83 -0.05 0.00	29.04 -0.04 0.00	26.43 -0.03 0.00	28.24 -0.01 0.00	31.68 0.11 -0.14	33.65 0.07 0.00	32.73 0.06 0.00	32.52 0.05 0.00	33.70 -0.07 0.00	34.28 -0.02 0.00	43.25 0.13 0.00	56.88 0.26 -2.87	78.74 0.11 -8.00	404.79 -1.68 -11.34	188.32 -0.36 -9.67	229.99 0.23 -0.64	168.40 1.05 -9.80	120.60 1.71 -10.74	72.04 1.45 -8.47	56.80 1.44 -5.72	49.02 0.96 -1.79	39.21 0.40 0.00
DANSKAMMER__1 23586	32.54 2.38 0.00	31.10 2.17 0.00	30.78 1.91 0.00	30.92 1.85 0.00	28.15 1.70 0.00	30.10 1.85 0.00	33.59 2.16 0.00	36.08 2.50 0.00	35.33 2.66 0.00	35.37 2.90 0.00	36.97 3.20 0.00	37.45 3.16 0.00	46.86 3.74 0.00	58.44 4.70 0.00	77.20 6.57 0.00	433.15 38.02 0.00	197.04 18.03 0.00	251.84 22.73 0.00	172.43 14.89 0.00	117.91 9.76 0.00	71.65 5.28 -4.26	71.44 3.77 -18.02	49.68 3.41 0.00	41.68 2.87 0.00
DANSKAMMER__2 23589	32.54 2.38 0.00	31.10 2.17 0.00	30.78 1.91 0.00	30.92 1.85 0.00	28.15 1.70 0.00	30.10 1.85 0.00	33.59 2.16 0.00	36.08 2.50 0.00	35.33 2.66 0.00	35.37 2.90 0.00	36.97 3.20 0.00	37.45 3.16 0.00	46.86 3.74 0.00	58.44 4.70 0.00	77.20 6.57 0.00	433.15 38.02 0.00	197.04 18.03 0.00	251.84 22.73 0.00	172.43 14.89 0.00	117.91 9.76 0.00	71.65 5.28 -4.26	71.44 3.77 -18.02	49.68 3.41 0.00	41.68 2.87 0.00
DANSKAMMER__3 23590	32.54 2.38 0.00	31.10 2.17 0.00	30.78 1.91 0.00	30.92 1.85 0.00	28.15 1.70 0.00	30.10 1.85 0.00	33.59 2.16 0.00	36.08 2.50 0.00	35.33 2.66 0.00	35.37 2.90 0.00	36.97 3.20 0.00	37.45 3.16 0.00	46.86 3.74 0.00	58.44 4.70 0.00	77.20 6.57 0.00	433.15 38.02 0.00	197.04 18.03 0.00	251.84 22.73 0.00	172.43 14.89 0.00	117.91 9.76 0.00	71.65 5.28 -4.26	71.44 3.77 -18.02	49.68 3.41 0.00	41.68 2.87 0.00

DANSKAMMER___4 23591	32.54 2.38 0.00	31.10 2.17 0.00	30.78 1.91 0.00	30.92 1.85 0.00	28.15 1.70 0.00	30.10 1.85 0.00	33.59 2.16 0.00	36.08 2.50 0.00	35.33 2.66 0.00	35.37 2.90 0.00	36.97 3.20 0.00	37.45 3.16 0.00	46.86 3.74 0.00	58.44 4.70 0.00	77.20 6.57 0.00	433.15 38.02 0.00	197.04 18.03 0.00	251.84 22.73 0.00	172.43 14.89 0.00	117.91 9.76 0.00	71.65 5.28 -4.26	71.44 3.77 -18.02	49.68 3.41 0.00	41.68 2.87 0.00
DANSKAMMER___DIESEL 23592	32.54 2.38 0.00	31.10 2.17 0.00	30.79 1.91 0.00	30.92 1.85 0.00	28.16 1.70 0.00	30.10 1.85 0.00	33.59 2.16 0.00	36.08 2.50 0.00	35.33 2.66 0.00	35.37 2.90 0.00	36.97 3.20 0.00	37.45 3.16 0.00	46.86 3.74 0.00	58.44 4.70 0.00	77.20 6.57 0.00	433.15 38.02 0.00	197.04 18.03 0.00	251.83 22.72 0.00	172.44 14.90 0.00	117.91 9.76 0.00	71.65 5.28 -4.26	71.44 3.77 -18.02	49.68 3.41 0.00	41.68 2.87 0.00
DARBY___SOLAR 323810	32.06 1.89 0.00	30.64 1.71 0.00	30.48 1.60 0.00	30.64 1.56 0.00	27.93 1.48 0.00	29.88 1.63 0.00	33.15 1.71 0.00	35.35 1.77 0.00	34.28 1.60 0.00	34.20 1.63 -0.11	35.39 1.62 0.00	36.04 1.74 0.00	45.09 1.97 0.00	56.41 2.67 0.00	74.68 4.05 0.00	417.92 22.78 0.00	189.74 10.73 0.00	244.58 15.46 0.00	169.14 11.60 0.00	116.28 8.13 0.00	110.32 4.76 -43.45	237.02 3.38 -184.00	49.31 3.04 0.00	41.31 2.50 0.00
DASHVILLE___HYD 23610	32.10 1.94 0.00	30.68 1.75 0.00	30.40 1.52 0.00	30.54 1.46 0.00	27.80 1.34 0.00	29.69 1.44 0.00	33.16 1.72 0.00	35.67 2.09 0.00	35.02 2.34 0.00	35.07 2.60 0.00	36.67 2.89 0.00	37.20 2.90 0.00	46.55 3.43 0.00	58.03 4.29 0.00	76.61 5.98 0.00	429.69 34.56 0.00	195.45 16.44 0.00	249.57 20.46 0.00	170.88 13.34 0.00	116.83 8.68 0.00	73.99 4.65 -7.23	83.41 3.16 -30.61	49.21 2.94 0.00	41.26 2.46 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	36.37 3.98 -2.23	39.00 3.70 -6.37	39.18 3.41 -6.89	39.16 3.34 -6.74	38.76 3.04 -9.27	34.77 3.30 -3.22	39.31 3.86 -4.02	38.90 4.39 -0.93	40.51 4.70 -3.14	74.94 4.90 -37.57	91.68 5.44 -52.47	129.61 5.51 -89.80	219.36 6.75 -169.49	324.65 8.13 -262.77	192.59 10.89 -111.08	626.90 62.06 -169.70	295.94 28.94 -87.99	365.68 36.03 -100.54	268.77 22.93 -88.31	227.82 14.69 -104.99	233.48 8.66 -162.70	74.27 5.86 -18.77	71.66 5.14 -20.24	44.58 4.64 -1.13
DELAWARE___LFGE 323621	31.32 1.16 0.00	30.06 1.12 -0.01	29.95 1.08 0.00	30.16 1.09 0.00	27.45 0.98 0.00	29.28 1.03 0.00	32.62 1.17 -0.02	34.79 1.22 0.00	33.97 1.30 0.00	33.88 1.41 0.00	35.34 1.57 0.00	35.85 1.56 0.00	45.09 1.97 0.00	56.49 2.35 -0.40	74.82 3.07 -1.12	413.95 17.22 -1.59	188.29 7.92 -1.36	239.22 10.02 -0.09	165.85 6.93 -1.38	114.28 4.63 -1.51	71.81 2.59 -7.11	77.32 1.79 -25.88	48.21 1.69 -0.25	40.18 1.37 0.00
DERFIELD_115KV_TB7 355931	30.43 0.27 0.00	29.17 0.24 0.00	29.08 0.20 0.00	29.29 0.20 0.00	26.64 0.19 0.00	28.45 0.20 0.00	31.65 0.22 0.00	33.81 0.23 0.00	32.92 0.24 0.00	32.76 0.29 0.00	34.09 0.31 0.00	34.62 0.32 0.00	43.48 0.36 0.00	54.17 0.43 0.00	71.27 0.63 0.00	398.66 3.53 0.00	180.67 1.66 0.00	231.40 2.29 0.00	159.17 1.63 0.00	109.27 1.12 0.00	62.76 0.65 0.00	50.13 0.49 0.00	46.72 0.45 0.00	39.16 0.36 0.00
DOGLEVILLE___HYD 23807	31.22 1.06 0.00	29.83 0.90 0.00	29.63 0.75 0.00	29.76 0.68 0.00	27.15 0.69 0.00	28.98 0.73 0.00	32.08 0.64 0.00	34.10 0.53 0.00	33.04 0.36 0.00	32.91 0.44 0.00	34.21 0.43 0.00	34.75 0.45 0.00	43.60 0.48 0.00	54.43 0.69 0.00	72.14 1.51 0.00	404.52 9.39 0.00	183.51 4.50 0.00	236.40 7.29 0.00	163.76 6.22 0.00	112.95 4.80 0.00	65.17 3.06 0.00	53.06 3.41 0.00	49.52 3.25 0.00	41.37 2.56 0.00
DUNKIRK___115KV_TB_200 55889	30.05 -0.11 0.00	28.83 -0.10 0.00	28.36 -0.52 0.00	28.78 -0.30 0.00	26.03 -0.43 0.00	27.93 -0.32 0.00	31.41 -0.03 0.00	33.41 -0.17 0.00	32.85 0.17 0.00	32.84 0.38 0.00	34.67 0.89 0.00	35.60 1.31 0.00	45.65 2.53 0.00	56.04 2.30 0.00	72.48 1.85 0.00	422.35 15.54 -11.68	182.50 3.49 0.00	231.75 2.61 -0.03	160.25 1.90 -0.80	110.52 1.06 -1.32	63.49 1.38 0.00	50.84 1.20 0.00	47.67 1.40 0.00	39.77 0.96 0.00
DUNKIRK___1 23563	30.05 -0.11 0.00	28.83 -0.10 0.00	28.36 -0.52 0.00	28.78 -0.30 0.00	26.03 -0.43 0.00	27.93 -0.32 0.00	31.41 -0.03 0.00	33.41 -0.17 0.00	32.85 0.17 0.00	32.84 0.38 0.00	34.67 0.89 0.00	35.60 1.31 0.00	45.65 2.53 0.00	56.04 2.30 0.00	72.48 1.85 0.00	422.35 15.54 -11.68	182.50 3.49 0.00	231.75 2.61 -0.03	160.25 1.90 -0.80	110.52 1.06 -1.32	63.49 1.38 0.00	50.84 1.20 0.00	47.67 1.40 0.00	39.77 0.96 0.00
DUNKIRK___2 23564	30.05 -0.11 0.00	28.83 -0.10 0.00	28.36 -0.52 0.00	28.78 -0.30 0.00	26.03 -0.43 0.00	27.93 -0.32 0.00	31.41 -0.03 0.00	33.41 -0.17 0.00	32.85 0.17 0.00	32.84 0.38 0.00	34.67 0.89 0.00	35.60 1.31 0.00	45.65 2.53 0.00	56.04 2.30 0.00	72.48 1.85 0.00	422.35 15.54 -11.68	182.50 3.49 0.00	231.75 2.61 -0.03	160.25 1.90 -0.80	110.52 1.06 -1.32	63.49 1.38 0.00	50.84 1.20 0.00	47.67 1.40 0.00	39.77 0.96 0.00
DUNKIRK___3 23565	29.86 -0.30 0.00	28.67 -0.27 0.00	28.22 -0.66 0.00	28.63 -0.46 0.00	25.91 -0.55 0.00	27.79 -0.46 0.00	31.17 -0.26 0.00	33.16 -0.42 0.00	32.57 -0.10 0.00	32.56 0.09 0.00	34.34 0.56 0.00	35.25 0.95 0.00	45.19 2.07 0.00	55.48 1.74 0.00	71.85 1.22 0.00	416.60 11.15 -10.32	180.93 1.92 0.00	229.73 0.59 -0.03	158.77 0.52 -0.71	109.46 0.14 -1.17	62.92 0.81 0.00	50.33 0.68 0.00	47.23 0.95 0.00	39.44 0.64 0.00
DUNKIRK___4 23566	29.86 -0.30 0.00	28.67 -0.27 0.00	28.22 -0.66 0.00	28.63 -0.46 0.00	25.91 -0.55 0.00	27.79 -0.46 0.00	31.17 -0.26 0.00	33.16 -0.42 0.00	32.57 -0.10 0.00	32.56 0.09 0.00	34.34 0.56 0.00	35.25 0.95 0.00	45.19 2.07 0.00	55.48 1.74 0.00	71.85 1.22 0.00	416.60 11.15 -10.32	180.93 1.92 0.00	229.73 0.59 -0.03	158.77 0.52 -0.71	109.46 0.14 -1.17	62.92 0.81 0.00	50.33 0.68 0.00	47.23 0.95 0.00	39.44 0.64 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.50 2.34 0.00	31.08 2.14 0.00	30.74 1.86 0.00	30.88 1.81 0.00	28.12 1.67 0.00	30.09 1.84 0.00	33.59 2.15 0.00	36.10 2.52 0.00	35.38 2.70 0.00	36.11 2.97 -0.67	37.03 3.26 0.00	37.48 3.18 0.00	46.72 3.60 0.00	58.18 4.44 0.00	76.84 6.21 0.00	430.48 35.34 0.00	195.84 16.83 0.00	249.57 20.46 0.00	170.54 12.99 0.00	116.61 8.47 0.00	70.73 4.55 -4.07	70.04 3.18 -17.22	49.18 2.90 0.00	41.42 2.61 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.19 2.03 0.00	30.79 1.85 0.00	30.49 1.61 0.00	30.64 1.56 0.00	27.89 1.44 0.00	29.82 1.57 0.00	33.25 1.82 0.00	35.72 2.14 0.00	34.97 2.30 0.00	34.80 2.53 0.20	36.56 2.78 0.00	37.03 2.74 0.00	46.31 3.19 0.00	57.74 4.00 0.00	76.22 5.59 0.00	427.64 32.51 0.00	194.64 15.63 0.00	248.61 19.50 0.00	170.21 12.67 0.00	116.40 8.26 0.00	70.67 4.47 -4.09	70.14 3.18 -17.32	49.13 2.86 0.00	41.24 2.44 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	32.60 2.44 0.00	31.14 2.21 0.00	30.83 1.95 0.00	30.95 1.87 0.00	28.21 1.76 0.00	30.15 1.90 0.00	33.72 2.29 0.00	36.24 2.66 0.00	35.60 2.92 0.00	36.29 3.15 -0.68	37.21 3.43 -0.01	37.59 3.29 0.00	46.83 3.71 0.00	58.33 4.59 0.00	77.12 6.49 0.00	430.54 35.41 0.00	196.12 17.11 0.00	249.82 20.71 0.00	170.59 13.05 0.00	116.80 8.66 0.00	70.89 4.72 -4.07	70.11 3.25 -17.22	49.26 2.98 0.00	41.63 2.82 0.00
E179THST_13_KV_LOAD 356214	32.81 2.65 0.00	31.34 2.40 0.00	31.01 2.14 0.00	31.14 2.06 0.00	28.38 1.93 0.00	30.32 2.07 0.00	33.93 2.50 0.00	36.47 2.90 0.00	35.84 3.16 0.00	36.53 3.39 -0.68	37.47 3.69 -0.01	37.87 3.57 0.00	47.18 4.06 0.00	58.76 5.02 0.00	77.71 7.07 0.00	434.01 38.88 0.00	197.61 18.60 0.00	251.78 22.66 0.00	171.91 14.37 0.00	117.69 9.54 0.00	71.39 5.21 -4.07	70.50 3.64 -17.22	49.62 3.35 0.00	41.92 3.12 0.00
EAST HAMPTON___GT 23717	37.02 4.62 -2.23	39.60 4.30 -6.37	39.76 3.99 -6.89	39.75 3.92 -6.75	39.29 3.56 -9.27	35.33 3.85 -3.22	39.97 4.52 -4.02	39.65 5.14 -0.93	41.26 5.45 -3.14	75.50 5.46 -37.57	92.29 6.04 -52.48	130.21 6.09 -89.82	220.19 7.54 -169.52	325.67 9.10 -262.83	193.91 12.17 -111.10	634.54 69.66 -169.75	299.53 32.50 -88.01	369.92 40.24 -100.57	271.27 25.39 -88.33	229.13 15.96 -105.02	234.69 9.84 -162.74	75.00 6.59 -18.77	72.23 5.71 -20.24	45.23 5.30 -1.13
EAST RIVER___6 23660	32.64 2.48 0.00	31.16 2.23 0.00	30.80 1.92 0.00	30.93 1.86 0.00	28.17 1.71 0.00	30.15 1.90 0.00	33.69 2.26 0.00	36.29 2.71 0.00	35.64 2.96 0.00	36.42 3.27 -0.68	37.38 3.61 0.00	37.82 3.53 0.00	47.05 3.92 0.00	58.46 4.72 0.00	77.17 6.54 0.00	432.21 37.07 0.00	196.49 17.48 0.00	249.97 20.86 0.00	170.68 13.14 0.00	116.76 8.62 0.00	70.79 4.61 -4.07	70.03 3.17 -17.22	49.18 2.91 0.00	41.47 2.67 0.00
EAST RIVER___7 23524	32.64 2.48 0.00	31.16 2.23 0.00	30.80 1.92 0.00	30.93 1.86 0.00	28.17 1.71 0.00	30.15 1.90 0.00	33.69 2.26 0.00	36.29 2.71 0.00	35.64 2.96 0.00	36.42 3.27 -0.68	37.38 3.61 0.00	37.82 3.53 0.00	47.05 3.92 0.00	58.46 4.72 0.00	77.17 6.54 0.00	432.21 37.07 0.00	196.49 17.48 0.00	249.97 20.86 0.00	170.68 13.14 0.00	116.76 8.62 0.00	70.79 4.61 -4.07	70.03 3.17 -17.22	49.18 2.91 0.00	41.47 2.67 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.41 2.24 0.00	30.98 2.05 0.00	30.66 1.78 0.00	30.80 1.72 0.00	28.05 1.59 0.00	30.01 1.75 0.00	33.48 2.05 0.00	35.99 2.41 0.00	35.27 2.59 0.00	36.03 2.84 -0.72	36.89 3.12 0.00	37.35 3.06 0.00	46.59 3.47 0.00	58.02 4.28 0.00	76.63 6.00 0.00	429.65 34.51 0.00	195.42 16.41 0.00	249.11 20.00 0.00	170.25 12.70 0.00	116.40 8.25 0.00	70.63 4.46 -4.06	69.94 3.11 -17.18	49.11 2.84 0.00	41.33 2.53 0.00
EAST_HAMPTON___DIESEL 23722	37.03 4.63 -2.23	39.62 4.32 -6.37	39.77 4.00 -6.89	39.76 3.92 -6.75	39.30 3.58 -9.27	35.35 3.87 -3.22	39.98 4.53 -4.02	39.67 5.16 -0.93	41.29 5.48 -3.14	75.54 5.50 -37.57	92.33 6.08 -52.48	130.25 6.14 -89.82	220.24 7.59 -169.52	325.73 9.16 -262.83	193.98 12.24 -111.10	635.21 70.32 -169.75	299.71 32.69 -88.01	370.03 40.35 -100.57	271.34 25.46 -88.33	229.14 15.98 -105.02	234.70 9.85 -162.74	75.01 6.60 -18.77	72.24 5.73 -20.24	45.23 5.30 -1.13
EAST_POINT___SOLAR 323840	32.45 2.29 0.00	31.05 2.12 0.00	30.94 2.06 0.00	31.15 2.06 0.00	28.30 1.84 0.00	30.28 2.03 0.00	33.48 2.05 0.00	34.95 1.38 0.00	33.66 0.99 0.00	33.40 0.93 0.00	34.77 1.00 0.00	35.48 1.18 0.00	45.17 2.05 0.00	56.23 2.49 0.00	74.08 3.45 0.00	417.57 22.44 0.00	190.41 11.39 0.00	245.09 15.98 0.00	169.82 12.28 0.00	117.99 9.85 0.00	111.10 6.32 -42.67	234.34 4.01 -180.69	49.82 3.55 0.00	41.51 2.71 0.00
EAST_PULASKI___ESR 323781	30.00 -0.16 0.00	28.77 -0.22 -0.06	28.55 -0.33 0.00	28.76 -0.32 0.00	26.17 -0.28 0.00	27.96 -0.29 0.00	31.41 -0.22 -0.20	33.30 -0.27 0.00	32.38 -0.30 0.00	32.19 -0.28 0.00	33.42 -0.35 0.00	34.00 -0.29 0.00	42.90 -0.22 0.00	57.62 -0.26 -4.14	81.70 -0.45 -11.53	408.52 -2.94 -16.34	191.63 -1.31 -13.93	228.69 -1.34 -0.93	171.32 -0.35 -14.12	123.82 0.19 -15.48	74.66 0.35 -12.20	58.29 0.40 -8.24	49.00 0.15 -2.58	38.70 -0.10 0.00
EAST_RIVER___1 323558	32.67 2.50 0.00	31.20 2.27 0.00	30.84 1.96 0.00	30.98 1.90 0.00	28.22 1.76 0.00	30.19 1.94 0.00	33.75 2.32 0.00	36.32 2.74 0.00	35.65 2.97 0.00	36.41 3.26 -0.68	37.35 3.58 0.00	37.80 3.50 0.00	47.04 3.92 0.00	58.51 4.77 0.00	77.27 6.64 0.00	432.55 37.42 0.00	196.72 17.71 0.00	250.44 21.32 0.00	170.95 13.41 0.00	116.90 8.76 0.00	70.85 4.67 -4.07	70.11 3.25 -17.22	49.25 2.98 0.00	41.54 2.74 0.00
EAST_RIVER___2 323559	32.64 2.48 0.00	31.16 2.23 0.00	30.80 1.92 0.00	30.93 1.86 0.00	28.17 1.71 0.00	30.15 1.90 0.00	33.69 2.26 0.00	36.29 2.71 0.00	35.64 2.96 0.00	36.42 3.27 -0.68	37.38 3.61 0.00	37.82 3.53 0.00	47.05 3.92 0.00	58.46 4.72 0.00	77.17 6.54 0.00	432.21 37.07 0.00	196.49 17.48 0.00	249.97 20.86 0.00	170.68 13.14 0.00	116.76 8.62 0.00	70.79 4.61 -4.07	70.03 3.17 -17.22	49.18 2.91 0.00	41.47 2.67 0.00
EAST___DELAWARE_HYD 23607	31.35 1.19 0.00	29.95 1.02 0.00	29.65 0.77 0.00	29.78 0.70 0.00	27.09 0.64 0.00	28.96 0.71 0.00	32.31 0.88 0.00	34.72 1.15 0.00	34.00 1.33 0.00	33.88 1.56 0.14	35.56 1.79 0.00	36.08 1.79 0.00	45.01 1.89 0.00	54.95 1.21 0.00	72.60 1.97 0.00	408.69 13.55 0.00	185.96 6.95 0.00	238.03 8.92 0.00	163.35 5.80 0.00	111.76 3.61 0.00	68.43 1.88 -4.44	70.70 2.24 -18.82	48.18 1.91 0.00	40.31 1.50 0.00
EIGHT_POINT___WT_PWR 323820	30.53 0.37 0.00	29.28 0.34 -0.01	28.84 -0.04 0.00	29.23 0.15 0.00	26.41 -0.05 0.00	28.35 0.10 0.00	31.81 0.35 -0.03	33.80 0.22 0.00	33.13 0.46 0.00	33.03 0.57 0.00	34.66 0.88 0.00	35.43 1.14 0.00	45.24 2.12 0.00	56.11 1.89 -0.49	73.79 1.80 -1.36	416.87 15.36 -6.39	184.64 4.00 -1.64	233.50 4.27 -0.12	163.10 3.59 -1.97	113.04 2.57 -2.33	65.52 1.97 -1.44	51.96 1.34 -0.97	47.92 1.35 -0.30	39.56 0.75 0.00
ELBRIDGE_115KV_TB2 80188	30.00 -0.17 0.00	28.82 -0.15 -0.04	28.60 -0.28 0.00	28.78 -0.29 0.00	26.20 -0.26 0.00	28.01 -0.24 0.00	31.35 -0.21 -0.13	33.37 -0.21 0.00	32.55 -0.13 0.00	32.37 -0.10 0.00	33.79 0.02 0.00	34.42 0.13 0.00	43.49 0.36 0.00	56.59 0.36 -2.49	77.85 0.27 -6.94	408.44 3.47 -9.84	188.42 1.02 -8.39	231.00 1.33 -0.56	167.01 0.96 -8.50	118.22 0.75 -9.32	69.93 0.47 -7.35	54.78 0.17 -4.96	47.92 0.10 -1.56	38.79 -0.02 0.00
ELEC_TRO_TEK 24086	28.61 2.72 4.27	37.83 2.53 -6.37	38.01 2.24 -6.89	38.01 2.19 -6.74	37.74 2.02 -9.27	33.69 2.22 -3.22	38.02 2.57 -4.02	37.48 2.97 -0.93	27.21 3.16 8.62	73.47 3.43 -37.57	46.11 3.74 -8.60	48.97 3.69 -10.99	53.12 4.25 -5.74	71.81 5.14 -12.93	85.68 7.07 -7.98	508.96 39.99 -73.83	518.39 19.01 -320.37	664.39 23.58 -411.71	269.62 14.92 -97.16	121.93 9.64 -4.15	72.48 5.27 -5.10	70.49 3.63 -17.21	77.30 3.38 -27.65	43.02 3.08 -1.13

ELLENBURG_WT_PWR 323604	29.77 -0.40 0.00	28.66 -0.27 0.00	28.84 -0.04 0.00	29.05 -0.04 0.00	26.43 -0.03 0.00	28.19 -0.06 0.00	31.36 -0.07 0.00	33.48 -0.10 0.00	32.41 -0.26 0.00	32.07 -0.39 0.00	33.23 -0.54 0.00	33.42 -0.87 0.00	42.03 -1.09 0.00	52.15 -1.59 0.00	68.22 -2.41 0.00	379.18 -15.95 0.00	171.39 -7.62 0.00	220.52 -8.59 0.00	151.71 -5.83 0.00	104.47 -3.67 0.00	60.15 -1.96 0.00	48.69 -0.95 0.00	45.81 -0.46 0.00	38.41 -0.39 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.46 -0.70 0.00	28.32 -0.61 0.00	27.98 -0.90 0.00	28.34 -0.74 0.00	25.66 -0.79 0.00	27.50 -0.75 0.00	30.69 -0.74 0.00	32.60 -0.98 0.00	31.90 -0.78 0.00	31.85 -0.62 0.00	33.58 -0.19 0.00	34.53 0.23 0.00	44.33 1.21 0.00	54.45 0.71 0.00	70.44 -0.19 0.00	401.45 0.79 -5.53	177.34 -1.67 0.00	225.15 -3.98 -0.02	155.33 -2.60 -0.38	106.91 -1.86 -0.62	61.68 -0.44 0.00	49.42 -0.23 0.00	46.40 0.13 0.00	38.88 0.08 0.00
EMPIRE_CC_1 323656	31.14 0.98 0.00	29.86 0.93 0.00	29.78 0.90 0.00	29.94 0.86 0.00	27.37 0.91 0.00	29.21 0.96 0.00	32.24 0.81 0.00	34.45 0.87 0.00	33.45 0.77 0.00	33.53 0.92 -0.15	34.69 0.91 0.00	35.19 0.90 0.00	43.87 0.75 0.00	54.90 1.16 0.00	72.49 1.86 0.00	404.71 9.58 0.00	183.53 4.52 0.00	235.76 6.65 0.00	162.11 4.57 0.00	111.28 3.14 0.00	75.89 1.75 -12.02	101.91 1.34 -50.92	47.50 1.23 0.00	39.86 1.06 0.00
EMPIRE_CC_2 323658	31.14 0.98 0.00	29.86 0.93 0.00	29.78 0.90 0.00	29.94 0.86 0.00	27.37 0.91 0.00	29.21 0.96 0.00	32.24 0.81 0.00	34.45 0.87 0.00	33.45 0.77 0.00	33.53 0.92 -0.15	34.69 0.91 0.00	35.19 0.90 0.00	43.87 0.75 0.00	54.90 1.16 0.00	72.49 1.86 0.00	404.71 9.58 0.00	183.53 4.52 0.00	235.76 6.65 0.00	162.11 4.57 0.00	111.28 3.14 0.00	75.89 1.75 -12.02	101.91 1.34 -50.92	47.50 1.23 0.00	39.86 1.06 0.00
ENORWICH_115KV_TB1 80156	32.39 2.23 0.00	31.02 2.08 -0.02	30.78 1.90 0.00	31.05 1.97 0.00	28.23 1.78 0.00	30.23 1.98 0.00	33.87 2.39 -0.05	36.16 2.58 0.00	35.15 2.47 0.00	34.86 2.39 0.00	36.31 2.54 0.00	36.91 2.62 0.00	47.03 3.91 0.00	59.34 4.67 -0.94	79.44 6.20 -2.61	437.26 38.43 -3.70	199.32 17.16 -3.15	252.97 23.65 -0.21	178.31 17.57 -3.19	123.82 12.17 -3.50	74.80 7.24 -5.45	68.28 5.40 -13.23	51.57 4.72 -0.58	42.33 3.53 0.00
ERIE_ST_34_KV_TB1-2 80199	29.80 -0.36 0.00	28.59 -0.34 0.00	28.21 -0.67 0.00	28.58 -0.50 0.00	25.89 -0.57 0.00	27.74 -0.51 0.00	31.01 -0.42 0.00	33.00 -0.58 0.00	32.35 -0.32 0.00	32.34 -0.13 0.00	34.11 0.34 0.00	35.07 0.78 0.00	45.05 1.93 0.00	55.36 1.62 0.00	71.84 1.21 0.00	418.73 8.63 -14.97	181.13 2.11 0.00	230.07 0.86 -0.10	160.56 0.56 -2.46	112.41 0.20 -4.06	62.99 0.87 0.00	50.26 0.62 0.00	47.10 0.83 0.00	39.39 0.58 0.00
ERIE_WT_PWR 323693	29.67 -0.50 0.00	28.49 -0.44 0.00	28.15 -0.74 0.00	28.50 -0.58 0.00	25.81 -0.65 0.00	27.66 -0.59 0.00	30.89 -0.55 0.00	32.83 -0.75 0.00	32.14 -0.53 0.00	32.12 -0.35 0.00	33.85 0.08 0.00	34.81 0.51 0.00	44.71 1.59 0.00	54.91 1.17 0.00	71.14 0.51 0.00	417.86 4.99 -17.73	179.05 0.04 0.00	227.52 -1.64 -0.05	157.74 -1.02 -1.22	109.40 -0.75 -2.01	62.35 0.23 0.00	49.87 0.22 0.00	46.81 0.54 0.00	39.20 0.40 0.00
ESPRGFLD_115KV_TB1 80157	31.81 1.65 0.00	30.49 1.56 0.00	30.41 1.54 0.00	30.65 1.57 0.00	27.84 1.38 0.00	29.74 1.49 0.00	33.23 1.79 0.00	35.34 1.77 0.00	34.45 1.78 0.00	34.29 1.83 0.00	35.80 2.03 0.00	36.40 2.11 0.00	46.15 3.03 0.00	57.39 3.65 0.00	75.12 4.49 0.00	421.23 26.10 0.00	190.90 11.89 0.00	244.24 15.13 0.00	168.52 10.98 0.00	116.03 7.89 0.00	97.33 4.54 -30.68	182.24 2.66 -129.94	48.63 2.36 0.00	40.59 1.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.89 0.72 0.00	29.61 0.66 -0.02	29.35 0.48 0.00	29.59 0.51 0.00	26.90 0.44 0.00	28.77 0.52 0.00	32.20 0.71 -0.07	34.34 0.77 0.00	33.48 0.81 0.00	33.26 0.80 0.00	34.69 0.92 0.00	35.32 1.02 0.00	44.70 1.58 0.00	56.87 1.83 -1.30	76.53 2.28 -3.61	416.01 15.75 -5.12	189.88 6.50 -4.37	237.93 8.53 -0.29	168.47 6.50 -4.42	117.63 4.64 -4.85	70.03 2.85 -5.08	59.56 2.03 -7.88	48.85 1.77 -0.81	40.07 1.27 0.00
ETNA____115KV_TB2 80207	30.89 0.72 0.00	29.61 0.66 -0.02	29.35 0.48 0.00	29.59 0.51 0.00	26.90 0.44 0.00	28.77 0.52 0.00	32.20 0.71 -0.07	34.34 0.77 0.00	33.48 0.81 0.00	33.26 0.80 0.00	34.69 0.92 0.00	35.32 1.02 0.00	44.70 1.58 0.00	56.87 1.83 -1.30	76.53 2.28 -3.61	416.01 15.75 -5.12	189.88 6.50 -4.37	237.93 8.53 -0.29	168.47 6.50 -4.42	117.63 4.64 -4.85	70.03 2.85 -5.08	59.56 2.03 -7.88	48.85 1.77 -0.81	40.07 1.27 0.00
EUCLID____115KV_TB2 356179	29.84 -0.32 0.00	28.60 -0.35 -0.02	28.42 -0.46 0.00	28.63 -0.45 0.00	26.04 -0.42 0.00	27.83 -0.42 0.00	31.08 -0.41 -0.06	33.16 -0.42 0.00	32.35 -0.33 0.00	32.23 -0.24 0.00	33.62 -0.15 0.00	34.25 -0.05 0.00	43.23 0.11 0.00	54.86 0.06 -1.06	73.61 0.03 -2.95	400.59 1.28 -4.18	182.71 0.13 -3.57	229.48 0.13 -0.24	161.40 0.24 -3.61	112.13 0.02 -3.96	65.25 0.01 -3.12	51.65 -0.10 -2.11	46.76 -0.17 -0.66	38.57 -0.23 0.00
E_CANADA_CAP_HY 24051	32.08 1.92 0.00	30.75 1.82 0.00	30.68 1.80 0.00	30.90 1.82 0.00	28.06 1.61 0.00	30.01 1.76 0.00	33.44 2.01 0.00	35.38 1.80 0.00	34.29 1.61 0.00	34.06 1.59 0.00	35.50 1.72 0.00	36.09 1.79 0.00	45.80 2.68 0.00	57.03 3.29 0.00	74.71 4.08 0.00	419.00 23.86 0.00	189.98 10.97 0.00	243.80 14.69 0.00	168.48 10.94 0.00	116.60 8.45 0.00	106.94 5.06 -39.77	220.87 2.81 -168.41	48.77 2.50 0.00	40.72 1.91 0.00
E_CANADA_MHWK_HY 24050	31.22 1.06 0.00	29.83 0.90 0.00	29.63 0.75 0.00	29.76 0.68 0.00	27.15 0.69 0.00	28.98 0.73 0.00	32.08 0.64 0.00	34.10 0.53 0.00	33.04 0.36 0.00	32.91 0.44 0.00	34.21 0.43 0.00	34.75 0.45 0.00	43.60 0.48 0.00	54.43 0.69 0.00	72.14 1.51 0.00	404.52 9.39 0.00	183.51 4.50 0.00	236.40 7.29 0.00	163.76 6.22 0.00	112.95 4.80 0.00	65.17 3.06 0.00	53.06 3.41 0.00	49.52 3.25 0.00	41.37 2.56 0.00
E_FISHKILL____LBMP 23776	32.10 1.93 0.00	30.70 1.77 0.00	30.41 1.54 0.00	30.56 1.48 0.00	27.83 1.37 0.00	29.77 1.52 0.00	33.18 1.75 0.00	35.61 2.03 0.00	34.85 2.17 0.00	35.09 2.39 -0.23	36.39 2.62 0.00	36.85 2.55 0.00	45.97 2.85 0.00	57.31 3.57 0.00	75.70 5.07 0.00	423.73 28.60 0.00	192.72 13.71 0.00	246.17 17.06 0.00	168.46 10.92 0.00	115.21 7.07 0.00	70.10 3.82 -4.16	69.95 2.68 -17.62	48.73 2.46 0.00	40.99 2.19 0.00
FALCON____SEABRD_CC1 323796	30.13 -0.03 0.00	28.99 0.06 0.00	29.18 0.30 0.00	29.42 0.34 0.00	26.79 0.33 0.00	28.56 0.31 0.00	31.77 0.34 0.00	33.89 0.31 0.00	32.78 0.11 0.00	32.46 0.00 0.00	33.58 -0.19 0.00	33.53 -0.77 0.00	42.02 -1.10 0.00	51.77 -1.97 0.00	67.74 -2.89 0.00	376.05 -19.09 0.00	169.81 -9.20 0.00	218.96 -10.15 0.00	150.63 -6.91 0.00	103.74 -4.41 0.00	59.75 -2.37 0.00	48.67 -0.97 0.00	46.33 0.06 0.00	38.95 0.15 0.00

FALCON___SEABRD_CC2 323797	30.13 -0.03 0.00	28.99 0.06 0.00	29.18 0.30 0.00	29.42 0.34 0.00	26.79 0.33 0.00	28.56 0.31 0.00	31.77 0.34 0.00	33.89 0.31 0.00	32.78 0.11 0.00	32.46 0.00 0.00	33.58 -0.19 0.00	33.53 -0.77 0.00	42.02 -1.10 0.00	51.77 -1.97 0.00	67.74 -2.89 0.00	376.05 -19.09 0.00	169.81 -9.20 0.00	218.96 -10.15 0.00	150.63 -6.91 0.00	103.74 -4.41 0.00	59.75 -2.37 0.00	48.67 -0.97 0.00	46.33 0.06 0.00	38.95 0.15 0.00
FAR ROCKAWAY___4 23548	84.14 3.26 -50.72	38.32 3.02 -6.37	38.48 2.72 -6.89	38.48 2.65 -6.74	38.16 2.43 -9.27	34.14 2.68 -3.22	38.55 3.10 -4.02	38.07 3.56 -0.93	127.23 3.77 -90.78	73.88 3.84 -37.57	53.10 4.22 -15.11	53.44 4.22 -14.93	88.39 4.81 -40.46	125.46 5.88 -65.84	170.44 8.07 -91.73	612.50 46.40 -170.97	836.04 22.02 -635.02	1171.29 27.44 -914.74	1001.29 17.61 -826.13	163.18 11.33 -43.71	73.45 6.23 -5.10	71.25 4.39 -17.21	88.71 4.10 -38.34	43.70 3.76 -1.13
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.68 2.52 0.00	31.22 2.29 0.00	30.87 1.99 0.00	31.00 1.93 0.00	28.24 1.79 0.00	30.22 1.97 0.00	33.77 2.34 0.00	36.34 2.77 0.00	35.67 3.00 0.00	36.43 3.29 -0.68	37.37 3.60 0.00	37.81 3.51 0.00	47.06 3.95 0.00	58.54 4.80 0.00	77.33 6.70 0.00	432.92 37.78 0.00	196.84 17.83 0.00	250.54 21.42 0.00	171.08 13.53 0.00	117.00 8.86 0.00	70.90 4.72 -4.07	70.16 3.30 -17.22	49.29 3.02 0.00	41.58 2.78 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.72 2.56 0.00	31.25 2.32 0.00	30.90 2.02 0.00	31.03 1.95 0.00	28.27 1.81 0.00	30.24 1.99 0.00	33.80 2.36 0.00	36.37 2.79 0.00	35.69 3.02 0.00	36.45 3.31 -0.68	37.40 3.62 0.00	37.84 3.54 0.00	47.11 3.99 0.00	58.59 4.85 0.00	77.40 6.77 0.00	433.31 38.18 0.00	197.02 18.01 0.00	250.79 21.68 0.00	171.24 13.69 0.00	117.12 8.97 0.00	70.97 4.79 -4.07	70.21 3.35 -17.22	49.34 3.07 0.00	41.62 2.82 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.66 2.50 0.00	31.20 2.27 0.00	30.84 1.96 0.00	30.99 1.91 0.00	28.23 1.77 0.00	30.21 1.96 0.00	33.75 2.32 0.00	36.32 2.74 0.00	35.65 2.97 0.00	36.40 3.26 -0.68	37.34 3.57 0.00	37.78 3.48 0.00	47.02 3.90 0.00	58.49 4.75 0.00	77.26 6.63 0.00	432.52 37.39 0.00	196.66 17.65 0.00	250.30 21.19 0.00	170.92 13.38 0.00	116.89 8.74 0.00	70.84 4.65 -4.07	70.11 3.25 -17.22	49.25 2.98 0.00	41.54 2.74 0.00
FARRAGUT___LBMP 323566	32.64 2.47 0.00	31.18 2.25 0.00	30.82 1.95 0.00	30.96 1.89 0.00	28.20 1.74 0.00	30.18 1.93 0.00	33.72 2.29 0.00	36.28 2.70 0.00	35.61 2.93 0.00	36.36 3.21 -0.68	37.30 3.52 0.00	37.74 3.44 0.00	46.96 3.84 0.00	58.41 4.67 0.00	77.17 6.54 0.00	432.07 36.94 0.00	196.44 17.43 0.00	250.02 20.91 0.00	170.72 13.18 0.00	116.78 8.63 0.00	70.77 4.59 -4.07	70.06 3.20 -17.22	49.20 2.93 0.00	41.51 2.71 0.00
FENNER___WINDPWR 24204	30.92 0.75 0.00	29.61 0.66 -0.02	29.42 0.54 0.00	29.64 0.55 0.00	26.96 0.50 0.00	28.83 0.58 0.00	32.24 0.75 -0.05	34.39 0.81 0.00	33.49 0.82 0.00	33.34 0.87 0.00	34.74 0.97 0.00	35.35 1.06 0.00	44.60 1.48 0.00	56.56 1.85 -0.98	75.79 2.44 -2.72	414.03 15.04 -3.86	188.96 6.66 -3.29	238.08 8.75 -0.22	167.35 6.48 -3.33	116.45 4.65 -3.66	67.80 2.81 -2.88	53.72 2.13 -1.95	48.72 1.84 -0.61	40.15 1.35 0.00
FIBERTEK___ENERGY 23856	30.16 -0.01 0.00	28.96 -0.01 -0.04	28.74 -0.14 0.00	28.93 -0.16 0.00	26.31 -0.15 0.00	28.12 -0.13 0.00	31.48 -0.07 -0.12	33.51 -0.07 0.00	32.67 -0.01 0.00	32.52 0.06 0.00	33.89 0.11 0.00	34.50 0.20 0.00	43.57 0.45 0.00	56.51 0.48 -2.28	77.50 0.51 -6.36	408.85 4.71 -9.01	188.32 1.63 -7.69	231.77 2.15 -0.51	166.97 1.63 -7.79	117.71 1.02 -8.54	69.43 0.58 -6.73	54.51 0.32 -4.55	47.93 0.24 -1.42	38.97 0.17 0.00
FITZPATRICK____ 23598	29.31 -0.85 0.00	27.89 -0.83 0.21	27.97 -0.90 0.00	28.18 -0.90 0.00	25.64 -0.81 0.00	27.39 -0.86 0.00	29.81 -0.93 0.69	32.60 -0.98 0.00	31.75 -0.93 0.00	31.59 -0.88 0.00	32.93 -0.85 0.00	33.52 -0.78 0.00	42.25 -0.87 13.74	38.84 -1.16 38.27	30.78 -1.58 54.23	332.49 -8.42 46.25	128.73 -4.02 3.08	220.93 -5.10 46.88	107.26 -3.41 51.40	54.39 -2.36 40.51	20.27 -1.33 27.36	21.16 -1.12 8.57	36.62 -1.08 0.00	37.84 -0.97 0.00
FLOWRFLD_69_KV_BK1 356044	35.44 3.05 -2.23	38.20 2.90 -6.37	38.40 2.63 -6.89	38.40 2.57 -6.74	38.08 2.36 -9.27	34.04 2.57 -3.22	38.40 2.95 -4.02	37.88 3.37 -0.93	39.38 3.57 -3.14	73.89 3.85 -37.57	105.05 4.21 -67.06	154.97 4.13 -116.55	271.49 4.84 -223.53	405.78 5.86 -346.18	227.02 8.01 -148.38	668.71 43.98 -229.60	296.13 20.47 -96.65	360.47 25.49 -105.86	285.92 16.21 -112.16	265.85 10.65 -147.06	283.96 5.95 -215.90	72.93 3.98 -19.29	70.29 3.72 -20.29	43.36 3.43 -1.13
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.61 2.45 0.00	31.16 2.23 0.00	30.86 1.98 0.00	30.99 1.92 0.00	28.22 1.76 0.00	30.17 1.91 0.00	33.67 2.23 0.00	36.15 2.58 0.00	35.41 2.73 0.00	35.46 2.99 0.00	37.07 3.30 0.00	37.57 3.27 0.00	47.00 3.88 0.00	58.64 4.90 0.00	77.44 6.81 0.00	434.71 39.58 0.00	197.71 18.70 0.00	252.66 23.55 0.00	173.00 15.46 0.00	118.29 10.14 0.00	71.85 5.48 -4.26	71.59 3.93 -18.02	49.82 3.55 0.00	41.79 2.99 0.00
FORT ORANGE____ 23900	31.24 1.07 0.00	29.92 0.99 0.00	29.82 0.94 0.00	29.96 0.88 0.00	27.32 0.86 0.00	29.14 0.89 0.00	32.29 0.86 0.00	34.42 0.85 0.00	33.34 0.66 0.00	33.29 0.71 -0.11	34.44 0.67 0.00	34.89 0.59 0.00	43.53 0.41 0.00	54.36 0.63 0.00	71.76 1.13 0.00	400.74 5.61 0.00	181.98 2.97 0.00	233.95 4.84 0.00	161.02 3.48 0.00	110.69 2.54 0.00	87.05 1.47 -23.48	150.29 1.23 -99.42	47.52 1.25 0.00	39.89 1.09 0.00
FORT_DRUM_COGEN 23780	30.66 0.50 0.00	29.35 0.39 -0.03	29.22 0.33 0.00	29.43 0.35 0.00	26.78 0.33 0.00	28.62 0.37 0.00	32.11 0.58 -0.10	34.11 0.53 0.00	33.14 0.47 0.00	32.90 0.44 0.00	34.05 0.27 0.00	34.60 0.30 0.00	43.66 0.54 0.00	56.73 0.93 -2.06	77.19 0.83 -5.73	404.33 1.08 -8.12	187.07 1.14 -6.93	232.02 2.45 -0.46	167.53 2.96 -7.02	119.47 3.63 -7.69	71.05 2.87 -6.06	56.43 2.69 -4.10	49.54 1.98 -1.28	39.92 1.11 0.00
FOX_HILLS___ESR 323835	32.75 2.59 0.00	31.26 2.33 0.00	30.90 2.02 0.00	31.02 1.94 0.00	28.26 1.80 0.00	30.23 1.98 0.00	33.78 2.35 0.00	36.29 2.72 0.00	35.68 3.00 0.00	37.21 3.27 -1.47	37.40 3.60 -0.02	37.75 3.45 0.00	47.02 3.90 0.00	58.48 4.74 0.00	77.31 6.68 0.00	431.48 36.35 0.00	196.29 17.29 0.00	249.39 20.28 0.00	170.39 12.85 0.00	116.89 8.59 -0.15	71.42 4.81 -4.49	128.87 3.31 -75.92	49.16 2.89 0.00	41.55 2.75 0.00
FPL FAR_ROCK_GT1 24212	84.15 3.26 -50.73	38.33 3.03 -6.38	38.49 2.72 -6.89	38.48 2.65 -6.75	38.16 2.43 -9.27	34.15 2.67 -3.22	38.56 3.10 -4.02	38.07 3.56 -0.93	127.23 3.77 -90.78	73.88 3.84 -37.57	53.10 4.22 -15.11	53.45 4.22 -14.93	88.39 4.81 -40.46	125.47 5.88 -65.84	170.44 8.07 -91.73	612.19 46.09 -170.97	836.04 22.01 -635.02	1171.28 27.42 -914.74	1001.29 17.61 -826.14	163.18 11.33 -43.71	73.45 6.24 -5.10	71.25 4.39 -17.21	88.71 4.10 -38.34	43.70 3.76 -1.14

FPL FAR_ROCK_GT2 23815	84.15 3.26 -50.73	38.33 3.03 -6.38	38.49 2.72 -6.89	38.48 2.65 -6.75	38.16 2.43 -9.27	34.15 2.67 -3.22	38.56 3.10 -4.02	38.07 3.56 -0.93	127.23 3.77 -90.78	73.88 3.84 -37.57	53.10 4.22 -15.11	53.45 4.22 -14.93	88.39 4.81 -40.46	125.47 5.88 -65.84	170.44 8.07 -91.73	612.19 46.09 -170.97	836.04 22.01 -635.02	1171.28 27.42 -914.74	1001.29 17.61 -826.14	163.18 11.33 -43.71	73.45 6.24 -5.10	71.25 4.39 -17.21	88.71 4.10 -38.34	43.70 3.76 -1.14
FRANKLIN_FALL_HYD 24054	29.82 -0.35 0.00	28.67 -0.26 0.00	28.87 -0.01 0.00	29.04 -0.04 0.00	26.41 -0.05 0.00	28.18 -0.07 0.00	31.36 -0.07 0.00	33.48 -0.09 0.00	32.37 -0.30 0.00	32.04 -0.43 0.00	33.20 -0.57 0.00	33.55 -0.74 0.00	42.27 -0.85 0.00	52.56 -1.18 0.00	68.76 -1.87 0.00	381.40 -13.73 0.00	172.55 -6.46 0.00	221.99 -7.12 0.00	152.94 -4.60 0.00	105.69 -2.45 0.00	60.93 -1.18 0.00	49.32 -0.32 0.00	46.05 -0.22 0.00	38.51 -0.30 0.00
FREEPORT_EQUS_GT1 23764	33.86 2.98 -0.72	38.07 2.77 -6.37	38.24 2.46 -6.89	38.24 2.41 -6.75	37.94 2.22 -9.27	33.89 2.41 -3.22	38.26 2.81 -4.02	37.76 3.25 -0.93	36.51 3.43 -0.41	73.74 3.70 -37.57	46.89 3.94 -9.17	49.33 3.80 -11.23	56.42 4.46 -8.84	76.39 5.43 -17.23	92.07 7.37 -14.06	509.55 41.51 -72.90	506.40 19.87 -307.52	656.11 24.93 -402.07	315.23 15.85 -141.83	125.03 10.16 -6.72	72.78 5.57 -5.10	70.82 3.96 -17.21	76.43 3.75 -26.41	43.38 3.45 -1.13
FREEPORT___CT2 23818	33.86 2.98 -0.72	38.07 2.77 -6.37	38.24 2.46 -6.89	38.24 2.41 -6.75	37.94 2.22 -9.27	33.89 2.41 -3.22	38.26 2.81 -4.02	37.76 3.25 -0.93	36.51 3.43 -0.41	73.74 3.70 -37.57	46.89 3.94 -9.17	49.33 3.80 -11.23	56.42 4.46 -8.84	76.39 5.43 -17.23	92.07 7.37 -14.06	509.55 41.51 -72.90	506.40 19.87 -307.52	656.11 24.93 -402.07	315.23 15.85 -141.83	125.03 10.16 -6.72	72.78 5.57 -5.10	70.82 3.96 -17.21	76.43 3.75 -26.41	43.38 3.45 -1.13
FRESHKLS_33_KV_LOAD 356253	32.72 2.55 0.00	31.21 2.28 0.00	30.86 1.98 0.00	30.99 1.91 0.00	28.23 1.77 0.00	30.19 1.94 0.00	33.47 2.28 0.25	36.04 2.61 0.15	35.57 2.89 0.00	36.49 3.15 -0.87	36.98 3.48 0.28	37.65 3.35 0.00	46.58 3.79 0.33	41.13 4.59 17.20	57.93 6.48 19.18	409.59 35.23 20.78	195.49 16.96 0.48	249.07 19.96 0.00	170.34 12.79 0.00	116.96 8.66 -0.15	71.51 4.90 -4.49	128.93 3.36 -75.92	49.09 2.82 0.00	41.49 2.69 0.00
FULTON COGEN____ 23766	29.74 -0.42 0.00	28.56 -0.44 -0.07	28.33 -0.55 0.00	28.53 -0.55 0.00	25.95 -0.51 0.00	27.73 -0.52 0.00	31.19 -0.47 -0.22	33.12 -0.46 0.00	32.26 -0.42 0.00	32.07 -0.40 0.00	33.45 -0.33 0.00	34.03 -0.27 0.00	42.94 -0.18 0.00	58.19 -0.26 -4.71	83.43 -0.31 -13.11	412.65 -1.07 -18.59	194.01 -0.85 -15.85	229.17 -0.99 -1.06	173.14 -0.47 -16.06	125.43 -0.33 -17.61	75.87 -0.13 -13.88	58.82 -0.20 -9.38	48.92 -0.29 -2.94	38.45 -0.35 0.00
FULTON___LFGE 323630	33.75 3.59 0.00	32.26 3.33 0.00	32.09 3.20 0.00	32.27 3.19 0.00	29.33 2.87 0.00	31.38 3.13 0.00	34.53 3.10 0.00	35.33 1.75 0.00	33.72 1.04 0.00	33.54 1.08 0.00	34.70 0.93 0.00	34.74 0.44 0.00	44.34 1.23 0.00	55.64 1.90 0.00	73.26 2.63 0.00	413.61 18.48 0.00	189.69 10.68 0.00	252.05 22.94 0.00	178.40 20.86 0.00	125.82 17.67 0.00	116.00 10.75 -43.13	239.50 7.21 -182.65	52.56 6.28 0.00	43.61 4.80 0.00
G.F.CEMENT___DRP 24184	32.39 2.22 0.00	30.89 1.96 0.00	30.68 1.80 0.00	30.86 1.79 0.00	28.15 1.69 0.00	30.15 1.90 0.00	33.48 2.05 0.00	35.69 2.11 0.00	34.63 1.96 0.00	34.56 1.99 -0.10	35.74 1.96 0.00	36.45 2.16 0.00	45.67 2.55 0.00	57.13 3.38 0.00	75.78 5.15 0.00	424.80 29.66 0.00	192.90 13.88 0.00	248.78 19.67 0.00	172.36 14.82 0.00	118.41 10.26 0.00	113.45 6.00 -45.34	245.68 4.04 -192.00	49.93 3.66 0.00	41.84 3.03 0.00
GARDENVILLE___LBMP 24039	29.58 -0.59 0.00	28.41 -0.52 0.00	28.06 -0.82 0.00	28.43 -0.65 0.00	25.74 -0.72 0.00	27.58 -0.67 0.00	30.80 -0.63 0.00	32.73 -0.85 0.00	32.05 -0.62 0.00	32.01 -0.46 0.00	33.75 -0.03 0.00	34.68 0.39 0.00	44.54 1.42 0.00	54.69 0.95 0.00	70.81 0.17 0.00	408.78 3.34 -10.30	178.30 -0.71 0.00	226.41 -2.73 -0.03	156.53 -1.72 -0.70	108.01 -1.30 -1.17	62.05 -0.06 0.00	49.68 0.03 0.00	46.63 0.36 0.00	39.05 0.25 0.00
GARDNVLA_35_KV_LD 355827	29.71 -0.46 0.00	28.53 -0.40 0.00	28.17 -0.71 0.00	28.53 -0.55 0.00	25.84 -0.62 0.00	27.68 -0.57 0.00	30.91 -0.53 0.00	32.85 -0.73 0.00	32.18 -0.50 0.00	32.15 -0.32 0.00	33.92 0.14 0.00	34.89 0.59 0.00	44.82 1.70 0.00	55.06 1.32 0.00	71.35 0.71 0.00	422.08 6.46 -20.48	179.76 0.75 0.00	228.37 -0.85 -0.11	159.84 -0.48 -2.77	112.24 -0.48 -4.58	62.52 0.40 -0.01	50.00 0.36 0.00	46.91 0.64 0.00	39.27 0.46 0.00
GELCKHM___115KV_LOAD 80723	29.94 -0.22 0.00	28.73 -0.22 -0.02	28.54 -0.34 0.00	28.73 -0.35 0.00	26.14 -0.32 0.00	27.92 -0.33 0.00	31.22 -0.30 -0.08	33.28 -0.29 0.00	32.46 -0.21 0.00	32.33 -0.14 0.00	33.71 -0.06 0.00	34.33 0.04 0.00	43.34 0.22 0.00	55.44 0.20 -1.50	74.99 0.19 -4.17	403.43 2.39 -5.91	184.68 0.64 -5.04	230.26 0.82 -0.34	163.37 0.72 -5.11	114.13 0.39 -5.60	66.74 0.21 -4.41	52.68 0.05 -2.98	47.18 -0.03 -0.93	38.71 -0.09 0.00
GENERAL___MILLS 23808	29.64 -0.52 0.00	28.47 -0.46 0.00	28.12 -0.76 0.00	28.49 -0.59 0.00	25.79 -0.67 0.00	27.63 -0.62 0.00	30.86 -0.57 0.00	32.79 -0.79 0.00	32.11 -0.56 0.00	32.08 -0.38 0.00	33.83 0.05 0.00	34.78 0.48 0.00	44.67 1.55 0.00	54.87 1.13 0.00	71.06 0.43 0.00	417.73 4.87 -17.73	179.00 -0.01 0.00	227.34 -1.83 -0.05	157.64 -1.12 -1.22	109.25 -0.90 -2.01	62.29 0.17 0.00	49.83 0.19 0.00	46.77 0.50 0.00	39.15 0.35 0.00
GE_PLASTICS___DRP 24183	31.09 0.92 0.00	29.80 0.87 0.00	29.70 0.83 0.00	29.86 0.79 0.00	27.22 0.76 0.00	29.05 0.80 0.00	32.22 0.79 0.00	34.40 0.83 0.00	33.46 0.79 0.00	33.38 0.81 -0.11	34.50 0.72 0.00	34.86 0.56 0.00	43.50 0.38 0.00	54.31 0.57 0.00	71.62 0.99 0.00	399.95 4.81 0.00	181.45 2.44 0.00	232.62 3.50 0.00	159.99 2.44 0.00	109.77 1.62 0.00	82.35 0.96 -19.28	132.09 0.79 -81.65	47.18 0.91 0.00	39.80 1.00 0.00
GILBOA___1 23756	31.26 1.10 0.00	30.06 1.13 0.00	30.08 1.21 0.00	30.27 1.19 0.00	27.55 1.09 0.00	29.28 1.03 0.00	32.48 1.05 0.00	34.55 0.97 0.00	33.70 1.03 0.00	33.62 1.15 0.00	35.03 1.26 0.00	35.53 1.23 0.00	44.48 1.36 0.00	55.30 1.56 0.00	72.71 2.08 0.00	404.54 9.41 0.00	183.52 4.51 0.00	235.07 5.96 0.00	161.76 4.21 0.00	110.95 2.80 0.00	66.24 1.58 -2.55	61.63 1.19 -10.79	47.56 1.29 0.00	39.96 1.16 0.00
GILBOA___2 23757	31.26 1.10 0.00	30.06 1.13 0.00	30.08 1.21 0.00	30.27 1.19 0.00	27.55 1.09 0.00	29.28 1.03 0.00	32.48 1.05 0.00	34.55 0.97 0.00	33.70 1.03 0.00	33.62 1.15 0.00	35.03 1.26 0.00	35.53 1.23 0.00	44.48 1.36 0.00	55.30 1.56 0.00	72.71 2.08 0.00	404.54 9.41 0.00	183.52 4.51 0.00	235.07 5.96 0.00	161.76 4.21 0.00	110.95 2.80 0.00	66.24 1.58 -2.55	61.63 1.19 -10.79	47.56 1.29 0.00	39.96 1.16 0.00

GILBOA___3 23758	31.26 1.10 0.00	30.06 1.13 0.00	30.08 1.21 0.00	30.27 1.19 0.00	27.55 1.09 0.00	29.28 1.03 0.00	32.48 1.05 0.00	34.55 0.97 0.00	33.70 1.03 0.00	33.62 1.15 0.00	35.03 1.26 0.00	35.53 1.23 0.00	44.48 1.36 0.00	55.30 1.56 0.00	72.71 2.08 0.00	404.54 9.41 0.00	183.52 4.51 0.00	235.07 5.96 0.00	161.76 4.21 0.00	110.95 2.80 0.00	66.24 1.58 -2.55	61.63 1.19 -10.79	47.56 1.29 0.00	39.96 1.16 0.00
GILBOA___4 23759	31.26 1.10 0.00	30.06 1.13 0.00	30.08 1.21 0.00	30.27 1.19 0.00	27.55 1.09 0.00	29.28 1.03 0.00	32.48 1.05 0.00	34.55 0.97 0.00	33.70 1.03 0.00	33.62 1.15 0.00	35.03 1.26 0.00	35.53 1.23 0.00	44.48 1.36 0.00	55.30 1.56 0.00	72.71 2.08 0.00	404.54 9.41 0.00	183.52 4.51 0.00	235.07 5.96 0.00	161.76 4.21 0.00	110.95 2.80 0.00	66.24 1.58 -2.55	61.63 1.19 -10.79	47.56 1.29 0.00	39.96 1.16 0.00
GILBOA___ 23599	31.26 1.10 0.00	30.06 1.13 0.00	30.08 1.20 0.00	30.27 1.19 0.00	27.55 1.09 0.00	29.28 1.03 0.00	32.48 1.05 0.00	34.55 0.98 0.00	33.70 1.03 0.00	33.62 1.15 0.00	35.03 1.26 0.00	35.53 1.24 0.00	44.48 1.36 0.00	55.30 1.56 0.00	72.71 2.08 0.00	404.55 9.42 0.00	183.53 4.52 0.00	235.05 5.94 0.00	161.78 4.23 0.00	110.95 2.81 0.00	66.23 1.57 -2.55	61.62 1.19 -10.79	47.56 1.29 0.00	39.96 1.16 0.00
GINNA___ 23603	28.69 -1.47 0.00	27.50 -1.43 0.00	27.29 -1.59 0.00	27.52 -1.56 0.00	25.00 -1.46 0.00	26.76 -1.49 0.00	29.86 -1.57 0.00	31.87 -1.70 0.00	31.14 -1.53 0.00	31.09 -1.38 0.00	32.64 -1.13 0.00	33.47 -0.83 0.00	42.66 -0.46 0.00	52.91 -0.83 0.00	69.02 -1.61 0.00	387.10 -8.03 0.00	174.42 -4.60 0.00	222.54 -6.57 0.00	153.45 -4.09 0.00	105.40 -2.74 0.00	60.55 -1.56 0.00	48.37 -1.28 0.00	45.10 -1.17 0.00	37.67 -1.13 0.00
GLEN PARK___ 23778	30.81 0.64 0.00	29.47 0.51 -0.03	29.33 0.45 0.00	29.54 0.46 0.00	26.89 0.43 0.00	28.72 0.47 0.00	32.24 0.70 -0.10	34.24 0.67 0.00	33.27 0.60 0.00	33.05 0.58 0.00	34.19 0.42 0.00	34.74 0.44 0.00	43.80 0.68 0.00	57.04 1.13 -2.17	77.78 1.12 -6.03	405.99 2.31 -8.54	188.03 1.74 -7.29	233.06 3.46 -0.49	168.66 3.73 -7.39	120.48 4.24 -8.10	71.81 3.31 -6.38	57.07 3.11 -4.31	49.96 2.34 -1.35	40.18 1.38 0.00
GLENDALE_27_KV_LOAD 356172	32.89 2.73 0.00	31.41 2.47 0.00	31.05 2.17 0.00	31.18 2.10 0.00	28.42 1.96 0.00	30.40 2.15 0.00	34.01 2.58 0.00	36.58 3.01 0.00	35.95 3.27 0.00	37.49 3.55 -1.47	37.66 3.86 -0.02	38.02 3.73 0.00	47.34 4.22 0.00	58.92 5.18 0.00	77.85 7.22 0.00	435.40 40.27 0.00	197.96 18.95 0.00	251.71 22.60 0.00	171.84 14.29 0.00	117.52 9.37 0.00	71.27 5.09 -4.07	70.42 3.56 -17.22	49.51 3.24 0.00	41.79 2.99 0.00
GLENWOOD_IC_1_G5 23712	35.37 2.98 -2.23	38.05 2.75 -6.37	38.22 2.45 -6.89	38.21 2.39 -6.74	37.93 2.20 -9.27	33.87 2.41 -3.22	38.25 2.80 -4.02	37.76 3.25 -0.93	39.28 3.47 -3.14	73.81 3.78 -37.57	47.44 4.08 -9.58	51.06 3.96 -12.80	58.25 4.54 -10.59	83.80 5.54 -24.53	112.11 7.61 -33.87	625.66 43.17 -187.35	990.75 20.50 -791.24	1304.87 25.39 -1050.37	582.42 16.08 -408.79	137.98 10.36 -19.48	72.82 5.61 -5.10	70.69 3.84 -17.21	74.69 3.54 -24.89	43.35 3.42 -1.13
GLENWOOD_IC_2_G1 23688	35.26 2.87 -2.23	37.96 2.66 -6.37	38.14 2.36 -6.89	38.13 2.31 -6.75	37.84 2.12 -9.27	33.79 2.32 -3.22	38.14 2.69 -4.02	37.63 3.12 -0.93	39.14 3.33 -3.14	73.66 3.62 -37.57	47.66 3.95 -9.94	53.16 3.89 -14.97	59.43 4.52 -11.80	92.38 5.49 -33.15	137.83 7.52 -59.68	790.07 42.74 -352.20	1691.12 20.26 -1491.84	2240.26 25.10 -1986.05	946.41 15.91 -772.96	155.11 10.28 -36.69	72.82 5.61 -5.10	70.73 3.87 -17.21	73.26 3.56 -23.42	43.22 3.28 -1.13
GLENWOOD_IC_3_G1 23689	35.26 2.87 -2.23	37.96 2.66 -6.37	38.14 2.36 -6.89	38.13 2.31 -6.75	37.84 2.12 -9.27	33.79 2.32 -3.22	38.14 2.69 -4.02	37.63 3.12 -0.93	39.14 3.33 -3.14	73.66 3.62 -37.57	47.66 3.95 -9.94	53.16 3.89 -14.97	59.43 4.52 -11.80	92.38 5.49 -33.15	137.83 7.52 -59.68	790.07 42.74 -352.20	1691.12 20.26 -1491.84	2240.26 25.10 -1986.05	946.41 15.91 -772.96	155.11 10.28 -36.69	72.82 5.61 -5.10	70.73 3.87 -17.21	73.26 3.56 -23.42	43.22 3.28 -1.13
GLENWOOD___4 23550	35.37 2.98 -2.23	38.05 2.75 -6.37	38.22 2.45 -6.89	38.21 2.39 -6.74	37.93 2.20 -9.27	33.87 2.41 -3.22	38.25 2.80 -4.02	37.76 3.25 -0.93	39.28 3.47 -3.14	73.81 3.78 -37.57	47.47 4.11 -9.58	51.12 4.02 -12.80	58.36 4.64 -10.59	83.93 5.66 -24.53	112.27 7.77 -33.87	626.80 44.32 -187.35	991.19 20.94 -791.24	1305.41 25.93 -1050.37	582.79 16.45 -408.79	138.22 10.59 -19.48	72.98 5.77 -5.10	70.81 3.95 -17.21	74.79 3.63 -24.89	43.35 3.42 -1.13
GLENWOOD___5 23614	35.37 2.98 -2.23	38.05 2.75 -6.37	38.22 2.45 -6.89	38.21 2.39 -6.74	37.93 2.20 -9.27	33.87 2.41 -3.22	38.25 2.80 -4.02	37.76 3.25 -0.93	39.28 3.47 -3.14	73.81 3.78 -37.57	47.47 4.11 -9.58	51.12 4.02 -12.80	58.36 4.64 -10.59	83.93 5.66 -24.53	112.27 7.77 -33.87	626.80 44.32 -187.35	991.19 20.94 -791.24	1305.41 25.93 -1050.37	582.79 16.45 -408.79	138.22 10.59 -19.48	72.98 5.77 -5.10	70.81 3.95 -17.21	74.79 3.63 -24.89	43.35 3.42 -1.13
GLOBAL GREEN_PORT_GT1 23814	36.90 4.50 -2.23	39.49 4.18 -6.37	39.64 3.86 -6.89	39.63 3.80 -6.75	39.18 3.45 -9.27	35.21 3.73 -3.22	39.83 4.38 -4.02	39.49 4.98 -0.93	41.07 5.26 -3.14	75.00 4.96 -37.57	91.78 5.52 -52.49	129.74 5.60 -89.84	219.60 6.91 -169.57	325.01 8.36 -262.90	193.05 11.27 -111.14	629.43 64.49 -169.82	297.22 30.17 -88.04	367.29 37.58 -100.60	269.60 23.68 -88.37	228.21 15.01 -105.06	233.88 8.99 -162.78	74.38 5.97 -18.77	71.67 5.16 -20.24	45.09 5.16 -1.13
GLOBE___DSASP 323697	28.45 -1.72 0.00	27.39 -1.54 0.00	27.12 -1.76 0.00	27.47 -1.61 0.00	24.88 -1.57 0.00	26.64 -1.61 0.00	29.62 -1.81 0.00	31.35 -2.23 0.00	30.61 -2.06 0.00	30.52 -1.95 0.00	32.17 -1.60 0.00	33.08 -1.21 0.00	42.51 -0.61 0.00	52.14 -1.61 0.00	67.22 -3.41 0.00	300.22 -19.22 75.69	168.67 -10.33 0.01	213.93 -14.96 0.22	142.31 -10.04 5.19	92.71 -6.88 8.55	58.75 -3.35 0.01	47.34 -2.30 0.00	44.59 -1.68 0.00	37.51 -1.29 0.00
GOETHSLN___LBMP 323567	32.48 2.32 0.00	31.04 2.11 0.00	30.68 1.80 0.00	30.82 1.73 0.00	28.06 1.60 0.00	30.02 1.77 0.00	33.15 2.11 0.39	35.86 2.53 0.24	35.43 2.76 0.00	36.20 3.05 -0.68	37.13 3.36 0.00	37.56 3.27 0.00	46.40 3.61 0.33	40.93 4.39 17.19	57.58 6.12 19.17	408.62 34.28 20.79	190.62 16.38 4.77	216.49 19.68 32.31	142.47 12.35 27.43	101.99 8.00 14.16	65.07 4.27 1.32	62.32 2.96 -9.71	40.70 2.73 8.30	37.77 2.54 3.57
GOLAH___69_KV_TB 1_2 80279	30.07 -0.10 0.00	28.84 -0.09 0.00	28.57 -0.30 0.00	28.86 -0.22 0.00	26.19 -0.26 0.00	28.05 -0.20 0.00	31.30 -0.13 0.00	33.35 -0.22 0.00	32.55 -0.13 0.00	32.46 -0.01 0.00	34.12 0.34 0.00	35.02 0.73 0.00	44.76 1.64 0.00	55.35 1.61 0.00	72.02 1.39 0.00	404.14 9.00 0.00	181.72 2.71 0.00	231.71 2.50 -0.10	162.48 2.33 -2.60	114.18 1.72 -4.31	63.38 1.26 0.00	50.70 1.06 0.00	47.38 1.11 0.00	39.59 0.78 0.00

GOODYEAR_LAKE_HYD 323669	31.58 1.42 0.00	30.28 1.35 0.00	30.19 1.31 0.00	30.41 1.32 0.00	27.65 1.19 0.00	29.51 1.26 0.00	32.91 1.48 0.00	35.11 1.54 0.00	34.31 1.64 0.00	34.22 1.75 0.00	35.71 1.94 0.00	36.27 1.98 0.00	45.78 2.65 0.00	56.92 3.18 0.00	74.71 4.08 0.00	418.55 23.41 0.00	189.62 10.61 0.00	242.62 13.50 0.00	167.06 9.52 0.00	114.61 6.46 0.00	79.05 3.63 -13.31	108.45 2.44 -56.37	48.50 2.23 0.00	40.55 1.75 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.53 0.36 0.00	29.29 0.34 -0.01	29.00 0.12 0.00	29.29 0.21 0.00	26.60 0.14 0.00	28.45 0.19 0.00	31.87 0.39 -0.05	34.07 0.49 0.00	33.32 0.65 0.00	33.19 0.72 0.00	34.62 0.85 0.00	35.24 0.94 0.00	44.55 1.43 0.00	56.09 1.45 -0.90	74.94 1.81 -2.50	412.76 14.08 -3.54	186.68 4.65 -3.02	234.68 5.37 -0.20	164.46 3.86 -3.06	113.92 2.42 -3.36	68.02 1.54 -4.36	59.68 0.97 -9.07	47.82 0.99 -0.56	39.49 0.68 0.00
GOUDEY___7 23579	30.55 0.39 0.00	29.32 0.37 -0.01	29.02 0.14 0.00	29.31 0.23 0.00	26.62 0.16 0.00	28.47 0.22 0.00	31.90 0.42 -0.05	34.10 0.52 0.00	33.36 0.68 0.00	33.23 0.76 0.00	34.66 0.89 0.00	35.28 0.99 0.00	44.61 1.49 0.00	56.16 1.53 -0.90	75.04 1.91 -2.50	413.47 14.79 -3.54	186.99 4.96 -3.02	235.06 5.75 -0.20	164.75 4.14 -3.06	114.07 2.57 -3.36	68.10 1.63 -4.36	59.74 1.03 -9.07	47.87 1.04 -0.56	39.53 0.73 0.00
GOUDEY___8 23580	30.53 0.36 0.00	29.29 0.34 -0.01	29.00 0.12 0.00	29.29 0.21 0.00	26.60 0.14 0.00	28.45 0.19 0.00	31.87 0.39 -0.05	34.07 0.49 0.00	33.32 0.65 0.00	33.19 0.72 0.00	34.62 0.85 0.00	35.24 0.94 0.00	44.55 1.43 0.00	56.09 1.45 -0.90	74.94 1.81 -2.50	412.76 14.08 -3.54	186.68 4.65 -3.02	234.68 5.37 -0.20	164.46 3.86 -3.06	113.92 2.42 -3.36	68.02 1.54 -4.36	59.68 0.97 -9.07	47.82 0.99 -0.56	39.49 0.68 0.00
GOWANUS_GT1_1 24077	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.10 20.99 0.00	170.74 13.19 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT1_2 24078	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.10 20.99 0.00	170.74 13.19 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT1_3 24079	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.10 20.99 0.00	170.74 13.19 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT1_4 24080	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.10 20.99 0.00	170.74 13.19 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT1_5 24084	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.10 20.99 0.00	170.74 13.19 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT1_6 24111	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.10 20.99 0.00	170.74 13.19 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT1_7 24112	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.10 20.99 0.00	170.74 13.19 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT1_8 24113	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.10 20.99 0.00	170.74 13.19 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT2_1 24114	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.08 20.97 0.00	170.66 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT2_2 24115	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.08 20.97 0.00	170.66 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT2_3 24116	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.08 20.97 0.00	170.66 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00

GOWANUS_GT2_4 24117	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.08 20.97 0.00	170.66 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT2_5 24118	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.08 20.97 0.00	170.66 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT2_6 24119	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.08 20.97 0.00	170.66 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT2_7 24120	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.08 20.97 0.00	170.66 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT2_8 24121	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.08 20.97 0.00	170.66 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT3_1 24122	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.10 20.99 0.00	170.72 13.17 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT3_2 24123	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.10 20.99 0.00	170.72 13.17 0.00	117.07 8.77 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT3_3 24124	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0																			

GOWANUS_GT4_3 24132	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.08 20.97 0.00	170.67 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT4_4 24133	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.08 20.97 0.00	170.67 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT4_5 24134	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.08 20.97 0.00	170.67 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT4_6 24135	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.08 20.97 0.00	170.67 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT4_7 24136	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.08 20.97 0.00	170.67 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GOWANUS_GT4_8 24137	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.08 20.97 0.00	170.67 13.12 0.00	117.04 8.74 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GREENBSH_115KV_TB3 55895	31.01 0.85 0.00	29.72 0.79 0.00	29.62 0.74 0.00	29.78 0.69 0.00	27.15 0.69 0.00	28.98 0.72 0.00	32.11 0.68 0.00	34.32 0.74 0.00	33.35 0.67 0.00	33.34 0.76 -0.11	34.51 0.73 0.00	34.95 0.66 0.00	43.62 0.50 0.00	54.49 0.75 0.00	71.90 1.27 0.00	401.51 6.37 0.00	182.28 3.27 0.00	233.93 4.82 0.00	160.84 3.30 0.00	110.39 2.24 0.00	87.75 1.25 -24.39	154.03 1.10 -103.29	47.37 1.11 0.00	39.77 0.97 0.00
GREENIDGE_115KV_TB5 80291	30.42 0.26 0.00	29.18 0.24 -0.01	28.84 -0.04 0.00	29.14 0.06 0.00	26.43 -0.02 0.00	28.34 0.09 0.00	31.68 0.21 -0.04	33.73 0.15 0.00	33.02 0.34 0.00	32.83 0.36 0.00	34.37 0.59 0.00	35.15 0.86 0.00	44.78 1.66 0.00	56.24 1.79 -0.71	74.39 1.78 -1.98	409.39 11.45 -2.80	184.01 2.61 -2.39	233.59 4.32 -0.16	163.36 3.39 -2.42	114.22 3.42 -2.66	66.72 2.51 -2.10	52.76 1.70 -1.41	48.21 1.50 -0.44	39.77 0.97 0.00
GREENIDGE___3 23582	30.42 0.26 0.00	29.18 0.24 -0.01	28.84 -0.04 0.00	29.14 0.06 0.00	26.43 -0.02 0.00	28.34 0.09 0.00	31.68 0.21 -0.04	33.73 0.15 0.00	33.02 0.34 0.00	32.83 0.36 0.00	34.37 0.59 0.00	35.15 0.86 0.00	44.78 1.66 0.00	56.24 1.79 -0.71	74.39 1.78 -1.98	409.39 11.45 -2.80	184.01 2.61 -2.39	233.59 4.32 -0.16	163.36 3.39 -2.42	114.22 3.42 -2.66	66.72 2.51 -2.10	52.76 1.70 -1.41	48.21 1.50 -0.44	39.77 0.97 0.00
GREENIDGE___4 23583	30.42 0.26 0.00	29.18 0.24 -0.01	28.85 -0.03 0.00	29.14 0.06 0.00	26.43 -0.02 0.00	28.34 0.09 0.00	31.69 0.22 -0.04	33.73 0.15 0.00	33.02 0.34 0.00	32.83 0.37 0.00	34.38 0.60 0.00	35.15 0.86 0.00	44.78 1.66 0.00	56.24 1.79 -0.71	74.39 1.78 -1.98	409.39 11.45 -2.80	183.98 2.58 -2.39	233.41 4.14 -0.16	163.37 3.40 -2.42	114.26 3.45 -2.66	66.72 2.51 -2.10	52.74 1.68 -1.41	48.21 1.50 -0.44	39.77 0.97 0.00
GREENLWN_69_KV_BK 3 55738	35.01 2.62 -2.23	37.74 2.44 -6.37	37.93 2.16 -6.89	37.95 2.13 -6.74	37.69 1.97 -9.27	33.62 2.15 -3.22	37.86 2.41 -4.02	37.27 2.76 -0.93	38.69 2.88 -3.14	73.17 3.14 -37.57	36.99 3.47 0.25	31.00 3.43 6.73	21.45 4.05 25.73	20.39 4.83 38.19	61.60 6.79 15.82	418.96 38.03 14.20	293.74 18.12 -96.61	378.42 22.41 -126.90	206.51 14.10 -34.86	91.98 9.01 25.17	37.48 4.86 29.49	69.68 3.17 -16.87	69.58 2.87 -20.45	42.59 2.66 -1.13
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.13 21.02 0.00	170.77 13.22 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
GRISSOM___SOLAR 323813	33.75 3.59 0.00	32.26 3.33 0.00	32.09 3.20 0.00	32.27 3.19 0.00	29.33 2.87 0.00	31.38 3.13 0.00	34.53 3.10 0.00	35.33 1.75 0.00	33.72 1.04 0.00	33.54 1.08 0.00	34.70 0.93 0.00	34.74 0.44 0.00	44.34 1.23 0.00	55.64 1.90 0.00	73.26 2.63 0.00	413.61 18.48 0.00	189.69 10.68 0.00	252.05 22.94 0.00	178.40 20.86 0.00	125.82 17.67 0.00	116.00 10.75 -43.13	239.50 7.21 -182.65	52.56 6.28 0.00	43.61 4.80 0.00
GROVEVILLE___HYD 323602	32.61 2.45 0.00	31.16 2.23 0.00	30.86 1.98 0.00	30.99 1.92 0.00	28.22 1.76 0.00	30.17 1.91 0.00	33.67 2.23 0.00	36.15 2.58 0.00	35.41 2.73 0.00	35.46 2.99 0.00	37.07 3.30 0.00	37.57 3.27 0.00	47.00 3.88 0.00	58.64 4.90 0.00	77.44 6.81 0.00	434.71 39.58 0.00	197.71 18.70 0.00	252.66 23.55 0.00	173.00 15.46 0.00	118.29 10.14 0.00	71.85 5.48 -4.26	71.59 3.93 -18.02	49.82 3.55 0.00	41.79 2.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.16 -0.01 0.00	28.96 -0.01 -0.04	28.74 -0.14 0.00	28.93 -0.16 0.00	26.31 -0.15 0.00	28.12 -0.13 0.00	31.48 -0.07 -0.12	33.51 -0.07 0.00	32.67 -0.01 0.00	32.52 0.06 0.00	33.89 0.11 0.00	34.50 0.20 0.00	43.57 0.45 0.00	56.51 0.48 -2.28	77.50 0.51 -6.36	408.85 4.71 -9.01	188.32 1.63 -7.69	231.77 2.15 -0.51	166.97 1.63 -7.79	117.71 1.02 -8.54	69.43 0.58 -6.73	54.51 0.32 -4.55	47.93 0.24 -1.42	38.97 0.17 0.00

HAMLTNNY_34_KV_TB 80303	30.19 0.03 0.00	29.00 0.04 -0.04	28.77 -0.11 0.00	28.96 -0.12 0.00	26.35 -0.11 0.00	28.18 -0.07 0.00	31.54 -0.02 -0.13	33.60 0.02 0.00	32.78 0.11 0.00	32.63 0.17 0.00	34.08 0.30 0.00	34.75 0.45 0.00	43.91 0.79 0.00	57.06 0.90 -2.41	78.33 0.98 -6.71	412.10 7.45 -9.51	189.93 2.80 -8.11	233.26 3.61 -0.54	168.49 2.72 -8.22	119.09 1.93 -9.02	70.35 1.13 -7.11	55.09 0.65 -4.80	48.29 0.51 -1.50	39.11 0.31 0.00
HAMPSHIRE___PAPER_HYD 323593	29.87 -0.30 0.00	28.62 -0.32 -0.01	28.58 -0.30 0.00	28.73 -0.35 0.00	26.14 -0.32 0.00	27.92 -0.33 0.00	31.17 -0.31 -0.04	33.19 -0.39 0.00	32.18 -0.49 0.00	31.88 -0.59 0.00	33.07 -0.71 0.00	33.60 -0.69 0.00	42.38 -0.74 0.00	53.83 -0.76 -0.85	71.56 -1.44 -2.37	388.01 -10.48 -3.35	177.59 -4.27 -2.86	224.84 -4.46 -0.19	158.52 -1.92 -2.90	111.32 0.00 -3.18	65.17 0.55 -2.51	52.06 0.72 -1.69	47.07 0.26 -0.53	38.74 -0.06 0.00
HARDSCRABBLE_WT_PWR 323673	31.13 0.96 0.00	29.75 0.82 0.00	29.58 0.70 0.00	29.73 0.64 0.00	27.11 0.65 0.00	28.93 0.68 0.00	32.07 0.63 0.00	34.14 0.56 0.00	33.10 0.43 0.00	32.99 0.52 0.00	34.31 0.53 0.00	34.86 0.56 0.00	43.76 0.64 0.00	54.59 0.85 0.00	72.27 1.64 0.00	405.24 10.10 0.00	183.64 4.63 0.00	236.26 7.15 0.00	163.42 5.87 0.00	112.58 4.43 0.00	64.87 2.76 0.00	52.59 2.94 0.00	49.06 2.79 0.00	40.99 2.19 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.29 2.13 0.00	30.88 1.95 0.00	30.56 1.68 0.00	30.72 1.64 0.00	27.96 1.50 0.00	29.89 1.64 0.00	33.34 1.91 0.00	35.83 2.26 0.00	35.13 2.46 0.00	34.44 2.72 0.75	36.81 3.04 0.00	37.30 3.01 0.00	46.69 3.57 0.00	58.22 4.49 0.00	76.91 6.28 0.00	431.97 36.84 0.00	196.64 17.62 0.00	250.98 21.87 0.00	171.68 14.14 0.00	117.30 9.16 0.00	70.77 4.92 -3.73	68.94 3.49 -15.81	49.40 3.13 0.00	41.47 2.67 0.00
HARSNRAD_115KV_TB1 81005	29.21 -0.95 0.00	28.09 -0.84 0.00	27.79 -1.09 0.00	28.15 -0.93 0.00	25.49 -0.96 0.00	27.30 -0.95 0.00	30.39 -1.04 0.00	32.13 -1.45 0.00	31.29 -1.39 0.00	31.12 -1.35 0.00	32.78 -1.00 0.00	33.73 -0.57 0.00	43.36 0.24 0.00	53.20 -0.54 0.00	68.73 -1.89 0.00	405.87 -9.60 -20.34	172.62 -6.39 0.00	216.36 -9.98 2.78	77.00 -6.50 74.04	-18.80 -4.42 122.53	60.24 -1.83 0.04	48.44 -1.20 0.00	45.56 -0.72 0.00	38.23 -0.57 0.00
HARZA MOOSE___RIVER 24016	30.87 0.70 0.00	29.54 0.59 -0.01	29.41 0.53 0.00	29.60 0.53 0.00	26.94 0.49 0.00	28.81 0.56 0.00	32.20 0.73 -0.04	34.34 0.76 0.00	33.39 0.71 0.00	33.18 0.71 0.00	34.46 0.69 0.00	35.03 0.73 0.00	44.14 1.02 0.00	55.89 1.45 -0.71	74.26 1.66 -1.96	405.71 7.79 -2.78	185.43 4.05 -2.38	235.13 5.85 -0.16	165.12 5.17 -2.41	115.28 4.49 -2.64	67.09 2.89 -2.08	53.44 2.39 -1.41	48.64 1.93 -0.44	40.12 1.32 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.98 -0.18 0.00	28.75 -0.20 -0.02	28.55 -0.33 0.00	28.76 -0.32 0.00	26.16 -0.30 0.00	27.95 -0.30 0.00	31.24 -0.26 -0.07	33.32 -0.26 0.00	32.52 -0.16 0.00	32.43 -0.04 0.00	33.83 0.06 0.00	34.47 0.17 0.00	43.53 0.40 0.00	55.42 0.42 -1.26	74.65 0.50 -3.51	404.12 4.01 -4.98	184.62 1.37 -4.25	231.10 1.70 -0.28	163.17 1.32 -4.30	113.57 0.71 -4.72	66.21 0.38 -3.72	52.32 0.16 -2.51	47.12 0.07 -0.79	38.76 -0.05 0.00
HELLGATE_13_KV_LD 55870	32.68 2.52 0.00	31.22 2.29 0.00	30.88 2.00 0.00	31.02 1.94 0.00	28.26 1.80 0.00	30.22 1.97 0.00	33.80 2.37 0.00	36.34 2.77 0.00	35.71 3.03 0.00	37.24 3.30 -1.47	37.40 3.60 -0.02	37.75 3.46 0.00	46.98 3.87 0.00	58.49 4.75 0.00	77.30 6.67 0.00	431.95 36.81 0.00	196.52 17.51 0.00	250.02 20.91 0.00	170.66 13.12 0.00	116.79 8.64 0.00	70.86 4.68 -4.07	70.08 3.21 -17.22	49.23 2.96 0.00	41.56 2.76 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.68 2.52 0.00	31.22 2.29 0.00	30.88 2.00 0.00	31.02 1.94 0.00	28.26 1.80 0.00	30.22 1.97 0.00	33.80 2.37 0.00	36.34 2.77 0.00	35.71 3.03 0.00	37.24 3.30 -1.47	37.40 3.60 -0.02	37.75 3.46 0.00	46.98 3.87 0.00	58.49 4.75 0.00	77.30 6.67 0.00	431.95 36.81 0.00	196.52 17.51 0.00	250.02 20.91 0.00	170.66 13.12 0.00	116.79 8.64 0.00	70.86 4.68 -4.07	70.08 3.21 -17.22	49.23 2.96 0.00	41.56 2.76 0.00
HEMPSTEAD____ 23647	33.48 2.76 -0.56	37.85 2.55 -6.37	38.04 2.27 -6.89	38.04 2.21 -6.75	37.76 2.03 -9.27	33.70 2.23 -3.22	38.05 2.60 -4.02	37.53 3.02 -0.93	36.00 3.22 -0.10	73.56 3.52 -37.57	46.80 3.80 -9.23	49.72 3.72 -11.70	56.44 4.32 -9.00	78.01 5.26 -19.01	97.45 7.20 -19.62	545.63 40.75 -109.74	662.78 19.39 -464.38	864.49 24.07 -611.31	394.34 15.14 -221.65	128.38 9.75 -10.48	72.52 5.31 -5.10	70.48 3.63 -17.21	74.60 3.37 -24.96	43.05 3.12 -1.13
HEWLETT_69_KV_BK3 55828	61.31 3.08 -28.06	38.16 2.86 -6.37	38.33 2.56 -6.89	38.32 2.50 -6.74	38.02 2.30 -9.27	34.00 2.52 -3.22	38.37 2.92 -4.02	37.86 3.35 -0.93	86.04 3.56 -49.81	73.76 3.73 -37.57	50.27 4.09 -12.40	51.55 4.06 -13.18	73.86 4.66 -26.09	102.97 5.67 -43.56	134.20 7.77 -55.80	561.54 44.53 -121.88	666.98 21.12 -466.85	911.37 26.23 -656.02	680.04 16.79 -505.70	145.42 10.81 -26.46	73.18 5.97 -5.10	71.05 4.19 -17.21	88.53 3.92 -38.34	43.49 3.56 -1.13
HICKLING___1 23621	30.46 0.29 0.00	29.21 0.27 -0.01	28.76 -0.12 0.00	29.14 0.06 0.00	26.40 -0.06 0.00	28.29 0.03 0.00	31.84 0.37 -0.04	33.86 0.28 0.00	33.31 0.64 0.00	33.21 0.74 0.00	34.78 1.01 0.00	35.49 1.19 0.00	45.12 2.00 0.00	56.36 1.89 -0.73	74.87 2.21 -2.03	418.28 20.27 -2.87	187.03 5.57 -2.45	235.21 5.93 -0.16	164.52 4.49 -2.48	113.70 2.83 -2.72	67.45 1.93 -3.40	57.63 1.22 -6.76	47.98 1.25 -0.45	39.57 0.77 0.00
HICKLING___2 23622	30.46 0.29 0.00	29.21 0.27 -0.01	28.76 -0.12 0.00	29.14 0.06 0.00	26.40 -0.06 0.00	28.29 0.03 0.00	31.84 0.37 -0.04	33.86 0.28 0.00	33.31 0.64 0.00	33.21 0.74 0.00	34.78 1.01 0.00	35.49 1.19 0.00	45.12 2.00 0.00	56.36 1.89 -0.73	74.87 2.21 -2.03	418.28 20.27 -2.87	187.03 5.57 -2.45	235.21 5.93 -0.16	164.52 4.49 -2.48	113.70 2.83 -2.72	67.45 1.93 -3.40	57.63 1.22 -6.76	47.98 1.25 -0.45	39.57 0.77 0.00
HIGH FALLS___HY 23754	32.45 2.29 0.00	31.00 2.07 0.00	30.66 1.78 0.00	30.79 1.70 0.00	28.01 1.55 0.00	29.94 1.69 0.00	33.46 2.03 0.00	35.98 2.40 0.00	35.29 2.62 0.00	35.35 2.88 0.00	36.99 3.21 0.00	37.53 3.23 0.00	46.99 3.87 0.00	58.32 4.58 0.00	77.02 6.39 0.00	434.04 38.91 0.00	197.62 18.61 0.00	252.26 23.15 0.00	172.86 15.32 0.00	118.15 10.00 0.00	73.77 5.39 -6.26	80.19 4.01 -26.53	49.80 3.53 0.00	41.65 2.85 0.00
HIGH_RIVER___SOLAR 323847	31.73 1.57 0.00	30.39 1.46 0.00	30.27 1.39 0.00	30.45 1.37 0.00	27.72 1.26 0.00	29.61 1.36 0.00	32.91 1.48 0.00	34.98 1.41 0.00	33.95 1.27 0.00	33.78 1.32 0.00	35.11 1.33 0.00	35.63 1.34 0.00	44.78 1.66 0.00	55.87 2.13 0.00	73.64 3.01 0.00	412.41 17.28 0.00	187.35 8.34 0.00	240.80 11.69 0.00	166.44 8.89 0.00	114.85 6.70 0.00	113.59 3.95 -47.52	253.61 2.71 -201.26	48.70 2.43 0.00	40.75 1.94 0.00

HILLBURN___GT 23639	32.22 2.06 0.00	30.83 1.89 0.00	30.49 1.61 0.00	30.65 1.57 0.00	27.90 1.44 0.00	29.84 1.59 0.00	33.28 1.85 0.00	35.79 2.21 0.00	35.09 2.41 0.00	34.27 2.67 0.87	36.74 2.97 0.00	37.21 2.91 0.00	46.47 3.35 0.00	57.94 4.20 0.00	76.51 5.89 0.00	429.62 34.49 0.00	195.68 16.67 0.00	249.30 20.19 0.00	170.38 12.83 0.00	116.37 8.22 0.00	70.32 4.41 -3.80	68.85 3.11 -16.09	49.08 2.81 0.00	41.25 2.45 0.00
HILLSIDE_115KV_TB1 80332	30.01 -0.15 0.00	28.81 -0.14 -0.01	28.35 -0.53 0.00	28.74 -0.34 0.00	26.05 -0.41 0.00	27.91 -0.34 0.00	31.41 -0.06 -0.04	33.40 -0.17 0.00	32.87 0.19 0.00	32.82 0.36 0.00	34.38 0.61 0.00	35.03 0.74 0.00	44.46 1.34 0.00	55.55 1.06 -0.75	73.91 1.18 -2.10	413.35 15.23 -2.98	184.42 2.87 -2.54	231.64 2.36 -0.17	161.93 1.81 -2.57	111.84 0.86 -2.82	66.44 0.79 -3.52	56.92 0.27 -7.00	47.19 0.45 -0.47	38.93 0.12 0.00
HISHELDN_WT_PWR 323625	29.66 -0.50 0.00	28.50 -0.43 0.00	28.13 -0.75 0.00	28.49 -0.59 0.00	25.80 -0.66 0.00	27.65 -0.60 0.00	30.89 -0.54 0.00	32.83 -0.75 0.00	32.14 -0.53 0.00	32.09 -0.38 0.00	33.76 -0.01 0.00	34.65 0.36 0.00	44.38 1.26 0.00	54.50 0.76 0.00	70.69 0.06 0.00	404.76 3.15 -6.48	178.05 -0.96 0.00	226.34 -2.78 -0.02	156.41 -1.58 -0.45	107.78 -1.10 -0.73	62.07 -0.05 0.00	49.62 -0.03 0.00	46.58 0.31 0.00	38.98 0.17 0.00
HOLTSVILLE_IC_1 23690	35.27 2.88 -2.23	38.04 2.73 -6.37	38.26 2.49 -6.89	38.27 2.44 -6.75	37.96 2.24 -9.27	33.90 2.42 -3.22	38.25 2.80 -4.02	37.70 3.19 -0.93	39.18 3.37 -3.14	73.66 3.62 -37.57	89.32 3.94 -51.60	126.42 3.90 -88.21	213.96 4.56 -166.28	317.01 5.45 -257.82	186.75 7.42 -108.70	601.18 40.48 -165.56	284.62 19.16 -86.45	352.00 23.93 -98.97	258.81 15.07 -86.19	220.23 9.95 -102.13	227.27 5.61 -159.55	72.11 3.73 -18.74	69.92 3.43 -20.22	43.13 3.19 -1.13
HOLTSVILLE_IC_10 23699	35.48 3.08 -2.23	38.22 2.92 -6.37	38.44 2.66 -6.89	38.43 2.60 -6.75	38.11 2.39 -9.27	34.05 2.58 -3.22	38.44 2.99 -4.02	37.92 3.41 -0.93	39.43 3.62 -3.14	73.93 3.89 -37.57	92.98 4.28 -54.93	132.87 4.25 -94.32	226.74 5.02 -178.60	336.67 6.05 -276.88	196.83 8.19 -118.00	620.89 43.71 -182.04	293.04 20.55 -93.48	361.24 25.74 -106.39	268.88 16.30 -95.03	232.49 10.90 -113.44	240.00 6.21 -171.67	72.69 4.19 -18.86	70.42 3.84 -20.31	43.43 3.50 -1.13
HOLTSVILLE_IC_2 23691	35.27 2.88 -2.23	38.04 2.73 -6.37	38.26 2.49 -6.89	38.27 2.44 -6.75	37.96 2.24 -9.27	33.90 2.42 -3.22	38.25 2.80 -4.02	37.70 3.19 -0.93	39.18 3.37 -3.14	73.66 3.62 -37.57	89.32 3.94 -51.60	126.42 3.90 -88.21	213.96 4.56 -166.28	317.01 5.45 -257.82	186.75 7.42 -108.70	601.18 40.48 -165.56	284.62 19.16 -86.45	352.00 23.93 -98.97	258.81 15.07 -86.19	220.23 9.95 -102.13	227.27 5.61 -159.55	72.11 3.73 -18.74	69.92 3.43 -20.22	43.13 3.19 -1.13
HOLTSVILLE_IC_3 23692	35.27 2.88 -2.23	38.04 2.73 -6.37	38.26 2.49 -6.89	38.27 2.44 -6.75	37.96 2.24 -9.27	33.90 2.42 -3.22	38.25 2.80 -4.02	37.70 3.19 -0.93	39.18 3.37 -3.14	73.66 3.62 -37.57	89.32 3.94 -51.60	126.42 3.90 -88.21	213.96 4.56 -166.28	317.01 5.45 -257.82	186.75 7.42 -108.70	601.18 40.48 -165.56	284.62 19.16 -86.45	352.00 23.93 -98.97	258.81 15.07 -86.19	220.23 9.95 -102.13	227.27 5.61 -159.55	72.11 3.73 -18.74	69.92 3.43 -20.22	43.13 3.19 -1.13
HOLTSVILLE_IC_4 23693	35.27 2.88 -2.23	38.04 2.73 -6.37	38.26 2.49 -6.89	38.27 2.44 -6.75	37.96 2.24 -9.27	33.90 2.42 -3.22	38.25 2.80 -4.02	37.70 3.19 -0.93	39.18 3.37 -3.14	73.66 3.62 -37.57	89.32 3.94 -51.60	126.42 3.90 -88.21	213.96 4.56 -166.28	317.01 5.45 -257.82	186.75 7.42 -108.70	601.18 40.48 -165.56	284.62 19.16 -86.45	352.00 23.93 -98.97	258.81 15.07 -86.19	220.23 9.95 -102.13	227.27 5.61 -159.55	72.11 3.73 -18.74	69.92 3.43 -20.22	43.13 3.19 -1.13
HOLTSVILLE_IC_5 23694	35.27 2.88 -2.23	38.04 2.73 -6.37	38.26 2.49 -6.89	38.27 2.44 -6.75	37.96 2.24 -9.27	33.90 2.42 -3.22	38.25 2.80 -4.02	37.70 3.19 -0.93	39.18 3.37 -3.14	73.66 3.62 -37.57	89.32 3.94 -51.60	126.42 3.90 -88.21	213.96 4.56 -166.28	317.01 5.45 -257.82	186.75 7.42 -108.70	601.18 40.48 -165.56	284.62 19.16 -86.45	352.00 23.93 -98.97	258.81 15.07 -86.19	220.23 9.95 -102.13	227.27 5.61 -159.55	72.11 3.73 -18.74	69.92 3.43 -20.22	43.13 3.19 -1.13
HOLTSVILLE_IC_6 23695	35.48 3.08 -2.23	38.22 2.92 -6.37	38.44 2.66 -6.89	38.43 2.60 -6.75	38.11 2.39 -9.27	34.05 2.58 -3.22	38.44 2.99 -4.02	37.92 3.41 -0.93	39.43 3.62 -3.14	73.93 3.89 -37.57	92.98 4.28 -54.93	132.87 4.25 -94.32	226.74 5.02 -178.60	336.67 6.05 -276.88	196.83 8.19 -118.00	620.89 43.71 -182.04	293.04 20.55 -93.48	361.24 25.74 -106.39	268.88 16.30 -95.03	232.49 10.90 -113.44	240.00 6.21 -171.67	72.69 4.19 -18.86	70.42 3.84 -20.31	43.43 3.50 -1.13
HOLTSVILLE_IC_7 23696	35.48 3.08 -2.23	38.22 2.92 -6.37	38.44 2.66 -6.89	38.43 2.60 -6.75	38.11 2.39 -9.27	34.05 2.58 -3.22	38.44 2.99 -4.02	37.92 3.41 -0.93	39.43 3.62 -3.14	73.93 3.89 -37.57	92.98 4.28 -54.93	132.87 4.25 -94.32	226.74 5.02 -178.60	336.67 6.05 -276.88	196.83 8.19 -118.00	620.89 43.71 -182.04	293.04 20.55 -93.48	361.24 25.74 -106.39	268.88 16.30 -95.03	232.49 10.90 -113.44	240.00 6.21 -171.67	72.69 4.19 -18.86	70.42 3.84 -20.31	43.43 3.50 -1.13
HOLTSVILLE_IC_8 23697	35.48 3.08 -2.23	38.22 2.92 -6.37	38.44 2.66 -6.89	38.43 2.60 -6.75	38.11 2.39 -9.27	34.05 2.58 -3.22	38.44 2.99 -4.02	37.92 3.41 -0.93	39.43 3.62 -3.14	73.93 3.89 -37.57	92.98 4.28 -54.93	132.87 4.25 -94.32	226.74 5.02 -178.60	336.67 6.05 -276.88	196.83 8.19 -118.00	620.89 43.71 -182.04	293.04 20.55 -93.48	361.24 25.74 -106.39	268.88 16.30 -95.03	232.49 10.90 -113.44	240.00 6.21 -171.67	72.69 4.19 -18.86	70.42 3.84 -20.31	43.43 3.50 -1.13
HOLTSVILLE_IC_9 23698	35.48 3.08 -2.23	38.22 2.92 -6.37	38.44 2.66 -6.89	38.43 2.60 -6.75	38.11 2.39 -9.27	34.05 2.58 -3.22	38.44 2.99 -4.02	37.92 3.41 -0.93	39.43 3.62 -3.14	73.93 3.89 -37.57	92.98 4.28 -54.93	132.87 4.25 -94.32	226.74 5.02 -178.60	336.67 6.05 -276.88	196.83 8.19 -118.00	620.89 43.71 -182.04	293.04 20.55 -93.48	361.24 25.74 -106.39	268.88 16.30 -95.03	232.49 10.90 -113.44	240.00 6.21 -171.67	72.69 4.19 -18.86	70.42 3.84 -20.31	43.43 3.50 -1.13
HOMER_HL_115KV_TB2 355744	29.90 -0.26 0.00	28.69 -0.24 0.00	28.23 -0.64 0.00	28.60 -0.48 0.00	25.97 -0.49 0.00	27.87 -0.38 0.00	31.21 -0.22 0.00	33.38 -0.20 0.00	32.74 0.06 0.00	32.53 0.07 0.00	34.04 0.26 0.00	34.76 0.46 0.00	44.28 1.16 0.00	54.47 0.73 0.00	70.65 0.02 0.00	404.88 -0.39 -10.14	177.54 -1.47 0.00	225.35 -3.79 -0.03	155.50 -2.73 -0.69	107.31 -1.98 -1.15	61.83 -0.29 0.00	49.18 -0.46 0.00	46.29 0.02 0.00	39.02 0.21 0.00
HOWARD_WT_PWR 323690	30.58 0.41 0.00	29.32 0.38 -0.01	28.89 0.01 0.00	29.27 0.19 0.00	26.45 -0.01 0.00	28.38 0.13 0.00	31.86 0.40 -0.03	33.86 0.28 0.00	33.18 0.51 0.00	33.09 0.62 0.00	34.71 0.93 0.00	35.48 1.18 0.00	45.31 2.19 0.00	56.25 1.98 -0.52	74.01 1.92 -1.46	417.18 15.80 -6.25	185.04 4.27 -1.76	233.88 4.64 -0.13	163.47 3.85 -2.07	113.36 2.78 -2.43	65.74 2.08 -1.54	52.12 1.43 -1.04	48.02 1.42 -0.33	39.63 0.83 0.00

HQ_GEN_CEDARS 23644	29.25 -0.91 0.00	28.12 -0.81 0.00	28.29 -0.59 0.00	28.47 -0.60 0.00	25.89 -0.57 0.00	27.64 -0.61 0.00	30.74 -0.69 0.00	32.78 -0.80 0.00	31.67 -1.00 0.00	31.26 -1.21 0.00	32.40 -1.37 0.00	32.86 -1.43 0.00	41.48 -1.64 0.00	51.75 -1.99 0.00	67.71 -2.92 0.00	377.77 -17.36 0.00	170.97 -8.04 0.00	218.81 -10.30 0.00	150.53 -7.02 0.00	103.85 -4.29 0.00	59.79 -2.32 0.00	48.19 -1.46 0.00	44.90 -1.37 0.00	37.68 -1.12 0.00
HQ_GEN_CEDARS_PROXY 323590	26.89 -0.91 2.36	28.12 -0.81 0.00	28.29 -0.59 0.00	28.47 -0.61 0.00	25.88 -0.57 0.00	27.64 -0.61 0.00	30.74 -0.69 0.00	32.78 -0.80 0.00	31.67 -1.00 0.00	27.73 -1.21 3.52	32.40 -1.37 0.00	32.86 -1.43 0.00	41.48 -1.64 0.00	51.76 -1.99 0.00	67.71 -2.92 0.00	377.78 -17.36 0.00	170.96 -8.05 0.00	218.81 -10.30 0.00	150.55 -7.00 0.00	103.84 -4.30 0.00	59.80 -2.32 0.00	48.19 -1.46 0.00	44.90 -1.37 0.00	37.68 -1.12 0.00
HQ_GEN_IMPORT 323601	29.59 -0.57 0.00	28.42 -0.51 0.00	28.51 -0.37 0.00	28.73 -0.35 0.00	26.11 -0.35 0.00	27.89 -0.37 0.00	31.03 -0.41 0.00	33.13 -0.45 0.00	32.13 -0.55 0.00	31.75 -0.71 0.00	32.95 -0.83 0.00	33.42 -0.88 0.00	42.11 -1.01 0.00	0.00 -1.22 52.52	68.88 -1.75 0.00	375.97 -10.07 9.09	97.47 -4.61 76.93	223.11 -6.00 0.00	153.33 -4.22 0.00	105.40 -2.75 0.00	60.58 -1.54 0.00	48.61 -1.03 0.00	45.34 -0.93 0.00	38.06 -0.75 0.00
HQ_GEN_WHEEL 23651	29.59 -0.57 0.00	28.42 -0.51 0.00	28.51 -0.37 0.00	28.73 -0.35 0.00	26.11 -0.35 0.00	27.89 -0.37 0.00	31.03 -0.41 0.00	33.13 -0.45 0.00	32.13 -0.55 0.00	31.75 -0.71 0.00	32.95 -0.83 0.00	33.42 -0.88 0.00	42.11 -1.01 0.00	0.00 -1.22 52.52	68.88 -1.75 0.00	375.97 -10.07 9.09	97.47 -4.61 76.93	223.11 -6.00 0.00	153.33 -4.22 0.00	105.40 -2.75 0.00	60.58 -1.54 0.00	48.61 -1.03 0.00	45.34 -0.93 0.00	38.06 -0.75 0.00
HUDSON AVE_GT_3 23810	32.74 2.58 0.00	31.28 2.35 0.00	30.92 2.04 0.00	31.05 1.97 0.00	28.28 1.82 0.00	30.27 2.02 0.00	33.82 2.39 0.00	36.40 2.82 0.00	35.73 3.05 0.00	36.47 3.33 -0.68	37.41 3.63 0.00	37.85 3.55 0.00	47.12 4.00 0.00	58.61 4.87 0.00	77.42 6.78 0.00	433.65 38.52 0.00	197.11 18.10 0.00	250.91 21.80 0.00	171.31 13.77 0.00	117.13 8.98 0.00	70.99 4.82 -4.07	70.22 3.35 -17.22	49.35 3.08 0.00	41.63 2.82 0.00
HUDSON AVE_GT_4 23540	32.74 2.58 0.00	31.28 2.35 0.00	30.92 2.04 0.00	31.05 1.97 0.00	28.28 1.82 0.00	30.27 2.02 0.00	33.82 2.39 0.00	36.40 2.82 0.00	35.73 3.05 0.00	36.47 3.33 -0.68	37.41 3.63 0.00	37.85 3.55 0.00	47.12 4.00 0.00	58.61 4.87 0.00	77.42 6.78 0.00	433.65 38.52 0.00	197.11 18.10 0.00	250.91 21.80 0.00	171.31 13.77 0.00	117.13 8.98 0.00	70.99 4.82 -4.07	70.22 3.35 -17.22	49.35 3.08 0.00	41.63 2.82 0.00
HUDSON AVE_GT_5 23657	32.74 2.58 0.00	31.28 2.35 0.00	30.92 2.04 0.00	31.05 1.97 0.00	28.28 1.82 0.00	30.27 2.02 0.00	33.82 2.39 0.00	36.40 2.82 0.00	35.73 3.05 0.00	36.47 3.33 -0.68	37.41 3.63 0.00	37.85 3.55 0.00	47.12 4.00 0.00	58.61 4.87 0.00	77.42 6.78 0.00	433.65 38.52 0.00	197.11 18.10 0.00	250.91 21.80 0.00	171.31 13.77 0.00	117.13 8.98 0.00	70.99 4.82 -4.07	70.22 3.35 -17.22	49.35 3.08 0.00	41.63 2.82 0.00
HUDSON_AVE_10 24168	32.62 2.45 0.00	31.14 2.21 0.00	30.80 1.92 0.00	30.93 1.85 0.00	28.17 1.71 0.00	30.15 1.90 0.00	33.68 2.25 0.00	36.27 2.69 0.00	35.61 2.93 0.00	36.36 3.22 -0.68	37.34 3.57 0.00	37.77 3.48 0.00	46.99 3.87 0.00	58.48 4.74 0.00	77.25 6.62 0.00	432.50 37.37 0.00	196.66 17.65 0.00	250.39 21.28 0.00	170.87 13.32 0.00	116.84 8.69 0.00	70.82 4.64 -4.07	70.09 3.22 -17.22	49.20 2.93 0.00	41.55 2.74 0.00
HUDSON___115KV_TB 4 355613	31.78 1.61 0.00	30.42 1.49 0.00	30.30 1.43 0.00	30.45 1.37 0.00	27.75 1.29 0.00	29.61 1.36 0.00	32.83 1.40 0.00	35.02 1.45 0.00	33.93 1.25 0.00	33.76 1.20 -0.09	34.88 1.11 0.00	35.31 1.01 0.00	44.14 1.02 0.00	55.19 1.46 0.00	72.98 2.35 0.00	408.50 13.36 0.00	185.44 6.43 0.00	238.77 9.66 0.00	165.15 7.61 0.00	113.68 5.54 0.00	85.06 3.26 -19.69	135.57 2.56 -83.37	48.73 2.46 0.00	40.88 2.08 0.00
HUNTER MOUNT___DRP 323613	31.94 1.77 0.00	30.57 1.64 0.00	30.47 1.59 0.00	30.61 1.53 0.00	27.90 1.44 0.00	29.77 1.52 0.00	33.00 1.57 0.00	35.20 1.62 0.00	34.07 1.39 0.00	33.74 1.27 0.00	34.91 1.13 0.00	35.32 1.03 0.00	44.20 1.08 0.00	55.38 1.65 0.00	73.19 2.56 0.00	409.70 14.57 0.00	186.04 7.03 0.00	239.85 10.74 0.00	166.20 8.65 0.00	114.48 6.33 0.00	82.43 3.79 -16.53	122.58 2.94 -69.99	49.13 2.86 0.00	41.22 2.42 0.00
HUNTINGTON_RES_REC 323705	35.17 2.77 -2.23	37.94 2.64 -6.37	38.17 2.39 -6.89	38.17 2.34 -6.75	37.88 2.16 -9.27	33.82 2.34 -3.22	38.11 2.66 -4.02	37.55 3.04 -0.93	39.02 3.21 -3.14	73.52 3.48 -37.57	154.19 3.85 -116.56	245.34 3.80 -207.24	454.44 4.50 -406.82	688.17 5.45 -628.98	351.58 7.57 -273.38	864.98 42.40 -427.44	315.36 19.87 -116.48	365.95 24.67 -112.17	359.85 15.62 -186.68	404.79 10.14 -286.51	463.98 5.55 -396.31	74.39 3.67 -21.08	69.92 3.33 -20.32	42.99 3.05 -1.13
HUNTLEY___63 23557	29.37 -0.79 0.00	28.24 -0.69 0.00	27.92 -0.96 0.00	28.27 -0.82 0.00	25.60 -0.86 0.00	27.42 -0.83 0.00	30.57 -0.87 0.00	32.42 -1.16 0.00	31.70 -0.97 0.00	31.64 -0.83 0.00	33.37 -0.41 0.00	34.27 -0.03 0.00	44.00 0.88 0.00	54.04 0.30 0.00	69.86 -0.77 0.00	485.14 -3.34 -93.35	175.67 -3.35 -0.02	223.58 -6.01 -0.48	165.71 -3.89 -12.05	125.31 -2.72 -19.89	61.25 -0.88 -0.02	49.12 -0.53 0.00	46.25 -0.02 0.00	38.82 0.02 0.00
HUNTLEY___64 23558	29.37 -0.79 0.00	28.24 -0.69 0.00	27.92 -0.96 0.00	28.27 -0.82 0.00	25.60 -0.86 0.00	27.42 -0.83 0.00	30.57 -0.87 0.00	32.42 -1.16 0.00	31.70 -0.97 0.00	31.64 -0.83 0.00	33.37 -0.41 0.00	34.27 -0.03 0.00	44.00 0.88 0.00	54.04 0.30 0.00	69.86 -0.77 0.00	485.14 -3.34 -93.35	175.67 -3.35 -0.02	223.58 -6.01 -0.48	165.71 -3.89 -12.05	125.31 -2.72 -19.89	61.25 -0.88 -0.02	49.12 -0.53 0.00	46.25 -0.02 0.00	38.82 0.02 0.00
HUNTLEY___65 23559	29.37 -0.79 0.00	28.24 -0.69 0.00	27.92 -0.96 0.00	28.27 -0.82 0.00	25.60 -0.86 0.00	27.42 -0.83 0.00	30.57 -0.87 0.00	32.42 -1.16 0.00	31.70 -0.97 0.00	31.64 -0.83 0.00	33.37 -0.41 0.00	34.27 -0.03 0.00	44.00 0.88 0.00	54.04 0.30 0.00	69.86 -0.77 0.00	485.14 -3.34 -93.35	175.67 -3.35 -0.02	223.58 -6.01 -0.48	165.71 -3.89 -12.05	125.31 -2.72 -19.89	61.25 -0.88 -0.02	49.12 -0.53 0.00	46.25 -0.02 0.00	38.82 0.02 0.00
HUNTLEY___66 23560	29.37 -0.79 0.00	28.24 -0.69 0.00	27.92 -0.96 0.00	28.27 -0.82 0.00	25.60 -0.86 0.00	27.42 -0.83 0.00	30.57 -0.87 0.00	32.42 -1.16 0.00	31.70 -0.97 0.00	31.64 -0.83 0.00	33.37 -0.41 0.00	34.27 -0.03 0.00	44.00 0.88 0.00	54.04 0.30 0.00	69.86 -0.77 0.00	485.14 -3.34 -93.35	175.67 -3.35 -0.02	223.58 -6.01 -0.48	165.71 -3.89 -12.05	125.31 -2.72 -19.89	61.25 -0.88 -0.02	49.12 -0.53 0.00	46.25 -0.02 0.00	38.82 0.02 0.00

HUNTLEY___67 23561	29.21 -0.95 0.00	28.09 -0.84 0.00	27.78 -1.11 0.00	28.14 -0.94 0.00	25.48 -0.97 0.00	27.29 -0.96 0.00	30.43 -1.00 0.00	32.29 -1.29 0.00	31.57 -1.10 0.00	31.51 -0.96 0.00	33.22 -0.56 0.00	34.14 -0.16 0.00	43.87 0.75 0.00	53.86 0.12 0.00	69.64 -0.99 0.00	391.26 -3.87 0.00	175.23 -3.78 0.00	222.34 -6.70 0.07	151.33 -4.39 1.82	102.06 -3.07 3.02	60.96 -1.15 0.00	48.91 -0.74 0.00	45.95 -0.32 0.00	38.55 -0.26 0.00
HUNTLEY___68 23562	29.21 -0.95 0.00	28.09 -0.84 0.00	27.78 -1.11 0.00	28.14 -0.94 0.00	25.48 -0.97 0.00	27.29 -0.96 0.00	30.43 -1.00 0.00	32.29 -1.29 0.00	31.57 -1.10 0.00	31.51 -0.96 0.00	33.22 -0.56 0.00	34.14 -0.16 0.00	43.87 0.75 0.00	53.86 0.12 0.00	69.64 -0.99 0.00	391.26 -3.87 0.00	175.23 -3.78 0.00	222.34 -6.70 0.07	151.33 -4.39 1.82	102.06 -3.07 3.02	60.96 -1.15 0.00	48.91 -0.74 0.00	45.95 -0.32 0.00	38.55 -0.26 0.00
HYLAND___LFG 323620	31.33 1.16 0.00	29.94 1.01 0.00	29.57 0.69 0.00	29.88 0.81 0.00	27.04 0.58 0.00	29.04 0.78 0.00	32.57 1.14 0.00	34.53 0.95 0.00	33.04 0.37 0.00	32.40 -0.07 0.00	33.87 0.09 0.00	34.74 0.44 0.00	43.47 0.35 0.00	52.13 -1.61 0.00	65.87 -4.76 0.00	368.45 -26.68 0.00	165.51 -13.50 0.00	211.60 -17.51 0.00	146.54 -11.00 0.00	102.25 -5.90 0.00	60.29 -1.82 0.00	49.15 -0.49 0.00	48.15 1.88 0.00	40.37 1.56 0.00
INDECK___CORINTH 23802	31.93 1.77 0.00	30.45 1.52 0.00	30.26 1.38 0.00	30.43 1.34 0.00	27.74 1.28 0.00	29.70 1.44 0.00	32.98 1.55 0.00	35.19 1.61 0.00	34.17 1.50 0.00	34.12 1.55 -0.10	35.24 1.46 0.00	35.96 1.66 0.00	45.05 1.93 0.00	56.29 2.55 0.00	74.65 4.02 0.00	418.46 23.32 0.00	190.02 11.01 0.00	244.89 15.78 0.00	170.01 12.46 0.00	116.76 8.61 0.00	113.16 5.09 -45.96	247.63 3.36 -194.62	49.28 3.00 0.00	41.24 2.44 0.00
INDECK___ILION 23567	30.80 0.63 0.00	29.48 0.55 0.00	29.35 0.47 0.00	29.51 0.44 0.00	26.89 0.43 0.00	28.71 0.46 0.00	31.87 0.44 0.00	33.99 0.42 0.00	33.03 0.36 0.00	32.90 0.43 0.00	34.22 0.44 0.00	34.75 0.46 0.00	43.63 0.51 0.00	54.42 0.68 0.00	71.82 1.19 0.00	402.17 7.04 0.00	182.35 3.34 0.00	234.06 4.95 0.00	161.53 3.98 0.00	111.10 2.96 0.00	63.92 1.81 0.00	51.44 1.79 0.00	47.96 1.69 0.00	40.13 1.32 0.00
INDECK___OLEAN 23982	29.90 -0.26 0.00	28.69 -0.24 0.00	28.23 -0.64 0.00	28.60 -0.48 0.00	25.97 -0.49 0.00	27.88 -0.38 0.00	31.21 -0.22 0.00	33.38 -0.19 0.00	32.74 0.06 0.00	32.53 0.07 0.00	34.04 0.26 0.00	34.76 0.46 0.00	44.28 1.16 0.00	54.46 0.73 0.00	70.66 0.03 0.00	405.17 -0.10 -10.14	177.47 -1.54 0.00	225.40 -3.75 -0.03	155.49 -2.75 -0.69	107.33 -1.96 -1.15	61.82 -0.30 0.00	49.14 -0.50 0.00	46.29 0.02 0.00	39.02 0.22 0.00
INDECK___OSWEGO 23783	29.60 -0.57 0.00	28.44 -0.58 -0.09	28.21 -0.67 0.00	28.41 -0.67 0.00	25.84 -0.61 0.00	27.61 -0.64 0.00	31.07 -0.66 -0.30	32.82 -0.76 0.00	31.82 -0.86 0.00	31.60 -0.87 0.00	32.90 -0.87 0.00	33.47 -0.83 0.00	42.21 -0.91 -6.27	58.84 -1.18 -17.46	86.48 -1.61 -24.75	411.36 -8.52 -24.75	196.05 -4.07 -21.11	225.43 -5.09 -1.41	175.68 -3.26 -21.40	129.45 -2.15 -23.46	79.45 -1.15 -18.49	61.17 -0.96 -12.49	49.19 -0.99 -3.91	37.90 -0.91 0.00
INDECK___YERKES 23781	29.40 -0.77 0.00	28.26 -0.68 0.00	27.93 -0.94 0.00	28.29 -0.79 0.00	25.62 -0.84 0.00	27.45 -0.80 0.00	30.59 -0.84 0.00	32.45 -1.13 0.00	31.73 -0.94 0.00	31.67 -0.80 0.00	33.40 -0.37 0.00	34.28 -0.02 0.00	43.99 0.87 0.00	54.03 0.29 0.00	69.86 -0.77 0.00	485.12 -3.37 -93.35	175.59 -3.44 -0.02	223.49 -6.10 -0.48	165.67 -3.93 -12.05	125.36 -2.67 -19.89	61.25 -0.88 -0.02	49.10 -0.55 0.00	46.29 0.02 0.00	38.87 0.06 0.00
INDIAN POINT_GT_1 24139	32.27 2.11 0.00	30.86 1.93 0.00	30.54 1.66 0.00	30.69 1.62 0.00	27.95 1.49 0.00	29.89 1.64 0.00	33.34 1.91 0.00	35.83 2.25 0.00	35.11 2.44 0.00	35.95 2.69 -0.79	36.73 2.96 0.00	37.19 2.90 0.00	46.40 3.28 0.00	57.80 4.06 0.00	76.35 5.72 0.00	428.06 32.92 0.00	194.79 15.78 0.00	248.35 19.24 0.00	169.78 12.23 0.00	116.07 7.93 0.00	70.40 4.27 -4.01	69.61 2.98 -16.99	48.98 2.71 0.00	41.22 2.41 0.00
INDIAN POINT_GT_2 23659	32.27 2.11 0.00	30.86 1.93 0.00	30.54 1.66 0.00	30.69 1.62 0.00	27.95 1.49 0.00	29.89 1.64 0.00	33.34 1.91 0.00	35.83 2.25 0.00	35.11 2.44 0.00	35.95 2.69 -0.79	36.73 2.96 0.00	37.19 2.90 0.00	46.40 3.28 0.00	57.80 4.06 0.00	76.35 5.72 0.00	428.06 32.92 0.00	194.79 15.78 0.00	248.35 19.24 0.00	169.78 12.23 0.00	116.07 7.93 0.00	70.40 4.27 -4.01	69.61 2.98 -16.99	48.98 2.71 0.00	41.22 2.41 0.00
INDIAN POINT_GT_3 24019	32.27 2.11 0.00	30.86 1.93 0.00	30.54 1.66 0.00	30.69 1.62 0.00	27.95 1.49 0.00	29.89 1.64 0.00	33.34 1.91 0.00	35.83 2.25 0.00	35.11 2.44 0.00	35.95 2.69 -0.79	36.73 2.96 0.00	37.19 2.90 0.00	46.40 3.28 0.00	57.80 4.06 0.00	76.35 5.72 0.00	428.06 32.92 0.00	194.79 15.78 0.00	248.35 19.24 0.00	169.78 12.23 0.00	116.07 7.93 0.00	70.40 4.27 -4.01	69.61 2.98 -16.99	48.98 2.71 0.00	41.22 2.41 0.00
INDIAN POINT___2 23530	32.21 2.05 0.00	30.81 1.88 0.00	30.49 1.61 0.00	30.64 1.56 0.00	27.90 1.45 0.00	29.84 1.59 0.00	33.28 1.85 0.00	35.77 2.19 0.00	35.05 2.37 0.00	36.16 2.63 -1.07	36.68 2.90 0.00	37.12 2.83 0.00	46.32 3.20 0.00	57.71 3.97 0.00	76.21 5.58 0.00	427.32 32.19 0.00	194.58 15.57 0.00	248.02 18.91 0.00	169.52 11.98 0.00	115.86 7.72 0.00	70.19 4.15 -3.93	69.19 2.90 -16.65	48.90 2.63 0.00	41.15 2.35 0.00
INDIAN POINT___3 23531	32.21 2.05 0.00	30.82 1.89 0.00	30.50 1.62 0.00	30.66 1.58 0.00	27.92 1.46 0.00	29.86 1.61 0.00	33.30 1.86 0.00	35.77 2.20 0.00	35.04 2.37 0.00	35.88 2.61 -0.81	36.65 2.87 0.00	37.09 2.80 0.00	46.27 3.15 0.00	57.67 3.93 0.00	76.15 5.52 0.00	427.24 32.11 0.00	194.49 15.47 0.00	247.89 18.78 0.00	169.46 11.91 0.00	115.84 7.69 0.00	70.27 4.14 -4.01	69.53 2.89 -17.00	48.90 2.63 0.00	41.14 2.34 0.00
INGHAM_C_115KV_TB7 356103	31.22 1.06 0.00	29.83 0.90 0.00	29.63 0.75 0.00	29.76 0.68 0.00	27.15 0.69 0.00	28.98 0.73 0.00	32.08 0.64 0.00	34.10 0.53 0.00	33.03 0.36 0.00	32.91 0.44 0.00	34.20 0.43 0.00	34.75 0.45 0.00	43.60 0.47 0.00	54.43 0.69 0.00	72.14 1.51 0.00	404.54 9.40 0.00	183.52 4.51 0.00	236.39 7.28 0.00	163.78 6.23 0.00	112.95 4.80 0.00	65.17 3.06 0.00	53.06 3.42 0.00	49.52 3.25 0.00	41.37 2.56 0.00
IP CORINTH___1 23988	32.11 1.94 0.00	30.62 1.69 0.00	30.42 1.54 0.00	30.59 1.51 0.00	27.90 1.44 0.00	29.86 1.61 0.00	33.17 1.74 0.00	35.39 1.81 0.00	34.36 1.69 0.00	34.32 1.75 -0.10	35.44 1.67 0.00	36.16 1.86 0.00	45.31 2.19 0.00	56.61 2.87 0.00	75.05 4.42 0.00	420.83 25.70 0.00	191.06 12.05 0.00	246.26 17.15 0.00	170.95 13.41 0.00	117.40 9.26 0.00	113.52 5.46 -45.96	247.93 3.66 -194.62	49.55 3.28 0.00	41.48 2.67 0.00

IP___TICONDEROGA 23804	33.89 3.72 0.00	32.13 3.20 0.00	31.84 2.96 0.00	32.10 3.02 0.00	29.40 2.94 0.00	31.65 3.40 0.00	35.15 3.72 0.00	37.19 3.61 0.00	35.91 3.24 0.00	35.68 3.11 -0.10	36.97 3.19 0.00	37.82 3.53 0.00	47.37 4.25 0.00	59.56 5.82 0.00	79.73 9.10 0.00	446.95 51.81 0.00	202.24 23.23 0.00	261.57 32.46 0.00	180.99 23.45 0.00	124.20 16.05 0.00	117.13 9.46 -45.57	248.24 5.63 -192.96	51.67 5.40 0.00	43.73 4.93 0.00
ISLIP_RES_REC 323679	35.67 3.27 -2.23	38.39 3.08 -6.37	38.59 2.81 -6.89	38.59 2.76 -6.75	38.25 2.52 -9.27	34.21 2.74 -3.22	38.62 3.17 -4.02	38.15 3.64 -0.93	39.69 3.88 -3.14	74.23 4.19 -37.57	89.24 4.61 -50.85	125.76 5.53 -86.86	212.15 6.64 -163.49	313.99 6.64 -253.60	187.87 8.99 -108.25	611.88 48.42 -168.33	297.96 22.83 -96.12	368.66 28.50 -111.04	267.67 18.16 -91.96	223.68 12.08 -103.46	225.72 6.82 -156.79	73.00 4.65 -18.71	70.87 4.22 -20.37	43.74 3.80 -1.13
JAMAICA__27_KV_LOAD 355505	32.93 2.77 0.00	31.41 2.48 0.00	31.07 2.19 0.00	31.18 2.09 0.00	28.39 1.93 0.00	30.41 2.16 0.00	33.94 2.50 0.00	36.63 3.05 0.00	35.98 3.31 0.00	36.68 3.54 -0.68	37.77 4.00 0.00	38.18 3.89 0.00	47.45 4.33 0.00	59.15 5.41 0.00	78.19 7.56 0.00	437.26 42.12 0.00	199.06 20.05 0.00	253.68 24.57 0.00	173.03 15.49 0.00	118.28 10.13 0.00	71.62 5.44 -4.07	70.77 3.90 -17.22	49.71 3.44 0.00	42.07 3.27 0.00
JANIS___SOLAR 323808	31.63 1.47 0.00	30.30 1.35 -0.02	30.03 1.16 0.00	30.29 1.21 0.00	27.53 1.07 0.00	29.47 1.22 0.00	33.02 1.53 -0.06	35.18 1.60 0.00	34.12 1.44 0.00	33.73 1.27 0.00	35.11 1.34 0.00	35.70 1.41 0.00	45.44 2.32 0.00	57.55 2.71 -1.10	77.21 3.52 -3.06	422.46 22.99 -4.34	193.08 10.37 -3.70	243.75 14.39 -0.25	172.84 11.55 -3.75	120.64 8.38 -4.11	72.53 5.14 -5.28	64.29 3.83 -10.82	50.28 3.32 -0.69	41.25 2.44 0.00
JARVIS____ 23743	30.43 0.27 0.00	29.17 0.24 0.00	29.08 0.21 0.00	29.29 0.21 0.00	26.64 0.19 0.00	28.45 0.20 0.00	31.65 0.22 0.00	33.81 0.23 0.00	32.92 0.24 0.00	32.76 0.29 0.00	34.09 0.31 0.00	34.61 0.32 0.00	43.48 0.36 0.00	54.17 0.43 0.00	71.27 0.63 0.00	398.65 3.52 0.00	180.67 1.66 0.00	231.40 2.29 0.00	159.17 1.63 0.00	109.27 1.12 0.00	62.76 0.65 0.00	50.13 0.49 0.00	46.72 0.45 0.00	39.16 0.36 0.00
JENNISON___1 23625	31.76 1.59 0.00	30.45 1.51 -0.01	30.28 1.40 0.00	30.55 1.48 0.00	27.78 1.32 0.00	29.71 1.46 0.00	33.12 1.65 -0.04	35.44 1.87 0.00	34.57 1.89 0.00	34.48 2.01 0.00	35.98 2.20 0.00	36.54 2.25 0.00	46.34 3.22 0.00	58.37 3.86 -0.78	77.83 5.04 -2.16	429.51 31.31 -3.06	195.06 13.44 -2.61	247.30 18.01 -0.17	173.33 13.14 -2.65	119.82 8.77 -2.90	72.87 5.14 -5.61	68.96 3.70 -15.62	50.04 3.29 -0.48	41.24 2.44 0.00
JENNISON___2 23626	31.76 1.59 0.00	30.45 1.51 -0.01	30.28 1.40 0.00	30.55 1.48 0.00	27.78 1.32 0.00	29.71 1.46 0.00	33.12 1.65 -0.04	35.44 1.87 0.00	34.57 1.89 0.00	34.48 2.01 0.00	35.98 2.20 0.00	36.54 2.25 0.00	46.34 3.22 0.00	58.37 3.86 -0.78	77.83 5.04 -2.16	429.51 31.31 -3.06	195.06 13.44 -2.61	247.30 18.01 -0.17	173.33 13.14 -2.65	119.82 8.77 -2.90	72.87 5.14 -5.61	68.96 3.70 -15.62	50.04 3.29 -0.48	41.24 2.44 0.00
JERICHO_RISE_WT_PWR 323719	29.63 -0.54 0.00	28.52 -0.41 0.00	28.75 -0.14 0.00	28.92 -0.16 0.00	26.31 -0.15 0.00	28.08 -0.18 0.00	31.23 -0.21 0.00	33.34 -0.24 0.00	32.27 -0.40 0.00	31.90 -0.57 0.00	33.05 -0.72 0.00	33.32 -0.98 0.00	41.94 -1.18 0.00	52.10 -1.64 0.00	68.18 -2.45 0.00	378.57 -16.56 0.00	171.26 -7.75 0.00	220.22 -8.89 0.00	151.52 -6.02 0.00	104.37 -3.78 0.00	60.10 -2.01 0.00	48.60 -1.05 0.00	45.58 -0.69 0.00	38.21 -0.59 0.00
KATONAH___115KV_46KV_TB4 355592	32.55 2.39 0.00	31.09 2.16 0.00	30.77 1.89 0.00	30.91 1.83 0.00	28.15 1.69 0.00	30.11 1.86 0.00	33.62 2.18 0.00	36.11 2.53 0.00	35.41 2.74 0.00	35.89 3.01 -0.41	37.09 3.32 0.00	37.59 3.29 0.00	46.96 3.84 0.00	58.55 4.81 0.00	77.34 6.71 0.00	433.85 38.72 0.00	197.11 18.10 0.00	251.60 22.49 0.00	172.03 14.48 0.00	117.60 9.46 0.00	71.34 5.06 -4.16	70.83 3.55 -17.63	49.50 3.23 0.00	41.60 2.80 0.00
KCE_NY_1 323755	32.07 1.90 0.00	30.69 1.76 0.00	30.53 1.65 0.00	30.69 1.61 0.00	27.96 1.50 0.00	29.88 1.63 0.00	33.18 1.75 0.00	35.43 1.85 0.00	34.42 1.75 0.00	34.37 1.80 -0.10	35.57 1.80 0.00	36.28 1.99 0.00	45.45 2.33 0.00	56.83 3.09 0.00	75.16 4.53 0.00	420.62 25.49 0.00	190.60 11.59 0.00	245.47 16.36 0.00	169.54 12.00 0.00	116.49 8.34 0.00	111.96 4.83 -45.01	243.78 3.50 -190.63	49.42 3.16 0.00	41.35 2.55 0.00
KCE_NY_6_ESR 323823	29.67 -0.50 0.00	28.49 -0.44 0.00	28.15 -0.74 0.00	28.50 -0.58 0.00	25.81 -0.65 0.00	27.66 -0.59 0.00	30.89 -0.55 0.00	32.83 -0.75 0.00	32.14 -0.53 0.00	32.12 -0.35 0.00	33.85 0.08 0.00	34.81 0.51 0.00	44.71 1.59 0.00	54.91 1.17 0.00	71.14 0.51 0.00	417.86 4.99 -17.73	179.05 0.04 0.00	227.52 0.00 -0.05	157.74 -1.02 -1.22	109.40 -0.75 -2.01	62.35 0.23 0.00	49.87 0.22 0.00	46.81 0.54 0.00	39.20 0.40 0.00
KEDC_PORT_JEFF_GT2 24210	35.33 2.94 -2.23	38.11 2.81 -6.37	38.33 2.56 -6.89	38.33 2.50 -6.75	38.01 2.28 -9.27	33.96 2.48 -3.22	38.32 2.86 -4.02	37.76 3.25 -0.93	39.27 3.46 -3.14	73.73 3.70 -37.57	97.98 4.02 -60.19	142.10 3.85 -103.95	245.60 4.42 -198.07	365.93 5.30 -306.89	208.77 7.25 -130.89	636.13 39.30 -201.70	290.58 18.42 -93.15	356.06 22.88 -104.07	273.29 14.43 -101.31	245.06 9.48 -127.43	258.28 5.33 -190.83	72.23 3.54 -19.05	69.94 3.40 -20.28	43.16 3.23 -1.13
KEDC_PORT_JEFF_GT3 24211	35.33 2.94 -2.23	38.11 2.81 -6.37	38.33 2.56 -6.89	38.33 2.50 -6.75	38.01 2.28 -9.27	33.96 2.48 -3.22	38.32 2.86 -4.02	37.76 3.25 -0.93	39.27 3.46 -3.14	73.73 3.70 -37.57	97.98 4.02 -60.19	142.10 3.85 -103.95	245.60 4.42 -198.07	365.93 5.30 -306.89	208.77 7.25 -130.89	636.13 39.30 -201.70	290.58 18.42 -93.15	356.06 22.88 -104.07	273.29 14.43 -101.31	245.06 9.48 -127.43	258.28 5.33 -190.83	72.23 3.54 -19.05	69.94 3.40 -20.28	43.16 3.23 -1.13
KEDC_GLWD_GT4 24219	35.38 2.98 -2.23	38.05 2.75 -6.37	38.22 2.45 -6.89	38.22 2.39 -6.75	37.93 2.20 -9.27	33.88 2.40 -3.22	38.25 2.80 -4.02	37.76 3.25 -0.93	39.28 3.47 -3.14	73.82 3.78 -37.57	47.44 4.08 -9.59	51.06 3.96 -12.80	58.25 4.54 -10.60	83.81 5.54 -24.53	112.11 7.61 -33.87	625.66 43.17 -187.35	990.74 20.49 -791.24	1304.90 25.42 -1050.37	582.42 16.08 -408.79	137.98 10.35 -19.48	72.82 5.61 -5.10	70.69 3.83 -17.21	74.70 3.54 -24.89	43.36 3.42 -1.13
KEDC_GLWD_GT5 24220	35.38 2.98 -2.23	38.05 2.75 -6.37	38.22 2.45 -6.89	38.22 2.39 -6.75	37.93 2.20 -9.27	33.88 2.40 -3.22	38.25 2.80 -4.02	37.76 3.25 -0.93	39.28 3.47 -3.14	73.82 3.78 -37.57	47.44 4.08 -9.59	51.06 3.96 -12.80	58.25 4.54 -10.60	83.81 5.54 -24.53	112.11 7.61 -33.87	625.66 43.17 -187.35	990.74 20.49 -791.24	1304.90 25.42 -1050.37	582.42 16.08 -408.79	137.98 10.35 -19.48	72.82 5.61 -5.10	70.69 3.83 -17.21	74.70 3.54 -24.89	43.36 3.42 -1.13

KENSICO____ 23655	32.41 2.24 0.00	30.98 2.05 0.00	30.66 1.78 0.00	30.80 1.72 0.00	28.05 1.59 0.00	30.01 1.75 0.00	33.48 2.05 0.00	35.99 2.41 0.00	35.27 2.59 0.00	36.03 2.84 -0.72	36.89 3.12 0.00	37.35 3.06 0.00	46.59 3.47 0.00	58.02 4.28 0.00	76.63 6.00 0.00	429.65 34.51 0.00	195.42 16.41 0.00	249.11 20.00 0.00	170.25 12.70 0.00	116.40 8.25 0.00	70.63 4.46 -4.06	69.94 3.11 -17.18	49.11 2.84 0.00	41.33 2.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.39 2.23 0.00	30.95 2.02 0.00	30.61 1.73 0.00	30.74 1.66 0.00	27.98 1.52 0.00	29.90 1.65 0.00	33.40 1.96 0.00	35.89 2.31 0.00	35.17 2.49 0.00	35.18 2.72 0.00	36.80 3.02 0.00	37.32 3.03 0.00	46.71 3.59 0.00	57.93 4.19 0.00	76.47 5.84 0.00	430.82 35.69 0.00	196.05 17.04 0.00	250.76 21.65 0.00	171.99 14.44 0.00	117.60 9.45 0.00	72.48 5.15 -5.22	75.69 3.92 -22.12	49.74 3.47 0.00	41.62 2.81 0.00
KIAC_JFK_GT1 23816	32.58 2.42 0.00	31.08 2.16 0.00	30.77 1.89 0.00	30.88 1.80 0.00	28.11 1.66 0.00	30.10 1.85 0.00	33.60 2.17 0.00	36.26 2.68 0.00	35.60 2.93 0.00	36.32 3.17 -0.68	37.37 3.59 0.00	37.77 3.48 0.00	46.89 3.77 0.00	58.45 4.71 0.00	77.31 6.68 0.00	432.50 37.37 0.00	196.71 17.70 0.00	250.68 21.56 0.00	170.97 13.43 0.00	116.87 8.72 0.00	70.83 4.65 -4.07	70.12 3.26 -17.22	49.16 2.89 0.00	41.60 2.80 0.00
KIAC_JFK_GT2 23817	32.58 2.42 0.00	31.08 2.16 0.00	30.77 1.89 0.00	30.88 1.80 0.00	28.11 1.66 0.00	30.10 1.85 0.00	33.60 2.17 0.00	36.26 2.68 0.00	35.60 2.93 0.00	36.32 3.17 -0.68	37.37 3.59 0.00	37.77 3.48 0.00	46.89 3.77 0.00	58.45 4.71 0.00	77.31 6.68 0.00	432.50 37.37 0.00	196.71 17.70 0.00	250.68 21.56 0.00	170.97 13.43 0.00	116.87 8.72 0.00	70.83 4.65 -4.07	70.12 3.26 -17.22	49.16 2.89 0.00	41.60 2.80 0.00
KIAC_JFK____ 323774	32.58 2.42 0.00	31.09 2.16 0.00	30.76 1.89 0.00	30.89 1.80 0.00	28.12 1.66 0.00	30.10 1.85 0.00	33.60 2.17 0.00	36.26 2.68 0.00	35.60 2.93 0.00	36.32 3.17 -0.68	37.37 3.59 0.00	37.77 3.48 0.00	46.89 3.77 0.00	58.45 4.71 0.00	77.31 6.68 0.00	432.46 37.32 0.00	196.73 17.72 0.00	250.70 21.59 0.00	170.95 13.41 0.00	116.86 8.71 0.00	70.83 4.65 -4.07	70.13 3.26 -17.22	49.16 2.89 0.00	41.60 2.79 0.00
KINTIGH____ 23543	29.20 -0.96 0.00	28.08 -0.85 0.00	27.81 -1.07 0.00	28.14 -0.94 0.00	25.52 -0.94 0.00	27.32 -0.93 0.00	30.44 -0.99 0.00	32.35 -1.22 0.00	31.60 -1.07 0.00	31.52 -0.95 0.00	33.15 -0.62 0.00	34.02 -0.27 0.00	43.57 0.45 0.00	53.64 -0.10 0.00	69.49 -1.14 0.00	383.68 -5.24 6.21	174.63 -4.37 0.00	221.84 -7.16 0.11	150.05 -4.60 2.89	100.20 -3.16 4.78	60.65 -1.46 0.00	48.76 -0.88 0.00	45.79 -0.48 0.00	38.41 -0.40 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.21 0.05 0.00	29.06 0.13 0.00	29.25 0.37 0.00	29.47 0.39 0.00	26.82 0.37 0.00	28.60 0.35 0.00	31.83 0.40 0.00	33.97 0.39 0.00	32.86 0.19 0.00	32.56 0.09 0.00	33.73 -0.05 0.00	33.81 -0.49 0.00	42.48 -0.64 0.00	52.51 -1.23 0.00	68.72 -1.91 0.00	381.16 -13.97 0.00	171.91 -7.10 0.00	221.89 -7.23 0.00	152.81 -4.73 0.00	105.34 -2.80 0.00	60.64 -1.47 0.00	49.30 -0.35 0.00	46.58 0.31 0.00	39.05 0.25 0.00
LACHUTE__HYDRO 323717	33.88 3.72 0.00	32.13 3.20 0.00	31.84 2.96 0.00	32.10 3.02 0.00	29.40 2.94 0.00	31.65 3.40 0.00	35.15 3.72 0.00	37.19 3.61 0.00	35.91 3.24 0.00	35.68 3.11 -0.10	36.97 3.19 0.00	37.82 3.53 0.00	47.37 4.25 0.00	59.56 5.82 0.00	79.73 9.10 0.00	446.96 51.83 0.00	202.24 23.23 0.00	261.57 32.47 0.00	180.97 23.43 0.00	124.20 16.05 0.00	117.13 9.46 -45.57	248.24 5.63 -192.96	51.67 5.40 0.00	43.73 4.93 0.00
LAWRNCV_115KV_TB1 80681	29.10 -1.06 0.00	27.96 -0.97 0.00	28.12 -0.76 0.00	28.30 -0.78 0.00	25.72 -0.73 0.00	27.47 -0.78 0.00	30.54 -0.89 0.00	32.55 -1.03 0.00	31.43 -1.25 0.00	31.01 -1.45 0.00	32.13 -1.64 0.00	32.59 -1.71 0.00	41.13 -2.00 0.00	51.59 -2.53 -0.37	67.99 -3.67 -1.04	374.51 -22.10 -1.47	170.22 -10.05 -1.26	216.63 -12.57 -0.08	150.76 -8.06 -1.28	105.10 -4.44 -1.40	60.93 -2.29 -1.10	48.93 -1.45 -0.74	44.94 -1.56 -0.23	37.47 -1.34 0.00
LEDERLE____ 23769	32.36 2.20 0.00	30.96 2.04 0.00	30.63 1.76 0.00	30.79 1.70 0.00	28.03 1.57 0.00	29.97 1.72 0.00	33.42 1.99 0.00	35.94 2.36 0.00	35.24 2.56 0.00	34.30 2.82 0.98	36.89 3.12 0.00	37.37 3.07 0.00	46.69 3.57 0.00	58.21 4.47 0.00	76.89 6.26 0.00	431.99 36.86 0.00	196.90 17.89 0.00	250.77 21.66 0.00	171.28 13.74 0.00	116.99 8.84 0.00	70.74 4.77 -3.86	69.35 3.38 -16.33	49.31 3.04 0.00	41.48 2.67 0.00
LIGHTHSE_115KV_TB6 355974	30.08 -0.09 0.00	28.83 -0.15 -0.05	28.63 -0.25 0.00	28.84 -0.23 0.00	26.25 -0.21 0.00	28.05 -0.20 0.00	31.46 -0.13 -0.16	33.40 -0.18 0.00	32.51 -0.17 0.00	32.32 -0.14 0.00	33.52 -0.25 0.00	34.13 -0.17 0.00	43.06 -0.06 0.00	57.02 -0.05 -3.33	79.70 -0.20 -9.27	406.51 -1.76 -13.14	189.53 -0.69 -11.21	229.34 -0.52 -0.75	169.20 0.29 -11.36	121.30 0.70 -12.45	72.61 0.68 -9.82	57.00 0.73 -6.63	48.77 0.42 -2.08	38.90 0.09 0.00
LINDEN COGEN____ 23786	32.46 2.30 0.00	31.02 2.09 0.00	30.67 1.79 0.00	30.80 1.72 0.00	28.04 1.59 0.00	30.01 1.76 0.00	33.12 2.09 0.39	35.84 2.51 0.24	35.42 2.75 0.00	36.18 3.03 -0.68	37.11 3.34 0.00	37.54 3.24 0.00	46.37 3.58 0.33	40.89 4.34 17.19	57.55 6.09 19.17	408.28 33.93 20.79	190.51 16.27 4.78	216.38 19.57 32.31	142.40 12.29 27.43	101.93 7.94 14.16	65.04 4.24 1.32	62.31 2.95 -9.71	40.67 2.70 8.30	37.75 2.52 3.57
LINDHRST_69_KV_BK1 356055	35.58 3.18 -2.23	38.26 2.96 -6.37	38.45 2.68 -6.89	38.45 2.63 -6.74	38.13 2.40 -9.27	34.05 2.59 -3.22	38.44 2.99 -4.02	37.94 3.43 -0.93	39.44 3.63 -3.14	73.96 3.92 -37.57	51.12 4.24 -13.11	56.42 4.23 -17.90	71.87 5.02 -23.73	98.55 6.05 -38.77	98.99 8.29 -20.07	494.94 46.30 -53.51	369.99 21.95 -169.03	475.25 27.51 -218.63	264.16 17.58 -89.03	132.54 11.48 -12.92	87.47 6.28 -19.07	71.30 4.31 -17.35	72.16 4.01 -21.88	43.62 3.69 -1.13
LIPA_MISC_IPP 23656	35.42 3.03 -2.23	38.15 2.85 -6.37	38.35 2.59 -6.89	38.35 2.53 -6.74	38.04 2.31 -9.27	33.98 2.51 -3.22	38.37 2.92 -4.02	37.84 3.34 -0.93	39.36 3.55 -3.14	73.82 3.79 -37.57	90.13 4.15 -52.21	127.78 4.15 -89.34	216.58 4.91 -168.56	320.93 5.85 -261.34	188.94 7.91 -110.39	607.32 43.65 -168.53	287.27 20.68 -87.58	355.20 25.95 -100.13	261.73 16.46 -87.72	223.20 10.88 -104.18	230.09 6.19 -161.79	72.53 4.13 -18.76	70.24 3.73 -20.24	43.36 3.42 -1.13
LISF__SOLAR 323691	35.52 3.12 -2.23	38.24 2.93 -6.37	38.44 2.67 -6.89	38.44 2.61 -6.75	38.12 2.39 -9.27	34.07 2.59 -3.22	38.47 3.02 -4.02	37.95 3.44 -0.93	39.46 3.65 -3.14	73.91 3.87 -37.57	90.85 4.24 -52.84	129.03 4.25 -90.48	219.03 5.06 -170.85	324.68 6.05 -264.89	190.94 8.19 -112.12	611.90 45.18 -171.59	289.25 21.38 -88.87	357.60 27.00 -101.48	264.10 17.21 -89.35	225.82 11.40 -106.27	232.64 6.48 -164.05	72.78 4.36 -18.78	70.45 3.92 -20.25	43.50 3.57 -1.13

LITTLE FALLS___HYD 24013	31.22 1.06 0.00	29.83 0.90 0.00	29.63 0.75 0.00	29.76 0.68 0.00	27.15 0.69 0.00	28.98 0.73 0.00	32.08 0.64 0.00	34.10 0.53 0.00	33.03 0.36 0.00	32.91 0.44 0.00	34.20 0.43 0.00	34.75 0.45 0.00	43.60 0.47 0.00	54.43 0.69 0.00	72.14 1.51 0.00	404.54 9.40 0.00	183.52 4.51 0.00	236.39 7.28 0.00	163.78 6.23 0.00	112.95 4.80 0.00	65.17 3.06 0.00	53.06 3.42 0.00	49.52 3.25 0.00	41.37 2.56 0.00
LITTLRIV_115KV_TB1 356100	29.47 -0.70 0.00	28.31 -0.63 -0.01	28.47 -0.41 0.00	28.65 -0.44 0.00	26.05 -0.41 0.00	27.81 -0.45 0.00	30.96 -0.49 -0.02	32.91 -0.67 0.00	31.69 -0.99 0.00	31.23 -1.24 0.00	32.32 -1.46 0.00	32.78 -1.52 0.00	41.40 -1.72 0.00	52.05 -2.09 -0.40	68.62 -3.12 -1.12	377.79 -18.93 -1.58	171.77 -8.59 -1.35	218.54 -10.66 -0.09	152.39 -6.52 -1.37	106.55 -3.10 -1.50	62.01 -1.29 -1.19	49.81 -0.63 -0.80	45.69 -0.83 -0.25	38.03 -0.78 0.00
LI_NEWBRDGE___DRP 323616	34.95 2.56 -2.23	37.67 2.37 -6.37	37.87 2.11 -6.89	37.88 2.05 -6.74	37.62 1.90 -9.27	33.54 2.07 -3.22	37.85 2.41 -4.02	37.29 2.78 -0.93	38.77 2.96 -3.14	73.25 3.21 -37.57	46.48 3.52 -9.19	48.11 3.45 -10.36	56.34 3.98 -9.24	73.40 4.81 -14.85	82.14 6.62 -4.89	434.66 37.23 -2.30	201.51 17.74 -4.76	251.01 21.89 0.00	171.32 13.78 0.00	117.21 8.90 -0.16	72.07 4.86 -5.10	70.13 3.27 -17.21	68.70 3.05 -19.38	42.77 2.83 -1.13
LOCKPORT_115KV_TB60_63_64 80432	29.25 -0.91 0.00	28.12 -0.81 0.00	27.82 -1.07 0.00	28.18 -0.91 0.00	25.51 -0.94 0.00	27.33 -0.92 0.00	30.43 -1.01 0.00	32.19 -1.39 0.00	31.38 -1.29 0.00	31.24 -1.23 0.00	32.92 -0.85 0.00	33.88 -0.41 0.00	43.56 0.44 0.00	53.45 -0.29 0.00	69.09 -1.54 0.00	411.76 -7.62 -24.25	173.59 -5.43 0.00	221.10 -8.75 -0.73	171.24 -5.61 -19.31	136.30 -3.79 -31.95	60.66 -1.46 -0.02	48.72 -0.92 0.00	45.80 -0.47 0.00	38.42 -0.38 0.00
LOCKPORT___CC1 323769	29.21 -0.95 0.00	28.09 -0.84 0.00	27.79 -1.09 0.00	28.15 -0.93 0.00	25.49 -0.96 0.00	27.30 -0.95 0.00	30.39 -1.04 0.00	32.13 -1.45 0.00	31.29 -1.39 0.00	31.12 -1.34 0.00	32.78 -0.99 0.00	33.73 -0.56 0.00	43.36 0.24 0.00	53.21 -0.53 0.00	68.74 -1.89 0.00	405.88 -9.59 -20.34	172.55 -6.46 0.00	216.29 -10.04 2.78	76.97 -6.53 74.04	-18.74 -4.36 122.53	60.25 -1.83 0.04	48.43 -1.22 0.00	45.55 -0.73 0.00	38.23 -0.58 0.00
LOCKPORT___CC2 323770	29.21 -0.95 0.00	28.09 -0.84 0.00	27.79 -1.09 0.00	28.15 -0.93 0.00	25.49 -0.96 0.00	27.30 -0.95 0.00	30.39 -1.04 0.00	32.13 -1.45 0.00	31.29 -1.39 0.00	31.12 -1.34 0.00	32.78 -0.99 0.00	33.73 -0.56 0.00	43.36 0.24 0.00	53.21 -0.53 0.00	68.74 -1.89 0.00	405.88 -9.59 -20.34	172.55 -6.46 0.00	216.29 -10.04 2.78	76.97 -6.53 74.04	-18.74 -4.36 122.53	60.25 -1.83 0.04	48.43 -1.22 0.00	45.55 -0.73 0.00	38.23 -0.58 0.00
LOCKPORT___CC3 323771	29.21 -0.95 0.00	28.09 -0.84 0.00	27.79 -1.09 0.00	28.15 -0.93 0.00	25.49 -0.96 0.00	27.30 -0.95 0.00	30.39 -1.04 0.00	32.13 -1.45 0.00	31.29 -1.39 0.00	31.12 -1.34 0.00	32.78 -0.99 0.00	33.73 -0.56 0.00	43.36 0.24 0.00	53.21 -0.53 0.00	68.74 -1.89 0.00	405.88 -9.59 -20.34	172.55 -6.46 0.00	216.29 -10.04 2.78	76.97 -6.53 74.04	-18.74 -4.36 122.53	60.25 -1.83 0.04	48.43 -1.22 0.00	45.55 -0.73 0.00	38.23 -0.58 0.00
LONG_LAKE_PHOENIX 24014	29.74 -0.42 0.00	28.56 -0.44 -0.07	28.33 -0.55 0.00	28.53 -0.55 0.00	25.95 -0.51 0.00	27.73 -0.52 0.00	31.19 -0.47 -0.22	33.12 -0.46 0.00	32.26 -0.42 0.00	32.07 -0.40 0.00	33.45 -0.33 0.00	34.03 -0.27 0.00	42.94 -0.18 0.00	58.19 -0.26 -4.71	83.43 -0.31 -13.11	412.65 -1.07 -18.59	194.01 -0.85 -15.85	229.17 -0.99 -1.06	173.14 -0.47 -16.06	125.43 -0.33 -17.61	75.87 -0.13 -13.88	58.82 -0.20 -9.38	48.92 -0.29 -2.94	38.45 -0.35 0.00
LOVETT___3 23632	32.13 1.96 0.00	30.76 1.83 0.00	30.44 1.56 0.00	30.60 1.52 0.00	27.86 1.40 0.00	29.78 1.53 0.00	33.20 1.77 0.00	35.68 2.10 0.00	34.95 2.27 0.00	33.95 2.51 1.02	36.54 2.76 0.00	36.97 2.67 0.00	46.16 3.04 0.00	57.54 3.80 0.00	75.97 5.34 0.00	427.48 32.35 0.00	194.75 15.74 0.00	248.09 18.98 0.00	169.45 11.90 0.00	115.73 7.59 0.00	70.07 4.08 -3.88	68.90 2.85 -16.41	48.84 2.57 0.00	41.14 2.34 0.00
LOVETT___4 23642	32.13 1.96 0.00	30.76 1.83 0.00	30.44 1.56 0.00	30.60 1.52 0.00	27.86 1.40 0.00	29.78 1.53 0.00	33.20 1.77 0.00	35.68 2.10 0.00	34.95 2.27 0.00	33.95 2.51 1.02	36.54 2.76 0.00	36.97 2.67 0.00	46.16 3.04 0.00	57.54 3.80 0.00	75.97 5.34 0.00	427.48 32.35 0.00	194.75 15.74 0.00	248.09 18.98 0.00	169.45 11.90 0.00	115.73 7.59 0.00	70.07 4.08 -3.88	68.90 2.85 -16.41	48.84 2.57 0.00	41.14 2.34 0.00
LOVETT___5 23593	32.13 1.96 0.00	30.76 1.83 0.00	30.44 1.56 0.00	30.60 1.52 0.00	27.86 1.40 0.00	29.78 1.53 0.00	33.20 1.77 0.00	35.68 2.10 0.00	34.95 2.27 0.00	33.95 2.51 1.02	36.54 2.76 0.00	36.97 2.67 0.00	46.16 3.04 0.00	57.54 3.80 0.00	75.97 5.34 0.00	427.48 32.35 0.00	194.75 15.74 0.00	248.09 18.98 0.00	169.45 11.90 0.00	115.73 7.59 0.00	70.07 4.08 -3.88	68.90 2.85 -16.41	48.84 2.57 0.00	41.14 2.34 0.00
LOWER RAQUET___HYD 24057	29.05 -1.11 0.00	27.91 -1.03 -0.01	28.07 -0.81 0.00	28.24 -0.84 0.00	25.67 -0.79 0.00	27.41 -0.84 0.00	30.50 -0.96 -0.02	32.48 -1.10 0.00	31.35 -1.33 0.00	30.94 -1.53 0.00	32.04 -1.73 0.00	32.49 -1.81 0.00	41.00 -2.11 0.00	51.47 -2.70 -0.43	67.92 -3.91 -1.19	373.15 -23.67 -1.69	169.74 -10.72 -1.44	215.93 -13.28 -0.10	150.66 -8.34 -1.46	105.25 -4.50 -1.60	61.10 -2.28 -1.26	49.06 -1.44 -0.85	44.92 -1.62 -0.27	37.39 -1.41 0.00
LOWER___HUDSON 24059	31.62 1.46 0.00	30.29 1.36 0.00	30.16 1.28 0.00	30.31 1.23 0.00	27.64 1.18 0.00	29.54 1.29 0.00	32.72 1.29 0.00	34.94 1.36 0.00	33.93 1.25 0.00	33.92 1.34 -0.11	35.16 1.38 0.00	35.72 1.42 0.00	44.62 1.50 0.00	55.85 2.11 0.00	73.78 3.15 0.00	412.39 17.26 0.00	186.84 7.84 0.00	240.36 11.25 0.00	165.58 8.04 0.00	113.66 5.51 0.00	103.44 3.19 -38.13	213.56 2.41 -161.50	48.45 2.18 0.00	40.61 1.80 0.00
LOWVILLE_115KV_TB2 356335	30.77 0.61 0.00	29.44 0.49 -0.01	29.33 0.46 0.00	29.51 0.44 0.00	26.86 0.41 0.00	28.72 0.47 0.00	32.13 0.65 -0.05	34.21 0.64 0.00	33.22 0.55 0.00	32.96 0.50 0.00	34.18 0.40 0.00	34.73 0.44 0.00	43.81 0.69 0.00	55.82 1.10 -0.98	74.32 0.96 -2.73	401.66 2.66 -3.87	184.16 1.86 -3.30	232.64 3.31 -0.22	164.71 3.82 -3.34	115.87 4.05 -3.67	67.84 2.84 -2.89	54.07 2.48 -1.95	48.80 1.92 -0.61	40.03 1.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.06 1.89 0.00	30.67 1.74 0.00	30.51 1.63 0.00	30.67 1.59 0.00	27.95 1.49 0.00	29.88 1.63 0.00	33.18 1.74 0.00	35.39 1.81 0.00	34.40 1.72 0.00	34.35 1.78 -0.10	35.58 1.80 0.00	36.23 1.94 0.00	45.38 2.26 0.00	56.75 3.01 0.00	75.05 4.42 0.00	419.90 24.77 0.00	190.42 11.41 0.00	245.07 15.96 0.00	169.33 11.78 0.00	116.28 8.13 0.00	111.85 4.72 -45.01	243.72 3.44 -190.63	49.36 3.08 0.00	41.32 2.51 0.00

LUTHERNY_35_KV_BK2 355980	32.06 1.90 0.00	30.69 1.76 0.00	30.53 1.65 0.00	30.69 1.61 0.00	27.96 1.50 0.00	29.88 1.63 0.00	33.18 1.75 0.00	35.43 1.85 0.00	34.42 1.75 0.00	34.37 1.80 -0.10	35.57 1.80 0.00	36.28 1.99 0.00	45.45 2.33 0.00	56.83 3.09 0.00	75.16 4.53 0.00	420.63 25.49 0.00	190.57 11.56 0.00	245.49 16.38 0.00	169.54 12.00 0.00	116.49 8.34 0.00	111.95 4.82 -45.01	243.78 3.51 -190.63	49.42 3.15 0.00	41.35 2.55 0.00
LWR___OSWEGATCHIE_HYD 23850	29.87 -0.30 0.00	28.62 -0.33 -0.01	28.58 -0.30 0.00	28.73 -0.35 0.00	26.14 -0.32 0.00	27.92 -0.33 0.00	31.16 -0.31 -0.04	33.19 -0.39 0.00	32.18 -0.49 0.00	31.88 -0.59 0.00	33.07 -0.71 0.00	33.60 -0.69 0.00	42.38 -0.74 0.00	53.83 -0.76 -0.85	71.56 -1.44 -2.37	387.99 -10.50 -3.35	177.61 -4.26 -2.86	224.84 -4.46 -0.19	158.52 -1.92 -2.90	111.32 0.00 -3.18	65.17 0.55 -2.51	52.06 0.73 -1.69	47.07 0.27 -0.53	38.74 -0.06 0.00
LYONS_FALL_HYD 23570	30.87 0.70 0.00	29.54 0.59 -0.01	29.41 0.53 0.00	29.60 0.53 0.00	26.94 0.48 0.00	28.81 0.56 0.00	32.19 0.73 -0.04	34.34 0.76 0.00	33.39 0.71 0.00	33.18 0.71 0.00	34.46 0.69 0.00	35.03 0.73 0.00	44.14 1.02 0.00	55.89 1.45 -0.71	74.25 1.66 -1.96	405.71 7.79 -2.78	185.42 4.04 -2.38	235.12 5.85 -0.16	165.12 5.17 -2.41	115.27 4.49 -2.64	67.09 2.89 -2.08	53.44 2.39 -1.41	48.64 1.93 -0.44	40.12 1.32 0.00
MADISON___COUNTY_LFGE 323628	31.14 0.98 0.00	29.81 0.86 -0.01	29.62 0.74 0.00	29.83 0.75 0.00	27.15 0.69 0.00	29.03 0.78 0.00	32.46 0.99 -0.04	34.64 1.06 0.00	33.73 1.05 0.00	33.58 1.11 0.00	35.00 1.23 0.00	35.61 1.32 0.00	44.90 1.79 0.00	56.72 2.28 -0.70	75.63 3.05 -1.94	416.48 18.60 -2.75	189.63 8.27 -2.35	240.16 10.89 -0.16	167.96 8.04 -2.38	116.57 5.81 -2.61	67.66 3.49 -2.06	53.72 2.69 -1.39	49.01 2.31 -0.44	40.51 1.71 0.00
MALONE___115KV_TB1 356076	29.82 -0.35 0.00	28.67 -0.26 0.00	28.87 -0.01 0.00	29.04 -0.04 0.00	26.41 -0.05 0.00	28.18 -0.07 0.00	31.36 -0.07 0.00	33.48 -0.09 0.00	32.37 -0.30 0.00	32.04 -0.43 0.00	33.20 -0.57 0.00	33.55 -0.74 0.00	42.27 -0.85 0.00	52.56 -1.18 0.00	68.76 -1.87 0.00	381.40 -13.73 0.00	172.55 -6.46 0.00	221.99 -7.12 0.00	152.94 -4.60 0.00	105.69 -2.45 0.00	60.93 -1.18 0.00	49.32 -0.32 0.00	46.05 -0.22 0.00	38.51 -0.30 0.00
MAPLEWOD_115KV_TB3 80458	31.47 1.31 0.00	30.15 1.22 0.00	30.02 1.15 0.00	30.18 1.10 0.00	27.52 1.06 0.00	29.38 1.13 0.00	32.57 1.13 0.00	34.81 1.24 0.00	33.86 1.19 0.00	33.88 1.30 -0.11	35.11 1.34 0.00	35.63 1.33 0.00	44.53 1.41 0.00	55.70 1.97 0.00	73.58 2.95 0.00	411.00 15.86 0.00	186.63 7.62 0.00	239.71 10.60 0.00	164.93 7.38 0.00	113.16 5.02 0.00	95.27 2.84 -30.32	180.28 2.22 -128.41	48.29 2.02 0.00	40.47 1.66 0.00
MAPLE_RIDGE_WT_1 323574	29.92 -0.24 0.00	28.73 -0.20 0.00	28.75 -0.13 0.00	28.97 -0.12 0.00	26.35 -0.11 0.00	28.14 -0.11 0.00	31.30 -0.13 0.00	33.43 -0.15 0.00	32.48 -0.20 0.00	32.19 -0.28 0.00	33.44 -0.34 0.00	33.94 -0.36 0.00	42.64 -0.48 0.00	53.02 -0.72 0.00	69.57 -1.06 0.00	388.20 -6.94 0.00	175.84 -3.17 0.00	225.11 -4.01 0.00	155.03 -2.52 0.00	106.76 -1.39 0.00	61.39 -0.72 0.00	49.18 -0.47 0.00	45.86 -0.40 0.00	38.43 -0.37 0.00
MAPLE_RIDGE_WT_2 323611	29.92 -0.24 0.00	28.73 -0.20 0.00	28.75 -0.13 0.00	28.97 -0.12 0.00	26.35 -0.11 0.00	28.14 -0.11 0.00	31.30 -0.13 0.00	33.43 -0.15 0.00	32.48 -0.20 0.00	32.19 -0.28 0.00	33.44 -0.34 0.00	33.94 -0.36 0.00	42.64 -0.48 0.00	53.02 -0.72 0.00	69.57 -1.06 0.00	388.20 -6.94 0.00	175.84 -3.17 0.00	225.11 -4.01 0.00	155.03 -2.52 0.00	106.76 -1.39 0.00	61.39 -0.72 0.00	49.18 -0.47 0.00	45.86 -0.40 0.00	38.43 -0.37 0.00
MARBLE_RIVER_WT_PWR 323696	29.76 -0.40 0.00	28.64 -0.30 0.00	28.83 -0.05 0.00	29.04 -0.04 0.00	26.42 -0.04 0.00	28.18 -0.07 0.00	31.35 -0.08 0.00	33.48 -0.10 0.00	32.40 -0.27 0.00	32.07 -0.40 0.00	33.22 -0.55 0.00	33.42 -0.87 0.00	42.03 -1.09 0.00	52.15 -1.59 0.00	68.22 -2.41 0.00	379.20 -15.93 0.00	171.40 -7.61 0.00	220.55 -8.56 0.00	151.71 -5.83 0.00	104.47 -3.67 0.00	60.15 -1.96 0.00	48.69 -0.96 0.00	45.80 -0.47 0.00	38.41 -0.39 0.00
MARSHVLE_115KV_TB1 80742	32.17 2.01 0.00	30.81 1.88 0.00	30.73 1.85 0.00	30.95 1.88 0.00	28.11 1.66 0.00	30.06 1.81 0.00	33.46 2.03 0.00	35.37 1.79 0.00	34.25 1.57 0.00	34.01 1.54 0.00	35.43 1.66 0.00	36.04 1.74 0.00	45.75 2.63 0.00	56.97 3.23 0.00	74.69 4.06 0.00	419.04 23.90 0.00	190.27 11.26 0.00	244.31 15.19 0.00	168.97 11.43 0.00	117.01 8.87 0.00	108.08 5.39 -40.57	224.58 3.10 -171.83	49.04 2.77 0.00	40.91 2.11 0.00
MARSH_HILL_WT_PWR 323713	30.53 0.37 0.00	29.28 0.34 -0.01	28.84 -0.04 0.00	29.23 0.15 0.00	26.41 -0.05 0.00	28.34 0.09 0.00	31.81 0.35 -0.03	33.80 0.22 0.00	33.13 0.46 0.00	33.03 0.57 0.00	34.66 0.88 0.00	35.43 1.14 0.00	45.24 2.12 0.00	56.11 1.89 -0.49	73.79 1.80 -1.36	416.87 15.36 -6.38	184.64 4.00 -1.64	233.50 4.27 -0.12	163.10 3.59 -1.97	113.04 2.57 -2.33	65.52 1.97 -1.44	51.96 1.34 -0.97	47.92 1.35 -0.30	39.56 0.75 0.00
MCINTYRE_115KV_TB2 80467	29.71 -0.45 0.00	28.54 -0.39 0.00	28.73 -0.15 0.00	28.90 -0.18 0.00	26.28 -0.18 0.00	28.06 -0.19 0.00	31.23 -0.20 0.00	33.13 -0.45 0.00	31.83 -0.84 0.00	31.34 -1.13 0.00	32.40 -1.37 0.00	32.88 -1.42 0.00	41.52 -1.60 0.00	51.93 -1.81 0.00	67.80 -2.83 0.00	378.22 -16.91 0.00	171.32 -7.69 0.00	219.55 -9.57 0.00	151.63 -5.92 0.00	105.53 -2.61 0.00	61.23 -0.88 0.00	49.40 -0.25 0.00	45.86 -0.41 0.00	38.39 -0.42 0.00
MECO_____69_KV_BK1 80468	33.75 3.59 0.00	32.26 3.33 0.00	32.09 3.21 0.00	32.27 3.19 0.00	29.33 2.87 0.00	31.38 3.13 0.00	34.54 3.10 0.00	35.33 1.76 0.00	33.72 1.05 0.00	33.54 1.08 0.00	34.70 0.93 0.00	34.74 0.44 0.00	44.35 1.23 0.00	55.63 1.90 0.00	73.26 2.63 0.00	413.90 18.76 0.00	189.69 10.68 0.00	252.06 22.95 0.00	178.42 20.87 0.00	125.82 17.67 0.00	116.00 10.76 -43.13	239.51 7.22 -182.65	52.56 6.28 0.00	43.61 4.80 0.00
MENANDS___115KV_TB5 355628	31.26 1.09 0.00	29.94 1.01 0.00	29.84 0.96 0.00	29.99 0.91 0.00	27.35 0.90 0.00	29.20 0.95 0.00	32.36 0.93 0.00	34.59 1.01 0.00	33.63 0.96 0.00	33.65 1.07 -0.11	34.88 1.10 0.00	35.37 1.07 0.00	44.16 1.04 0.00	55.23 1.49 0.00	72.90 2.27 0.00	407.38 12.24 0.00	184.79 5.78 0.00	237.24 8.13 0.00	163.20 5.65 0.00	111.93 3.79 0.00	93.32 2.12 -29.08	174.53 1.72 -123.17	47.85 1.58 0.00	40.14 1.33 0.00
MG INDUSTRY___DRP 24185	31.20 1.03 0.00	29.92 0.99 0.00	29.85 0.97 0.00	30.03 0.94 0.00	27.37 0.91 0.00	29.20 0.95 0.00	32.35 0.91 0.00	34.44 0.87 0.00	33.39 0.72 0.00	33.28 0.71 -0.10	34.34 0.56 0.00	34.39 0.09 0.00	42.73 -0.39 0.00	53.39 -0.35 0.00	70.41 -0.22 0.00	393.85 -1.29 0.00	178.83 -0.18 0.00	229.68 0.57 0.00	158.29 0.74 0.00	108.80 0.66 0.00	80.40 0.46 -17.83	125.54 0.40 -75.50	47.04 0.76 0.00	40.02 1.22 0.00

MID___OSWEGATCHIE_HYD 23849	29.87 -0.30 0.00	28.62 -0.33 -0.01	28.58 -0.30 0.00	28.73 -0.35 0.00	26.14 -0.32 0.00	27.92 -0.33 0.00	31.16 -0.31 -0.04	33.19 -0.39 0.00	32.18 -0.49 0.00	31.88 -0.59 0.00	33.07 -0.71 0.00	33.60 -0.69 0.00	42.38 -0.74 0.00	53.83 -0.76 -0.85	71.56 -1.44 -2.37	387.99 -10.50 -3.35	177.61 -4.26 -2.86	224.84 -4.46 -0.19	158.52 -1.92 -2.90	111.32 0.00 -3.18	65.17 0.55 -2.51	52.06 0.73 -1.69	47.07 0.27 -0.53	38.74 -0.06 0.00
MID___RAQUETTE_HYD 23851	29.05 -1.11 0.00	27.91 -1.03 -0.01	28.07 -0.82 0.00	28.24 -0.84 0.00	25.67 -0.79 0.00	27.41 -0.84 0.00	30.50 -0.96 -0.02	32.48 -1.10 0.00	31.35 -1.32 0.00	30.94 -1.53 0.00	32.04 -1.73 0.00	32.49 -1.81 0.00	41.01 -2.11 0.00	51.47 -2.70 -0.43	67.92 -3.91 -1.19	373.16 -23.66 -1.69	169.74 -10.71 -1.44	215.93 -13.28 -0.10	150.63 -8.37 -1.46	105.25 -4.50 -1.60	61.10 -2.28 -1.26	49.06 -1.44 -0.85	44.92 -1.62 -0.27	37.39 -1.41 0.00
MILLIKEN___1 23584	30.88 0.71 0.00	29.63 0.67 -0.02	29.36 0.48 0.00	29.58 0.50 0.00	26.90 0.45 0.00	28.79 0.53 0.00	32.22 0.71 -0.08	34.35 0.77 0.00	33.49 0.82 0.00	33.25 0.79 0.00	34.71 0.94 0.00	35.34 1.04 0.00	44.74 1.62 0.00	57.10 1.89 -1.47	77.02 2.30 -4.09	416.73 15.79 -5.80	190.54 6.59 -4.95	238.17 8.73 -0.33	169.06 6.51 -5.01	118.34 4.70 -5.49	70.46 2.91 -5.43	59.29 2.04 -7.60	48.95 1.77 -0.92	40.06 1.26 0.00
MILLIKEN___2 23585	30.88 0.71 0.00	29.63 0.67 -0.02	29.36 0.48 0.00	29.58 0.50 0.00	26.90 0.45 0.00	28.79 0.53 0.00	32.22 0.71 -0.08	34.35 0.77 0.00	33.49 0.82 0.00	33.25 0.79 0.00	34.71 0.94 0.00	35.34 1.04 0.00	44.74 1.62 0.00	57.10 1.89 -1.47	77.02 2.30 -4.09	416.73 15.79 -5.80	190.54 6.59 -4.95	238.17 8.73 -0.33	169.06 6.51 -5.01	118.34 4.70 -5.49	70.46 2.91 -5.43	59.29 2.04 -7.60	48.95 1.77 -0.92	40.06 1.26 0.00
MILLIKEN___DIESEL 23629	30.88 0.71 0.00	29.63 0.67 -0.02	29.36 0.48 0.00	29.58 0.50 0.00	26.90 0.45 0.00	28.79 0.53 0.00	32.22 0.71 -0.08	34.35 0.77 0.00	33.49 0.82 0.00	33.25 0.79 0.00	34.71 0.94 0.00	35.34 1.04 0.00	44.74 1.62 0.00	57.10 1.89 -1.47	77.02 2.30 -4.09	416.73 15.79 -5.80	190.54 6.59 -4.95	238.17 8.73 -0.33	169.06 6.51 -5.01	118.34 4.70 -5.49	70.46 2.91 -5.43	59.29 2.04 -7.60	48.95 1.77 -0.92	40.06 1.26 0.00
MILLSEAT___LFGE 323607	29.88 -0.28 0.00	28.69 -0.24 0.00	28.37 -0.51 0.00	28.70 -0.38 0.00	26.01 -0.45 0.00	27.87 -0.38 0.00	31.10 -0.33 0.00	33.00 -0.58 0.00	32.18 -0.49 0.00	32.04 -0.43 0.00	33.75 -0.02 0.00	34.74 0.44 0.00	44.62 1.51 0.00	54.93 1.19 0.00	71.23 0.60 0.00	419.57 4.61 -19.83	179.06 0.05 0.00	228.56 -1.16 -0.61	173.46 -0.03 -15.94	134.85 0.32 -26.38	62.92 0.79 -0.01	50.39 0.75 0.00	47.20 0.93 0.00	39.48 0.68 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.32 2.15 0.00	30.90 1.97 0.00	30.58 1.70 0.00	30.73 1.65 0.00	27.98 1.53 0.00	29.93 1.68 0.00	33.40 1.97 0.00	35.88 2.30 0.00	35.15 2.48 0.00	35.95 2.73 -0.75	36.77 3.00 0.00	37.23 2.94 0.00	46.44 3.32 0.00	57.86 4.12 0.00	76.42 5.79 0.00	428.45 33.32 0.00	194.93 15.92 0.00	248.54 19.43 0.00	169.89 12.35 0.00	116.15 8.01 0.00	70.46 4.30 -4.04	69.76 3.02 -17.09	49.02 2.75 0.00	41.25 2.45 0.00
MILLWOOD_13_KV_LOAD 356217	32.42 2.26 0.00	31.01 2.08 0.00	30.67 1.80 0.00	30.83 1.75 0.00	28.07 1.61 0.00	30.02 1.77 0.00	33.50 2.07 0.00	36.00 2.42 0.00	35.29 2.62 0.00	36.09 2.87 -0.75	36.94 3.16 0.00	37.41 3.11 0.00	46.68 3.56 0.00	58.17 4.43 0.00	76.82 6.19 0.00	430.76 35.63 0.00	195.92 16.91 0.00	249.87 20.76 0.00	170.74 13.20 0.00	116.72 8.57 0.00	70.80 4.65 -4.04	70.00 3.26 -17.09	49.23 2.96 0.00	41.41 2.61 0.00
MODEL_CITY_ENERGY 24167	28.95 -1.22 0.00	27.85 -1.08 0.00	27.55 -1.33 0.00	27.90 -1.18 0.00	25.28 -1.18 0.00	27.07 -1.19 0.00	30.12 -1.31 0.00	31.88 -1.70 0.00	31.08 -1.59 0.00	30.98 -1.49 0.00	32.63 -1.14 0.00	33.58 -0.72 0.00	43.17 0.05 0.00	52.97 -0.77 0.00	68.42 -2.22 0.00	398.15 -11.58 -14.59	171.72 -7.29 0.00	218.36 -11.16 -0.41	161.09 -7.34 -10.88	121.21 -4.94 -18.00	59.97 -2.16 -0.01	48.18 -1.46 0.00	45.34 -0.93 0.00	38.08 -0.72 0.00
MODERN_LFGE___ 323580	28.95 -1.22 0.00	27.85 -1.08 0.00	27.55 -1.33 0.00	27.90 -1.18 0.00	25.28 -1.18 0.00	27.07 -1.19 0.00	30.12 -1.31 0.00	31.88 -1.70 0.00	31.08 -1.59 0.00	30.98 -1.49 0.00	32.63 -1.14 0.00	33.58 -0.72 0.00	43.17 0.05 0.00	52.97 -0.77 0.00	68.42 -2.22 0.00	398.15 -11.58 -14.59	171.72 -7.29 0.00	218.36 -11.16 -0.41	161.09 -7.34 -10.88	121.21 -4.94 -18.00	59.97 -2.16 -0.01	48.18 -1.46 0.00	45.34 -0.93 0.00	38.08 -0.72 0.00
MOHAWK_PAPER___DRP 24187	31.47 1.31 0.00	30.15 1.22 0.00	30.02 1.15 0.00	30.18 1.10 0.00	27.52 1.06 0.00	29.38 1.13 0.00	32.57 1.13 0.00	34.81 1.24 0.00	33.86 1.19 0.00	33.88 1.30 -0.11	35.11 1.34 0.00	35.63 1.33 0.00	44.53 1.41 0.00	55.70 1.97 0.00	73.58 2.95 0.00	411.00 15.86 0.00	186.63 7.62 0.00	239.71 10.60 0.00	164.93 7.38 0.00	113.16 5.02 0.00	95.27 2.84 -30.32	180.28 2.22 -128.41	48.29 2.02 0.00	40.47 1.66 0.00
MOHICAN___35_KV_115KV_LD 80490	32.39 2.22 0.00	30.89 1.96 0.00	30.68 1.80 0.00	30.86 1.79 0.00	28.15 1.69 0.00	30.15 1.90 0.00	33.48 2.05 0.00	35.69 2.11 0.00	34.63 1.96 0.00	34.56 1.99 -0.10	35.74 1.96 0.00	36.45 2.16 0.00	45.67 2.55 0.00	57.13 3.38 0.00	75.78 5.15 0.00	424.80 29.66 0.00	192.90 13.88 0.00	248.78 19.67 0.00	172.36 14.82 0.00	118.41 10.26 0.00	113.45 6.00 -45.34	245.68 4.04 -192.00	49.93 3.66 0.00	41.84 3.03 0.00
MONGAUP___HYD 23641	32.25 2.08 0.00	30.82 1.89 0.00	30.54 1.66 0.00	30.68 1.60 0.00	27.91 1.46 0.00	29.84 1.59 0.00	33.26 1.83 0.00	35.65 2.07 0.00	34.78 2.10 0.00	34.07 2.20 0.60	36.16 2.39 0.00	36.57 2.27 0.00	45.83 2.71 0.00	57.31 3.57 0.00	75.30 4.67 0.00	420.82 25.69 0.00	192.00 12.99 0.00	245.96 16.85 0.00	169.30 11.76 0.00	116.23 8.08 0.00	70.26 4.56 -3.59	68.52 3.69 -15.18	49.52 3.25 0.00	41.49 2.68 0.00
MONTAUK___DIESEL 23721	37.02 4.62 -2.23	39.60 4.30 -6.37	39.76 3.99 -6.89	39.74 3.92 -6.74	39.28 3.56 -9.27	35.33 3.85 -3.22	39.97 4.52 -4.02	39.65 5.14 -0.93	41.26 5.45 -3.14	75.50 5.46 -37.57	92.29 6.04 -52.47	130.21 6.09 -89.82	220.18 7.54 -169.52	325.67 9.10 -262.83	193.91 12.17 -111.10	634.52 69.64 -169.75	299.51 32.48 -88.01	369.85 40.17 -100.57	271.28 25.41 -88.33	229.14 15.98 -105.02	234.69 9.84 -162.74	75.00 6.59 -18.77	72.23 5.72 -20.24	45.23 5.29 -1.13
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.49 0.32 0.00	29.23 0.29 0.00	28.72 -0.16 0.00	29.13 0.05 0.00	26.34 -0.11 0.00	28.29 0.04 0.00	31.95 0.52 0.00	34.12 0.55 0.00	33.61 0.93 0.00	33.61 1.14 0.00	35.53 1.76 0.00	36.51 2.21 0.00	46.80 3.69 0.00	57.49 3.75 0.00	73.91 3.28 0.00	428.86 22.35 -11.37	185.74 6.73 0.00	235.96 6.82 -0.03	163.06 4.74 -0.78	112.43 3.00 -1.29	64.63 2.51 0.00	52.01 2.37 0.00	48.72 2.44 0.00	40.60 1.80 0.00

MORTIMER_115KV_TB3 55949	29.86 -0.31 0.00	28.64 -0.29 0.00	28.40 -0.48 0.00	28.68 -0.41 0.00	26.03 -0.43 0.00	27.87 -0.38 0.00	31.08 -0.35 0.00	33.14 -0.44 0.00	32.37 -0.31 0.00	32.29 -0.17 0.00	33.93 0.15 0.00	34.81 0.51 0.00	44.42 1.31 0.00	54.96 1.22 0.00	71.55 0.92 0.00	401.68 6.54 0.00	180.58 1.57 0.00	230.23 1.05 -0.07	160.64 1.18 -1.91	112.11 0.80 -3.16	62.74 0.62 0.00	50.21 0.57 0.00	46.92 0.65 0.00	39.22 0.42 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.64 2.47 0.00	31.17 2.24 0.00	30.83 1.95 0.00	30.97 1.89 0.00	28.20 1.75 0.00	30.18 1.93 0.00	33.71 2.28 0.00	36.25 2.67 0.00	35.56 2.88 0.00	36.30 3.15 -0.68	37.23 3.45 0.00	37.65 3.36 0.00	46.89 3.77 0.00	58.35 4.61 0.00	77.09 6.46 0.00	431.67 36.54 0.00	196.30 17.29 0.00	249.99 20.88 0.00	170.75 13.21 0.00	116.80 8.65 0.00	70.82 4.64 -4.07	70.09 3.22 -17.22	49.23 2.95 0.00	41.51 2.71 0.00
MUNSVILLE_WIND_PWR 323609	32.54 2.38 0.00	31.16 2.22 -0.02	30.91 2.03 0.00	31.19 2.11 0.00	28.36 1.90 0.00	30.37 2.11 0.00	34.05 2.56 -0.05	36.37 2.79 0.00	35.35 2.68 0.00	35.06 2.60 0.00	36.54 2.77 0.00	37.15 2.85 0.00	47.34 4.22 0.00	59.72 5.04 -0.94	79.94 6.70 -2.61	440.10 41.27 -3.70	200.78 18.62 -3.15	254.90 25.58 -0.21	179.61 18.87 -3.19	124.65 12.99 -3.50	75.28 7.72 -5.45	68.63 5.75 -13.23	51.89 5.04 -0.58	42.57 3.77 0.00
N SALMON___HYD 24042	29.81 -0.35 0.00	28.67 -0.26 0.00	28.87 -0.01 0.00	29.04 -0.04 0.00	26.41 -0.05 0.00	28.18 -0.07 0.00	31.36 -0.07 0.00	33.48 -0.09 0.00	32.37 -0.30 0.00	32.04 -0.43 0.00	33.20 -0.57 0.00	33.55 -0.74 0.00	42.27 -0.85 0.00	52.56 -1.18 0.00	68.76 -1.87 0.00	381.42 -13.72 0.00	172.53 -6.48 0.00	221.98 -7.13 0.00	152.97 -4.57 0.00	105.69 -2.46 0.00	60.94 -1.18 0.00	49.32 -0.32 0.00	46.05 -0.22 0.00	38.51 -0.30 0.00
N.AKRON___115KV_KNAPP 355671	29.74 -0.42 0.00	28.56 -0.37 0.00	28.25 -0.63 0.00	28.60 -0.49 0.00	25.90 -0.56 0.00	27.76 -0.49 0.00	30.95 -0.48 0.00	32.82 -0.75 0.00	32.02 -0.66 0.00	31.88 -0.59 0.00	33.59 -0.19 0.00	34.58 0.28 0.00	44.44 1.32 0.00	54.65 0.91 0.00	70.77 0.14 0.00	418.60 1.89 -21.58	177.90 -1.12 0.00	226.94 -2.83 -0.66	173.52 -1.30 -17.28	136.03 -0.70 -28.58	62.39 0.26 -0.01	50.01 0.36 0.00	46.89 0.61 0.00	39.25 0.44 0.00
N.BELMOR_69_KV_BK1 55787	33.54 2.92 -0.46	38.01 2.71 -6.37	38.18 2.42 -6.89	38.18 2.36 -6.74	37.89 2.17 -9.27	33.83 2.36 -3.22	38.20 2.75 -4.02	37.69 3.18 -0.93	35.98 3.38 0.07	73.70 3.66 -37.57	46.86 3.93 -9.16	49.45 3.83 -11.32	56.35 4.50 -8.73	76.66 5.48 -17.44	93.12 7.44 -15.04	518.31 41.92 -81.25	542.50 20.01 -343.48	703.86 25.05 -449.71	331.33 15.95 -157.84	125.87 10.27 -7.46	72.82 5.61 -5.10	70.78 3.92 -17.21	75.38 3.67 -25.44	43.29 3.36 -1.13
N.E_GEN_SANDY PD 24062	31.78 1.61 0.00	30.41 1.48 0.00	30.25 1.35 -0.03	30.37 1.28 0.00	27.70 1.24 0.00	29.73 1.37 -0.10	32.74 1.44 0.13	35.69 1.59 -0.52	33.88 1.57 0.36	34.38 1.71 -0.21	35.59 1.82 0.00	36.12 1.82 0.00	45.04 1.92 0.00	56.37 2.64 0.00	74.50 3.87 0.00	404.62 21.27 11.79	110.39 9.88 78.51	255.94 13.36 -13.48	201.49 8.95 -34.99	114.10 5.95 0.00	148.04 3.29 -82.64	146.06 2.44 -93.98	48.49 2.21 0.00	40.68 1.88 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.21 2.05 0.00	30.83 1.90 0.00	30.50 1.62 0.00	30.66 1.58 0.00	27.91 1.46 0.00	29.85 1.59 0.00	33.27 1.84 0.00	35.75 2.18 0.00	35.05 2.37 0.00	34.08 2.62 1.00	36.68 2.90 0.00	37.13 2.83 0.00	46.38 3.26 0.00	57.82 4.08 0.00	76.36 5.73 0.00	429.54 34.41 0.00	195.64 16.63 0.00	249.25 20.14 0.00	170.29 12.75 0.00	116.31 8.16 0.00	70.36 4.38 -3.87	69.10 3.08 -16.37	49.04 2.77 0.00	41.26 2.45 0.00
N.QUEENS_27_KV_LOAD 356247	32.68 2.52 0.00	31.22 2.29 0.00	30.91 2.03 0.00	31.02 1.94 0.00	28.29 1.84 0.00	30.21 1.96 0.00	33.80 2.37 0.00	36.31 2.73 0.00	35.67 2.99 0.00	36.33 3.19 -0.68	37.30 3.52 -0.01	37.69 3.40 0.00	46.93 3.80 0.00	58.41 4.67 0.00	77.26 6.63 0.00	431.00 35.87 0.00	196.34 17.33 0.00	250.00 20.89 0.00	170.64 13.09 0.00	116.84 8.69 0.00	70.93 4.75 -4.06	70.07 3.21 -17.21	49.24 2.97 0.00	41.67 2.86 0.00
N.TROY___115KV_TB1 355778	31.62 1.46 0.00	30.29 1.36 0.00	30.16 1.28 0.00	30.31 1.23 0.00	27.64 1.18 0.00	29.54 1.28 0.00	32.72 1.28 0.00	34.93 1.36 0.00	33.93 1.25 0.00	33.92 1.34 -0.11	35.16 1.38 0.00	35.72 1.42 0.00	44.62 1.50 0.00	55.85 2.11 0.00	73.78 3.15 0.00	412.41 17.27 0.00	186.85 7.84 0.00	240.36 11.25 0.00	165.60 8.06 0.00	113.67 5.52 0.00	103.44 3.20 -38.13	213.56 2.41 -161.50	48.45 2.18 0.00	40.61 1.80 0.00
NARROWS_GT1_1 24228	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT1_2 24229	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT1_3 24230	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT1_4 24231	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT1_5 24232	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00

NARROWS_GT1_6 24233	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT1_7 24234	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT1_8 24235	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT2_1 24236	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT2_2 24237	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT2_3 24238	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT2_4 24239	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT2_5 24240	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT2_6 24241	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT2_7 24242	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NARROWS_GT2_8 24243	32.83 2.67 0.00	31.34 2.40 0.00	30.97 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.45 2.87 0.00	35.83 3.15 0.00	37.36 3.43 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.00 0.00	433.17 38.03 0.00	197.11 18.10 0.00	250.14 21.03 0.00	170.75 13.20 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.97 3.41 -75.92	49.35 3.08 0.00	41.71 2.90 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.94 1.77 0.00	30.57 1.64 0.00	30.47 1.59 0.00	30.61 1.53 0.00	27.90 1.44 0.00	29.77 1.52 0.00	33.00 1.57 0.00	35.20 1.62 0.00	34.07 1.39 0.00	33.74 1.27 0.00	34.91 1.13 0.00	35.32 1.03 0.00	44.20 1.08 0.00	55.38 1.65 0.00	73.19 2.56 0.00	409.70 14.57 0.00	186.04 7.03 0.00	239.85 10.74 0.00	166.20 8.65 0.00	114.48 6.33 0.00	82.43 3.79 -16.53	122.58 2.94 -69.99	49.13 2.86 0.00	41.22 2.42 0.00
NCHELSEA_115KV_TR2 355582	32.56 2.39 0.00	31.11 2.18 0.00	30.81 1.93 0.00	30.94 1.86 0.00	28.17 1.71 0.00	30.12 1.87 0.00	33.61 2.18 0.00	36.09 2.51 0.00	35.34 2.67 0.00	35.39 2.92 0.00	37.00 3.22 0.00	37.48 3.19 0.00	46.89 3.77 0.00	58.49 4.75 0.00	77.25 6.62 0.00	433.54 38.40 0.00	197.17 18.16 0.00	251.99 22.88 0.00	172.53 14.98 0.00	117.98 9.84 0.00	71.70 5.33 -4.26	71.49 3.81 -18.03	49.71 3.44 0.00	41.69 2.88 0.00
NEG CAPITAL___MECHNVIL 23645	32.09 1.93 0.00	30.69 1.76 0.00	30.53 1.65 0.00	30.69 1.61 0.00	27.96 1.51 0.00	29.90 1.64 0.00	33.19 1.76 0.00	35.43 1.85 0.00	34.43 1.76 0.00	34.41 1.84 -0.11	35.68 1.90 0.00	36.32 2.02 0.00	45.48 2.36 0.00	56.91 3.17 0.00	75.27 4.64 0.00	421.09 25.96 0.00	191.17 12.16 0.00	245.97 16.86 0.00	169.82 12.28 0.00	116.60 8.46 0.00	110.23 4.87 -43.24	236.33 3.56 -183.13	49.44 3.17 0.00	41.39 2.58 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.44 -0.72 0.00	28.22 -0.71 0.00	28.00 -0.88 0.00	28.25 -0.83 0.00	25.65 -0.80 0.00	27.47 -0.78 0.00	30.66 -0.77 0.00	32.72 -0.86 0.00	31.98 -0.69 0.00	31.92 -0.55 0.00	33.51 -0.26 0.00	34.35 0.06 0.00	43.77 0.65 0.00	54.31 0.57 0.00	70.85 0.21 0.00	397.37 2.23 0.00	179.02 0.01 0.00	228.36 -0.75 0.00	157.48 -0.06 0.00	108.11 -0.04 0.00	62.16 0.04 0.00	49.60 -0.04 0.00	46.26 -0.01 0.00	38.65 -0.16 0.00

NEG CENTRAL___DRP 24199	30.36 0.20 0.00	29.13 0.17 -0.02	28.84 -0.04 0.00	29.07 -0.01 0.00	26.42 -0.04 0.00	28.29 0.04 0.00	31.65 0.14 -0.08	33.71 0.13 0.00	32.99 0.32 0.00	32.85 0.38 0.00	34.35 0.58 0.00	35.09 0.79 0.00	44.55 1.43 0.00	56.90 1.70 -1.47	76.53 1.82 -4.08	413.50 12.58 -5.78	188.28 4.34 -4.93	235.09 5.65 -0.33	166.85 4.31 -4.99	116.96 3.34 -5.48	68.55 2.12 -4.32	53.96 1.40 -2.92	48.39 1.21 -0.91	39.60 0.80 0.00
NEG CENTRAL___INDECK 23768	30.97 0.81 0.00	29.64 0.71 0.00	29.29 0.40 0.00	29.61 0.53 0.00	26.80 0.34 0.00	28.77 0.51 0.00	32.23 0.80 0.00	34.25 0.67 0.00	33.11 0.44 0.00	32.52 0.05 0.00	33.99 0.22 0.00	34.88 0.58 0.00	44.05 0.93 0.00	53.59 -0.15 0.00	68.73 -1.90 0.00	386.37 -8.76 0.00	173.20 -5.81 0.00	221.12 -7.99 0.00	152.88 -4.67 0.00	105.59 -2.56 0.00	61.50 -0.62 0.00	49.56 -0.09 0.00	47.50 1.23 0.00	39.72 0.92 0.00
NEG CENTRAL___SENECA 23627	30.48 0.31 0.00	29.21 0.26 -0.01	28.87 -0.01 0.00	29.15 0.07 0.00	26.46 0.01 0.00	28.37 0.12 0.00	31.74 0.26 -0.04	33.83 0.25 0.00	33.12 0.45 0.00	32.99 0.52 0.00	34.56 0.78 0.00	35.34 1.05 0.00	44.98 1.86 0.00	56.59 2.08 -0.77	75.00 2.24 -2.13	413.56 15.41 -3.01	186.51 4.93 -2.57	235.92 6.63 -0.17	165.24 5.09 -2.61	115.07 4.06 -2.86	67.02 2.65 -2.25	52.92 1.76 -1.52	48.32 1.57 -0.48	39.85 1.04 0.00
NEG CENTRAL___STATE_STREET 24147	30.41 0.24 0.00	29.26 0.29 -0.03	29.02 0.14 0.00	29.16 0.08 0.00	26.57 0.11 0.00	28.45 0.19 0.00	31.82 0.28 -0.10	33.90 0.32 0.00	33.07 0.40 0.00	32.81 0.35 0.00	34.34 0.57 0.00	35.01 0.72 0.00	44.32 1.20 0.00	57.09 1.39 -1.96	77.48 1.38 -5.47	413.74 10.86 -7.75	190.13 4.51 -6.61	235.41 5.86 -0.44	168.21 3.97 -6.70	118.69 3.20 -7.34	69.90 1.99 -5.79	54.75 1.20 -3.91	48.45 0.96 -1.23	39.43 0.63 0.00
NEG MILLWOOD___DRP 24198	32.70 2.53 0.00	31.22 2.29 0.00	30.90 2.02 0.00	31.03 1.95 0.00	28.25 1.80 0.00	30.22 1.97 0.00	33.74 2.31 0.00	36.26 2.68 0.00	35.54 2.87 0.00	35.84 3.15 -0.22	37.26 3.49 0.00	37.77 3.48 0.00	47.25 4.13 0.00	58.92 5.18 0.00	77.83 7.20 0.00	436.68 41.54 0.00	198.52 19.51 0.00	253.58 24.47 0.00	173.49 15.95 0.00	118.60 10.45 0.00	71.95 5.61 -4.23	71.55 4.00 -17.91	49.87 3.60 0.00	41.85 3.05 0.00
NEG NORTH_FLCN_SEA 23793	30.13 -0.03 0.00	28.99 0.06 0.00	29.18 0.30 0.00	29.42 0.34 0.00	26.79 0.33 0.00	28.56 0.31 0.00	31.77 0.34 0.00	33.89 0.31 0.00	32.78 0.11 0.00	32.46 0.00 0.00	33.58 -0.19 0.00	33.53 -0.77 0.00	42.02 -1.10 0.00	51.77 -1.97 0.00	67.74 -2.89 0.00	376.04 -19.10 0.00	169.80 -9.21 0.00	218.97 -10.14 0.00	150.60 -6.94 0.00	103.74 -4.40 0.00	59.75 -2.37 0.00	48.67 -0.97 0.00	46.33 0.06 0.00	38.95 0.14 0.00
NEG NORTH_KES_CHATEGAY 23792	29.72 -0.44 0.00	28.61 -0.32 0.00	28.82 -0.06 0.00	29.01 -0.07 0.00	26.38 -0.08 0.00	28.15 -0.10 0.00	31.30 -0.13 0.00	33.39 -0.18 0.00	32.28 -0.40 0.00	31.91 -0.56 0.00	33.08 -0.69 0.00	33.33 -0.97 0.00	41.95 -1.17 0.00	52.12 -1.62 0.00	68.23 -2.40 0.00	378.58 -16.55 0.00	171.35 -7.66 0.00	220.35 -8.76 0.00	151.71 -5.84 0.00	104.62 -3.52 0.00	60.30 -1.81 0.00	48.81 -0.83 0.00	45.77 -0.50 0.00	38.36 -0.44 0.00
NEG NORTH___ALICE_FALLS 23915	30.21 0.05 0.00	29.06 0.13 0.00	29.25 0.37 0.00	29.47 0.39 0.00	26.82 0.37 0.00	28.60 0.35 0.00	31.83 0.40 0.00	33.97 0.39 0.00	32.86 0.19 0.00	32.56 0.09 0.00	33.73 -0.05 0.00	33.81 -0.49 0.00	42.48 -0.64 0.00	52.51 -1.23 0.00	68.72 -1.91 0.00	381.16 -13.97 0.00	171.91 -7.10 0.00	221.89 -7.23 0.00	152.81 -4.73 0.00	105.34 -2.80 0.00	60.64 -1.47 0.00	49.30 -0.35 0.00	46.58 0.31 0.00	39.05 0.25 0.00
NEG NORTH___LWR_SARANAC 23913	30.21 0.05 0.00	29.06 0.13 0.00	29.25 0.37 0.00	29.47 0.39 0.00	26.82 0.37 0.00	28.60 0.35 0.00	31.83 0.40 0.00	33.97 0.39 0.00	32.86 0.19 0.00	32.56 0.09 0.00	33.73 -0.05 0.00	33.81 -0.49 0.00	42.48 -0.64 0.00	52.51 -1.23 0.00	68.72 -1.91 0.00	381.16 -13.97 0.00	171.91 -7.10 0.00	221.89 -7.23 0.00	152.81 -4.73 0.00	105.34 -2.80 0.00	60.64 -1.47 0.00	49.30 -0.35 0.00	46.58 0.31 0.00	39.05 0.25 0.00
NEG NORTH___PLATTSBURG 23628	30.21 0.05 0.00	29.06 0.13 0.00	29.25 0.38 0.00	29.46 0.39 0.00	26.82 0.37 0.00	28.60 0.35 0.00	31.83 0.40 0.00	33.97 0.39 0.00	32.86 0.19 0.00	32.56 0.09 0.00	33.73 -0.05 0.00	33.81 -0.49 0.00	42.48 -0.64 0.00	52.51 -1.23 0.00	68.73 -1.91 0.00	381.21 -13.92 0.00	171.89 -7.12 0.00	221.89 -7.22 0.00	152.83 -4.72 0.00	105.35 -2.80 0.00	60.64 -1.47 0.00	49.30 -0.35 0.00	46.58 0.31 0.00	39.05 0.25 0.00
NEG WEST_LEA_LOCKPORT 23791	29.21 -0.95 0.00	28.09 -0.84 0.00	27.79 -1.09 0.00	28.15 -0.93 0.00	25.49 -0.96 0.00	27.30 -0.95 0.00	30.39 -1.04 0.00	32.13 -1.45 0.00	31.29 -1.39 0.00	31.12 -1.35 0.00	32.78 -1.00 0.00	33.73 -0.57 0.00	43.36 0.24 0.00	53.20 -0.54 0.00	68.73 -1.89 0.00	405.87 -9.60 -20.34	172.62 -6.39 0.00	216.36 -9.98 2.78	77.00 -6.50 74.04	-18.80 -4.42 122.53	60.24 -1.83 0.04	48.44 -1.20 0.00	45.56 -0.72 0.00	38.23 -0.57 0.00
NEG WEST___LANCASTR 23811	29.57 -0.59 0.00	28.39 -0.54 0.00	28.03 -0.85 0.00	28.41 -0.67 0.00	25.74 -0.72 0.00	27.57 -0.68 0.00	30.83 -0.61 0.00	32.79 -0.79 0.00	32.13 -0.54 0.00	32.08 -0.39 0.00	33.75 -0.02 0.00	34.66 0.36 0.00	44.42 1.30 0.00	54.62 0.88 0.00	70.86 0.23 0.00	412.01 2.97 -13.91	178.43 -0.59 0.00	226.44 -2.71 -0.04	156.46 -2.04 -0.95	108.14 -1.58 -1.57	62.08 -0.04 0.00	49.56 -0.08 0.00	46.50 0.22 0.00	38.93 0.12 0.00
NEG_PENN_ALLEGHNY 23528	30.57 0.40 0.00	29.32 0.38 -0.01	29.04 0.16 0.00	29.32 0.23 0.00	26.63 0.17 0.00	28.48 0.23 0.00	31.89 0.42 -0.05	34.08 0.50 0.00	33.33 0.66 0.00	33.23 0.76 0.00	34.67 0.90 0.00	35.30 1.01 0.00	44.63 1.51 0.00	56.23 1.59 -0.90	75.17 2.03 -2.52	413.67 14.97 -3.57	187.25 5.20 -3.04	235.50 6.19 -0.20	165.02 4.40 -3.08	114.29 2.76 -3.38	68.22 1.71 -4.40	59.88 1.10 -9.13	47.91 1.08 -0.56	39.56 0.75 0.00
NEG___GEN_MONROE 24207	30.07 -0.10 0.00	28.84 -0.09 0.00	28.57 -0.30 0.00	28.86 -0.22 0.00	26.19 -0.26 0.00	28.05 -0.20 0.00	31.30 -0.13 0.00	33.35 -0.22 0.00	32.55 -0.13 0.00	32.46 -0.01 0.00	34.12 0.34 0.00	35.02 0.73 0.00	44.76 1.64 0.00	55.35 1.61 0.00	72.02 1.39 0.00	404.14 9.00 0.00	181.72 2.71 0.00	231.71 2.50 -0.10	162.48 2.33 -2.60	114.18 1.72 -4.31	63.38 1.26 0.00	50.70 1.06 0.00	47.38 1.11 0.00	39.59 0.78 0.00
NEPA___ENERGY 23901	29.79 -0.38 0.00	28.60 -0.33 0.00	28.07 -0.81 0.00	28.52 -0.56 0.00	25.81 -0.65 0.00	27.69 -0.56 0.00	31.16 -0.28 0.00	33.13 -0.45 0.00	32.66 -0.02 0.00	32.66 0.19 0.00	34.41 0.64 0.00	35.27 0.97 0.00	45.12 2.00 0.00	55.39 1.65 0.00	71.90 1.27 0.00	418.44 14.40 -8.91	181.23 2.22 0.00	229.96 0.82 -0.02	158.73 0.57 -0.61	109.13 -0.02 -1.01	62.83 0.71 0.00	50.09 0.44 0.00	47.03 0.76 0.00	39.21 0.41 0.00

RAVENSWOOD_GT2_3 24246	32.66 2.50 0.00	31.20 2.27 0.00	30.84 1.96 0.00	30.99 1.91 0.00	28.23 1.77 0.00	30.20 1.95 0.00	33.74 2.31 0.00	36.29 2.71 0.00	35.61 2.94 0.00	36.36 3.21 -0.68	37.28 3.51 0.00	37.71 3.41 0.00	46.95 3.83 0.00	58.40 4.66 0.00	77.17 6.54 0.00	432.07 36.94 0.00	196.44 17.43 0.00	250.06 20.95 0.00	170.78 13.23 0.00	116.82 8.67 0.00	70.82 4.64 -4.07	70.09 3.22 -17.22	49.23 2.96 0.00	41.53 2.72 0.00
RAVENSWOOD_GT2_4 24247	32.66 2.50 0.00	31.20 2.27 0.00	30.84 1.96 0.00	30.99 1.91 0.00	28.23 1.77 0.00	30.20 1.95 0.00	33.74 2.31 0.00	36.29 2.71 0.00	35.61 2.94 0.00	36.36 3.21 -0.68	37.28 3.51 0.00	37.71 3.41 0.00	46.95 3.83 0.00	58.40 4.66 0.00	77.17 6.54 0.00	432.07 36.94 0.00	196.44 17.43 0.00	250.06 20.95 0.00	170.78 13.23 0.00	116.82 8.67 0.00	70.82 4.64 -4.07	70.09 3.22 -17.22	49.23 2.96 0.00	41.53 2.72 0.00
RAVENSWOOD_GT3_1 24248	32.64 2.48 0.00	31.18 2.25 0.00	30.83 1.95 0.00	30.97 1.89 0.00	28.20 1.75 0.00	30.18 1.93 0.00	33.72 2.29 0.00	36.26 2.68 0.00	35.59 2.91 0.00	36.33 3.19 -0.68	37.26 3.48 0.00	37.68 3.38 0.00	46.91 3.79 0.00	58.35 4.61 0.00	77.10 6.47 0.00	431.70 36.56 0.00	196.29 17.28 0.00	249.85 20.74 0.00	170.65 13.11 0.00	116.72 8.57 0.00	70.77 4.59 -4.07	70.06 3.19 -17.22	49.20 2.93 0.00	41.50 2.70 0.00
RAVENSWOOD_GT3_2 24249	32.64 2.48 0.00	31.18 2.25 0.00	30.83 1.95 0.00	30.97 1.89 0.00	28.20 1.75 0.00	30.18 1.93 0.00	33.72 2.29 0.00	36.26 2.68 0.00	35.59 2.91 0.00	36.33 3.19 -0.68	37.26 3.48 0.00	37.68 3.38 0.00	46.91 3.79 0.00	58.35 4.61 0.00	77.10 6.47 0.00	431.70 36.56 0.00	196.29 17.28 0.00	249.85 20.74 0.00	170.65 13.11 0.00	116.72 8.57 0.00	70.77 4.59 -4.07	70.06 3.19 -17.22	49.20 2.93 0.00	41.50 2.70 0.00
RAVENSWOOD_GT3_3 24250	32.72 2.55 0.00	31.24 2.32 0.00	30.89 2.01 0.00	31.03 1.95 0.00	28.27 1.81 0.00	30.24 1.99 0.00	33.79 2.36 0.00	36.35 2.77 0.00	35.67 2.99 0.00	36.42 3.28 -0.68	37.35 3.58 0.00	37.78 3.48 0.00	47.04 3.92 0.00	58.51 4.78 0.00	77.31 6.68 0.00	432.88 37.75 0.00	196.82 17.81 0.00	250.54 21.42 0.00	171.09 13.55 0.00	117.03 8.88 0.00	70.95 4.76 -4.07	70.18 3.32 -17.22	49.31 3.04 0.00	41.60 2.79 0.00
RAVENSWOOD_GT3_4 24251	32.72 2.55 0.00	31.24 2.32 0.00	30.89 2.01 0.00	31.03 1.95 0.00	28.27 1.81 0.00	30.24 1.99 0.00	33.79 2.36 0.00	36.35 2.77 0.00	35.67 2.99 0.00	36.42 3.28 -0.68	37.35 3.58 0.00	37.78 3.48 0.00	47.04 3.92 0.00	58.51 4.78 0.00	77.31 6.68 0.00	432.88 37.75 0.00	196.82 17.81 0.00	250.54 21.42 0.00	171.09 13.55 0.00	117.03 8.88 0.00	70.95 4.76 -4.07	70.18 3.32 -17.22	49.31 3.04 0.00	41.60 2.79 0.00
RAVENSWOOD_GT_1 23729	32.72 2.56 0.00	31.26 2.33 0.00	30.91 2.03 0.00	31.05 1.97 0.00	28.28 1.83 0.00	30.26 2.01 0.00	33.84 2.41 0.00	36.39 2.81 0.00	35.76 3.08 0.00	37.42 3.36 -1.60	37.46 3.66 -0.03	37.80 3.50 0.00	47.04 3.92 0.00	58.54 4.80 0.00	77.35 6.72 0.00	432.27 37.14 0.00	196.63 17.62 0.00	250.09 20.98 0.00	170.74 13.19 0.00	116.81 8.64 -0.02	70.92 4.68 -4.13	74.55 3.23 -21.68	49.21 2.94 0.00	41.55 2.75 0.00
RAVENSWOOD_GT_10 24258	32.64 2.48 0.00	31.18 2.25 0.00	30.83 1.95 0.00	30.97 1.89 0.00	28.20 1.75 0.00	30.18 1.93 0.00	33.72 2.29 0.00	36.26 2.68 0.00	35.59 2.91 0.00	36.25 3.18 -0.60	37.25 3.48 0.00	37.68 3.38 0.00	46.91 3.79 0.00	58.35 4.61 0.00	77.10 6.47 0.00	431.67 36.54 0.00	196.29 17.28 0.00	249.88 20.77 0.00	170.67 13.12 0.00	116.76 8.62 0.00	70.77 4.59 -4.07	70.06 3.20 -17.22	49.20 2.93 0.00	41.50 2.70 0.00
RAVENSWOOD_GT_11 24259	32.64 2.48 0.00	31.18 2.25 0.00	30.83 1.95 0.00	30.97 1.89 0.00	28.20 1.75 0.00	30.18 1.93 0.00	33.72 2.29 0.00	36.26 2.68 0.00	35.59 2.91 0.00	36.25 3.18 -0.60	37.25 3.48 0.00	37.68 3.38 0.00	46.91 3.79 0.00	58.35 4.61 0.00	77.10 6.47 0.00	431.67 36.54 0.00	196.29 17.28 0.00	249.88 20.77 0.00	170.67 13.12 0.00	116.76 8.62 0.00	70.77 4.59 -4.07	70.06 3.20 -17.22	49.20 2.93 0.00	41.50 2.70 0.00
RAVENSWOOD_GT_4 24252	32.64 2.47 0.00	31.17 2.24 0.00	30.82 1.94 0.00	30.96 1.89 0.00	28.20 1.74 0.00	30.17 1.92 0.00	33.70 2.27 0.00	36.25 2.67 0.00	35.56 2.89 0.00	35.80 3.17 -0.17	37.22 3.46 0.01	37.67 3.38 0.00	46.90 3.78 0.00	58.35 4.61 0.00	77.05 6.42 0.00	431.67 36.53 0.00	196.30 17.29 0.00	249.99 20.88 0.00	170.75 13.21 0.00	116.82 8.65 -0.02	70.83 4.60 -4.12	73.47 3.21 -20.62	49.22 2.95 0.00	41.51 2.71 0.00
RAVENSWOOD_GT_5 24254	32.64 2.47 0.00	31.17 2.24 0.00	30.82 1.94 0.00	30.96 1.89 0.00	28.20 1.74 0.00	30.17 1.92 0.00	33.70 2.27 0.00	36.25 2.67 0.00	35.56 2.89 0.00	35.80 3.17 -0.17	37.22 3.46 0.01	37.67 3.38 0.00	46.90 3.78 0.00	58.35 4.61 0.00	77.05 6.42 0.00	431.67 36.53 0.00	196.30 17.29 0.00	249.99 20.88 0.00	170.75 13.21 0.00	116.82 8.65 -0.02	70.83 4.60 -4.12	73.47 3.21 -20.62	49.22 2.95 0.00	41.51 2.71 0.00
RAVENSWOOD_GT_6 24253	32.64 2.47 0.00	31.17 2.24 0.00	30.82 1.94 0.00	30.96 1.89 0.00	28.20 1.74 0.00	30.17 1.92 0.00	33.70 2.27 0.00	36.25 2.67 0.00	35.56 2.89 0.00	35.80 3.17 -0.17	37.22 3.46 0.01	37.67 3.38 0.00	46.90 3.78 0.00	58.35 4.61 0.00	77.05 6.42 0.00	431.67 36.53 0.00	196.30 17.29 0.00	249.99 20.88 0.00	170.75 13.21 0.00	116.82 8.65 -0.02	70.83 4.60 -4.12	73.47 3.21 -20.62	49.22 2.95 0.00	41.51 2.71 0.00
RAVENSWOOD_GT_7 24255	32.64 2.47 0.00	31.17 2.24 0.00	30.82 1.94 0.00	30.96 1.89 0.00	28.20 1.74 0.00	30.17 1.92 0.00	33.70 2.27 0.00	36.25 2.67 0.00	35.56 2.89 0.00	35.80 3.17 -0.17	37.22 3.46 0.01	37.67 3.38 0.00	46.90 3.78 0.00	58.35 4.61 0.00	77.05 6.42 0.00	431.67 36.53 0.00	196.30 17.29 0.00	249.99 20.88 0.00	170.75 13.21 0.00	116.82 8.65 -0.02	70.83 4.60 -4.12	73.47 3.21 -20.62	49.22 2.95 0.00	41.51 2.71 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.64 2.48 0.00	31.18 2.25 0.00	30.83 1.95 0.00	30.97 1.89 0.00	28.20 1.75 0.00	30.18 1.93 0.00	33.72 2.29 0.00	36.26 2.68 0.00	35.59 2.91 0.00	36.25 3.18 -0.60	37.25 3.48 0.00	37.68 3.38 0.00	46.91 3.79 0.00	58.35 4.61 0.00	77.10 6.47 0.00	431.67 36.54 0.00	196.29 17.28 0.00	249.88 20.77 0.00	170.67 13.12 0.00	116.76 8.62 0.00	70.77 4.59 -4.07	70.06 3.20 -17.22	49.20 2.93 0.00	41.50 2.70 0.00
RAVENSWOOD_GT_9 24257	32.64 2.48 0.00	31.18 2.25 0.00	30.83 1.95 0.00	30.97 1.89 0.00	28.20 1.75 0.00	30.18 1.93 0.00	33.72 2.29 0.00	36.26 2.68 0.00	35.59 2.91 0.00	36.25 3.18 -0.60	37.25 3.48 0.00	37.68 3.38 0.00	46.91 3.79 0.00	58.35 4.61 0.00	77.10 6.47 0.00	431.67 36.54 0.00	196.29 17.28 0.00	249.88 20.77 0.00	170.67 13.12 0.00	116.76 8.62 0.00	70.77 4.59 -4.07	70.06 3.20 -17.22	49.20 2.93 0.00	41.50 2.70 0.00

RAVENSWOOD___1 23533	32.70 2.54 0.00	31.23 2.30 0.00	30.89 2.01 0.00	31.02 1.94 0.00	28.27 1.80 0.00	30.23 1.98 0.00	33.82 2.39 0.00	36.36 2.79 0.00	35.72 3.05 0.00	37.26 3.32 -1.47	37.41 3.62 -0.02	37.77 3.48 0.00	47.01 3.88 0.00	58.49 4.75 0.00	77.32 6.69 0.00	432.24 37.11 0.00	196.55 17.54 0.00	249.93 20.82 0.00	170.56 13.02 0.00	116.72 8.57 0.00	70.81 4.63 -4.07	70.07 3.20 -17.22	49.18 2.91 0.00	41.53 2.72 0.00
RAVENSWOOD___2 23534	32.68 2.52 0.00	31.21 2.28 0.00	30.87 1.99 0.00	31.00 1.92 0.00	28.25 1.79 0.00	30.22 1.97 0.00	33.79 2.36 0.00	36.34 2.76 0.00	35.69 3.01 0.00	37.09 3.29 -1.34	37.37 3.58 -0.02	37.71 3.41 0.00	46.87 3.75 0.00	58.33 4.59 0.00	77.08 6.45 0.00	430.60 35.47 0.00	195.32 16.31 0.00	247.95 18.84 0.00	169.17 11.63 0.00	115.78 7.64 0.00	70.33 4.15 -4.07	69.65 2.79 -17.22	48.77 2.50 0.00	41.24 2.44 0.00
RAVENSWOOD___3 23535	32.65 2.48 0.00	31.18 2.25 0.00	30.83 1.95 0.00	30.97 1.89 0.00	28.21 1.75 0.00	30.18 1.93 0.00	33.72 2.29 0.00	36.26 2.68 0.00	35.59 2.91 0.00	36.33 3.19 -0.68	37.26 3.48 0.00	37.68 3.38 0.00	46.91 3.79 0.00	58.37 4.63 0.00	77.10 6.47 0.00	431.71 36.58 0.00	196.31 17.29 0.00	249.90 20.79 0.00	170.65 13.10 0.00	116.74 8.59 0.00	70.77 4.59 -4.07	70.06 3.20 -17.22	49.20 2.93 0.00	41.50 2.70 0.00
RAVENSWOOD___4 23820	32.68 2.52 0.00	31.21 2.28 0.00	30.87 1.99 0.00	31.00 1.92 0.00	28.25 1.79 0.00	30.22 1.97 0.00	33.79 2.36 0.00	36.34 2.76 0.00	35.69 3.01 0.00	37.09 3.29 -1.34	37.38 3.58 -0.02	37.75 3.45 0.00	46.98 3.86 0.00	58.46 4.72 0.00	77.26 6.63 0.00	431.84 36.71 0.00	196.43 17.42 0.00	249.79 20.68 0.00	170.42 12.88 0.00	116.60 8.48 0.02	70.70 4.58 -4.00	65.63 3.16 -12.82	49.14 2.87 0.00	41.50 2.70 0.00
RCPL_TRUST___DRP 24196	32.64 2.47 0.00	31.17 2.24 0.00	30.83 1.95 0.00	30.97 1.89 0.00	28.21 1.75 0.00	30.19 1.94 0.00	33.73 2.30 0.00	36.30 2.72 0.00	35.63 2.96 0.00	36.39 3.25 -0.68	37.33 3.56 0.00	37.78 3.49 0.00	47.03 3.91 0.00	58.50 4.76 0.00	77.28 6.65 0.00	432.85 37.72 0.00	196.67 17.66 0.00	250.36 21.24 0.00	170.95 13.41 0.00	116.90 8.75 0.00	70.83 4.65 -4.07	70.10 3.24 -17.22	49.24 2.97 0.00	41.51 2.71 0.00
RED___ROCHESTER 323720	30.09 -0.07 0.00	28.85 -0.08 0.00	28.59 -0.29 0.00	28.86 -0.21 0.00	26.20 -0.26 0.00	28.05 -0.21 0.00	31.28 -0.15 0.00	33.38 -0.20 0.00	32.62 -0.05 0.00	32.58 0.11 0.00	34.26 0.48 0.00	35.16 0.87 0.00	44.91 1.79 0.00	55.57 1.83 0.00	72.33 1.70 0.00	406.04 10.90 0.00	182.61 3.60 0.00	232.92 3.75 -0.06	162.15 3.09 -1.51	112.80 2.14 -2.51	63.48 1.37 0.00	50.74 1.10 0.00	47.40 1.13 0.00	39.59 0.79 0.00
REGAN___SOLAR 323812	33.75 3.59 0.00	32.26 3.33 0.00	32.09 3.20 0.00	32.27 3.19 0.00	29.33 2.87 0.00	31.38 3.13 0.00	34.53 3.10 0.00	35.33 1.75 0.00	33.72 1.04 0.00	33.54 1.08 0.00	34.70 0.93 0.00	34.74 0.44 0.00	44.34 1.23 0.00	55.64 1.90 0.00	73.26 2.63 0.00	413.61 18.48 0.00	189.69 10.68 0.00	252.05 22.94 0.00	178.40 20.86 0.00	125.82 17.67 0.00	116.00 10.75 -43.13	239.50 7.21 -182.65	52.56 6.28 0.00	43.61 4.80 0.00
RENSSELAER___COGEN 23796	31.01 0.85 0.00	29.72 0.79 0.00	29.62 0.74 0.00	29.77 0.69 0.00	27.15 0.69 0.00	28.98 0.72 0.00	32.11 0.68 0.00	34.32 0.74 0.00	33.35 0.67 0.00	33.33 0.76 -0.11	34.51 0.73 0.00	34.96 0.66 0.00	43.62 0.50 0.00	54.49 0.75 0.00	71.90 1.27 0.00	401.49 6.36 0.00	182.27 3.26 0.00	233.93 4.82 0.00	160.84 3.30 0.00	110.38 2.24 0.00	87.75 1.25 -24.39	154.03 1.10 -103.29	47.37 1.10 0.00	39.77 0.97 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.16 3.99 0.00	32.39 3.46 0.00	32.09 3.21 0.00	32.36 3.28 0.00	29.64 3.18 0.00	31.92 3.67 0.00	35.47 4.04 0.00	37.56 3.98 0.00	36.29 3.61 0.00	36.08 3.51 -0.10	37.39 3.61 0.00	38.27 3.97 0.00	47.93 4.81 0.00	60.25 6.51 0.00	80.69 10.06 0.00	451.70 56.57 0.00	204.21 25.20 0.00	264.25 35.14 0.00	182.87 25.32 0.00	125.65 17.50 0.00	118.00 10.32 -45.57	248.90 6.29 -192.96	52.25 5.98 0.00	44.19 5.39 0.00
REVERE_CPPR_DRP 24186	31.36 1.20 0.00	30.00 1.06 -0.01	29.82 0.94 0.00	30.03 0.94 0.00	27.33 0.87 0.00	29.24 0.99 0.00	32.69 1.23 -0.03	34.89 1.32 0.00	33.98 1.30 0.00	33.82 1.35 0.00	35.23 1.45 0.00	35.83 1.53 0.00	45.17 2.05 0.00	57.09 2.70 -0.66	76.03 3.57 -1.83	418.40 20.68 -2.59	190.87 9.65 -2.21	242.23 12.97 -0.15	169.59 9.81 -2.24	117.84 7.24 -2.46	68.36 4.31 -1.94	54.33 3.37 -1.31	49.54 2.86 -0.41	40.90 2.10 0.00
REYNOLDS_115KV_TB3 80639	31.25 1.09 0.00	29.94 1.01 0.00	29.84 0.96 0.00	30.00 0.92 0.00	27.37 0.91 0.00	29.22 0.97 0.00	32.35 0.92 0.00	34.57 1.00 0.00	33.60 0.93 0.00	33.62 1.04 -0.12	34.83 1.06 0.00	35.33 1.04 0.00	44.09 0.98 0.00	55.13 1.40 0.00	72.79 2.16 0.00	406.59 11.46 0.00	184.40 5.39 0.00	236.82 7.71 0.00	162.88 5.34 0.00	111.72 3.58 0.00	91.30 2.02 -27.16	166.31 1.63 -115.04	47.77 1.50 0.00	40.08 1.28 0.00
RIVERBAY____ 323610	32.97 2.81 0.00	31.45 2.52 0.00	31.15 2.27 0.00	31.26 2.18 0.00	28.50 2.04 0.00	30.44 2.19 0.00	34.09 2.66 0.00	36.64 3.06 0.00	36.05 3.37 0.00	36.71 3.56 -0.68	37.68 3.90 -0.01	37.99 3.70 0.00	47.45 4.33 0.00	59.14 5.40 0.00	78.18 7.55 0.00	436.72 41.59 0.00	198.89 19.88 0.00	253.44 24.33 0.00	173.07 15.53 0.00	118.49 10.34 0.00	71.86 5.68 -4.07	70.87 4.01 -17.22	49.99 3.72 0.00	42.20 3.40 0.00
RIVERSIDE_115KV_TB3 55908	31.17 1.01 0.00	29.88 0.95 0.00	29.76 0.88 0.00	29.92 0.84 0.00	27.29 0.83 0.00	29.13 0.87 0.00	32.27 0.84 0.00	34.50 0.92 0.00	33.54 0.87 0.00	33.56 0.98 -0.11	34.78 1.00 0.00	35.27 0.97 0.00	44.02 0.90 0.00	55.03 1.30 0.00	72.66 2.03 0.00	405.82 10.69 0.00	184.16 5.15 0.00	236.38 7.27 0.00	162.57 5.02 0.00	111.52 3.38 0.00	91.50 1.89 -27.50	167.65 1.56 -116.45	47.72 1.45 0.00	40.02 1.22 0.00
ROARING___BROOK_WT_PWR 323790	29.92 -0.24 0.00	28.73 -0.20 0.00	28.75 -0.13 0.00	28.97 -0.12 0.00	26.35 -0.11 0.00	28.14 -0.11 0.00	31.30 -0.13 0.00	33.43 -0.15 0.00	32.48 -0.20 0.00	32.19 -0.28 0.00	33.44 -0.34 0.00	33.94 -0.36 0.00	42.64 -0.48 0.00	53.02 -0.72 0.00	69.57 -1.06 0.00	388.20 -6.94 0.00	175.84 -3.17 0.00	225.11 -4.01 0.00	155.03 -2.52 0.00	106.76 -1.39 0.00	61.39 -0.72 0.00	49.18 -0.47 0.00	45.86 -0.40 0.00	38.43 -0.37 0.00
ROCHESRG_115KV_T4 355643	29.72 -0.45 0.00	28.52 -0.42 0.00	28.27 -0.61 0.00	28.55 -0.54 0.00	25.92 -0.54 0.00	27.74 -0.51 0.00	30.93 -0.50 0.00	32.97 -0.60 0.00	32.20 -0.47 0.00	32.12 -0.35 0.00	33.74 -0.04 0.00	34.59 0.29 0.00	44.14 1.02 0.00	54.59 0.85 0.00	71.05 0.42 0.00	398.62 3.49 0.00	179.33 0.32 0.00	228.59 -0.56 0.00	158.67 -0.02 0.00	110.04 0.01 -1.89	62.29 0.18 0.00	49.87 0.22 0.00	46.62 0.35 0.00	39.00 0.19 0.00

ROCHESTER_9_IC 23652	29.92 -0.25 0.00	28.70 -0.23 0.00	28.44 -0.44 0.00	28.72 -0.36 0.00	26.07 -0.39 0.00	27.91 -0.34 0.00	31.12 -0.31 0.00	33.20 -0.37 0.00	32.43 -0.24 0.00	32.36 -0.11 0.00	34.01 0.24 0.00	34.90 0.60 0.00	44.55 1.43 0.00	55.11 1.37 0.00	71.75 1.12 0.00	402.58 7.44 0.00	181.07 2.06 0.00	230.90 1.73 -0.06	160.66 1.60 -1.51	111.75 1.10 -2.51	62.90 0.79 0.00	50.32 0.68 0.00	47.03 0.76 0.00	39.31 0.51 0.00
ROCKVIEW_13_KV_LD 356306	32.65 2.49 0.00	31.18 2.25 0.00	30.84 1.96 0.00	30.98 1.90 0.00	28.21 1.75 0.00	30.18 1.93 0.00	33.69 2.26 0.00	36.23 2.65 0.00	35.52 2.84 0.00	36.25 3.11 -0.67	37.20 3.42 0.00	37.65 3.36 0.00	46.97 3.85 0.00	58.48 4.74 0.00	77.26 6.63 0.00	433.17 38.04 0.00	196.98 17.97 0.00	251.05 21.94 0.00	171.58 14.04 0.00	117.28 9.13 0.00	71.14 4.96 -4.07	70.35 3.49 -17.22	49.46 3.19 0.00	41.60 2.79 0.00
ROME____115KV_TB2 80656	31.36 1.20 0.00	30.00 1.06 -0.01	29.82 0.94 0.00	30.03 0.94 0.00	27.33 0.87 0.00	29.24 0.99 0.00	32.69 1.23 -0.03	34.89 1.32 0.00	33.98 1.30 0.00	33.82 1.35 0.00	35.23 1.45 0.00	35.83 1.53 0.00	45.17 2.05 0.00	57.09 2.70 -0.66	76.03 3.57 -1.83	418.40 20.68 -2.59	190.87 9.65 -2.21	242.23 12.97 -0.15	169.59 9.81 -2.24	117.84 7.24 -2.46	68.36 4.31 -1.94	54.33 3.37 -1.31	49.54 2.86 -0.41	40.90 2.10 0.00
ROSETON____1 23587	32.00 1.84 0.00	30.62 1.69 0.00	30.34 1.46 0.00	30.49 1.41 0.00	27.77 1.31 0.00	29.69 1.44 0.00	33.09 1.66 0.00	35.50 1.92 0.00	34.73 2.06 0.00	34.73 2.26 0.00	36.24 2.47 0.00	36.67 2.37 0.00	45.76 2.64 0.00	57.07 3.32 0.00	75.35 4.71 0.00	421.76 26.63 0.00	191.82 12.81 0.00	245.02 15.91 0.00	167.70 10.16 0.00	114.73 6.59 0.00	69.62 3.56 -3.94	68.83 2.49 -16.70	48.57 2.29 0.00	40.84 2.04 0.00
ROSETON____2 23588	32.00 1.84 0.00	30.62 1.69 0.00	30.34 1.46 0.00	30.49 1.41 0.00	27.77 1.31 0.00	29.69 1.44 0.00	33.09 1.66 0.00	35.50 1.92 0.00	34.73 2.06 0.00	34.73 2.26 0.00	36.24 2.47 0.00	36.67 2.37 0.00	45.76 2.64 0.00	57.07 3.32 0.00	75.35 4.71 0.00	421.76 26.63 0.00	191.82 12.81 0.00	245.02 15.91 0.00	167.70 10.16 0.00	114.73 6.59 0.00	69.62 3.56 -3.94	68.83 2.49 -16.70	48.57 2.29 0.00	40.84 2.04 0.00
ROTTDRAM_115KV_TB3 80664	31.41 1.24 0.00	30.09 1.16 0.00	29.96 1.09 0.00	30.13 1.05 0.00	27.45 0.99 0.00	29.31 1.06 0.00	32.56 1.13 0.00	34.75 1.17 0.00	33.80 1.13 0.00	33.76 1.20 -0.10	35.03 1.26 0.00	35.59 1.29 0.00	44.60 1.48 0.00	55.67 1.93 0.00	73.45 2.82 0.00	410.86 15.73 0.00	186.41 7.40 0.00	239.21 10.10 0.00	164.80 7.26 0.00	113.21 5.07 0.00	114.37 2.91 -49.35	260.75 2.10 -209.01	48.18 1.91 0.00	40.38 1.58 0.00
RUSSELL____1 23602	30.09 -0.07 0.00	28.85 -0.08 0.00	28.59 -0.29 0.00	28.86 -0.22 0.00	26.19 -0.26 0.00	28.04 -0.21 0.00	31.28 -0.16 0.00	33.38 -0.20 0.00	32.62 -0.05 0.00	32.57 0.11 0.00	34.26 0.48 0.00	35.16 0.87 0.00	44.91 1.79 0.00	55.57 1.83 0.00	72.33 1.70 0.00	406.05 10.92 0.00	182.67 3.66 0.00	232.94 3.77 -0.06	162.18 3.12 -1.51	112.77 2.12 -2.51	63.49 1.38 0.00	50.76 1.12 0.00	47.40 1.13 0.00	39.60 0.80 0.00
RUSSELL____2 23532	30.09 -0.07 0.00	28.85 -0.08 0.00	28.59 -0.29 0.00	28.86 -0.22 0.00	26.19 -0.26 0.00	28.04 -0.21 0.00	31.28 -0.16 0.00	33.38 -0.20 0.00	32.62 -0.05 0.00	32.57 0.11 0.00	34.26 0.48 0.00	35.16 0.87 0.00	44.91 1.79 0.00	55.57 1.83 0.00	72.33 1.70 0.00	406.05 10.92 0.00	182.67 3.66 0.00	232.94 3.77 -0.06	162.18 3.12 -1.51	112.77 2.12 -2.51	63.49 1.38 0.00	50.76 1.12 0.00	47.40 1.13 0.00	39.60 0.80 0.00
RUSSELL____3 23549	30.09 -0.07 0.00	28.85 -0.08 0.00	28.59 -0.29 0.00	28.86 -0.22 0.00	26.19 -0.26 0.00	28.04 -0.21 0.00	31.28 -0.16 0.00	33.38 -0.20 0.00	32.62 -0.05 0.00	32.57 0.11 0.00	34.26 0.48 0.00	35.16 0.87 0.00	44.91 1.79 0.00	55.57 1.83 0.00	72.33 1.70 0.00	406.05 10.92 0.00	182.67 3.66 0.00	232.94 3.77 -0.06	162.18 3.12 -1.51	112.77 2.12 -2.51	63.49 1.38 0.00	50.76 1.12 0.00	47.40 1.13 0.00	39.60 0.80 0.00
RUSSELL____4 23556	30.09 -0.07 0.00	28.85 -0.08 0.00	28.59 -0.29 0.00	28.86 -0.22 0.00	26.19 -0.26 0.00	28.04 -0.21 0.00	31.28 -0.16 0.00	33.38 -0.20 0.00	32.62 -0.05 0.00	32.57 0.11 0.00	34.26 0.48 0.00	35.16 0.87 0.00	44.91 1.79 0.00	55.57 1.83 0.00	72.33 1.70 0.00	406.05 10.92 0.00	182.67 3.66 0.00	232.94 3.77 -0.06	162.18 3.12 -1.51	112.77 2.12 -2.51	63.49 1.38 0.00	50.76 1.12 0.00	47.40 1.13 0.00	39.60 0.80 0.00
RUSSELL____STATION 23914	30.09 -0.07 0.00	28.85 -0.08 0.00	28.59 -0.29 0.00	28.86 -0.22 0.00	26.19 -0.26 0.00	28.04 -0.21 0.00	31.28 -0.16 0.00	33.38 -0.20 0.00	32.62 -0.05 0.00	32.57 0.11 0.00	34.26 0.48 0.00	35.16 0.87 0.00	44.91 1.79 0.00	55.57 1.83 0.00	72.33 1.70 0.00	406.05 10.92 0.00	182.67 3.66 0.00	232.94 3.77 -0.06	162.18 3.12 -1.51	112.77 2.12 -2.51	63.49 1.38 0.00	50.76 1.12 0.00	47.40 1.13 0.00	39.60 0.80 0.00
S SALMON____HYD 24043	30.08 -0.09 0.00	28.83 -0.15 -0.05	28.63 -0.25 0.00	28.84 -0.23 0.00	26.25 -0.21 0.00	28.05 -0.20 0.00	31.46 -0.13 -0.16	33.40 -0.17 0.00	32.51 -0.17 0.00	32.32 -0.14 0.00	33.53 -0.25 0.00	34.13 -0.17 0.00	43.06 -0.06 0.00	57.02 -0.05 -3.33	79.70 -0.20 -9.27	406.52 -1.76 -13.14	189.53 -0.69 -11.21	229.30 -0.56 -0.75	169.20 0.30 -11.36	121.30 0.70 -12.45	72.61 0.68 -9.82	57.00 0.72 -6.63	48.77 0.42 -2.08	38.90 0.09 0.00
S.PERRY__115KV_TB1 80734	30.97 0.81 0.00	29.64 0.71 0.00	29.28 0.40 0.00	29.61 0.53 0.00	26.80 0.34 0.00	28.76 0.51 0.00	32.23 0.80 0.00	34.25 0.67 0.00	33.11 0.44 0.00	32.52 0.05 0.00	33.98 0.21 0.00	34.88 0.58 0.00	44.05 0.93 0.00	53.60 -0.14 0.00	68.73 -1.90 0.00	386.38 -8.76 0.00	173.23 -5.78 0.00	221.17 -7.94 0.00	152.90 -4.64 0.00	105.60 -2.55 0.00	61.49 -0.62 0.00	49.58 -0.07 0.00	47.50 1.23 0.00	39.72 0.92 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.31 -0.86 0.00	28.18 -0.75 0.00	27.86 -1.02 0.00	28.22 -0.86 0.00	25.56 -0.90 0.00	27.37 -0.88 0.00	30.51 -0.92 0.00	32.39 -1.19 0.00	31.67 -1.00 0.00	31.61 -0.85 0.00	33.33 -0.45 0.00	34.27 -0.03 0.00	44.03 0.91 0.00	54.07 0.33 0.00	69.93 -0.70 0.00	392.83 -2.30 0.00	175.99 -3.02 0.00	223.33 -5.71 0.07	151.99 -3.71 1.85	102.50 -2.59 3.06	61.23 -0.89 0.00	49.12 -0.53 0.00	46.14 -0.13 0.00	38.70 -0.11 0.00
SAWYER____23_KV_LOAD 55526	29.31 -0.86 0.00	28.18 -0.75 0.00	27.86 -1.02 0.00	28.22 -0.86 0.00	25.56 -0.90 0.00	27.37 -0.88 0.00	30.51 -0.92 0.00	32.39 -1.19 0.00	31.67 -1.00 0.00	31.61 -0.85 0.00	33.33 -0.45 0.00	34.27 -0.03 0.00	44.03 0.91 0.00	54.07 0.33 0.00	69.93 -0.70 0.00	392.83 -2.30 0.00	175.99 -3.02 0.00	223.33 -5.71 0.07	151.99 -3.71 1.85	102.50 -2.59 3.06	61.23 -0.89 0.00	49.12 -0.53 0.00	46.14 -0.13 0.00	38.70 -0.11 0.00

SITHE___INDEPEND 23800	29.31 -0.86 0.00	27.89 -0.84 0.20	27.95 -0.93 0.00	28.16 -0.92 0.00	25.63 -0.82 0.00	27.37 -0.88 0.00	29.83 -0.95 0.65	32.57 -1.01 0.00	31.74 -0.94 0.00	31.58 -0.89 0.00	32.91 -0.87 0.00	33.49 -0.81 0.00	42.25 -0.88 0.00	39.58 -1.17 12.99	32.85 -1.61 36.17	335.40 -8.47 51.26	131.22 -4.07 43.72	221.01 -5.18 2.92	109.75 -3.48 44.31	57.16 -2.40 48.58	22.47 -1.35 38.29	22.64 -1.14 25.86	37.07 -1.10 8.10	37.83 -0.98 0.00
SITHE___MASSENA 23902	29.41 -0.75 0.00	28.28 -0.65 0.00	28.44 -0.44 0.00	28.63 -0.46 0.00	26.02 -0.44 0.00	27.79 -0.46 0.00	30.91 -0.52 0.00	32.96 -0.62 0.00	31.86 -0.81 0.00	31.43 -1.03 0.00	32.61 -1.17 0.00	33.07 -1.23 0.00	41.74 -1.38 0.00	52.09 -1.65 0.00	68.14 -2.49 0.00	380.16 -14.97 0.00	172.13 -6.88 0.00	220.18 -8.93 0.00	151.45 -6.10 0.00	104.38 -3.76 0.00	60.09 -2.02 0.00	48.41 -1.23 0.00	45.16 -1.11 0.00	37.89 -0.91 0.00
SITHE___OGDNSBRG 24021	29.68 -0.48 0.00	28.51 -0.42 0.00	28.70 -0.18 0.00	28.88 -0.20 0.00	26.25 -0.21 0.00	28.03 -0.22 0.00	31.21 -0.23 0.00	33.12 -0.46 0.00	31.85 -0.83 0.00	31.36 -1.11 0.00	32.45 -1.33 0.00	32.92 -1.38 0.00	41.57 -1.55 0.00	51.96 -1.78 0.00	67.88 -2.75 0.00	378.62 -16.51 0.00	171.51 -7.50 0.00	219.71 -9.40 0.00	151.67 -5.88 0.00	105.42 -2.73 0.00	61.13 -0.99 0.00	49.30 -0.35 0.00	45.80 -0.47 0.00	38.33 -0.47 0.00
SITHE___STERLING 23777	31.14 0.98 0.00	29.81 0.86 -0.01	29.62 0.74 0.00	29.83 0.75 0.00	27.15 0.69 0.00	29.03 0.78 0.00	32.46 0.99 -0.04	34.64 1.06 0.00	33.73 1.05 0.00	33.57 1.11 0.00	35.00 1.23 0.00	35.61 1.32 0.00	44.90 1.79 0.00	56.72 2.28 -0.70	75.62 3.05 -1.94	416.48 18.60 -2.75	189.64 8.28 -2.35	240.16 10.89 -0.16	167.96 8.03 -2.38	116.56 5.81 -2.61	67.66 3.49 -2.06	53.72 2.69 -1.39	49.01 2.31 -0.44	40.50 1.70 0.00
SLEIGHT___34_KV_TB1 80719	29.93 -0.24 0.00	28.71 -0.23 -0.01	28.47 -0.41 0.00	28.69 -0.39 0.00	26.08 -0.38 0.00	27.93 -0.32 0.00	31.20 -0.25 -0.02	33.29 -0.28 0.00	32.53 -0.14 0.00	32.45 -0.02 0.00	34.04 0.27 0.00	34.87 0.57 0.00	44.38 1.26 0.00	55.56 1.38 -0.45	73.15 1.28 -1.24	405.68 8.79 -1.75	183.49 2.98 -1.50	232.59 3.38 -0.10	161.69 2.63 -1.52	111.63 1.82 -1.66	64.53 1.11 -1.31	51.29 0.76 -0.88	47.20 0.65 -0.28	39.17 0.37 0.00
SOUTH CAIRO___GT 23612	32.41 2.24 0.00	31.01 2.08 0.00	30.87 1.99 0.00	31.00 1.92 0.00	28.25 1.80 0.00	30.14 1.89 0.00	33.44 2.01 0.00	35.69 2.12 0.00	34.51 1.84 0.00	34.10 1.63 0.00	35.28 1.51 0.00	35.73 1.43 0.00	44.79 1.67 0.00	56.19 2.45 0.00	74.19 3.56 0.00	415.69 20.55 0.00	188.96 9.95 0.00	243.85 14.74 0.00	169.27 11.72 0.00	116.73 8.58 0.00	83.73 5.09 -16.53	123.61 3.97 -69.99	50.01 3.74 0.00	41.88 3.08 0.00
SOUTH HAMPTN___IC 23720	36.05 3.65 -2.23	38.71 3.41 -6.37	38.89 3.12 -6.89	38.88 3.05 -6.75	38.51 2.79 -9.27	34.50 3.02 -3.22	38.98 3.53 -4.02	38.54 4.04 -0.93	40.12 4.31 -3.14	74.59 4.56 -37.57	91.28 5.05 -52.46	129.20 5.10 -89.80	218.80 6.20 -169.48	323.97 7.47 -262.76	191.69 9.99 -111.07	621.02 56.19 -169.69	293.30 26.30 -87.98	362.65 33.00 -100.53	266.75 20.90 -88.30	226.65 13.52 -104.98	232.68 7.88 -162.70	73.76 5.34 -18.77	71.23 4.72 -20.24	44.18 4.25 -1.13
SOUTHDOW___115KV_TB1 355954	30.74 0.58 0.00	29.47 0.54 0.00	28.96 0.08 0.00	29.36 0.28 0.00	26.57 0.11 0.00	28.57 0.32 0.00	32.34 0.91 0.00	34.59 1.02 0.00	34.07 1.39 0.00	34.06 1.59 0.00	36.03 2.25 0.00	37.05 2.76 0.00	47.52 4.40 0.00	58.39 4.65 0.00	74.75 4.12 0.00	432.20 25.98 -11.08	187.42 8.41 0.00	238.13 8.99 -0.03	164.50 6.20 -0.76	113.37 3.97 -1.25	65.17 3.05 0.00	52.69 3.04 0.00	49.31 3.04 0.00	41.08 2.28 0.00
SOUTHOLD_69_KV_BK 2 55809	36.89 4.50 -2.23	39.48 4.18 -6.37	39.63 3.86 -6.89	39.62 3.80 -6.74	39.18 3.46 -9.27	35.20 3.73 -3.22	39.83 4.38 -4.02	39.49 4.99 -0.93	41.07 5.26 -3.14	75.00 4.96 -37.57	91.78 5.52 -52.49	129.74 5.60 -89.84	219.60 6.91 -169.57	325.00 8.37 -262.90	193.05 11.28 -111.14	629.41 64.46 -169.82	297.24 30.19 -88.04	367.28 37.57 -100.60	269.63 23.71 -88.37	228.21 15.01 -105.06	233.88 8.99 -162.78	74.39 5.97 -18.77	71.66 5.15 -20.24	45.08 5.15 -1.13
SOUTHOLD___IC 23719	36.90 4.50 -2.23	39.49 4.18 -6.37	39.64 3.86 -6.89	39.63 3.80 -6.75	39.18 3.45 -9.27	35.21 3.73 -3.22	39.83 4.38 -4.02	39.49 4.98 -0.93	41.07 5.26 -3.14	75.00 4.96 -37.57	91.78 5.52 -52.49	129.74 5.60 -89.84	219.60 6.91 -169.57	325.01 8.36 -262.90	193.05 11.27 -111.14	629.43 64.49 -169.82	297.22 30.17 -88.04	367.29 37.58 -100.60	269.60 23.68 -88.37	228.21 15.01 -105.06	233.88 8.99 -162.78	74.38 5.97 -18.77	71.67 5.16 -20.24	45.09 5.16 -1.13
SOUTH_FORK_WT_PWR 323839	37.03 4.63 -2.23	39.62 4.32 -6.37	39.77 4.00 -6.89	39.76 3.92 -6.75	39.30 3.58 -9.27	35.35 3.87 -3.22	39.98 4.53 -4.02	39.67 5.16 -0.93	41.29 5.48 -3.14	75.54 5.50 -37.57	92.33 6.08 -52.48	130.25 6.14 -89.82	220.24 7.59 -169.52	325.73 9.16 -262.83	193.98 12.24 -111.10	635.21 70.32 -169.75	299.71 32.69 -88.01	370.03 40.35 -100.57	271.34 25.46 -88.33	229.14 15.98 -105.02	234.70 9.85 -162.74	75.01 6.60 -18.77	72.24 5.73 -20.24	45.23 5.30 -1.13
SPIERFLS_115KV_TB 1 80737	32.11 1.94 0.00	30.62 1.69 0.00	30.42 1.54 0.00	30.59 1.51 0.00	27.90 1.44 0.00	29.86 1.61 0.00	33.17 1.74 0.00	35.39 1.81 0.00	34.36 1.69 0.00	34.32 1.75 -0.10	35.44 1.67 0.00	36.16 1.86 0.00	45.31 2.19 0.00	56.61 2.87 0.00	75.05 4.42 0.00	420.83 25.70 0.00	191.06 12.05 0.00	246.26 17.15 0.00	170.95 13.41 0.00	117.40 9.26 0.00	113.52 5.46 -45.96	247.93 3.66 -194.62	49.55 3.28 0.00	41.48 2.67 0.00
ST LAWRENCE____ 23600	29.37 -0.79 0.00	28.24 -0.70 0.00	28.37 -0.51 0.00	28.58 -0.51 0.00	25.98 -0.48 0.00	27.74 -0.51 0.00	30.85 -0.58 0.00	32.93 -0.64 0.00	31.88 -0.79 0.00	31.45 -1.02 0.00	32.62 -1.15 0.00	33.08 -1.22 0.00	41.73 -1.39 0.00	52.06 -1.68 0.00	68.21 -2.42 0.00	380.91 -14.23 0.00	172.56 -6.45 0.00	220.58 -8.53 0.00	151.56 -5.98 0.00	104.29 -3.86 0.00	59.96 -2.15 0.00	48.21 -1.44 0.00	45.05 -1.22 0.00	37.82 -0.98 0.00
STATE_CA_115KV_115_LB 55624	31.23 1.06 0.00	29.91 0.99 0.00	29.80 0.93 0.00	29.96 0.88 0.00	27.32 0.86 0.00	29.16 0.91 0.00	32.34 0.90 0.00	34.57 0.99 0.00	33.63 0.96 0.00	33.65 1.08 -0.11	34.88 1.11 0.00	35.38 1.08 0.00	44.22 1.10 0.00	55.25 1.51 0.00	72.95 2.32 0.00	407.44 12.31 0.00	185.04 6.03 0.00	237.44 8.33 0.00	163.31 5.76 0.00	112.00 3.86 0.00	94.86 2.14 -30.60	180.98 1.76 -129.57	47.88 1.61 0.00	40.15 1.34 0.00
STATE_ST_34_KV_LOAD 55959	30.41 0.24 0.00	29.26 0.29 -0.03	29.02 0.14 0.00	29.16 0.08 0.00	26.57 0.11 0.00	28.45 0.19 0.00	31.82 0.28 -0.10	33.90 0.32 0.00	33.07 0.40 0.00	32.81 0.35 0.00	34.34 0.57 0.00	35.01 0.72 0.00	44.32 1.20 0.00	57.09 1.39 -1.96	77.48 1.38 -5.47	413.74 10.86 -7.75	190.13 4.51 -6.61	235.41 5.86 -0.44	168.21 3.97 -6.70	118.69 3.20 -7.34	69.90 1.99 -5.79	54.75 1.20 -3.91	48.45 0.96 -1.23	39.43 0.63 0.00

STATION 5_MISC_HYD 23604	29.91 -0.25 0.00	28.70 -0.24 0.00	28.44 -0.44 0.00	28.72 -0.36 0.00	26.07 -0.39 0.00	27.91 -0.34 0.00	31.12 -0.31 0.00	33.20 -0.38 0.00	32.43 -0.24 0.00	32.36 -0.10 0.00	34.02 0.24 0.00	34.90 0.60 0.00	44.55 1.43 0.00	55.12 1.38 0.00	71.75 1.12 0.00	402.86 7.73 0.00	181.04 2.03 0.00	230.80 1.63 -0.06	160.65 1.59 -1.51	111.78 1.12 -2.51	62.91 0.80 0.00	50.32 0.68 0.00	47.03 0.75 0.00	39.31 0.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.25 0.09 0.00	28.99 0.05 -0.01	28.72 -0.15 0.00	28.98 -0.10 0.00	26.32 -0.13 0.00	28.18 -0.07 0.00	31.50 0.04 -0.03	33.63 0.05 0.00	32.90 0.22 0.00	32.83 0.36 0.00	34.44 0.66 0.00	35.29 0.99 0.00	44.95 1.83 0.00	56.25 2.04 -0.48	74.12 2.17 -1.32	411.14 14.13 -1.88	185.76 5.15 -1.60	235.20 5.98 -0.11	163.73 4.56 -1.62	113.11 3.18 -1.78	65.42 1.90 -1.40	51.96 1.37 -0.95	47.82 1.26 -0.30	39.65 0.85 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.78 -0.38 0.00	28.55 -0.38 0.00	28.31 -0.57 0.00	28.58 -0.51 0.00	25.95 -0.51 0.00	27.78 -0.47 0.00	30.98 -0.45 0.00	33.06 -0.51 0.00	32.31 -0.37 0.00	32.25 -0.22 0.00	33.88 0.11 0.00	34.76 0.47 0.00	44.36 1.24 0.00	54.92 1.18 0.00	71.57 0.94 0.00	401.70 6.57 0.00	180.74 1.73 0.00	230.52 1.35 -0.05	160.34 1.35 -1.44	111.37 0.85 -2.38	62.73 0.61 0.00	50.14 0.50 0.00	46.82 0.54 0.00	39.11 0.31 0.00
STA_56___34_KV_BUS2 355983	29.78 -0.38 0.00	28.55 -0.38 0.00	28.31 -0.57 0.00	28.58 -0.51 0.00	25.95 -0.51 0.00	27.78 -0.47 0.00	30.98 -0.45 0.00	33.06 -0.51 0.00	32.31 -0.37 0.00	32.25 -0.22 0.00	33.88 0.11 0.00	34.76 0.47 0.00	44.36 1.24 0.00	54.92 1.18 0.00	71.57 0.94 0.00	401.70 6.57 0.00	180.74 1.73 0.00	230.52 1.35 -0.05	160.34 1.35 -1.44	111.37 0.85 -2.38	62.73 0.61 0.00	50.14 0.50 0.00	46.82 0.54 0.00	39.11 0.31 0.00
STA_67___115KV_BK2 355882	29.84 -0.32 0.00	28.63 -0.30 0.00	28.38 -0.50 0.00	28.66 -0.42 0.00	26.01 -0.45 0.00	27.84 -0.41 0.00	31.05 -0.38 0.00	33.11 -0.46 0.00	32.34 -0.34 0.00	32.26 -0.20 0.00	33.90 0.12 0.00	34.78 0.48 0.00	44.39 1.27 0.00	54.91 1.83 0.00	71.49 0.86 0.00	401.28 6.15 0.00	180.43 1.42 0.00	230.04 0.88 0.00	160.03 1.02 -1.46	111.25 0.69 -2.42	62.67 0.56 0.00	50.16 0.52 0.00	46.88 0.61 0.00	39.20 0.39 0.00
STA_7___115KV_9TRANS 80674	30.09 -0.07 0.00	28.85 -0.08 0.00	28.59 -0.29 0.00	28.86 -0.22 0.00	26.19 -0.26 0.00	28.04 -0.21 0.00	31.28 -0.16 0.00	33.38 -0.20 0.00	32.62 -0.05 0.00	32.57 0.11 0.00	34.26 0.48 0.00	35.16 0.87 0.00	44.91 1.79 0.00	55.57 1.83 0.00	72.33 1.70 0.00	406.05 10.92 0.00	182.67 3.66 0.00	232.94 3.77 -0.06	162.18 3.12 -1.51	112.77 2.12 -2.51	63.49 1.38 0.00	50.76 1.12 0.00	47.40 1.13 0.00	39.60 0.80 0.00
STA_82___115KV_TB1 80780	29.85 -0.31 0.00	28.64 -0.29 0.00	28.40 -0.49 0.00	28.66 -0.42 0.00	26.02 -0.43 0.00	27.86 -0.39 0.00	31.07 -0.37 0.00	33.13 -0.45 0.00	32.35 -0.33 0.00	32.28 -0.18 0.00	33.91 0.14 0.00	34.80 0.50 0.00	44.42 1.30 0.00	54.93 1.19 0.00	71.51 0.88 0.00	401.34 6.21 0.00	180.52 1.51 0.00	230.11 0.94 -0.07	160.40 1.08 -1.77	111.81 0.74 -2.93	62.71 0.60 0.00	50.17 0.53 0.00	46.90 0.63 0.00	39.21 0.41 0.00
STEEL___WIND 323596	29.67 -0.50 0.00	28.49 -0.44 0.00	28.15 -0.74 0.00	28.50 -0.58 0.00	25.81 -0.65 0.00	27.66 -0.59 0.00	30.89 -0.55 0.00	32.83 -0.75 0.00	32.14 -0.53 0.00	32.12 -0.35 0.00	33.85 0.08 0.00	34.81 0.51 0.00	44.71 1.59 0.00	54.91 1.17 0.00	71.14 0.51 0.00	417.86 4.99 -17.73	179.05 0.04 0.00	227.52 -1.64 -0.05	157.74 -1.02 -1.22	109.40 -0.75 -2.01	62.35 0.23 0.00	49.87 0.22 0.00	46.81 0.54 0.00	39.20 0.40 0.00
STEPHTWN_115KV_BK_2 55603	31.40 1.23 0.00	30.03 1.10 0.00	29.90 1.02 0.00	30.04 0.95 0.00	27.39 0.93 0.00	29.22 0.97 0.00	32.55 1.12 0.00	34.77 1.19 0.00	33.79 1.12 0.00	33.80 1.22 -0.11	34.97 1.20 0.00	35.46 1.16 0.00	44.33 1.21 0.00	55.37 1.63 0.00	73.09 2.46 0.00	407.83 12.70 0.00	185.37 6.37 0.00	238.20 9.09 0.00	163.97 6.43 0.00	112.39 4.25 0.00	88.84 2.34 -24.39	154.83 1.90 -103.29	47.97 1.70 0.00	40.21 1.41 0.00
STEUBEN_REC_LFGE 323667	30.70 0.54 0.00	29.43 0.49 -0.01	29.00 0.12 0.00	29.37 0.29 0.00	26.55 0.09 0.00	28.51 0.25 0.00	32.00 0.54 -0.03	34.03 0.46 0.00	33.34 0.67 0.00	33.24 0.78 0.00	34.85 1.07 0.00	35.62 1.33 0.00	45.54 2.42 0.00	56.64 2.26 -0.63	74.67 2.27 -1.77	414.53 16.89 -2.51	186.31 5.16 -2.14	235.17 5.92 -0.14	164.45 4.74 -2.17	113.92 3.40 -2.38	67.52 2.44 -2.97	57.27 1.73 -5.90	48.34 1.67 -0.40	39.85 1.05 0.00
STILLWATER___SOLAR 323814	32.03 1.86 0.00	30.63 1.70 0.00	30.47 1.60 0.00	30.64 1.56 0.00	27.92 1.47 0.00	29.86 1.61 0.00	33.14 1.71 0.00	35.35 1.78 0.00	34.32 1.65 0.00	34.27 1.69 -0.11	35.48 1.71 0.00	36.12 1.82 0.00	45.22 2.10 0.00	56.56 2.82 0.00	74.81 4.18 0.00	418.71 23.58 0.00	189.89 10.88 0.00	244.56 15.45 0.00	169.01 11.47 0.00	116.12 7.97 0.00	111.00 4.64 -44.25	240.40 3.36 -187.40	49.28 3.02 0.00	41.28 2.47 0.00
STONY___BROOK 24151	35.41 3.01 -2.23	38.16 2.86 -6.37	38.38 2.60 -6.89	38.37 2.54 -6.75	38.05 2.33 -9.27	34.00 2.52 -3.22	38.37 2.92 -4.02	37.84 3.33 -0.93	39.34 3.53 -3.14	73.84 3.80 -37.57	102.68 4.16 -64.74	150.64 4.05 -112.30	262.80 4.73 -214.94	392.38 5.71 -332.93	220.93 7.81 -142.48	657.84 42.52 -220.19	294.44 19.96 -95.47	359.21 24.84 -105.26	281.77 15.72 -108.50	258.91 10.33 -140.44	275.33 5.78 -207.44	72.71 3.86 -19.21	70.18 3.62 -20.29	43.30 3.37 -1.13
STURGEON_POOL_HYD 23609	32.17 2.01 0.00	30.76 1.82 0.00	30.46 1.58 0.00	30.59 1.52 0.00	27.85 1.39 0.00	29.76 1.51 0.00	33.23 1.80 0.00	35.73 2.15 0.00	35.08 2.41 0.00	35.15 2.68 0.00	36.77 3.00 0.00	37.30 3.01 0.00	46.67 3.56 0.00	58.13 4.40 0.00	76.76 6.12 0.00	430.48 35.35 0.00	195.85 16.84 0.00	250.01 20.90 0.00	171.01 13.46 0.00	116.83 8.68 0.00	73.68 4.65 -6.91	82.12 3.20 -29.28	49.20 2.93 0.00	41.24 2.44 0.00
ST_LAW_115_BK7_LBMP 345037	29.30 -0.87 0.00	28.17 -0.76 0.00	28.32 -0.56 0.00	28.52 -0.56 0.00	25.93 -0.53 0.00	27.69 -0.56 0.00	30.79 -0.64 0.00	32.86 -0.71 0.00	31.80 -0.88 0.00	31.36 -1.11 0.00	32.52 -1.25 0.00	32.98 -1.32 0.00	41.60 -1.52 0.00	51.93 -1.81 0.00	67.98 -2.65 0.00	379.71 -15.43 0.00	171.98 -7.03 0.00	219.78 -9.33 0.00	151.05 -6.50 0.00	103.95 -4.20 0.00	59.77 -2.35 0.00	48.09 -1.55 0.00	44.92 -1.35 0.00	37.73 -1.08 0.00
ST_LAW_115_BK8_LBMP 345038	29.30 -0.87 0.00	28.17 -0.76 0.00	28.32 -0.56 0.00	28.52 -0.56 0.00	25.93 -0.53 0.00	27.69 -0.56 0.00	30.79 -0.64 0.00	32.86 -0.71 0.00	31.80 -0.88 0.00	31.36 -1.11 0.00	32.52 -1.25 0.00	32.98 -1.32 0.00	41.60 -1.52 0.00	51.93 -1.81 0.00	67.98 -2.65 0.00	379.71 -15.43 0.00	171.98 -7.03 0.00	219.78 -9.33 0.00	151.05 -6.50 0.00	103.95 -4.20 0.00	59.77 -2.35 0.00	48.09 -1.55 0.00	44.92 -1.35 0.00	37.73 -1.08 0.00

ST_LAW_230_BK5_LBMP 345035	29.37 -0.79 0.00	28.24 -0.70 0.00	28.37 -0.51 0.00	28.58 -0.51 0.00	25.98 -0.48 0.00	27.74 -0.51 0.00	30.85 -0.58 0.00	32.93 -0.64 0.00	31.88 -0.79 0.00	31.45 -1.02 0.00	32.62 -1.15 0.00	33.08 -1.22 0.00	41.73 -1.39 0.00	52.06 -1.68 0.00	68.21 -2.42 0.00	380.91 -14.23 0.00	172.56 -6.45 0.00	220.58 -8.53 0.00	151.56 -5.98 0.00	104.29 -3.86 0.00	59.96 -2.15 0.00	48.21 -1.44 0.00	45.05 -1.22 0.00	37.82 -0.98 0.00
ST_LAW_230_BK6_LBMP 345036	29.37 -0.79 0.00	28.24 -0.70 0.00	28.37 -0.51 0.00	28.58 -0.51 0.00	25.98 -0.48 0.00	27.74 -0.51 0.00	30.85 -0.58 0.00	32.93 -0.64 0.00	31.88 -0.79 0.00	31.45 -1.02 0.00	32.62 -1.15 0.00	33.08 -1.22 0.00	41.73 -1.39 0.00	52.06 -1.68 0.00	68.21 -2.42 0.00	380.91 -14.23 0.00	172.56 -6.45 0.00	220.58 -8.53 0.00	151.56 -5.98 0.00	104.29 -3.86 0.00	59.96 -2.15 0.00	48.21 -1.44 0.00	45.05 -1.22 0.00	37.82 -0.98 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.99 1.83 0.00	30.61 1.68 0.00	30.32 1.44 0.00	30.47 1.38 0.00	27.74 1.28 0.00	29.66 1.41 0.00	33.06 1.63 0.00	35.51 1.93 0.00	34.77 2.09 0.00	34.10 2.32 0.69	36.35 2.58 0.00	36.81 2.52 0.00	46.01 2.89 0.00	57.36 3.62 0.00	75.72 5.09 0.00	424.83 29.70 0.00	193.32 14.31 0.00	246.78 17.67 0.00	168.87 11.32 0.00	115.47 7.33 0.00	69.77 3.95 -3.70	68.10 2.78 -15.68	48.77 2.50 0.00	40.97 2.17 0.00
SWANROAD_115KV_TB1 355699	28.84 -1.33 0.00	27.75 -1.18 0.00	27.46 -1.42 0.00	27.82 -1.26 0.00	25.19 -1.26 0.00	26.98 -1.28 0.00	30.01 -1.42 0.00	31.76 -1.81 0.00	30.99 -1.69 0.00	30.87 -1.60 0.00	32.54 -1.24 0.00	33.48 -0.82 0.00	43.05 -0.07 0.00	52.80 -0.94 0.00	68.16 -2.47 0.00	394.01 -13.08 -11.96	171.19 -7.82 0.00	217.52 -11.92 -0.33	158.22 -7.91 -8.59	116.99 -5.36 -14.20	59.74 -2.38 0.00	48.05 -1.60 0.00	45.20 -1.07 0.00	37.98 -0.83 0.00
SYNERGY___BIOGAS 323694	30.24 0.08 0.00	29.00 0.07 0.00	28.69 -0.19 0.00	29.01 -0.07 0.00	26.29 -0.17 0.00	28.18 -0.07 0.00	31.47 0.04 0.00	33.44 -0.14 0.00	32.62 -0.06 0.00	32.47 0.00 0.00	34.20 0.42 0.00	35.18 0.88 0.00	45.16 2.04 0.00	55.67 1.93 0.00	72.31 1.68 0.00	422.59 10.86 -16.59	181.98 2.97 0.00	232.43 2.80 -0.51	173.93 2.91 -13.48	132.85 2.41 -22.29	64.07 1.95 -0.01	51.25 1.61 0.00	47.94 1.67 0.00	40.04 1.23 0.00
SYRACUSE___ENERGY_ST1 323597	30.16 -0.01 0.00	28.96 -0.01 -0.04	28.74 -0.14 0.00	28.93 -0.16 0.00	26.31 -0.15 0.00	28.12 -0.13 0.00	31.48 -0.07 -0.12	33.51 -0.07 0.00	32.67 -0.01 0.00	32.52 0.06 0.00	33.89 0.11 0.00	34.50 0.20 0.00	43.57 0.45 0.00	56.51 0.48 -2.28	77.50 0.51 -6.36	408.85 4.71 -9.01	188.32 1.63 -7.69	231.77 2.15 -0.51	166.97 1.63 -7.79	117.71 1.02 -8.54	69.43 0.58 -6.73	54.51 0.32 -4.55	47.93 0.24 -1.42	38.97 0.17 0.00
SYRACUSE___ENERGY_ST2 323598	30.16 -0.01 0.00	28.96 -0.01 -0.04	28.74 -0.14 0.00	28.93 -0.16 0.00	26.31 -0.15 0.00	28.12 -0.13 0.00	31.48 -0.07 -0.12	33.51 -0.07 0.00	32.67 -0.01 0.00	32.52 0.06 0.00	33.89 0.11 0.00	34.50 0.20 0.00	43.57 0.45 0.00	56.51 0.48 -2.28	77.50 0.51 -6.36	408.85 4.71 -9.01	188.32 1.63 -7.69	231.77 2.15 -0.51	166.97 1.63 -7.79	117.71 1.02 -8.54	69.43 0.58 -6.73	54.51 0.32 -4.55	47.93 0.24 -1.42	38.97 0.17 0.00
SYRACUSE___POWER 24017	30.13 -0.04 0.00	28.89 -0.07 -0.03	28.68 -0.20 0.00	28.89 -0.19 0.00	26.26 -0.20 0.00	28.07 -0.19 0.00	31.39 -0.12 -0.08	33.46 -0.11 0.00	32.66 -0.02 0.00	32.56 0.09 0.00	33.97 0.19 0.00	34.61 0.31 0.00	43.72 0.60 0.00	55.97 0.68 -1.56	75.79 0.83 -4.33	407.57 6.29 -6.14	186.51 2.26 -5.24	232.34 2.88 -0.35	165.03 2.18 -5.31	115.26 1.29 -5.82	67.41 0.71 -4.59	53.16 0.42 -3.10	47.54 0.30 -0.97	38.95 0.15 0.00
TALLMAN___138KV_BK151 55660	32.18 2.02 0.00	30.80 1.86 0.00	30.46 1.58 0.00	30.61 1.54 0.00	27.88 1.42 0.00	29.81 1.56 0.00	33.24 1.81 0.00	35.73 2.15 0.00	35.03 2.36 0.00	34.14 2.61 0.94	36.67 2.90 0.00	37.13 2.83 0.00	46.35 3.24 0.00	57.80 4.06 0.00	76.33 5.70 0.00	428.81 33.67 0.00	195.29 16.28 0.00	248.79 19.68 0.00	169.98 12.43 0.00	116.10 7.95 0.00	70.22 4.27 -3.84	68.88 2.99 -16.24	48.96 2.69 0.00	41.18 2.38 0.00
TEALLAVE_115KV_TB7 355573	30.03 -0.13 0.00	28.79 -0.17 -0.02	28.59 -0.29 0.00	28.80 -0.28 0.00	26.20 -0.26 0.00	27.99 -0.26 0.00	31.29 -0.21 -0.07	33.38 -0.20 0.00	32.58 -0.10 0.00	32.49 0.02 0.00	33.90 0.13 0.00	34.54 0.25 0.00	43.62 0.50 0.00	55.55 0.55 -1.26	74.81 0.67 -3.51	405.24 5.14 -4.97	185.04 1.79 -4.24	231.60 2.21 -0.28	163.55 1.71 -4.30	113.82 0.96 -4.71	66.36 0.54 -3.71	52.43 0.29 -2.51	47.23 0.17 -0.78	38.83 0.03 0.00
TELGRAPH_34_KV_EAST 80808	29.58 -0.58 0.00	28.43 -0.51 0.00	28.12 -0.77 0.00	28.45 -0.62 0.00	25.78 -0.68 0.00	27.62 -0.63 0.00	30.78 -0.65 0.00	32.62 -0.96 0.00	31.82 -0.85 0.00	31.68 -0.79 0.00	33.38 -0.39 0.00	34.36 0.07 0.00	44.15 1.03 0.00	54.27 0.53 0.00	70.27 -0.36 0.00	415.38 -0.90 -21.14	176.64 -2.37 0.00	225.29 -4.46 -0.65	171.94 -2.55 -16.94	134.53 -1.65 -28.03	61.83 -0.29 -0.01	49.59 -0.06 0.00	46.52 0.24 0.00	38.97 0.17 0.00
TEMPLE___115KV_TB 2 55572	30.05 -0.11 0.00	28.80 -0.15 -0.02	28.60 -0.28 0.00	28.82 -0.26 0.00	26.21 -0.25 0.00	28.01 -0.24 0.00	31.31 -0.19 -0.07	33.40 -0.18 0.00	32.60 -0.08 0.00	32.51 0.05 0.00	33.92 0.15 0.00	34.57 0.27 0.00	43.66 0.54 0.00	55.59 0.59 -1.26	74.87 0.73 -3.51	405.63 5.52 -4.97	185.18 1.93 -4.24	231.81 2.42 -0.28	163.67 1.82 -4.30	113.89 1.03 -4.72	66.40 0.57 -3.72	52.46 0.31 -2.51	47.26 0.20 -0.79	38.85 0.05 0.00
TIANA___69_KV_BK 1 55817	35.87 3.48 -2.23	38.56 3.26 -6.37	38.74 2.97 -6.89	38.73 2.90 -6.74	38.37 2.64 -9.27	34.35 2.88 -3.22	38.81 3.36 -4.02	38.35 3.84 -0.93	39.92 4.11 -3.14	74.39 4.36 -37.57	91.08 4.82 -52.48	129.02 4.89 -89.83	218.59 5.92 -169.55	323.72 7.11 -262.87	191.29 9.54 -111.13	618.43 53.51 -169.79	292.22 25.18 -88.03	361.31 31.62 -100.59	266.03 20.13 -88.35	226.29 13.10 -105.05	232.42 7.54 -162.77	73.51 5.09 -18.77	71.02 4.51 -20.24	43.99 4.06 -1.13
TILDEN___115KV_TB1 80814	30.13 -0.04 0.00	28.89 -0.07 -0.03	28.68 -0.20 0.00	28.89 -0.19 0.00	26.26 -0.20 0.00	28.07 -0.19 0.00	31.39 -0.12 -0.08	33.46 -0.11 0.00	32.66 -0.02 0.00	32.56 0.09 0.00	33.97 0.19 0.00	34.61 0.31 0.00	43.72 0.60 0.00	55.97 0.68 -1.56	75.79 0.83 -4.33	407.57 6.29 -6.14	186.51 2.26 -5.24	232.34 2.88 -0.35	165.03 2.18 -5.31	115.26 1.29 -5.82	67.41 0.71 -4.59	53.16 0.42 -3.10	47.54 0.30 -0.97	38.95 0.15 0.00
TRIGEN___CC 323695	28.61 2.72 4.27	37.83 2.53 -6.37	38.01 2.24 -6.89	38.01 2.19 -6.74	37.74 2.02 -9.27	33.69 2.22 -3.22	38.02 2.57 -4.02	37.48 2.97 -0.93	27.21 3.16 8.62	73.47 3.43 -37.57	46.11 3.74 -8.60	48.97 3.69 -10.99	53.12 4.25 -5.74	71.81 5.14 -12.93	85.68 7.07 -7.98	508.96 39.99 -73.83	518.39 19.01 -320.37	664.39 23.58 -411.71	269.62 14.92 -97.16	121.93 9.64 -4.15	72.48 5.27 -5.10	70.49 3.63 -17.21	77.30 3.38 -27.65	43.02 3.08 -1.13

TRINITY__115KV__4 BK 55933	31.08 0.91 0.00	29.77 0.84 0.00	29.67 0.79 0.00	29.82 0.74 0.00	27.20 0.74 0.00	29.03 0.78 0.00	32.18 0.74 0.00	34.39 0.81 0.00	33.44 0.76 0.00	33.45 0.87 -0.11	34.65 0.87 0.00	35.13 0.84 0.00	43.86 0.74 0.00	54.82 1.08 0.00	72.35 1.72 0.00	404.23 9.09 0.00	183.41 4.40 0.00	235.41 6.29 0.00	161.94 4.39 0.00	111.07 2.92 0.00	89.08 1.63 -25.33	158.31 1.38 -107.29	47.56 1.29 0.00	39.89 1.09 0.00
UNION__PROCESSING_DRP 323587	29.86 -0.31 0.00	28.64 -0.29 0.00	28.40 -0.48 0.00	28.68 -0.41 0.00	26.03 -0.43 0.00	27.87 -0.38 0.00	31.08 -0.35 0.00	33.14 -0.44 0.00	32.37 -0.31 0.00	32.29 -0.17 0.00	33.93 0.15 0.00	34.81 0.51 0.00	44.42 1.31 0.00	54.96 1.22 0.00	71.55 0.92 0.00	401.68 6.54 0.00	180.58 1.57 0.00	230.23 1.05 -0.07	160.64 1.18 -1.91	112.11 0.80 -3.16	62.74 0.62 0.00	50.21 0.57 0.00	46.92 0.65 0.00	39.22 0.42 0.00
UPPER HUDSON__HYD 24058	32.11 1.95 0.00	30.62 1.69 0.00	30.42 1.54 0.00	30.59 1.51 0.00	27.90 1.44 0.00	29.86 1.61 0.00	33.17 1.74 0.00	35.39 1.81 0.00	34.36 1.69 0.00	34.32 1.75 -0.10	35.44 1.67 0.00	36.16 1.86 0.00	45.31 2.19 0.00	56.60 2.87 0.00	75.05 4.42 0.00	420.83 25.70 0.00	191.06 12.05 0.00	246.26 17.15 0.00	170.93 13.39 0.00	117.40 9.25 0.00	113.52 5.45 -45.96	247.93 3.66 -194.62	49.55 3.28 0.00	41.48 2.67 0.00
UPPER RAQUET__HYD 24056	29.05 -1.11 0.00	27.91 -1.03 -0.01	28.07 -0.81 0.00	28.24 -0.84 0.00	25.67 -0.79 0.00	27.41 -0.84 0.00	30.50 -0.96 -0.02	32.48 -1.10 0.00	31.35 -1.33 0.00	30.94 -1.53 0.00	32.04 -1.73 0.00	32.49 -1.81 0.00	41.00 -2.11 0.00	51.47 -2.70 -0.43	67.92 -3.91 -1.19	373.15 -23.67 -1.69	169.74 -10.72 -1.44	215.93 -13.28 -0.10	150.66 -8.34 -1.46	105.25 -4.50 -1.60	61.10 -2.28 -1.26	49.06 -1.44 -0.85	44.92 -1.62 -0.27	37.39 -1.41 0.00
VALLEY44_115KV_TB2 355964	29.84 -0.32 0.00	28.64 -0.29 0.00	28.20 -0.68 0.00	28.57 -0.52 0.00	25.92 -0.54 0.00	27.82 -0.44 0.00	31.16 -0.27 0.00	33.30 -0.28 0.00	32.70 0.02 0.00	32.56 0.09 0.00	34.12 0.35 0.00	34.87 0.58 0.00	44.45 1.33 0.00	54.66 0.92 0.00	70.96 0.33 0.00	408.09 1.93 -11.02	178.47 -0.55 0.00	226.48 -2.66 -0.03	156.40 -1.90 -0.76	107.91 -1.48 -1.25	62.09 -0.03 0.00	49.39 -0.25 0.00	46.47 0.20 0.00	39.06 0.25 0.00
VALLEY__115KV_TB 1-4 80826	31.04 0.87 0.00	29.70 0.76 0.00	29.54 0.66 0.00	29.70 0.61 0.00	27.06 0.61 0.00	28.89 0.64 0.00	32.06 0.63 0.00	34.16 0.58 0.00	33.18 0.50 0.00	33.05 0.59 0.00	34.39 0.62 0.00	34.95 0.66 0.00	43.88 0.77 0.00	54.74 1.00 0.00	72.38 1.75 0.00	405.66 10.53 0.00	183.77 4.76 0.00	236.15 7.04 0.00	163.14 5.60 0.00	112.28 4.13 0.00	64.63 2.51 0.00	52.20 2.55 0.00	48.65 2.38 0.00	40.68 1.87 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.91 1.75 0.00	30.64 1.70 -0.01	30.57 1.69 0.00	30.81 1.72 0.00	28.03 1.57 0.00	29.95 1.69 0.00	33.34 1.89 -0.02	35.49 1.91 0.00	34.64 1.97 0.00	34.54 2.08 0.00	36.04 2.27 0.00	36.40 2.10 0.00	45.78 2.66 0.00	57.32 3.17 -0.40	75.95 4.20 -1.12	420.98 24.26 -1.59	191.35 10.98 -1.36	243.37 14.17 -0.09	168.77 9.85 -1.38	116.24 6.59 -1.51	72.88 3.66 -7.11	78.11 2.59 -25.88	48.92 2.40 -0.25	40.72 1.92 0.00
VISCHER__FERRY HYD 24020	31.62 1.46 0.00	30.29 1.36 0.00	30.16 1.28 0.00	30.31 1.23 0.00	27.64 1.18 0.00	29.54 1.29 0.00	32.72 1.29 0.00	34.94 1.36 0.00	33.93 1.25 0.00	33.92 1.34 -0.11	35.16 1.38 0.00	35.72 1.42 0.00	44.62 1.50 0.00	55.85 2.11 0.00	73.78 3.15 0.00	412.39 17.26 0.00	186.84 7.84 0.00	240.36 11.25 0.00	165.58 8.04 0.00	113.66 5.51 0.00	103.44 3.19 -38.13	213.56 2.41 -161.50	48.45 2.18 0.00	40.61 1.80 0.00
V_A_10_SYNC_DSASP 323832	29.20 -0.96 0.00	28.08 -0.85 0.00	27.81 -1.07 0.00	28.14 -0.94 0.00	25.52 -0.94 0.00	27.32 -0.93 0.00	30.45 -0.99 0.00	32.36 -1.22 0.00	31.60 -1.07 0.00	31.52 -0.94 0.00	33.16 -0.61 0.00	34.03 -0.27 0.00	43.58 0.46 0.00	53.64 -0.10 0.00	69.50 -1.13 0.00	383.67 -5.25 6.21	174.56 -4.45 0.00	221.69 -7.30 0.11	150.05 -4.60 2.89	100.24 -3.12 4.78	60.66 -1.45 0.00	48.73 -0.91 0.00	45.78 -0.49 0.00	38.41 -0.40 0.00
V_CMM_10_SYNC_DSASP 323787	29.44 -0.72 0.00	28.30 -0.63 0.00	28.45 -0.43 0.00	28.65 -0.44 0.00	26.05 -0.41 0.00	27.82 -0.44 0.00	30.94 -0.49 0.00	33.02 -0.56 0.00	31.88 -0.79 0.00	31.45 -1.02 0.00	32.68 -1.10 0.00	33.15 -1.15 0.00	41.83 -1.29 0.00	52.21 -1.53 0.00	68.34 -2.29 0.00	381.69 -13.45 0.00	172.64 -6.37 0.00	220.05 -9.06 0.00	151.22 -6.32 0.00	104.07 -4.08 0.00	59.85 -2.26 0.00	48.14 -1.51 0.00	45.14 -1.14 0.00	37.92 -0.89 0.00
V_CMP_10_SYNC_DSASP 323788	30.10 -0.06 0.00	28.96 0.03 0.00	29.15 0.27 0.00	29.40 0.31 0.00	26.77 0.31 0.00	28.53 0.28 0.00	31.74 0.31 0.00	33.86 0.28 0.00	32.76 0.08 0.00	32.46 0.00 0.00	33.60 -0.17 0.00	33.61 -0.69 0.00	42.17 -0.95 0.00	52.12 -1.62 0.00	68.22 -2.41 0.00	378.77 -16.36 0.00	170.97 -8.04 0.00	220.40 -8.71 0.00	151.68 -5.87 0.00	104.41 -3.74 0.00	60.12 -1.99 0.00	48.87 -0.77 0.00	46.32 0.05 0.00	38.91 0.11 0.00
V_D_10_SYNC_DSASP 323841	29.43 -0.74 0.00	28.29 -0.64 0.00	28.44 -0.44 0.00	28.65 -0.44 0.00	26.04 -0.42 0.00	27.80 -0.45 0.00	30.92 -0.51 0.00	32.98 -0.60 0.00	31.88 -0.80 0.00	31.46 -1.01 0.00	32.62 -1.16 0.00	33.08 -1.22 0.00	41.76 -1.36 0.00	52.11 -1.63 0.00	68.19 -2.44 0.00	380.54 -14.60 0.00	172.19 -6.82 0.00	220.34 -8.78 0.00	151.55 -5.99 0.00	104.47 -3.68 0.00	60.11 -2.00 0.00	48.45 -1.20 0.00	45.17 -1.10 0.00	37.91 -0.89 0.00
V_E_10_SYNC_DSASP 323830	32.54 2.38 0.00	31.16 2.22 -0.02	30.91 2.03 0.00	31.19 2.11 0.00	28.36 1.90 0.00	30.37 2.11 0.00	34.05 2.56 -0.05	36.37 2.79 0.00	35.35 2.68 0.00	35.06 2.60 0.00	36.54 2.77 0.00	37.15 2.85 0.00	47.34 4.22 0.00	59.72 5.04 -0.94	79.94 6.70 -2.61	440.10 41.27 -3.70	200.78 18.62 -3.15	254.90 25.58 -0.21	179.61 18.87 -3.19	124.65 12.99 -3.50	75.28 7.72 -5.45	68.63 5.75 -13.23	51.89 5.04 -0.58	42.57 3.77 0.00
V_F_30_NSYNC__DSASP 323816	32.06 1.89 0.00	30.67 1.74 0.00	30.51 1.63 0.00	30.67 1.59 0.00	27.95 1.49 0.00	29.88 1.63 0.00	33.17 1.74 0.00	35.39 1.81 0.00	34.39 1.72 0.00	34.35 1.78 -0.10	35.58 1.80 0.00	36.23 1.93 0.00	45.38 2.26 0.00	56.75 3.00 0.00	75.05 4.42 0.00	419.92 24.78 0.00	190.43 11.42 0.00	245.08 15.97 0.00	169.33 11.79 0.00	116.29 8.14 0.00	111.85 4.72 -45.01	243.72 3.44 -190.63	49.36 3.08 0.00	41.32 2.51 0.00
V_F_30_SYNC_DSASP 323786	31.23 1.06 0.00	29.91 0.99 0.00	29.80 0.92 0.00	29.96 0.88 0.00	27.32 0.86 0.00	29.16 0.91 0.00	32.33 0.90 0.00	34.56 0.99 0.00	33.63 0.95 0.00	33.65 1.07 -0.11	34.88 1.10 0.00	35.38 1.08 0.00	44.20 1.08 0.00	55.25 1.51 0.00	72.91 2.28 0.00	407.44 12.30 0.00	185.03 6.02 0.00	237.43 8.31 0.00	163.28 5.74 0.00	111.99 3.84 0.00	94.41 2.13 -30.17	179.16 1.76 -127.76	47.88 1.61 0.00	40.15 1.34 0.00

V_XM10_SYNC_DSASP 323789	30.10 -0.06 0.00	28.96 0.03 0.00	29.15 0.27 0.00	29.40 0.31 0.00	26.77 0.31 0.00	28.53 0.28 0.00	31.74 0.31 0.00	33.86 0.28 0.00	32.76 0.08 0.00	32.46 0.00 0.00	33.60 -0.17 0.00	33.61 -0.69 0.00	42.17 -0.95 0.00	52.12 -1.62 0.00	68.22 -2.41 0.00	378.77 -16.36 0.00	170.97 -8.04 0.00	220.40 -8.71 0.00	151.68 -5.87 0.00	104.41 -3.74 0.00	60.12 -1.99 0.00	48.87 -0.77 0.00	46.32 0.05 0.00	38.91 0.11 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.31 2.15 0.00	30.92 1.99 0.00	30.60 1.72 0.00	30.75 1.67 0.00	27.99 1.54 0.00	29.93 1.67 0.00	33.37 1.94 0.00	35.89 2.31 0.00	35.17 2.50 0.00	34.21 2.75 1.01	36.81 3.04 0.00	37.27 2.98 0.00	46.56 3.44 0.00	58.06 4.32 0.00	76.68 6.05 0.00	431.14 36.01 0.00	196.47 17.46 0.00	250.20 21.09 0.00	170.88 13.34 0.00	116.70 8.56 0.00	70.58 4.60 -3.87	69.27 3.25 -16.37	49.20 2.93 0.00	41.43 2.63 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.65 2.48 0.00	31.19 2.26 0.00	30.84 1.96 0.00	30.98 1.90 0.00	28.22 1.76 0.00	30.20 1.94 0.00	33.75 2.32 0.00	36.33 2.75 0.00	35.65 2.97 0.00	36.40 3.26 -0.68	37.35 3.57 0.00	37.80 3.51 0.00	47.05 3.93 0.00	58.51 4.77 0.00	77.32 6.69 0.00	432.92 37.78 0.00	196.75 17.74 0.00	250.43 21.32 0.00	171.00 13.45 0.00	116.91 8.76 0.00	70.85 4.67 -4.07	70.12 3.25 -17.22	49.26 2.99 0.00	41.53 2.72 0.00
W50THST__13_KV_LOAD 356117	32.86 2.70 0.00	31.40 2.47 0.00	31.05 2.17 0.00	31.20 2.11 0.00	28.41 1.95 0.00	30.42 2.17 0.00	34.03 2.60 0.00	36.68 3.10 0.00	36.03 3.35 0.00	36.81 3.66 -0.68	37.78 4.00 0.00	38.24 3.94 0.00	47.55 4.43 0.00	59.06 5.32 0.00	78.04 7.41 0.00	437.14 42.00 0.00	198.50 19.49 0.00	252.61 23.49 0.00	172.41 14.87 0.00	117.80 9.66 0.00	71.33 5.15 -4.07	70.47 3.61 -17.22	49.56 3.29 0.00	41.76 2.96 0.00
WADING RIVER_IC_1 23522	35.34 2.94 -2.23	38.06 2.76 -6.37	38.26 2.48 -6.89	38.25 2.41 -6.75	37.95 2.22 -9.27	33.88 2.41 -3.22	38.27 2.81 -4.02	37.75 3.24 -0.93	39.28 3.47 -3.14	73.74 3.71 -37.57	90.21 4.09 -52.35	127.99 4.10 -89.59	217.05 4.87 -169.06	321.63 5.78 -262.11	189.13 7.76 -110.74	607.14 42.92 -169.09	287.09 20.41 -87.67	354.92 25.62 -100.19	261.67 16.18 -87.95	223.44 10.73 -104.57	230.58 6.19 -162.28	72.51 4.10 -18.77	70.16 3.65 -20.24	43.29 3.35 -1.13
WADING RIVER_IC_2 23547	35.34 2.94 -2.23	38.06 2.76 -6.37	38.26 2.48 -6.89	38.25 2.41 -6.75	37.95 2.22 -9.27	33.88 2.41 -3.22	38.27 2.81 -4.02	37.75 3.24 -0.93	39.28 3.47 -3.14	73.74 3.71 -37.57	90.21 4.09 -52.35	127.99 4.10 -89.59	217.05 4.87 -169.06	321.63 5.78 -262.11	189.13 7.76 -110.74	607.14 42.92 -169.09	287.09 20.41 -87.67	354.92 25.62 -100.19	261.67 16.18 -87.95	223.44 10.73 -104.57	230.58 6.19 -162.28	72.51 4.10 -18.77	70.16 3.65 -20.24	43.29 3.35 -1.13
WADING RIVER_IC_3 23601	35.34 2.94 -2.23	38.06 2.76 -6.37	38.26 2.48 -6.89	38.25 2.41 -6.75	37.95 2.22 -9.27	33.88 2.41 -3.22	38.27 2.81 -4.02	37.75 3.24 -0.93	39.28 3.47 -3.14	73.74 3.71 -37.57	90.21 4.09 -52.35	127.99 4.10 -89.59	217.05 4.87 -169.06	321.63 5.78 -262.11	189.13 7.76 -110.74	607.14 42.92 -169.09	287.09 20.41 -87.67	354.92 25.62 -100.19	261.67 16.18 -87.95	223.44 10.73 -104.57	230.58 6.19 -162.28	72.51 4.10 -18.77	70.16 3.65 -20.24	43.29 3.35 -1.13
WALDENNY_12_KV_BK2 80841	29.70 -0.46 0.00	28.53 -0.40 0.00	28.17 -0.71 0.00	28.53 -0.55 0.00	25.83 -0.62 0.00	27.68 -0.57 0.00	30.90 -0.53 0.00	32.84 -0.74 0.00	32.17 -0.50 0.00	32.14 -0.33 0.00	33.92 0.14 0.00	34.89 0.59 0.00	44.83 1.71 0.00	55.05 1.32 0.00	71.33 0.70 0.00	417.90 6.16 -16.61	179.65 0.64 0.00	228.15 -1.06 -0.10	159.54 -0.59 -2.58	111.85 -0.56 -4.26	62.47 0.35 -0.01	49.98 0.33 0.00	46.88 0.61 0.00	39.25 0.45 0.00
WALDEN__HYDRO 24148	32.22 2.06 0.00	30.81 1.88 0.00	30.52 1.64 0.00	30.66 1.58 0.00	27.91 1.45 0.00	29.84 1.59 0.00	33.28 1.85 0.00	35.75 2.17 0.00	34.99 2.32 0.00	34.81 2.54 0.20	36.59 2.81 0.00	37.06 2.76 0.00	46.34 3.22 0.00	57.77 4.03 0.00	76.28 5.64 0.00	428.00 32.86 0.00	194.79 15.78 0.00	248.84 19.73 0.00	170.39 12.85 0.00	116.56 8.42 0.00	70.77 4.57 -4.09	70.20 3.24 -17.32	49.19 2.92 0.00	41.29 2.49 0.00
WARRENSBURG____ 23737	32.11 1.95 0.00	30.62 1.69 0.00	30.42 1.54 0.00	30.59 1.51 0.00	27.90 1.44 0.00	29.86 1.61 0.00	33.17 1.74 0.00	35.39 1.81 0.00	34.36 1.69 0.00	34.32 1.75 -0.10	35.44 1.67 0.00	36.16 1.86 0.00	45.31 2.19 0.00	56.60 2.87 0.00	75.05 4.42 0.00	420.83 25.70 0.00	191.06 12.05 0.00	246.26 17.15 0.00	170.93 13.39 0.00	117.40 9.25 0.00	113.52 5.45 -45.96	247.93 3.66 -194.62	49.55 3.28 0.00	41.48 2.67 0.00
WATERSIDE____6 8 9 23538	32.68 2.52 0.00	31.21 2.28 0.00	30.87 1.99 0.00	31.00 1.92 0.00	28.25 1.79 0.00	30.22 1.97 0.00	33.79 2.36 0.00	36.34 2.76 0.00	35.69 3.01 0.00	37.09 3.29 -1.34	37.38 3.59 -0.02	37.74 3.44 0.00	46.98 3.86 0.00	58.46 4.72 0.00	77.26 6.63 0.00	431.86 36.73 0.00	196.43 17.42 0.00	249.78 20.66 0.00	170.42 12.88 0.00	116.61 8.49 0.02	70.70 4.59 -4.00	65.62 3.15 -12.82	49.14 2.87 0.00	41.50 2.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.80 0.63 0.00	29.48 0.55 0.00	29.35 0.47 0.00	29.51 0.44 0.00	26.89 0.43 0.00	28.71 0.46 0.00	31.87 0.44 0.00	33.99 0.42 0.00	33.03 0.36 0.00	32.90 0.43 0.00	34.22 0.44 0.00	34.75 0.46 0.00	43.63 0.51 0.00	54.42 0.68 0.00	71.82 1.19 0.00	402.17 7.04 0.00	182.35 3.34 0.00	234.06 4.95 0.00	161.53 3.98 0.00	111.10 2.96 0.00	63.92 1.81 0.00	51.44 1.79 0.00	47.96 1.69 0.00	40.13 1.32 0.00
WATSON__69_KV_BK 1 55734	35.76 3.36 -2.23	38.48 3.18 -6.37	38.69 2.92 -6.89	38.68 2.86 -6.74	38.34 2.62 -9.27	34.29 2.82 -3.22	38.72 3.27 -4.02	38.23 3.72 -0.93	39.73 3.92 -3.14	74.26 4.23 -37.57	69.43 4.62 -31.03	89.50 4.62 -50.59	138.71 5.48 -90.11	200.87 6.57 -140.56	140.40 8.94 -60.82	546.17 49.49 -101.54	311.06 23.44 -108.61	391.78 29.43 -133.24	253.23 18.87 -76.82	175.38 12.41 -54.83	153.50 6.86 -84.53	72.31 4.66 -18.00	71.24 4.31 -20.66	43.92 3.98 -1.13
WDELAWARE__HYD 323627	31.38 1.21 0.00	29.98 1.05 0.00	29.67 0.79 0.00	29.80 0.72 0.00	27.11 0.66 0.00	28.99 0.73 0.00	32.34 0.91 0.00	34.75 1.18 0.00	34.03 1.35 0.00	33.91 1.59 0.14	35.59 1.82 0.00	36.11 1.82 0.00	45.04 1.92 0.00	54.99 1.25 0.00	72.63 1.99 0.00	408.69 13.56 0.00	186.02 7.01 0.00	238.14 9.03 0.00	163.38 5.83 0.00	111.76 3.61 0.00	68.44 1.90 -4.43	70.71 2.29 -18.78	48.22 1.95 0.00	40.35 1.54 0.00
WEST BABYLON__IC 23714	35.66 3.27 -2.23	38.35 3.06 -6.37	38.54 2.78 -6.89	38.55 2.73 -6.74	38.22 2.50 -9.27	34.13 2.66 -3.22	38.52 3.07 -4.02	38.02 3.51 -0.93	39.52 3.71 -3.14	74.04 4.01 -37.57	52.69 4.34 -14.58	59.19 4.33 -20.56	77.43 5.14 -29.17	106.99 6.19 -47.06	102.28 8.49 -23.16	497.92 47.11 -55.67	359.06 22.35 -157.70	460.35 28.03 -203.21	259.98 17.89 -84.54	135.85 11.72 -15.99	92.98 6.41 -24.45	71.44 4.39 -17.40	71.95 4.10 -21.57	43.76 3.82 -1.13

WEST CANADA___HYD 24049	30.43 0.27 0.00	29.17 0.24 0.00	29.08 0.21 0.00	29.29 0.21 0.00	26.64 0.19 0.00	28.45 0.20 0.00	31.65 0.22 0.00	33.81 0.23 0.00	32.92 0.24 0.00	32.76 0.29 0.00	34.09 0.31 0.00	34.61 0.32 0.00	43.48 0.36 0.00	54.17 0.43 0.00	71.27 0.63 0.00	398.65 3.52 0.00	180.67 1.66 0.00	231.40 2.29 0.00	159.17 1.63 0.00	109.27 1.12 0.00	62.76 0.65 0.00	50.13 0.49 0.00	46.72 0.45 0.00	39.16 0.36 0.00
WESTERN_NY_WIND 24143	30.19 0.03 0.00	28.96 0.03 0.00	28.65 -0.23 0.00	28.97 -0.11 0.00	26.26 -0.20 0.00	28.15 -0.10 0.00	31.43 0.00 0.00	33.39 -0.19 0.00	32.57 -0.11 0.00	32.41 -0.05 0.00	34.13 0.35 0.00	35.12 0.82 0.00	45.09 1.97 0.00	55.58 1.84 0.00	72.16 1.54 0.00	423.24 10.09 -18.02	181.67 2.66 0.00	232.00 2.34 -0.55	174.62 2.51 -14.56	134.34 2.10 -24.09	63.93 1.81 -0.01	51.17 1.53 0.00	47.85 1.58 0.00	39.97 1.16 0.00
WESTOVER___LESR 323668	30.55 0.39 0.00	29.32 0.37 -0.01	29.02 0.14 0.00	29.31 0.23 0.00	26.62 0.16 0.00	28.47 0.22 0.00	31.90 0.42 -0.05	34.10 0.52 0.00	33.36 0.68 0.00	33.23 0.76 0.00	34.66 0.89 0.00	35.28 0.99 0.00	44.61 1.49 0.00	56.16 1.53 -0.90	75.04 1.91 -2.50	413.47 14.79 -3.54	186.99 4.96 -3.02	235.06 5.75 -0.20	164.75 4.14 -3.06	114.07 2.57 -3.36	68.10 1.63 -4.36	59.74 1.03 -9.07	47.87 1.04 -0.56	39.53 0.73 0.00
WETHRSFD_WT_PWR 323626	29.79 -0.37 0.00	28.60 -0.33 0.00	28.23 -0.65 0.00	28.60 -0.49 0.00	25.89 -0.57 0.00	27.74 -0.51 0.00	31.02 -0.41 0.00	32.98 -0.60 0.00	32.31 -0.37 0.00	32.24 -0.23 0.00	33.90 0.13 0.00	34.75 0.46 0.00	44.47 1.35 0.00	54.61 0.87 0.00	70.91 0.27 0.00	406.29 5.23 -5.92	178.75 -0.26 0.00	227.30 -1.83 -0.02	157.14 -0.81 -0.40	108.20 -0.62 -0.67	62.33 0.21 0.00	49.79 0.14 0.00	46.71 0.44 0.00	39.06 0.26 0.00
WHAVSTOR_138KV_BK127 55557	32.12 1.96 0.00	30.76 1.83 0.00	30.44 1.56 0.00	30.58 1.51 0.00	27.85 1.39 0.00	29.78 1.53 0.00	33.19 1.76 0.00	35.66 2.08 0.00	34.95 2.27 0.00	33.96 2.51 1.02	36.54 2.76 0.00	36.97 2.68 0.00	46.16 3.05 0.00	57.54 3.80 0.00	75.98 5.35 0.00	427.48 32.35 0.00	194.74 15.72 0.00	248.09 18.98 0.00	169.45 11.90 0.00	115.77 7.62 0.00	70.08 4.09 -3.87	68.90 2.86 -16.40	48.84 2.58 0.00	41.12 2.32 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.12 1.96 0.00	30.76 1.83 0.00	30.44 1.56 0.00	30.58 1.51 0.00	27.85 1.39 0.00	29.78 1.53 0.00	33.19 1.76 0.00	35.66 2.08 0.00	34.95 2.27 0.00	33.96 2.51 1.02	36.54 2.76 0.00	36.97 2.68 0.00	46.16 3.05 0.00	57.54 3.80 0.00	75.98 5.35 0.00	427.48 32.35 0.00	194.74 15.72 0.00	248.09 18.98 0.00	169.45 11.90 0.00	115.77 7.62 0.00	70.08 4.09 -3.87	68.90 2.86 -16.40	48.84 2.58 0.00	41.12 2.32 0.00
WHITEHAL_115KV_TB1 80871	33.20 3.03 0.00	31.47 2.54 0.00	31.20 2.31 0.00	31.43 2.35 0.00	28.77 2.31 0.00	30.96 2.71 0.00	34.37 2.93 0.00	36.44 2.86 0.00	35.15 2.47 0.00	34.90 2.33 -0.10	36.16 2.38 0.00	36.93 2.63 0.00	46.23 3.11 0.00	58.18 4.44 0.00	77.84 7.20 0.00	437.83 42.70 0.00	198.36 19.35 0.00	255.81 26.69 0.00	176.29 18.74 0.00	120.94 12.80 0.00	114.98 7.31 -45.57	246.55 3.94 -192.96	50.19 3.92 0.00	42.56 3.76 0.00
WHITEPLN_13_KV_LOAD 356215	32.83 2.66 0.00	31.37 2.43 0.00	31.01 2.13 0.00	31.15 2.07 0.00	28.36 1.90 0.00	30.35 2.11 0.00	33.92 2.48 0.00	36.48 2.91 0.00	35.79 3.12 0.00	36.59 3.40 -0.72	37.52 3.75 0.00	38.02 3.72 0.00	47.47 4.35 0.00	59.14 5.40 0.00	78.13 7.49 0.00	438.65 43.51 0.00	199.54 20.53 0.00	254.35 25.24 0.00	173.72 16.17 0.00	118.66 10.51 0.00	71.87 5.70 -4.06	70.88 4.06 -17.18	49.92 3.65 0.00	41.95 3.15 0.00
WM_FLOYD_69_KV_BK2 356380	35.59 3.20 -2.23	38.31 3.01 -6.37	38.51 2.75 -6.89	38.50 2.68 -6.74	38.18 2.46 -9.27	34.14 2.67 -3.22	38.54 3.09 -4.02	38.05 3.54 -0.93	39.55 3.75 -3.14	74.02 3.99 -37.57	91.36 4.37 -53.22	129.86 4.39 -91.18	220.63 5.24 -172.26	327.08 6.27 -267.07	192.32 8.49 -113.19	615.38 46.78 -173.47	290.79 22.10 -89.68	359.36 27.91 -102.34	265.76 17.85 -90.36	227.55 11.83 -107.57	234.26 6.71 -165.43	72.98 4.54 -18.80	70.62 4.09 -20.26	43.63 3.69 -1.13
WOODARD__115KV_TB2 355635	29.97 -0.19 0.00	28.73 -0.22 -0.03	28.54 -0.34 0.00	28.75 -0.33 0.00	26.15 -0.31 0.00	27.94 -0.31 0.00	31.25 -0.28 -0.09	33.32 -0.26 0.00	32.51 -0.17 0.00	32.39 -0.08 0.00	33.80 0.02 0.00	34.43 0.13 0.00	43.47 0.35 0.00	55.74 0.37 -1.63	75.60 0.43 -4.54	405.21 3.64 -6.43	185.70 1.21 -5.49	231.00 1.53 -0.37	164.34 1.23 -5.56	114.95 0.71 -6.10	67.30 0.38 -4.81	53.06 0.17 -3.24	47.36 0.07 -1.02	38.76 -0.05 0.00
YORK___WARBASSE 23770	32.83 2.67 0.00	31.34 2.41 0.00	30.98 2.10 0.00	31.11 2.02 0.00	28.34 1.88 0.00	30.30 2.05 0.00	33.89 2.46 0.00	36.46 2.88 0.00	35.83 3.15 0.00	37.36 3.42 -1.47	37.55 3.76 -0.02	37.91 3.61 0.00	47.23 4.11 0.00	58.74 5.00 0.00	77.64 7.01 0.00	433.15 38.02 0.00	197.06 18.05 0.00	250.13 21.02 0.00	170.77 13.22 0.00	117.08 8.78 -0.15	71.49 4.88 -4.49	128.96 3.40 -75.92	49.35 3.08 0.00	41.71 2.90 0.00