

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/08/2025

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	31.28	34.26	32.51	33.50	33.11	36.45	44.92	55.79	170.40	32.05	43.63	46.64	38.88	43.87	56.40	52.01	61.75	71.12	60.22	67.05	76.88	116.59	50.77	47.10
24138	1.80	1.90	1.71	1.71	1.70	1.82	2.56	3.68	11.09	2.13	2.91	3.35	2.87	3.17	4.13	3.99	4.79	5.43	4.12	4.78	4.85	6.81	2.83	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.36	34.33	32.57	33.55	33.12	36.46	44.94	55.82	170.46	32.07	43.69	46.71	38.94	43.94	56.49	52.08	61.84	71.24	60.37	67.21	77.06	116.92	50.94	47.23
24260	1.88	1.98	1.76	1.77	1.71	1.83	2.59	3.71	11.15	2.16	2.97	3.42	2.92	3.23	4.21	4.06	4.88	5.55	4.26	4.93	5.03	7.15	3.00	2.74
	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	0.00
74TH STREET_GT_2	31.36	34.33	32.57	33.55	33.12	36.46	44.94	55.82	170.46	32.07	43.69	46.71	38.94	43.94	56.49	52.08	61.84	71.24	60.37	67.21	77.06	116.92	50.94	47.23
24261	1.88	1.98	1.76	1.77	1.71	1.83	2.59	3.71	11.15	2.16	2.97	3.42	2.92	3.23	4.21	4.06	4.88	5.55	4.26	4.93	5.03	7.15	3.00	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.85	33.75	31.94	32.92	32.57	36.02	44.33	54.66	166.53	31.08	42.17	45.03	37.34	42.70	54.83	50.23	59.45	68.70	58.81	65.53	75.65	115.39	50.40	46.38
24011	1.37	1.40	1.13	1.13	1.17	1.39	1.98	2.54	7.22	1.17	1.45	1.74	1.54	2.00	2.55	2.21	2.49	3.01	2.70	3.25	3.62	5.61	2.45	1.89
	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	0.00
ADK RESOURCE___RCVRY	31.00	33.88	32.01	33.00	32.68	36.17	44.59	54.94	167.23	31.19	42.34	45.20	37.46	42.98	55.20	50.50	59.71	69.02	59.08	65.85	76.10	116.05	50.72	46.60
23798	1.52	1.52	1.20	1.22	1.27	1.54	2.24	2.83	7.93	1.28	1.61	1.91	1.66	2.28	2.92	2.48	2.75	3.33	2.98	3.58	4.06	6.27	2.78	2.11
	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	0.00
ADK S GLENS___FALLS	30.85	33.75	31.94	32.92	32.57	36.02	44.33	54.66	166.53	31.08	42.17	45.03	37.34	42.70	54.83	50.23	59.45	68.70	58.81	65.53	75.65	115.39	50.40	46.38
24028	1.37	1.40	1.13	1.13	1.17	1.39	1.98	2.54	7.22	1.17	1.45	1.74	1.54	2.00	2.55	2.21	2.49	3.01	2.70	3.25	3.62	5.61	2.45	1.89
	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	0.00
ADK_NYS___DAM	30.67	33.65	31.80	32.72	32.30	35.67	43.67	53.72	163.53	30.32	40.77	43.36	36.05	41.45	53.81	49.44	58.60	67.82	57.93	64.31	74.21	113.28	49.83	45.92
23527	1.19	1.29	0.99	0.93	0.89	1.04	1.32	1.61	4.22	0.41	0.04	0.07	0.26	0.74	1.54	1.43	1.64	2.12	1.83	2.04	2.17	3.50	1.88	1.43
	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	0.00
AIR_PRODUCTS___DRP	29.86	32.71	31.06	32.00	31.59	34.80	42.64	52.58	159.99	30.00	40.60	43.05	35.80	40.77	52.62	48.39	57.49	66.39	56.57	62.83	72.43	110.36	48.29	44.70
24190	0.38	0.35	0.25	0.21	0.19	0.17	0.29	0.47	0.67	0.09	-0.12	-0.24	0.00	0.06	0.34	0.37	0.53	0.70	0.47	0.56	0.39	0.58	0.35	0.21
	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	0.00
AKWESSNE_115KV_BK	29.64	32.51	31.02	32.06	31.73	35.05	42.74	52.15	159.71	29.81	40.79	43.30	35.82	40.79	52.30	47.99	56.96	65.61	56.47	62.54	72.51	110.58	48.07	44.81
355683	0.16	0.16	0.21	0.27	0.32	0.42	0.38	0.04	0.40	-0.10	0.06	0.01	0.02	0.08	0.03	-0.03	0.00	-0.08	0.36	0.27	0.48	0.80	0.13	0.32
	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	0.00
ALBANY_1_SOLAR	30.42	33.35	31.69	32.67	32.24	35.52	43.44	53.31	162.54	30.31	41.25	43.89	36.29	41.26	53.11	48.99	58.33	67.49	57.62	64.18	73.98	112.75	49.28	45.64
323833	0.94	0.99	0.88	0.88	0.84	0.88	1.09	1.19	3.24	0.40	0.53	0.61	0.49	0.55	0.83	0.97	1.37	1.80	1.51	1.90	1.94	2.97	1.33	1.15
	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	0.00
ALBANY_2_SOLAR	30.40	33.33	31.69	32.66	32.23	35.50	43.44	53.30	162.53	30.30	41.25	43.89	36.28	41.26	53.09	48.98	58.32	67.48	57.62	64.15	73.94	112.67	49.26	45.63
323834	0.92	0.98	0.88	0.87	0.82	0.88	1.09	1.19	3.22	0.39	0.53	0.60	0.49	0.55	0.81	0.96	1.37	1.79	1.51	1.88	1.91	2.89	1.31	1.14
	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	0.00
ALBANY___1	29.86	32.71	31.06	32.00	31.59	34.80	42.64	52.58	159.99	30.00	40.60	43.05	35.80	40.77	52.62	48.39	57.49	66.39	56.57	62.83	72.43	110.36	48.29	44.70
23571	0.38	0.35	0.25	0.21	0.19	0.17	0.29	0.47	0.67	0.09	-0.12	-0.24	0.00	0.06	0.34	0.37	0.53	0.70	0.47	0.56	0.39	0.58	0.35	0.21
	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	0.00

ALBANY___2 23572	29.86 0.38 0.00	32.71 0.35 0.00	31.06 0.25 0.00	32.00 0.21 0.00	31.59 0.19 0.00	34.80 0.17 0.00	42.64 0.29 0.00	52.58 0.47 0.00	159.99 0.67 0.00	30.00 0.09 0.00	40.60 -0.12 0.00	43.05 -0.24 0.00	35.80 0.00 0.00	40.77 0.06 0.00	52.62 0.34 0.00	48.39 0.37 0.00	57.49 0.53 0.00	66.39 0.70 0.00	56.57 0.47 0.00	62.83 0.56 0.00	72.43 0.39 0.00	110.36 0.58 0.00	48.29 0.35 0.00	44.70 0.21 0.00
ALBANY___3 23573	29.86 0.38 0.00	32.71 0.35 0.00	31.06 0.25 0.00	32.00 0.21 0.00	31.59 0.19 0.00	34.80 0.17 0.00	42.64 0.29 0.00	52.58 0.47 0.00	159.99 0.67 0.00	30.00 0.09 0.00	40.60 -0.12 0.00	43.05 -0.24 0.00	35.80 0.00 0.00	40.77 0.06 0.00	52.62 0.34 0.00	48.39 0.37 0.00	57.49 0.53 0.00	66.39 0.70 0.00	56.57 0.47 0.00	62.83 0.56 0.00	72.43 0.39 0.00	110.36 0.58 0.00	48.29 0.35 0.00	44.70 0.21 0.00
ALBANY___4 23574	29.86 0.38 0.00	32.71 0.35 0.00	31.06 0.25 0.00	32.00 0.21 0.00	31.59 0.19 0.00	34.80 0.17 0.00	42.64 0.29 0.00	52.58 0.47 0.00	159.99 0.67 0.00	30.00 0.09 0.00	40.60 -0.12 0.00	43.05 -0.24 0.00	35.80 0.00 0.00	40.77 0.06 0.00	52.62 0.34 0.00	48.39 0.37 0.00	57.49 0.53 0.00	66.39 0.70 0.00	56.57 0.47 0.00	62.83 0.56 0.00	72.43 0.39 0.00	110.36 0.58 0.00	48.29 0.35 0.00	44.70 0.21 0.00
ALBANY___LFGE 323615	30.12 0.64 0.00	32.99 0.64 0.00	31.36 0.55 0.00	32.28 0.49 0.00	31.88 0.47 0.00	35.13 0.50 0.00	43.05 0.70 0.00	53.11 1.00 0.00	161.67 2.36 0.00	30.33 0.41 0.00	41.05 0.33 0.00	43.57 0.28 0.00	36.20 0.40 0.00	41.22 0.51 0.00	53.22 0.94 0.00	48.92 0.91 0.00	58.11 1.15 0.00	67.09 1.40 0.00	57.19 1.08 0.00	63.53 1.26 0.00	73.23 1.19 0.00	111.55 1.77 0.00	48.77 0.83 0.00	45.14 0.65 0.00
ALCOA_PA_115KV_PL-6C 55860	29.66 0.18 0.00	32.53 0.18 0.00	31.05 0.24 0.00	32.08 0.30 0.00	31.77 0.36 0.00	35.09 0.46 0.00	42.80 0.45 0.00	52.14 0.03 0.00	159.90 0.60 0.00	29.96 0.04 0.00	40.83 0.11 0.00	43.33 0.04 0.00	35.82 0.02 0.00	40.79 0.08 0.00	52.30 0.03 0.00	48.01 -0.01 0.00	57.10 0.13 0.00	65.56 -0.13 0.00	56.45 0.34 0.00	62.53 0.26 0.00	72.52 0.48 0.00	110.57 0.79 0.00	48.48 0.54 0.00	44.99 0.50 0.00
ALCOA_RYNLDS___DRP 24188	29.66 0.18 0.00	32.53 0.18 0.00	31.05 0.24 0.00	32.08 0.30 0.00	31.77 0.36 0.00	35.09 0.46 0.00	42.80 0.45 0.00	52.14 0.03 0.00	159.90 0.60 0.00	29.96 0.04 0.00	40.83 0.11 0.00	43.33 0.04 0.00	35.82 0.02 0.00	40.79 0.08 0.00	52.30 0.03 0.00	48.01 -0.01 0.00	57.10 0.13 0.00	65.56 -0.13 0.00	56.45 0.34 0.00	62.53 0.26 0.00	72.52 0.48 0.00	110.57 0.79 0.00	48.48 0.54 0.00	44.99 0.50 0.00
ALCOA___DSASP 323711	29.66 0.18 0.00	32.53 0.18 0.00	31.05 0.24 0.00	32.08 0.30 0.00	31.77 0.36 0.00	35.09 0.46 0.00	42.80 0.45 0.00	52.14 0.03 0.00	159.91 0.60 0.00	29.96 0.04 0.00	40.83 0.11 0.00	43.33 0.04 0.00	35.82 0.02 0.00	40.79 0.08 0.00	52.30 0.03 0.00	48.01 -0.01 0.00	57.10 0.14 0.00	65.57 -0.12 0.00	56.44 0.34 0.00	62.53 0.26 0.00	72.52 0.48 0.00	110.57 0.79 0.00	48.48 0.54 0.00	44.99 0.50 0.00
ALLEGHENY___COGEN 23514	28.73 -0.75 0.00	31.57 -0.79 0.00	30.12 -0.70 0.00	31.21 -0.58 0.00	30.95 -0.45 0.00	34.43 -0.20 0.00	42.01 -0.34 0.00	52.26 0.15 0.00	159.52 0.21 0.00	29.85 -0.07 0.00	40.56 -0.17 0.00	42.75 -0.53 0.00	35.07 -0.73 0.00	39.57 -1.13 0.00	50.26 -2.02 0.00	46.15 -1.86 0.00	54.59 -2.37 0.00	62.21 -2.84 0.64	52.93 -1.75 1.42	61.86 -0.42 0.00	71.93 -0.10 0.00	109.77 -0.01 0.00	47.34 -0.60 0.00	44.23 -0.26 0.00
ALTAMONT_115KV_TB 2 55880	30.12 0.64 0.00	33.01 0.66 0.00	31.38 0.57 0.00	32.34 0.55 0.00	31.93 0.52 0.00	35.16 0.53 0.00	43.11 0.75 0.00	53.13 1.02 0.00	161.98 2.67 0.00	30.37 0.46 0.00	41.21 0.48 0.00	43.90 0.62 0.00	36.39 0.58 0.00	41.41 0.70 0.00	53.27 0.99 0.00	48.96 0.94 0.00	58.15 1.19 0.00	67.10 1.41 0.00	57.21 1.10 0.00	63.61 1.34 0.00	73.32 1.29 0.00	111.76 1.98 0.00	48.85 0.91 0.00	45.25 0.76 0.00
ALTONA_WT_PWR 323606	30.02 0.54 0.00	32.92 0.57 0.00	31.40 0.59 0.00	32.49 0.70 0.00	32.16 0.75 0.00	35.61 0.99 0.00	43.36 1.01 0.00	53.20 1.09 0.00	162.84 3.53 0.00	30.40 0.48 0.00	41.44 0.72 0.00	44.06 0.77 0.00	36.46 0.67 0.00	41.59 0.89 0.00	53.27 0.99 0.00	48.72 0.70 0.00	57.85 0.89 0.00	66.83 1.14 0.00	57.33 1.23 0.00	63.78 1.51 0.00	73.94 1.90 0.00	112.57 2.79 0.00	49.28 1.34 0.00	45.52 1.03 0.00
AMERICAN_REF_FUEL 24010	26.30 -3.18 0.00	28.93 -3.43 0.00	27.60 -3.21 0.00	28.66 -3.12 0.00	28.27 -3.14 0.00	31.35 -3.28 0.00	37.70 -4.65 0.00	46.69 -5.43 0.00	143.20 -16.10 0.00	27.05 -2.86 0.00	37.41 -3.32 0.00	39.35 -3.94 0.00	32.25 -3.55 0.00	36.36 -4.35 0.00	45.87 -6.41 0.00	41.91 -6.11 0.00	49.28 -7.69 0.00	55.79 -9.37 0.53	47.65 -7.58 0.88	55.27 -7.00 0.00	64.27 -7.77 0.00	98.29 -11.49 0.00	42.67 -5.28 0.00	40.30 -4.19 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.87 -1.61 0.00	30.78 -1.57 0.00	29.26 -1.55 0.00	30.35 -1.44 0.00	29.84 -1.57 0.00	33.27 -1.36 0.00	40.56 -1.80 0.00	50.52 -1.59 0.00	154.86 -4.44 0.00	29.08 -0.84 0.00	40.16 -0.56 0.00	42.36 -0.93 0.00	34.82 -0.98 0.00	39.21 -1.49 0.00	49.40 -2.88 0.00	44.87 -3.15 0.00	52.73 -4.23 0.00	59.64 -5.43 0.62	50.36 -4.64 1.11	58.87 -3.40 0.00	68.10 -3.94 0.00	104.27 -5.51 0.00	44.81 -3.14 0.00	42.00 -2.49 0.00
ARTHUR KILL_GT_1 23520	31.21 1.73 0.00	34.14 1.79 0.00	32.40 1.59 0.00	33.44 1.66 0.00	33.36 1.94 -0.01	36.68 2.04 -0.01	46.86 2.59 -1.92	55.35 3.24 0.00	170.80 9.29 -2.21	44.28 1.83 -12.54	44.24 2.50 -1.02	47.15 2.98 -0.88	47.89 2.47 -9.62	44.83 2.67 -1.46	55.83 3.55 0.00	51.45 3.43 0.00	61.08 4.12 0.00	70.57 4.89 0.00	59.80 3.70 0.00	66.63 4.36 0.00	76.45 4.42 0.00	115.97 6.19 0.00	50.72 2.78 0.00	47.02 2.53 -0.01
ARTHUR_KILL_2 23512	31.12 1.64 0.00	34.07 1.72 0.00	32.33 1.52 0.00	33.37 1.58 0.00	33.27 1.85 -0.01	36.58 1.94 -0.01	46.75 2.48 -1.92	55.21 3.09 0.00	170.36 8.85 -2.21	44.23 1.77 -12.54	44.18 2.43 -1.02	47.07 2.90 -0.88	47.81 2.39 -9.62	44.77 2.61 -1.47	55.69 3.41 0.00	51.34 3.32 0.00	60.94 3.98 0.00	70.34 4.65 0.00	59.60 3.50 0.00	66.43 4.16 0.00	76.21 4.18 0.00	115.63 5.85 0.00	50.58 2.64 0.00	46.89 2.39 -0.01
ARTHUR_KILL_3 23513	31.05 1.57 0.00	34.01 1.66 0.00	32.26 1.45 0.00	33.22 1.44 0.00	32.73 1.33 0.00	36.04 1.41 0.00	45.71 2.09 -1.27	55.20 3.08 0.00	169.99 9.23 -1.45	41.88 1.78 -10.18	44.21 2.47 -1.01	47.07 2.91 -0.87	45.46 2.50 -7.16	44.39 2.71 -0.97	55.84 3.55 0.00	51.49 3.47 0.00	61.13 4.17 0.00	70.45 4.76 0.00	59.67 3.56 0.00	66.45 4.17 0.00	76.18 4.14 0.00	115.59 5.80 0.00	50.38 2.44 0.00	46.78 2.28 0.00

ARTHUR_KILL_COGEN 323718	31.21 1.72 0.00	34.15 1.79 0.00	32.40 1.59 0.00	33.44 1.66 0.00	33.35 1.94 -0.01	36.67 2.03 -0.01	46.87 2.60 -1.92	55.35 3.23 0.00	170.82 9.30 -2.21	44.30 1.84 -12.54	44.27 2.53 -1.02	47.18 3.01 -0.88	47.89 2.47 -9.62	44.87 2.70 -1.47	55.83 3.55 0.00	51.46 3.44 0.00	61.08 4.12 0.00	70.54 4.85 0.00	59.78 3.67 0.00	66.63 4.35 0.00	76.45 4.42 0.00	115.97 6.19 0.00	50.72 2.78 0.00	47.02 2.53 -0.01
ASHOKAN____ 23654	30.98 1.50 0.00	33.90 1.55 0.00	32.20 1.39 0.00	33.19 1.41 0.00	32.77 1.36 0.00	36.08 1.45 0.00	44.39 2.04 0.00	54.97 2.86 0.00	168.02 8.71 0.00	31.42 1.51 0.00	42.62 1.90 0.00	45.67 2.38 0.00	37.90 2.10 0.00	43.18 2.47 0.00	55.50 3.22 0.00	50.89 2.88 0.00	60.76 3.80 0.00	70.21 4.52 0.00	59.62 3.51 0.00	66.44 4.17 0.00	76.46 4.42 0.00	116.06 6.28 0.00	50.54 2.60 0.00	46.75 2.26 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.11 1.63 0.00	34.06 1.71 0.00	32.37 1.56 0.00	33.29 1.51 0.00	32.86 1.45 0.00	36.24 1.61 0.00	44.69 2.33 0.00	55.35 3.24 0.00	168.91 9.61 0.00	31.79 1.88 0.00	43.36 2.57 -0.07	47.10 3.07 -0.74	38.47 2.44 -0.23	43.51 2.80 -0.01	56.02 3.74 0.00	51.64 3.62 0.00	61.26 4.30 0.00	70.95 4.84 -0.42	61.17 3.70 -1.37	66.58 4.31 0.00	76.39 4.36 0.00	115.98 6.20 0.00	50.56 2.62 0.00	46.92 2.43 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.11 1.63 0.00	34.06 1.71 0.00	32.37 1.56 0.00	33.29 1.50 0.00	32.86 1.45 0.00	36.24 1.61 0.00	44.69 2.33 0.00	55.35 3.24 0.00	168.91 9.61 0.00	31.79 1.88 0.00	43.36 2.57 -0.07	47.10 3.07 -0.74	38.47 2.44 -0.23	43.51 2.80 -0.01	56.02 3.74 0.00	51.64 3.62 0.00	61.26 4.30 0.00	70.95 4.84 -0.42	61.17 3.70 -1.37	66.58 4.31 0.00	76.39 4.36 0.00	115.98 6.20 0.00	50.56 2.62 0.00	46.92 2.43 0.00
ASTORIA_GT2_1 24094	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT2_2 24095	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT2_3 24096	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT2_4 24097	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT3_1 24098	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT3_2 24099	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT3_3 24100	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT3_4 24101	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT4_1 24102	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT4_2 24103	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT4_3 24104	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00

ASTORIA_GT4_4 24105	31.12 1.64 0.00	34.08 1.72 0.00	32.39 1.58 0.00	33.30 1.52 0.00	32.88 1.46 0.00	36.26 1.63 0.00	44.71 2.35 0.00	55.37 3.26 0.00	169.00 9.69 0.00	31.79 1.88 0.00	43.38 2.58 -0.07	47.13 3.11 -0.74	38.56 2.53 -0.22	43.52 2.81 0.00	56.04 3.76 0.00	51.65 3.63 0.00	61.28 4.32 0.00	71.08 4.97 -0.42	61.33 3.86 -1.37	66.61 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA_GT_1 23523	31.17 1.69 0.00	34.13 1.77 0.00	32.42 1.61 0.00	33.34 1.56 0.00	32.92 1.51 0.00	36.30 1.67 0.00	44.78 2.43 0.00	55.46 3.35 0.00	169.31 10.00 0.00	31.85 1.94 0.00	43.45 2.65 -0.07	47.22 3.19 -0.74	38.62 2.60 -0.22	43.59 2.88 0.00	56.15 3.87 0.00	51.74 3.72 0.00	61.39 4.43 0.00	71.20 5.09 -0.42	61.44 3.96 -1.37	66.72 4.45 0.00	76.55 4.51 0.00	116.21 6.43 0.00	50.66 2.72 0.00	47.01 2.52 0.00
ASTORIA_GT_10 24110	31.21 1.73 0.00	34.16 1.81 0.00	32.43 1.62 0.00	33.38 1.59 0.00	32.95 1.54 0.00	36.25 1.62 0.00	44.69 2.34 0.00	55.45 3.34 0.00	169.27 9.96 0.00	31.90 1.98 0.00	43.41 2.68 0.00	46.44 3.15 0.00	38.68 2.66 -0.22	43.63 2.92 0.00	56.14 3.86 0.00	51.74 3.72 0.00	61.43 4.47 0.00	70.78 5.09 0.00	59.99 3.89 0.00	66.75 4.48 0.00	76.54 4.51 0.00	116.15 6.37 0.00	50.62 2.68 0.00	46.95 2.46 0.00
ASTORIA_GT_11 24225	31.21 1.73 0.00	34.16 1.81 0.00	32.43 1.62 0.00	33.38 1.59 0.00	32.95 1.54 0.00	36.25 1.62 0.00	44.69 2.34 0.00	55.45 3.34 0.00	169.27 9.96 0.00	31.90 1.98 0.00	43.41 2.68 0.00	46.44 3.15 0.00	38.68 2.66 -0.22	43.63 2.92 0.00	56.14 3.86 0.00	51.74 3.72 0.00	61.43 4.47 0.00	70.78 5.09 0.00	59.99 3.89 0.00	66.75 4.48 0.00	76.54 4.51 0.00	116.15 6.37 0.00	50.62 2.68 0.00	46.95 2.46 0.00
ASTORIA_GT_12 24226	31.21 1.73 0.00	34.16 1.81 0.00	32.43 1.62 0.00	33.38 1.59 0.00	32.95 1.54 0.00	36.25 1.62 0.00	44.69 2.34 0.00	55.45 3.34 0.00	169.27 9.96 0.00	31.90 1.98 0.00	43.41 2.68 0.00	46.44 3.15 0.00	38.68 2.66 -0.22	43.63 2.92 0.00	56.14 3.86 0.00	51.74 3.72 0.00	61.43 4.47 0.00	70.78 5.09 0.00	59.99 3.89 0.00	66.75 4.48 0.00	76.54 4.51 0.00	116.15 6.37 0.00	50.62 2.68 0.00	46.95 2.46 0.00
ASTORIA_GT_13 24227	31.21 1.73 0.00	34.16 1.81 0.00	32.43 1.62 0.00	33.38 1.59 0.00	32.95 1.54 0.00	36.25 1.62 0.00	44.69 2.34 0.00	55.45 3.34 0.00	169.27 9.96 0.00	31.90 1.98 0.00	43.41 2.68 0.00	46.44 3.15 0.00	38.68 2.66 -0.22	43.63 2.92 0.00	56.14 3.86 0.00	51.74 3.72 0.00	61.43 4.47 0.00	70.78 5.09 0.00	59.99 3.89 0.00	66.75 4.48 0.00	76.54 4.51 0.00	116.15 6.37 0.00	50.62 2.68 0.00	46.95 2.46 0.00
ASTORIA_GT_5 24106	31.17 1.69 0.00	34.13 1.77 0.00	32.42 1.61 0.00	33.34 1.56 0.00	32.92 1.51 0.00	36.30 1.67 0.00	44.78 2.43 0.00	55.46 3.35 0.00	169.31 10.00 0.00	31.85 1.94 0.00	43.45 2.65 -0.07	47.22 3.19 -0.74	38.62 2.60 -0.22	43.59 2.88 0.00	56.15 3.87 0.00	51.74 3.72 0.00	61.39 4.43 0.00	71.20 5.09 -0.42	61.44 3.96 -1.37	66.72 4.45 0.00	76.55 4.51 0.00	116.21 6.43 0.00	50.66 2.72 0.00	47.01 2.52 0.00
ASTORIA_GT_7 24107	31.17 1.69 0.00	34.13 1.77 0.00	32.42 1.61 0.00	33.34 1.56 0.00	32.92 1.51 0.00	36.30 1.67 0.00	44.78 2.43 0.00	55.46 3.35 0.00	169.31 10.00 0.00	31.85 1.94 0.00	43.45 2.65 -0.07	47.22 3.19 -0.74	38.62 2.60 -0.22	43.59 2.88 0.00	56.15 3.87 0.00	51.74 3.72 0.00	61.39 4.43 0.00	71.20 5.09 -0.42	61.44 3.96 -1.37	66.72 4.45 0.00	76.55 4.51 0.00	116.21 6.43 0.00	50.66 2.72 0.00	47.01 2.52 0.00
ASTORIA_GT_8 24108	31.17 1.69 0.00	34.13 1.77 0.00	32.42 1.61 0.00	33.34 1.56 0.00	32.92 1.51 0.00	36.30 1.67 0.00	44.78 2.43 0.00	55.46 3.35 0.00	169.31 10.00 0.00	31.85 1.94 0.00	43.45 2.65 -0.07	47.22 3.19 -0.74	38.62 2.60 -0.22	43.59 2.88 0.00	56.15 3.87 0.00	51.74 3.72 0.00	61.39 4.43 0.00	71.20 5.09 -0.42	61.44 3.96 -1.37	66.72 4.45 0.00	76.55 4.51 0.00	116.21 6.43 0.00	50.66 2.72 0.00	47.01 2.52 0.00
ASTORIA___2 24149	31.12 1.64 0.00	34.08 1.73 0.00	32.37 1.56 0.00	33.31 1.52 0.00	32.87 1.46 0.00	36.26 1.63 0.00	44.70 2.35 0.00	55.37 3.26 0.00	168.99 9.69 0.00	31.80 1.89 0.00	43.38 2.58 -0.07	47.12 3.09 -0.74	38.49 2.46 -0.23	43.54 2.83 -0.01	56.04 3.76 0.00	51.65 3.64 0.00	61.28 4.32 0.00	70.99 4.88 -0.42	61.21 3.73 -1.37	66.60 4.33 0.00	76.44 4.40 0.00	116.00 6.22 0.00	50.59 2.66 0.00	46.93 2.44 0.00
ASTORIA___3 23516	31.20 1.72 0.00	34.16 1.81 0.00	32.43 1.62 0.00	33.38 1.60 0.00	32.95 1.54 0.00	36.25 1.62 0.00	44.69 2.33 0.00	55.45 3.33 0.00	169.28 9.97 0.00	31.90 1.99 0.00	43.41 2.69 0.00	46.44 3.15 0.00	38.67 2.65 -0.23	43.64 2.93 -0.01	56.14 3.86 0.00	51.74 3.72 0.00	61.43 4.47 0.00	70.75 5.06 0.00	59.96 3.86 0.00	66.75 4.48 0.00	76.54 4.51 0.00	116.15 6.37 0.00	50.62 2.68 0.00	46.95 2.46 0.00
ASTORIA___4 23517	31.21 1.73 0.00	34.16 1.81 0.00	32.43 1.62 0.00	33.38 1.59 0.00	32.95 1.54 0.00	36.25 1.62 0.00	44.69 2.34 0.00	55.45 3.34 0.00	169.27 9.96 0.00	31.90 1.98 0.00	43.41 2.68 0.00	46.44 3.15 0.00	38.68 2.66 -0.22	43.63 2.92 0.00	56.14 3.86 0.00	51.74 3.72 0.00	61.43 4.47 0.00	70.78 5.09 0.00	59.99 3.89 0.00	66.75 4.48 0.00	76.54 4.51 0.00	116.15 6.37 0.00	50.62 2.68 0.00	46.95 2.46 0.00
ASTORIA___5 23518	31.20 1.72 0.00	34.16 1.81 0.00	32.43 1.62 0.00	33.38 1.60 0.00	32.95 1.54 0.00	36.25 1.62 0.00	44.69 2.33 0.00	55.45 3.33 0.00	169.28 9.97 0.00	31.90 1.99 0.00	43.41 2.69 0.00	46.44 3.15 0.00	38.67 2.65 -0.23	43.64 2.93 -0.01	56.14 3.86 0.00	51.74 3.72 0.00	61.43 4.47 0.00	70.75 5.06 0.00	59.96 3.86 0.00	66.75 4.48 0.00	76.54 4.51 0.00	116.15 6.37 0.00	50.62 2.68 0.00	46.95 2.46 0.00
AST_ENERGY_2_CC3 323677	31.13 1.65 0.00	34.10 1.75 0.00	32.38 1.56 0.00	33.33 1.55 0.00	32.90 1.49 0.00	36.20 1.56 0.00	44.59 2.24 0.00	55.35 3.23 0.00	168.96 9.66 0.00	31.77 1.86 0.00	43.29 2.56 0.00	46.28 2.99 0.00	38.60 2.58 -0.22	43.53 2.82 -0.01	55.97 3.69 0.00	51.62 3.60 0.00	61.29 4.33 0.00	70.58 4.90 0.00	59.82 3.71 0.00	66.61 4.34 0.00	76.39 4.36 0.00	115.91 6.13 0.00	50.52 2.58 0.00	46.86 2.37 0.00
AST_ENERGY_2_CC4 323678	31.13 1.65 0.00	34.10 1.75 0.00	32.38 1.56 0.00	33.33 1.55 0.00	32.90 1.49 0.00	36.20 1.56 0.00	44.59 2.24 0.00	55.35 3.23 0.00	168.96 9.66 0.00	31.77 1.86 0.00	43.29 2.56 0.00	46.28 2.99 0.00	38.60 2.58 -0.22	43.53 2.82 -0.01	55.97 3.69 0.00	51.62 3.60 0.00	61.29 4.33 0.00	70.58 4.90 0.00	59.82 3.71 0.00	66.61 4.34 0.00	76.39 4.36 0.00	115.91 6.13 0.00	50.52 2.58 0.00	46.86 2.37 0.00

ATHENS_STG_1 23668	30.23 0.75 0.00	33.14 0.79 0.00	31.52 0.71 0.00	32.49 0.70 0.00	32.05 0.64 0.00	35.25 0.62 0.00	43.25 0.90 0.00	53.43 1.31 0.00	163.06 3.75 0.00	30.62 0.71 0.00	41.60 0.88 0.00	44.34 1.06 0.00	36.74 0.94 0.00	41.78 1.07 0.00	53.77 1.49 0.00	49.48 1.46 0.00	58.76 1.80 0.00	67.74 2.05 0.00	57.61 1.50 0.00	64.08 1.81 0.00	73.69 1.66 0.00	112.24 2.46 0.00	49.04 1.10 0.00	45.46 0.97 0.00
ATHENS_STG_2 23670	30.23 0.75 0.00	33.14 0.79 0.00	31.52 0.71 0.00	32.49 0.70 0.00	32.05 0.64 0.00	35.25 0.62 0.00	43.25 0.90 0.00	53.43 1.31 0.00	163.06 3.75 0.00	30.62 0.71 0.00	41.60 0.88 0.00	44.34 1.06 0.00	36.74 0.94 0.00	41.78 1.07 0.00	53.77 1.49 0.00	49.48 1.46 0.00	58.76 1.80 0.00	67.74 2.05 0.00	57.61 1.50 0.00	64.08 1.81 0.00	73.69 1.66 0.00	112.24 2.46 0.00	49.04 1.10 0.00	45.46 0.97 0.00
ATHENS_STG_3 23677	30.23 0.75 0.00	33.14 0.79 0.00	31.52 0.71 0.00	32.49 0.70 0.00	32.05 0.64 0.00	35.25 0.62 0.00	43.25 0.90 0.00	53.43 1.31 0.00	163.06 3.75 0.00	30.62 0.71 0.00	41.60 0.88 0.00	44.34 1.06 0.00	36.74 0.94 0.00	41.78 1.07 0.00	53.77 1.49 0.00	49.48 1.46 0.00	58.76 1.80 0.00	67.74 2.05 0.00	57.61 1.50 0.00	64.08 1.81 0.00	73.69 1.66 0.00	112.24 2.46 0.00	49.04 1.10 0.00	45.46 0.97 0.00
AUBURN____LFGE 323710	29.10 -0.39 0.00	32.00 -0.36 0.00	30.34 -0.47 0.00	31.41 -0.38 0.00	31.06 -0.35 0.00	34.26 -0.37 0.00	41.98 -0.37 0.00	51.63 -0.48 0.00	157.75 -1.56 0.00	29.64 -0.27 0.00	40.40 -0.33 0.00	42.81 -0.48 0.00	35.28 -0.51 0.00	40.06 -0.64 0.00	51.34 -0.93 0.00	47.09 -0.92 0.00	55.78 -1.18 0.00	64.63 -1.23 -0.16	55.45 -1.04 -0.38	61.86 -0.42 0.00	71.43 -0.60 0.00	108.91 -0.87 0.00	47.39 -0.55 0.00	44.03 -0.46 0.00
BABYLON_RES_REC 323704	31.69 2.01 -0.21	35.62 2.20 -1.06	34.54 2.10 -1.62	35.61 2.14 -1.68	36.35 2.07 -2.87	44.39 2.02 -7.74	45.30 2.70 -0.25	55.81 3.70 0.00	169.42 10.11 0.00	32.33 2.04 -0.38	46.37 2.53 -3.12	53.92 2.95 -7.69	43.75 2.51 -5.44	47.14 2.75 -3.68	55.87 3.59 0.00	55.12 3.56 -3.54	75.50 4.44 -14.10	98.17 5.15 -27.33	87.88 4.13 -27.64	81.70 4.70 -14.73	87.32 4.81 -10.47	134.19 7.51 -16.90	56.25 3.07 -5.24	47.18 2.69 0.00
BALL_HILL_WT_PWR 323825	27.50 -1.98 0.00	30.34 -2.02 0.00	28.88 -1.93 0.00	29.97 -1.81 0.00	29.55 -1.86 0.00	32.79 -1.84 0.00	39.67 -2.68 0.00	49.29 -2.83 0.00	151.07 -8.24 0.00	28.47 -1.44 0.00	39.35 -1.37 0.00	41.43 -1.86 0.00	34.00 -1.79 0.00	38.36 -2.34 0.00	48.42 -3.86 0.00	44.19 -3.83 0.00	51.93 -5.03 0.00	58.95 -6.15 0.60	49.95 -5.11 1.04	58.20 -4.07 0.00	67.31 -4.73 0.00	103.13 -6.65 0.00	44.50 -3.44 0.00	41.86 -2.63 0.00
BARON_WINDS____WT_PWR 323822	27.94 -1.54 0.00	30.90 -1.45 0.00	29.49 -1.32 0.00	30.55 -1.23 0.00	30.34 -1.07 0.00	33.59 -1.04 0.00	40.87 -1.49 0.00	50.76 -1.36 0.00	155.08 -4.23 0.00	29.21 -0.70 0.00	40.15 -0.58 0.00	42.29 -1.00 0.00	34.79 -1.01 0.00	39.32 -1.39 0.00	49.99 -2.29 0.00	45.74 -2.27 0.00	53.92 -3.05 0.00	61.14 -3.69 0.87	51.32 -2.93 1.86	60.11 -2.16 0.00	69.36 -2.68 0.00	106.12 -3.66 0.00	45.95 -1.99 0.00	43.00 -1.49 0.00
BARRETT_IC_1 23704	34.37 1.97 -2.93	70.28 2.14 -35.78	77.51 2.03 -44.67	70.28 2.07 -36.42	74.48 2.01 -41.06	138.88 1.95 -102.30	47.78 2.60 -2.82	55.66 3.55 0.00	169.11 9.80 0.00	36.56 2.06 -4.59	122.20 2.56 -78.92	157.91 2.90 -111.72	104.04 2.48 -65.76	87.90 2.68 -44.52	56.02 3.70 -0.04	94.21 3.54 -42.66	231.29 4.28 -170.05	234.23 4.69 -163.85	152.10 3.73 -92.27	91.15 4.48 -24.40	148.68 4.53 -72.12	172.14 6.60 -55.76	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT_IC_10 23701	34.37 1.97 -2.93	70.28 2.14 -35.78	70.28 2.03 -37.44	70.28 2.07 -36.42	68.91 2.01 -35.49	71.24 1.95 -34.66	45.94 2.60 -0.98	55.66 3.55 0.00	169.11 9.80 0.00	33.55 2.06 -1.58	65.97 2.56 -22.68	54.68 2.90 -8.49	60.74 2.48 -22.46	58.68 2.68 -15.29	55.99 3.70 -0.01	68.20 3.54 -16.65	119.68 4.28 -58.44	118.38 4.69 -48.00	47.67 3.73 12.16	83.15 4.48 -16.39	102.94 4.53 -26.38	142.80 6.60 -26.42	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT_IC_11 23702	34.37 1.97 -2.93	70.28 2.14 -35.78	70.28 2.03 -37.44	70.28 2.07 -36.42	68.91 2.01 -35.49	71.24 1.95 -34.66	45.94 2.60 -0.98	55.66 3.55 0.00	169.11 9.80 0.00	33.55 2.06 -1.58	65.97 2.56 -22.68	54.68 2.90 -8.49	60.74 2.48 -22.46	58.68 2.68 -15.29	55.99 3.70 -0.01	68.20 3.54 -16.65	119.68 4.28 -58.44	118.38 4.69 -48.00	47.67 3.73 12.16	83.15 4.48 -16.39	102.94 4.53 -26.38	142.80 6.60 -26.42	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT_IC_12 23703	34.37 1.97 -2.93	70.28 2.14 -35.78	70.28 2.03 -37.44	70.28 2.07 -36.42	68.91 2.01 -35.49	71.24 1.95 -34.66	45.94 2.60 -0.98	55.66 3.55 0.00	169.11 9.80 0.00	33.55 2.06 -1.58	65.97 2.56 -22.68	54.68 2.90 -8.49	60.74 2.48 -22.46	58.68 2.68 -15.29	55.99 3.70 -0.01	68.20 3.54 -16.65	119.68 4.28 -58.44	118.38 4.69 -48.00	47.67 3.73 12.16	83.15 4.48 -16.39	102.94 4.53 -26.38	142.80 6.60 -26.42	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT_IC_2 23705	34.37 1.97 -2.93	70.28 2.14 -35.78	77.51 2.03 -44.67	70.28 2.07 -36.42	74.48 2.01 -41.06	138.88 1.95 -102.30	47.78 2.60 -2.82	55.66 3.55 0.00	169.11 9.80 0.00	36.56 2.06 -4.59	122.20 2.56 -78.92	157.91 2.90 -111.72	104.04 2.48 -65.76	87.90 2.68 -44.52	56.02 3.70 -0.04	94.21 3.54 -42.66	231.29 4.28 -170.05	234.23 4.69 -163.85	152.10 3.73 -92.27	91.15 4.48 -24.40	148.68 4.53 -72.12	172.14 6.60 -55.76	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT_IC_3 23706	34.37 1.97 -2.93	70.28 2.14 -35.78	77.51 2.03 -44.67	70.28 2.07 -36.42	74.48 2.01 -41.06	138.88 1.95 -102.30	47.78 2.60 -2.82	55.66 3.55 0.00	169.11 9.80 0.00	36.56 2.06 -4.59	122.20 2.56 -78.92	157.91 2.90 -111.72	104.04 2.48 -65.76	87.90 2.68 -44.52	56.02 3.70 -0.04	94.21 3.54 -42.66	231.29 4.28 -170.05	234.23 4.69 -163.85	152.10 3.73 -92.27	91.15 4.48 -24.40	148.68 4.53 -72.12	172.14 6.60 -55.76	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT_IC_4 23707	34.37 1.97 -2.93	70.28 2.14 -35.78	77.51 2.03 -44.67	70.28 2.07 -36.42	74.48 2.01 -41.06	138.88 1.95 -102.30	47.78 2.60 -2.82	55.66 3.55 0.00	169.11 9.80 0.00	36.56 2.06 -4.59	122.20 2.56 -78.92	157.91 2.90 -111.72	104.04 2.48 -65.76	87.90 2.68 -44.52	56.02 3.70 -0.04	94.21 3.54 -42.66	231.29 4.28 -170.05	234.23 4.69 -163.85	152.10 3.73 -92.27	91.15 4.48 -24.40	148.68 4.53 -72.12	172.14 6.60 -55.76	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT_IC_5 23708	34.37 1.97 -2.93	70.28 2.14 -35.78	77.51 2.03 -44.67	70.28 2.07 -36.42	74.48 2.01 -41.06	138.88 1.95 -102.30	47.78 2.60 -2.82	55.66 3.55 0.00	169.11 9.80 0.00	36.56 2.06 -4.59	122.20 2.56 -78.92	157.91 2.90 -111.72	104.04 2.48 -65.76	87.90 2.68 -44.52	56.02 3.70 -0.04	94.21 3.54 -42.66	231.29 4.28 -170.05	234.23 4.69 -163.85	152.10 3.73 -92.27	91.15 4.48 -24.40	148.68 4.53 -72.12	172.14 6.60 -55.76	55.42 2.76 -4.72	47.06 2.56 0.00

BARRETT_IC_6 23709	34.37 1.97 -2.93	70.28 2.14 -35.78	77.51 2.03 -44.67	70.28 2.07 -36.42	74.48 2.01 -41.06	138.88 1.95 -102.30	47.78 2.60 -2.82	55.66 3.55 0.00	169.11 9.80 0.00	36.56 2.06 -4.59	122.20 2.56 -78.92	157.91 2.90 -111.72	104.04 2.48 -65.76	87.90 2.68 -44.52	56.02 3.70 -0.04	94.21 3.54 -42.66	231.29 4.28 -170.05	234.23 4.69 -163.85	152.10 3.73 -92.27	91.15 4.48 -24.40	148.68 4.53 -72.12	172.14 6.60 -55.76	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT_IC_7 23710	34.37 1.97 -2.93	70.34 2.20 -35.78	77.52 2.04 -44.67	70.27 2.06 -36.42	74.48 2.01 -41.06	138.88 1.96 -102.30	47.78 2.60 -2.82	55.66 3.54 0.00	169.06 9.75 0.00	36.56 2.06 -4.59	122.20 2.56 -78.92	157.93 2.92 -111.72	104.06 2.50 -65.76	87.91 2.69 -44.52	56.01 3.70 -0.04	94.23 3.55 -42.66	231.31 4.30 -170.05	234.25 4.71 -163.85	152.11 3.74 -92.27	91.14 4.48 -24.40	148.68 4.52 -72.12	172.14 6.60 -55.76	55.42 2.76 -4.72	47.05 2.56 0.00
BARRETT_IC_8 23711	34.37 1.97 -2.93	70.28 2.14 -35.78	77.51 2.03 -44.67	70.28 2.07 -36.42	74.48 2.01 -41.06	138.88 1.95 -102.30	47.78 2.60 -2.82	55.66 3.55 0.00	169.11 9.80 0.00	36.56 2.06 -4.59	122.20 2.56 -78.92	157.91 2.90 -111.72	104.04 2.48 -65.76	87.90 2.68 -44.52	56.02 3.70 -0.04	94.21 3.54 -42.66	231.29 4.28 -170.05	234.23 4.69 -163.85	152.10 3.73 -92.27	91.15 4.48 -24.40	148.68 4.53 -72.12	172.14 6.60 -55.76	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT_IC_9 23700	34.37 1.97 -2.93	70.28 2.14 -35.78	70.28 2.03 -37.44	70.28 2.07 -36.42	68.91 2.01 -35.49	71.24 1.95 -34.66	45.94 2.60 -0.98	55.66 3.55 0.00	169.11 9.80 0.00	33.55 2.06 -1.58	65.97 2.56 -22.68	54.68 2.90 -8.49	60.74 2.48 -22.46	58.68 2.68 -15.29	55.99 3.70 -0.01	68.20 3.54 -16.65	119.68 4.28 -58.44	118.38 4.69 -48.00	47.67 3.73 12.16	83.15 4.48 -16.39	102.94 4.53 -26.38	142.80 6.60 -26.42	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT___1 23545	34.37 1.97 -2.93	70.28 2.14 -35.78	77.51 2.03 -44.67	70.28 2.07 -36.42	74.48 2.01 -41.06	138.88 1.95 -102.30	47.78 2.60 -2.82	55.66 3.55 0.00	169.11 9.80 0.00	36.56 2.06 -4.59	122.20 2.56 -78.92	157.91 2.90 -111.72	104.04 2.48 -65.76	87.90 2.68 -44.52	56.02 3.70 -0.04	94.21 3.54 -42.66	231.29 4.28 -170.05	234.24 4.69 -163.86	152.10 3.73 -92.27	91.16 4.48 -24.40	148.68 4.53 -72.12	172.15 6.60 -55.77	55.42 2.76 -4.72	47.06 2.56 0.00
BARRETT___2 23546	34.37 1.97 -2.93	70.28 2.14 -35.78	70.28 2.03 -37.44	70.28 2.07 -36.42	68.91 2.01 -35.49	71.24 1.95 -34.66	45.94 2.60 -0.98	55.66 3.55 0.00	169.11 9.80 0.00	33.55 2.06 -1.58	65.97 2.56 -22.68	54.68 2.90 -8.49	60.74 2.48 -22.46	58.68 2.68 -15.29	55.99 3.70 -0.01	68.20 3.54 -16.65	119.68 4.28 -58.44	118.38 4.69 -48.00	47.67 3.73 12.16	83.15 4.48 -16.39	102.94 4.53 -26.38	142.80 6.60 -26.42	55.42 2.76 -4.72	47.06 2.56 0.00
BATAVIA___115KV_TB1 55881	27.69 -1.80 0.00	30.41 -1.94 0.00	28.98 -1.83 0.00	30.06 -1.72 0.00	29.70 -1.70 0.00	33.00 -1.63 0.00	39.97 -2.38 0.00	49.68 -2.43 0.00	152.33 -6.97 0.00	28.69 -1.22 0.00	39.48 -1.25 0.00	41.53 -1.76 0.00	34.05 -1.75 0.00	38.32 -2.38 0.00	48.44 -3.84 0.00	44.42 -3.60 0.00	52.28 -4.68 0.00	59.51 -5.78 0.40	50.81 -4.55 0.74	58.73 -3.54 0.00	68.38 -3.66 0.00	104.48 -5.30 0.00	45.19 -2.75 0.00	42.44 -2.05 0.00
BAYONEEC___CTG1 323682	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00
BAYONEEC___CTG10 323750	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00
BAYONEEC___CTG2 323683	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00
BAYONEEC___CTG3 323684	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00
BAYONEEC___CTG4 323685	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00
BAYONEEC___CTG5 323686	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00
BAYONEEC___CTG6 323687	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00
BAYONEEC___CTG7 323688	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00

BAYONEEC___CTG8 323689	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00
BAYONEEC___CTG9 323749	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.33 1.55 0.00	32.89 1.47 0.00	36.20 1.56 0.00	44.82 2.27 -0.19	55.40 3.29 0.00	169.41 9.87 -0.22	35.01 1.89 -3.21	43.78 2.61 -0.45	46.72 3.05 -0.39	40.34 2.61 -1.93	43.72 2.86 -0.15	56.01 3.73 0.00	51.65 3.64 0.00	61.34 4.38 0.00	70.65 4.96 0.00	59.87 3.76 0.00	66.66 4.39 0.00	76.45 4.41 0.00	116.01 6.23 0.00	50.57 2.62 0.00	46.92 2.43 0.00
BEACON___LESR 323632	30.23 0.75 0.00	33.13 0.78 0.00	31.39 0.58 0.00	32.38 0.60 0.00	32.01 0.60 0.00	35.33 0.70 0.00	43.32 0.96 0.00	53.38 1.27 0.00	162.58 3.27 0.00	30.41 0.50 0.00	41.22 0.49 0.00	43.71 0.42 0.00	36.34 0.55 0.00	41.39 0.68 0.00	53.37 1.09 0.00	49.18 1.16 0.00	58.49 1.53 0.00	67.64 1.95 0.00	57.62 1.51 0.00	63.97 1.70 0.00	73.82 1.78 0.00	112.40 2.62 0.00	49.07 1.13 0.00	45.38 0.89 0.00
BEAVER RIVER___HYD 24048	28.96 -0.52 0.00	31.90 -0.45 0.00	30.43 -0.38 0.00	31.35 -0.43 0.00	31.00 -0.41 0.00	34.23 -0.40 0.00	42.01 -0.34 0.00	51.67 -0.45 0.00	157.92 -1.39 0.00	29.56 -0.35 0.00	40.22 -0.51 0.00	42.64 -0.65 0.00	35.20 -0.59 0.00	39.88 -0.83 0.00	51.22 -1.06 0.00	47.13 -0.89 0.00	56.17 -0.80 0.00	64.90 -0.79 0.00	55.70 -0.41 0.00	62.12 -0.15 0.00	71.99 -0.05 0.00	109.95 0.17 0.00	47.77 -0.17 0.00	44.21 -0.28 0.00
BEEBEE_GT_13 23619	27.89 -1.59 0.00	30.64 -1.71 0.00	29.19 -1.62 0.00	30.21 -1.57 0.00	29.86 -1.55 0.00	33.09 -1.54 0.00	40.21 -2.14 0.00	49.79 -2.33 0.00	152.52 -6.79 0.00	28.73 -1.18 0.00	39.41 -1.31 0.00	41.64 -1.65 0.00	34.28 -1.52 0.00	38.77 -1.94 0.00	49.28 -3.00 0.00	45.10 -2.92 0.00	53.22 -3.74 0.00	60.91 -4.57 0.22	51.83 -3.72 0.56	59.21 -3.07 0.00	68.68 -3.36 0.00	104.74 -5.04 0.00	45.39 -2.55 0.00	42.47 -2.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.38 1.91 0.00	34.38 2.03 0.00	32.63 1.82 0.00	33.60 1.81 0.00	33.25 1.83 -0.01	36.60 1.96 -0.01	46.95 2.68 -1.92	55.80 3.68 0.00	172.52 11.01 -2.21	44.63 2.18 -12.54	44.73 2.99 -1.02	47.64 3.47 -0.88	48.35 2.93 -9.62	45.38 3.22 -1.46	56.46 4.18 0.00	52.00 3.99 0.00	61.76 4.80 0.00	71.22 5.53 0.00	60.36 4.25 0.00	67.24 4.97 0.00	77.10 5.06 0.00	116.95 7.17 0.00	51.03 3.09 0.00	47.31 2.81 -0.01
BETHLEHEM___GRP 23843	29.86 0.38 0.00	32.71 0.35 0.00	31.06 0.25 0.00	32.00 0.21 0.00	31.59 0.19 0.00	34.80 0.17 0.00	42.64 0.29 0.00	52.58 0.47 0.00	159.99 0.67 0.00	30.00 0.09 0.00	40.60 -0.12 0.00	43.05 -0.24 0.00	35.80 0.00 0.00	40.77 0.06 0.00	52.62 0.34 0.00	48.39 0.37 0.00	57.49 0.53 0.00	66.39 0.70 0.00	56.57 0.47 0.00	62.83 0.56 0.00	72.43 0.39 0.00	110.36 0.58 0.00	48.29 0.35 0.00	44.70 0.21 0.00
BETHLEHEM___GS1 323560	29.86 0.38 0.00	32.71 0.35 0.00	31.06 0.26 0.00	32.00 0.21 0.00	31.60 0.19 0.00	34.80 0.17 0.00	42.64 0.29 0.00	52.58 0.47 0.00	159.99 0.68 0.00	30.00 0.09 0.00	40.60 -0.13 0.00	43.05 -0.24 0.00	35.80 0.00 0.00	40.77 0.06 0.00	52.62 0.34 0.00	48.39 0.37 0.00	57.49 0.53 0.00	66.39 0.70 0.00	56.57 0.47 0.00	62.83 0.56 0.00	72.43 0.39 0.00	110.36 0.58 0.00	48.29 0.35 0.00	44.70 0.21 0.00
BETHLEHEM___GS2 323561	29.86 0.38 0.00	32.71 0.35 0.00	31.06 0.26 0.00	32.00 0.21 0.00	31.60 0.19 0.00	34.80 0.17 0.00	42.64 0.29 0.00	52.58 0.47 0.00	159.99 0.68 0.00	30.00 0.09 0.00	40.60 -0.13 0.00	43.05 -0.24 0.00	35.80 0.00 0.00	40.77 0.06 0.00	52.62 0.34 0.00	48.39 0.37 0.00	57.49 0.53 0.00	66.39 0.70 0.00	56.57 0.47 0.00	62.83 0.56 0.00	72.43 0.39 0.00	110.36 0.58 0.00	48.29 0.35 0.00	44.70 0.21 0.00
BETHLEHEM___GS3 323562	29.86 0.38 0.00	32.71 0.35 0.00	31.06 0.26 0.00	32.00 0.21 0.00	31.60 0.19 0.00	34.80 0.17 0.00	42.64 0.29 0.00	52.58 0.47 0.00	159.99 0.68 0.00	30.00 0.09 0.00	40.60 -0.13 0.00	43.05 -0.24 0.00	35.80 0.00 0.00	40.77 0.06 0.00	52.62 0.34 0.00	48.39 0.37 0.00	57.49 0.53 0.00	66.39 0.70 0.00	56.57 0.47 0.00	62.83 0.56 0.00	72.43 0.39 0.00	110.36 0.58 0.00	48.29 0.35 0.00	44.70 0.21 0.00
BETHLEHEM___STEEL 23779	27.26 -2.22 0.00	30.02 -2.34 0.00	28.62 -2.19 0.00	29.70 -2.08 0.00	29.31 -2.10 0.00	32.50 -2.13 0.00	39.24 -3.11 0.00	48.72 -3.40 0.00	149.34 -9.97 0.00	28.20 -1.71 0.00	38.95 -1.77 0.00	40.99 -2.30 0.00	33.65 -2.15 0.00	37.95 -2.75 0.00	47.93 -4.35 0.00	43.76 -4.25 0.00	51.47 -5.50 0.00	58.36 -6.75 0.59	49.59 -5.50 1.01	57.71 -4.56 0.00	66.91 -5.12 0.00	102.45 -7.33 0.00	44.28 -3.66 0.00	41.72 -2.77 0.00
BETHLHEM_115KV_TB1 79974	29.92 0.44 0.00	32.77 0.42 0.00	31.14 0.33 0.00	32.07 0.29 0.00	31.68 0.27 0.00	34.88 0.25 0.00	42.74 0.39 0.00	52.71 0.59 0.00	160.43 1.12 0.00	30.09 0.17 0.00	40.73 0.01 0.00	43.24 -0.05 0.00	35.93 0.13 0.00	40.92 0.21 0.00	52.76 0.48 0.00	48.53 0.51 0.00	57.62 0.66 0.00	66.57 0.88 0.00	56.71 0.61 0.00	63.01 0.73 0.00	72.64 0.60 0.00	110.68 0.89 0.00	48.40 0.46 0.00	44.82 0.33 0.00
BETHPAGE_CC_5 323564	31.80 2.06 -0.26	36.34 2.28 -1.71	35.20 2.16 -2.24	36.32 2.20 -2.34	36.97 2.12 -3.44	44.90 2.10 -8.18	45.38 2.76 -0.26	55.88 3.76 0.00	169.73 10.42 0.00	32.44 2.13 -0.40	46.77 2.70 -3.35	54.81 3.15 -8.38	44.26 2.68 -5.78	47.57 2.96 -3.91	56.14 3.86 0.00	55.59 3.76 -3.81	76.53 4.61 -14.96	100.10 5.29 -29.11	90.46 4.23 -30.12	83.07 4.89 -15.90	89.93 5.01 -12.89	136.21 7.38 -19.04	56.54 3.05 -5.55	47.25 2.76 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.37 -2.11 0.00	30.13 -2.22 0.00	28.73 -2.08 0.00	29.82 -1.97 0.00	29.43 -1.99 0.00	32.63 -2.00 0.00	39.40 -2.95 0.00	48.93 -3.18 0.00	149.99 -9.32 0.00	28.33 -1.58 0.00	39.12 -1.61 0.00	41.17 -2.12 0.00	33.80 -2.00 0.00	38.15 -2.56 0.00	48.15 -4.13 0.00	43.97 -4.05 0.00	51.71 -5.26 0.00	58.67 -6.43 0.59	49.83 -5.24 1.03	57.98 -4.30 0.00	67.21 -4.83 0.00	102.89 -6.89 0.00	44.47 -3.47 0.00	41.89 -2.60 0.00
BINGHAMTON___COGEN 23790	29.24 -0.24 0.00	32.18 -0.17 0.00	30.64 -0.17 0.00	31.66 -0.13 0.00	31.25 -0.16 0.00	34.49 -0.14 0.00	42.15 -0.21 0.00	52.12 0.01 0.00	159.23 -0.08 0.00	29.93 0.02 0.00	40.91 0.19 0.00	43.39 0.10 0.00	35.76 -0.04 0.00	40.58 -0.12 0.00	51.90 -0.37 0.00	47.61 -0.41 0.00	56.32 -0.64 0.00	64.73 -0.70 0.25	54.98 -0.60 0.53	62.18 -0.09 0.00	71.58 -0.46 0.00	109.32 -0.46 0.00	47.49 -0.45 0.00	44.18 -0.31 0.00

BIXINCNT_115KV_LOAD 355685	27.86 -1.62 0.00	30.76 -1.60 0.00	29.33 -1.48 0.00	30.48 -1.31 0.00	30.07 -1.34 0.00	33.28 -1.35 0.00	40.19 -2.16 0.00	50.08 -2.03 0.00	153.73 -5.58 0.00	29.04 -0.87 0.00	40.06 -0.67 0.00	42.22 -1.07 0.00	34.68 -1.12 0.00	39.15 -1.56 0.00	49.38 -2.90 0.00	45.05 -2.97 0.00	52.79 -4.17 0.00	59.94 -5.13 0.63	50.71 -4.26 1.14	59.04 -3.23 0.00	68.38 -3.66 0.00	104.84 -4.94 0.00	45.24 -2.70 0.00	42.64 -1.85 0.00
BLACK RIVER___HYD 24047	28.98 -0.50 0.00	31.94 -0.41 0.00	30.45 -0.36 0.00	31.36 -0.43 0.00	31.02 -0.39 0.00	34.28 -0.35 0.00	42.15 -0.20 0.00	51.93 -0.18 0.00	158.56 -0.75 0.00	29.66 -0.26 0.00	40.36 -0.36 0.00	42.76 -0.52 0.00	35.31 -0.49 0.00	39.94 -0.77 0.00	51.26 -1.02 0.00	47.12 -0.90 0.00	56.28 -0.68 0.00	65.11 -0.58 0.00	55.86 -0.24 0.00	62.41 0.14 0.00	72.45 0.41 0.00	110.60 0.82 0.00	47.91 -0.03 0.00	44.30 -0.19 0.00
BLACKRVR_115KV_TB2 79977	28.98 -0.50 0.00	31.94 -0.42 0.00	30.45 -0.36 0.00	31.36 -0.43 0.00	31.02 -0.39 0.00	34.28 -0.35 0.00	42.15 -0.20 0.00	51.93 -0.19 0.00	158.55 -0.75 0.00	29.66 -0.26 0.00	40.36 -0.36 0.00	42.77 -0.52 0.00	35.30 -0.49 0.00	39.94 -0.77 0.00	51.26 -1.02 0.00	47.12 -0.90 0.00	56.29 -0.67 0.00	65.11 -0.59 0.00	55.86 -0.24 0.00	62.41 0.14 0.00	72.45 0.41 0.00	110.60 0.82 0.00	47.91 -0.03 0.00	44.30 -0.19 0.00
BLDWN_LI_69_KV_BK4 356085	32.49 2.13 -0.88	44.41 2.41 -9.65	45.15 2.22 -12.12	44.31 2.25 -10.28	45.81 2.19 -12.20	68.06 2.20 -31.24	46.12 2.87 -0.90	56.01 3.89 0.00	169.75 10.44 0.00	33.58 2.23 -1.44	65.00 2.81 -21.46	80.40 3.24 -33.87	59.17 2.75 -20.61	57.64 2.99 -13.95	56.23 3.95 -0.01	65.21 3.77 -13.42	114.80 4.52 -53.32	135.94 5.25 -65.00	109.88 4.23 -49.55	87.57 4.98 -20.32	106.41 5.13 -29.24	148.09 7.51 -30.80	57.33 3.21 -6.17	47.40 2.91 0.00
BLISS_WT_PWR 323608	27.84 -1.64 0.00	30.75 -1.60 0.00	29.32 -1.49 0.00	30.48 -1.31 0.00	30.07 -1.34 0.00	33.29 -1.34 0.00	40.19 -2.16 0.00	50.10 -2.01 0.00	153.80 -5.51 0.00	29.06 -0.86 0.00	40.09 -0.64 0.00	42.25 -1.04 0.00	34.69 -1.10 0.00	39.18 -1.53 0.00	49.43 -2.85 0.00	45.07 -2.95 0.00	52.80 -4.16 0.00	59.94 -5.12 0.63	50.71 -4.26 1.14	59.01 -3.26 0.00	68.35 -3.69 0.00	104.84 -4.94 0.00	45.24 -2.70 0.00	42.65 -1.84 0.00
BLUESTONE___WT_PWR 323821	30.59 1.11 0.00	33.63 1.28 0.00	32.00 1.19 0.00	33.06 1.28 0.00	32.66 1.25 0.00	36.09 1.46 0.00	43.98 1.63 0.00	54.78 2.67 0.00	174.38 15.07 0.00	32.68 2.77 0.00	44.41 3.68 0.00	46.81 3.52 0.00	38.43 2.63 0.00	43.70 2.99 0.00	55.99 3.71 0.00	50.19 2.18 0.00	58.34 1.38 0.00	67.48 1.61 -0.17	58.37 1.80 -0.47	64.93 2.65 0.00	75.05 3.02 0.00	114.67 4.89 0.00	49.32 1.38 0.00	46.00 1.51 0.00
BLUE_CIRC_CHEM_DRP 24182	30.22 0.74 0.00	33.13 0.77 0.00	31.49 0.68 0.00	32.46 0.67 0.00	32.04 0.63 0.00	35.28 0.65 0.00	43.18 0.83 0.00	53.09 0.97 0.00	161.89 2.58 0.00	30.27 0.36 0.00	41.11 0.39 0.00	43.77 0.48 0.00	36.24 0.44 0.00	41.22 0.51 0.00	53.04 0.76 0.00	48.84 0.82 0.00	58.08 1.12 0.00	67.10 1.41 0.00	57.26 1.15 0.00	63.69 1.41 0.00	73.40 1.36 0.00	111.89 2.11 0.00	48.93 0.99 0.00	45.33 0.84 0.00
BOC_GAS_DRP 24189	30.03 0.55 0.00	32.92 0.56 0.00	31.30 0.49 0.00	32.25 0.46 0.00	31.84 0.43 0.00	35.05 0.42 0.00	42.96 0.60 0.00	52.96 0.84 0.00	161.49 2.18 0.00	30.28 0.37 0.00	41.08 0.36 0.00	43.79 0.50 0.00	36.31 0.51 0.00	41.32 0.62 0.00	53.14 0.86 0.00	48.86 0.85 0.00	58.03 1.07 0.00	66.95 1.26 0.00	57.02 0.92 0.00	63.38 1.11 0.00	73.05 1.01 0.00	111.33 1.55 0.00	48.67 0.74 0.00	45.10 0.61 0.00
BOONVILLE_115KV_TB1 79983	29.67 0.19 0.00	32.63 0.27 0.00	31.08 0.27 0.00	32.03 0.24 0.00	31.65 0.24 0.00	34.93 0.30 0.00	42.87 0.52 0.00	52.80 0.68 0.00	161.25 1.94 0.00	30.25 0.34 0.00	41.15 0.42 0.00	43.68 0.39 0.00	36.05 0.25 0.00	40.88 0.18 0.00	52.53 0.25 0.00	48.37 0.35 0.00	57.47 0.51 0.00	66.50 0.80 0.00	56.93 0.82 0.00	63.42 1.15 0.00	73.30 1.27 0.00	111.76 1.98 0.00	48.61 0.67 0.00	45.02 0.53 0.00
BORALEX_4TH_BRANCH 23824	30.67 1.19 0.00	33.65 1.30 0.00	31.80 0.99 0.00	32.72 0.93 0.00	32.30 0.89 0.00	35.67 1.04 0.00	43.67 1.32 0.00	53.72 1.60 0.00	163.53 4.23 0.00	30.32 0.41 0.00	40.77 0.05 0.00	43.36 0.07 0.00	36.05 0.26 0.00	41.45 0.74 0.00	53.81 1.53 0.00	49.44 1.43 0.00	58.60 1.64 0.00	67.82 2.13 0.00	57.94 1.83 0.00	64.32 2.04 0.00	74.20 2.17 0.00	113.28 3.50 0.00	49.83 1.88 0.00	45.92 1.43 0.00
BOWLINE___1 23526	30.82 1.34 0.00	33.76 1.41 0.00	32.06 1.25 0.00	33.05 1.26 0.00	32.61 1.19 0.00	35.88 1.25 0.00	44.17 1.81 0.00	54.75 2.64 0.00	167.13 7.82 0.00	31.37 1.46 0.00	42.76 2.03 0.00	45.69 2.40 0.00	37.85 2.05 0.00	42.95 2.25 0.00	55.32 3.04 0.00	51.02 3.00 0.00	60.56 3.59 0.00	69.80 4.11 0.00	59.23 3.12 0.00	66.02 3.74 0.00	75.74 3.71 0.00	114.93 5.15 0.00	50.11 2.17 0.00	46.49 2.00 0.00
BOWLINE___2 23595	30.82 1.34 0.00	33.76 1.41 0.00	32.06 1.25 0.00	33.05 1.26 0.00	32.61 1.20 0.00	35.88 1.25 0.00	44.17 1.81 0.00	54.76 2.64 0.00	167.13 7.82 0.00	31.37 1.46 0.00	42.76 2.03 0.00	45.69 2.40 0.00	37.85 2.05 0.00	42.95 2.25 0.00	55.32 3.04 0.00	51.02 3.00 0.00	60.56 3.59 0.00	69.80 4.11 0.00	59.23 3.12 0.00	66.02 3.74 0.00	75.74 3.71 0.00	114.93 5.15 0.00	50.11 2.17 0.00	46.49 2.00 0.00
BRADY___115KV_TB2 356060	29.78 0.30 0.00	32.66 0.31 0.00	31.18 0.36 0.00	32.22 0.44 0.00	31.92 0.51 0.00	35.29 0.66 0.00	43.09 0.74 0.00	52.45 0.34 0.00	160.75 1.44 0.00	30.08 0.17 0.00	40.95 0.22 0.00	43.38 0.09 0.00	35.79 -0.01 0.00	40.71 0.00 0.00	52.24 -0.04 0.00	48.05 0.03 0.00	57.15 0.18 0.00	65.69 -0.01 0.00	56.61 0.51 0.00	62.86 0.59 0.00	73.04 1.00 0.00	111.34 1.56 0.00	48.78 0.84 0.00	45.23 0.74 0.00
BRANSCOMB___SOLAR 323811	30.67 1.19 0.00	33.58 1.22 0.00	31.83 1.02 0.00	32.79 1.00 0.00	32.42 1.00 0.00	35.79 1.16 0.00	43.95 1.60 0.00	54.15 2.04 0.00	165.04 5.73 0.00	30.81 0.89 0.00	41.74 1.02 0.00	44.39 1.11 0.00	36.77 0.97 0.00	42.04 1.34 0.00	54.23 1.95 0.00	49.76 1.74 0.00	58.95 1.99 0.00	68.13 2.44 0.00	58.31 2.20 0.00	64.90 2.62 0.00	74.92 2.88 0.00	114.24 4.46 0.00	49.93 1.99 0.00	46.08 1.59 0.00
BRDGHMPT_69_KV_BK1 55812	31.82 2.24 -0.10	34.52 2.47 0.30	33.33 2.58 0.06	35.16 3.06 -0.32	35.90 3.11 -1.38	41.34 3.27 -3.43	46.85 4.37 -0.13	57.77 5.66 0.00	175.15 15.84 0.00	33.28 3.19 -0.18	44.50 3.87 0.10	50.48 4.38 -2.81	42.08 3.67 -2.61	46.54 4.07 -1.77	57.51 5.23 0.00	54.76 5.04 -1.70	70.21 6.47 -6.77	92.84 7.78 -19.37	84.86 6.63 -22.12	83.04 7.83 -12.94	87.44 8.49 -6.92	136.08 12.61 -13.69	57.94 5.23 -4.77	49.01 4.52 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	32.08 2.48 -0.11	34.99 2.75 0.11	33.55 2.56 -0.17	34.91 2.61 -0.51	35.53 2.54 -1.58	41.17 2.55 -3.99	45.84 3.35 -0.14	56.59 4.48 0.00	171.92 12.61 0.00	32.65 2.53 -0.21	44.19 3.15 -0.31	50.43 3.68 -3.46	41.86 3.08 -2.98	46.12 3.40 -2.02	56.69 4.41 0.00	54.26 4.30 -1.94	69.98 5.30 -7.72	92.10 5.97 -20.44	83.88 4.83 -22.94	81.17 5.69 -13.21	85.42 5.92 -7.47	133.37 9.41 -14.18	56.67 3.89 -4.84	47.92 3.43 0.00
BRISTLHL_115KV_TB1 79998	28.50 -0.98 0.00	31.33 -1.02 0.00	29.84 -0.97 0.00	30.79 -0.99 0.00	30.43 -0.98 0.00	33.60 -1.03 0.00	41.08 -1.27 0.00	50.67 -1.44 0.00	154.79 -4.52 0.00	29.09 -0.82 0.00	39.61 -1.11 0.00	42.04 -1.24 0.00	34.71 -1.09 0.00	39.43 -1.28 0.00	50.55 -1.73 0.00	46.42 -1.60 0.00	55.03 -1.93 0.00	63.56 -2.13 0.00	54.24 -1.86 0.00	60.48 -1.79 0.00	69.95 -2.09 0.00	106.57 -3.21 0.00	46.39 -1.55 0.00	43.09 -1.41 0.00
BROOKHAVEN___DRP 24191	31.96 2.38 -0.10	34.65 2.60 0.31	33.23 2.48 0.06	34.68 2.58 -0.31	35.30 2.52 -1.37	40.57 2.52 -3.42	45.81 3.33 -0.13	56.47 4.35 0.00	171.44 12.13 0.00	32.58 2.49 -0.18	43.57 2.96 0.11	49.51 3.43 -2.79	41.31 2.92 -2.60	45.68 3.21 -1.76	56.42 4.14 0.00	53.76 4.05 -1.70	68.89 5.19 -6.74	91.17 6.14 -19.34	83.38 5.17 -22.10	81.32 6.12 -12.93	85.38 6.45 -6.90	132.97 9.52 -13.67	56.65 3.94 -4.77	47.90 3.40 0.00
BROOKLYN_NAVY_YARD 23515	31.10 1.62 0.00	34.03 1.68 0.00	32.28 1.47 0.00	33.23 1.45 0.01	32.78 1.38 0.01	36.09 1.46 0.00	44.50 2.15 0.00	55.30 3.19 0.00	168.87 9.56 0.00	31.75 1.83 0.00	43.39 2.56 -0.10	47.27 2.95 -1.03	38.59 2.57 -0.23	43.51 2.80 -0.01	55.93 3.65 0.00	51.57 3.55 0.00	61.23 4.27 0.00	71.12 4.84 -0.59	61.69 3.67 -1.92	66.56 4.28 0.00	76.32 4.29 0.00	115.81 6.03 0.00	50.46 2.52 0.00	46.82 2.33 0.00
BROOKLYN___ARMY_DRP 323595	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
BROOME_2_LFGE 323671	29.24 -0.24 0.00	32.18 -0.17 0.00	30.64 -0.17 0.00	31.66 -0.13 0.00	31.25 -0.16 0.00	34.48 -0.15 0.00	42.14 -0.21 0.00	52.12 0.01 0.00	159.23 -0.08 0.00	29.92 0.01 0.00	40.91 0.19 0.00	43.38 0.09 0.00	35.76 -0.04 0.00	40.59 -0.12 0.00	51.90 -0.37 0.00	47.61 -0.41 0.00	56.33 -0.64 0.00	64.74 -0.70 0.25	54.99 -0.59 0.53	62.18 -0.09 0.00	71.58 -0.46 0.00	109.33 -0.46 0.00	47.49 -0.45 0.00	44.18 -0.31 0.00
BROOME___LFGE 323600	29.24 -0.24 0.00	32.18 -0.17 0.00	30.64 -0.17 0.00	31.66 -0.13 0.00	31.25 -0.16 0.00	34.48 -0.15 0.00	42.14 -0.21 0.00	52.12 0.01 0.00	159.23 -0.08 0.00	29.92 0.01 0.00	40.91 0.19 0.00	43.38 0.09 0.00	35.76 -0.04 0.00	40.59 -0.12 0.00	51.90 -0.37 0.00	47.61 -0.41 0.00	56.33 -0.64 0.00	64.74 -0.70 0.25	54.99 -0.59 0.53	62.18 -0.09 0.00	71.58 -0.46 0.00	109.33 -0.46 0.00	47.49 -0.45 0.00	44.18 -0.31 0.00
BROWNFLS_115KV_TB 3_5 80003	28.72 -0.77 0.00	31.57 -0.78 0.00	30.13 -0.68 0.00	31.07 -0.71 0.00	30.76 -0.65 0.00	33.98 -0.65 0.00	41.62 -0.73 0.00	50.94 -1.17 0.00	155.90 -3.41 0.00	29.19 -0.72 0.00	39.72 -1.01 0.00	42.11 -1.18 0.00	34.78 -1.02 0.00	39.47 -1.23 0.00	50.70 -1.58 0.00	46.63 -1.39 0.00	55.56 -1.40 0.00	64.02 -1.68 0.00	55.03 -1.07 0.00	61.21 -1.07 0.00	70.99 -1.05 0.00	108.31 -1.47 0.00	47.27 -0.67 0.00	43.76 -0.72 0.00
BROWNSV1_27_KV_LOAD 356125	31.41 1.93 0.00	34.38 2.03 0.00	32.62 1.81 0.00	33.59 1.80 0.00	33.15 1.74 0.00	36.50 1.87 0.00	45.01 2.66 0.00	55.90 3.78 0.00	170.64 11.33 0.00	32.10 2.19 0.00	43.75 3.03 0.00	46.77 3.48 0.00	38.98 2.96 -0.22	43.98 3.27 0.00	56.54 4.26 0.00	52.15 4.13 0.00	61.93 4.97 0.00	71.33 5.64 0.00	60.45 4.34 0.00	67.33 5.06 0.00	77.23 5.19 0.00	117.16 7.37 0.00	51.04 3.10 0.00	47.33 2.85 0.00
BURROWS___LYONSDAL 23803	29.49 0.01 0.00	32.46 0.10 0.00	30.92 0.11 0.00	31.87 0.08 0.00	31.49 0.08 0.00	34.75 0.12 0.00	42.63 0.28 0.00	52.52 0.41 0.00	160.44 1.13 0.00	30.08 0.16 0.00	40.92 0.19 0.00	43.42 0.13 0.00	35.84 0.04 0.00	40.64 -0.07 0.00	52.21 -0.07 0.00	48.06 0.05 0.00	57.15 0.19 0.00	66.11 0.41 0.00	56.63 0.52 0.00	63.11 0.84 0.00	72.97 0.93 0.00	111.32 1.54 0.00	48.41 0.47 0.00	44.83 0.34 0.00
CAITHNESS_CC_1 323624	31.91 2.33 -0.10	34.57 2.53 0.31	33.21 2.47 0.07	34.64 2.55 -0.31	35.25 2.47 -1.37	40.46 2.43 -3.40	45.67 3.19 -0.13	56.29 4.18 0.00	171.02 11.71 0.00	32.50 2.41 -0.18	43.50 2.90 0.12	49.42 3.36 -2.78	41.25 2.86 -2.59	45.59 3.13 -1.75	56.31 4.03 0.00	53.67 3.96 -1.69	68.71 5.03 -6.72	90.94 5.94 -19.31	83.13 4.94 -22.08	81.04 5.85 -12.92	85.03 6.11 -6.88	132.49 9.05 -13.66	56.46 3.75 -4.76	47.75 3.26 0.00
CALPINE BETH_PAGE_GT4 24209	31.87 2.07 -0.32	37.21 2.31 -2.54	36.31 2.14 -3.36	37.14 2.18 -3.17	37.94 2.11 -4.42	48.47 2.10 -11.74	45.49 2.77 -0.36	55.87 3.75 0.00	169.65 10.34 0.00	32.60 2.12 -0.57	49.41 2.67 -6.02	58.81 3.14 -12.38	46.58 2.67 -8.12	49.14 2.94 -5.49	56.14 3.86 0.00	57.06 3.74 -5.30	82.55 4.59 -21.00	106.51 5.26 -35.55	94.67 4.19 -34.38	84.26 4.76 -17.22	92.38 4.87 -15.48	138.32 7.16 -21.39	56.80 2.95 -5.90	47.24 2.75 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.87 2.07 -0.32	37.19 2.29 -2.54	36.33 2.16 -3.36	37.16 2.20 -3.17	37.96 2.13 -4.42	48.47 2.10 -11.74	45.50 2.78 -0.36	55.87 3.75 0.00	169.64 10.34 0.00	32.59 2.12 -0.57	49.44 2.70 -6.02	58.81 3.15 -12.38	46.59 2.68 -8.12	49.15 2.96 -5.49	56.13 3.85 0.00	57.07 3.74 -5.30	82.55 4.59 -21.00	106.51 5.26 -35.55	94.66 4.17 -34.38	84.26 4.76 -17.22	92.38 4.87 -15.48	138.33 7.16 -21.39	56.80 2.95 -5.90	47.24 2.75 0.00
CALPINE_BP_GT1 23823	31.87 2.07 -0.32	37.19 2.29 -2.54	36.33 2.16 -3.36	37.16 2.20 -3.17	37.96 2.13 -4.42	48.47 2.10 -11.74	45.50 2.78 -0.36	55.87 3.75 0.00	169.64 10.34 0.00	32.59 2.12 -0.57	49.44 2.70 -6.02	58.81 3.15 -12.38	46.59 2.68 -8.12	49.15 2.96 -5.49	56.13 3.85 0.00	57.07 3.74 -5.30	82.55 4.59 -21.00	106.51 5.26 -35.55	94.66 4.17 -34.38	84.26 4.76 -17.22	92.38 4.87 -15.48	138.33 7.16 -21.39	56.80 2.95 -5.90	47.24 2.75 0.00
CALSPAN___DRP 24200	27.26 -2.22 0.00	30.02 -2.34 0.00	28.62 -2.19 0.00	29.70 -2.08 0.00	29.31 -2.10 0.00	32.50 -2.13 0.00	39.24 -3.11 0.00	48.72 -3.40 0.00	149.34 -9.97 0.00	28.20 -1.71 0.00	38.95 -1.77 0.00	40.99 -2.30 0.00	33.65 -2.15 0.00	37.95 -2.75 0.00	47.93 -4.35 0.00	43.76 -4.25 0.00	51.47 -5.50 0.00	58.36 -6.75 0.59	49.59 -5.50 1.01	57.71 -4.56 0.00	66.91 -5.12 0.00	102.45 -7.33 0.00	44.28 -3.66 0.00	41.72 -2.77 0.00

CALVERTON___SOLAR 323806	32.00 2.42 -0.10	34.66 2.61 0.31	33.33 2.58 0.06	34.82 2.72 -0.32	35.44 2.65 -1.38	40.71 2.66 -3.42	45.97 3.50 -0.13	56.64 4.53 0.00	171.98 12.67 0.00	32.67 2.58 -0.18	43.70 3.09 0.11	49.63 3.55 -2.80	41.41 3.01 -2.60	45.78 3.31 -1.76	56.55 4.27 0.00	53.89 4.17 -1.70	69.08 5.37 -6.75	91.42 6.38 -19.35	83.63 5.42 -22.11	81.61 6.41 -12.93	85.70 6.76 -6.90	133.50 10.04 -13.68	56.86 4.15 -4.77	48.08 3.59 0.00
CANDIGU_WT_PWR 323617	27.94 -1.54 0.00	30.90 -1.45 0.00	29.49 -1.32 0.00	30.55 -1.23 0.00	30.34 -1.07 0.00	33.59 -1.04 0.00	40.87 -1.49 0.00	50.76 -1.36 0.00	155.08 -4.23 0.00	29.21 -0.70 0.00	40.15 -0.58 0.00	42.29 -1.00 0.00	34.79 -1.01 0.00	39.32 -1.39 0.00	49.99 -2.29 0.00	45.74 -2.27 0.00	53.92 -3.05 0.00	61.14 -3.69 0.87	51.32 -2.93 1.86	60.11 -2.16 0.00	69.36 -2.68 0.00	106.12 -3.66 0.00	45.95 -1.99 0.00	43.00 -1.49 0.00
CARR STREET_E_SYR 24060	28.83 -0.65 0.00	31.70 -0.66 0.00	30.17 -0.64 0.00	31.15 -0.64 0.00	30.78 -0.63 0.00	33.97 -0.66 0.00	41.55 -0.80 0.00	51.27 -0.84 0.00	156.66 -2.65 0.00	29.46 -0.45 0.00	40.17 -0.56 0.00	42.62 -0.66 0.00	35.18 -0.62 0.00	39.93 -0.78 0.00	51.19 -1.09 0.00	47.00 -1.02 0.00	55.69 -1.27 0.00	64.25 -1.44 0.00	54.85 -1.26 0.00	61.22 -1.06 0.00	70.73 -1.30 0.00	107.81 -1.97 0.00	46.92 -1.02 0.00	43.60 -0.89 0.00
CARTHAGE___PAPER 23857	29.18 -0.30 0.00	32.16 -0.20 0.00	30.66 -0.14 0.00	31.59 -0.20 0.00	31.25 -0.16 0.00	34.53 -0.10 0.00	42.42 0.06 0.00	52.19 0.07 0.00	159.47 0.16 0.00	29.82 -0.10 0.00	40.56 -0.16 0.00	43.01 -0.28 0.00	35.49 -0.31 0.00	40.18 -0.53 0.00	51.61 -0.67 0.00	47.44 -0.58 0.00	56.62 -0.35 0.00	65.46 -0.23 0.00	56.19 0.08 0.00	62.74 0.47 0.00	72.78 0.74 0.00	111.08 1.30 0.00	48.21 0.27 0.00	44.59 0.09 0.00
CASSADAGA_WT_PWR 323784	28.13 -1.35 0.00	31.07 -1.29 0.00	29.53 -1.28 0.00	30.63 -1.15 0.00	30.11 -1.30 0.00	33.56 -1.07 0.00	40.90 -1.45 0.00	51.04 -1.08 0.00	156.55 -2.76 0.00	29.42 -0.49 0.00	40.62 -0.10 0.00	42.85 -0.44 0.00	35.21 -0.59 0.00	39.68 -1.03 0.00	49.97 -2.31 0.00	45.36 -2.66 0.00	53.22 -3.74 0.00	60.27 -4.80 0.63	50.83 -4.16 1.13	59.42 -2.85 0.00	68.78 -3.25 0.00	105.22 -4.56 0.00	45.20 -2.74 0.00	42.29 -2.20 0.00
CE_DUNWOOD___DRP 24194	31.02 1.55 0.00	33.98 1.62 0.00	32.25 1.44 0.00	33.24 1.45 0.00	32.80 1.39 0.00	36.09 1.46 0.00	44.44 2.09 0.00	55.11 3.00 0.00	168.20 8.89 0.00	31.60 1.69 0.00	43.04 2.31 0.00	45.98 2.69 0.00	38.16 2.31 -0.05	43.26 2.56 0.00	55.68 3.40 0.00	51.34 3.32 0.00	60.97 4.01 0.00	70.26 4.57 0.00	59.61 3.50 0.00	66.39 4.12 0.00	76.19 4.15 0.00	115.67 5.89 0.00	50.41 2.46 0.00	46.75 2.26 0.00
CE_MILLWOOD___DRP 24193	30.94 1.46 0.00	33.88 1.53 0.00	32.17 1.36 0.00	33.15 1.36 0.00	32.72 1.31 0.00	36.01 1.38 0.00	44.32 1.97 0.00	54.96 2.84 0.00	167.72 8.42 0.00	31.49 1.58 0.00	42.89 2.16 0.00	45.83 2.54 0.00	37.97 2.18 0.00	43.11 2.40 0.00	55.50 3.22 0.00	51.15 3.13 0.00	60.76 3.80 0.00	70.04 4.35 0.00	59.42 3.32 0.00	66.19 3.92 0.00	75.96 3.92 0.00	115.33 5.55 0.00	50.26 2.33 0.00	46.62 2.13 0.00
CE_NYC2_DRP 24202	31.23 1.74 0.00	34.18 1.83 0.00	32.44 1.63 0.00	33.40 1.61 0.00	32.97 1.56 0.00	36.28 1.65 0.00	44.71 2.36 0.00	55.49 3.38 0.00	169.42 10.11 0.00	31.91 2.00 0.00	43.44 2.72 0.00	46.48 3.19 0.00	38.72 2.69 -0.22	43.67 2.96 0.00	56.18 3.90 0.00	51.78 3.76 0.00	61.48 4.52 0.00	70.84 5.15 0.00	60.04 3.93 0.00	66.80 4.53 0.00	76.61 4.57 0.00	116.25 6.47 0.00	50.66 2.72 0.00	46.99 2.50 0.00
CE_NYC_DRP 24195	31.22 1.74 0.00	34.18 1.83 0.00	32.44 1.63 0.00	33.41 1.63 0.00	32.97 1.56 0.00	36.30 1.67 0.00	44.73 2.38 0.00	55.56 3.44 0.00	169.66 10.35 0.00	32.41 1.99 -0.51	43.56 2.75 -0.09	46.54 3.18 -0.08	38.93 2.71 -0.41	43.70 3.00 0.00	56.19 3.91 0.00	51.82 3.80 0.00	61.54 4.57 0.00	70.87 5.18 0.00	60.05 3.94 0.00	66.87 4.59 0.00	76.67 4.63 0.00	116.35 6.57 0.00	50.68 2.74 0.00	47.02 2.53 0.00
CHAFFEE___LFGE 323603	27.43 -2.05 0.00	30.19 -2.16 0.00	28.78 -2.03 0.00	29.87 -1.92 0.00	29.48 -1.93 0.00	32.68 -1.95 0.00	39.49 -2.86 0.00	49.04 -3.08 0.00	150.36 -8.95 0.00	28.39 -1.52 0.00	39.21 -1.51 0.00	41.25 -2.04 0.00	33.83 -1.97 0.00	38.19 -2.51 0.00	48.23 -4.05 0.00	44.03 -3.99 0.00	51.81 -5.16 0.00	58.78 -6.31 0.61	49.92 -5.11 1.08	58.14 -4.13 0.00	67.39 -4.65 0.00	103.14 -6.64 0.00	44.57 -3.37 0.00	42.00 -2.50 0.00
CHATEAUG_35_KV_LOAD 355732	29.72 0.24 0.00	32.61 0.26 0.00	31.13 0.32 0.00	32.17 0.38 0.00	31.85 0.44 0.00	35.20 0.57 0.00	42.95 0.59 0.00	52.48 0.37 0.00	160.60 1.30 0.00	30.03 0.12 0.00	40.95 0.22 0.00	43.47 0.18 0.00	35.98 0.18 0.00	40.97 0.26 0.00	52.49 0.22 0.00	48.11 0.10 0.00	57.16 0.20 0.00	65.95 0.26 0.00	56.74 0.63 0.00	62.94 0.67 0.00	73.06 1.02 0.00	111.24 1.46 0.00	48.62 0.68 0.00	45.03 0.54 0.00
CHATEAUG_WT_PWR 323614	29.66 0.18 0.00	32.55 0.20 0.00	31.06 0.25 0.00	32.10 0.31 0.00	31.78 0.37 0.00	35.12 0.49 0.00	42.81 0.46 0.00	52.38 0.27 0.00	160.37 1.06 0.00	30.00 0.09 0.00	40.91 0.19 0.00	43.46 0.17 0.00	35.95 0.15 0.00	40.96 0.26 0.00	52.50 0.22 0.00	48.12 0.10 0.00	57.11 0.15 0.00	65.88 0.19 0.00	56.61 0.51 0.00	62.81 0.54 0.00	72.85 0.81 0.00	110.92 1.14 0.00	48.51 0.57 0.00	44.93 0.44 0.00
CHAT_HIGH_FALL_HYD 323578	29.72 0.24 0.00	32.61 0.26 0.00	31.13 0.32 0.00	32.17 0.38 0.00	31.85 0.44 0.00	35.20 0.57 0.00	42.95 0.59 0.00	52.48 0.37 0.00	160.60 1.30 0.00	30.03 0.12 0.00	40.95 0.22 0.00	43.47 0.18 0.00	35.98 0.18 0.00	40.97 0.26 0.00	52.49 0.22 0.00	48.11 0.10 0.00	57.16 0.20 0.00	65.95 0.26 0.00	56.74 0.63 0.00	62.94 0.67 0.00	73.06 1.02 0.00	111.24 1.46 0.00	48.62 0.68 0.00	45.03 0.54 0.00
CHAUTAUQUA___LFGE 323629	27.82 -1.67 0.00	30.72 -1.63 0.00	29.22 -1.59 0.00	30.32 -1.46 0.00	29.85 -1.56 0.00	33.18 -1.45 0.00	40.19 -2.16 0.00	49.95 -2.16 0.00	153.13 -6.18 0.00	28.82 -1.09 0.00	39.86 -0.86 0.00	41.98 -1.31 0.00	34.44 -1.36 0.00	38.84 -1.87 0.00	49.03 -3.25 0.00	44.69 -3.33 0.00	52.49 -4.47 0.00	59.65 -5.43 0.61	50.47 -4.57 1.07	58.90 -3.37 0.00	68.01 -4.02 0.00	104.26 -5.52 0.00	44.88 -3.06 0.00	42.14 -2.35 0.00
CHERRYST_13_KV_LD 356241	31.30 1.82 0.00	34.27 1.92 0.00	32.53 1.72 0.00	33.49 1.70 0.00	33.06 1.65 0.00	36.39 1.76 0.00	44.88 2.52 0.00	55.74 3.62 0.00	170.23 10.92 0.00	32.02 2.11 0.00	43.63 2.91 0.00	46.64 3.35 0.00	38.88 2.87 -0.22	43.87 3.16 0.00	56.40 4.12 0.00	52.02 4.00 0.00	61.77 4.81 0.00	71.12 5.43 0.00	60.25 4.14 0.00	67.07 4.79 0.00	76.90 4.87 0.00	116.68 6.90 0.00	50.82 2.88 0.00	47.15 2.66 0.00

CHESTROR_138KV_BK263 355645	30.71 1.23 0.00	33.64 1.29 0.00	31.95 1.14 0.00	32.94 1.16 0.00	32.51 1.11 0.00	35.79 1.16 0.00	44.01 1.66 0.00	54.51 2.39 0.00	166.26 6.95 0.00	31.20 1.29 0.00	42.50 1.77 0.00	45.39 2.11 0.00	37.58 1.79 0.00	42.70 1.99 0.00	55.03 2.75 0.00	50.68 2.66 0.00	60.15 3.19 0.00	69.39 3.70 0.00	58.95 2.85 0.00	65.67 3.40 0.00	75.41 3.37 0.00	114.56 4.77 0.00	49.94 2.00 0.00	46.31 1.82 0.00
CH_MIDHUDSON___DRP 24192	30.94 1.46 0.00	33.89 1.54 0.00	32.19 1.38 0.00	33.17 1.39 0.00	32.74 1.33 0.00	36.04 1.41 0.00	44.33 1.98 0.00	54.92 2.81 0.00	167.57 8.26 0.00	31.44 1.53 0.00	42.78 2.06 0.00	45.69 2.40 0.00	37.86 2.06 0.00	43.01 2.30 0.00	55.39 3.12 0.00	51.07 3.06 0.00	60.67 3.71 0.00	69.93 4.24 0.00	59.40 3.30 0.00	66.15 3.88 0.00	75.98 3.94 0.00	115.42 5.63 0.00	50.30 2.36 0.00	46.61 2.12 0.00
CH_MISC_IPPS 23765	31.07 1.59 0.00	34.03 1.67 0.00	32.31 1.50 0.00	33.31 1.52 0.00	32.87 1.46 0.00	36.19 1.56 0.00	44.53 2.17 0.00	55.17 3.06 0.00	168.33 9.02 0.00	31.57 1.66 0.00	42.98 2.26 0.00	45.91 2.62 0.00	38.05 2.25 0.00	43.23 2.52 0.00	55.66 3.39 0.00	51.37 3.35 0.00	60.99 4.03 0.00	70.31 4.62 0.00	59.73 3.62 0.00	66.55 4.27 0.00	76.41 4.37 0.00	116.00 6.23 0.00	50.54 2.60 0.00	46.82 2.33 0.00
CH_RES_BVR_FALLS 23983	29.38 -0.10 0.00	32.27 -0.08 0.00	30.80 -0.01 0.00	31.79 0.01 0.00	31.44 0.03 0.00	34.68 0.05 0.00	42.31 -0.04 0.00	51.81 -0.31 0.00	158.59 -0.71 0.00	29.76 -0.15 0.00	40.57 -0.15 0.00	43.09 -0.19 0.00	35.63 -0.16 0.00	40.54 -0.16 0.00	52.03 -0.25 0.00	47.73 -0.29 0.00	56.62 -0.34 0.00	65.25 -0.44 0.00	56.01 -0.10 0.00	62.05 -0.22 0.00	71.87 -0.17 0.00	109.55 -0.23 0.00	47.87 -0.07 0.00	44.45 -0.04 0.00
CH_RES_NIAGARA 23895	26.27 -3.21 0.00	28.87 -3.49 0.00	27.55 -3.26 0.00	28.60 -3.19 0.00	28.38 -3.03 0.00	31.52 -3.12 0.00	37.91 -4.45 0.00	46.95 -5.17 0.00	143.99 -15.32 0.00	27.19 -2.73 0.00	37.57 -3.16 0.00	39.53 -3.76 0.00	32.45 -3.35 0.00	36.59 -4.11 0.00	46.14 -6.14 0.00	42.13 -5.88 0.00	49.56 -7.41 0.00	55.99 -9.16 0.54	47.57 -7.67 0.87	55.27 -7.00 0.00	64.27 -7.77 0.00	98.26 -11.52 0.00	42.59 -5.35 0.00	40.32 -4.17 0.00
CH_RES_SYRACUSE 23985	28.90 -0.58 0.00	31.77 -0.58 0.00	30.23 -0.58 0.00	31.22 -0.57 0.00	30.85 -0.56 0.00	34.06 -0.57 0.00	41.67 -0.68 0.00	51.36 -0.75 0.00	156.97 -2.34 0.00	29.50 -0.41 0.00	40.20 -0.52 0.00	42.65 -0.64 0.00	35.19 -0.61 0.00	39.98 -0.73 0.00	51.28 -1.00 0.00	47.10 -0.92 0.00	55.81 -1.15 0.00	64.45 -1.25 0.00	55.01 -1.09 0.00	61.42 -0.86 0.00	70.98 -1.06 0.00	108.20 -1.58 0.00	47.08 -0.86 0.00	43.73 -0.76 0.00
CLINTON_WT_PWR 323605	29.66 0.18 0.00	32.55 0.20 0.00	31.06 0.25 0.00	32.10 0.31 0.00	31.78 0.37 0.00	35.12 0.49 0.00	42.81 0.46 0.00	52.38 0.27 0.00	160.37 1.06 0.00	30.00 0.09 0.00	40.91 0.19 0.00	43.46 0.17 0.00	35.95 0.15 0.00	40.96 0.26 0.00	52.50 0.22 0.00	48.12 0.10 0.00	57.11 0.15 0.00	65.88 0.19 0.00	56.61 0.51 0.00	62.81 0.54 0.00	72.85 0.81 0.00	110.92 1.14 0.00	48.51 0.57 0.00	44.93 0.44 0.00
CLINTON___LFGE 323618	30.24 0.75 0.00	33.13 0.77 0.00	31.58 0.77 0.00	32.67 0.88 0.00	32.36 0.95 0.00	35.88 1.25 0.00	43.69 1.34 0.00	53.67 1.55 0.00	164.20 4.89 0.00	30.66 0.75 0.00	41.78 1.06 0.00	44.42 1.13 0.00	36.75 0.95 0.00	41.92 1.22 0.00	53.67 1.39 0.00	49.07 1.05 0.00	58.30 1.34 0.00	67.44 1.75 0.00	57.83 1.72 0.00	64.43 2.16 0.00	74.63 2.59 0.00	113.70 3.92 0.00	49.75 1.80 0.00	45.87 1.39 0.00
COBBLENY_34_KV_TB1 80064	27.43 -2.05 0.00	30.20 -2.15 0.00	28.78 -2.03 0.00	29.87 -1.92 0.00	29.48 -1.93 0.00	32.68 -1.95 0.00	39.49 -2.86 0.00	49.04 -3.08 0.00	150.36 -8.95 0.00	28.39 -1.53 0.00	39.22 -1.51 0.00	41.25 -2.04 0.00	33.85 -1.95 0.00	38.19 -2.51 0.00	48.23 -4.05 0.00	44.04 -3.98 0.00	51.80 -5.16 0.00	58.77 -6.31 0.61	49.91 -5.12 1.08	58.14 -4.13 0.00	67.39 -4.64 0.00	103.14 -6.64 0.00	44.57 -3.38 0.00	42.01 -2.49 0.00
COFFEEN___115KV_TB3 355620	29.06 -0.42 0.00	32.03 -0.33 0.00	30.53 -0.28 0.00	31.44 -0.34 0.00	31.11 -0.30 0.00	34.39 -0.24 0.00	42.33 -0.03 0.00	52.16 0.04 0.00	159.19 -0.12 0.00	29.76 -0.15 0.00	40.49 -0.24 0.00	42.89 -0.40 0.00	35.40 -0.40 0.00	40.02 -0.68 0.00	51.37 -0.91 0.00	47.21 -0.81 0.00	56.45 -0.51 0.00	65.32 -0.38 0.00	56.07 -0.04 0.00	62.69 0.42 0.00	72.79 0.75 0.00	111.08 1.30 0.00	48.08 0.14 0.00	44.43 -0.06 0.00
COLDSPRG_115KV_BK1 355956	28.50 -0.98 0.00	31.47 -0.88 0.00	29.95 -0.86 0.00	31.09 -0.70 0.00	30.62 -0.79 0.00	33.98 -0.66 0.00	41.22 -1.13 0.00	51.48 -0.63 0.00	158.00 -1.30 0.00	29.78 -0.14 0.00	41.14 0.42 0.00	43.39 0.10 0.00	35.62 -0.18 0.00	40.17 -0.54 0.00	50.62 -1.65 0.00	46.08 -1.93 0.00	53.95 -3.01 0.00	61.22 -3.82 0.65	51.69 -3.21 1.21	60.45 -1.82 0.00	69.81 -2.23 0.00	106.87 -2.91 0.00	46.02 -1.93 0.00	43.18 -1.31 0.00
COLONIE_LFGE___ 323577	30.37 0.89 0.00	33.27 0.92 0.00	31.54 0.73 0.00	32.48 0.69 0.00	32.09 0.68 0.00	35.40 0.77 0.00	43.40 1.05 0.00	53.48 1.36 0.00	162.99 3.68 0.00	30.41 0.50 0.00	41.13 0.40 0.00	43.73 0.44 0.00	36.28 0.48 0.00	41.47 0.77 0.00	53.61 1.33 0.00	49.23 1.21 0.00	58.36 1.40 0.00	67.46 1.77 0.00	57.58 1.48 0.00	64.01 1.74 0.00	73.84 1.80 0.00	112.62 2.84 0.00	49.33 1.39 0.00	45.55 1.06 0.00
COOPERNY_115KV_TB1 80082	30.37 0.89 0.00	33.30 0.95 0.00	31.66 0.85 0.00	32.65 0.86 0.00	32.23 0.82 0.00	35.48 0.85 0.00	43.57 1.22 0.00	53.89 1.78 0.00	164.52 5.22 0.00	30.88 0.97 0.00	42.06 1.33 0.00	44.84 1.55 0.00	37.11 1.31 0.00	42.14 1.44 0.00	54.23 1.95 0.00	49.93 1.91 0.00	59.28 2.32 0.00	68.35 2.66 0.00	58.13 2.02 0.00	64.76 2.48 0.00	74.46 2.42 0.00	113.24 3.46 0.00	49.38 1.44 0.00	45.82 1.33 0.00
COPENHAGEN_WT_PWR 323753	28.87 -0.61 0.00	31.83 -0.52 0.00	30.35 -0.46 0.00	31.25 -0.54 0.00	30.90 -0.51 0.00	34.11 -0.52 0.00	41.91 -0.44 0.00	51.65 -0.46 0.00	157.75 -1.56 0.00	29.53 -0.38 0.00	40.21 -0.52 0.00	42.61 -0.67 0.00	35.18 -0.61 0.00	39.82 -0.89 0.00	51.08 -1.20 0.00	46.97 -1.05 0.00	56.06 -0.90 0.00	64.82 -0.87 0.00	55.58 -0.52 0.00	62.07 -0.19 0.00	72.06 0.02 0.00	110.08 0.30 0.00	47.70 -0.24 0.00	44.12 -0.37 0.00
CORNELL_____ 23752	29.63 0.15 0.00	32.57 0.22 0.00	30.98 0.17 0.00	32.02 0.23 0.00	31.62 0.22 0.00	34.93 0.30 0.00	42.78 0.42 0.00	52.90 0.79 0.00	161.98 2.67 0.00	30.36 0.45 0.00	41.42 0.70 0.00	43.82 0.53 0.00	36.07 0.27 0.00	40.98 0.27 0.00	52.46 0.18 0.00	48.09 0.07 0.00	57.06 0.10 0.00	67.84 0.25 -1.89	60.99 0.35 -4.53	63.33 1.06 0.00	73.07 1.03 0.00	111.41 1.63 0.00	48.36 0.41 0.00	44.91 0.42 0.00

CORONA_69_KV_TB1 355595	33.96 2.16 -2.32	62.81 2.38 -28.09	68.25 2.23 -35.21	62.76 2.26 -28.72	66.26 2.19 -32.66	123.37 2.20 -86.53	47.67 2.89 -2.43	56.04 3.93 0.00	170.40 11.09 0.00	36.09 2.26 -3.92	108.41 2.92 -64.76	141.92 3.35 -95.27	94.89 2.84 -56.25	81.87 3.09 -38.07	56.43 4.12 -0.03	88.48 3.99 -36.47	207.26 4.84 -145.46	224.14 5.42 -153.02	159.24 4.34 -98.80	98.15 5.15 -30.73	132.78 5.35 -55.39	169.72 7.85 -52.09	59.78 3.22 -8.62	47.44 2.94 0.00
CORTLAND_115KV_TB3 80093	29.44 -0.04 0.00	32.37 0.01 0.00	30.81 -0.01 0.00	31.82 0.03 0.00	31.42 0.01 0.00	34.69 0.06 0.00	42.46 0.11 0.00	52.48 0.37 0.00	160.42 1.11 0.00	30.13 0.22 0.00	41.08 0.36 0.00	43.54 0.25 0.00	35.87 0.07 0.00	40.74 0.04 0.00	52.18 -0.10 0.00	47.90 -0.12 0.00	56.81 -0.15 0.00	66.15 -0.04 -0.51	57.35 0.01 -1.23	62.76 0.48 0.00	72.35 0.31 0.00	110.33 0.55 0.00	47.96 0.02 0.00	44.54 0.04 0.00
COXSACKIE___GT 23611	30.88 1.40 0.00	33.80 1.45 0.00	32.10 1.29 0.00	33.09 1.30 0.00	32.68 1.27 0.00	36.06 1.43 0.00	44.28 1.93 0.00	54.45 2.33 0.00	165.64 6.33 0.00	30.84 0.92 0.00	42.18 1.45 0.00	44.95 1.66 0.00	37.12 1.32 0.00	42.15 1.45 0.00	54.19 1.91 0.00	49.96 1.94 0.00	59.39 2.43 0.00	68.92 3.23 0.00	58.91 2.80 0.00	65.74 3.47 0.00	75.78 3.74 0.00	115.26 5.48 0.00	50.26 2.32 0.00	46.41 1.92 0.00
CPV_VALLEY___CC1 323721	30.59 1.11 0.00	33.53 1.18 0.00	31.85 1.04 0.00	32.83 1.05 0.00	32.40 0.99 0.00	35.67 1.04 0.00	43.85 1.50 0.00	54.29 2.18 0.00	165.73 6.42 0.00	31.10 1.19 0.00	42.37 1.65 0.00	45.22 1.93 0.00	37.45 1.65 0.00	42.52 1.82 0.00	54.73 2.45 0.00	50.43 2.41 0.00	59.86 2.90 0.00	69.03 3.34 0.00	58.66 2.55 0.00	65.34 3.07 0.00	75.05 3.02 0.00	114.02 4.24 0.00	49.73 1.78 0.00	46.12 1.63 0.00
CPV_VALLEY___CC2 323722	30.59 1.11 0.00	33.53 1.18 0.00	31.85 1.04 0.00	32.83 1.05 0.00	32.40 0.99 0.00	35.67 1.04 0.00	43.85 1.50 0.00	54.29 2.18 0.00	165.73 6.42 0.00	31.10 1.19 0.00	42.37 1.65 0.00	45.22 1.93 0.00	37.45 1.65 0.00	42.52 1.82 0.00	54.73 2.45 0.00	50.43 2.41 0.00	59.86 2.90 0.00	69.03 3.34 0.00	58.66 2.55 0.00	65.34 3.07 0.00	75.05 3.02 0.00	114.02 4.24 0.00	49.73 1.78 0.00	46.12 1.63 0.00
CRESCENT___HYD 24018	30.37 0.89 0.00	33.27 0.92 0.00	31.54 0.73 0.00	32.48 0.69 0.00	32.09 0.68 0.00	35.40 0.77 0.00	43.40 1.05 0.00	53.48 1.36 0.00	162.99 3.68 0.00	30.41 0.50 0.00	41.13 0.40 0.00	43.73 0.44 0.00	36.28 0.48 0.00	41.47 0.77 0.00	53.61 1.33 0.00	49.23 1.21 0.00	58.36 1.40 0.00	67.46 1.77 0.00	57.58 1.48 0.00	64.01 1.74 0.00	73.84 1.80 0.00	112.62 2.84 0.00	49.33 1.39 0.00	45.55 1.06 0.00
CRICKET___VALLEY_CC1 323756	30.80 1.33 0.00	33.74 1.38 0.00	32.04 1.23 0.00	33.02 1.24 0.00	32.59 1.18 0.00	35.87 1.24 0.00	44.11 1.76 0.00	54.64 2.53 0.00	166.71 7.40 0.00	31.31 1.40 0.00	42.61 1.88 0.00	45.49 2.20 0.00	37.70 1.90 0.00	42.82 2.11 0.00	55.13 2.85 0.00	50.79 2.77 0.00	60.33 3.36 0.00	69.53 3.84 0.00	59.03 2.92 0.00	65.73 3.46 0.00	75.49 3.45 0.00	114.68 4.90 0.00	50.02 2.08 0.00	46.38 1.89 0.00
CRICKET___VALLEY_CC2 323757	30.80 1.33 0.00	33.74 1.38 0.00	32.04 1.23 0.00	33.02 1.24 0.00	32.59 1.18 0.00	35.87 1.24 0.00	44.11 1.76 0.00	54.64 2.53 0.00	166.71 7.40 0.00	31.31 1.40 0.00	42.61 1.88 0.00	45.49 2.20 0.00	37.70 1.90 0.00	42.82 2.11 0.00	55.13 2.85 0.00	50.79 2.77 0.00	60.33 3.36 0.00	69.53 3.84 0.00	59.03 2.92 0.00	65.73 3.46 0.00	75.49 3.45 0.00	114.68 4.90 0.00	50.02 2.08 0.00	46.38 1.89 0.00
CRICKET___VALLEY_CC3 323758	30.80 1.33 0.00	33.74 1.38 0.00	32.04 1.23 0.00	33.02 1.24 0.00	32.59 1.18 0.00	35.87 1.24 0.00	44.11 1.76 0.00	54.64 2.53 0.00	166.71 7.40 0.00	31.31 1.40 0.00	42.61 1.88 0.00	45.49 2.20 0.00	37.70 1.90 0.00	42.82 2.11 0.00	55.13 2.85 0.00	50.79 2.77 0.00	60.33 3.36 0.00	69.53 3.84 0.00	59.03 2.92 0.00	65.73 3.46 0.00	75.49 3.45 0.00	114.68 4.90 0.00	50.02 2.08 0.00	46.38 1.89 0.00
CRUCIBLE_METL_DRP 24180	28.90 -0.58 0.00	31.77 -0.58 0.00	30.23 -0.58 0.00	31.22 -0.57 0.00	30.85 -0.56 0.00	34.06 -0.57 0.00	41.67 -0.68 0.00	51.36 -0.75 0.00	156.97 -2.34 0.00	29.50 -0.41 0.00	40.20 -0.52 0.00	42.65 -0.64 0.00	35.20 -0.61 0.00	39.97 -0.73 0.00	51.28 -1.00 0.00	47.10 -0.92 0.00	55.81 -1.15 0.00	64.45 -1.25 0.00	55.01 -1.09 0.00	61.42 -0.85 0.00	70.98 -1.06 0.00	108.20 -1.58 0.00	47.08 -0.86 0.00	43.73 -0.76 0.00
DAHOWA___HYDRO 323763	30.75 1.27 0.00	33.65 1.29 0.00	31.89 1.08 0.00	32.84 1.05 0.00	32.48 1.07 0.00	35.88 1.25 0.00	44.09 1.74 0.00	54.33 2.22 0.00	165.62 6.31 0.00	30.90 0.99 0.00	41.88 1.16 0.00	44.59 1.31 0.00	36.95 1.15 0.00	42.26 1.55 0.00	54.43 2.15 0.00	49.92 1.90 0.00	59.11 2.15 0.00	68.34 2.65 0.00	58.50 2.40 0.00	65.14 2.87 0.00	75.21 3.17 0.00	114.66 4.88 0.00	50.11 2.17 0.00	46.20 1.71 0.00
DANC___LFGE 323619	28.68 -0.80 0.00	31.59 -0.77 0.00	30.10 -0.71 0.00	31.02 -0.76 0.00	30.67 -0.74 0.00	33.86 -0.77 0.00	41.54 -0.82 0.00	51.20 -0.92 0.00	156.35 -2.96 0.00	29.31 -0.60 0.00	39.91 -0.82 0.00	42.32 -0.97 0.00	34.93 -0.87 0.00	39.58 -1.13 0.00	50.78 -1.50 0.00	46.68 -1.34 0.00	55.57 -1.39 0.00	64.21 -1.48 0.00	54.98 -1.12 0.00	61.38 -0.89 0.00	71.15 -0.88 0.00	108.56 -1.22 0.00	47.13 -0.81 0.00	43.66 -0.83 0.00
DANSKAMMER___1 23586	31.07 1.59 0.00	34.03 1.67 0.00	32.31 1.50 0.00	33.31 1.52 0.00	32.87 1.46 0.00	36.19 1.56 0.00	44.53 2.17 0.00	55.17 3.06 0.00	168.33 9.02 0.00	31.57 1.66 0.00	42.98 2.26 0.00	45.91 2.62 0.00	38.05 2.25 0.00	43.23 2.52 0.00	55.66 3.39 0.00	51.37 3.35 0.00	60.99 4.03 0.00	70.31 4.62 0.00	59.73 3.62 0.00	66.55 4.27 0.00	76.41 4.37 0.00	116.00 6.23 0.00	50.54 2.60 0.00	46.82 2.33 0.00
DANSKAMMER___2 23589	31.07 1.59 0.00	34.03 1.67 0.00	32.31 1.50 0.00	33.31 1.52 0.00	32.87 1.46 0.00	36.19 1.56 0.00	44.53 2.17 0.00	55.17 3.06 0.00	168.33 9.02 0.00	31.57 1.66 0.00	42.98 2.26 0.00	45.91 2.62 0.00	38.05 2.25 0.00	43.23 2.52 0.00	55.66 3.39 0.00	51.37 3.35 0.00	60.99 4.03 0.00	70.31 4.62 0.00	59.73 3.62 0.00	66.55 4.27 0.00	76.41 4.37 0.00	116.00 6.23 0.00	50.54 2.60 0.00	46.82 2.33 0.00
DANSKAMMER___3 23590	31.07 1.59 0.00	34.03 1.67 0.00	32.31 1.50 0.00	33.31 1.52 0.00	32.87 1.46 0.00	36.19 1.56 0.00	44.53 2.17 0.00	55.17 3.06 0.00	168.33 9.02 0.00	31.57 1.66 0.00	42.98 2.26 0.00	45.91 2.62 0.00	38.05 2.25 0.00	43.23 2.52 0.00	55.66 3.39 0.00	51.37 3.35 0.00	60.99 4.03 0.00	70.31 4.62 0.00	59.73 3.62 0.00	66.55 4.27 0.00	76.41 4.37 0.00	116.00 6.23 0.00	50.54 2.60 0.00	46.82 2.33 0.00

DANSKAMMER___4 23591	31.07 1.59 0.00	34.03 1.67 0.00	32.31 1.50 0.00	33.31 1.52 0.00	32.87 1.46 0.00	36.19 1.56 0.00	44.53 2.17 0.00	55.17 3.06 0.00	168.33 9.02 0.00	31.57 1.66 0.00	42.98 2.26 0.00	45.91 2.62 0.00	38.05 2.25 0.00	43.23 2.52 0.00	55.66 3.39 0.00	51.37 3.35 0.00	60.99 4.03 0.00	70.31 4.62 0.00	59.73 3.62 0.00	66.55 4.27 0.00	76.41 4.37 0.00	116.00 6.23 0.00	50.54 2.60 0.00	46.82 2.33 0.00
DANSKAMMER___DIESEL 23592	31.07 1.59 0.00	34.03 1.67 0.00	32.31 1.50 0.00	33.30 1.51 0.00	32.87 1.46 0.00	36.19 1.56 0.00	44.53 2.17 0.00	55.17 3.06 0.00	168.33 9.02 0.00	31.57 1.66 0.00	42.98 2.26 0.00	45.91 2.62 0.00	38.04 2.24 0.00	43.22 2.52 0.00	55.66 3.39 0.00	51.37 3.35 0.00	61.00 4.03 0.00	70.31 4.62 0.00	59.73 3.62 0.00	66.55 4.27 0.00	76.41 4.37 0.00	116.01 6.23 0.00	50.54 2.60 0.00	46.82 2.33 0.00
DARBY___SOLAR 323810	30.67 1.19 0.00	33.58 1.22 0.00	31.83 1.02 0.00	32.79 1.01 0.00	32.42 1.01 0.00	35.80 1.17 0.00	43.97 1.62 0.00	54.17 2.05 0.00	165.12 5.81 0.00	30.82 0.90 0.00	41.77 1.04 0.00	44.34 1.05 0.00	36.69 0.89 0.00	42.01 1.30 0.00	54.27 1.99 0.00	49.78 1.76 0.00	58.97 2.01 0.00	68.17 2.49 0.00	58.33 2.22 0.00	64.93 2.66 0.00	74.95 2.91 0.00	114.25 4.47 0.00	49.95 2.01 0.00	46.09 1.60 0.00
DASHVILLE___HYD 23610	30.82 1.34 0.00	33.76 1.40 0.00	32.07 1.26 0.00	33.06 1.27 0.00	32.62 1.21 0.00	35.89 1.26 0.00	44.14 1.79 0.00	54.69 2.58 0.00	166.94 7.64 0.00	31.32 1.42 0.00	42.60 1.87 0.00	45.51 2.22 0.00	37.74 1.94 0.00	42.88 2.18 0.00	55.26 2.98 0.00	50.89 2.87 0.00	60.52 3.56 0.00	69.72 4.03 0.00	59.17 3.06 0.00	65.91 3.64 0.00	75.71 3.68 0.00	114.99 5.21 0.00	50.11 2.18 0.00	46.45 1.96 0.00
DELAWARE___LFGE 323621	30.13 0.64 0.00	33.06 0.71 0.00	31.49 0.68 0.00	32.50 0.71 0.00	32.10 0.69 0.00	35.35 0.72 0.00	43.35 0.99 0.00	53.52 1.41 0.00	163.89 4.59 0.00	30.80 0.89 0.00	41.97 1.24 0.00	44.63 1.34 0.00	36.85 1.05 0.00	41.83 1.13 0.00	53.72 1.44 0.00	49.27 1.25 0.00	58.43 1.47 0.00	67.33 1.65 0.02	57.40 1.30 0.00	64.01 1.74 0.00	73.73 1.70 0.00	112.42 2.64 0.00	48.97 1.03 0.00	45.46 0.97 0.00
DERFIELD_115KV_TB7 355931	29.47 -0.01 0.00	32.35 0.00 0.00	30.79 -0.02 0.00	31.75 -0.03 0.00	31.38 -0.03 0.00	34.56 -0.07 0.00	42.31 -0.04 0.00	52.12 0.01 0.00	159.29 -0.02 0.00	29.91 0.00 0.00	40.68 -0.04 0.00	43.24 -0.04 0.00	35.77 -0.03 0.00	40.66 -0.04 0.00	52.27 -0.01 0.00	48.02 0.00 0.00	56.97 0.00 0.00	65.70 0.01 0.00	56.08 -0.02 0.00	62.31 0.04 0.00	71.98 -0.06 0.00	109.68 -0.10 0.00	47.90 -0.04 0.00	44.45 -0.04 0.00
DOGLEVILLE___HYD 23807	29.58 0.10 0.00	32.46 0.11 0.00	30.77 -0.04 0.00	31.66 -0.13 0.00	31.25 -0.16 0.00	34.52 -0.11 0.00	42.43 0.08 0.00	52.48 0.36 0.00	159.77 0.46 0.00	29.94 0.03 0.00	40.38 -0.34 0.00	42.64 -0.65 0.00	35.30 -0.50 0.00	40.32 -0.39 0.00	51.87 -0.40 0.00	47.53 -0.49 0.00	56.64 -0.32 0.00	65.65 -0.05 0.00	56.26 0.15 0.00	62.87 0.60 0.00	72.44 0.40 0.00	110.06 0.28 0.00	48.04 0.10 0.00	44.39 -0.10 0.00
DUNKIRK___115KV_TB_200 55889	27.77 -1.71 0.00	30.67 -1.68 0.00	29.18 -1.63 0.00	30.28 -1.50 0.00	29.81 -1.60 0.00	33.13 -1.50 0.00	40.15 -2.20 0.00	49.91 -2.21 0.00	152.97 -6.34 0.00	28.80 -1.11 0.00	39.83 -0.89 0.00	41.95 -1.34 0.00	34.42 -1.38 0.00	38.82 -1.89 0.00	48.99 -3.29 0.00	44.67 -3.35 0.00	52.46 -4.50 0.00	59.57 -5.51 0.61	50.42 -4.62 1.07	58.83 -3.44 0.00	67.91 -4.12 0.00	104.07 -5.71 0.00	44.84 -3.10 0.00	42.11 -2.38 0.00
DUNKIRK___1 23563	27.77 -1.71 0.00	30.67 -1.68 0.00	29.18 -1.63 0.00	30.28 -1.50 0.00	29.81 -1.60 0.00	33.13 -1.50 0.00	40.15 -2.20 0.00	49.91 -2.21 0.00	152.97 -6.34 0.00	28.80 -1.11 0.00	39.83 -0.89 0.00	41.95 -1.34 0.00	34.42 -1.38 0.00	38.82 -1.89 0.00	48.99 -3.29 0.00	44.67 -3.35 0.00	52.46 -4.50 0.00	59.57 -5.51 0.61	50.42 -4.62 1.07	58.83 -3.44 0.00	67.91 -4.12 0.00	104.07 -5.71 0.00	44.84 -3.10 0.00	42.11 -2.38 0.00
DUNKIRK___2 23564	27.77 -1.71 0.00	30.67 -1.68 0.00	29.18 -1.63 0.00	30.28 -1.50 0.00	29.81 -1.60 0.00	33.13 -1.50 0.00	40.15 -2.20 0.00	49.91 -2.21 0.00	152.97 -6.34 0.00	28.80 -1.11 0.00	39.83 -0.89 0.00	41.95 -1.34 0.00	34.42 -1.38 0.00	38.82 -1.89 0.00	48.99 -3.29 0.00	44.67 -3.35 0.00	52.46 -4.50 0.00	59.57 -5.51 0.61	50.42 -4.62 1.07	58.83 -3.44 0.00	67.91 -4.12 0.00	104.07 -5.71 0.00	44.84 -3.10 0.00	42.11 -2.38 0.00
DUNKIRK___3 23565	27.62 -1.86 0.00	30.49 -1.86 0.00	29.03 -1.78 0.00	30.12 -1.66 0.00	29.68 -1.73 0.00	32.94 -1.69 0.00	39.86 -2.49 0.00	49.53 -2.58 0.00	151.83 -7.48 0.00	28.61 -1.31 0.00	39.56 -1.16 0.00	41.65 -1.63 0.00	34.18 -1.62 0.00	38.56 -2.15 0.00	48.67 -3.61 0.00	44.41 -3.60 0.00	52.16 -4.81 0.00	59.24 -5.85 0.60	50.19 -4.87 1.05	58.50 -3.78 0.00	67.57 -4.46 0.00	103.52 -6.26 0.00	44.65 -3.29 0.00	41.99 -2.50 0.00
DUNKIRK___4 23566	27.62 -1.86 0.00	30.49 -1.86 0.00	29.03 -1.78 0.00	30.12 -1.66 0.00	29.68 -1.73 0.00	32.94 -1.69 0.00	39.86 -2.49 0.00	49.53 -2.58 0.00	151.83 -7.48 0.00	28.61 -1.31 0.00	39.56 -1.16 0.00	41.65 -1.63 0.00	34.18 -1.62 0.00	38.56 -2.15 0.00	48.67 -3.61 0.00	44.41 -3.60 0.00	52.16 -4.81 0.00	59.24 -5.85 0.60	50.19 -4.87 1.05	58.50 -3.78 0.00	67.57 -4.46 0.00	103.52 -6.26 0.00	44.65 -3.29 0.00	41.99 -2.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.11 1.63 0.00	34.08 1.72 0.00	32.34 1.53 0.00	33.33 1.55 0.00	32.89 1.48 0.00	36.19 1.56 0.00	44.57 2.21 0.00	55.25 3.13 0.00	168.54 9.23 0.00	31.68 1.77 0.00	43.13 2.40 0.00	46.09 2.80 0.00	38.19 2.40 0.00	43.36 2.66 0.00	55.80 3.52 0.00	51.44 3.42 0.00	61.09 4.13 0.00	70.40 4.71 0.00	59.72 3.61 0.00	66.51 4.23 0.00	76.30 4.26 0.00	115.82 6.04 0.00	50.48 2.54 0.00	46.81 2.32 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.88 1.40 0.00	33.83 1.47 0.00	32.13 1.32 0.00	33.11 1.33 0.00	32.68 1.27 0.00	35.98 1.35 0.00	44.26 1.91 0.00	54.83 2.72 0.00	167.24 7.93 0.00	31.37 1.46 0.00	42.73 2.00 0.00	45.64 2.35 0.00	37.80 2.00 0.00	42.94 2.24 0.00	55.32 3.04 0.00	51.03 3.01 0.00	60.58 3.62 0.00	69.84 4.15 0.00	59.34 3.23 0.00	66.12 3.84 0.00	75.90 3.87 0.00	115.25 5.46 0.00	50.23 2.29 0.00	46.56 2.07 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.14 1.66 0.00	34.09 1.74 0.00	32.38 1.57 0.00	33.30 1.51 0.00	32.87 1.46 0.00	36.23 1.61 0.00	44.69 2.34 0.00	55.37 3.26 0.00	169.01 9.70 0.00	31.79 1.88 0.00	43.27 2.55 0.00	46.32 3.04 0.00	38.53 2.50 -0.22	43.47 2.76 0.00	55.98 3.70 0.00	51.61 3.59 0.00	61.25 4.29 0.00	70.61 4.93 0.00	59.92 3.82 0.00	66.61 4.33 0.00	76.41 4.38 0.00	115.99 6.21 0.00	50.56 2.61 0.00	46.90 2.41 0.00

E179THST_13_KV_LOAD 356214	31.26 1.78 0.00	34.20 1.85 0.00	32.48 1.67 0.00	33.41 1.62 0.00	32.97 1.56 0.00	36.34 1.71 0.00	44.84 2.49 0.00	55.59 3.47 0.00	169.73 10.42 0.00	31.92 2.01 0.00	43.47 2.74 0.00	46.53 3.24 0.00	38.69 2.67 -0.22	43.67 2.96 0.00	56.24 3.96 0.00	51.85 3.83 0.00	61.54 4.58 0.00	70.91 5.22 0.00	60.19 4.08 0.00	66.92 4.64 0.00	76.76 4.72 0.00	116.52 6.74 0.00	50.76 2.82 0.00	47.08 2.59 0.00
EAST HAMPTON___GT 23717	31.32 1.74 -0.10	33.98 1.93 0.30	33.08 2.33 0.06	35.25 3.14 -0.32	36.08 3.29 -1.38	41.57 3.51 -3.43	47.20 4.72 -0.13	58.26 6.14 0.00	176.53 17.22 0.00	33.54 3.45 -0.18	44.87 4.25 0.10	50.85 4.74 -2.81	42.36 3.95 -2.61	46.82 4.35 -1.77	57.87 5.59 0.00	55.03 5.31 -1.70	70.56 6.83 -6.77	93.29 8.23 -19.37	85.21 6.98 -22.12	83.46 8.25 -12.94	88.08 9.12 -6.92	137.16 13.69 -13.69	58.37 5.67 -4.77	49.38 4.89 0.00
EAST RIVER___6 23660	31.30 1.82 0.00	34.27 1.91 0.00	32.50 1.69 0.00	33.46 1.67 0.00	33.03 1.62 0.00	36.37 1.74 0.00	44.85 2.50 0.00	55.70 3.59 0.00	170.13 10.82 0.00	32.00 2.09 0.00	43.61 2.88 0.00	46.64 3.35 0.00	38.87 2.85 -0.22	43.86 3.15 -0.01	56.39 4.11 0.00	52.01 3.99 0.00	61.75 4.79 0.00	71.11 5.42 0.00	60.24 4.14 0.00	67.05 4.78 0.00	76.89 4.86 0.00	116.68 6.90 0.00	50.81 2.87 0.00	47.13 2.64 0.00
EAST RIVER___7 23524	31.30 1.82 0.00	34.27 1.91 0.00	32.50 1.69 0.00	33.46 1.67 0.00	33.03 1.62 0.00	36.37 1.74 0.00	44.85 2.50 0.00	55.70 3.59 0.00	170.13 10.82 0.00	32.00 2.09 0.00	43.61 2.88 0.00	46.64 3.35 0.00	38.87 2.85 -0.22	43.86 3.15 -0.01	56.39 4.11 0.00	52.01 3.99 0.00	61.75 4.79 0.00	71.11 5.42 0.00	60.24 4.14 0.00	67.05 4.78 0.00	76.89 4.86 0.00	116.68 6.90 0.00	50.81 2.87 0.00	47.13 2.64 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.02 1.55 0.00	33.98 1.62 0.00	32.25 1.44 0.00	33.24 1.45 0.00	32.80 1.39 0.00	36.09 1.46 0.00	44.44 2.09 0.00	55.11 3.00 0.00	168.20 8.89 0.00	31.60 1.69 0.00	43.04 2.31 0.00	45.98 2.69 0.00	38.16 2.31 -0.05	43.26 2.56 0.00	55.68 3.40 0.00	51.34 3.32 0.00	60.97 4.01 0.00	70.26 4.57 0.00	59.61 3.50 0.00	66.39 4.12 0.00	76.19 4.15 0.00	115.67 5.89 0.00	50.41 2.46 0.00	46.75 2.26 0.00
EAST_HAMPTON___DIESEL 23722	31.23 1.64 -0.10	33.89 1.84 0.30	33.02 2.26 0.06	35.23 3.12 -0.32	36.07 3.28 -1.38	41.56 3.50 -3.43	47.20 4.72 -0.13	58.26 6.14 0.00	176.55 17.24 0.00	33.55 3.46 -0.18	44.87 4.25 0.10	50.85 4.75 -2.81	42.36 3.95 -2.61	46.83 4.36 -1.77	57.88 5.60 0.00	55.03 5.32 -1.70	70.56 6.83 -6.77	93.29 8.23 -19.37	85.20 6.97 -22.12	83.45 8.24 -12.94	88.08 9.12 -6.92	137.17 13.70 -13.69	58.39 5.68 -4.77	49.39 4.90 0.00
EAST_POINT___SOLAR 323840	30.94 1.46 0.00	33.88 1.53 0.00	32.31 1.50 0.00	33.38 1.59 0.00	33.04 1.63 0.00	36.53 1.90 0.00	44.86 2.51 0.00	55.18 3.06 0.00	168.55 9.24 0.00	31.69 1.77 0.00	43.12 2.39 0.00	45.59 2.30 0.00	37.47 1.67 0.00	42.18 1.48 0.00	53.97 1.69 0.00	49.08 1.06 0.00	58.26 1.30 0.00	68.39 2.70 0.00	59.00 2.89 0.00	66.10 3.83 0.00	76.54 4.50 0.00	116.53 6.75 0.00	50.64 2.70 0.00	46.93 2.44 0.00
EAST_PULASKI___ESR 323781	28.57 -0.90 0.00	31.44 -0.92 0.00	29.94 -0.87 0.00	30.88 -0.90 0.00	30.53 -0.88 0.00	33.72 -0.91 0.00	41.30 -1.06 0.00	50.90 -1.22 0.00	155.44 -3.87 0.00	29.18 -0.73 0.00	39.73 -0.99 0.00	42.15 -1.14 0.00	34.79 -1.01 0.00	39.48 -1.23 0.00	50.63 -1.65 0.00	46.51 -1.50 0.00	55.27 -1.70 0.00	63.85 -1.84 0.00	54.55 -1.56 0.00	60.88 -1.40 0.00	70.47 -1.57 0.00	107.45 -2.34 0.00	46.71 -1.23 0.00	43.33 -1.16 0.00
EAST_RIVER___1 323558	31.22 1.74 0.00	34.18 1.83 0.00	32.44 1.63 0.00	33.41 1.63 0.00	32.97 1.56 0.00	36.30 1.67 0.00	44.73 2.38 0.00	55.56 3.44 0.00	169.66 10.35 0.00	31.90 1.99 0.00	43.47 2.75 0.00	46.47 3.18 0.00	38.74 2.72 -0.22	43.71 3.00 -0.01	56.20 3.92 0.00	51.83 3.81 0.00	61.54 4.58 0.00	70.87 5.18 0.00	60.05 3.95 0.00	66.87 4.59 0.00	76.67 4.63 0.00	116.35 6.57 0.00	50.67 2.74 0.00	47.02 2.53 0.00
EAST_RIVER___2 323559	31.30 1.82 0.00	34.27 1.91 0.00	32.50 1.69 0.00	33.46 1.67 0.00	33.03 1.62 0.00	36.37 1.74 0.00	44.85 2.50 0.00	55.70 3.59 0.00	170.13 10.82 0.00	32.00 2.09 0.00	43.61 2.88 0.00	46.64 3.35 0.00	38.87 2.85 -0.22	43.86 3.15 -0.01	56.39 4.11 0.00	52.01 3.99 0.00	61.75 4.79 0.00	71.11 5.42 0.00	60.24 4.14 0.00	67.05 4.78 0.00	76.89 4.86 0.00	116.68 6.90 0.00	50.81 2.87 0.00	47.13 2.64 0.00
EAST___DELAWARE_HYD 23607	31.31 1.83 0.00	34.30 1.95 0.00	32.59 1.78 0.00	33.60 1.82 0.00	33.18 1.77 0.00	36.57 1.94 0.00	44.98 2.63 0.00	55.64 3.53 0.00	169.54 10.24 0.00	31.71 1.80 0.00	43.21 2.48 0.00	46.06 2.77 0.00	38.18 2.38 0.00	43.34 2.64 0.00	55.83 3.55 0.00	51.66 3.64 0.00	61.36 4.41 0.00	70.79 5.10 0.00	60.21 4.10 0.00	67.11 4.83 0.00	77.06 5.03 0.00	116.97 7.19 0.00	50.91 2.97 0.00	47.21 2.72 0.00
EIGHT_POINT___WT_PWR 323820	27.80 -1.68 0.00	30.68 -1.67 0.00	29.35 -1.46 0.00	30.58 -1.21 0.00	30.42 -1.00 0.00	33.90 -0.73 0.00	41.28 -1.08 0.00	51.33 -0.78 0.00	156.74 -2.56 0.00	29.51 -0.40 0.00	40.55 -0.17 0.00	42.64 -0.64 0.00	35.05 -0.75 0.00	39.53 -1.18 0.00	50.24 -2.04 0.00	46.02 -2.00 0.00	54.17 -2.79 0.00	61.00 -3.58 1.11	51.00 -2.66 2.45	60.50 -1.77 0.00	69.95 -2.09 0.00	106.92 -2.86 0.00	46.13 -1.81 0.00	43.26 -1.23 0.00
ELBRIDGE_115KV_TB2 80188	28.73 -0.75 0.00	31.59 -0.77 0.00	30.02 -0.79 0.00	31.02 -0.76 0.00	30.67 -0.74 0.00	33.84 -0.79 0.00	41.41 -0.94 0.00	50.98 -1.13 0.00	155.78 -3.53 0.00	29.28 -0.63 0.00	39.90 -0.83 0.00	42.32 -0.97 0.00	34.93 -0.87 0.00	39.67 -1.03 0.00	50.86 -1.41 0.00	46.70 -1.32 0.00	55.33 -1.63 0.00	63.87 -1.82 0.00	54.53 -1.58 0.00	60.96 -1.31 0.00	70.45 -1.59 0.00	107.36 -2.42 0.00	46.75 -1.19 0.00	43.43 -1.06 0.00
ELEC_TRO_TEK 24086	31.82 2.00 -0.34	37.45 2.27 -2.83	36.63 2.08 -3.73	37.36 2.12 -3.45	38.22 2.06 -4.75	53.08 2.05 -16.41	45.56 2.69 -0.52	55.83 3.71 0.00	169.82 10.51 0.00	32.84 2.13 -0.81	52.01 2.77 -8.51	64.98 3.22 -18.47	50.08 2.73 -11.55	51.50 2.98 -7.81	56.17 3.89 0.00	59.37 3.82 -7.53	91.44 4.61 -29.87	122.63 5.24 -51.69	113.63 4.15 -53.38	93.14 4.81 -26.05	108.23 4.95 -31.25	153.22 7.16 -36.28	59.31 2.98 -8.39	47.21 2.71 0.00
ELLENBURG_WT_PWR 323604	29.66 0.18 0.00	32.55 0.20 0.00	31.06 0.25 0.00	32.10 0.31 0.00	31.78 0.37 0.00	35.12 0.49 0.00	42.81 0.46 0.00	52.38 0.27 0.00	160.37 1.06 0.00	30.00 0.09 0.00	40.91 0.19 0.00	43.46 0.17 0.00	35.95 0.15 0.00	40.96 0.26 0.00	52.50 0.22 0.00	48.12 0.10 0.00	57.11 0.15 0.00	65.88 0.19 0.00	56.61 0.51 0.00	62.81 0.54 0.00	72.85 0.81 0.00	110.92 1.14 0.00	48.51 0.57 0.00	44.93 0.44 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.08 -2.40 0.00	29.81 -2.55 0.00	28.43 -2.39 0.00	29.51 -2.28 0.00	29.13 -2.28 0.00	32.30 -2.33 0.00	38.99 -3.36 0.00	48.36 -3.76 0.00	148.30 -11.01 0.00	27.99 -1.92 0.00	38.67 -2.05 0.00	40.70 -2.59 0.00	33.41 -2.39 0.00	37.69 -3.02 0.00	47.58 -4.70 0.00	43.44 -4.58 0.00	51.08 -5.88 0.00	57.91 -7.21 0.58	49.22 -5.91 0.98	57.25 -5.03 0.00	66.41 -5.63 0.00	101.60 -8.18 0.00	43.95 -3.99 0.00	41.44 -3.06 0.00
EMPIRE_CC_1 323656	30.37 0.90 0.00	33.27 0.91 0.00	31.54 0.73 0.00	32.49 0.70 0.00	32.09 0.68 0.00	35.37 0.74 0.00	43.34 0.99 0.00	53.38 1.26 0.00	162.69 3.38 0.00	30.37 0.46 0.00	41.05 0.33 0.00	43.66 0.37 0.00	36.26 0.46 0.00	41.43 0.73 0.00	53.56 1.28 0.00	49.22 1.20 0.00	58.37 1.41 0.00	67.42 1.73 0.00	57.44 1.34 0.00	63.85 1.58 0.00	73.64 1.60 0.00	112.32 2.54 0.00	49.22 1.28 0.00	45.50 1.01 0.00
EMPIRE_CC_2 323658	30.37 0.90 0.00	33.27 0.91 0.00	31.54 0.73 0.00	32.49 0.70 0.00	32.09 0.68 0.00	35.37 0.74 0.00	43.34 0.99 0.00	53.38 1.26 0.00	162.69 3.38 0.00	30.37 0.46 0.00	41.05 0.33 0.00	43.66 0.37 0.00	36.26 0.46 0.00	41.43 0.73 0.00	53.56 1.28 0.00	49.22 1.20 0.00	58.37 1.41 0.00	67.42 1.73 0.00	57.44 1.34 0.00	63.85 1.58 0.00	73.64 1.60 0.00	112.32 2.54 0.00	49.22 1.28 0.00	45.50 1.01 0.00
ENORWICH_115KV_TB1 80156	31.05 1.57 0.00	34.16 1.80 0.00	32.50 1.69 0.00	33.58 1.79 0.00	33.18 1.77 0.00	36.71 2.08 0.00	44.86 2.50 0.00	55.97 3.86 0.00	175.29 15.98 0.00	32.78 2.87 0.00	44.58 3.85 0.00	46.64 3.35 0.00	38.39 2.59 0.00	43.72 3.02 0.00	56.07 3.79 0.00	50.82 2.80 0.00	59.31 2.35 0.00	69.23 2.95 -0.59	60.65 3.10 -1.45	66.50 4.23 0.00	76.82 4.79 0.00	116.89 7.11 0.00	50.53 2.59 0.00	47.04 2.54 0.00
ERIE_ST__34_KV_TB1-2 80199	27.55 -1.93 0.00	30.33 -2.03 0.00	28.90 -1.91 0.00	30.00 -1.79 0.00	29.60 -1.81 0.00	32.80 -1.83 0.00	39.64 -2.72 0.00	49.25 -2.87 0.00	151.14 -8.17 0.00	28.55 -1.37 0.00	39.42 -1.31 0.00	41.49 -1.79 0.00	34.06 -1.74 0.00	38.44 -2.26 0.00	48.51 -3.77 0.00	44.30 -3.72 0.00	52.07 -4.89 0.00	59.16 -5.95 0.59	50.24 -4.85 1.02	58.40 -3.88 0.00	67.68 -4.36 0.00	103.58 -6.20 0.00	44.75 -3.19 0.00	42.13 -2.37 0.00
ERIE_WT_PWR 323693	27.28 -2.20 0.00	30.04 -2.32 0.00	28.62 -2.19 0.00	29.72 -2.07 0.00	29.33 -2.08 0.00	32.51 -2.12 0.00	39.26 -3.09 0.00	48.74 -3.38 0.00	149.28 -10.03 0.00	28.22 -1.69 0.00	38.96 -1.76 0.00	40.97 -2.32 0.00	33.65 -2.15 0.00	37.95 -2.75 0.00	47.95 -4.33 0.00	43.77 -4.24 0.00	51.49 -5.47 0.00	58.41 -6.70 0.59	49.60 -5.49 1.01	57.72 -4.55 0.00	66.96 -5.08 0.00	102.49 -7.29 0.00	44.28 -3.66 0.00	41.74 -2.75 0.00
ESPRGFLD_115KV_TB1 80157	30.43 0.95 0.00	33.37 1.01 0.00	31.88 1.07 0.00	32.95 1.17 0.00	32.62 1.21 0.00	35.98 1.35 0.00	44.12 1.77 0.00	54.35 2.24 0.00	166.65 7.34 0.00	31.38 1.47 0.00	42.89 2.17 0.00	45.54 2.25 0.00	37.40 1.60 0.00	42.31 1.60 0.00	54.17 1.89 0.00	49.53 1.51 0.00	58.68 1.72 0.00	67.69 2.00 0.01	58.05 1.95 0.00	64.95 2.68 0.00	75.07 3.03 0.00	114.44 4.66 0.00	49.75 1.81 0.00	46.19 1.70 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.57 0.09 0.00	32.52 0.17 0.00	30.93 0.12 0.00	31.97 0.18 0.00	31.57 0.16 0.00	34.86 0.23 0.00	42.69 0.34 0.00	52.78 0.66 0.00	161.59 2.28 0.00	30.30 0.39 0.00	41.33 0.60 0.00	43.73 0.44 0.00	36.00 0.20 0.00	40.89 0.19 0.00	52.36 0.08 0.00	48.01 -0.01 0.00	56.95 -0.01 0.00	67.34 0.13 -1.51	59.99 0.25 -3.63	63.17 0.90 0.00	72.88 0.84 0.00	111.09 1.31 0.00	48.24 0.30 0.00	44.81 0.32 0.00
ETNA____115KV_TB2 80207	29.57 0.09 0.00	32.52 0.17 0.00	30.93 0.12 0.00	31.97 0.18 0.00	31.57 0.16 0.00	34.86 0.23 0.00	42.69 0.34 0.00	52.78 0.66 0.00	161.59 2.28 0.00	30.30 0.39 0.00	41.33 0.60 0.00	43.73 0.44 0.00	36.00 0.20 0.00	40.89 0.19 0.00	52.36 0.08 0.00	48.01 -0.01 0.00	56.95 -0.01 0.00	67.34 0.13 -1.51	59.99 0.25 -3.63	63.17 0.90 0.00	72.88 0.84 0.00	111.09 1.31 0.00	48.24 0.30 0.00	44.81 0.32 0.00
EUCLID___115KV_TB2 356179	28.70 -0.78 0.00	31.54 -0.81 0.00	30.03 -0.78 0.00	31.00 -0.78 0.00	30.63 -0.78 0.00	33.81 -0.82 0.00	41.33 -1.02 0.00	50.98 -1.13 0.00	155.84 -3.47 0.00	29.29 -0.62 0.00	39.93 -0.80 0.00	42.37 -0.92 0.00	34.97 -0.83 0.00	39.70 -1.00 0.00	50.91 -1.37 0.00	46.74 -1.28 0.00	55.40 -1.56 0.00	63.91 -1.79 0.00	54.54 -1.56 0.00	60.86 -1.41 0.00	70.33 -1.71 0.00	107.22 -2.56 0.00	46.68 -1.26 0.00	43.38 -1.11 0.00
E_CANADA_CAP_HY 24051	30.61 1.13 0.00	33.53 1.18 0.00	32.03 1.22 0.00	33.11 1.32 0.00	32.78 1.38 0.00	36.19 1.56 0.00	44.36 2.00 0.00	54.51 2.40 0.00	166.77 7.46 0.00	31.36 1.45 0.00	42.82 2.10 0.00	45.41 2.12 0.00	37.28 1.48 0.00	42.15 1.44 0.00	53.97 1.69 0.00	49.26 1.24 0.00	58.50 1.53 0.00	67.68 1.99 0.01	58.31 2.20 0.00	65.19 2.92 0.00	75.47 3.43 0.00	115.08 5.30 0.00	50.05 2.11 0.00	46.45 1.96 0.00
E_CANADA_MHWK_HY 24050	29.58 0.10 0.00	32.46 0.11 0.00	30.77 -0.04 0.00	31.66 -0.13 0.00	31.25 -0.16 0.00	34.52 -0.11 0.00	42.43 0.08 0.00	52.48 0.36 0.00	159.77 0.46 0.00	29.94 0.03 0.00	40.38 -0.35 0.00	42.63 -0.65 0.00	35.30 -0.50 0.00	40.31 -0.39 0.00	51.87 -0.40 0.00	47.53 -0.49 0.00	56.64 -0.32 0.00	65.65 -0.05 0.00	56.26 0.15 0.00	62.87 0.60 0.00	72.44 0.40 0.00	110.06 0.28 0.00	48.04 0.10 0.00	44.39 -0.10 0.00
E_FISHKILL___LBMP 23776	30.82 1.34 0.00	33.76 1.41 0.00	32.06 1.25 0.00	33.05 1.26 0.00	32.61 1.20 0.00	35.89 1.26 0.00	44.15 1.79 0.00	54.70 2.58 0.00	166.87 7.56 0.00	31.34 1.43 0.00	42.65 1.93 0.00	45.54 2.25 0.00	37.74 1.94 0.00	42.87 2.17 0.00	55.18 2.91 0.00	50.84 2.82 0.00	60.39 3.43 0.00	69.60 3.91 0.00	59.10 2.99 0.00	65.80 3.53 0.00	75.56 3.52 0.00	114.79 5.01 0.00	50.05 2.11 0.00	46.41 1.92 0.00
FALCON___SEABRD_CC1 323796	30.34 0.86 0.00	33.23 0.88 0.00	31.68 0.87 0.00	32.79 1.00 0.00	32.46 1.05 0.00	36.00 1.37 0.00	43.81 1.46 0.00	53.85 1.74 0.00	164.70 5.39 0.00	30.72 0.80 0.00	41.88 1.15 0.00	44.55 1.27 0.00	36.89 1.09 0.00	42.11 1.40 0.00	53.88 1.60 0.00	49.21 1.19 0.00	58.42 1.46 0.00	67.63 1.94 0.00	57.94 1.83 0.00	64.55 2.28 0.00	74.79 2.75 0.00	113.86 4.08 0.00	49.88 1.94 0.00	45.99 1.50 0.00
FALCON___SEABRD_CC2 323797	30.34 0.86 0.00	33.23 0.88 0.00	31.68 0.87 0.00	32.79 1.00 0.00	32.46 1.05 0.00	36.00 1.37 0.00	43.81 1.46 0.00	53.85 1.74 0.00	164.70 5.39 0.00	30.72 0.80 0.00	41.88 1.15 0.00	44.55 1.27 0.00	36.89 1.09 0.00	42.11 1.40 0.00	53.88 1.60 0.00	49.21 1.19 0.00	58.42 1.46 0.00	67.63 1.94 0.00	57.94 1.83 0.00	64.55 2.28 0.00	74.79 2.75 0.00	113.86 4.08 0.00	49.88 1.94 0.00	45.99 1.50 0.00

FAR ROCKAWAY___4 23548	34.31 2.34 -2.49	65.01 2.50 -30.16	71.04 2.44 -37.79	65.05 2.47 -30.80	68.75 2.39 -34.95	128.23 2.42 -91.18	48.05 3.16 -2.54	56.39 4.27 0.00	171.50 12.19 0.00	36.49 2.46 -4.12	112.79 3.20 -68.86	147.11 3.66 -100.16	97.96 3.08 -59.08	84.07 3.37 -39.99	56.78 4.47 -0.03	90.64 4.32 -38.30	214.99 5.27 -152.77	228.43 5.74 -156.99	158.68 4.60 -97.98	96.64 5.44 -28.92	134.20 5.73 -56.43	170.31 9.35 -51.19	59.41 3.65 -7.81	47.84 3.35 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.20 1.72 0.00	34.16 1.81 0.00	32.41 1.60 0.00	33.38 1.60 0.00	32.94 1.54 0.00	36.27 1.64 0.00	44.69 2.34 0.00	55.51 3.39 0.00	169.50 10.19 0.00	31.87 1.96 0.00	43.42 2.70 0.00	46.42 3.13 0.00	38.69 2.67 -0.22	43.66 2.95 0.00	56.13 3.85 0.00	51.76 3.74 0.00	61.47 4.51 0.00	70.79 5.10 0.00	59.99 3.89 0.00	66.80 4.53 0.00	76.61 4.57 0.00	116.25 6.46 0.00	50.65 2.71 0.00	47.00 2.51 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.21 1.73 0.00	34.17 1.82 0.00	32.43 1.62 0.00	33.39 1.61 0.00	32.95 1.55 0.00	36.28 1.65 0.00	44.72 2.37 0.00	55.52 3.40 0.00	169.51 10.20 0.00	31.87 1.96 0.00	43.43 2.71 0.00	46.42 3.13 0.00	38.70 2.68 -0.22	43.66 2.95 0.00	56.14 3.86 0.00	51.77 3.75 0.00	61.47 4.51 0.00	70.81 5.13 0.00	60.01 3.91 0.00	66.81 4.54 0.00	76.64 4.60 0.00	116.28 6.50 0.00	50.67 2.73 0.00	47.01 2.52 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.19 1.71 0.00	34.15 1.80 0.00	32.41 1.60 0.00	33.38 1.60 0.00	32.94 1.53 0.00	36.27 1.64 0.00	44.69 2.34 0.00	55.50 3.39 0.00	169.44 10.13 0.00	31.86 1.95 0.00	43.41 2.69 0.00	46.41 3.12 0.00	38.69 2.67 -0.22	43.65 2.94 0.00	56.12 3.84 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.79 5.10 0.00	59.98 3.87 0.00	66.77 4.50 0.00	76.58 4.55 0.00	116.18 6.40 0.00	50.62 2.68 0.00	46.98 2.49 0.00
FARRAGUT___LBMP 323566	31.17 1.69 0.00	34.13 1.78 0.00	32.38 1.57 0.00	33.36 1.58 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.65 2.29 0.00	55.44 3.33 0.00	169.21 9.90 0.00	31.83 1.92 0.00	43.36 2.63 0.00	46.35 3.06 0.00	38.64 2.62 -0.22	43.59 2.88 0.00	56.05 3.77 0.00	51.69 3.67 0.00	61.38 4.42 0.00	70.71 5.02 0.00	59.92 3.81 0.00	66.71 4.44 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.58 2.64 0.00	46.94 2.45 0.00
FENNER___WINDPWR 24204	29.70 0.22 0.00	32.63 0.27 0.00	31.06 0.25 0.00	32.06 0.27 0.00	31.66 0.25 0.00	34.94 0.31 0.00	42.84 0.49 0.00	52.88 0.76 0.00	161.67 2.36 0.00	30.37 0.46 0.00	41.35 0.63 0.00	43.86 0.57 0.00	36.14 0.34 0.00	41.02 0.32 0.00	52.57 0.29 0.00	48.29 0.27 0.00	57.27 0.31 0.00	66.60 0.62 -0.29	57.47 0.67 -0.70	63.32 1.04 0.00	73.07 1.03 0.00	111.41 1.63 0.00	48.44 0.50 0.00	44.94 0.45 0.00
FIBERTEK___ENERGY 23856	28.90 -0.58 0.00	31.77 -0.58 0.00	30.23 -0.58 0.00	31.22 -0.57 0.00	30.85 -0.56 0.00	34.06 -0.57 0.00	41.67 -0.68 0.00	51.36 -0.75 0.00	156.97 -2.34 0.00	29.50 -0.41 0.00	40.20 -0.52 0.00	42.65 -0.64 0.00	35.20 -0.61 0.00	39.97 -0.73 0.00	51.28 -1.00 0.00	47.10 -0.92 0.00	55.81 -1.15 0.00	64.45 -1.25 0.00	55.01 -1.09 0.00	61.42 -0.85 0.00	70.98 -1.06 0.00	108.20 -1.58 0.00	47.08 -0.86 0.00	43.73 -0.76 0.00
FITZPATRICK___ 23598	28.34 -1.14 0.00	31.16 -1.19 0.00	29.67 -1.14 0.00	30.63 -1.16 0.00	30.27 -1.14 0.00	33.40 -1.23 0.00	40.81 -1.54 0.00	50.27 -1.85 0.00	153.57 -5.73 0.00	28.87 -1.04 0.00	39.34 -1.39 0.00	41.76 -1.53 0.00	34.49 -1.31 0.00	39.18 -1.53 0.00	50.24 -2.04 0.00	46.13 -1.89 0.00	54.68 -2.28 0.00	63.07 -2.63 0.00	53.83 -2.28 0.00	59.99 -2.28 0.00	69.37 -2.67 0.00	105.72 -4.06 0.00	46.09 -1.85 0.00	42.82 -1.67 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.12 1.64 0.00	34.08 1.73 0.00	32.36 1.55 0.00	33.35 1.56 0.00	32.92 1.51 0.00	36.25 1.62 0.00	44.61 2.25 0.00	55.26 3.15 0.00	168.58 9.28 0.00	31.62 1.71 0.00	43.06 2.34 0.00	45.99 2.70 0.00	38.12 2.32 0.00	43.32 2.61 0.00	55.78 3.50 0.00	51.47 3.45 0.00	61.11 4.15 0.00	70.44 4.75 0.00	59.83 3.72 0.00	66.67 4.40 0.00	76.55 4.52 0.00	116.22 6.44 0.00	50.62 2.68 0.00	46.89 2.40 0.00
FORT ORANGE___ 23900	30.13 0.65 0.00	33.00 0.65 0.00	31.34 0.53 0.00	32.29 0.50 0.00	31.88 0.47 0.00	35.12 0.49 0.00	43.06 0.71 0.00	53.04 0.92 0.00	161.44 2.13 0.00	30.21 0.31 0.00	40.91 0.18 0.00	43.44 0.16 0.00	36.12 0.32 0.00	41.11 0.40 0.00	53.03 0.75 0.00	48.78 0.76 0.00	57.98 1.02 0.00	67.04 1.35 0.00	57.13 1.02 0.00	63.56 1.28 0.00	73.29 1.25 0.00	111.57 1.79 0.00	48.81 0.86 0.00	45.16 0.67 0.00
FORT_DRUM_COGEN 23780	28.98 -0.50 0.00	31.94 -0.41 0.00	30.46 -0.35 0.00	31.37 -0.42 0.00	31.02 -0.39 0.00	34.28 -0.35 0.00	42.15 -0.20 0.00	51.92 -0.19 0.00	158.56 -0.75 0.00	29.66 -0.25 0.00	40.37 -0.35 0.00	42.77 -0.52 0.00	35.31 -0.49 0.00	39.95 -0.75 0.00	51.28 -0.99 0.00	47.15 -0.87 0.00	56.30 -0.66 0.00	65.11 -0.58 0.00	55.86 -0.24 0.00	62.40 0.13 0.00	72.43 0.40 0.00	110.60 0.82 0.00	47.91 -0.03 0.00	44.30 -0.19 0.00
FOX_HILLS___ESR 323835	31.21 1.73 0.00	34.18 1.82 0.00	32.43 1.62 0.00	33.44 1.65 0.00	33.22 1.80 -0.01	36.54 1.90 -0.01	46.79 2.51 -1.92	55.42 3.30 0.00	171.19 9.68 -2.21	44.37 1.91 -12.54	44.36 2.62 -1.02	47.26 3.09 -0.88	48.00 2.58 -9.62	44.98 2.81 -1.46	55.96 3.68 0.00	51.57 3.56 0.00	61.23 4.27 0.00	70.68 4.99 0.00	59.89 3.79 0.00	66.71 4.44 0.00	76.51 4.48 0.00	116.08 6.30 0.00	50.71 2.77 0.00	47.02 2.52 -0.01
FPL_FAR_ROCK_GT1 24212	34.30 2.34 -2.49	64.97 2.45 -30.16	71.06 2.46 -37.79	65.07 2.48 -30.80	68.76 2.40 -34.95	128.23 2.42 -91.18	48.05 3.15 -2.54	56.39 4.27 0.00	171.50 12.19 0.00	36.49 2.46 -4.12	112.81 3.22 -68.86	147.11 3.66 -100.16	97.96 3.08 -59.08	84.06 3.37 -39.99	56.78 4.47 -0.03	90.64 4.32 -38.30	214.99 5.26 -152.77	228.42 5.74 -156.99	158.67 4.58 -97.98	96.64 5.44 -28.92	134.20 5.73 -56.43	170.31 9.34 -51.19	59.41 3.66 -7.81	47.84 3.35 0.00
FPL_FAR_ROCK_GT2 23815	34.30 2.34 -2.49	64.97 2.45 -30.16	71.06 2.46 -37.79	65.07 2.48 -30.80	68.76 2.40 -34.95	128.23 2.42 -91.18	48.05 3.15 -2.54	56.39 4.27 0.00	171.50 12.19 0.00	36.49 2.46 -4.12	112.81 3.22 -68.86	147.11 3.66 -100.16	97.96 3.08 -59.08	84.06 3.37 -39.99	56.78 4.47 -0.03	90.64 4.32 -38.30	214.99 5.26 -152.77	228.42 5.74 -156.99	158.67 4.58 -97.98	96.64 5.44 -28.92	134.20 5.73 -56.43	170.31 9.34 -51.19	59.41 3.66 -7.81	47.84 3.35 0.00
FRANKLIN_FALL_HYD 24054	29.60 0.12 0.00	32.47 0.12 0.00	30.99 0.18 0.00	32.03 0.25 0.00	31.73 0.32 0.00	35.09 0.46 0.00	42.86 0.51 0.00	52.39 0.27 0.00	160.46 1.15 0.00	30.04 0.13 0.00	40.93 0.20 0.00	43.44 0.15 0.00	35.92 0.12 0.00	40.86 0.16 0.00	52.40 0.13 0.00	48.09 0.08 0.00	57.18 0.22 0.00	65.91 0.21 0.00	56.71 0.61 0.00	62.96 0.69 0.00	72.98 0.95 0.00	111.27 1.49 0.00	48.63 0.68 0.00	44.98 0.49 0.00

GILBOA____ 23599	30.08 0.60 0.00	32.99 0.64 0.00	31.46 0.65 0.00	32.44 0.65 0.00	32.01 0.61 0.00	35.14 0.51 0.00	43.09 0.74 0.00	53.11 0.99 0.00	162.09 2.78 0.00	30.47 0.56 0.00	41.41 0.69 0.00	44.12 0.83 0.00	36.51 0.71 0.00	41.51 0.80 0.00	53.40 1.12 0.00	49.05 1.03 0.00	58.28 1.32 0.00	67.09 1.40 0.01	57.07 0.97 0.00	63.46 1.19 0.00	72.99 0.96 0.00	111.46 1.68 0.00	48.78 0.84 0.00	45.26 0.77 0.00
GINNA____ 23603	26.84 -2.64 0.00	29.47 -2.89 0.00	28.06 -2.75 0.00	29.04 -2.74 0.00	28.72 -2.69 0.00	31.82 -2.81 0.00	38.75 -3.60 0.00	47.95 -4.16 0.00	146.74 -12.57 0.00	27.64 -2.27 0.00	37.87 -2.86 0.00	40.03 -3.26 0.00	32.98 -2.82 0.00	37.31 -3.40 0.00	47.51 -4.76 0.00	43.53 -4.49 0.00	51.43 -5.53 0.00	58.90 -6.61 0.18	50.14 -5.48 0.48	57.05 -5.22 0.00	66.14 -5.89 0.00	100.82 -8.96 0.00	43.72 -4.22 0.00	40.81 -3.68 0.00
GLEN PARK____ 23778	29.01 -0.48 0.00	31.96 -0.39 0.00	30.47 -0.34 0.00	31.39 -0.40 0.00	31.05 -0.36 0.00	34.32 -0.31 0.00	42.23 -0.12 0.00	52.03 -0.09 0.00	158.88 -0.43 0.00	29.70 -0.21 0.00	40.41 -0.31 0.00	42.80 -0.49 0.00	35.33 -0.47 0.00	39.95 -0.76 0.00	51.28 -1.00 0.00	47.12 -0.89 0.00	56.34 -0.62 0.00	65.19 -0.50 0.00	55.95 -0.15 0.00	62.54 0.27 0.00	72.63 0.59 0.00	110.85 1.07 0.00	47.98 0.04 0.00	44.34 -0.15 0.00
GLENDALE_27_KV_LOAD 356172	31.33 1.85 0.00	34.29 1.94 0.00	32.54 1.73 0.00	33.51 1.72 0.00	33.08 1.66 0.00	36.39 1.76 0.00	44.88 2.52 0.00	55.71 3.60 0.00	170.05 10.75 0.00	32.05 2.14 0.00	43.64 2.91 0.00	46.66 3.37 0.00	38.88 2.86 -0.22	43.86 3.15 0.00	56.40 4.13 0.00	52.01 3.99 0.00	61.72 4.76 0.00	71.11 5.43 0.00	60.29 4.19 0.00	67.09 4.82 0.00	76.93 4.90 0.00	116.72 6.94 0.00	50.87 2.93 0.00	47.17 2.68 0.00
GLENWOOD_IC_1_G5 23712	31.86 1.97 -0.41	38.20 2.16 -3.69	37.58 1.98 -4.79	38.10 2.00 -4.32	39.04 1.94 -5.69	54.70 1.98 -18.08	45.59 2.67 -0.56	55.80 3.68 0.00	169.52 10.21 0.00	32.81 2.03 -0.87	53.65 2.83 -10.09	67.08 3.19 -20.61	51.01 2.66 -12.55	52.16 2.97 -8.48	56.15 3.87 0.00	59.98 3.78 -8.18	94.01 4.60 -32.45	123.85 5.23 -52.93	111.46 4.09 -51.26	91.04 4.75 -24.01	99.19 4.86 -22.29	146.89 6.94 -30.16	59.03 2.90 -8.19	47.25 2.76 0.00
GLENWOOD_IC_2_G1 23688	31.47 1.79 -0.21	35.34 1.92 -1.06	34.21 1.77 -1.62	35.25 1.78 -1.68	36.01 1.73 -2.87	37.45 1.76 -1.05	44.77 2.41 -0.02	55.49 3.38 0.00	169.13 9.82 0.00	31.86 1.92 -0.03	43.53 2.59 -0.21	46.85 2.97 -0.59	38.68 2.53 -0.36	43.76 2.81 -0.24	55.97 3.69 0.00	51.85 3.60 -0.23	62.25 4.36 -0.93	72.51 4.96 -1.85	61.95 3.85 -1.99	67.76 4.51 -0.98	77.33 4.60 -0.70	117.49 6.59 -1.12	51.03 2.74 -0.35	47.01 2.52 0.00
GLENWOOD_IC_3_G1 23689	31.47 1.79 -0.21	35.34 1.92 -1.06	34.21 1.77 -1.62	35.25 1.78 -1.68	36.01 1.73 -2.87	37.45 1.76 -1.05	44.77 2.41 -0.02	55.49 3.38 0.00	169.13 9.82 0.00	31.86 1.92 -0.03	43.53 2.59 -0.21	46.85 2.97 -0.59	38.68 2.53 -0.36	43.76 2.81 -0.24	55.97 3.69 0.00	51.85 3.60 -0.23	62.25 4.36 -0.93	72.51 4.96 -1.85	61.95 3.85 -1.99	67.76 4.51 -0.98	77.33 4.60 -0.70	117.49 6.59 -1.12	51.03 2.74 -0.35	47.01 2.52 0.00
GLENWOOD____4 23550	31.86 1.97 -0.41	38.20 2.16 -3.69	37.58 1.98 -4.79	38.10 2.00 -4.32	39.04 1.94 -5.69	54.70 1.98 -18.08	45.59 2.67 -0.56	55.81 3.69 0.00	169.75 10.44 0.00	32.85 2.07 -0.87	53.65 2.83 -10.09	67.11 3.21 -20.61	51.05 2.71 -12.55	52.20 3.01 -8.48	56.22 3.94 0.00	60.04 3.84 -8.18	94.08 4.66 -32.45	123.92 5.30 -52.93	111.53 4.16 -51.26	91.12 4.83 -24.01	99.27 4.95 -22.29	147.07 7.12 -30.16	59.09 2.96 -8.19	47.25 2.76 0.00
GLENWOOD____5 23614	31.86 1.97 -0.41	38.20 2.16 -3.69	37.58 1.98 -4.79	38.10 2.00 -4.32	39.04 1.94 -5.69	54.70 1.98 -18.08	45.59 2.67 -0.56	55.81 3.69 0.00	169.75 10.44 0.00	32.85 2.07 -0.87	53.65 2.83 -10.09	67.11 3.21 -20.61	51.05 2.71 -12.55	52.20 3.01 -8.48	56.22 3.94 0.00	60.04 3.84 -8.18	94.08 4.66 -32.45	123.92 5.30 -52.93	111.53 4.16 -51.26	91.12 4.83 -24.01	99.27 4.95 -22.29	147.07 7.12 -30.16	59.09 2.96 -8.19	47.25 2.76 0.00
GLOBAL GREEN_PORT_GT1 23814	31.66 2.08 -0.10	34.34 2.29 0.30	33.31 2.55 0.06	35.28 3.18 -0.32	36.05 3.26 -1.38	41.50 3.44 -3.44	47.09 4.61 -0.13	58.09 5.98 0.00	175.91 16.60 0.00	33.46 3.36 -0.18	44.76 4.13 0.10	50.74 4.63 -2.81	42.30 3.88 -2.61	46.75 4.28 -1.77	57.77 5.50 0.00	54.88 5.16 -1.70	70.48 6.74 -6.77	93.19 8.12 -19.37	85.13 6.90 -22.13	83.37 8.16 -12.94	87.90 8.95 -6.92	136.83 13.36 -13.69	58.23 5.52 -4.77	49.25 4.75 0.00
GLOBE____DSASP 323697	26.18 -3.30 0.00	28.78 -3.58 0.00	27.47 -3.35 0.00	28.51 -3.27 0.00	28.32 -3.10 0.00	31.44 -3.19 0.00	37.81 -4.54 0.00	46.82 -5.30 0.00	143.66 -15.65 0.00	27.12 -2.80 0.00	37.48 -3.24 0.00	39.44 -3.85 0.00	32.37 -3.43 0.00	36.50 -4.21 0.00	46.03 -6.25 0.00	42.03 -5.99 0.00	49.42 -7.54 0.00	55.85 -9.30 0.54	47.41 -7.83 0.86	55.08 -7.20 0.00	64.04 -8.00 0.00	97.87 -11.91 0.00	42.45 -5.49 0.00	40.21 -4.28 0.00
GOETHSLN____LBMP 323567	31.04 1.56 0.00	34.00 1.65 0.00	32.26 1.44 0.00	33.21 1.42 0.00	32.74 1.33 0.00	36.03 1.41 0.00	44.25 2.09 0.19	55.19 3.08 0.00	168.31 9.23 0.22	30.10 1.77 1.59	43.03 2.47 0.16	46.04 2.89 0.14	37.43 2.49 0.85	43.26 2.70 0.14	55.83 3.55 0.00	51.48 3.46 0.00	61.12 4.16 0.00	70.43 4.74 0.00	59.66 3.55 0.00	66.44 4.17 0.00	76.18 4.14 0.00	115.58 5.80 0.00	50.38 2.44 0.00	46.77 2.28 0.00
GOLAH____69_KV_TB 1_2 80279	27.93 -1.55 0.00	30.67 -1.68 0.00	29.23 -1.59 0.00	30.26 -1.52 0.00	29.91 -1.50 0.00	33.16 -1.47 0.00	40.29 -2.06 0.00	49.91 -2.21 0.00	152.89 -6.42 0.00	28.80 -1.12 0.00	39.53 -1.20 0.00	41.70 -1.58 0.00	34.29 -1.51 0.00	38.74 -1.96 0.00	49.19 -3.09 0.00	45.03 -2.99 0.00	53.11 -3.85 0.00	60.80 -4.65 0.24	51.78 -3.74 0.58	59.28 -2.99 0.00	68.85 -3.19 0.00	105.04 -4.74 0.00	45.49 -2.45 0.00	42.58 -1.91 0.00
GOODYEAR_LAKE_HYD 323669	30.28 0.80 0.00	33.22 0.87 0.00	31.67 0.86 0.00	32.71 0.92 0.00	32.33 0.92 0.00	35.64 1.01 0.00	43.72 1.37 0.00	53.98 1.87 0.00	165.41 6.10 0.00	31.11 1.20 0.00	42.46 1.73 0.00	45.13 1.85 0.00	37.19 1.39 0.00	42.15 1.45 0.00	54.07 1.79 0.00	49.55 1.53 0.00	58.71 1.75 0.00	67.68 1.99 0.01	57.77 1.67 0.00	64.55 2.28 0.00	74.40 2.37 0.00	113.42 3.64 0.00	49.36 1.41 0.00	45.79 1.30 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.27 -0.21 0.00	32.23 -0.13 0.00	30.67 -0.14 0.00	31.72 -0.07 0.00	31.29 -0.12 0.00	34.52 -0.11 0.00	42.18 -0.17 0.00	52.19 0.07 0.00	159.37 0.06 0.00	29.97 0.06 0.00	40.98 0.25 0.00	43.43 0.14 0.00	35.80 0.00 0.00	40.63 -0.08 0.00	51.94 -0.34 0.00	47.65 -0.37 0.00	56.34 -0.62 0.00	64.76 -0.66 0.28	54.95 -0.58 0.58	62.26 -0.02 0.00	71.61 -0.43 0.00	109.43 -0.35 0.00	47.51 -0.44 0.00	44.21 -0.28 0.00

GOUDEY___7 23579	29.27 -0.21 0.00	32.23 -0.13 0.00	30.67 -0.14 0.00	31.72 -0.07 0.00	31.29 -0.12 0.00	34.52 -0.11 0.00	42.18 -0.17 0.00	52.19 0.07 0.00	159.37 0.06 0.00	29.97 0.06 0.00	40.98 0.25 0.00	43.43 0.14 0.00	35.80 0.00 0.00	40.63 -0.08 0.00	51.94 -0.34 0.00	47.65 -0.37 0.00	56.34 -0.62 0.00	64.76 -0.66 0.28	54.95 -0.58 0.58	62.26 -0.02 0.00	71.61 -0.43 0.00	109.43 -0.35 0.00	47.51 -0.44 0.00	44.21 -0.28 0.00
GOUDEY___8 23580	29.27 -0.21 0.00	32.23 -0.13 0.00	30.67 -0.14 0.00	31.72 -0.07 0.00	31.29 -0.12 0.00	34.52 -0.11 0.00	42.18 -0.17 0.00	52.19 0.07 0.00	159.37 0.06 0.00	29.97 0.06 0.00	40.98 0.25 0.00	43.43 0.14 0.00	35.80 0.00 0.00	40.63 -0.08 0.00	51.94 -0.34 0.00	47.65 -0.37 0.00	56.34 -0.62 0.00	64.76 -0.66 0.28	54.95 -0.58 0.58	62.26 -0.02 0.00	71.61 -0.43 0.00	109.43 -0.35 0.00	47.51 -0.44 0.00	44.21 -0.28 0.00
GOWANUS_GT1_1 24077	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT1_2 24078	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT1_3 24079	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT1_4 24080	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT1_5 24084	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT1_6 24111	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT1_7 24112	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT1_8 24113	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT2_1 24114	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT2_2 24115	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT2_3 24116	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT2_4 24117	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT2_5 24118	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01

GOWANUS_GT2_6 24119	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT2_7 24120	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT2_8 24121	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT3_1 24122	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT3_2 24123	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT3_3 24124	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT3_4 24125	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT3_5 24126	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT3_6 24127	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT3_7 24128	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT3_8 24129	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT4_1 24130	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT4_2 24131	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT4_3 24132	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT4_4 24133	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01

GOWANUS_GT4_5 24134	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT4_6 24135	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT4_7 24136	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GOWANUS_GT4_8 24137	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GREATVR_69_KV_BK1 356245	32.23 2.62 -0.13	35.28 2.88 -0.05	33.87 2.69 -0.37	35.21 2.75 -0.67	35.84 2.67 -1.76	41.80 2.71 -4.46	46.06 3.55 -0.16	56.83 4.72 0.00	172.57 13.26 0.00	32.80 2.66 -0.23	44.70 3.31 -0.66	51.10 3.81 -3.99	42.31 3.22 -3.29	46.49 3.55 -2.23	56.88 4.60 0.00	54.68 4.52 -2.15	71.12 5.63 -8.53	93.58 6.56 -21.32	85.08 5.43 -23.54	82.08 6.38 -13.42	86.69 6.74 -7.92	134.58 10.22 -14.58	57.02 4.19 -4.89	48.16 3.66 0.00
GREENBSH_115KV_TB3 55895	29.99 0.51 0.00	32.86 0.51 0.00	31.20 0.39 0.00	32.14 0.36 0.00	31.74 0.33 0.00	34.96 0.33 0.00	42.84 0.49 0.00	52.82 0.70 0.00	160.76 1.45 0.00	30.13 0.22 0.00	40.79 0.06 0.00	43.28 -0.01 0.00	35.98 0.18 0.00	40.98 0.27 0.00	52.88 0.61 0.00	48.63 0.61 0.00	57.76 0.80 0.00	66.72 1.03 0.00	56.85 0.75 0.00	63.15 0.88 0.00	72.81 0.77 0.00	110.92 1.14 0.00	48.53 0.60 0.00	44.93 0.44 0.00
GREENDGE_115KV_TB5 80291	28.64 -0.84 0.00	31.54 -0.82 0.00	30.04 -0.78 0.00	31.09 -0.69 0.00	30.77 -0.65 0.00	34.09 -0.54 0.00	41.65 -0.70 0.00	51.47 -0.64 0.00	155.60 -3.71 0.00	29.55 -0.37 0.00	40.38 -0.34 0.00	42.68 -0.61 0.00	35.09 -0.70 0.00	39.72 -0.98 0.00	50.59 -1.69 0.00	46.46 -1.56 0.00	54.63 -2.34 0.00	61.81 -2.86 1.03	51.46 -2.28 2.37	60.45 -1.82 0.00	69.88 -2.15 0.00	106.53 -3.25 0.00	46.55 -1.39 0.00	43.41 -1.08 0.00
GREENIDGE___3 23582	28.64 -0.84 0.00	31.54 -0.82 0.00	30.04 -0.78 0.00	31.09 -0.69 0.00	30.77 -0.65 0.00	34.09 -0.54 0.00	41.65 -0.70 0.00	51.47 -0.64 0.00	155.60 -3.71 0.00	29.55 -0.37 0.00	40.38 -0.34 0.00	42.68 -0.61 0.00	35.09 -0.70 0.00	39.72 -0.98 0.00	50.59 -1.69 0.00	46.46 -1.56 0.00	54.63 -2.34 0.00	61.81 -2.86 1.03	51.46 -2.28 2.37	60.45 -1.82 0.00	69.88 -2.15 0.00	106.53 -3.25 0.00	46.55 -1.39 0.00	43.41 -1.08 0.00
GREENIDGE___4 23583	28.64 -0.84 0.00	31.53 -0.82 0.00	30.03 -0.78 0.00	31.09 -0.69 0.00	30.76 -0.65 0.00	34.09 -0.54 0.00	41.65 -0.70 0.00	51.48 -0.64 0.00	155.59 -3.72 0.00	29.54 -0.37 0.00	40.38 -0.34 0.00	42.67 -0.62 0.00	35.09 -0.71 0.00	39.72 -0.99 0.00	50.59 -1.69 0.00	46.46 -1.56 0.00	54.63 -2.33 0.00	61.81 -2.86 1.03	51.46 -2.28 2.37	60.45 -1.82 0.00	69.88 -2.16 0.00	106.53 -3.25 0.00	46.56 -1.39 0.00	43.40 -1.09 0.00
GREENLWN_69_KV_BK 3 55738	31.72 2.13 -0.11	34.58 2.41 0.18	33.13 2.22 -0.09	34.51 2.28 -0.45	35.12 2.20 -1.52	40.65 2.17 -3.85	45.34 2.85 -0.14	56.00 3.88 0.00	170.17 10.86 0.00	32.32 2.21 -0.20	43.67 2.75 -0.19	49.85 3.27 -3.29	41.48 2.80 -2.89	45.73 3.07 -1.96	56.35 4.07 0.00	53.81 3.91 -1.88	69.31 4.85 -7.49	91.56 5.60 -20.26	83.48 4.51 -22.86	80.73 5.24 -13.22	84.84 5.44 -7.36	131.84 7.92 -14.13	56.05 3.26 -4.85	47.38 2.88 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
GRISSOM___SOLAR 323813	30.82 1.35 0.00	33.77 1.42 0.00	32.16 1.35 0.00	33.18 1.40 0.00	32.83 1.42 0.00	36.25 1.62 0.00	44.49 2.14 0.00	54.79 2.68 0.00	167.14 7.83 0.00	31.39 1.48 0.00	42.67 1.95 0.00	45.09 1.80 0.00	37.00 1.20 0.00	41.93 1.23 0.00	53.89 1.61 0.00	49.05 1.02 0.00	58.35 1.39 0.00	68.03 2.34 0.00	58.68 2.58 0.00	65.62 3.34 0.00	75.87 3.83 0.00	115.52 5.74 0.00	50.32 2.38 0.00	46.59 2.10 0.00
GROVEVILLE___HYD 323602	31.12 1.64 0.00	34.08 1.73 0.00	32.36 1.55 0.00	33.35 1.56 0.00	32.92 1.51 0.00	36.25 1.62 0.00	44.61 2.25 0.00	55.26 3.15 0.00	168.58 9.28 0.00	31.62 1.71 0.00	43.06 2.34 0.00	45.99 2.70 0.00	38.12 2.32 0.00	43.32 2.61 0.00	55.78 3.50 0.00	51.47 3.45 0.00	61.11 4.15 0.00	70.44 4.75 0.00	59.83 3.72 0.00	66.67 4.40 0.00	76.55 4.52 0.00	116.22 6.44 0.00	50.62 2.68 0.00	46.89 2.40 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.90 -0.58 0.00	31.77 -0.58 0.00	30.23 -0.58 0.00	31.22 -0.57 0.00	30.85 -0.56 0.00	34.06 -0.57 0.00	41.67 -0.68 0.00	51.36 -0.75 0.00	156.97 -2.34 0.00	29.50 -0.41 0.00	40.20 -0.52 0.00	42.65 -0.64 0.00	35.20 -0.61 0.00	39.97 -0.73 0.00	51.28 -1.00 0.00	47.10 -0.92 0.00	55.81 -1.15 0.00	64.45 -1.25 0.00	55.01 -1.09 0.00	61.42 -0.85 0.00	70.98 -1.06 0.00	108.20 -1.58 0.00	47.08 -0.86 0.00	43.73 -0.76 0.00
HAMLTNNY_34_KV_TB 80303	28.80 -0.68 0.00	31.65 -0.70 0.00	30.10 -0.72 0.00	31.11 -0.68 0.00	30.77 -0.64 0.00	33.98 -0.65 0.00	41.57 -0.78 0.00	51.21 -0.91 0.00	156.50 -2.81 0.00	29.42 -0.49 0.00	40.10 -0.63 0.00	42.52 -0.77 0.00	35.08 -0.72 0.00	39.82 -0.88 0.00	51.05 -1.23 0.00	46.85 -1.17 0.00	55.42 -1.54 0.00	63.98 -1.72 0.00	54.63 -1.48 0.00	61.14 -1.14 0.00	70.75 -1.29 0.00	107.88 -1.90 0.00	46.95 -0.99 0.00	43.59 -0.91 0.00

HAMPSHIRE___PAPER_HYD 323593	28.72 -0.77 0.00	31.57 -0.78 0.00	30.13 -0.68 0.00	31.07 -0.71 0.00	30.76 -0.65 0.00	33.98 -0.65 0.00	41.62 -0.73 0.00	50.94 -1.17 0.00	155.89 -3.42 0.00	29.19 -0.72 0.00	39.72 -1.01 0.00	42.11 -1.18 0.00	34.78 -1.02 0.00	39.47 -1.23 0.00	50.70 -1.58 0.00	46.63 -1.39 0.00	55.56 -1.40 0.00	64.02 -1.68 0.00	55.03 -1.07 0.00	61.21 -1.07 0.00	70.99 -1.05 0.00	108.31 -1.47 0.00	47.27 -0.67 0.00	43.76 -0.73 0.00
HARDSCRABBLE_WT_PWR 323673	29.60 0.12 0.00	32.48 0.12 0.00	30.81 0.00 0.00	31.73 -0.06 0.00	31.32 -0.08 0.00	34.59 -0.04 0.00	42.49 0.15 0.00	52.48 0.37 0.00	159.89 0.58 0.00	29.97 0.06 0.00	40.49 -0.24 0.00	42.80 -0.49 0.00	35.42 -0.38 0.00	40.43 -0.28 0.00	51.99 -0.29 0.00	47.68 -0.34 0.00	56.77 -0.20 0.00	65.68 -0.02 0.00	56.27 0.17 0.00	62.83 0.55 0.00	72.44 0.41 0.00	110.09 0.31 0.00	48.06 0.12 0.00	44.47 -0.02 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.93 1.45 0.00	33.87 1.51 0.00	32.15 1.34 0.00	33.15 1.36 0.00	32.71 1.30 0.00	36.01 1.39 0.00	44.33 1.97 0.00	54.96 2.84 0.00	167.75 8.44 0.00	31.48 1.57 0.00	42.94 2.22 0.00	45.88 2.59 0.00	38.00 2.20 0.00	43.15 2.45 0.00	55.63 3.35 0.00	51.26 3.25 0.00	60.84 3.88 0.00	70.17 4.48 0.00	59.56 3.46 0.00	66.37 4.10 0.00	76.17 4.13 0.00	115.56 5.78 0.00	50.35 2.41 0.00	46.67 2.18 0.00
HARSNRAD_115KV_TB1 81005	26.67 -2.81 0.00	29.34 -3.02 0.00	27.98 -2.83 0.00	29.05 -2.74 0.00	28.66 -2.75 0.00	31.81 -2.82 0.00	38.30 -4.05 0.00	47.49 -4.62 0.00	145.71 -13.60 0.00	27.50 -2.41 0.00	37.99 -2.73 0.00	39.95 -3.34 0.00	32.76 -3.04 0.00	36.91 -3.79 0.00	46.59 -5.69 0.00	42.57 -5.45 0.00	50.06 -6.90 0.00	56.75 -8.45 0.50	48.39 -6.86 0.85	56.17 -6.10 0.00	65.32 -6.72 0.00	99.91 -9.87 0.00	43.29 -4.65 0.00	40.87 -3.62 0.00
HARZA MOOSE___RIVER 24016	29.49 0.01 0.00	32.46 0.10 0.00	30.92 0.11 0.00	31.87 0.08 0.00	31.49 0.08 0.00	34.75 0.12 0.00	42.63 0.28 0.00	52.52 0.41 0.00	160.44 1.13 0.00	30.08 0.16 0.00	40.92 0.19 0.00	43.42 0.13 0.00	35.84 0.04 0.00	40.64 -0.07 0.00	52.21 -0.07 0.00	48.06 0.05 0.00	57.15 0.19 0.00	66.11 0.41 0.00	56.63 0.52 0.00	63.11 0.84 0.00	72.97 0.93 0.00	111.32 1.54 0.00	48.41 0.47 0.00	44.83 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.82 -0.66 0.00	31.69 -0.66 0.00	30.16 -0.65 0.00	31.14 -0.64 0.00	30.77 -0.64 0.00	33.97 -0.66 0.00	41.54 -0.81 0.00	51.26 -0.86 0.00	156.65 -2.66 0.00	29.45 -0.46 0.00	40.16 -0.57 0.00	42.60 -0.68 0.00	35.16 -0.64 0.00	39.91 -0.80 0.00	51.18 -1.10 0.00	46.98 -1.04 0.00	55.68 -1.29 0.00	64.22 -1.47 0.00	54.82 -1.29 0.00	61.21 -1.06 0.00	70.69 -1.35 0.00	107.78 -2.01 0.00	46.90 -1.04 0.00	43.58 -0.91 0.00
HELLGATE_13_KV_LD 55870	31.36 1.88 0.00	34.33 1.97 0.00	32.59 1.78 0.00	33.54 1.75 0.00	33.10 1.69 0.00	36.43 1.80 0.00	44.92 2.57 0.00	55.76 3.65 0.00	170.31 11.00 0.00	32.09 2.18 0.00	43.68 2.96 0.00	46.74 3.45 0.00	38.93 2.91 -0.22	43.91 3.20 0.00	56.49 4.21 0.00	52.07 4.05 0.00	61.80 4.84 0.00	71.22 5.53 0.00	60.34 4.24 0.00	67.14 4.87 0.00	77.00 4.97 0.00	116.82 7.04 0.00	50.90 2.96 0.00	47.20 2.71 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.36 1.88 0.00	34.33 1.97 0.00	32.59 1.78 0.00	33.54 1.75 0.00	33.10 1.69 0.00	36.43 1.80 0.00	44.92 2.57 0.00	55.76 3.65 0.00	170.31 11.00 0.00	32.09 2.18 0.00	43.68 2.96 0.00	46.74 3.45 0.00	38.93 2.91 -0.22	43.91 3.20 0.00	56.49 4.21 0.00	52.07 4.05 0.00	61.80 4.84 0.00	71.22 5.53 0.00	60.34 4.24 0.00	67.14 4.87 0.00	77.00 4.97 0.00	116.82 7.04 0.00	50.90 2.96 0.00	47.20 2.71 0.00
HEMPSTEAD____ 23647	31.87 1.94 -0.44	38.60 2.14 -4.10	38.04 2.02 -5.21	38.55 2.04 -4.73	39.47 1.99 -6.08	53.55 1.97 -16.94	45.48 2.61 -0.52	55.73 3.61 0.00	169.32 10.01 0.00	32.76 2.04 -0.81	53.05 2.67 -9.65	64.95 3.09 -18.58	50.06 2.62 -11.64	51.47 2.89 -7.87	56.05 3.77 0.00	59.32 3.69 -7.61	91.53 4.46 -30.10	118.06 5.11 -47.26	104.75 4.03 -44.61	88.05 4.69 -21.09	98.18 4.79 -21.35	144.11 6.94 -27.39	57.89 2.89 -7.06	47.13 2.64 0.00
HICKLING___1 23621	28.71 -0.77 0.00	31.71 -0.64 0.00	30.22 -0.59 0.00	31.30 -0.49 0.00	30.96 -0.45 0.00	34.28 -0.35 0.00	41.83 -0.52 0.00	51.94 -0.18 0.00	158.68 -0.63 0.00	29.85 -0.07 0.00	40.99 0.27 0.00	43.28 -0.01 0.00	35.59 -0.21 0.00	40.28 -0.42 0.00	51.29 -0.99 0.00	47.02 -1.00 0.00	55.47 -1.50 0.00	62.63 -1.78 1.29	51.79 -1.39 2.92	61.69 -0.59 0.00	70.94 -1.09 0.00	108.54 -1.24 0.00	46.95 -0.99 0.00	43.83 -0.66 0.00
HICKLING___2 23622	28.71 -0.77 0.00	31.71 -0.64 0.00	30.22 -0.59 0.00	31.30 -0.49 0.00	30.96 -0.45 0.00	34.28 -0.35 0.00	41.83 -0.52 0.00	51.94 -0.18 0.00	158.68 -0.63 0.00	29.85 -0.07 0.00	40.99 0.27 0.00	43.28 -0.01 0.00	35.59 -0.21 0.00	40.28 -0.42 0.00	51.29 -0.99 0.00	47.02 -1.00 0.00	55.47 -1.50 0.00	62.63 -1.78 1.29	51.79 -1.39 2.92	61.69 -0.59 0.00	70.94 -1.09 0.00	108.54 -1.24 0.00	46.95 -0.99 0.00	43.83 -0.66 0.00
HIGH FALLS___HY 23754	31.17 1.68 0.00	34.13 1.78 0.00	32.42 1.61 0.00	33.42 1.64 0.00	32.99 1.58 0.00	36.32 1.69 0.00	44.72 2.37 0.00	55.42 3.31 0.00	169.00 9.69 0.00	31.59 1.68 0.00	43.04 2.32 0.00	45.87 2.58 0.00	38.05 2.25 0.00	43.18 2.47 0.00	55.66 3.39 0.00	51.64 3.62 0.00	61.39 4.43 0.00	70.72 5.03 0.00	60.04 3.93 0.00	66.94 4.67 0.00	76.85 4.81 0.00	116.64 6.86 0.00	50.75 2.81 0.00	47.04 2.55 0.00
HIGH_RIVER___SOLAR 323847	30.49 1.01 0.00	33.40 1.05 0.00	31.78 0.97 0.00	32.78 0.99 0.00	32.41 0.99 0.00	35.73 1.11 0.00	43.81 1.46 0.00	53.93 1.82 0.00	164.31 5.01 0.00	30.87 0.96 0.00	41.93 1.21 0.00	44.48 1.19 0.00	36.63 0.83 0.00	41.68 0.97 0.00	53.59 1.32 0.00	48.97 0.95 0.00	58.29 1.33 0.00	67.20 1.52 0.00	57.89 1.79 0.00	64.63 2.36 0.00	74.64 2.61 0.00	113.75 3.97 0.00	49.62 1.68 0.00	45.96 1.47 0.00
HILLBURN___GT 23639	30.90 1.42 0.00	33.85 1.49 0.00	32.12 1.32 0.00	33.11 1.33 0.00	32.67 1.26 0.00	35.98 1.35 0.00	44.29 1.94 0.00	54.93 2.81 0.00	167.74 8.43 0.00	31.49 1.58 0.00	42.95 2.23 0.00	45.91 2.62 0.00	38.02 2.23 0.00	43.14 2.44 0.00	55.56 3.28 0.00	51.24 3.22 0.00	60.83 3.87 0.00	70.11 4.42 0.00	59.48 3.37 0.00	66.29 4.02 0.00	76.04 4.00 0.00	115.36 5.58 0.00	50.28 2.35 0.00	46.63 2.14 0.00
HILLSIDE_115KV_TB1 80332	28.56 -0.92 0.00	31.54 -0.82 0.00	30.02 -0.79 0.00	31.08 -0.70 0.00	30.67 -0.74 0.00	33.89 -0.74 0.00	41.38 -0.98 0.00	51.31 -0.81 0.00	156.69 -2.62 0.00	29.48 -0.43 0.00	40.46 -0.27 0.00	42.78 -0.51 0.00	35.18 -0.62 0.00	39.88 -0.82 0.00	50.81 -1.47 0.00	46.61 -1.41 0.00	54.96 -2.00 0.00	62.24 -2.27 1.18	51.53 -1.90 2.68	61.05 -1.23 0.00	70.01 -2.02 0.00	107.24 -2.54 0.00	46.44 -1.50 0.00	43.30 -1.19 0.00

HISHELDN_WT_PWR 323625	27.28 -2.20 0.00	30.08 -2.27 0.00	28.68 -2.13 0.00	29.77 -2.01 0.00	29.44 -1.96 0.00	32.62 -2.01 0.00	39.44 -2.91 0.00	48.97 -3.15 0.00	149.95 -9.36 0.00	28.29 -1.62 0.00	39.00 -1.73 0.00	41.04 -2.25 0.00	33.72 -2.08 0.00	38.04 -2.67 0.00	48.14 -4.14 0.00	43.97 -4.05 0.00	51.79 -5.17 0.00	58.70 -6.32 0.67	49.69 -5.16 1.25	57.92 -4.34 0.00	67.10 -4.93 0.00	102.74 -7.04 0.00	44.45 -3.48 0.00	41.82 -2.67 0.00
HOLTSVILLE_IC_1 23690	31.92 2.34 -0.10	34.58 2.55 0.32	33.20 2.47 0.08	34.62 2.53 -0.30	35.21 2.45 -1.36	40.39 2.39 -3.37	45.60 3.12 -0.12	56.26 4.14 0.00	170.91 11.60 0.00	32.47 2.38 -0.18	43.49 2.92 0.14	49.42 3.38 -2.75	41.24 2.88 -2.57	45.60 3.15 -1.74	56.35 4.08 0.00	53.68 3.99 -1.68	68.65 5.02 -6.67	90.80 5.86 -19.25	82.98 4.83 -22.04	80.87 5.69 -12.91	84.84 5.94 -6.86	132.24 8.82 -13.64	56.35 3.64 -4.76	47.67 3.18 0.00
HOLTSVILLE_IC_10 23699	32.08 2.50 -0.10	34.81 2.70 0.24	33.44 2.61 -0.02	34.84 2.67 -0.38	35.44 2.59 -1.45	40.81 2.56 -3.62	45.83 3.35 -0.13	56.52 4.41 0.00	171.71 12.40 0.00	32.63 2.53 -0.19	43.86 3.10 -0.04	49.89 3.58 -3.03	41.58 3.05 -2.73	45.90 3.35 -1.85	56.62 4.34 0.00	54.05 4.25 -1.78	69.39 5.35 -7.09	91.72 6.30 -19.72	83.75 5.24 -22.40	81.48 6.18 -13.03	85.61 6.47 -7.10	133.24 9.60 -13.85	56.68 3.94 -4.79	47.93 3.44 0.00
HOLTSVILLE_IC_2 23691	31.92 2.34 -0.10	34.58 2.55 0.32	33.20 2.47 0.08	34.62 2.53 -0.30	35.21 2.45 -1.36	40.39 2.39 -3.37	45.60 3.12 -0.12	56.26 4.14 0.00	170.91 11.60 0.00	32.47 2.38 -0.18	43.49 2.92 0.14	49.42 3.38 -2.75	41.24 2.88 -2.57	45.60 3.15 -1.74	56.35 4.08 0.00	53.68 3.99 -1.68	68.65 5.02 -6.67	90.80 5.86 -19.25	82.98 4.83 -22.04	80.87 5.69 -12.91	84.84 5.94 -6.86	132.24 8.82 -13.64	56.35 3.64 -4.76	47.67 3.18 0.00
HOLTSVILLE_IC_3 23692	31.92 2.34 -0.10	34.58 2.55 0.32	33.20 2.47 0.08	34.62 2.53 -0.30	35.21 2.45 -1.36	40.39 2.39 -3.37	45.60 3.12 -0.12	56.26 4.14 0.00	170.91 11.60 0.00	32.47 2.38 -0.18	43.49 2.92 0.14	49.42 3.38 -2.75	41.24 2.88 -2.57	45.60 3.15 -1.74	56.35 4.08 0.00	53.68 3.99 -1.68	68.65 5.02 -6.67	90.80 5.86 -19.25	82.98 4.83 -22.04	80.87 5.69 -12.91	84.84 5.94 -6.86	132.24 8.82 -13.64	56.35 3.64 -4.76	47.67 3.18 0.00
HOLTSVILLE_IC_4 23693	31.92 2.34 -0.10	34.58 2.55 0.32	33.20 2.47 0.08	34.62 2.53 -0.30	35.21 2.45 -1.36	40.39 2.39 -3.37	45.60 3.12 -0.12	56.26 4.14 0.00	170.91 11.60 0.00	32.47 2.38 -0.18	43.49 2.92 0.14	49.42 3.38 -2.75	41.24 2.88 -2.57	45.60 3.15 -1.74	56.35 4.08 0.00	53.68 3.99 -1.68	68.65 5.02 -6.67	90.80 5.86 -19.25	82.98 4.83 -22.04	80.87 5.69 -12.91	84.84 5.94 -6.86	132.24 8.82 -13.64	56.35 3.64 -4.76	47.67 3.18 0.00
HOLTSVILLE_IC_5 23694	31.92 2.34 -0.10	34.58 2.55 0.32	33.20 2.47 0.08	34.62 2.53 -0.30	35.21 2.45 -1.36	40.39 2.39 -3.37	45.60 3.12 -0.12	56.26 4.14 0.00	170.91 11.60 0.00	32.47 2.38 -0.18	43.49 2.92 0.14	49.42 3.38 -2.75	41.24 2.88 -2.57	45.60 3.15 -1.74	56.35 4.08 0.00	53.68 3.99 -1.68	68.65 5.02 -6.67	90.80 5.86 -19.25	82.98 4.83 -22.04	80.87 5.69 -12.91	84.84 5.94 -6.86	132.24 8.82 -13.64	56.35 3.64 -4.76	47.67 3.18 0.00
HOLTSVILLE_IC_6 23695	32.08 2.50 -0.10	34.81 2.70 0.24	33.44 2.61 -0.02	34.84 2.67 -0.38	35.44 2.59 -1.45	40.81 2.56 -3.62	45.83 3.35 -0.13	56.52 4.41 0.00	171.71 12.40 0.00	32.63 2.53 -0.19	43.86 3.10 -0.04	49.89 3.58 -3.03	41.58 3.05 -2.73	45.90 3.35 -1.85	56.62 4.34 0.00	54.05 4.25 -1.78	69.39 5.35 -7.09	91.72 6.30 -19.72	83.75 5.24 -22.40	81.48 6.18 -13.03	85.61 6.47 -7.10	133.24 9.60 -13.85	56.68 3.94 -4.79	47.93 3.44 0.00
HOLTSVILLE_IC_7 23696	32.08 2.50 -0.10	34.81 2.70 0.24	33.44 2.61 -0.02	34.84 2.67 -0.38	35.44 2.59 -1.45	40.81 2.56 -3.62	45.83 3.35 -0.13	56.52 4.41 0.00	171.71 12.40 0.00	32.63 2.53 -0.19	43.86 3.10 -0.04	49.89 3.58 -3.03	41.58 3.05 -2.73	45.90 3.35 -1.85	56.62 4.34 0.00	54.05 4.25 -1.78	69.39 5.35 -7.09	91.72 6.30 -19.72	83.75 5.24 -22.40	81.48 6.18 -13.03	85.61 6.47 -7.10	133.24 9.60 -13.85	56.68 3.94 -4.79	47.93 3.44 0.00
HOLTSVILLE_IC_8 23697	32.08 2.50 -0.10	34.81 2.70 0.24	33.44 2.61 -0.02	34.84 2.67 -0.38	35.44 2.59 -1.45	40.81 2.56 -3.62	45.83 3.35 -0.13	56.52 4.41 0.00	171.71 12.40 0.00	32.63 2.53 -0.19	43.86 3.10 -0.04	49.89 3.58 -3.03	41.58 3.05 -2.73	45.90 3.35 -1.85	56.62 4.34 0.00	54.05 4.25 -1.78	69.39 5.35 -7.09	91.72 6.30 -19.72	83.75 5.24 -22.40	81.48 6.18 -13.03	85.61 6.47 -7.10	133.24 9.60 -13.85	56.68 3.94 -4.79	47.93 3.44 0.00
HOLTSVILLE_IC_9 23698	32.08 2.50 -0.10	34.81 2.70 0.24	33.44 2.61 -0.02	34.84 2.67 -0.38	35.44 2.59 -1.45	40.81 2.56 -3.62	45.83 3.35 -0.13	56.52 4.41 0.00	171.71 12.40 0.00	32.63 2.53 -0.19	43.86 3.10 -0.04	49.89 3.58 -3.03	41.58 3.05 -2.73	45.90 3.35 -1.85	56.62 4.34 0.00	54.05 4.25 -1.78	69.39 5.35 -7.09	91.72 6.30 -19.72	83.75 5.24 -22.40	81.48 6.18 -13.03	85.61 6.47 -7.10	133.24 9.60 -13.85	56.68 3.94 -4.79	47.93 3.44 0.00
HOMER_HL_115KV_TB2 355744	28.27 -1.21 0.00	31.25 -1.10 0.00	29.79 -1.02 0.00	30.93 -0.86 0.00	30.49 -0.92 0.00	33.64 -0.99 0.00	40.58 -1.77 0.00	50.61 -1.51 0.00	155.28 -4.03 0.00	29.31 -0.60 0.00	40.50 -0.22 0.00	42.70 -0.59 0.00	35.07 -0.73 0.00	39.59 -1.11 0.00	49.91 -2.37 0.00	45.44 -2.57 0.00	53.14 -3.82 0.00	60.47 -4.54 0.68	51.04 -3.78 1.28	59.69 -2.58 0.00	68.82 -3.21 0.00	105.41 -4.37 0.00	45.53 -2.41 0.00	42.84 -1.65 0.00
HOWARD_WT_PWR 323690	27.81 -1.67 0.00	30.69 -1.67 0.00	29.37 -1.44 0.00	30.60 -1.19 0.00	30.45 -0.96 0.00	33.94 -0.69 0.00	41.32 -1.03 0.00	51.38 -0.73 0.00	156.91 -2.40 0.00	29.54 -0.37 0.00	40.62 -0.10 0.00	42.71 -0.58 0.00	35.11 -0.69 0.00	39.58 -1.12 0.00	50.30 -1.98 0.00	46.07 -1.94 0.00	54.21 -2.75 0.00	60.95 -3.53 1.21	50.80 -2.61 2.70	60.57 -1.71 0.00	70.01 -2.02 0.00	106.96 -2.82 0.00	46.16 -1.78 0.00	43.31 -1.19 0.00
HQ_GEN_CEDARS 23644	29.61 0.13 0.00	32.48 0.13 0.00	31.01 0.20 0.00	32.04 0.25 0.00	31.73 0.32 0.00	35.04 0.41 0.00	42.74 0.39 0.00	52.02 -0.09 0.00	159.62 0.31 0.00	29.91 0.00 0.00	40.76 0.03 0.00	43.25 -0.03 0.00	35.76 -0.05 0.00	40.71 0.00 0.00	52.20 -0.08 0.00	47.93 -0.09 0.00	57.07 0.11 0.00	65.39 -0.30 0.00	56.31 0.21 0.00	62.38 0.11 0.00	72.35 0.31 0.00	110.35 0.57 0.00	48.48 0.54 0.00	44.99 0.50 0.00
HQ_GEN_CEDARS_PROXY 323590	29.61 0.13 0.00	32.48 0.13 0.00	31.01 0.20 0.00	32.04 0.25 0.00	31.73 0.32 0.00	35.04 0.41 0.00	42.74 0.39 0.00	52.02 -0.09 0.00	159.62 0.31 0.00	29.91 0.00 0.00	40.76 0.03 0.00	43.25 -0.03 0.00	35.76 -0.05 0.00	40.71 0.00 0.00	52.20 -0.08 0.00	47.93 -0.09 0.00	57.07 0.11 0.00	65.39 -0.31 0.00	56.31 0.21 0.00	62.38 0.11 0.00	72.35 0.31 0.00	110.35 0.58 0.00	48.48 0.54 0.00	44.99 0.50 0.00

HQ_GEN_IMPORT 323601	29.62 0.14 0.00	32.49 0.14 0.00	30.99 0.18 0.00	31.98 0.19 0.00	31.63 0.22 0.00	34.89 0.26 0.00	42.59 0.24 0.00	52.20 0.08 0.00	132.29 0.51 27.53	29.99 0.08 0.00	40.88 0.16 0.00	43.44 0.15 0.00	35.92 0.12 0.00	40.87 0.16 0.00	52.35 0.17 0.09	48.15 0.13 0.00	57.12 0.16 0.00	65.86 0.16 0.00	56.63 0.30 -0.21	62.32 0.04 0.00	72.38 0.34 0.00	110.32 0.54 0.00	48.23 0.29 0.00	44.76 0.27 0.00
HQ_GEN_WHEEL 23651	29.62 0.14 0.00	32.49 0.14 0.00	30.99 0.18 0.00	31.98 0.19 0.00	31.63 0.22 0.00	34.89 0.26 0.00	42.59 0.24 0.00	52.20 0.08 0.00	132.29 0.51 27.53	29.99 0.08 0.00	40.88 0.16 0.00	43.44 0.15 0.00	35.92 0.12 0.00	40.87 0.16 0.00	52.35 0.17 0.09	48.15 0.13 0.00	57.12 0.16 0.00	65.86 0.16 0.00	56.63 0.30 -0.21	62.32 0.04 0.00	72.38 0.34 0.00	110.32 0.54 0.00	48.23 0.29 0.00	44.76 0.27 0.00
HUDSON AVE_GT_3 23810	31.21 1.73 0.00	34.17 1.82 0.00	32.44 1.62 0.00	33.39 1.61 0.00	32.95 1.55 0.00	36.28 1.65 0.00	44.71 2.36 0.00	55.53 3.41 0.00	169.52 10.21 0.00	31.89 1.98 0.00	43.44 2.72 0.00	46.44 3.15 0.00	38.72 2.71 -0.22	43.68 2.97 0.00	56.16 3.88 0.00	51.79 3.77 0.00	61.50 4.54 0.00	70.85 5.16 0.00	60.03 3.92 0.00	66.84 4.57 0.00	76.66 4.63 0.00	116.29 6.50 0.00	50.67 2.73 0.00	47.02 2.53 0.00
HUDSON AVE_GT_4 23540	31.21 1.73 0.00	34.17 1.82 0.00	32.44 1.62 0.00	33.39 1.61 0.00	32.95 1.55 0.00	36.28 1.65 0.00	44.71 2.36 0.00	55.53 3.41 0.00	169.52 10.21 0.00	31.89 1.98 0.00	43.44 2.72 0.00	46.44 3.15 0.00	38.72 2.71 -0.22	43.68 2.97 0.00	56.16 3.88 0.00	51.79 3.77 0.00	61.50 4.54 0.00	70.85 5.16 0.00	60.03 3.92 0.00	66.84 4.57 0.00	76.66 4.63 0.00	116.29 6.50 0.00	50.67 2.73 0.00	47.02 2.53 0.00
HUDSON AVE_GT_5 23657	31.21 1.73 0.00	34.17 1.82 0.00	32.44 1.62 0.00	33.39 1.61 0.00	32.95 1.55 0.00	36.28 1.65 0.00	44.71 2.36 0.00	55.53 3.41 0.00	169.52 10.21 0.00	31.89 1.98 0.00	43.44 2.72 0.00	46.44 3.15 0.00	38.72 2.71 -0.22	43.68 2.97 0.00	56.16 3.88 0.00	51.79 3.77 0.00	61.50 4.54 0.00	70.85 5.16 0.00	60.03 3.92 0.00	66.84 4.57 0.00	76.66 4.63 0.00	116.29 6.50 0.00	50.67 2.73 0.00	47.02 2.53 0.00
HUDSON_AVE_10 24168	31.10 1.62 0.00	34.03 1.68 0.00	32.28 1.47 0.00	33.23 1.45 0.01	32.79 1.38 0.01	36.09 1.46 0.00	44.51 2.16 0.00	55.30 3.19 0.00	168.87 9.56 0.00	31.75 1.84 0.00	43.38 2.56 -0.10	47.27 2.95 -1.03	38.58 2.56 -0.22	43.51 2.79 0.00	55.93 3.65 0.00	51.56 3.55 0.00	61.23 4.27 0.00	71.10 4.82 -0.59	61.64 3.62 -1.92	66.56 4.28 0.00	76.32 4.29 0.00	115.82 6.03 0.00	50.47 2.53 0.00	46.82 2.33 0.00
HUDSON___115KV_TB 4 355613	30.46 0.97 0.00	33.35 1.00 0.00	31.67 0.86 0.00	32.64 0.85 0.00	32.23 0.82 0.00	35.52 0.89 0.00	43.57 1.21 0.00	53.61 1.50 0.00	163.03 3.72 0.00	30.44 0.53 0.00	41.30 0.58 0.00	43.92 0.63 0.00	36.47 0.67 0.00	41.47 0.76 0.00	53.41 1.13 0.00	49.18 1.16 0.00	58.56 1.60 0.00	67.90 2.21 0.00	57.84 1.74 0.00	64.48 2.21 0.00	74.37 2.33 0.00	113.19 3.41 0.00	49.44 1.50 0.00	45.73 1.24 0.00
HUNTER MOUNT___DRP 323613	30.55 1.06 0.00	33.45 1.10 0.00	31.77 0.96 0.00	32.74 0.95 0.00	32.33 0.92 0.00	35.65 1.02 0.00	43.73 1.37 0.00	53.81 1.70 0.00	163.70 4.39 0.00	30.56 0.64 0.00	41.55 0.82 0.00	44.22 0.93 0.00	36.66 0.86 0.00	41.70 1.00 0.00	53.66 1.38 0.00	49.36 1.34 0.00	58.72 1.76 0.00	68.07 2.38 0.00	58.08 1.98 0.00	64.74 2.47 0.00	74.66 2.62 0.00	113.64 3.86 0.00	49.62 1.68 0.00	45.86 1.38 0.00
HUNTINGTON_RES_REC 323705	31.91 2.33 -0.10	34.62 2.55 0.29	33.20 2.42 0.04	34.61 2.48 -0.34	35.21 2.41 -1.40	40.51 2.38 -3.51	45.60 3.11 -0.13	56.26 4.14 0.00	170.97 11.66 0.00	32.45 2.35 -0.19	43.59 2.92 0.05	49.61 3.41 -2.91	41.40 2.93 -2.66	45.73 3.22 -1.80	56.54 4.26 0.00	53.86 4.11 -1.73	68.97 5.10 -6.90	91.24 5.98 -19.57	83.33 4.90 -22.32	81.05 5.76 -13.02	85.06 6.02 -7.01	132.40 8.82 -13.80	56.35 3.62 -4.80	47.65 3.16 0.00
HUNTLEY___63 23557	26.91 -2.58 0.00	29.59 -2.77 0.00	28.20 -2.61 0.00	29.25 -2.53 0.00	28.94 -2.47 0.00	32.13 -2.50 0.00	38.73 -3.62 0.00	48.04 -4.07 0.00	147.38 -11.93 0.00	27.83 -2.08 0.00	38.47 -2.26 0.00	40.47 -2.82 0.00	33.19 -2.60 0.00	37.45 -3.26 0.00	47.23 -5.05 0.00	43.14 -4.88 0.00	50.74 -6.23 0.00	57.46 -7.70 0.54	48.88 -6.32 0.90	56.79 -5.48 0.00	65.99 -6.04 0.00	100.90 -8.88 0.00	43.69 -4.25 0.00	41.24 -3.25 0.00
HUNTLEY___64 23558	26.91 -2.58 0.00	29.59 -2.77 0.00	28.20 -2.61 0.00	29.25 -2.53 0.00	28.94 -2.47 0.00	32.13 -2.50 0.00	38.73 -3.62 0.00	48.04 -4.07 0.00	147.38 -11.93 0.00	27.83 -2.08 0.00	38.47 -2.26 0.00	40.47 -2.82 0.00	33.19 -2.60 0.00	37.45 -3.26 0.00	47.23 -5.05 0.00	43.14 -4.88 0.00	50.74 -6.23 0.00	57.46 -7.70 0.54	48.88 -6.32 0.90	56.79 -5.48 0.00	65.99 -6.04 0.00	100.90 -8.88 0.00	43.69 -4.25 0.00	41.24 -3.25 0.00
HUNTLEY___65 23559	26.91 -2.58 0.00	29.59 -2.77 0.00	28.20 -2.61 0.00	29.25 -2.53 0.00	28.94 -2.47 0.00	32.13 -2.50 0.00	38.73 -3.62 0.00	48.04 -4.07 0.00	147.38 -11.93 0.00	27.83 -2.08 0.00	38.47 -2.26 0.00	40.47 -2.82 0.00	33.19 -2.60 0.00	37.45 -3.26 0.00	47.23 -5.05 0.00	43.14 -4.88 0.00	50.74 -6.23 0.00	57.46 -7.70 0.54	48.88 -6.32 0.90	56.79 -5.48 0.00	65.99 -6.04 0.00	100.90 -8.88 0.00	43.69 -4.25 0.00	41.24 -3.25 0.00
HUNTLEY___66 23560	26.91 -2.58 0.00	29.59 -2.77 0.00	28.20 -2.61 0.00	29.25 -2.53 0.00	28.94 -2.47 0.00	32.13 -2.50 0.00	38.73 -3.62 0.00	48.04 -4.07 0.00	147.38 -11.93 0.00	27.83 -2.08 0.00	38.47 -2.26 0.00	40.47 -2.82 0.00	33.19 -2.60 0.00	37.45 -3.26 0.00	47.23 -5.05 0.00	43.14 -4.88 0.00	50.74 -6.23 0.00	57.46 -7.70 0.54	48.88 -6.32 0.90	56.79 -5.48 0.00	65.99 -6.04 0.00	100.90 -8.88 0.00	43.69 -4.25 0.00	41.24 -3.25 0.00
HUNTLEY___67 23561	26.84 -2.64 0.00	29.54 -2.82 0.00	28.17 -2.64 0.00	29.25 -2.54 0.00	28.88 -2.53 0.00	32.03 -2.61 0.00	38.61 -3.74 0.00	47.88 -4.24 0.00	146.75 -12.56 0.00	27.71 -2.20 0.00	38.28 -2.45 0.00	40.28 -3.01 0.00	33.07 -2.72 0.00	37.30 -3.40 0.00	47.09 -5.19 0.00	42.99 -5.03 0.00	50.56 -6.40 0.00	57.28 -7.84 0.57	48.75 -6.42 0.94	56.66 -5.61 0.00	65.80 -6.24 0.00	100.68 -9.10 0.00	43.56 -4.38 0.00	41.08 -3.41 0.00
HUNTLEY___68 23562	26.84 -2.64 0.00	29.54 -2.82 0.00	28.17 -2.64 0.00	29.25 -2.54 0.00	28.88 -2.53 0.00	32.03 -2.61 0.00	38.61 -3.74 0.00	47.88 -4.24 0.00	146.75 -12.56 0.00	27.71 -2.20 0.00	38.28 -2.45 0.00	40.28 -3.01 0.00	33.07 -2.72 0.00	37.30 -3.40 0.00	47.09 -5.19 0.00	42.99 -5.03 0.00	50.56 -6.40 0.00	57.28 -7.84 0.57	48.75 -6.42 0.94	56.66 -5.61 0.00	65.80 -6.24 0.00	100.68 -9.10 0.00	43.56 -4.38 0.00	41.08 -3.41 0.00

HYLAND___LFGE 323620	28.83 -0.65 0.00	31.66 -0.69 0.00	30.21 -0.61 0.00	31.30 -0.48 0.00	31.06 -0.35 0.00	34.53 -0.10 0.00	42.18 -0.17 0.00	52.48 0.37 0.00	160.12 0.81 0.00	29.92 0.00 0.00	40.55 -0.18 0.00	42.74 -0.55 0.00	35.03 -0.76 0.00	39.52 -1.19 0.00	50.20 -2.08 0.00	46.11 -1.91 0.00	54.58 -2.38 0.00	62.21 -2.84 0.64	53.04 -1.64 1.42	62.06 -0.21 0.00	72.27 0.23 0.00	110.29 0.51 0.00	47.53 -0.41 0.00	44.39 -0.10 0.00
INDECK___CORINTH 23802	30.73 1.25 0.00	33.61 1.26 0.00	31.83 1.02 0.00	32.81 1.03 0.00	32.47 1.06 0.00	35.88 1.25 0.00	44.16 1.81 0.00	54.45 2.34 0.00	165.96 6.65 0.00	31.00 1.09 0.00	42.08 1.35 0.00	44.87 1.58 0.00	37.18 1.38 0.00	42.51 1.81 0.00	54.63 2.35 0.00	50.06 2.04 0.00	59.29 2.33 0.00	68.49 2.80 0.00	58.61 2.50 0.00	65.30 3.03 0.00	75.39 3.35 0.00	114.89 5.11 0.00	50.16 2.22 0.00	46.21 1.72 0.00
INDECK___ILION 23567	29.56 0.09 0.00	32.45 0.09 0.00	30.83 0.02 0.00	31.76 -0.02 0.00	31.38 -0.03 0.00	34.61 -0.02 0.00	42.45 0.10 0.00	52.38 0.27 0.00	159.80 0.49 0.00	29.98 0.07 0.00	40.64 -0.08 0.00	43.08 -0.21 0.00	35.65 -0.15 0.00	40.61 -0.10 0.00	52.19 -0.09 0.00	47.90 -0.12 0.00	56.94 -0.02 0.00	65.80 0.11 0.00	56.26 0.16 0.00	62.68 0.41 0.00	72.33 0.29 0.00	110.08 0.30 0.00	48.05 0.11 0.00	44.50 0.01 0.00
INDECK___OLEAN 23982	28.27 -1.21 0.00	31.25 -1.10 0.00	29.78 -1.03 0.00	30.93 -0.86 0.00	30.49 -0.92 0.00	33.64 -0.99 0.00	40.58 -1.77 0.00	50.60 -1.52 0.00	155.23 -4.08 0.00	29.31 -0.60 0.00	40.50 -0.23 0.00	42.70 -0.59 0.00	35.06 -0.74 0.00	39.59 -1.11 0.00	49.91 -2.37 0.00	45.43 -2.58 0.00	53.13 -3.84 0.68	60.48 -4.54 1.28	51.04 -3.78 0.00	59.70 -2.57 0.00	68.83 -3.21 0.00	105.41 -4.37 0.00	45.53 -2.41 0.00	42.84 -1.65 0.00
INDECK___OSWEGO 23783	28.42 -1.06 0.00	31.25 -1.10 0.00	29.76 -1.05 0.00	30.70 -1.08 0.00	30.35 -1.06 0.00	33.50 -1.13 0.00	40.96 -1.39 0.00	50.46 -1.65 0.00	154.18 -5.13 0.00	28.97 -0.94 0.00	39.46 -1.27 0.00	41.88 -1.41 0.00	34.59 -1.21 0.00	39.27 -1.44 0.00	50.39 -1.89 0.00	46.28 -1.73 0.00	54.89 -2.07 0.00	63.34 -2.35 0.00	54.07 -2.04 0.00	60.28 -2.00 0.00	69.68 -2.36 0.00	106.24 -3.54 0.00	46.26 -1.68 0.00	42.97 -1.52 0.00
INDECK___YERKES 23781	26.94 -2.55 0.00	29.60 -2.75 0.00	28.22 -2.59 0.00	29.28 -2.51 0.00	28.96 -2.45 0.00	32.16 -2.47 0.00	38.76 -3.59 0.00	48.08 -4.03 0.00	147.46 -11.85 0.00	27.86 -2.06 0.00	38.50 -2.22 0.00	40.50 -2.79 0.00	33.22 -2.58 0.00	37.48 -3.23 0.00	47.28 -5.00 0.00	43.17 -4.84 0.00	50.78 -6.18 0.54	57.52 -7.64 0.90	48.93 -6.28 0.00	56.85 -5.42 0.00	66.07 -5.97 0.00	101.00 -8.78 0.00	43.73 -4.21 0.00	41.29 -3.21 0.00
INDIAN POINT_GT_1 24139	30.91 1.43 0.00	33.85 1.50 0.00	32.13 1.33 0.00	33.11 1.33 0.00	32.69 1.28 0.00	35.98 1.35 0.00	44.28 1.93 0.00	54.91 2.79 0.00	167.56 8.26 0.00	31.46 1.55 0.00	42.85 2.12 0.00	45.79 2.51 0.00	37.94 2.14 0.00	43.08 2.37 0.00	55.45 3.17 0.00	51.12 3.10 0.00	60.72 3.76 0.00	69.99 4.30 0.00	59.39 3.28 0.00	66.17 3.90 0.00	75.92 3.89 0.00	115.24 5.46 0.00	50.23 2.29 0.00	46.59 2.10 0.00
INDIAN POINT_GT_2 23659	30.91 1.43 0.00	33.85 1.50 0.00	32.13 1.33 0.00	33.11 1.33 0.00	32.69 1.28 0.00	35.98 1.35 0.00	44.28 1.93 0.00	54.91 2.79 0.00	167.56 8.26 0.00	31.46 1.55 0.00	42.85 2.12 0.00	45.79 2.51 0.00	37.94 2.14 0.00	43.08 2.37 0.00	55.45 3.17 0.00	51.12 3.10 0.00	60.72 3.76 0.00	69.99 4.30 0.00	59.39 3.28 0.00	66.17 3.90 0.00	75.92 3.89 0.00	115.24 5.46 0.00	50.23 2.29 0.00	46.59 2.10 0.00
INDIAN POINT_GT_3 24019	30.91 1.43 0.00	33.85 1.50 0.00	32.13 1.33 0.00	33.11 1.33 0.00	32.69 1.28 0.00	35.98 1.35 0.00	44.28 1.93 0.00	54.91 2.79 0.00	167.56 8.26 0.00	31.46 1.55 0.00	42.85 2.12 0.00	45.79 2.51 0.00	37.94 2.14 0.00	43.08 2.37 0.00	55.45 3.17 0.00	51.12 3.10 0.00	60.72 3.76 0.00	69.99 4.30 0.00	59.39 3.28 0.00	66.17 3.90 0.00	75.92 3.89 0.00	115.24 5.46 0.00	50.23 2.29 0.00	46.59 2.10 0.00
INDIAN POINT___2 23530	30.89 1.41 0.00	33.83 1.47 0.00	32.12 1.31 0.00	33.10 1.32 0.00	32.66 1.25 0.00	35.95 1.31 0.00	44.25 1.90 0.00	54.87 2.76 0.00	167.46 8.16 0.00	31.44 1.53 0.00	42.84 2.11 0.00	45.79 2.50 0.00	37.93 2.13 0.00	43.05 2.34 0.00	55.42 3.14 0.00	51.11 3.09 0.00	60.68 3.71 0.00	69.93 4.24 0.00	59.34 3.24 0.00	66.13 3.86 0.00	75.86 3.82 0.00	115.15 5.37 0.00	50.20 2.25 0.00	46.56 2.07 0.00
INDIAN POINT___3 23531	30.88 1.40 0.00	33.83 1.47 0.00	32.12 1.31 0.00	33.10 1.31 0.00	32.66 1.25 0.00	35.95 1.32 0.00	44.25 1.90 0.00	54.86 2.74 0.00	167.41 8.10 0.00	31.44 1.53 0.00	42.82 2.10 0.00	45.75 2.46 0.00	37.91 2.11 0.00	43.04 2.33 0.00	55.40 3.12 0.00	51.07 3.05 0.00	60.65 3.69 0.00	69.92 4.23 0.00	59.33 3.23 0.00	66.10 3.83 0.00	75.84 3.80 0.00	115.13 5.35 0.00	50.20 2.25 0.00	46.54 2.05 0.00
INGHAM_C_115KV_TB7 356103	29.58 0.10 0.00	32.46 0.11 0.00	30.77 -0.04 0.00	31.66 -0.13 0.00	31.25 -0.16 0.00	34.52 -0.11 0.00	42.43 0.08 0.00	52.48 0.36 0.00	159.77 0.46 0.00	29.94 0.03 0.00	40.38 -0.34 0.00	42.64 -0.65 0.00	35.30 -0.50 0.00	40.32 -0.39 0.00	51.87 -0.40 0.00	47.53 -0.49 0.00	56.64 -0.32 0.00	65.65 -0.05 0.00	56.26 0.15 0.00	62.87 0.60 0.00	72.44 0.40 0.00	110.06 0.28 0.00	48.04 0.10 0.00	44.39 -0.10 0.00
IP CORINTH___1 23988	30.73 1.25 0.00	33.61 1.26 0.00	31.83 1.02 0.00	32.81 1.03 0.00	32.47 1.05 0.00	35.88 1.25 0.00	44.16 1.81 0.00	54.45 2.34 0.00	165.97 6.66 0.00	31.00 1.09 0.00	42.08 1.35 0.00	44.87 1.58 0.00	37.18 1.38 0.00	42.52 1.81 0.00	54.63 2.35 0.00	50.06 2.04 0.00	59.29 2.33 0.00	68.49 2.80 0.00	58.61 2.50 0.00	65.30 3.03 0.00	75.38 3.34 0.00	114.89 5.11 0.00	50.16 2.22 0.00	46.21 1.72 0.00
IP___TICONDEROGA 23804	31.67 2.19 0.00	34.55 2.19 0.00	32.43 1.62 0.00	33.53 1.75 0.00	33.31 1.90 0.00	36.99 2.36 0.00	45.74 3.38 0.00	56.37 4.26 0.00	171.16 11.85 0.00	31.84 1.93 0.00	43.22 2.49 0.00	46.18 2.90 0.00	38.10 2.31 0.00	44.11 3.41 0.00	56.63 4.35 0.00	51.62 3.60 0.00	60.84 3.88 0.00	70.55 4.86 0.00	60.27 4.17 0.00	67.24 4.96 0.00	77.81 5.78 0.00	118.95 9.17 0.00	52.01 4.07 0.00	47.46 2.96 0.00
ISLIP_RES_REC 323679	32.20 2.61 -0.11	35.00 2.83 0.18	33.64 2.73 -0.09	35.03 2.80 -0.44	35.64 2.71 -1.51	41.14 2.71 -3.80	46.03 3.54 -0.14	56.76 4.64 0.00	172.43 13.12 0.00	32.77 2.66 -0.20	44.17 3.28 -0.17	50.29 3.78 -3.23	41.85 3.21 -2.85	46.18 3.54 -1.93	56.87 4.59 0.00	54.36 4.49 -1.86	69.96 5.61 -7.39	92.47 6.71 -20.06	84.32 5.56 -22.65	81.92 6.54 -13.12	86.19 6.88 -7.28	133.97 10.18 -14.01	56.94 4.18 -4.82	48.11 3.62 0.00

JAMAICA__27_KV_LOAD 355505	31.06 1.58 0.00	33.94 1.59 0.00	32.16 1.35 0.00	33.04 1.26 0.01	32.61 1.21 0.01	35.93 1.30 0.00	44.33 1.98 0.00	55.19 3.08 0.00	168.57 9.26 0.00	31.69 1.78 0.00	43.41 2.56 -0.13	47.43 2.86 -1.29	38.58 2.56 -0.22	43.43 2.73 0.00	55.84 3.56 0.00	51.48 3.46 0.00	61.13 4.17 0.00	71.03 4.60 -0.74	61.96 3.46 -2.39	66.48 4.20 0.00	76.26 4.23 0.00	115.81 6.03 0.00	50.39 2.45 0.00	46.80 2.31 0.00
JANIS__SOLAR 323808	30.25 0.76 0.00	33.26 0.90 0.00	31.64 0.82 0.00	32.70 0.91 0.00	32.31 0.90 0.00	35.74 1.11 0.00	43.72 1.37 0.00	54.27 2.15 0.00	167.72 8.42 0.00	31.26 1.35 0.00	42.58 1.85 0.00	44.74 1.45 0.00	36.83 1.03 0.00	41.88 1.17 0.00	53.67 1.39 0.00	48.97 0.95 0.00	57.69 0.73 0.00	67.81 1.12 -1.01	60.04 1.51 -2.43	64.78 2.51 0.00	74.85 2.81 0.00	113.97 4.19 0.00	49.35 1.41 0.00	45.88 1.39 0.00
JARVIS____ 23743	29.47 -0.01 0.00	32.35 0.00 0.00	30.79 -0.02 0.00	31.75 -0.03 0.00	31.38 -0.03 0.00	34.56 -0.07 0.00	42.31 -0.04 0.00	52.12 0.01 0.00	159.29 -0.02 0.00	29.91 0.00 0.00	40.68 -0.04 0.00	43.24 -0.04 0.00	35.77 -0.03 0.00	40.66 -0.04 0.00	52.27 -0.01 0.00	48.02 0.00 0.00	56.96 0.00 0.00	65.70 0.01 0.00	56.09 -0.02 0.00	62.31 0.04 0.00	71.98 -0.06 0.00	109.68 -0.10 0.00	47.90 -0.04 0.00	44.45 -0.04 0.00
JENNISON____1 23625	30.46 0.98 0.00	33.50 1.15 0.00	31.88 1.07 0.00	32.94 1.15 0.00	32.53 1.12 0.00	35.95 1.32 0.00	43.90 1.54 0.00	54.71 2.60 0.00	174.00 14.69 0.00	32.59 2.68 0.00	44.29 3.57 0.00	46.67 3.38 0.00	38.36 2.56 0.00	43.60 2.89 0.00	55.89 3.61 0.00	50.29 2.27 0.00	58.38 1.42 0.00	67.59 1.73 -0.17	58.36 1.79 -0.47	64.89 2.62 0.00	74.89 2.85 0.00	114.28 4.50 0.00	49.35 1.41 0.00	45.96 1.47 0.00
JENNISON____2 23626	30.46 0.98 0.00	33.50 1.15 0.00	31.88 1.07 0.00	32.94 1.15 0.00	32.53 1.12 0.00	35.95 1.32 0.00	43.90 1.54 0.00	54.71 2.60 0.00	174.00 14.69 0.00	32.59 2.68 0.00	44.29 3.57 0.00	46.67 3.38 0.00	38.36 2.56 0.00	43.60 2.89 0.00	55.89 3.61 0.00	50.29 2.27 0.00	58.38 1.42 0.00	67.59 1.73 -0.17	58.36 1.79 -0.47	64.89 2.62 0.00	74.89 2.85 0.00	114.28 4.50 0.00	49.35 1.41 0.00	45.96 1.47 0.00
JERICOHO_RISE_WT_PWR 323719	29.65 0.17 0.00	32.54 0.19 0.00	31.05 0.24 0.00	32.09 0.31 0.00	31.77 0.36 0.00	35.12 0.48 0.00	42.81 0.46 0.00	52.33 0.21 0.00	160.21 0.90 0.00	29.98 0.07 0.00	40.88 0.16 0.00	43.42 0.13 0.00	35.92 0.12 0.00	40.93 0.22 0.00	52.46 0.18 0.00	48.07 0.06 0.00	57.07 0.11 0.00	65.85 0.16 0.00	56.60 0.50 0.00	62.77 0.50 0.00	72.84 0.80 0.00	110.91 1.13 0.00	48.48 0.54 0.00	44.91 0.42 0.00
KATONAH__115KV_46KV_TB4 355592	31.05 1.57 0.00	33.99 1.63 0.00	32.28 1.46 0.00	33.25 1.46 0.00	32.82 1.41 0.00	36.13 1.50 0.00	44.49 2.14 0.00	55.15 3.04 0.00	168.29 8.98 0.00	31.61 1.70 0.00	43.04 2.31 0.00	45.98 2.69 0.00	38.10 2.30 0.00	43.26 2.56 0.00	55.68 3.40 0.00	51.34 3.32 0.00	61.00 4.04 0.00	70.31 4.63 0.00	59.68 3.58 0.00	66.49 4.21 0.00	76.29 4.26 0.00	115.80 6.02 0.00	50.45 2.51 0.00	46.76 2.27 0.00
KCE_NY_1 323755	30.72 1.24 0.00	33.65 1.29 0.00	31.96 1.15 0.00	32.88 1.10 0.00	32.50 1.10 0.00	35.92 1.29 0.00	44.05 1.69 0.00	54.32 2.20 0.00	165.64 6.33 0.00	30.94 1.02 0.00	41.99 1.26 0.00	44.61 1.32 0.00	36.93 1.13 0.00	42.19 1.48 0.00	54.41 2.13 0.00	49.95 1.93 0.00	59.23 2.27 0.00	68.43 2.74 0.00	58.51 2.40 0.00	65.10 2.83 0.00	75.12 3.08 0.00	114.54 4.76 0.00	50.01 2.07 0.00	46.18 1.69 0.00
KCE_NY_6_ESR 323823	27.28 -2.20 0.00	30.04 -2.32 0.00	28.62 -2.19 0.00	29.72 -2.07 0.00	29.33 -2.08 0.00	32.51 -2.12 0.00	39.26 -3.09 0.00	48.74 -3.38 0.00	149.28 -10.03 0.00	28.22 -1.69 0.00	38.96 -1.76 0.00	40.97 -2.32 0.00	33.65 -2.15 0.00	37.95 -2.75 0.00	47.95 -4.33 0.00	43.77 -4.24 0.00	51.49 -5.47 0.00	58.41 -6.70 0.59	49.60 -5.49 1.01	57.72 -4.55 0.00	66.96 -5.08 0.00	102.49 -7.29 0.00	44.28 -3.66 0.00	41.74 -2.75 0.00
KEDC_PORT_JEFF_GT2 24210	32.06 2.48 -0.10	34.78 2.70 0.27	33.39 2.60 0.02	34.80 2.67 -0.35	35.40 2.59 -1.41	40.71 2.56 -3.52	45.81 3.33 -0.13	56.48 4.37 0.00	171.64 12.33 0.00	32.61 2.51 -0.19	43.77 3.09 0.04	49.76 3.56 -2.91	41.53 3.06 -2.67	45.86 3.35 -1.81	56.65 4.38 0.00	54.01 4.25 -1.74	69.24 5.36 -6.92	91.55 6.32 -19.54	83.62 5.26 -22.26	81.44 6.18 -12.99	85.51 6.47 -7.00	133.13 9.58 -13.77	56.66 3.94 -4.78	47.93 3.43 0.00
KEDC_PORT_JEFF_GT3 24211	32.06 2.48 -0.10	34.78 2.70 0.27	33.39 2.60 0.02	34.80 2.67 -0.35	35.40 2.59 -1.41	40.71 2.56 -3.52	45.81 3.33 -0.13	56.48 4.37 0.00	171.64 12.33 0.00	32.61 2.51 -0.19	43.77 3.09 0.04	49.76 3.56 -2.91	41.53 3.06 -2.67	45.86 3.35 -1.81	56.65 4.38 0.00	54.01 4.25 -1.74	69.24 5.36 -6.92	91.55 6.32 -19.54	83.62 5.26 -22.26	81.44 6.18 -12.99	85.51 6.47 -7.00	133.13 9.58 -13.77	56.66 3.94 -4.78	47.93 3.43 0.00
KEDC_GLWD_GT4 24219	31.86 1.97 -0.41	38.18 2.13 -3.69	37.59 1.99 -4.79	38.11 2.01 -4.32	39.05 1.95 -5.69	54.70 1.98 -18.08	45.59 2.67 -0.56	55.79 3.68 0.00	169.52 10.21 0.00	32.82 2.04 -0.87	53.65 2.84 -10.09	67.08 3.19 -20.61	51.01 2.66 -12.55	52.16 2.97 -8.48	56.15 3.87 0.00	59.99 3.79 -8.18	94.01 4.60 -32.45	123.84 5.23 -52.93	111.44 4.07 -51.26	91.04 4.75 -24.01	99.19 4.87 -22.29	146.90 6.95 -30.16	59.03 2.91 -8.19	47.25 2.76 0.00
KEDC_GLWD_GT5 24220	31.86 1.97 -0.41	38.18 2.13 -3.69	37.59 1.99 -4.79	38.11 2.01 -4.32	39.05 1.95 -5.69	54.70 1.98 -18.08	45.59 2.67 -0.56	55.79 3.68 0.00	169.52 10.21 0.00	32.82 2.04 -0.87	53.65 2.84 -10.09	67.08 3.19 -20.61	51.01 2.66 -12.55	52.16 2.97 -8.48	56.15 3.87 0.00	59.99 3.79 -8.18	94.01 4.60 -32.45	123.84 5.23 -52.93	111.44 4.07 -51.26	91.04 4.75 -24.01	99.19 4.87 -22.29	146.90 6.95 -30.16	59.03 2.91 -8.19	47.25 2.76 0.00
KENSICO____ 23655	31.02 1.55 0.00	33.98 1.62 0.00	32.25 1.44 0.00	33.24 1.45 0.00	32.80 1.39 0.00	36.09 1.46 0.00	44.44 2.09 0.00	55.11 3.00 0.00	168.20 8.89 0.00	31.60 1.69 0.00	43.04 2.31 0.00	45.98 2.69 0.00	38.16 2.31 -0.05	43.26 2.56 0.00	55.68 3.40 0.00	51.34 3.32 0.00	60.97 4.01 0.00	70.26 4.57 0.00	59.61 3.50 0.00	66.39 4.12 0.00	76.19 4.15 0.00	115.67 5.89 0.00	50.41 2.46 0.00	46.75 2.26 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.18 1.70 0.00	34.14 1.79 0.00	32.44 1.63 0.00	33.44 1.65 0.00	33.00 1.60 0.00	36.35 1.72 0.00	44.75 2.39 0.00	55.41 3.30 0.00	168.84 9.53 0.00	31.57 1.66 0.00	42.98 2.26 0.00	45.83 2.54 0.00	38.01 2.21 0.00	43.14 2.43 0.00	55.61 3.34 0.00	51.57 3.56 0.00	61.29 4.33 0.00	70.63 4.94 0.00	60.01 3.90 0.00	66.91 4.64 0.00	76.84 4.80 0.00	116.64 6.86 0.00	50.76 2.83 0.00	47.05 2.56 0.00

KIAC_JFK_GT1 23816	30.91 1.43 0.00	33.78 1.42 0.00	32.01 1.20 0.00	32.88 1.10 0.01	32.45 1.05 0.01	35.70 1.08 0.00	43.95 1.60 0.00	54.71 2.59 0.00	167.08 7.77 0.00	31.43 1.52 0.00	43.18 2.33 -0.13	47.20 2.62 -1.29	38.39 2.37 -0.22	43.23 2.52 0.00	55.58 3.30 0.00	51.19 3.18 0.00	60.63 3.67 0.00	70.45 4.02 -0.74	61.42 2.92 -2.39	65.88 3.61 0.00	75.57 3.53 0.00	114.73 4.95 0.00	49.96 2.02 0.00	46.52 2.03 0.00
KIAC_JFK_GT2 23817	30.91 1.43 0.00	33.78 1.42 0.00	32.01 1.20 0.00	32.88 1.10 0.01	32.45 1.05 0.01	35.70 1.08 0.00	43.95 1.60 0.00	54.71 2.59 0.00	167.08 7.77 0.00	31.43 1.52 0.00	43.18 2.33 -0.13	47.20 2.62 -1.29	38.39 2.37 -0.22	43.23 2.52 0.00	55.58 3.30 0.00	51.19 3.18 0.00	60.63 3.67 0.00	70.45 4.02 -0.74	61.42 2.92 -2.39	65.88 3.61 0.00	75.57 3.53 0.00	114.73 4.95 0.00	49.96 2.02 0.00	46.52 2.03 0.00
KIAC_JFK____ 323774	30.91 1.43 0.00	33.78 1.42 0.00	32.01 1.20 0.00	32.88 1.10 0.01	32.45 1.05 0.01	35.71 1.08 0.00	43.95 1.60 0.00	54.71 2.59 0.00	167.08 7.77 0.00	31.42 1.51 0.00	43.18 2.33 -0.13	47.25 2.67 -1.29	38.42 2.40 -0.23	43.23 2.52 -0.01	55.58 3.30 0.00	51.20 3.18 0.00	60.63 3.67 0.00	70.58 4.15 -0.74	61.56 3.06 -2.39	65.88 3.61 0.00	75.57 3.53 0.00	114.73 4.94 0.00	49.96 2.02 0.00	46.52 2.04 0.00
KINTIGH__24_KV_GSU 356498	27.08 -2.40 0.00	29.78 -2.58 0.00	28.40 -2.41 0.00	29.45 -2.33 0.00	29.10 -2.31 0.00	32.23 -2.40 0.00	38.93 -3.42 0.00	48.23 -3.88 0.00	147.82 -11.49 0.00	27.87 -2.04 0.00	38.41 -2.32 0.00	40.48 -2.81 0.00	33.28 -2.52 0.00	37.58 -3.13 0.00	47.55 -4.73 0.00	43.44 -4.58 0.00	51.13 -5.83 0.00	58.34 -7.15 0.21	49.54 -5.86 0.70	57.11 -5.16 0.00	66.31 -5.73 0.00	101.30 -8.49 0.00	43.89 -4.05 0.00	41.30 -3.19 0.00
KINTIGH____ 23543	27.05 -2.43 0.00	29.74 -2.61 0.00	28.37 -2.44 0.00	29.42 -2.36 0.00	29.07 -2.34 0.00	32.20 -2.43 0.00	38.90 -3.46 0.00	48.18 -3.93 0.00	147.67 -11.64 0.00	27.85 -2.07 0.00	38.37 -2.36 0.00	40.44 -2.85 0.00	33.25 -2.55 0.00	37.54 -3.16 0.00	47.50 -4.78 0.00	43.40 -4.62 0.00	51.09 -5.87 0.00	58.29 -7.20 0.21	49.50 -5.90 0.70	57.06 -5.21 0.00	66.24 -5.79 0.00	101.18 -8.60 0.00	43.85 -4.10 0.00	41.25 -3.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.24 0.75 0.00	33.13 0.77 0.00	31.58 0.77 0.00	32.67 0.89 0.00	32.36 0.95 0.00	35.88 1.25 0.00	43.69 1.34 0.00	53.67 1.55 0.00	164.20 4.89 0.00	30.66 0.75 0.00	41.79 1.06 0.00	44.42 1.13 0.00	36.75 0.95 0.00	41.92 1.22 0.00	53.67 1.39 0.00	49.07 1.05 0.00	58.29 1.33 0.00	67.44 1.74 0.00	57.83 1.72 0.00	64.43 2.16 0.00	74.63 2.59 0.00	113.70 3.93 0.00	49.75 1.81 0.00	45.87 1.39 0.00
LACHUTE____HYDRO 323717	31.67 2.19 0.00	34.55 2.19 0.00	32.43 1.62 0.00	33.53 1.75 0.00	33.31 1.90 0.00	36.99 2.36 0.00	45.74 3.39 0.00	56.37 4.26 0.00	171.16 11.86 0.00	31.84 1.93 0.00	43.22 2.49 0.00	46.18 2.90 0.00	38.10 2.31 0.00	44.11 3.41 0.00	56.63 4.35 0.00	51.62 3.60 0.00	60.84 3.88 0.00	70.55 4.86 0.00	60.27 4.17 0.00	67.24 4.96 0.00	77.81 5.78 0.00	118.95 9.17 0.00	52.01 4.07 0.00	47.45 2.96 0.00
LAWRNCALV_115KV_TB1 80681	29.11 -0.37 0.00	31.93 -0.43 0.00	30.49 -0.33 0.00	31.50 -0.29 0.00	31.20 -0.21 0.00	34.49 -0.14 0.00	42.11 -0.25 0.00	51.25 -0.87 0.00	157.19 -2.12 0.00	29.42 -0.49 0.00	40.07 -0.66 0.00	42.48 -0.81 0.00	35.11 -0.69 0.00	39.95 -0.75 0.00	51.28 -1.00 0.00	47.12 -0.90 0.00	56.12 -0.84 0.00	64.39 -1.31 0.00	55.48 -0.63 0.00	61.51 -0.76 0.00	71.39 -0.65 0.00	108.84 -0.94 0.00	47.77 -0.17 0.00	44.28 -0.22 0.00
LEDERLE____ 23769	30.98 1.51 0.00	33.93 1.58 0.00	32.21 1.40 0.00	33.20 1.42 0.00	32.76 1.35 0.00	36.06 1.43 0.00	44.40 2.05 0.00	55.08 2.96 0.00	168.11 8.80 0.00	31.56 1.65 0.00	43.05 2.32 0.00	46.01 2.72 0.00	38.12 2.32 0.00	43.26 2.56 0.00	55.71 3.43 0.00	51.37 3.36 0.00	60.99 4.03 0.00	70.31 4.62 0.00	59.64 3.54 0.00	66.47 4.20 0.00	76.26 4.22 0.00	115.69 5.91 0.00	50.42 2.48 0.00	46.75 2.26 0.00
LIGHTHSE_115KV_TB6 355974	28.57 -0.91 0.00	31.44 -0.92 0.00	29.94 -0.86 0.00	30.88 -0.90 0.00	30.53 -0.88 0.00	33.72 -0.92 0.00	41.30 -1.05 0.00	50.91 -1.20 0.00	155.55 -3.76 0.00	29.18 -0.73 0.00	39.74 -0.99 0.00	42.15 -1.14 0.00	34.79 -1.01 0.00	39.46 -1.24 0.00	50.62 -1.65 0.00	46.51 -1.51 0.00	55.26 -1.70 0.00	63.85 -1.84 0.00	54.59 -1.52 0.00	60.93 -1.34 0.00	70.54 -1.50 0.00	107.56 -2.22 0.00	46.75 -1.19 0.00	43.36 -1.13 0.00
LINDEN COGEN____ 23786	31.02 1.54 0.00	33.98 1.63 0.00	32.24 1.42 0.00	33.20 1.41 0.00	32.71 1.31 0.00	35.92 1.39 0.09	44.21 2.06 0.19	51.02 3.04 4.13	156.41 9.08 11.98	29.83 1.75 1.83	41.82 2.43 1.34	44.69 2.86 1.47	37.17 2.46 1.09	39.72 2.67 3.66	42.70 3.51 13.09	37.95 3.42 13.49	48.99 4.12 12.09	58.18 4.69 12.21	47.35 3.53 12.28	54.14 4.13 12.26	63.85 4.09 12.28	102.13 5.70 13.35	43.12 2.40 7.22	45.34 2.24 1.40
LINDHRST_69_KV_BK1 356055	32.05 2.37 -0.21	36.02 2.61 -1.06	34.86 2.43 -1.62	35.94 2.47 -1.68	36.68 2.40 -2.87	44.91 2.42 -7.87	45.79 3.19 -0.25	56.40 4.28 0.00	171.28 11.97 0.00	32.71 2.41 -0.39	46.93 3.02 -3.18	54.69 3.49 -7.92	44.31 2.97 -5.54	47.71 3.26 -3.75	56.50 4.22 0.00	55.77 4.14 -3.60	76.41 5.10 -14.34	99.46 5.92 -27.85	89.26 4.83 -28.33	83.07 5.65 -15.14	89.56 5.89 -11.64	136.52 8.92 -17.81	56.93 3.66 -5.33	47.73 3.24 0.00
LIPA_MISC_IPP 23656	31.96 2.38 -0.10	34.65 2.60 0.31	33.23 2.48 0.06	34.68 2.58 -0.31	35.30 2.52 -1.37	40.57 2.52 -3.42	45.81 3.33 -0.13	56.47 4.35 0.00	171.44 12.13 0.00	32.58 2.49 -0.18	43.57 2.96 0.11	49.51 3.43 -2.79	41.31 2.92 -2.60	45.68 3.21 -1.76	56.42 4.14 0.00	53.76 4.05 -1.70	68.89 5.19 -6.74	91.17 6.14 -19.34	83.38 5.17 -22.10	81.32 6.12 -12.93	85.38 6.45 -6.90	132.97 9.52 -13.67	56.65 3.94 -4.77	47.90 3.40 0.00
LISF____SOLAR 323691	32.02 2.44 -0.10	34.68 2.62 0.29	33.34 2.57 0.05	34.79 2.68 -0.33	35.40 2.60 -1.39	40.67 2.58 -3.46	45.88 3.40 -0.13	56.53 4.41 0.00	171.66 12.36 0.00	32.60 2.51 -0.18	43.64 3.00 0.08	49.58 3.44 -2.84	41.36 2.93 -2.63	45.70 3.22 -1.78	56.42 4.14 0.00	53.80 4.07 -1.71	69.02 5.25 -6.82	91.35 6.24 -19.42	83.55 5.28 -22.16	81.48 6.25 -12.95	85.58 6.60 -6.94	133.22 9.72 -13.71	56.74 4.02 -4.77	47.97 3.48 0.00
LITTLE FALLS____HYD 24013	29.58 0.10 0.00	32.46 0.11 0.00	30.77 -0.04 0.00	31.66 -0.13 0.00	31.25 -0.16 0.00	34.52 -0.11 0.00	42.43 0.08 0.00	52.48 0.36 0.00	159.77 0.46 0.00	29.94 0.03 0.00	40.38 -0.34 0.00	42.64 -0.65 0.00	35.30 -0.50 0.00	40.32 -0.39 0.00	51.87 -0.40 0.00	47.53 -0.49 0.00	56.64 -0.32 0.00	65.65 -0.05 0.00	56.26 0.15 0.00	62.87 0.60 0.00	72.44 0.40 0.00	110.06 0.28 0.00	48.04 0.10 0.00	44.39 -0.10 0.00

LITTLRIV_115KV_TB1 356100	29.50 0.03 0.00	32.36 0.01 0.00	30.90 0.09 0.00	31.93 0.15 0.00	31.65 0.24 0.00	35.01 0.38 0.00	42.79 0.44 0.00	52.06 -0.05 0.00	159.49 0.18 0.00	29.82 -0.09 0.00	40.57 -0.15 0.00	42.94 -0.35 0.00	35.43 -0.37 0.00	40.27 -0.44 0.00	51.74 -0.54 0.00	47.63 -0.38 0.00	56.71 -0.25 0.00	65.19 -0.51 0.00	56.17 0.07 0.00	62.43 0.16 0.00	72.55 0.52 0.00	110.66 0.88 0.00	48.45 0.51 0.00	44.89 0.40 0.00
LI_NEWBRDGE___DRP 323616	31.46 1.97 -0.02	33.22 2.25 1.38	31.54 2.08 1.36	33.15 2.12 0.76	33.68 2.05 -0.22	36.90 2.00 -0.27	45.03 2.64 -0.04	55.74 3.63 0.00	169.44 10.13 0.00	32.02 2.07 -0.04	40.89 2.62 2.46	45.40 3.06 0.94	38.91 2.60 -0.52	43.89 2.83 -0.35	55.96 3.68 0.00	51.99 3.64 -0.34	62.76 4.43 -1.37	83.95 5.03 -13.22	77.42 4.00 -17.31	78.34 4.68 -11.39	80.57 4.78 -3.76	127.62 6.96 -10.88	55.18 2.88 -4.36	47.08 2.59 0.00
LOCKPORT_115KV_TB60_63_64 80432	26.67 -2.82 0.00	29.33 -3.03 0.00	27.97 -2.84 0.00	29.03 -2.75 0.00	28.65 -2.76 0.00	31.80 -2.83 0.00	38.28 -4.08 0.00	47.47 -4.64 0.00	145.65 -13.65 0.00	27.50 -2.41 0.00	37.99 -2.73 0.00	39.95 -3.34 0.00	32.74 -3.06 0.00	36.89 -3.82 0.00	46.54 -5.74 0.00	42.56 -5.45 0.00	50.03 -6.93 0.00	56.74 -8.47 0.48	48.40 -6.87 0.83	56.15 -6.12 0.00	65.31 -6.73 0.00	99.85 -9.93 0.00	43.29 -4.65 0.00	40.88 -3.61 0.00
LOCKPORT___CC1 323769	26.67 -2.81 0.00	29.33 -3.03 0.00	27.97 -2.84 0.00	29.04 -2.74 0.00	28.66 -2.75 0.00	31.81 -2.82 0.00	38.30 -4.05 0.00	47.49 -4.62 0.00	145.65 -13.65 0.00	27.50 -2.41 0.00	37.99 -2.73 0.00	39.95 -3.34 0.00	32.75 -3.05 0.00	36.91 -3.80 0.00	46.58 -5.69 0.00	42.56 -5.46 0.00	50.05 -6.91 0.00	56.75 -8.45 0.50	48.40 -6.86 0.85	56.17 -6.10 0.00	65.32 -6.72 0.00	99.91 -9.87 0.00	43.30 -4.65 0.00	40.87 -3.63 0.00
LOCKPORT___CC2 323770	26.67 -2.81 0.00	29.33 -3.03 0.00	27.97 -2.84 0.00	29.04 -2.74 0.00	28.66 -2.75 0.00	31.81 -2.82 0.00	38.30 -4.05 0.00	47.49 -4.62 0.00	145.65 -13.65 0.00	27.50 -2.41 0.00	37.99 -2.73 0.00	39.95 -3.34 0.00	32.75 -3.05 0.00	36.91 -3.80 0.00	46.58 -5.69 0.00	42.56 -5.46 0.00	50.05 -6.91 0.00	56.75 -8.45 0.50	48.40 -6.86 0.85	56.17 -6.10 0.00	65.32 -6.72 0.00	99.91 -9.87 0.00	43.30 -4.65 0.00	40.87 -3.63 0.00
LOCKPORT___CC3 323771	26.67 -2.81 0.00	29.33 -3.03 0.00	27.97 -2.84 0.00	29.04 -2.74 0.00	28.66 -2.75 0.00	31.81 -2.82 0.00	38.30 -4.05 0.00	47.49 -4.62 0.00	145.65 -13.65 0.00	27.50 -2.41 0.00	37.99 -2.73 0.00	39.95 -3.34 0.00	32.75 -3.05 0.00	36.91 -3.80 0.00	46.58 -5.69 0.00	42.56 -5.46 0.00	50.05 -6.91 0.00	56.75 -8.45 0.50	48.40 -6.86 0.85	56.17 -6.10 0.00	65.32 -6.72 0.00	99.91 -9.87 0.00	43.30 -4.65 0.00	40.87 -3.63 0.00
LOCUSVLY_69_KV_BK2 55797	31.93 2.11 -0.34	37.43 2.33 -2.75	36.59 2.14 -3.64	37.34 2.18 -3.37	38.19 2.12 -4.67	51.21 2.15 -14.43	45.65 2.85 -0.45	56.02 3.90 0.00	170.36 11.06 0.00	32.83 2.22 -0.70	51.23 2.95 -7.56	62.59 3.40 -15.90	48.72 2.87 -10.05	50.70 3.19 -6.80	56.45 4.17 0.00	58.66 4.09 -6.55	87.95 4.97 -26.02	115.50 5.63 -44.17	103.83 4.46 -43.27	88.52 5.18 -21.07	95.82 5.35 -18.44	143.47 7.78 -25.91	58.42 3.22 -7.26	47.43 2.94 0.00
LONG_LAKE_PHOENIX 24014	28.50 -0.98 0.00	31.33 -1.02 0.00	29.84 -0.97 0.00	30.79 -0.99 0.00	30.43 -0.98 0.00	33.60 -1.03 0.00	41.08 -1.27 0.00	50.67 -1.44 0.00	154.79 -4.52 0.00	29.09 -0.82 0.00	39.61 -1.11 0.00	42.04 -1.24 0.00	34.71 -1.09 0.00	39.43 -1.28 0.00	50.55 -1.73 0.00	46.42 -1.60 0.00	55.03 -1.93 0.00	63.56 -2.13 0.00	54.24 -1.86 0.00	60.48 -1.79 0.00	69.95 -2.09 0.00	106.57 -3.21 0.00	46.39 -1.55 0.00	43.09 -1.41 0.00
LOVETT___3 23632	30.85 1.37 0.00	33.79 1.43 0.00	32.07 1.26 0.00	33.06 1.27 0.00	32.63 1.22 0.00	35.91 1.28 0.00	44.19 1.84 0.00	54.80 2.69 0.00	167.24 7.93 0.00	31.40 1.49 0.00	42.79 2.06 0.00	45.72 2.43 0.00	37.88 2.08 0.00	42.99 2.29 0.00	55.36 3.08 0.00	51.03 3.02 0.00	60.61 3.64 0.00	69.85 4.16 0.00	59.28 3.17 0.00	66.06 3.78 0.00	75.78 3.74 0.00	115.02 5.24 0.00	50.15 2.21 0.00	46.51 2.02 0.00
LOVETT___4 23642	30.85 1.37 0.00	33.79 1.43 0.00	32.07 1.26 0.00	33.06 1.27 0.00	32.63 1.22 0.00	35.91 1.28 0.00	44.19 1.84 0.00	54.80 2.69 0.00	167.24 7.93 0.00	31.40 1.49 0.00	42.79 2.06 0.00	45.72 2.43 0.00	37.88 2.08 0.00	42.99 2.29 0.00	55.36 3.08 0.00	51.03 3.02 0.00	60.61 3.64 0.00	69.85 4.16 0.00	59.28 3.17 0.00	66.06 3.78 0.00	75.78 3.74 0.00	115.02 5.24 0.00	50.15 2.21 0.00	46.51 2.02 0.00
LOVETT___5 23593	30.85 1.37 0.00	33.79 1.43 0.00	32.07 1.26 0.00	33.06 1.27 0.00	32.63 1.22 0.00	35.91 1.28 0.00	44.19 1.84 0.00	54.80 2.69 0.00	167.24 7.93 0.00	31.40 1.49 0.00	42.79 2.06 0.00	45.72 2.43 0.00	37.88 2.08 0.00	42.99 2.29 0.00	55.36 3.08 0.00	51.03 3.02 0.00	60.61 3.64 0.00	69.85 4.16 0.00	59.28 3.17 0.00	66.06 3.78 0.00	75.78 3.74 0.00	115.02 5.24 0.00	50.15 2.21 0.00	46.51 2.02 0.00
LOWER RAQUET___HYD 24057	28.94 -0.54 0.00	31.75 -0.60 0.00	30.32 -0.49 0.00	31.32 -0.47 0.00	31.04 -0.37 0.00	34.29 -0.34 0.00	41.90 -0.46 0.00	51.01 -1.11 0.00	156.39 -2.92 0.00	29.27 -0.64 0.00	39.85 -0.88 0.00	42.25 -1.04 0.00	34.91 -0.89 0.00	39.71 -1.00 0.00	50.98 -1.30 0.00	46.86 -1.16 0.00	55.81 -1.15 0.00	64.09 -1.61 0.00	55.21 -0.90 0.00	61.23 -1.04 0.00	71.07 -0.97 0.00	108.40 -1.38 0.00	47.53 -0.41 0.00	44.04 -0.45 0.00
LOWER___HUDSON 24059	30.37 0.89 0.00	33.27 0.92 0.00	31.54 0.73 0.00	32.48 0.69 0.00	32.09 0.68 0.00	35.40 0.77 0.00	43.40 1.05 0.00	53.48 1.36 0.00	162.99 3.68 0.00	30.41 0.50 0.00	41.13 0.40 0.00	43.73 0.44 0.00	36.28 0.48 0.00	41.47 0.77 0.00	53.61 1.33 0.00	49.23 1.21 0.00	58.36 1.40 0.00	67.46 1.77 0.00	57.58 1.48 0.00	64.01 1.74 0.00	73.84 1.80 0.00	112.62 2.84 0.00	49.33 1.39 0.00	45.55 1.06 0.00
LOWVILLE_115KV_TB2 356335	29.24 -0.24 0.00	32.23 -0.12 0.00	30.74 -0.07 0.00	31.67 -0.12 0.00	31.29 -0.12 0.00	34.52 -0.11 0.00	42.36 0.01 0.00	52.17 0.05 0.00	159.43 0.12 0.00	29.86 -0.06 0.00	40.61 -0.11 0.00	43.07 -0.21 0.00	35.54 -0.25 0.00	40.28 -0.43 0.00	51.73 -0.55 0.00	47.64 -0.38 0.00	56.71 -0.26 0.00	65.57 -0.13 0.00	56.24 0.13 0.00	62.74 0.46 0.00	72.61 0.57 0.00	110.94 1.16 0.00	48.19 0.25 0.00	44.61 0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.73 1.25 0.00	33.65 1.29 0.00	31.93 1.12 0.00	32.89 1.10 0.00	32.51 1.10 0.00	35.89 1.26 0.00	44.05 1.70 0.00	54.29 2.18 0.00	165.58 6.27 0.00	30.93 1.02 0.00	41.96 1.23 0.00	44.62 1.33 0.00	36.93 1.13 0.00	42.19 1.48 0.00	54.40 2.12 0.00	49.93 1.91 0.00	59.19 2.23 0.00	68.41 2.72 0.00	58.48 2.37 0.00	65.08 2.81 0.00	75.10 3.06 0.00	114.46 4.68 0.00	49.99 2.05 0.00	46.18 1.69 0.00

LUTHERNY_35_KV_BK2 355980	30.72 1.24 0.00	33.65 1.29 0.00	31.96 1.15 0.00	32.88 1.09 0.00	32.50 1.09 0.00	35.92 1.29 0.00	44.04 1.69 0.00	54.32 2.20 0.00	165.64 6.33 0.00	30.94 1.02 0.00	41.99 1.26 0.00	44.61 1.33 0.00	36.93 1.13 0.00	42.19 1.48 0.00	54.41 2.13 0.00	49.94 1.93 0.00	59.23 2.27 0.00	68.43 2.74 0.00	58.51 2.40 0.00	65.10 2.83 0.00	75.12 3.08 0.00	114.54 4.76 0.00	50.01 2.07 0.00	46.18 1.69 0.00
LWR___OSWEGATCHIE_HYD 23850	28.72 -0.77 0.00	31.57 -0.78 0.00	30.13 -0.68 0.00	31.07 -0.71 0.00	30.76 -0.65 0.00	33.98 -0.65 0.00	41.62 -0.73 0.00	50.94 -1.17 0.00	155.90 -3.41 0.00	29.19 -0.72 0.00	39.72 -1.01 0.00	42.11 -1.18 0.00	34.78 -1.02 0.00	39.47 -1.23 0.00	50.70 -1.58 0.00	46.63 -1.39 0.00	55.56 -1.40 0.00	64.02 -1.68 0.00	55.03 -1.07 0.00	61.21 -1.07 0.00	70.99 -1.05 0.00	108.31 -1.47 0.00	47.27 -0.67 0.00	43.76 -0.72 0.00
LYONS_FALL_HYD 23570	29.49 0.01 0.00	32.46 0.10 0.00	30.92 0.11 0.00	31.87 0.08 0.00	31.49 0.08 0.00	34.75 0.12 0.00	42.64 0.28 0.00	52.52 0.41 0.00	160.44 1.13 0.00	30.08 0.17 0.00	40.92 0.20 0.00	43.42 0.14 0.00	35.84 0.04 0.00	40.64 -0.07 0.00	52.21 -0.07 0.00	48.06 0.05 0.00	57.15 0.19 0.00	66.11 0.41 0.00	56.63 0.52 0.00	63.11 0.84 0.00	72.97 0.93 0.00	111.32 1.54 0.00	48.41 0.47 0.00	44.83 0.34 0.00
MADISON___COUNTY_LFGE 323628	29.88 0.40 0.00	32.82 0.47 0.00	31.24 0.43 0.00	32.23 0.44 0.00	31.83 0.43 0.00	35.17 0.54 0.00	43.14 0.78 0.00	53.28 1.17 0.00	163.02 3.71 0.00	30.60 0.68 0.00	41.65 0.93 0.00	44.18 0.89 0.00	36.40 0.60 0.00	41.30 0.60 0.00	52.90 0.63 0.00	48.65 0.63 0.00	57.69 0.73 0.00	66.86 1.16 0.00	57.24 1.14 0.00	63.79 1.52 0.00	73.65 1.61 0.00	112.21 2.43 0.00	48.79 0.85 0.00	45.23 0.74 0.00
MALONE___115KV_TB1 356076	29.60 0.12 0.00	32.47 0.12 0.00	30.99 0.18 0.00	32.03 0.25 0.00	31.73 0.32 0.00	35.09 0.46 0.00	42.86 0.51 0.00	52.39 0.27 0.00	160.46 1.15 0.00	30.04 0.13 0.00	40.93 0.20 0.00	43.44 0.15 0.00	35.92 0.12 0.00	40.86 0.16 0.00	52.40 0.13 0.00	48.09 0.08 0.00	57.18 0.22 0.00	65.91 0.21 0.00	56.71 0.61 0.00	62.96 0.69 0.00	72.98 0.95 0.00	111.27 1.49 0.00	48.63 0.68 0.00	44.98 0.49 0.00
MAPLEWOD_115KV_TB3 80458	30.31 0.83 0.00	33.20 0.85 0.00	31.52 0.71 0.00	32.46 0.68 0.00	32.06 0.65 0.00	35.33 0.70 0.00	43.32 0.97 0.00	53.41 1.30 0.00	162.74 3.43 0.00	30.49 0.58 0.00	41.27 0.54 0.00	43.81 0.52 0.00	36.38 0.58 0.00	41.46 0.76 0.00	53.59 1.31 0.00	49.24 1.23 0.00	58.42 1.46 0.00	67.47 1.79 0.00	57.55 1.44 0.00	63.95 1.68 0.00	73.72 1.68 0.00	112.33 2.55 0.00	49.14 1.20 0.00	45.46 0.97 0.00
MAPLE_RIDGE_WT_1 323574	29.36 -0.12 0.00	32.27 -0.08 0.00	30.79 -0.02 0.00	31.78 -0.01 0.00	31.41 0.00 0.00	34.62 -0.01 0.00	42.26 -0.09 0.00	51.82 -0.29 0.00	158.60 -0.71 0.00	29.78 -0.13 0.00	40.59 -0.14 0.00	43.12 -0.17 0.00	35.67 -0.13 0.00	40.56 -0.14 0.00	52.07 -0.21 0.00	47.78 -0.24 0.00	56.65 -0.31 0.00	65.30 -0.39 0.00	55.98 -0.13 0.00	62.04 -0.23 0.00	71.76 -0.28 0.00	109.44 -0.34 0.00	47.83 -0.11 0.00	44.42 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	29.36 -0.12 0.00	32.27 -0.08 0.00	30.79 -0.02 0.00	31.78 -0.01 0.00	31.41 0.00 0.00	34.62 -0.01 0.00	42.26 -0.09 0.00	51.82 -0.29 0.00	158.60 -0.71 0.00	29.78 -0.13 0.00	40.59 -0.14 0.00	43.12 -0.17 0.00	35.67 -0.13 0.00	40.56 -0.14 0.00	52.07 -0.21 0.00	47.78 -0.24 0.00	56.65 -0.31 0.00	65.30 -0.39 0.00	55.98 -0.13 0.00	62.04 -0.23 0.00	71.76 -0.28 0.00	109.44 -0.34 0.00	47.83 -0.11 0.00	44.42 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	29.76 0.28 0.00	32.65 0.30 0.00	31.16 0.34 0.00	32.20 0.42 0.00	31.88 0.47 0.00	35.25 0.62 0.00	42.96 0.61 0.00	52.58 0.47 0.00	161.01 1.70 0.00	30.10 0.19 0.00	41.05 0.33 0.00	43.62 0.33 0.00	36.09 0.29 0.00	41.12 0.42 0.00	52.71 0.43 0.00	48.27 0.26 0.00	57.31 0.35 0.00	66.14 0.45 0.00	56.80 0.70 0.00	63.06 0.78 0.00	73.13 1.09 0.00	111.34 1.57 0.00	48.71 0.77 0.00	45.09 0.60 0.00
MARSHVLE_115KV_TB1 80742	30.69 1.21 0.00	33.62 1.26 0.00	32.09 1.28 0.00	33.17 1.39 0.00	32.85 1.44 0.00	36.25 1.63 0.00	44.47 2.12 0.00	54.66 2.54 0.00	167.09 7.78 0.00	31.44 1.53 0.00	42.88 2.16 0.00	45.45 2.16 0.00	37.33 1.53 0.00	42.18 1.48 0.00	54.03 1.75 0.00	49.27 1.25 0.00	58.52 1.56 0.00	67.84 2.15 0.00	58.47 2.36 0.00	65.40 3.13 0.00	75.70 3.66 0.00	115.33 5.55 0.00	50.17 2.23 0.00	46.56 2.07 0.00
MARSH_HILL_WT_PWR 323713	27.80 -1.68 0.00	30.68 -1.67 0.00	29.35 -1.46 0.00	30.58 -1.21 0.00	30.42 -1.00 0.00	33.90 -0.73 0.00	41.28 -1.08 0.00	51.33 -0.78 0.00	156.74 -2.56 0.00	29.51 -0.40 0.00	40.55 -0.17 0.00	42.64 -0.64 0.00	35.05 -0.75 0.00	39.53 -1.18 0.00	50.24 -2.04 0.00	46.02 -2.00 0.00	54.17 -2.79 0.00	61.00 -3.58 1.11	50.99 -2.66 2.45	60.50 -1.77 0.00	69.95 -2.09 0.00	106.92 -2.86 0.00	46.13 -1.81 0.00	43.26 -1.23 0.00
MCINTYRE_115KV_TB2 80467	29.86 0.38 0.00	32.74 0.39 0.00	31.28 0.47 0.00	32.33 0.55 0.00	32.04 0.63 0.00	35.44 0.82 0.00	43.32 0.96 0.00	52.67 0.55 0.00	161.38 2.07 0.00	30.15 0.24 0.00	41.03 0.31 0.00	43.41 0.12 0.00	35.78 -0.02 0.00	40.67 -0.04 0.00	52.23 -0.05 0.00	48.10 0.08 0.00	57.22 0.26 0.00	65.80 0.11 0.00	56.78 0.67 0.00	63.13 0.85 0.00	73.43 1.40 0.00	111.98 2.20 0.00	49.00 1.06 0.00	45.42 0.93 0.00
MECO_____69_KV_BK1 80468	31.02 1.54 0.00	33.96 1.61 0.00	32.36 1.55 0.00	33.41 1.63 0.00	33.08 1.67 0.00	36.54 1.91 0.00	44.87 2.51 0.00	55.22 3.10 0.00	168.28 8.97 0.00	31.66 1.75 0.00	43.07 2.35 0.00	45.50 2.21 0.00	37.33 1.53 0.00	42.29 1.58 0.00	54.29 2.01 0.00	49.22 1.21 0.00	58.79 1.83 0.00	68.23 2.55 0.00	59.12 3.02 0.00	66.19 3.92 0.00	76.55 4.52 0.00	116.53 6.75 0.00	50.70 2.76 0.00	46.94 2.45 0.00
MENANDS___115KV_TB5 355628	30.18 0.70 0.00	33.06 0.71 0.00	31.38 0.57 0.00	32.32 0.54 0.00	31.92 0.51 0.00	35.17 0.55 0.00	43.11 0.75 0.00	53.14 1.03 0.00	161.89 2.58 0.00	30.34 0.43 0.00	41.05 0.33 0.00	43.55 0.26 0.00	36.19 0.39 0.00	41.26 0.55 0.00	53.33 1.05 0.00	49.02 1.00 0.00	58.14 1.18 0.00	67.15 1.46 0.00	57.23 1.12 0.00	63.58 1.31 0.00	73.30 1.26 0.00	111.68 1.90 0.00	48.88 0.94 0.00	45.22 0.73 0.00
MG INDUSTRY___DRP 24185	30.22 0.74 0.00	33.13 0.77 0.00	31.49 0.68 0.00	32.46 0.67 0.00	32.04 0.63 0.00	35.28 0.65 0.00	43.18 0.83 0.00	53.09 0.97 0.00	161.89 2.58 0.00	30.27 0.36 0.00	41.11 0.39 0.00	43.77 0.48 0.00	36.24 0.44 0.00	41.22 0.51 0.00	53.04 0.76 0.00	48.84 0.82 0.00	58.08 1.12 0.00	67.10 1.41 0.00	57.26 1.15 0.00	63.69 1.41 0.00	73.40 1.36 0.00	111.89 2.11 0.00	48.93 0.99 0.00	45.33 0.84 0.00

MID___OSWEGATCHIE_HYD 23849	28.72 -0.77 0.00	31.57 -0.78 0.00	30.13 -0.68 0.00	31.07 -0.71 0.00	30.76 -0.65 0.00	33.98 -0.65 0.00	41.62 -0.73 0.00	50.94 -1.17 0.00	155.90 -3.41 0.00	29.19 -0.72 0.00	39.72 -1.01 0.00	42.11 -1.18 0.00	34.78 -1.02 0.00	39.47 -1.23 0.00	50.70 -1.58 0.00	46.63 -1.39 0.00	55.56 -1.40 0.00	64.02 -1.68 0.00	55.03 -1.07 0.00	61.21 -1.07 0.00	70.99 -1.05 0.00	108.31 -1.47 0.00	47.27 -0.67 0.00	43.76 -0.72 0.00
MID___RAQUETTE_HYD 23851	28.94 -0.54 0.00	31.75 -0.61 0.00	30.32 -0.49 0.00	31.32 -0.47 0.00	31.04 -0.37 0.00	34.29 -0.34 0.00	41.89 -0.46 0.00	51.01 -1.11 0.00	156.39 -2.92 0.00	29.27 -0.64 0.00	39.85 -0.88 0.00	42.25 -1.04 0.00	34.90 -0.89 0.00	39.71 -1.00 0.00	50.98 -1.30 0.00	46.85 -1.17 0.00	55.80 -1.16 0.00	64.08 -1.61 0.00	55.21 -0.90 0.00	61.23 -1.04 0.00	71.07 -0.97 0.00	108.40 -1.39 0.00	47.53 -0.41 0.00	44.04 -0.45 0.00
MILLIKEN___1 23584	29.53 0.05 0.00	32.47 0.12 0.00	30.86 0.05 0.00	31.91 0.12 0.00	31.52 0.11 0.00	34.80 0.17 0.00	42.63 0.28 0.00	52.66 0.54 0.00	161.18 1.87 0.00	30.22 0.31 0.00	41.21 0.49 0.00	43.61 0.32 0.00	35.91 0.11 0.00	40.79 0.09 0.00	52.29 0.01 0.00	47.94 -0.09 0.00	56.86 -0.10 0.00	66.97 0.05 -1.23	59.19 0.14 -2.94	63.09 0.81 0.00	72.80 0.77 0.00	110.96 1.18 0.00	48.18 0.24 0.00	44.74 0.25 0.00
MILLIKEN___2 23585	29.53 0.05 0.00	32.47 0.12 0.00	30.86 0.05 0.00	31.91 0.12 0.00	31.52 0.11 0.00	34.80 0.17 0.00	42.63 0.28 0.00	52.66 0.54 0.00	161.18 1.87 0.00	30.22 0.31 0.00	41.21 0.49 0.00	43.61 0.32 0.00	35.91 0.11 0.00	40.79 0.09 0.00	52.29 0.01 0.00	47.94 -0.09 0.00	56.86 -0.10 0.00	66.97 0.05 -1.23	59.19 0.14 -2.94	63.09 0.81 0.00	72.80 0.77 0.00	110.96 1.18 0.00	48.18 0.24 0.00	44.74 0.25 0.00
MILLIKEN___DIESEL 23629	29.53 0.05 0.00	32.47 0.12 0.00	30.86 0.05 0.00	31.91 0.12 0.00	31.52 0.11 0.00	34.80 0.17 0.00	42.63 0.28 0.00	52.66 0.54 0.00	161.18 1.87 0.00	30.22 0.31 0.00	41.21 0.49 0.00	43.61 0.32 0.00	35.91 0.11 0.00	40.79 0.09 0.00	52.29 0.01 0.00	47.94 -0.09 0.00	56.86 -0.10 0.00	66.97 0.05 -1.23	59.19 0.14 -2.94	63.09 0.81 0.00	72.80 0.77 0.00	110.96 1.18 0.00	48.18 0.24 0.00	44.74 0.25 0.00
MILLSEAT___LFGE 323607	27.36 -2.12 0.00	30.06 -2.30 0.00	28.65 -2.16 0.00	29.72 -2.06 0.00	29.36 -2.05 0.00	32.61 -2.02 0.00	39.43 -2.92 0.00	48.99 -3.12 0.00	150.20 -9.11 0.00	28.31 -1.60 0.00	39.04 -1.69 0.00	41.03 -2.26 0.00	33.63 -2.17 0.00	37.87 -2.84 0.00	47.84 -4.44 0.00	43.81 -4.21 0.00	51.56 -5.40 0.00	58.62 -6.65 0.42	50.08 -5.26 0.77	57.93 -4.34 0.00	67.43 -4.61 0.00	103.04 -6.74 0.00	44.59 -3.35 0.00	41.96 -2.54 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.94 1.46 0.00	33.88 1.53 0.00	32.17 1.36 0.00	33.15 1.36 0.00	32.72 1.31 0.00	36.01 1.38 0.00	44.32 1.97 0.00	54.96 2.84 0.00	167.72 8.42 0.00	31.49 1.58 0.00	42.89 2.16 0.00	45.83 2.54 0.00	37.97 2.18 0.00	43.11 2.40 0.00	55.50 3.22 0.00	51.15 3.13 0.00	60.76 3.80 0.00	70.04 4.35 0.00	59.42 3.32 0.00	66.19 3.92 0.00	75.96 3.92 0.00	115.33 5.55 0.00	50.26 2.33 0.00	46.62 2.13 0.00
MILLWOOD_13_KV_LOAD 356217	30.97 1.49 0.00	33.92 1.57 0.00	32.21 1.40 0.00	33.18 1.40 0.00	32.75 1.35 0.00	36.05 1.42 0.00	44.38 2.03 0.00	55.02 2.90 0.00	167.89 8.58 0.00	31.53 1.62 0.00	42.94 2.22 0.00	45.88 2.59 0.00	38.02 2.22 0.00	43.16 2.45 0.00	55.56 3.28 0.00	51.21 3.20 0.00	60.86 3.90 0.00	70.14 4.45 0.00	59.52 3.42 0.00	66.31 4.03 0.00	76.09 4.05 0.00	115.48 5.69 0.00	50.33 2.39 0.00	46.67 2.18 0.00
MODEL_CITY_ENERGY 24167	26.39 -3.09 0.00	29.02 -3.33 0.00	27.69 -3.12 0.00	28.75 -3.04 0.00	28.36 -3.05 0.00	31.46 -3.17 0.00	37.84 -4.51 0.00	46.88 -5.23 0.00	143.84 -15.48 0.00	27.17 -2.74 0.00	37.56 -3.17 0.00	39.50 -3.79 0.00	32.36 -3.44 0.00	36.48 -4.22 0.00	46.03 -6.25 0.00	42.06 -5.96 0.00	49.46 -7.51 0.00	56.02 -9.16 0.51	47.85 -7.40 0.85	55.48 -6.79 0.00	64.53 -7.50 0.00	98.65 -11.13 0.00	42.82 -5.12 0.00	40.44 -4.05 0.00
MODERN_LFGE___ 323580	26.39 -3.09 0.00	29.02 -3.33 0.00	27.69 -3.12 0.00	28.75 -3.04 0.00	28.36 -3.05 0.00	31.46 -3.17 0.00	37.84 -4.51 0.00	46.88 -5.23 0.00	143.84 -15.48 0.00	27.17 -2.74 0.00	37.56 -3.17 0.00	39.50 -3.79 0.00	32.36 -3.44 0.00	36.48 -4.22 0.00	46.03 -6.25 0.00	42.06 -5.96 0.00	49.46 -7.51 0.00	56.02 -9.16 0.51	47.85 -7.40 0.85	55.48 -6.79 0.00	64.53 -7.50 0.00	98.65 -11.13 0.00	42.82 -5.12 0.00	40.44 -4.05 0.00
MOHAWK_PAPER___DRP 24187	30.31 0.83 0.00	33.20 0.85 0.00	31.52 0.71 0.00	32.46 0.68 0.00	32.06 0.65 0.00	35.33 0.70 0.00	43.32 0.97 0.00	53.41 1.30 0.00	162.74 3.43 0.00	30.49 0.58 0.00	41.27 0.54 0.00	43.81 0.52 0.00	36.38 0.58 0.00	41.46 0.76 0.00	53.59 1.31 0.00	49.24 1.23 0.00	58.42 1.46 0.00	67.47 1.79 0.00	57.55 1.44 0.00	63.95 1.68 0.00	73.72 1.68 0.00	112.33 2.55 0.00	49.14 1.20 0.00	45.46 0.97 0.00
MOHICAN___35_KV_115KV_LD 80490	30.85 1.37 0.00	33.75 1.40 0.00	31.94 1.13 0.00	32.92 1.13 0.00	32.57 1.17 0.00	36.02 1.39 0.00	44.33 1.98 0.00	54.66 2.54 0.00	166.53 7.22 0.00	31.08 1.17 0.00	42.17 1.45 0.00	45.03 1.74 0.00	37.34 1.54 0.00	42.70 2.00 0.00	54.83 2.55 0.00	50.23 2.21 0.00	59.45 2.49 0.00	68.70 3.01 0.00	58.81 2.70 0.00	65.53 3.25 0.00	75.65 3.62 0.00	115.39 5.61 0.00	50.40 2.45 0.00	46.38 1.89 0.00
MONGAUP___HYD 23641	30.61 1.13 0.00	33.53 1.18 0.00	31.85 1.04 0.00	32.82 1.04 0.00	32.40 0.99 0.00	35.67 1.04 0.00	43.68 1.33 0.00	54.02 1.91 0.00	164.05 4.74 0.00	30.55 0.63 0.00	41.63 0.90 0.00	44.52 1.23 0.00	36.82 1.02 0.00	42.12 1.42 0.00	54.54 2.26 0.00	49.86 1.84 0.00	59.16 2.20 0.00	68.59 2.90 0.00	58.40 2.30 0.00	65.15 2.88 0.00	74.88 2.85 0.00	113.68 3.90 0.00	49.43 1.49 0.00	46.15 1.66 0.00
MONTAUK___DIESEL 23721	31.32 1.73 -0.10	34.01 1.96 0.30	33.03 2.27 0.06	35.20 3.09 -0.32	36.03 3.25 -1.38	41.55 3.49 -3.43	47.20 4.72 -0.13	58.26 6.15 0.00	176.36 17.05 0.00	33.55 3.46 -0.18	44.84 4.22 0.10	50.84 4.73 -2.81	42.36 3.94 -2.61	46.82 4.34 -1.77	57.87 5.59 0.00	55.02 5.30 -1.70	70.56 6.83 -6.77	93.30 8.23 -19.37	85.23 7.00 -22.12	83.46 8.25 -12.94	88.07 9.12 -6.92	137.16 13.69 -13.69	58.38 5.67 -4.77	49.37 4.88 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.13 -1.35 0.00	31.07 -1.29 0.00	29.54 -1.27 0.00	30.64 -1.14 0.00	30.11 -1.30 0.00	33.56 -1.07 0.00	40.91 -1.45 0.00	51.04 -1.08 0.00	156.62 -2.69 0.00	29.43 -0.48 0.00	40.62 -0.10 0.00	42.86 -0.43 0.00	35.23 -0.57 0.00	39.68 -1.02 0.00	49.96 -2.32 0.00	45.37 -2.65 0.00	53.23 -3.73 0.00	60.26 -4.81 0.63	50.83 -4.15 1.13	59.43 -2.84 0.00	68.79 -3.25 0.00	105.22 -4.56 0.00	45.21 -2.73 0.00	42.29 -2.20 0.00

MORRIS_RIDGE___SOLAR 323848	27.68 -1.80 0.00	30.57 -1.78 0.00	29.17 -1.65 0.00	30.26 -1.52 0.00	30.00 -1.41 0.00	33.24 -1.39 0.00	40.33 -2.02 0.00	50.08 -2.04 0.00	153.05 -6.26 0.00	28.83 -1.08 0.00	39.66 -1.06 0.00	41.69 -1.60 0.00	34.30 -1.50 0.00	38.70 -2.00 0.00	49.15 -3.13 0.00	44.93 -3.09 0.00	53.03 -3.93 0.00	60.12 -4.79 0.78	50.68 -3.81 1.61	59.25 -3.03 0.00	68.52 -3.52 0.00	104.86 -4.92 0.00	45.38 -2.56 0.00	42.56 -1.94 0.00
MORTIMER_115KV_TB3 55949	27.84 -1.64 0.00	30.58 -1.78 0.00	29.14 -1.67 0.00	30.16 -1.62 0.00	29.82 -1.60 0.00	33.02 -1.61 0.00	40.14 -2.21 0.00	49.68 -2.43 0.00	152.19 -7.12 0.00	28.67 -1.24 0.00	39.33 -1.40 0.00	41.55 -1.74 0.00	34.20 -1.60 0.00	38.68 -2.03 0.00	49.17 -3.11 0.00	44.99 -3.03 0.00	53.11 -3.86 0.00	60.76 -4.70 0.23	51.71 -3.83 0.56	59.07 -3.20 0.00	68.54 -3.50 0.00	104.52 -5.26 0.00	45.31 -2.63 0.00	42.39 -2.10 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.17 1.69 0.00	34.13 1.77 0.00	32.38 1.57 0.00	33.36 1.58 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.65 2.29 0.00	55.40 3.29 0.00	169.19 9.88 0.00	31.81 1.90 0.00	43.33 2.60 0.00	46.31 3.02 0.00	38.62 2.59 -0.23	43.57 2.86 0.00	56.03 3.75 0.00	51.65 3.64 0.00	61.35 4.39 0.00	70.66 4.97 0.00	59.91 3.80 0.00	66.70 4.42 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.60 2.66 0.00	46.94 2.45 0.00
MUNSVILLE_WIND_PWR 323609	31.23 1.75 0.00	34.36 2.00 0.00	32.68 1.87 0.00	33.78 1.99 0.00	33.38 1.97 0.00	36.94 2.31 0.00	45.09 2.73 0.00	56.34 4.22 0.00	176.30 17.00 0.00	33.01 3.10 0.00	44.89 4.16 0.00	46.93 3.64 0.00	38.60 2.80 0.00	43.98 3.27 0.00	56.41 4.13 0.00	51.10 3.09 0.00	59.62 2.66 0.00	69.58 3.30 -0.59	61.01 3.46 -1.45	66.92 4.65 0.00	77.30 5.26 0.00	117.54 7.76 0.00	50.82 2.88 0.00	47.33 2.84 0.00
N SALMON___HYD 24042	29.60 0.12 0.00	32.47 0.12 0.00	30.99 0.18 0.00	32.03 0.25 0.00	31.73 0.32 0.00	35.09 0.46 0.00	42.86 0.51 0.00	52.39 0.27 0.00	160.46 1.15 0.00	30.04 0.13 0.00	40.93 0.21 0.00	43.44 0.15 0.00	35.92 0.12 0.00	40.87 0.16 0.00	52.40 0.13 0.00	48.09 0.08 0.00	57.18 0.22 0.00	65.91 0.21 0.00	56.71 0.61 0.00	62.96 0.69 0.00	72.98 0.95 0.00	111.28 1.50 0.00	48.62 0.68 0.00	44.98 0.49 0.00
N.AKRON__115KV_KNAPP 355671	27.28 -2.20 0.00	29.99 -2.36 0.00	28.59 -2.22 0.00	29.66 -2.13 0.00	29.29 -2.12 0.00	32.53 -2.10 0.00	39.31 -3.05 0.00	48.83 -3.28 0.00	149.73 -9.58 0.00	28.23 -1.67 0.00	38.92 -1.80 0.00	40.92 -2.36 0.00	33.55 -2.25 0.00	37.76 -2.94 0.00	47.66 -4.62 0.00	43.69 -4.33 0.00	51.39 -5.57 0.00	58.40 -6.85 0.44	49.84 -5.47 0.79	57.72 -4.55 0.00	67.17 -4.87 0.00	102.68 -7.10 0.00	44.43 -3.51 0.00	41.84 -2.65 0.00
N.E_GEN_SANDY PD 24062	30.52 1.04 0.00	33.42 1.06 0.00	31.65 0.83 0.00	32.57 0.79 0.00	32.17 0.77 0.00	35.49 0.86 0.00	43.49 1.13 0.00	53.53 1.41 0.00	135.65 3.86 27.53	30.35 0.44 0.00	38.89 0.21 2.05	38.25 0.26 5.30	36.18 0.38 0.00	41.46 0.76 0.00	53.60 1.42 0.09	49.32 1.30 0.00	57.71 1.50 0.74	66.98 1.90 0.61	57.14 1.54 0.50	64.02 1.75 0.00	73.83 1.79 0.00	112.67 2.89 0.00	49.48 1.53 0.00	45.66 1.17 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.90 1.42 0.00	33.83 1.48 0.00	32.12 1.31 0.00	33.11 1.33 0.00	32.67 1.26 0.00	35.95 1.32 0.00	44.26 1.91 0.00	54.88 2.77 0.00	167.53 8.23 0.00	31.45 1.54 0.00	42.88 2.15 0.00	45.83 2.54 0.00	37.97 2.17 0.00	43.10 2.39 0.00	55.50 3.22 0.00	51.17 3.16 0.00	60.76 3.80 0.00	70.04 4.35 0.00	59.43 3.32 0.00	66.21 3.93 0.00	75.96 3.92 0.00	115.26 5.48 0.00	50.25 2.31 0.00	46.60 2.11 0.00
N.QUEENS_27_KV_LOAD 356247	31.17 1.69 0.00	34.13 1.77 0.00	32.42 1.61 0.00	33.34 1.56 0.00	32.92 1.51 0.00	36.30 1.67 0.00	44.78 2.43 0.00	55.46 3.35 0.00	169.31 10.00 0.00	31.85 1.94 0.00	43.45 2.65 -0.07	47.22 3.19 -0.74	38.62 2.60 -0.22	43.59 2.88 0.00	56.15 3.87 0.00	51.74 3.72 0.00	61.39 4.43 0.00	71.20 5.09 -0.42	61.44 3.96 -1.37	66.72 4.45 0.00	76.55 4.51 0.00	116.21 6.43 0.00	50.66 2.72 0.00	47.01 2.52 0.00
N.TROY___115KV_TB1 355778	30.37 0.89 0.00	33.27 0.92 0.00	31.54 0.73 0.00	32.48 0.70 0.00	32.09 0.68 0.00	35.40 0.77 0.00	43.40 1.04 0.00	53.48 1.36 0.00	162.99 3.68 0.00	30.42 0.50 0.00	41.13 0.40 0.00	43.73 0.44 0.00	36.28 0.48 0.00	41.47 0.77 0.00	53.61 1.33 0.00	49.23 1.21 0.00	58.36 1.40 0.00	67.46 1.77 0.00	57.58 1.48 0.00	64.01 1.74 0.00	73.84 1.80 0.00	112.62 2.84 0.00	49.33 1.39 0.00	45.55 1.06 0.00
NARROWS_GT1_1 24228	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT1_2 24229	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT1_3 24230	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT1_4 24231	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT1_5 24232	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01

NARROWS_GT1_6 24233	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT1_7 24234	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT1_8 24235	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT2_1 24236	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT2_2 24237	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT2_3 24238	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT2_4 24239	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT2_5 24240	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT2_6 24241	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT2_7 24242	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NARROWS_GT2_8 24243	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.55 1.06 0.00	33.45 1.10 0.00	31.77 0.96 0.00	32.74 0.95 0.00	32.33 0.92 0.00	35.65 1.02 0.00	43.73 1.37 0.00	53.81 1.70 0.00	163.70 4.39 0.00	30.56 0.64 0.00	41.55 0.82 0.00	44.22 0.93 0.00	36.66 0.86 0.00	41.70 1.00 0.00	53.66 1.38 0.00	49.36 1.34 0.00	58.72 1.76 0.00	68.07 2.38 0.00	58.08 1.98 0.00	64.74 2.47 0.00	74.66 2.62 0.00	113.64 3.86 0.00	49.62 1.68 0.00	45.86 1.38 0.00
NCHELSEA_115KV_TR2 355582	31.09 1.60 0.00	34.04 1.69 0.00	32.32 1.51 0.00	33.31 1.53 0.00	32.88 1.46 0.00	36.21 1.58 0.00	44.56 2.20 0.00	55.19 3.08 0.00	168.41 9.10 0.00	31.58 1.67 0.00	43.00 2.28 0.00	45.93 2.65 0.00	38.06 2.26 0.00	43.25 2.54 0.00	55.71 3.43 0.00	51.39 3.37 0.00	61.04 4.08 0.00	70.34 4.65 0.00	59.74 3.64 0.00	66.57 4.29 0.00	76.45 4.42 0.00	116.08 6.30 0.00	50.55 2.60 0.00	46.84 2.35 0.00
NEG CAPITAL____MECHNVIL 23645	30.76 1.28 0.00	33.69 1.34 0.00	31.95 1.13 0.00	32.92 1.13 0.00	32.53 1.12 0.00	35.91 1.28 0.00	44.09 1.73 0.00	54.35 2.24 0.00	165.75 6.44 0.00	30.96 1.05 0.00	41.96 1.24 0.00	44.63 1.34 0.00	36.96 1.16 0.00	42.21 1.51 0.00	54.47 2.19 0.00	50.01 1.99 0.00	59.29 2.33 0.00	68.52 2.83 0.00	58.57 2.47 0.00	65.16 2.89 0.00	75.18 3.14 0.00	114.57 4.79 0.00	50.07 2.13 0.00	46.23 1.74 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.61 -1.87 0.00	30.33 -2.03 0.00	28.89 -1.92 0.00	29.90 -1.88 0.00	29.57 -1.84 0.00	32.76 -1.87 0.00	39.88 -2.47 0.00	49.35 -2.77 0.00	151.03 -8.28 0.00	28.43 -1.49 0.00	38.94 -1.79 0.00	41.16 -2.13 0.00	33.90 -1.90 0.00	38.39 -2.32 0.00	48.88 -3.40 0.00	44.77 -3.24 0.00	52.91 -4.05 0.00	60.66 -4.89 0.15	51.70 -4.02 0.39	58.67 -3.60 0.00	68.02 -4.02 0.00	103.73 -6.05 0.00	44.97 -2.97 0.00	41.97 -2.52 0.00

NEG CENTRAL___DRP 24199	28.73 -0.75 0.00	31.61 -0.74 0.00	30.06 -0.75 0.00	31.09 -0.69 0.00	30.75 -0.66 0.00	34.02 -0.61 0.00	41.60 -0.75 0.00	51.34 -0.77 0.00	156.36 -2.95 0.00	29.48 -0.43 0.00	40.26 -0.46 0.00	42.62 -0.67 0.00	35.10 -0.70 0.00	39.80 -0.91 0.00	50.86 -1.42 0.00	46.66 -1.36 0.00	55.12 -1.83 0.00	63.38 -2.10 0.22	53.82 -1.76 0.52	60.99 -1.28 0.00	70.47 -1.57 0.00	107.41 -2.37 0.00	46.77 -1.17 0.00	43.53 -0.97 0.00
NEG CENTRAL___INDECK 23768	28.54 -0.94 0.00	31.38 -0.97 0.00	29.94 -0.87 0.00	31.03 -0.76 0.00	30.77 -0.64 0.00	34.19 -0.44 0.00	41.68 -0.67 0.00	51.84 -0.27 0.00	158.38 -0.93 0.00	29.72 -0.19 0.00	40.59 -0.14 0.00	42.77 -0.52 0.00	35.15 -0.65 0.00	39.66 -1.05 0.00	50.37 -1.91 0.00	46.21 -1.81 0.00	54.60 -2.36 0.00	62.18 -2.87 0.64	52.72 -1.96 1.43	61.45 -0.82 0.00	71.33 -0.71 0.00	108.79 -0.99 0.00	46.95 -1.00 0.00	43.90 -0.59 0.00
NEG CENTRAL___SENECA 23627	28.66 -0.82 0.00	31.56 -0.80 0.00	30.03 -0.78 0.00	31.09 -0.70 0.00	30.75 -0.66 0.00	34.06 -0.57 0.00	41.63 -0.72 0.00	51.46 -0.65 0.00	156.28 -3.03 0.00	29.54 -0.37 0.00	40.41 -0.32 0.00	42.72 -0.57 0.00	35.15 -0.65 0.00	39.82 -0.89 0.00	50.75 -1.53 0.00	46.56 -1.45 0.00	54.91 -2.05 0.00	62.83 -2.43 0.43	53.12 -1.97 1.02	60.85 -1.42 0.00	70.29 -1.75 0.00	107.20 -2.58 0.00	46.68 -1.27 0.00	43.49 -1.00 0.00
NEG CENTRAL___STATE_STREET 24147	29.10 -0.39 0.00	32.00 -0.36 0.00	30.34 -0.47 0.00	31.41 -0.38 0.00	31.06 -0.35 0.00	34.26 -0.37 0.00	41.98 -0.37 0.00	51.63 -0.48 0.00	157.75 -1.56 0.00	29.64 -0.27 0.00	40.40 -0.33 0.00	42.81 -0.48 0.00	35.28 -0.51 0.00	40.06 -0.64 0.00	51.34 -0.93 0.00	47.09 -0.92 0.00	55.78 -1.18 0.00	64.63 -1.23 -0.16	55.45 -1.04 -0.38	61.86 -0.42 0.00	71.43 -0.60 0.00	108.91 -0.87 0.00	47.39 -0.55 0.00	44.03 -0.46 0.00
NEG MILLWOOD___DRP 24198	31.14 1.66 0.00	34.09 1.74 0.00	32.37 1.56 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.26 1.62 0.00	44.64 2.29 0.00	55.34 3.22 0.00	168.84 9.53 0.00	31.68 1.77 0.00	43.14 2.42 0.00	46.08 2.79 0.00	38.19 2.39 0.00	43.38 2.68 0.00	55.83 3.55 0.00	51.52 3.50 0.00	61.22 4.26 0.00	70.56 4.87 0.00	59.91 3.80 0.00	66.74 4.46 0.00	76.62 4.58 0.00	116.33 6.55 0.00	50.64 2.70 0.00	46.91 2.42 0.00
NEG NORTH_FLCN_SEA 23793	30.34 0.86 0.00	33.23 0.88 0.00	31.68 0.87 0.00	32.79 1.00 0.00	32.46 1.05 0.00	36.00 1.37 0.00	43.81 1.46 0.00	53.85 1.74 0.00	164.70 5.39 0.00	30.72 0.80 0.00	41.88 1.15 0.00	44.55 1.27 0.00	36.89 1.09 0.00	42.11 1.40 0.00	53.88 1.60 0.00	49.21 1.19 0.00	58.42 1.46 0.00	67.63 1.94 0.00	57.93 1.83 0.00	64.55 2.28 0.00	74.78 2.75 0.00	113.87 4.09 0.00	49.88 1.94 0.00	45.99 1.50 0.00
NEG NORTH_KES_CHATEGAY 23792	29.72 0.24 0.00	32.61 0.26 0.00	31.13 0.32 0.00	32.17 0.38 0.00	31.85 0.44 0.00	35.20 0.57 0.00	42.95 0.59 0.00	52.48 0.37 0.00	160.60 1.30 0.00	30.03 0.12 0.00	40.95 0.22 0.00	43.47 0.18 0.00	35.98 0.18 0.00	40.97 0.26 0.00	52.49 0.22 0.00	48.11 0.10 0.00	57.16 0.20 0.00	65.95 0.26 0.00	56.74 0.63 0.00	62.94 0.67 0.00	73.06 1.02 0.00	111.24 1.46 0.00	48.62 0.68 0.00	45.03 0.54 0.00
NEG NORTH___ALICE_FALLS 23915	30.24 0.75 0.00	33.13 0.77 0.00	31.58 0.77 0.00	32.67 0.89 0.00	32.36 0.95 0.00	35.88 1.25 0.00	43.69 1.34 0.00	53.67 1.55 0.00	164.20 4.89 0.00	30.66 0.75 0.00	41.79 1.06 0.00	44.42 1.13 0.00	36.75 0.95 0.00	41.92 1.22 0.00	53.67 1.39 0.00	49.07 1.05 0.00	58.29 1.33 0.00	67.44 1.74 0.00	57.83 1.72 0.00	64.43 2.16 0.00	74.63 2.59 0.00	113.70 3.93 0.00	49.75 1.81 0.00	45.87 1.39 0.00
NEG NORTH___LWR_SARANAC 23913	30.24 0.75 0.00	33.13 0.77 0.00	31.58 0.77 0.00	32.67 0.89 0.00	32.36 0.95 0.00	35.88 1.25 0.00	43.69 1.34 0.00	53.67 1.55 0.00	164.20 4.89 0.00	30.66 0.75 0.00	41.79 1.06 0.00	44.42 1.13 0.00	36.75 0.95 0.00	41.92 1.22 0.00	53.67 1.39 0.00	49.07 1.05 0.00	58.29 1.33 0.00	67.44 1.74 0.00	57.83 1.72 0.00	64.43 2.16 0.00	74.63 2.59 0.00	113.70 3.93 0.00	49.75 1.81 0.00	45.87 1.39 0.00
NEG NORTH___PLATTSBURG 23628	30.24 0.75 0.00	33.13 0.77 0.00	31.58 0.77 0.00	32.67 0.88 0.00	32.36 0.95 0.00	35.88 1.25 0.00	43.69 1.34 0.00	53.67 1.55 0.00	164.20 4.89 0.00	30.66 0.75 0.00	41.78 1.06 0.00	44.42 1.13 0.00	36.75 0.95 0.00	41.92 1.22 0.00	53.67 1.39 0.00	49.07 1.05 0.00	58.30 1.34 0.00	67.44 1.75 0.00	57.83 1.72 0.00	64.43 2.16 0.00	74.63 2.59 0.00	113.70 3.92 0.00	49.75 1.80 0.00	45.87 1.39 0.00
NEG WEST_LEA_LOCKPORT 23791	26.67 -2.81 0.00	29.34 -3.02 0.00	27.98 -2.83 0.00	29.05 -2.74 0.00	28.66 -2.75 0.00	31.81 -2.82 0.00	38.30 -4.05 0.00	47.49 -4.62 0.00	145.71 -13.60 0.00	27.50 -2.41 0.00	37.99 -2.73 0.00	39.95 -3.34 0.00	32.76 -3.04 0.00	36.91 -3.79 0.00	46.59 -5.69 0.00	42.57 -5.45 0.00	50.06 -6.90 0.00	56.75 -8.45 0.50	48.39 -6.86 0.85	56.17 -6.10 0.00	65.32 -6.72 0.00	99.91 -9.87 0.00	43.29 -4.65 0.00	40.87 -3.62 0.00
NEG WEST___LANCASTER 23811	27.59 -1.89 0.00	30.40 -1.95 0.00	28.98 -1.84 0.00	30.08 -1.70 0.00	29.67 -1.74 0.00	32.85 -1.78 0.00	39.68 -2.67 0.00	49.29 -2.82 0.00	151.11 -8.20 0.00	28.53 -1.38 0.00	39.38 -1.35 0.00	41.47 -1.82 0.00	34.05 -1.75 0.00	38.46 -2.24 0.00	48.55 -3.73 0.00	44.35 -3.67 0.00	52.14 -4.82 0.00	59.37 -5.72 0.61	50.35 -4.68 1.08	58.53 -3.75 0.00	67.71 -4.33 0.00	103.68 -6.10 0.00	44.83 -3.11 0.00	42.19 -2.30 0.00
NEG_PENN_ALLEGHNY 23528	29.27 -0.21 0.00	32.21 -0.13 0.00	30.67 -0.14 0.00	31.71 -0.08 0.00	31.29 -0.12 0.00	34.53 -0.10 0.00	42.20 -0.15 0.00	52.19 0.08 0.00	159.39 0.08 0.00	29.96 0.05 0.00	40.98 0.26 0.00	43.45 0.16 0.00	35.82 0.02 0.00	40.65 -0.06 0.00	51.95 -0.33 0.00	47.65 -0.37 0.00	56.37 -0.59 0.00	64.79 -0.64 0.26	55.02 -0.55 0.53	62.25 -0.03 0.00	71.65 -0.38 0.00	109.44 -0.34 0.00	47.51 -0.43 0.00	44.22 -0.27 0.00
NEG___GEN_MONROE 24207	27.93 -1.55 0.00	30.67 -1.68 0.00	29.23 -1.59 0.00	30.26 -1.52 0.00	29.91 -1.50 0.00	33.16 -1.47 0.00	40.29 -2.06 0.00	49.91 -2.21 0.00	152.89 -6.42 0.00	28.80 -1.12 0.00	39.53 -1.20 0.00	41.70 -1.58 0.00	34.29 -1.51 0.00	38.74 -1.96 0.00	49.19 -3.09 0.00	45.03 -2.99 0.00	53.11 -3.85 0.00	60.80 -4.65 0.24	51.78 -3.74 0.58	59.28 -2.99 0.00	68.85 -3.19 0.00	105.04 -4.74 0.00	45.49 -2.45 0.00	42.58 -1.91 0.00
NEPA___ENERGY 23901	27.82 -1.66 0.00	30.80 -1.55 0.00	29.28 -1.53 0.00	30.41 -1.37 0.00	29.90 -1.51 0.00	33.15 -1.48 0.00	40.15 -2.20 0.00	49.92 -2.19 0.00	152.95 -6.36 0.00	28.78 -1.13 0.00	39.86 -0.86 0.00	42.02 -1.27 0.00	34.44 -1.36 0.00	38.89 -1.82 0.00	49.10 -3.18 0.00	44.85 -3.17 0.00	52.60 -4.36 0.00	59.89 -5.19 0.61	50.64 -4.39 1.08	59.04 -3.23 0.00	67.81 -4.22 0.00	104.09 -5.69 0.00	44.88 -3.06 0.00	42.18 -2.31 0.00

NEVERSINK___HYD 23608	31.34 1.86 0.00	34.33 1.98 0.00	32.62 1.81 0.00	33.64 1.85 0.00	33.21 1.80 0.00	36.61 1.98 0.00	45.02 2.67 0.00	55.69 3.57 0.00	169.69 10.38 0.00	31.75 1.83 0.00	43.26 2.53 0.00	46.10 2.81 0.00	38.22 2.42 0.00	43.38 2.68 0.00	55.86 3.58 0.00	51.68 3.66 0.00	61.40 4.44 0.00	70.84 5.15 0.00	60.24 4.14 0.00	67.15 4.88 0.00	77.12 5.09 0.00	117.07 7.29 0.00	50.95 3.01 0.00	47.24 2.75 0.00
NEWKRMKL_115KV_TB1 55635	30.04 0.56 0.00	32.91 0.55 0.00	31.27 0.46 0.00	32.20 0.41 0.00	31.80 0.39 0.00	35.04 0.41 0.00	42.93 0.58 0.00	52.95 0.84 0.00	161.18 1.87 0.00	30.23 0.32 0.00	40.93 0.21 0.00	43.41 0.12 0.00	36.07 0.27 0.00	41.09 0.38 0.00	53.03 0.75 0.00	48.77 0.75 0.00	57.91 0.95 0.00	66.88 1.20 0.00	57.00 0.89 0.00	63.33 1.06 0.00	73.00 0.96 0.00	111.22 1.44 0.00	48.63 0.69 0.00	45.01 0.52 0.00
NEWTON___FALLS_HYD 23847	28.72 -0.77 0.00	31.57 -0.78 0.00	30.13 -0.68 0.00	31.07 -0.71 0.00	30.76 -0.65 0.00	33.98 -0.65 0.00	41.62 -0.73 0.00	50.94 -1.17 0.00	155.90 -3.41 0.00	29.19 -0.72 0.00	39.72 -1.01 0.00	42.11 -1.18 0.00	34.78 -1.02 0.00	39.47 -1.23 0.00	50.70 -1.58 0.00	46.63 -1.39 0.00	55.56 -1.40 0.00	64.02 -1.68 0.00	55.03 -1.07 0.00	61.21 -1.07 0.00	70.99 -1.05 0.00	108.31 -1.47 0.00	47.27 -0.67 0.00	43.76 -0.72 0.00
NGRID_A1_DSASP 323792	26.27 -3.21 0.00	28.86 -3.49 0.00	27.55 -3.26 0.00	28.60 -3.19 0.00	28.38 -3.03 0.00	31.52 -3.12 0.00	37.91 -4.45 0.00	46.94 -5.17 0.00	143.99 -15.32 0.00	27.18 -2.73 0.00	37.57 -3.16 0.00	39.53 -3.76 0.00	32.44 -3.36 0.00	36.58 -4.12 0.00	46.14 -6.13 0.00	42.11 -5.91 0.00	49.55 -7.41 0.00	56.00 -9.15 0.54	47.55 -7.69 0.87	55.26 -7.01 0.00	64.27 -7.77 0.00	98.25 -11.53 0.00	42.59 -5.35 0.00	40.32 -4.17 0.00
NGRID_A2_DSASP 323793	26.27 -3.21 0.00	28.86 -3.49 0.00	27.55 -3.26 0.00	28.60 -3.19 0.00	28.38 -3.03 0.00	31.52 -3.12 0.00	37.91 -4.45 0.00	46.94 -5.17 0.00	143.99 -15.32 0.00	27.18 -2.73 0.00	37.57 -3.16 0.00	39.53 -3.76 0.00	32.44 -3.36 0.00	36.58 -4.12 0.00	46.14 -6.13 0.00	42.11 -5.91 0.00	49.55 -7.41 0.00	56.00 -9.15 0.54	47.55 -7.69 0.87	55.26 -7.01 0.00	64.27 -7.77 0.00	98.25 -11.53 0.00	42.59 -5.35 0.00	40.32 -4.17 0.00
NGRID_A4_DSASP 323807	26.27 -3.21 0.00	28.86 -3.49 0.00	27.55 -3.26 0.00	28.60 -3.19 0.00	28.38 -3.03 0.00	31.52 -3.12 0.00	37.91 -4.45 0.00	46.94 -5.17 0.00	143.99 -15.32 0.00	27.18 -2.73 0.00	37.57 -3.16 0.00	39.53 -3.76 0.00	32.44 -3.36 0.00	36.58 -4.12 0.00	46.14 -6.13 0.00	42.11 -5.91 0.00	49.55 -7.41 0.00	56.00 -9.15 0.54	47.55 -7.69 0.87	55.26 -7.01 0.00	64.27 -7.77 0.00	98.25 -11.53 0.00	42.59 -5.35 0.00	40.32 -4.17 0.00
NIAGARA_115E_LBMP 323715	26.24 -3.24 0.00	28.86 -3.49 0.00	27.54 -3.27 0.00	28.60 -3.19 0.00	28.19 -3.22 0.00	31.27 -3.35 0.00	37.59 -4.76 0.00	46.57 -5.55 0.00	142.87 -16.44 0.00	26.98 -2.93 0.00	37.32 -3.41 0.00	39.26 -4.03 0.00	32.16 -3.64 0.00	36.25 -4.45 0.00	45.74 -6.54 0.00	41.79 -6.23 0.00	49.12 -7.84 0.00	55.61 -9.56 0.52	47.52 -7.72 0.86	55.11 -7.16 0.00	64.09 -7.95 0.00	97.98 -11.80 0.00	42.55 -5.39 0.00	40.21 -4.28 0.00
NIAGARA_115W_LBMP 323714	26.18 -3.30 0.00	28.77 -3.58 0.00	27.46 -3.35 0.00	28.51 -3.28 0.00	28.32 -3.10 0.00	31.44 -3.19 0.00	37.81 -4.54 0.00	46.82 -5.29 0.00	143.60 -15.71 0.00	27.12 -2.80 0.00	37.48 -3.25 0.00	39.43 -3.86 0.00	32.35 -3.44 0.00	36.49 -4.21 0.00	46.03 -6.25 0.00	42.01 -6.01 0.00	49.42 -7.54 0.00	55.85 -9.31 0.54	47.40 -7.85 0.86	55.07 -7.20 0.00	64.04 -8.00 0.00	97.86 -11.92 0.00	42.45 -5.49 0.00	40.20 -4.29 0.00
NIAGARA_230_LBMP 323716	26.48 -3.00 0.00	29.11 -3.25 0.00	27.78 -3.03 0.00	28.84 -2.95 0.00	28.49 -2.92 0.00	31.59 -3.04 0.00	38.03 -4.32 0.00	47.09 -5.02 0.00	144.38 -14.93 0.00	27.26 -2.65 0.00	37.65 -3.08 0.00	39.62 -3.67 0.00	32.53 -3.27 0.00	36.69 -4.01 0.00	46.32 -5.96 0.00	42.27 -5.75 0.00	49.73 -7.23 0.00	56.33 -8.82 0.54	48.02 -7.25 0.84	55.74 -6.54 0.00	64.78 -7.26 0.00	99.04 -10.74 0.00	42.92 -5.02 0.00	40.52 -3.97 0.00
NIAGARA___115KV_198_GIBSON 55903	26.18 -3.30 0.00	28.78 -3.58 0.00	27.47 -3.35 0.00	28.51 -3.27 0.00	28.32 -3.10 0.00	31.44 -3.19 0.00	37.81 -4.54 0.00	46.82 -5.30 0.00	143.66 -15.65 0.00	27.12 -2.80 0.00	37.48 -3.24 0.00	39.44 -3.85 0.00	32.37 -3.43 0.00	36.50 -4.21 0.00	46.03 -6.25 0.00	42.03 -5.99 0.00	49.42 -7.54 0.00	55.85 -9.30 0.54	47.41 -7.83 0.86	55.08 -7.20 0.00	64.04 -8.00 0.00	97.87 -11.91 0.00	42.45 -5.49 0.00	40.21 -4.28 0.00
NIAGARA____ 23760	26.48 -3.00 0.00	29.11 -3.25 0.00	27.78 -3.03 0.00	28.84 -2.95 0.00	28.49 -2.92 0.00	31.59 -3.04 0.00	38.03 -4.32 0.00	47.09 -5.02 0.00	144.38 -14.93 0.00	27.26 -2.65 0.00	37.65 -3.08 0.00	39.62 -3.67 0.00	32.53 -3.27 0.00	36.69 -4.01 0.00	46.32 -5.96 0.00	42.27 -5.75 0.00	49.73 -7.23 0.00	56.33 -8.82 0.54	48.01 -7.25 0.85	55.74 -6.54 0.00	64.78 -7.26 0.00	99.04 -10.74 0.00	42.92 -5.02 0.00	40.52 -3.97 0.00
NINE_MILE_1 23575	28.34 -1.14 0.00	31.16 -1.20 0.00	29.67 -1.14 0.00	30.63 -1.16 0.00	30.27 -1.14 0.00	33.40 -1.23 0.00	40.81 -1.55 0.00	50.27 -1.85 0.00	153.57 -5.74 0.00	28.87 -1.04 0.00	39.33 -1.39 0.00	41.76 -1.53 0.00	34.48 -1.32 0.00	39.18 -1.53 0.00	50.24 -2.04 0.00	46.13 -1.89 0.00	54.67 -2.29 0.00	63.06 -2.64 0.00	53.83 -2.28 0.00	59.99 -2.29 0.00	69.36 -2.67 0.00	105.70 -4.08 0.00	46.07 -1.87 0.00	42.81 -1.68 0.00
NINE_MILE_2 23744	28.34 -1.14 0.00	31.16 -1.19 0.00	29.67 -1.14 0.00	30.63 -1.16 0.00	30.27 -1.14 0.00	33.40 -1.23 0.00	40.81 -1.54 0.00	50.27 -1.85 0.00	153.57 -5.74 0.00	28.87 -1.04 0.00	39.34 -1.39 0.00	41.76 -1.53 0.00	34.49 -1.31 0.00	39.18 -1.53 0.00	50.24 -2.04 0.00	46.13 -1.89 0.00	54.68 -2.28 0.00	63.06 -2.64 0.00	53.83 -2.28 0.00	59.99 -2.29 0.00	69.37 -2.67 0.00	105.72 -4.06 0.00	46.09 -1.85 0.00	42.82 -1.67 0.00
NM_CAPITAL___DRP 24208	30.12 0.64 0.00	33.00 0.64 0.00	31.33 0.51 0.00	32.26 0.47 0.00	31.86 0.45 0.00	35.11 0.48 0.00	43.02 0.66 0.00	53.04 0.92 0.00	161.52 2.22 0.00	30.30 0.39 0.00	41.00 0.27 0.00	43.45 0.16 0.00	36.11 0.31 0.00	41.16 0.45 0.00	53.23 0.95 0.00	48.95 0.93 0.00	58.02 1.06 0.00	67.01 1.32 0.00	57.10 0.99 0.00	63.43 1.16 0.00	73.13 1.10 0.00	111.44 1.66 0.00	48.77 0.83 0.00	45.12 0.62 0.00
NM_CENTRAL___DRP 24181	28.84 -0.64 0.00	31.70 -0.65 0.00	30.18 -0.63 0.00	31.16 -0.63 0.00	30.78 -0.63 0.00	33.98 -0.65 0.00	41.56 -0.79 0.00	51.28 -0.83 0.00	156.78 -2.53 0.00	29.46 -0.44 0.00	40.18 -0.55 0.00	42.63 -0.66 0.00	35.18 -0.62 0.00	39.94 -0.77 0.00	51.20 -1.08 0.00	47.01 -1.01 0.00	55.70 -1.27 0.00	64.26 -1.43 0.00	54.86 -1.24 0.00	61.23 -1.05 0.00	70.75 -1.29 0.00	107.88 -1.90 0.00	46.93 -1.02 0.00	43.60 -0.89 0.00

NM_FRONTIER___DRP 24179	26.18 -3.30 0.00	28.78 -3.58 0.00	27.47 -3.35 0.00	28.51 -3.27 0.00	28.32 -3.10 0.00	31.44 -3.19 0.00	37.81 -4.54 0.00	46.82 -5.30 0.00	143.66 -15.65 0.00	27.12 -2.80 0.00	37.48 -3.24 0.00	39.44 -3.85 0.00	32.37 -3.43 0.00	36.50 -4.21 0.00	46.03 -6.25 0.00	42.03 -5.99 0.00	49.42 -7.54 0.00	55.85 -9.30 0.54	47.41 -7.83 0.86	55.08 -7.20 0.00	64.04 -8.00 0.00	97.87 -11.91 0.00	42.45 -5.49 0.00	40.21 -4.28 0.00
NM_ST_REGIS___HYD 24053	29.14 -0.34 0.00	31.96 -0.39 0.00	30.52 -0.29 0.00	31.54 -0.25 0.00	31.24 -0.16 0.00	34.54 -0.09 0.00	42.19 -0.16 0.00	51.43 -0.69 0.00	157.63 -1.67 0.00	29.50 -0.41 0.00	40.15 -0.57 0.00	42.58 -0.71 0.00	35.19 -0.61 0.00	40.05 -0.66 0.00	51.40 -0.87 0.00	47.23 -0.79 0.00	56.21 -0.75 0.00	64.62 -1.07 0.00	55.65 -0.45 0.00	61.75 -0.52 0.00	71.67 -0.37 0.00	109.25 -0.53 0.00	47.87 -0.07 0.00	44.34 -0.16 0.00
NORTHPORT___1 23551	31.82 2.25 -0.08	34.35 2.49 0.49	32.91 2.39 0.29	34.36 2.44 -0.13	34.94 2.36 -1.17	39.82 2.32 -2.87	45.48 3.02 -0.11	56.18 4.07 0.00	170.79 11.48 0.00	32.40 2.33 -0.16	43.15 2.93 0.51	48.93 3.42 -2.22	40.92 2.88 -2.24	45.38 3.16 -1.52	56.35 4.07 0.00	53.49 4.01 -1.46	67.69 4.92 -5.81	89.69 5.68 -18.32	82.12 4.61 -21.41	80.34 5.40 -12.66	83.98 5.59 -6.35	131.27 8.30 -13.19	56.07 3.44 -4.70	47.54 3.05 0.00
NORTHPORT___2 23552	31.82 2.25 -0.08	34.35 2.49 0.49	32.91 2.39 0.29	34.36 2.44 -0.13	34.94 2.36 -1.17	39.82 2.32 -2.87	45.48 3.02 -0.11	56.18 4.07 0.00	170.79 11.48 0.00	32.40 2.33 -0.16	43.15 2.93 0.51	48.93 3.42 -2.22	40.92 2.88 -2.24	45.38 3.16 -1.52	56.35 4.07 0.00	53.49 4.01 -1.46	67.69 4.92 -5.81	89.69 5.68 -18.32	82.12 4.61 -21.41	80.34 5.40 -12.66	83.98 5.59 -6.35	131.27 8.30 -13.19	56.07 3.44 -4.70	47.54 3.05 0.00
NORTHPORT___3 23553	31.66 2.11 -0.07	34.04 2.35 0.66	32.55 2.22 0.48	34.02 2.27 0.03	34.60 2.20 -1.00	39.25 2.15 -2.47	45.26 2.81 -0.10	55.92 3.80 0.00	169.91 10.60 0.00	32.20 2.15 -0.14	42.57 2.68 0.83	48.21 3.18 -1.74	40.50 2.72 -1.98	45.04 2.99 -1.34	56.22 3.94 0.00	53.11 3.80 -1.29	66.84 4.74 -5.15	88.81 5.43 -17.68	81.46 4.37 -20.98	79.96 5.10 -12.58	83.33 5.30 -6.00	130.51 7.78 -12.95	55.82 3.19 -4.69	47.33 2.84 0.00
NORTHPORT___4 23650	31.66 2.11 -0.07	34.04 2.35 0.66	32.55 2.22 0.48	34.02 2.27 0.03	34.60 2.20 -1.00	39.25 2.15 -2.47	45.26 2.81 -0.10	55.92 3.80 0.00	169.91 10.60 0.00	32.20 2.15 -0.14	42.57 2.68 0.83	48.21 3.18 -1.74	40.50 2.72 -1.98	45.04 2.99 -1.34	56.22 3.94 0.00	53.11 3.80 -1.29	66.84 4.74 -5.15	88.81 5.43 -17.68	81.46 4.37 -20.98	79.96 5.10 -12.58	83.33 5.30 -6.00	130.51 7.78 -12.95	55.82 3.19 -4.69	47.33 2.84 0.00
NORTHPORT___IC 23718	31.82 2.25 -0.08	34.38 2.52 0.49	32.87 2.35 0.29	34.32 2.41 -0.13	34.91 2.33 -1.17	39.81 2.31 -2.87	45.48 3.02 -0.11	56.19 4.07 0.00	170.79 11.48 0.00	32.40 2.33 -0.16	43.12 2.91 0.51	48.92 3.41 -2.22	40.91 2.87 -2.24	45.38 3.16 -1.52	56.35 4.07 0.00	53.48 4.00 -1.46	67.69 4.92 -5.81	89.69 5.68 -18.32	82.14 4.63 -21.41	80.34 5.41 -12.66	83.97 5.58 -6.35	131.27 8.30 -13.19	56.07 3.44 -4.70	47.54 3.05 0.00
NORTH___COUNTRY_ESR 323785	29.65 0.17 0.00	32.54 0.19 0.00	31.05 0.24 0.00	32.09 0.31 0.00	31.77 0.36 0.00	35.12 0.48 0.00	42.81 0.46 0.00	52.33 0.21 0.00	160.21 0.90 0.00	29.98 0.07 0.00	40.88 0.16 0.00	43.42 0.13 0.00	35.92 0.12 0.00	40.93 0.22 0.00	52.46 0.18 0.00	48.07 0.06 0.00	57.07 0.11 0.00	65.85 0.16 0.00	56.60 0.50 0.00	62.77 0.50 0.00	72.84 0.80 0.00	110.91 1.13 0.00	48.48 0.54 0.00	44.91 0.42 0.00
NPX_GEN_1385_PROXY 323591	31.72 2.16 -0.08	34.30 2.44 0.49	32.80 2.28 0.29	34.31 2.39 -0.13	34.89 2.31 -1.17	39.76 2.26 -2.87	45.33 2.87 -0.11	56.02 3.91 0.00	137.38 10.85 32.78	32.29 2.23 -0.16	43.00 2.79 0.51	11.51 3.32 35.10	40.79 2.76 -2.24	45.26 3.04 -1.52	56.17 3.89 0.00	53.33 3.85 -1.46	26.97 4.73 34.72	24.72 5.45 46.44	37.72 4.42 22.80	80.12 5.19 -12.66	83.72 5.33 -6.35	130.91 7.94 -13.19	55.91 3.27 -4.70	47.39 2.89 0.00
NPX_GEN_CSC 323557	32.03 2.45 -0.10	34.68 2.64 0.31	33.36 2.62 0.06	34.85 2.75 -0.32	35.47 2.69 -1.38	40.75 2.69 -3.42	46.03 3.55 -0.13	56.72 4.60 0.00	172.23 12.92 0.00	32.71 2.62 -0.18	43.76 3.14 0.11	49.68 3.59 -2.80	41.46 3.06 -2.60	45.83 3.36 -1.76	56.62 4.34 0.00	53.96 4.25 -1.70	69.16 5.45 -6.75	91.55 6.51 -19.35	83.74 5.53 -22.11	81.74 6.53 -12.93	85.86 6.91 -6.90	133.71 10.25 -13.68	56.94 4.23 -4.77	48.15 3.66 0.00
NSINS_S_GLNS_FALLS 23858	30.83 1.35 0.00	33.72 1.36 0.00	31.92 1.11 0.00	32.92 1.13 0.00	32.56 1.15 0.00	36.00 1.37 0.00	44.31 1.96 0.00	54.64 2.52 0.00	166.53 7.22 0.00	31.09 1.18 0.00	42.21 1.48 0.00	45.04 1.75 0.00	37.35 1.56 0.00	42.71 2.01 0.00	54.82 2.53 0.00	50.24 2.22 0.00	59.46 2.49 0.00	68.72 3.03 0.00	58.78 2.67 0.00	65.50 3.23 0.00	75.64 3.60 0.00	115.32 5.54 0.00	50.35 2.41 0.00	46.34 1.85 0.00
NUCOR_STEEL___DRP 24197	29.09 -0.39 0.00	31.99 -0.36 0.00	30.31 -0.50 0.00	31.39 -0.40 0.00	31.05 -0.36 0.00	34.22 -0.41 0.00	41.95 -0.40 0.00	51.57 -0.55 0.00	157.59 -1.72 0.00	29.60 -0.31 0.00	40.35 -0.38 0.00	42.76 -0.53 0.00	35.24 -0.56 0.00	40.03 -0.68 0.00	51.31 -0.97 0.00	47.06 -0.96 0.00	55.75 -1.21 0.00	64.63 -1.24 -0.18	55.46 -1.07 -0.42	61.83 -0.45 0.00	71.41 -0.63 0.00	108.90 -0.88 0.00	47.37 -0.57 0.00	44.01 -0.48 0.00
NUMBER_THREE_WT_PWR 323818	29.19 -0.29 0.00	32.18 -0.17 0.00	30.70 -0.11 0.00	31.62 -0.17 0.00	31.25 -0.16 0.00	34.47 -0.16 0.00	42.29 -0.07 0.00	52.06 -0.05 0.00	159.12 -0.19 0.00	29.81 -0.10 0.00	40.56 -0.17 0.00	43.02 -0.27 0.00	35.50 -0.30 0.00	40.22 -0.49 0.00	51.66 -0.62 0.00	47.56 -0.46 0.00	56.62 -0.34 0.00	65.47 -0.23 0.00	56.15 0.04 0.00	62.63 0.36 0.00	72.51 0.47 0.00	110.76 0.98 0.00	48.13 0.19 0.00	44.54 0.05 0.00
NYISO_LBMP_REFERENCE 24008	29.48 0.00 0.00	32.35 0.00 0.00	30.81 0.00 0.00	31.78 0.00 0.00	31.41 0.00 0.00	34.63 0.00 0.00	42.35 0.00 0.00	52.11 0.00 0.00	159.31 0.00 0.00	29.91 0.00 0.00	40.72 0.00 0.00	43.29 0.00 0.00	35.80 0.00 0.00	40.71 0.00 0.00	52.28 0.00 0.00	48.02 0.00 0.00	56.96 0.00 0.00	65.69 0.00 0.00	56.11 0.00 0.00	62.27 0.00 0.00	72.04 0.00 0.00	109.78 0.00 0.00	47.94 0.00 0.00	44.49 0.00 0.00
NYPA_BRENTWD____GT 24164	32.07 2.48 -0.11	34.95 2.71 0.11	33.58 2.60 -0.17	34.94 2.65 -0.51	35.56 2.57 -1.58	41.18 2.56 -3.99	45.84 3.35 -0.14	56.59 4.48 0.00	171.93 12.62 0.00	32.65 2.53 -0.21	44.22 3.18 -0.31	50.43 3.69 -3.46	41.86 3.09 -2.98	46.12 3.40 -2.01	56.69 4.42 0.00	54.28 4.32 -1.94	69.99 5.30 -7.72	92.10 5.97 -20.44	83.88 4.83 -22.94	81.17 5.69 -13.21	85.42 5.92 -7.47	133.38 9.41 -14.18	56.67 3.89 -4.84	47.92 3.43 0.00

NYPA_GOWANUS____GT5 24156	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NYPA_GOWANUS____GT6 24157	31.26 1.78 0.00	34.26 1.90 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.78 2.50 -1.92	55.55 3.44 0.00	171.74 10.22 -2.21	44.48 2.03 -12.54	44.52 2.78 -1.02	47.43 3.26 -0.88	48.15 2.73 -9.62	45.17 3.00 -1.47	56.17 3.89 0.00	51.77 3.75 0.00	61.45 4.49 0.00	70.84 5.15 0.00	60.02 3.92 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01
NYPA_HARLEM__RVR__GT1 24160	31.13 1.65 0.00	34.09 1.73 0.00	32.38 1.57 0.00	33.30 1.52 0.00	32.87 1.46 0.00	36.25 1.62 0.00	44.70 2.35 0.00	55.38 3.26 0.00	168.98 9.68 0.00	31.80 1.89 0.00	43.30 2.57 0.00	46.36 3.07 0.00	38.48 2.46 -0.22	43.51 2.80 -0.01	56.03 3.75 0.00	51.64 3.62 0.00	61.27 4.31 0.00	70.52 4.83 0.00	59.80 3.69 0.00	66.57 4.30 0.00	76.39 4.35 0.00	115.97 6.19 0.00	50.58 2.65 0.00	46.93 2.43 0.00
NYPA_HARLEM__RVR__GT2 24161	31.13 1.65 0.00	34.09 1.73 0.00	32.38 1.57 0.00	33.30 1.52 0.00	32.87 1.46 0.00	36.25 1.62 0.00	44.70 2.35 0.00	55.38 3.26 0.00	168.98 9.68 0.00	31.80 1.89 0.00	43.30 2.57 0.00	46.36 3.07 0.00	38.48 2.46 -0.22	43.51 2.80 -0.01	56.03 3.75 0.00	51.64 3.62 0.00	61.27 4.31 0.00	70.52 4.83 0.00	59.80 3.69 0.00	66.57 4.30 0.00	76.39 4.35 0.00	115.97 6.19 0.00	50.58 2.65 0.00	46.93 2.43 0.00
NYPA_KENT____GT 24152	31.25 1.77 0.00	34.23 1.88 0.00	32.48 1.67 0.00	33.45 1.67 0.00	33.06 1.65 0.00	36.39 1.75 0.00	45.97 2.45 -1.16	55.54 3.43 0.00	170.87 10.22 -1.34	39.54 2.03 -7.60	44.12 2.78 -0.62	47.06 3.24 -0.53	44.44 2.73 -5.92	44.61 3.01 -0.89	56.20 3.93 0.00	51.80 3.78 0.00	61.49 4.53 0.00	70.86 5.17 0.00	60.04 3.94 0.00	66.86 4.59 0.00	76.67 4.63 0.00	116.36 6.57 0.00	50.75 2.81 0.00	47.06 2.57 0.00
NYPA_POUCH1____GT 24155	31.21 1.73 0.00	34.18 1.83 0.00	32.43 1.62 0.00	33.44 1.66 0.00	33.22 1.80 -0.01	36.54 1.90 -0.01	46.79 2.52 -1.92	55.42 3.31 0.00	171.20 9.68 -2.21	44.38 1.93 -12.54	44.39 2.65 -1.02	47.28 3.11 -0.88	48.00 2.58 -9.62	44.99 2.82 -1.47	55.96 3.68 0.00	51.58 3.56 0.00	61.23 4.27 0.00	70.65 4.96 0.00	59.86 3.76 0.00	66.71 4.44 0.00	76.51 4.48 0.00	116.08 6.30 0.00	50.71 2.77 0.00	47.02 2.52 -0.01
NYPA_VERNON____GT2 24162	31.24 1.76 0.00	34.21 1.85 0.00	32.47 1.66 0.00	33.43 1.64 0.00	33.00 1.59 0.00	36.32 1.68 0.00	45.17 2.41 -0.40	55.55 3.43 0.00	170.04 10.27 -0.47	34.60 2.03 -2.65	43.72 2.78 -0.22	46.70 3.23 -0.19	40.74 2.72 -2.21	44.03 3.01 -0.31	56.23 3.95 0.00	51.83 3.82 0.00	61.51 4.55 0.00	70.87 5.18 0.00	60.04 3.93 0.00	66.84 4.57 0.00	76.65 4.61 0.00	116.29 6.50 0.00	50.71 2.77 0.00	47.01 2.52 0.00
NYPA_VERNON____GT3 24163	31.24 1.76 0.00	34.21 1.85 0.00	32.47 1.66 0.00	33.43 1.64 0.00	33.00 1.59 0.00	36.32 1.68 0.00	45.17 2.41 -0.40	55.55 3.43 0.00	170.04 10.27 -0.47	34.60 2.03 -2.65	43.72 2.78 -0.22	46.70 3.23 -0.19	40.74 2.72 -2.21	44.03 3.01 -0.31	56.23 3.95 0.00	51.83 3.82 0.00	61.51 4.55 0.00	70.87 5.18 0.00	60.04 3.93 0.00	66.84 4.57 0.00	76.65 4.61 0.00	116.29 6.50 0.00	50.71 2.77 0.00	47.01 2.52 0.00
NYPA____ASTORIA_CC1 323568	31.20 1.72 0.00	34.16 1.81 0.00	32.43 1.62 0.00	33.38 1.60 0.00	32.95 1.54 0.00	36.25 1.62 0.00	44.69 2.33 0.00	55.45 3.33 0.00	169.28 9.97 0.00	31.90 1.99 0.00	43.41 2.69 0.00	46.44 3.15 0.00	38.67 2.65 -0.23	43.64 2.93 -0.01	56.14 3.86 0.00	51.74 3.72 0.00	61.43 4.47 0.00	70.75 5.06 0.00	59.96 3.86 0.00	66.75 4.48 0.00	76.54 4.51 0.00	116.15 6.37 0.00	50.62 2.68 0.00	46.95 2.46 0.00
NYPA____ASTORIA_CC2 323569	31.20 1.72 0.00	34.16 1.81 0.00	32.43 1.62 0.00	33.38 1.60 0.00	32.95 1.54 0.00	36.25 1.62 0.00	44.69 2.33 0.00	55.45 3.33 0.00	169.28 9.97 0.00	31.90 1.99 0.00	43.41 2.69 0.00	46.44 3.15 0.00	38.67 2.65 -0.23	43.64 2.93 -0.01	56.14 3.86 0.00	51.74 3.72 0.00	61.43 4.47 0.00	70.75 5.06 0.00	59.96 3.86 0.00	66.75 4.48 0.00	76.54 4.51 0.00	116.15 6.37 0.00	50.62 2.68 0.00	46.95 2.46 0.00
NYPA____HOLTSVILL 23794	31.92 2.34 -0.10	34.58 2.55 0.32	33.20 2.47 0.08	34.62 2.53 -0.30	35.21 2.44 -1.36	40.39 2.39 -3.37	45.59 3.11 -0.12	56.23 4.11 0.00	170.83 11.52 0.00	32.46 2.37 -0.18	43.49 2.91 0.14	49.40 3.36 -2.75	41.24 2.87 -2.57	45.59 3.14 -1.74	56.34 4.06 0.00	53.67 3.97 -1.68	68.63 5.00 -6.67	90.77 5.82 -19.25	82.97 4.82 -22.04	80.85 5.67 -12.91	84.79 5.89 -6.86	132.16 8.74 -13.64	56.32 3.62 -4.76	47.66 3.17 0.00
NYPA____HELLGATE_GT1 24158	31.13 1.65 0.00	34.09 1.73 0.00	32.38 1.57 0.00	33.30 1.52 0.00	32.87 1.46 0.00	36.25 1.62 0.00	44.70 2.35 0.00	55.38 3.26 0.00	168.98 9.67 0.00	31.78 1.87 0.00	43.30 2.57 0.00	46.36 3.07 0.00	38.48 2.46 -0.22	43.51 2.80 -0.01	56.03 3.75 0.00	51.64 3.62 0.00	61.30 4.34 0.00	70.57 4.88 0.00	59.84 3.74 0.00	66.62 4.35 0.00	76.45 4.41 0.00	116.00 6.22 0.00	50.58 2.65 0.00	46.93 2.43 0.00
NYPA____HELLGATE_GT2 24159	31.13 1.65 0.00	34.09 1.73 0.00	32.38 1.57 0.00	33.30 1.52 0.00	32.87 1.46 0.00	36.25 1.62 0.00	44.70 2.35 0.00	55.38 3.26 0.00	168.98 9.67 0.00	31.78 1.87 0.00	43.30 2.57 0.00	46.36 3.07 0.00	38.48 2.46 -0.22	43.51 2.80 -0.01	56.03 3.75 0.00	51.64 3.62 0.00	61.30 4.34 0.00	70.57 4.88 0.00	59.84 3.74 0.00	66.62 4.35 0.00	76.45 4.41 0.00	116.00 6.22 0.00	50.58 2.65 0.00	46.93 2.43 0.00
NYS_BARGE____HYD 23848	26.67 -2.82 0.00	29.32 -3.03 0.00	27.97 -2.84 0.00	29.03 -2.76 0.00	28.65 -2.76 0.00	31.80 -2.83 0.00	38.28 -4.07 0.00	47.47 -4.65 0.00	145.59 -13.72 0.00	27.50 -2.41 0.00	37.99 -2.73 0.00	39.94 -3.35 0.00	32.72 -3.07 0.00	36.89 -3.82 0.00	46.55 -5.73 0.00	42.56 -5.46 0.00	50.03 -6.93 0.00	56.75 -8.46 0.48	48.42 -6.86 0.83	56.16 -6.11 0.00	65.31 -6.72 0.00	99.85 -9.93 0.00	43.30 -4.65 0.00	40.87 -3.62 0.00
OAK ORCHARD____HYD 24046	27.84 -1.64 0.00	30.58 -1.78 0.00	29.13 -1.68 0.00	30.16 -1.63 0.00	29.81 -1.60 0.00	33.02 -1.61 0.00	40.14 -2.21 0.00	49.69 -2.43 0.00	152.14 -7.17 0.00	28.67 -1.25 0.00	39.33 -1.40 0.00	41.55 -1.74 0.00	34.19 -1.61 0.00	38.68 -2.03 0.00	49.16 -3.12 0.00	44.98 -3.04 0.00	53.10 -3.86 0.00	60.77 -4.70 0.23	51.71 -3.83 0.56	59.08 -3.20 0.00	68.54 -3.50 0.00	104.52 -5.26 0.00	45.31 -2.63 0.00	42.39 -2.10 0.00

OAKDALE___35_KV_LOAD 356122	29.23 -0.25 0.00	32.17 -0.18 0.00	30.63 -0.18 0.00	31.66 -0.13 0.00	31.24 -0.17 0.00	34.46 -0.17 0.00	42.11 -0.25 0.00	52.08 -0.04 0.00	159.08 -0.23 0.00	29.91 -0.01 0.00	40.87 0.15 0.00	43.35 0.06 0.00	35.74 -0.06 0.00	40.57 -0.14 0.00	51.89 -0.39 0.00	47.60 -0.42 0.00	56.31 -0.65 0.00	64.70 -0.73 0.27	54.91 -0.64 0.56	62.13 -0.14 0.00	71.51 -0.53 0.00	109.22 -0.56 0.00	47.46 -0.48 0.00	44.15 -0.34 0.00
OCC_CHEM___DRP 24175	26.27 -3.21 0.00	28.87 -3.49 0.00	27.55 -3.26 0.00	28.60 -3.19 0.00	28.38 -3.03 0.00	31.52 -3.12 0.00	37.91 -4.45 0.00	46.95 -5.17 0.00	143.99 -15.32 0.00	27.19 -2.73 0.00	37.57 -3.16 0.00	39.53 -3.76 0.00	32.45 -3.35 0.00	36.59 -4.11 0.00	46.14 -6.14 0.00	42.13 -5.88 0.00	49.56 -7.41 0.00	55.99 -9.16 0.54	47.57 -7.67 0.87	55.27 -7.00 0.00	64.27 -7.77 0.00	98.26 -11.52 0.00	42.59 -5.35 0.00	40.32 -4.17 0.00
OH_GEN_PROXY 24063	26.55 -2.93 0.00	29.20 -3.16 0.00	27.86 -2.96 0.00	28.92 -2.87 0.00	28.57 -2.84 0.00	31.66 -2.96 0.00	38.16 -4.19 0.00	47.25 -4.86 0.00	144.91 -14.40 0.00	27.34 -2.57 0.00	37.76 -2.96 0.00	39.73 -3.56 0.00	32.63 -3.17 0.00	36.83 -3.88 0.00	46.48 -5.80 0.00	42.43 -5.59 0.00	49.91 -7.05 0.00	33.90 -8.57 23.22	48.23 -7.05 0.83	55.94 -6.33 0.00	65.00 -7.04 0.00	99.39 -10.39 0.00	43.05 -4.89 0.00	40.60 -3.89 0.00
OLIN_CORP_DRP 24177	26.30 -3.18 0.00	28.93 -3.42 0.00	27.61 -3.20 0.00	28.66 -3.12 0.00	28.27 -3.14 0.00	31.35 -3.27 0.00	37.70 -4.65 0.00	46.69 -5.42 0.00	143.26 -16.05 0.00	27.05 -2.86 0.00	37.41 -3.32 0.00	39.36 -3.93 0.00	32.25 -3.54 0.00	36.36 -4.34 0.00	45.87 -6.41 0.00	41.92 -6.09 0.00	49.28 -7.69 0.00	55.79 -9.37 0.53	47.62 -7.61 0.88	55.27 -7.00 0.00	64.28 -7.76 0.00	98.29 -11.49 0.00	42.67 -5.28 0.00	40.31 -4.18 0.00
OLIN_CORP_DSASP 323712	26.27 -3.21 0.00	28.86 -3.49 0.00	27.55 -3.26 0.00	28.60 -3.19 0.00	28.38 -3.03 0.00	31.52 -3.12 0.00	37.91 -4.45 0.00	46.94 -5.17 0.00	143.99 -15.32 0.00	27.18 -2.73 0.00	37.57 -3.16 0.00	39.53 -3.76 0.00	32.44 -3.36 0.00	36.58 -4.12 0.00	46.14 -6.13 0.00	42.11 -5.91 0.00	49.55 -7.41 0.00	56.00 -9.15 0.54	47.55 -7.69 0.87	55.26 -7.01 0.00	64.27 -7.77 0.00	98.25 -11.53 0.00	42.59 -5.35 0.00	40.32 -4.17 0.00
ONEIDA_HERK_LFGE 323681	29.67 0.19 0.00	32.62 0.27 0.00	31.08 0.26 0.00	32.03 0.24 0.00	31.65 0.24 0.00	34.92 0.30 0.00	42.85 0.49 0.00	52.79 0.68 0.00	161.25 1.94 0.00	30.24 0.33 0.00	41.14 0.42 0.00	43.67 0.38 0.00	36.05 0.25 0.00	40.89 0.18 0.00	52.55 0.27 0.00	48.38 0.36 0.00	57.46 0.50 0.00	66.48 0.79 0.00	56.91 0.80 0.00	63.38 1.11 0.00	73.26 1.22 0.00	111.72 1.94 0.00	48.59 0.65 0.00	45.01 0.53 0.00
ONEIDA___115KV_TB4 55905	29.88 0.40 0.00	32.82 0.47 0.00	31.24 0.43 0.00	32.23 0.44 0.00	31.83 0.43 0.00	35.17 0.54 0.00	43.14 0.78 0.00	53.28 1.17 0.00	163.02 3.71 0.00	30.60 0.68 0.00	41.65 0.93 0.00	44.18 0.89 0.00	36.40 0.60 0.00	41.30 0.60 0.00	52.90 0.63 0.00	48.65 0.63 0.00	57.69 0.73 0.00	66.86 1.16 0.00	57.24 1.14 0.00	63.79 1.52 0.00	73.65 1.61 0.00	112.21 2.43 0.00	48.79 0.85 0.00	45.23 0.74 0.00
ONONDAGA_REF_OCCRA 23987	29.04 -0.45 0.00	31.92 -0.43 0.00	30.38 -0.43 0.00	31.36 -0.42 0.00	30.99 -0.42 0.00	34.22 -0.41 0.00	41.87 -0.48 0.00	51.67 -0.44 0.00	157.92 -1.39 0.00	29.68 -0.23 0.00	40.46 -0.27 0.00	42.93 -0.36 0.00	35.41 -0.39 0.00	40.19 -0.51 0.00	51.55 -0.73 0.00	47.34 -0.68 0.00	56.11 -0.85 0.00	64.89 -0.93 -0.12	55.59 -0.81 -0.30	61.75 -0.52 0.00	71.32 -0.72 0.00	108.68 -1.10 0.00	47.28 -0.66 0.00	43.91 -0.58 0.00
ONONDAGA___COGEN 23986	28.90 -0.58 0.00	31.77 -0.58 0.00	30.23 -0.58 0.00	31.22 -0.57 0.00	30.85 -0.56 0.00	34.06 -0.57 0.00	41.67 -0.68 0.00	51.36 -0.75 0.00	156.97 -2.34 0.00	29.50 -0.41 0.00	40.20 -0.52 0.00	42.65 -0.64 0.00	35.20 -0.61 0.00	39.97 -0.73 0.00	51.28 -1.00 0.00	47.10 -0.92 0.00	55.81 -1.15 0.00	64.45 -1.25 0.00	55.01 -1.09 0.00	61.42 -0.85 0.00	70.98 -1.06 0.00	108.20 -1.58 0.00	47.08 -0.86 0.00	43.73 -0.76 0.00
ONTARIO___LFGE 23819	28.66 -0.82 0.00	31.55 -0.80 0.00	30.03 -0.78 0.00	31.08 -0.70 0.00	30.74 -0.66 0.00	34.05 -0.58 0.00	41.63 -0.73 0.00	51.46 -0.65 0.00	156.28 -3.03 0.00	29.54 -0.37 0.00	40.41 -0.32 0.00	42.71 -0.58 0.00	35.14 -0.66 0.00	39.82 -0.89 0.00	50.76 -1.52 0.00	46.55 -1.46 0.00	54.91 -2.05 0.00	62.83 -2.43 0.43	53.12 -1.96 1.02	60.85 -1.42 0.00	70.29 -1.75 0.00	107.20 -2.58 0.00	46.68 -1.26 0.00	43.49 -1.00 0.00
ORANGEVILLE_WT_PWR 323706	27.38 -2.10 0.00	30.20 -2.15 0.00	28.80 -2.01 0.00	29.90 -1.89 0.00	29.59 -1.82 0.00	32.78 -1.85 0.00	39.67 -2.69 0.00	49.25 -2.87 0.00	150.70 -8.61 0.00	28.44 -1.48 0.00	39.17 -1.56 0.00	41.20 -2.09 0.00	33.87 -1.93 0.00	38.21 -2.49 0.00	48.41 -3.87 0.00	44.22 -3.79 0.00	52.12 -4.84 0.00	59.07 -5.93 0.70	49.94 -4.81 1.36	58.25 -4.03 0.00	67.45 -4.59 0.00	103.24 -6.54 0.00	44.68 -3.26 0.00	42.01 -2.48 0.00
ORANGEVILLE___ESR 323794	27.38 -2.10 0.00	30.20 -2.15 0.00	28.80 -2.01 0.00	29.90 -1.89 0.00	29.59 -1.82 0.00	32.78 -1.85 0.00	39.67 -2.69 0.00	49.25 -2.87 0.00	150.70 -8.61 0.00	28.44 -1.48 0.00	39.17 -1.56 0.00	41.20 -2.09 0.00	33.87 -1.93 0.00	38.21 -2.49 0.00	48.41 -3.87 0.00	44.22 -3.79 0.00	52.12 -4.84 0.00	59.07 -5.93 0.70	49.94 -4.81 1.36	58.25 -4.03 0.00	67.45 -4.59 0.00	103.24 -6.54 0.00	44.68 -3.26 0.00	42.01 -2.48 0.00
OSWEGATCHIE___HYD 24044	28.72 -0.77 0.00	31.57 -0.78 0.00	30.13 -0.68 0.00	31.07 -0.71 0.00	30.76 -0.65 0.00	33.98 -0.65 0.00	41.62 -0.73 0.00	50.94 -1.17 0.00	155.89 -3.42 0.00	29.19 -0.72 0.00	39.72 -1.01 0.00	42.11 -1.18 0.00	34.78 -1.02 0.00	39.47 -1.23 0.00	50.70 -1.58 0.00	46.63 -1.39 0.00	55.56 -1.40 0.00	64.02 -1.68 0.00	55.03 -1.07 0.00	61.21 -1.07 0.00	70.99 -1.05 0.00	108.31 -1.47 0.00	47.27 -0.67 0.00	43.76 -0.73 0.00
OSWEGO___5 23606	28.52 -0.96 0.00	31.35 -1.01 0.00	29.84 -0.97 0.00	30.81 -0.98 0.00	30.45 -0.96 0.00	33.60 -1.03 0.00	41.06 -1.29 0.00	50.58 -1.54 0.00	154.52 -4.78 0.00	29.05 -0.86 0.00	39.58 -1.14 0.00	42.01 -1.28 0.00	34.69 -1.11 0.00	39.40 -1.30 0.00	50.55 -1.73 0.00	46.40 -1.62 0.00	55.00 -1.96 0.00	63.45 -2.25 0.00	54.17 -1.94 0.00	60.39 -1.88 0.00	69.81 -2.23 0.00	106.39 -3.39 0.00	46.37 -1.57 0.00	43.08 -1.41 0.00
OSWEGO___6 23613	28.52 -0.96 0.00	31.35 -1.01 0.00	29.84 -0.97 0.00	30.81 -0.98 0.00	30.45 -0.96 0.00	33.60 -1.03 0.00	41.06 -1.29 0.00	50.58 -1.54 0.00	154.52 -4.78 0.00	29.05 -0.86 0.00	39.58 -1.14 0.00	42.01 -1.28 0.00	34.69 -1.11 0.00	39.40 -1.30 0.00	50.55 -1.73 0.00	46.40 -1.62 0.00	55.00 -1.96 0.00	63.45 -2.25 0.00	54.17 -1.94 0.00	60.39 -1.88 0.00	69.81 -2.23 0.00	106.39 -3.39 0.00	46.37 -1.57 0.00	43.08 -1.41 0.00

OUTOKUMPU-AB____DRP 24206	26.91 -2.58 0.00	29.59 -2.77 0.00	28.20 -2.61 0.00	29.25 -2.53 0.00	28.94 -2.47 0.00	32.13 -2.50 0.00	38.73 -3.62 0.00	48.04 -4.07 0.00	147.38 -11.93 0.00	27.83 -2.08 0.00	38.47 -2.26 0.00	40.47 -2.82 0.00	33.19 -2.60 0.00	37.45 -3.26 0.00	47.23 -5.05 0.00	43.14 -4.88 0.00	50.74 -6.23 0.00	57.46 -7.70 0.54	48.88 -6.32 0.90	56.79 -5.48 0.00	65.99 -6.04 0.00	100.90 -8.88 0.00	43.69 -4.25 0.00	41.24 -3.25 0.00
OXBOW____BTM 323836	26.56 -2.92 0.00	29.19 -3.16 0.00	27.84 -2.97 0.00	28.90 -2.89 0.00	28.63 -2.78 0.00	31.79 -2.84 0.00	38.29 -4.07 0.00	47.46 -4.66 0.00	145.57 -13.74 0.00	27.49 -2.41 0.00	38.00 -2.72 0.00	39.98 -3.31 0.00	32.79 -3.01 0.00	36.99 -3.71 0.00	46.66 -5.62 0.00	42.60 -5.42 0.00	50.11 -6.84 0.00	56.71 -8.45 0.54	48.19 -7.03 0.88	56.00 -6.27 0.00	65.09 -6.95 0.00	99.48 -10.29 0.00	43.11 -4.83 0.00	40.76 -3.74 0.00
OXBOW____ 24026	26.56 -2.92 0.00	29.20 -3.15 0.00	27.85 -2.96 0.00	28.90 -2.88 0.00	28.63 -2.78 0.00	31.79 -2.84 0.00	38.29 -4.07 0.00	47.46 -4.66 0.00	145.63 -13.67 0.00	27.49 -2.42 0.00	38.00 -2.72 0.00	39.98 -3.31 0.00	32.81 -2.99 0.00	37.00 -3.70 0.00	46.67 -5.61 0.00	42.62 -5.40 0.00	50.12 -6.84 0.00	56.70 -8.45 0.54	48.19 -7.03 0.88	56.01 -6.27 0.00	65.10 -6.94 0.00	99.49 -10.28 0.00	43.11 -4.83 0.00	40.76 -3.74 0.00
OXY_CHEM_DSASP 323612	26.27 -3.21 0.00	28.87 -3.49 0.00	27.55 -3.26 0.00	28.60 -3.19 0.00	28.38 -3.03 0.00	31.52 -3.12 0.00	37.91 -4.45 0.00	46.95 -5.17 0.00	143.99 -15.32 0.00	27.19 -2.73 0.00	37.57 -3.16 0.00	39.53 -3.76 0.00	32.45 -3.35 0.00	36.59 -4.11 0.00	46.14 -6.14 0.00	42.13 -5.88 0.00	49.56 -7.41 0.00	55.99 -9.16 0.54	47.57 -7.67 0.87	55.27 -7.00 0.00	64.27 -7.77 0.00	98.26 -11.52 0.00	42.59 -5.35 0.00	40.32 -4.17 0.00
OZONE_PARK_ESR 323760	31.40 1.92 0.00	34.38 2.03 0.00	32.62 1.81 0.00	33.59 1.81 0.00	33.15 1.74 0.00	36.50 1.87 0.00	45.01 2.66 0.00	55.90 3.78 0.00	170.68 11.37 0.00	32.10 2.19 0.00	43.73 3.01 0.00	46.75 3.46 0.00	38.98 2.96 -0.22	43.96 3.25 0.00	56.51 4.23 0.00	52.12 4.10 0.00	61.91 4.95 0.00	71.31 5.62 0.00	60.46 4.35 0.00	67.33 5.06 0.00	77.24 5.20 0.00	117.23 7.45 0.00	51.05 3.10 0.00	47.34 2.85 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.27 -3.21 0.00	28.87 -3.49 0.00	27.55 -3.26 0.00	28.60 -3.19 0.00	28.38 -3.03 0.00	31.52 -3.12 0.00	37.91 -4.45 0.00	46.95 -5.17 0.00	143.99 -15.32 0.00	27.19 -2.73 0.00	37.57 -3.16 0.00	39.53 -3.76 0.00	32.45 -3.35 0.00	36.59 -4.11 0.00	46.14 -6.14 0.00	42.13 -5.88 0.00	49.56 -7.41 0.00	55.99 -9.16 0.54	47.57 -7.67 0.87	55.27 -7.00 0.00	64.27 -7.77 0.00	98.26 -11.52 0.00	42.59 -5.35 0.00	40.32 -4.17 0.00
PACKARD__115KV_DUPONT_184 80571	26.27 -3.21 0.00	28.87 -3.49 0.00	27.55 -3.26 0.00	28.60 -3.19 0.00	28.38 -3.03 0.00	31.52 -3.12 0.00	37.91 -4.45 0.00	46.95 -5.17 0.00	143.99 -15.32 0.00	27.19 -2.73 0.00	37.57 -3.16 0.00	39.53 -3.76 0.00	32.45 -3.35 0.00	36.59 -4.11 0.00	46.14 -6.14 0.00	42.13 -5.88 0.00	49.56 -7.41 0.00	55.99 -9.16 0.54	47.57 -7.67 0.87	55.27 -7.00 0.00	64.27 -7.77 0.00	98.26 -11.52 0.00	42.59 -5.35 0.00	40.32 -4.17 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.13 1.65 0.00	34.07 1.72 0.00	32.35 1.54 0.00	33.27 1.48 0.00	32.84 1.43 0.00	36.20 1.57 0.00	44.65 2.30 0.00	55.35 3.23 0.00	168.94 9.63 0.00	31.77 1.86 0.00	43.26 2.53 0.00	46.30 3.01 0.00	38.50 2.48 -0.22	43.45 2.74 0.00	55.97 3.69 0.00	51.58 3.56 0.00	61.24 4.28 0.00	70.58 4.89 0.00	59.89 3.79 0.00	66.59 4.31 0.00	76.39 4.36 0.00	115.97 6.19 0.00	50.55 2.61 0.00	46.89 2.40 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.78 2.30 0.00	34.86 2.51 0.00	33.18 2.37 0.00	34.12 2.34 0.00	33.70 2.29 0.00	37.12 2.49 0.00	45.84 3.49 0.00	56.78 4.66 0.00	173.37 14.06 0.00	32.52 2.61 0.00	44.29 3.56 0.00	47.39 4.10 0.00	39.41 3.39 -0.22	44.46 3.76 0.00	57.25 4.97 0.00	52.77 4.75 0.00	62.68 5.72 0.00	72.03 6.34 0.00	61.26 5.16 0.00	67.94 5.67 0.00	78.00 5.97 0.00	118.35 8.57 0.00	51.66 3.72 0.00	47.93 3.44 0.00
PATROON__115KV_TB1 80586	30.12 0.64 0.00	32.99 0.64 0.00	31.36 0.55 0.00	32.28 0.49 0.00	31.88 0.47 0.00	35.13 0.50 0.00	43.06 0.71 0.00	53.11 1.00 0.00	161.67 2.36 0.00	30.33 0.41 0.00	41.06 0.33 0.00	43.56 0.27 0.00	36.20 0.40 0.00	41.22 0.51 0.00	53.22 0.94 0.00	48.93 0.91 0.00	58.11 1.15 0.00	67.09 1.40 0.00	57.18 1.08 0.00	63.53 1.26 0.00	73.23 1.20 0.00	111.55 1.77 0.00	48.77 0.84 0.00	45.14 0.65 0.00
PATTRSNVILLE____SOLAR 323815	30.43 0.95 0.00	33.35 0.99 0.00	31.71 0.90 0.00	32.71 0.92 0.00	32.32 0.91 0.00	35.64 1.01 0.00	43.70 1.34 0.00	53.83 1.71 0.00	164.16 4.85 0.00	30.81 0.90 0.00	41.86 1.14 0.00	44.45 1.16 0.00	36.67 0.87 0.00	41.72 1.02 0.00	53.68 1.40 0.00	49.16 1.14 0.00	58.41 1.44 0.00	67.36 1.67 0.00	57.82 1.72 0.00	64.49 2.22 0.00	74.44 2.40 0.00	113.43 3.65 0.00	49.50 1.56 0.00	45.85 1.36 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.51 -1.97 0.00	30.31 -2.05 0.00	28.88 -1.93 0.00	29.97 -1.81 0.00	29.58 -1.83 0.00	32.76 -1.87 0.00	39.59 -2.76 0.00	49.18 -2.93 0.00	150.82 -8.49 0.00	28.48 -1.43 0.00	39.32 -1.41 0.00	41.40 -1.89 0.00	33.97 -1.83 0.00	38.37 -2.34 0.00	48.44 -3.84 0.00	44.23 -3.79 0.00	52.00 -4.96 0.00	59.12 -5.98 0.59	50.20 -4.87 1.03	58.33 -3.94 0.00	67.55 -4.49 0.00	103.45 -6.33 0.00	44.73 -3.22 0.00	42.11 -2.39 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.14 1.66 0.00	34.09 1.74 0.00	32.37 1.56 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.26 1.62 0.00	44.64 2.29 0.00	55.34 3.22 0.00	168.84 9.53 0.00	31.68 1.77 0.00	43.14 2.42 0.00	46.08 2.79 0.00	38.19 2.39 0.00	43.38 2.68 0.00	55.83 3.55 0.00	51.52 3.50 0.00	61.22 4.26 0.00	70.56 4.87 0.00	59.91 3.80 0.00	66.74 4.46 0.00	76.62 4.58 0.00	116.33 6.55 0.00	50.64 2.70 0.00	46.91 2.42 0.00
PEEKSKILL____ 23653	30.91 1.43 0.00	33.85 1.50 0.00	32.14 1.33 0.00	33.11 1.33 0.00	32.69 1.28 0.00	35.98 1.35 0.00	44.28 1.93 0.00	54.90 2.79 0.00	167.56 8.25 0.00	31.47 1.55 0.00	42.85 2.13 0.00	45.79 2.51 0.00	37.94 2.15 0.00	43.08 2.37 0.00	55.45 3.17 0.00	51.12 3.10 0.00	60.71 3.75 0.00	69.99 4.30 0.00	59.39 3.28 0.00	66.17 3.90 0.00	75.92 3.88 0.00	115.24 5.46 0.00	50.23 2.29 0.00	46.59 2.10 0.00
PGE MADISON____WINDPWR 24146	31.23 1.75 0.00	34.36 2.00 0.00	32.68 1.87 0.00	33.78 1.99 0.00	33.38 1.97 0.00	36.94 2.31 0.00	45.09 2.73 0.00	56.34 4.22 0.00	176.30 17.00 0.00	33.01 3.10 0.00	44.89 4.16 0.00	46.93 3.64 0.00	38.60 2.80 0.00	43.98 3.27 0.00	56.41 4.13 0.00	51.10 3.09 0.00	59.62 2.66 0.00	69.58 3.30 -0.59	61.01 3.46 -1.45	66.92 4.65 0.00	77.30 5.26 0.00	117.54 7.76 0.00	50.82 2.88 0.00	47.33 2.84 0.00

PIERCEFIELD___HYD 23852	28.94 -0.54 0.00	31.75 -0.61 0.00	30.32 -0.49 0.00	31.32 -0.47 0.00	31.04 -0.37 0.00	34.29 -0.34 0.00	41.89 -0.46 0.00	51.01 -1.11 0.00	156.39 -2.92 0.00	29.27 -0.64 0.00	39.85 -0.88 0.00	42.25 -1.04 0.00	34.90 -0.89 0.00	39.71 -1.00 0.00	50.98 -1.30 0.00	46.85 -1.17 0.00	55.80 -1.16 0.00	64.08 -1.61 0.00	55.21 -0.90 0.00	61.23 -1.04 0.00	71.07 -0.97 0.00	108.40 -1.39 0.00	47.53 -0.41 0.00	44.04 -0.45 0.00
PINELAWN_CC_1 323563	31.69 2.01 -0.21	35.62 2.20 -1.06	34.54 2.10 -1.62	35.61 2.14 -1.68	36.35 2.07 -2.87	44.39 2.02 -7.74	45.30 2.70 -0.25	55.81 3.70 0.00	169.42 10.11 0.00	32.33 2.04 -0.38	46.37 2.53 -3.12	53.92 2.95 -7.69	43.75 2.51 -5.44	47.14 2.75 -3.68	55.87 3.59 0.00	55.12 3.56 -3.54	75.50 4.44 -14.10	98.17 5.15 -27.33	87.88 4.13 -27.64	81.70 4.70 -14.73	87.32 4.81 -10.47	134.19 7.51 -16.90	56.25 3.07 -5.24	47.18 2.69 0.00
PJM_GEN_HTTP_PROXY 323702	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.34 1.56 0.00	32.91 1.50 0.00	36.23 1.60 0.00	44.63 2.28 0.00	55.40 3.29 0.00	141.64 9.86 27.53	31.78 1.87 0.00	43.29 2.57 0.00	46.27 2.98 0.00	38.57 2.56 -0.22	43.53 2.82 -0.01	55.88 3.70 0.09	51.62 3.60 0.00	61.30 4.34 0.00	70.59 4.90 0.00	60.06 3.74 -0.21	66.63 4.35 0.00	76.43 4.40 0.00	116.01 6.23 0.00	50.53 2.59 0.00	46.90 2.41 0.00
PJM_GEN_KEystone 24065	29.25 -0.23 0.00	32.16 -0.19 0.00	30.57 -0.24 0.00	31.61 -0.17 0.00	31.17 -0.24 0.00	34.35 -0.28 0.00	41.95 -0.40 0.00	56.17 -0.04 -4.09	127.76 -0.13 31.42	29.93 0.02 0.00	41.06 0.33 0.00	43.63 0.34 0.00	36.01 0.19 -0.02	40.78 0.07 0.00	124.14 -0.19 -72.04	49.34 -0.19 -1.51	55.14 -0.47 1.35	65.61 -0.65 -0.56	51.36 -0.72 4.03	63.07 0.04 -0.75	71.56 -0.48 0.00	109.02 -0.76 0.00	47.37 -0.57 0.00	44.22 -0.27 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.45 1.96 -0.02	33.17 2.20 1.38	31.55 2.09 1.36	33.16 2.14 0.76	33.69 2.06 -0.22	36.90 2.00 -0.27	45.00 2.61 -0.04	55.71 3.59 0.00	141.91 10.12 27.53	32.01 2.06 -0.04	40.88 2.61 2.46	45.40 3.05 0.94	38.91 2.59 -0.52	43.87 2.81 -0.35	55.83 3.65 0.10	51.96 3.61 -0.34	62.73 4.40 -1.37	83.90 4.99 -13.22	77.58 3.96 -17.52	78.30 4.64 -11.39	80.53 4.74 -3.76	127.53 6.87 -10.88	55.14 2.84 -4.36	47.05 2.55 0.00
PJM_GEN_VFT_PROXY 323633	31.02 1.54 0.00	33.98 1.63 0.00	32.24 1.42 0.00	33.20 1.41 0.00	32.71 1.31 0.00	35.92 1.39 0.09	44.21 2.06 0.19	51.02 3.04 4.13	128.88 9.08 39.50	29.83 1.75 1.83	41.82 2.43 1.34	44.69 2.86 1.47	37.17 2.46 1.09	39.72 2.67 3.66	42.61 3.51 13.19	37.95 3.42 13.49	48.99 4.12 12.09	58.18 4.69 12.21	47.57 3.53 12.07	54.14 4.13 12.26	63.85 4.09 12.28	102.13 5.70 13.35	43.12 2.40 7.22	45.34 2.24 1.40
PLATSBURG_115KV_PMLD1 355749	30.32 0.84 0.00	33.22 0.86 0.00	31.66 0.85 0.00	32.77 0.99 0.00	32.45 1.03 0.00	35.98 1.35 0.00	43.77 1.42 0.00	53.80 1.69 0.00	164.68 5.38 0.00	30.70 0.78 0.00	41.85 1.13 0.00	44.52 1.23 0.00	36.85 1.05 0.00	42.07 1.37 0.00	53.87 1.59 0.00	49.19 1.17 0.00	58.38 1.42 0.00	67.58 1.88 0.00	57.90 1.80 0.00	64.51 2.24 0.00	74.74 2.70 0.00	113.82 4.04 0.00	49.85 1.91 0.00	45.97 1.48 0.00
PLEASANTVLY___LBMP 24000	30.80 1.32 0.00	33.74 1.38 0.00	32.04 1.23 0.00	33.02 1.24 0.00	32.59 1.18 0.00	35.87 1.24 0.00	44.11 1.76 0.00	54.65 2.53 0.00	166.71 7.40 0.00	31.30 1.40 0.00	42.61 1.88 0.00	45.49 2.20 0.00	37.69 1.90 0.00	42.82 2.11 0.00	55.13 2.85 0.00	50.79 2.77 0.00	60.33 3.36 0.00	69.53 3.84 0.00	59.03 2.92 0.00	65.73 3.46 0.00	75.49 3.45 0.00	114.68 4.90 0.00	50.02 2.08 0.00	46.39 1.89 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.02 1.54 0.00	33.98 1.62 0.00	32.26 1.44 0.00	33.24 1.46 0.00	32.82 1.41 0.00	36.11 1.48 0.00	44.46 2.10 0.00	55.10 2.99 0.00	168.15 8.84 0.00	31.59 1.68 0.00	43.00 2.28 0.00	45.94 2.65 0.00	38.08 2.29 0.00	43.24 2.54 0.00	55.62 3.35 0.00	51.29 3.27 0.00	60.93 3.97 0.00	70.20 4.52 0.00	59.58 3.48 0.00	66.32 4.04 0.00	76.12 4.08 0.00	115.57 5.79 0.00	50.37 2.43 0.00	46.71 2.22 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.02 1.54 0.00	33.98 1.62 0.00	32.26 1.44 0.00	33.24 1.46 0.00	32.82 1.41 0.00	36.11 1.48 0.00	44.46 2.10 0.00	55.10 2.99 0.00	168.15 8.84 0.00	31.59 1.68 0.00	43.00 2.28 0.00	45.94 2.65 0.00	38.08 2.29 0.00	43.24 2.54 0.00	55.62 3.35 0.00	51.29 3.27 0.00	60.93 3.97 0.00	70.20 4.52 0.00	59.58 3.48 0.00	66.32 4.04 0.00	76.12 4.08 0.00	115.57 5.79 0.00	50.37 2.43 0.00	46.71 2.22 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.05 1.57 0.00	34.00 1.65 0.00	32.29 1.48 0.00	33.27 1.49 0.00	32.84 1.43 0.00	36.16 1.53 0.00	44.49 2.14 0.00	55.11 3.00 0.00	168.11 8.80 0.00	31.52 1.61 0.00	42.88 2.16 0.00	45.79 2.51 0.00	37.95 2.15 0.00	43.10 2.39 0.00	55.52 3.24 0.00	51.22 3.21 0.00	60.90 3.94 0.00	70.20 4.51 0.00	59.64 3.53 0.00	66.44 4.17 0.00	76.32 4.29 0.00	115.89 6.11 0.00	50.50 2.56 0.00	46.78 2.29 0.00
POLETTI_____ 23519	31.13 1.65 0.00	34.11 1.75 0.00	32.38 1.57 0.00	33.33 1.55 0.00	32.90 1.49 0.00	36.20 1.57 0.00	44.60 2.24 0.00	55.35 3.23 0.00	169.02 9.71 0.00	31.78 1.86 0.00	43.28 2.56 0.00	46.28 2.99 0.00	38.58 2.57 -0.22	43.53 2.82 0.00	55.98 3.70 0.00	51.61 3.59 0.00	61.29 4.33 0.00	70.59 4.90 0.00	59.82 3.72 0.00	66.62 4.35 0.00	76.39 4.36 0.00	115.92 6.14 0.00	50.52 2.58 0.00	46.86 2.37 0.00
POMONA___ESR 323819	30.90 1.42 0.00	33.84 1.48 0.00	32.12 1.31 0.00	33.11 1.33 0.00	32.67 1.26 0.00	35.95 1.32 0.00	44.26 1.91 0.00	54.88 2.77 0.00	167.53 8.22 0.00	31.45 1.54 0.00	42.88 2.15 0.00	45.83 2.54 0.00	37.98 2.18 0.00	43.11 2.40 0.00	55.50 3.23 0.00	51.17 3.16 0.00	60.76 3.80 0.00	70.04 4.36 0.00	59.42 3.31 0.00	66.21 3.94 0.00	75.96 3.92 0.00	115.25 5.48 0.00	50.24 2.31 0.00	46.60 2.11 0.00
PORT_JEFF_3 23555	32.02 2.44 -0.10	34.71 2.66 0.30	33.32 2.57 0.06	34.74 2.64 -0.32	35.34 2.55 -1.38	40.58 2.52 -3.43	45.76 3.28 -0.13	56.43 4.32 0.00	171.48 12.17 0.00	32.57 2.48 -0.18	43.68 3.05 0.10	49.62 3.52 -2.81	41.42 3.01 -2.61	45.77 3.30 -1.77	56.56 4.29 0.00	53.90 4.19 -1.70	69.00 5.27 -6.77	91.26 6.19 -19.37	83.37 5.14 -22.13	81.26 6.04 -12.94	85.27 6.32 -6.92	132.85 9.38 -13.69	56.56 3.86 -4.77	47.85 3.36 0.00
PORT_JEFF_4 23616	32.02 2.44 -0.10	34.71 2.66 0.30	33.32 2.57 0.06	34.74 2.64 -0.32	35.34 2.55 -1.38	40.58 2.52 -3.43	45.76 3.28 -0.13	56.43 4.32 0.00	171.48 12.17 0.00	32.57 2.48 -0.18	43.68 3.05 0.10	49.62 3.52 -2.81	41.42 3.01 -2.61	45.77 3.30 -1.77	56.56 4.29 0.00	53.90 4.19 -1.70	69.00 5.27 -6.77	91.26 6.19 -19.37	83.37 5.14 -22.13	81.26 6.04 -12.94	85.27 6.32 -6.92	132.85 9.38 -13.69	56.56 3.86 -4.77	47.85 3.36 0.00

PORT_JEFF_IC 23713	32.06 2.48 -0.10	34.79 2.72 0.27	33.34 2.55 0.02	34.76 2.63 -0.35	35.36 2.55 -1.41	40.69 2.55 -3.52	45.81 3.33 -0.13	56.49 4.37 0.00	171.63 12.32 0.00	32.61 2.51 -0.19	43.75 3.06 0.04	49.76 3.55 -2.91	41.51 3.04 -2.67	45.86 3.35 -1.81	56.66 4.38 0.00	53.99 4.24 -1.74	69.24 5.36 -6.92	91.55 6.32 -19.54	83.63 5.27 -22.26	81.44 6.18 -12.99	85.51 6.47 -7.00	133.13 9.58 -13.77	56.66 3.94 -4.78	47.92 3.43 0.00
PPL PILGRIM_ST_GT1 24216	32.07 2.48 -0.11	34.95 2.71 0.11	33.58 2.60 -0.17	34.94 2.65 -0.51	35.56 2.57 -1.58	41.18 2.56 -3.99	45.84 3.35 -0.14	56.59 4.48 0.00	171.93 12.62 0.00	32.65 2.53 -0.21	44.22 3.18 -0.31	50.43 3.69 -3.46	41.86 3.09 -2.98	46.12 3.40 -2.01	56.69 4.42 0.00	54.28 4.32 -1.94	69.99 5.30 -7.72	92.10 5.97 -20.44	83.88 4.83 -22.94	81.17 5.69 -13.21	85.42 5.92 -7.47	133.38 9.41 -14.18	56.67 3.89 -4.84	47.92 3.43 0.00
PPL PILGRIM_ST_GT2 24217	32.07 2.48 -0.11	34.95 2.71 0.11	33.58 2.60 -0.17	34.94 2.65 -0.51	35.56 2.57 -1.58	41.18 2.56 -3.99	45.84 3.35 -0.14	56.59 4.48 0.00	171.93 12.62 0.00	32.65 2.53 -0.21	44.22 3.18 -0.31	50.43 3.69 -3.46	41.86 3.09 -2.98	46.12 3.40 -2.01	56.69 4.42 0.00	54.28 4.32 -1.94	69.99 5.30 -7.72	92.10 5.97 -20.44	83.88 4.83 -22.94	81.17 5.69 -13.21	85.42 5.92 -7.47	133.38 9.41 -14.18	56.67 3.89 -4.84	47.92 3.43 0.00
PPL_SHRM_GT3 24213	32.04 2.46 -0.10	34.72 2.65 0.29	33.39 2.62 0.04	34.86 2.75 -0.33	35.48 2.68 -1.39	40.77 2.67 -3.47	46.00 3.52 -0.13	56.68 4.57 0.00	172.14 12.83 0.00	32.70 2.60 -0.18	43.76 3.11 0.07	49.70 3.55 -2.86	41.46 3.03 -2.64	45.81 3.32 -1.78	56.57 4.29 0.00	53.93 4.20 -1.72	69.19 5.39 -6.83	91.59 6.45 -19.44	83.79 5.50 -22.18	81.75 6.52 -12.96	85.88 6.89 -6.96	133.69 10.18 -13.72	56.92 4.21 -4.77	48.12 3.63 0.00
PPL_SHRM_GT4 24214	32.04 2.46 -0.10	34.72 2.65 0.29	33.39 2.62 0.04	34.86 2.75 -0.33	35.48 2.68 -1.39	40.77 2.67 -3.47	46.00 3.52 -0.13	56.68 4.57 0.00	172.14 12.83 0.00	32.70 2.60 -0.18	43.76 3.11 0.07	49.70 3.55 -2.86	41.46 3.03 -2.64	45.81 3.32 -1.78	56.57 4.29 0.00	53.93 4.20 -1.72	69.19 5.39 -6.83	91.59 6.45 -19.44	83.79 5.50 -22.18	81.75 6.52 -12.96	85.88 6.89 -6.96	133.69 10.18 -13.72	56.92 4.21 -4.77	48.12 3.63 0.00
PROJECT___ORANGE 1 24174	28.85 -0.63 0.00	31.72 -0.63 0.00	30.19 -0.62 0.00	31.17 -0.61 0.00	30.80 -0.61 0.00	34.01 -0.62 0.00	41.58 -0.77 0.00	51.31 -0.81 0.00	156.82 -2.49 0.00	29.49 -0.42 0.00	40.21 -0.52 0.00	42.66 -0.62 0.00	35.21 -0.59 0.00	39.97 -0.74 0.00	51.24 -1.04 0.00	47.05 -0.97 0.00	55.74 -1.22 0.00	64.31 -1.38 0.00	54.90 -1.21 0.00	61.27 -1.00 0.00	70.80 -1.24 0.00	107.90 -1.88 0.00	46.96 -0.98 0.00	43.63 -0.86 0.00
PROJECT___ORANGE 2 24166	28.85 -0.63 0.00	31.72 -0.63 0.00	30.19 -0.62 0.00	31.17 -0.61 0.00	30.80 -0.61 0.00	34.01 -0.62 0.00	41.58 -0.77 0.00	51.31 -0.81 0.00	156.82 -2.49 0.00	29.49 -0.42 0.00	40.21 -0.52 0.00	42.66 -0.62 0.00	35.21 -0.59 0.00	39.97 -0.74 0.00	51.24 -1.04 0.00	47.05 -0.97 0.00	55.74 -1.22 0.00	64.31 -1.38 0.00	54.90 -1.21 0.00	61.27 -1.00 0.00	70.80 -1.24 0.00	107.90 -1.88 0.00	46.96 -0.98 0.00	43.63 -0.86 0.00
PUCKETT___SOLAR 323809	29.70 0.22 0.00	32.67 0.32 0.00	31.11 0.30 0.00	32.14 0.36 0.00	31.73 0.32 0.00	35.03 0.40 0.00	42.81 0.46 0.00	53.60 1.49 0.00	175.10 15.79 0.00	32.73 2.82 0.00	44.41 3.69 0.00	46.75 3.46 0.00	38.36 2.56 0.00	43.55 2.84 0.00	55.76 3.48 0.00	49.78 1.77 0.00	56.95 -0.02 0.00	65.71 0.14 0.12	56.15 0.26 0.21	63.20 0.93 0.00	72.86 0.82 0.00	111.24 1.46 0.00	48.22 0.28 0.00	44.86 0.37 0.00
PYRITES___HYD 24023	29.67 0.19 0.00	32.54 0.19 0.00	31.08 0.27 0.00	32.12 0.33 0.00	31.84 0.43 0.00	35.23 0.60 0.00	43.06 0.71 0.00	52.39 0.27 0.00	160.56 1.25 0.00	29.99 0.07 0.00	40.79 0.06 0.00	43.14 -0.15 0.00	35.58 -0.22 0.00	40.43 -0.28 0.00	51.96 -0.32 0.00	47.87 -0.15 0.00	56.95 -0.01 0.00	65.50 -0.19 0.00	56.47 0.36 0.00	62.78 0.51 0.00	73.03 1.00 0.00	111.34 1.56 0.00	48.73 0.79 0.00	45.16 0.67 0.00
QUAKERRD_115KV_BK1 80622	27.49 -1.98 0.00	30.21 -2.15 0.00	28.77 -2.04 0.00	29.77 -2.02 0.00	29.44 -1.97 0.00	32.59 -2.04 0.00	39.67 -2.68 0.00	49.06 -3.05 0.00	150.15 -9.15 0.00	28.28 -1.63 0.00	38.73 -1.99 0.00	40.96 -2.33 0.00	33.74 -2.06 0.00	38.18 -2.52 0.00	48.64 -3.64 0.00	44.56 -3.46 0.00	52.63 -4.33 0.00	60.29 -5.22 0.18	51.31 -4.32 0.48	58.36 -3.91 0.00	67.65 -4.38 0.00	103.18 -6.60 0.00	44.76 -3.18 0.00	41.80 -2.69 0.00
QUENSBRY_115KV_TB8 356137	30.87 1.39 0.00	33.75 1.40 0.00	31.93 1.12 0.00	32.92 1.14 0.00	32.59 1.18 0.00	36.03 1.40 0.00	44.38 2.02 0.00	54.72 2.60 0.00	166.72 7.41 0.00	31.13 1.22 0.00	42.26 1.54 0.00	45.08 1.79 0.00	37.35 1.55 0.00	42.78 2.07 0.00	54.94 2.66 0.00	50.32 2.31 0.00	59.56 2.60 0.00	68.82 3.14 0.00	58.89 2.78 0.00	65.62 3.35 0.00	75.79 3.75 0.00	115.53 5.75 0.00	50.45 2.51 0.00	46.41 1.92 0.00
RAMAPO___LBMP 323565	30.78 1.30 0.00	33.72 1.37 0.00	32.01 1.20 0.00	32.99 1.20 0.00	32.56 1.15 0.00	35.84 1.21 0.00	44.10 1.75 0.00	54.68 2.56 0.00	166.90 7.59 0.00	31.32 1.41 0.00	42.69 1.97 0.00	45.62 2.34 0.00	37.80 2.00 0.00	42.90 2.19 0.00	55.24 2.96 0.00	50.92 2.91 0.00	60.46 3.50 0.00	69.72 4.03 0.00	59.16 3.05 0.00	65.94 3.67 0.00	75.64 3.60 0.00	114.79 5.01 0.00	50.05 2.11 0.00	46.43 1.94 0.00
RANKINE____ 23646	27.26 -2.22 0.00	30.02 -2.34 0.00	28.62 -2.19 0.00	29.70 -2.08 0.00	29.31 -2.10 0.00	32.50 -2.13 0.00	39.24 -3.11 0.00	48.72 -3.40 0.00	149.34 -9.97 0.00	28.20 -1.71 0.00	38.95 -1.77 0.00	40.99 -2.30 0.00	33.65 -2.15 0.00	37.95 -2.75 0.00	47.93 -4.35 0.00	43.76 -4.25 0.00	51.47 -5.50 0.00	58.36 -6.75 0.59	49.59 -5.50 1.01	57.71 -4.56 0.00	66.91 -5.12 0.00	102.45 -7.33 0.00	44.28 -3.66 0.00	41.72 -2.77 0.00
RAVENSWOOD_GT2_1 24244	31.17 1.69 0.00	34.13 1.77 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.65 2.29 0.00	55.42 3.31 0.00	169.20 9.89 0.00	31.82 1.91 0.00	43.35 2.62 0.00	46.34 3.05 0.00	38.62 2.60 -0.22	43.58 2.87 0.00	56.04 3.76 0.00	51.67 3.66 0.00	61.36 4.40 0.00	70.70 5.01 0.00	59.92 3.81 0.00	66.70 4.43 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.58 2.64 0.00	46.93 2.44 0.00
RAVENSWOOD_GT2_2 24245	31.17 1.69 0.00	34.13 1.77 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.65 2.29 0.00	55.42 3.31 0.00	169.20 9.89 0.00	31.82 1.91 0.00	43.35 2.62 0.00	46.34 3.05 0.00	38.62 2.60 -0.22	43.58 2.87 0.00	56.04 3.76 0.00	51.67 3.66 0.00	61.36 4.40 0.00	70.70 5.01 0.00	59.92 3.81 0.00	66.70 4.43 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.58 2.64 0.00	46.93 2.44 0.00

RAVENSWOOD_GT2_3 24246	31.18 1.70 0.00	34.14 1.78 0.00	32.40 1.59 0.00	33.36 1.58 0.00	32.93 1.53 0.00	36.25 1.62 0.00	44.66 2.31 0.00	55.45 3.34 0.00	169.28 9.97 0.00	31.84 1.93 0.00	43.36 2.64 0.00	46.36 3.07 0.00	38.65 2.63 -0.22	43.60 2.89 0.00	56.07 3.80 0.00	51.70 3.68 0.00	61.39 4.43 0.00	70.72 5.03 0.00	59.94 3.84 0.00	66.74 4.47 0.00	76.54 4.51 0.00	116.14 6.36 0.00	50.62 2.68 0.00	46.95 2.46 0.00
RAVENSWOOD_GT2_4 24247	31.18 1.70 0.00	34.14 1.78 0.00	32.40 1.59 0.00	33.36 1.58 0.00	32.93 1.53 0.00	36.25 1.62 0.00	44.66 2.31 0.00	55.45 3.34 0.00	169.28 9.97 0.00	31.84 1.93 0.00	43.36 2.64 0.00	46.36 3.07 0.00	38.65 2.63 -0.22	43.60 2.89 0.00	56.07 3.80 0.00	51.70 3.68 0.00	61.39 4.43 0.00	70.72 5.03 0.00	59.94 3.84 0.00	66.74 4.47 0.00	76.54 4.51 0.00	116.14 6.36 0.00	50.62 2.68 0.00	46.95 2.46 0.00
RAVENSWOOD_GT3_1 24248	31.17 1.69 0.00	34.13 1.77 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.65 2.29 0.00	55.43 3.31 0.00	169.20 9.89 0.00	31.82 1.91 0.00	43.35 2.62 0.00	46.34 3.05 0.00	38.63 2.60 -0.22	43.58 2.87 0.00	56.04 3.76 0.00	51.67 3.66 0.00	61.36 4.40 0.00	70.71 5.02 0.00	59.92 3.81 0.00	66.70 4.43 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.58 2.64 0.00	46.93 2.44 0.00
RAVENSWOOD_GT3_2 24249	31.17 1.69 0.00	34.13 1.77 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.65 2.29 0.00	55.43 3.31 0.00	169.20 9.89 0.00	31.82 1.91 0.00	43.35 2.62 0.00	46.34 3.05 0.00	38.63 2.60 -0.22	43.58 2.87 0.00	56.04 3.76 0.00	51.67 3.66 0.00	61.36 4.40 0.00	70.71 5.02 0.00	59.92 3.81 0.00	66.70 4.43 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.58 2.64 0.00	46.93 2.44 0.00
RAVENSWOOD_GT3_3 24250	31.21 1.73 0.00	34.17 1.82 0.00	32.43 1.62 0.00	33.39 1.61 0.00	32.96 1.55 0.00	36.28 1.65 0.00	44.72 2.36 0.00	55.51 3.39 0.00	169.50 10.19 0.00	31.87 1.96 0.00	43.42 2.70 0.00	46.42 3.13 0.00	38.69 2.67 -0.22	43.66 2.95 0.00	56.14 3.86 0.00	51.76 3.74 0.00	61.47 4.51 0.00	70.80 5.11 0.00	60.01 3.90 0.00	66.81 4.54 0.00	76.62 4.59 0.00	116.27 6.49 0.00	50.67 2.73 0.00	47.00 2.51 0.00
RAVENSWOOD_GT3_4 24251	31.21 1.73 0.00	34.17 1.82 0.00	32.43 1.62 0.00	33.39 1.61 0.00	32.96 1.55 0.00	36.28 1.65 0.00	44.72 2.36 0.00	55.51 3.39 0.00	169.50 10.19 0.00	31.87 1.96 0.00	43.42 2.70 0.00	46.42 3.13 0.00	38.69 2.67 -0.22	43.66 2.95 0.00	56.14 3.86 0.00	51.76 3.74 0.00	61.47 4.51 0.00	70.80 5.11 0.00	60.01 3.90 0.00	66.81 4.54 0.00	76.62 4.59 0.00	116.27 6.49 0.00	50.67 2.73 0.00	47.00 2.51 0.00
RAVENSWOOD_GT_1 23729	31.24 1.76 0.00	34.20 1.85 0.00	32.47 1.66 0.00	33.42 1.63 0.00	33.00 1.60 0.00	36.32 1.69 0.00	45.17 2.41 -0.40	55.55 3.43 0.00	170.04 10.27 -0.47	34.59 2.03 -2.65	43.70 2.76 -0.22	46.71 3.23 -0.19	40.74 2.73 -2.21	44.02 3.00 -0.31	56.23 3.95 0.00	51.83 3.81 0.00	61.52 4.56 0.00	70.90 5.21 0.00	60.08 3.97 0.00	66.84 4.57 0.00	76.65 4.61 0.00	116.29 6.50 0.00	50.71 2.77 0.00	47.01 2.52 0.00
RAVENSWOOD_GT_10 24258	31.17 1.69 0.00	34.13 1.77 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.69 2.29 -0.05	55.43 3.31 0.00	169.25 9.89 -0.05	32.12 1.91 -0.30	43.37 2.62 -0.02	46.36 3.05 -0.02	38.85 2.60 -0.45	43.62 2.87 -0.04	56.04 3.76 0.00	51.67 3.66 0.00	61.36 4.40 0.00	70.69 5.00 0.00	59.91 3.81 0.00	66.70 4.43 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.58 2.64 0.00	46.93 2.44 0.00
RAVENSWOOD_GT_11 24259	31.17 1.69 0.00	34.13 1.77 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.69 2.29 -0.05	55.43 3.31 0.00	169.25 9.89 -0.05	32.12 1.91 -0.30	43.37 2.62 -0.02	46.36 3.05 -0.02	38.85 2.60 -0.45	43.62 2.87 -0.04	56.04 3.76 0.00	51.67 3.66 0.00	61.36 4.40 0.00	70.69 5.00 0.00	59.91 3.81 0.00	66.70 4.43 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.58 2.64 0.00	46.93 2.44 0.00
RAVENSWOOD_GT_4 24252	31.16 1.68 0.00	34.12 1.76 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.96 2.29 -0.31	55.43 3.32 0.00	169.55 9.89 -0.35	33.83 1.90 -2.02	43.50 2.61 -0.17	46.46 3.03 -0.14	40.14 2.60 -1.74	43.81 2.87 -0.24	56.03 3.75 0.00	51.67 3.65 0.00	61.35 4.39 0.00	70.66 4.97 0.00	59.90 3.79 0.00	66.70 4.42 0.00	76.51 4.47 0.00	116.12 6.34 0.00	50.58 2.64 0.00	46.94 2.45 0.00
RAVENSWOOD_GT_5 24254	31.16 1.68 0.00	34.12 1.76 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.96 2.29 -0.31	55.43 3.32 0.00	169.55 9.89 -0.35	33.83 1.90 -2.02	43.50 2.61 -0.17	46.46 3.03 -0.14	40.14 2.60 -1.74	43.81 2.87 -0.24	56.03 3.75 0.00	51.67 3.65 0.00	61.35 4.39 0.00	70.66 4.97 0.00	59.90 3.79 0.00	66.70 4.42 0.00	76.51 4.47 0.00	116.12 6.34 0.00	50.58 2.64 0.00	46.94 2.45 0.00
RAVENSWOOD_GT_6 24253	31.16 1.68 0.00	34.12 1.76 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.96 2.29 -0.31	55.43 3.32 0.00	169.55 9.89 -0.35	33.83 1.90 -2.02	43.50 2.61 -0.17	46.46 3.03 -0.14	40.14 2.60 -1.74	43.81 2.87 -0.24	56.03 3.75 0.00	51.67 3.65 0.00	61.35 4.39 0.00	70.66 4.97 0.00	59.90 3.79 0.00	66.70 4.42 0.00	76.51 4.47 0.00	116.12 6.34 0.00	50.58 2.64 0.00	46.94 2.45 0.00
RAVENSWOOD_GT_7 24255	31.16 1.68 0.00	34.12 1.76 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.96 2.29 -0.31	55.43 3.32 0.00	169.55 9.89 -0.35	33.83 1.90 -2.02	43.50 2.61 -0.17	46.46 3.03 -0.14	40.14 2.60 -1.74	43.81 2.87 -0.24	56.03 3.75 0.00	51.67 3.65 0.00	61.35 4.39 0.00	70.66 4.97 0.00	59.90 3.79 0.00	66.70 4.42 0.00	76.51 4.47 0.00	116.12 6.34 0.00	50.58 2.64 0.00	46.94 2.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.17 1.69 0.00	34.13 1.77 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.69 2.29 -0.05	55.43 3.31 0.00	169.25 9.89 -0.05	32.12 1.91 -0.30	43.37 2.62 -0.02	46.36 3.05 -0.02	38.85 2.60 -0.45	43.62 2.87 -0.04	56.04 3.76 0.00	51.67 3.66 0.00	61.36 4.40 0.00	70.69 5.00 0.00	59.91 3.81 0.00	66.70 4.43 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.58 2.64 0.00	46.93 2.44 0.00
RAVENSWOOD_GT_9 24257	31.17 1.69 0.00	34.13 1.77 0.00	32.38 1.57 0.00	33.36 1.57 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.69 2.29 -0.05	55.43 3.31 0.00	169.25 9.89 -0.05	32.12 1.91 -0.30	43.37 2.62 -0.02	46.36 3.05 -0.02	38.85 2.60 -0.45	43.62 2.87 -0.04	56.04 3.76 0.00	51.67 3.66 0.00	61.36 4.40 0.00	70.69 5.00 0.00	59.91 3.81 0.00	66.70 4.43 0.00	76.51 4.47 0.00	116.12 6.35 0.00	50.58 2.64 0.00	46.93 2.44 0.00

RAVENSWOOD___1 23533	31.20 1.72 0.00	34.16 1.81 0.00	32.42 1.61 0.00	33.37 1.59 0.00	32.94 1.53 0.00	36.25 1.62 0.00	44.28 2.33 0.40	55.45 3.33 0.00	168.81 9.96 0.46	29.28 1.98 2.61	43.21 2.70 0.21	46.27 3.16 0.18	36.73 2.65 1.73	43.35 2.94 0.30	56.14 3.86 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.79 5.10 0.00	59.98 3.88 0.00	66.76 4.49 0.00	76.57 4.53 0.00	116.16 6.38 0.00	50.63 2.69 0.00	46.96 2.47 0.00
RAVENSWOOD___2 23534	31.20 1.72 0.00	34.16 1.81 0.00	32.42 1.61 0.00	33.37 1.59 0.00	32.94 1.53 0.00	36.25 1.62 0.00	44.28 2.33 0.40	55.45 3.33 0.00	168.81 9.96 0.46	29.28 1.98 2.61	43.21 2.70 0.21	46.27 3.16 0.18	36.73 2.65 1.73	43.35 2.94 0.30	56.14 3.86 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.79 5.10 0.00	59.98 3.88 0.00	66.76 4.49 0.00	76.57 4.53 0.00	116.16 6.38 0.00	50.63 2.69 0.00	46.96 2.47 0.00
RAVENSWOOD___3 23535	31.17 1.69 0.00	34.13 1.78 0.00	32.39 1.58 0.00	33.36 1.58 0.00	32.92 1.51 0.00	36.23 1.60 0.00	44.64 2.29 0.00	55.43 3.32 0.00	169.21 9.90 0.00	31.83 1.92 0.00	43.35 2.63 0.00	46.34 3.06 0.00	38.63 2.61 -0.23	43.59 2.88 -0.01	56.05 3.77 0.00	51.68 3.67 0.00	61.37 4.41 0.00	70.69 5.00 0.00	59.92 3.81 0.00	66.71 4.44 0.00	76.51 4.48 0.00	116.12 6.34 0.00	50.59 2.65 0.00	46.94 2.45 0.00
RAVENSWOOD___4 23820	31.20 1.72 0.00	34.16 1.81 0.00	32.42 1.61 0.00	33.37 1.59 0.00	32.94 1.53 0.00	36.25 1.62 0.00	44.28 2.33 0.40	55.45 3.33 0.00	168.81 9.96 0.46	29.28 1.98 2.61	43.21 2.70 0.21	46.27 3.16 0.18	36.73 2.65 1.73	43.35 2.94 0.30	56.14 3.86 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.79 5.10 0.00	59.98 3.88 0.00	66.76 4.49 0.00	76.57 4.53 0.00	116.16 6.38 0.00	50.63 2.69 0.00	46.96 2.47 0.00
RCPL_TRUST___DRP 24196	31.15 1.67 0.00	34.11 1.75 0.00	32.37 1.56 0.00	33.34 1.56 0.00	32.91 1.50 0.00	36.22 1.60 0.00	44.63 2.28 0.00	55.40 3.29 0.00	169.16 9.86 0.00	31.78 1.87 0.00	43.29 2.56 0.00	46.27 2.98 0.00	38.57 2.56 -0.21	43.53 2.82 0.00	55.98 3.70 0.00	51.61 3.59 0.00	61.30 4.34 0.00	70.59 4.91 0.00	59.85 3.74 0.00	66.63 4.35 0.00	76.43 4.39 0.00	116.01 6.23 0.00	50.53 2.59 0.00	46.90 2.41 0.00
RED___ROCHESTER 323720	28.02 -1.46 0.00	30.77 -1.59 0.00	29.31 -1.50 0.00	30.33 -1.45 0.00	29.99 -1.42 0.00	33.23 -1.40 0.00	40.39 -1.96 0.00	50.03 -2.09 0.00	153.25 -6.06 0.00	28.88 -1.03 0.00	39.63 -1.10 0.00	41.85 -1.43 0.00	34.44 -1.35 0.00	38.97 -1.74 0.00	49.53 -2.75 0.00	45.31 -2.71 0.00	53.50 -3.46 0.00	61.23 -4.24 0.22	52.11 -3.43 0.56	59.55 -2.73 0.00	69.05 -2.98 0.00	105.35 -4.43 0.00	45.62 -2.32 0.00	42.67 -1.82 0.00
REGAN___SOLAR 323812	30.94 1.47 0.00	33.89 1.54 0.00	32.27 1.46 0.00	33.31 1.52 0.00	32.97 1.56 0.00	36.41 1.78 0.00	44.70 2.35 0.00	54.98 2.86 0.00	167.50 8.19 0.00	31.49 1.58 0.00	42.81 2.08 0.00	45.16 1.88 0.00	37.02 1.22 0.00	41.95 1.25 0.00	53.94 1.66 0.00	48.74 0.72 0.00	58.35 1.38 0.00	68.07 2.38 0.00	58.89 2.79 0.00	65.93 3.66 0.00	76.26 4.22 0.00	116.09 6.31 0.00	50.53 2.59 0.00	46.79 2.30 0.00
RENSSELAER___COGEN 23796	29.99 0.51 0.00	32.86 0.51 0.00	31.21 0.40 0.00	32.14 0.35 0.00	31.74 0.33 0.00	34.96 0.33 0.00	42.84 0.49 0.00	52.82 0.71 0.00	160.75 1.45 0.00	30.14 0.22 0.00	40.78 0.06 0.00	43.28 -0.01 0.00	35.98 0.18 0.00	40.98 0.27 0.00	52.89 0.61 0.00	48.64 0.62 0.00	57.76 0.80 0.00	66.72 1.03 0.00	56.85 0.75 0.00	63.16 0.88 0.00	72.81 0.77 0.00	110.92 1.14 0.00	48.53 0.59 0.00	44.93 0.44 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.85 2.36 0.00	34.73 2.37 0.00	32.61 1.80 0.00	33.72 1.94 0.00	33.50 2.10 0.00	37.22 2.59 0.00	46.02 3.67 0.00	56.77 4.66 0.00	172.35 13.04 0.00	32.07 2.15 0.00	43.52 2.80 0.00	46.52 3.24 0.00	38.35 2.55 0.00	44.38 3.68 0.00	56.97 4.69 0.00	51.90 3.89 0.00	61.15 4.19 0.00	70.94 5.25 0.00	60.61 4.50 0.00	67.61 5.34 0.00	78.27 6.24 0.00	119.54 9.76 0.00	52.25 4.31 0.00	47.66 3.17 0.00
REVERE_CPPR_DRP 24186	30.11 0.62 0.00	33.07 0.71 0.00	31.49 0.68 0.00	32.46 0.67 0.00	32.07 0.66 0.00	35.43 0.80 0.00	43.51 1.16 0.00	53.79 1.67 0.00	164.67 5.36 0.00	30.91 1.00 0.00	42.08 1.35 0.00	44.63 1.34 0.00	36.75 0.95 0.00	41.67 0.97 0.00	53.33 1.05 0.00	49.02 1.00 0.00	58.20 1.24 0.00	67.48 1.79 0.00	57.81 1.71 0.00	64.43 2.16 0.00	74.42 2.38 0.00	113.37 3.59 0.00	49.26 1.32 0.00	45.64 1.15 0.00
REYNLDPA_13_KV_LD 356490	29.70 0.22 0.00	32.57 0.22 0.00	31.09 0.27 0.00	32.12 0.33 0.00	31.80 0.39 0.00	35.12 0.49 0.00	42.82 0.47 0.00	52.25 0.13 0.00	160.01 0.70 0.00	29.83 -0.08 0.00	40.85 0.13 0.00	43.39 0.10 0.00	35.88 0.08 0.00	40.87 0.16 0.00	52.40 0.13 0.00	48.07 0.06 0.00	57.05 0.09 0.00	65.73 0.03 0.00	56.56 0.45 0.00	62.65 0.37 0.00	72.63 0.60 0.00	110.79 1.01 0.00	48.09 0.14 0.00	44.88 0.39 0.00
REYNOLDS_115KV_TB3 80639	30.23 0.75 0.00	33.10 0.75 0.00	31.41 0.60 0.00	32.35 0.57 0.00	31.95 0.54 0.00	35.21 0.58 0.00	43.15 0.80 0.00	53.18 1.06 0.00	162.01 2.70 0.00	30.32 0.40 0.00	41.01 0.29 0.00	43.54 0.25 0.00	36.18 0.38 0.00	41.27 0.57 0.00	53.35 1.07 0.00	49.05 1.03 0.00	58.18 1.22 0.00	67.20 1.51 0.00	57.26 1.15 0.00	63.61 1.33 0.00	73.35 1.31 0.00	111.78 2.00 0.00	48.95 1.01 0.00	45.28 0.78 0.00
RIVERBAY____ 323610	31.78 2.30 0.00	34.86 2.51 0.00	33.18 2.37 0.00	34.12 2.34 0.00	33.70 2.29 0.00	37.12 2.49 0.00	45.84 3.49 0.00	56.78 4.66 0.00	173.37 14.06 0.00	32.52 2.61 0.00	44.29 3.56 0.00	47.39 4.10 0.00	39.41 3.39 -0.22	44.46 3.76 0.00	57.25 4.97 0.00	52.77 4.75 0.00	62.68 5.72 0.00	72.03 6.34 0.00	61.26 5.16 0.00	67.94 5.67 0.00	78.00 5.97 0.00	118.35 8.57 0.00	51.66 3.72 0.00	47.93 3.44 0.00
RIVERSDE_115KV_TB3 55908	30.12 0.64 0.00	33.00 0.64 0.00	31.33 0.51 0.00	32.26 0.47 0.00	31.86 0.45 0.00	35.11 0.48 0.00	43.02 0.66 0.00	53.04 0.92 0.00	161.52 2.22 0.00	30.30 0.39 0.00	41.00 0.27 0.00	43.45 0.16 0.00	36.11 0.31 0.00	41.16 0.45 0.00	53.23 0.95 0.00	48.95 0.93 0.00	58.02 1.06 0.00	67.01 1.32 0.00	57.10 0.99 0.00	63.43 1.16 0.00	73.13 1.10 0.00	111.44 1.66 0.00	48.77 0.83 0.00	45.12 0.62 0.00
ROARING___BROOK_WT_PWR 323790	29.36 -0.12 0.00	32.27 -0.08 0.00	30.79 -0.02 0.00	31.78 -0.01 0.00	31.41 0.00 0.00	34.62 -0.01 0.00	42.26 -0.09 0.00	51.82 -0.29 0.00	158.60 -0.71 0.00	29.78 -0.13 0.00	40.59 -0.14 0.00	43.12 -0.17 0.00	35.67 -0.13 0.00	40.56 -0.14 0.00	52.07 -0.21 0.00	47.78 -0.24 0.00	56.65 -0.31 0.00	65.30 -0.39 0.00	55.98 -0.13 0.00	62.04 -0.23 0.00	71.76 -0.28 0.00	109.44 -0.34 0.00	47.83 -0.11 0.00	44.42 -0.07 0.00

ROCHESRG_115KV_T4 355643	27.76 -1.73 0.00	30.50 -1.86 0.00	29.06 -1.75 0.00	30.08 -1.70 0.00	29.73 -1.68 0.00	32.92 -1.71 0.00	40.00 -2.35 0.00	49.50 -2.62 0.00	151.63 -7.68 0.00	28.55 -1.36 0.00	39.18 -1.55 0.00	41.38 -1.90 0.00	34.08 -1.72 0.00	38.54 -2.16 0.00	49.00 -3.28 0.00	44.84 -3.18 0.00	52.91 -4.05 0.00	60.56 -4.93 0.21	51.53 -4.02 0.55	58.84 -3.43 0.00	68.25 -3.79 0.00	104.15 -5.63 0.00	45.16 -2.79 0.00	42.24 -2.25 0.00
ROCHESTER_9_IC 23652	27.89 -1.59 0.00	30.64 -1.71 0.00	29.19 -1.62 0.00	30.21 -1.57 0.00	29.86 -1.55 0.00	33.09 -1.54 0.00	40.21 -2.14 0.00	49.79 -2.33 0.00	152.52 -6.79 0.00	28.73 -1.18 0.00	39.41 -1.31 0.00	41.64 -1.65 0.00	34.28 -1.52 0.00	38.77 -1.94 0.00	49.28 -3.00 0.00	45.10 -2.92 0.00	53.22 -3.74 0.00	60.91 -4.57 0.22	51.83 -3.72 0.56	59.21 -3.07 0.00	68.68 -3.36 0.00	104.74 -5.04 0.00	45.39 -2.55 0.00	42.47 -2.02 0.00
ROCKVIEW_13_KV_LD 356306	31.17 1.69 0.00	34.14 1.79 0.00	32.42 1.61 0.00	33.39 1.61 0.00	32.98 1.58 0.00	36.27 1.64 0.00	44.66 2.31 0.00	55.36 3.24 0.00	168.97 9.66 0.00	31.76 1.84 0.00	43.24 2.51 0.00	46.20 2.91 0.00	38.30 2.50 0.00	43.50 2.80 0.00	55.95 3.67 0.00	51.60 3.58 0.00	61.27 4.31 0.00	70.59 4.91 0.00	59.93 3.82 0.00	66.69 4.41 0.00	76.57 4.54 0.00	116.22 6.44 0.00	50.60 2.66 0.00	46.90 2.41 0.00
ROME____115KV_TB2 80656	30.11 0.62 0.00	33.07 0.71 0.00	31.49 0.68 0.00	32.46 0.67 0.00	32.07 0.66 0.00	35.43 0.80 0.00	43.51 1.16 0.00	53.79 1.67 0.00	164.67 5.36 0.00	30.91 1.00 0.00	42.08 1.35 0.00	44.63 1.34 0.00	36.75 0.95 0.00	41.67 0.97 0.00	53.33 1.05 0.00	49.02 1.00 0.00	58.20 1.24 0.00	67.48 1.79 0.00	57.81 1.71 0.00	64.43 2.16 0.00	74.42 2.38 0.00	113.37 3.59 0.00	49.26 1.32 0.00	45.64 1.15 0.00
ROSETON___1 23587	30.76 1.27 0.00	33.69 1.34 0.00	32.00 1.19 0.00	32.98 1.20 0.00	32.55 1.14 0.00	35.82 1.19 0.00	44.05 1.70 0.00	54.55 2.44 0.00	166.52 7.21 0.00	31.26 1.35 0.00	42.54 1.82 0.00	45.43 2.14 0.00	37.64 1.84 0.00	42.75 2.05 0.00	55.04 2.76 0.00	50.72 2.70 0.00	60.22 3.26 0.00	69.41 3.73 0.00	58.95 2.85 0.00	65.65 3.38 0.00	75.38 3.34 0.00	114.56 4.78 0.00	49.95 2.01 0.00	46.33 1.83 0.00
ROSETON___2 23588	30.76 1.27 0.00	33.69 1.34 0.00	32.00 1.19 0.00	32.98 1.20 0.00	32.55 1.14 0.00	35.82 1.19 0.00	44.05 1.70 0.00	54.55 2.44 0.00	166.52 7.21 0.00	31.26 1.35 0.00	42.54 1.82 0.00	45.43 2.14 0.00	37.64 1.84 0.00	42.75 2.05 0.00	55.04 2.76 0.00	50.72 2.70 0.00	60.22 3.26 0.00	69.41 3.73 0.00	58.95 2.85 0.00	65.65 3.38 0.00	75.38 3.34 0.00	114.56 4.78 0.00	49.95 2.01 0.00	46.33 1.83 0.00
ROTRRDAM_115KV_TB3 80664	30.28 0.80 0.00	33.18 0.82 0.00	31.54 0.73 0.00	32.51 0.72 0.00	32.11 0.70 0.00	35.38 0.76 0.00	43.39 1.04 0.00	53.48 1.36 0.00	163.16 3.85 0.00	30.58 0.67 0.00	41.53 0.80 0.00	44.18 0.89 0.00	36.54 0.75 0.00	41.63 0.92 0.00	53.61 1.33 0.00	49.21 1.19 0.00	58.41 1.45 0.00	67.39 1.71 0.00	57.57 1.47 0.00	64.06 1.78 0.00	73.87 1.84 0.00	112.56 2.78 0.00	49.19 1.25 0.00	45.55 1.06 0.00
RUSSELL___1 23602	28.02 -1.46 0.00	30.77 -1.59 0.00	29.31 -1.50 0.00	30.33 -1.45 0.00	29.98 -1.43 0.00	33.23 -1.40 0.00	40.39 -1.96 0.00	50.04 -2.07 0.00	153.31 -6.00 0.00	28.88 -1.03 0.00	39.63 -1.10 0.00	41.86 -1.43 0.00	34.45 -1.35 0.00	38.97 -1.73 0.00	49.53 -2.75 0.00	45.32 -2.70 0.00	53.50 -3.46 0.00	61.24 -4.24 0.22	52.12 -3.43 0.56	59.55 -2.72 0.00	69.05 -2.98 0.00	105.35 -4.43 0.00	45.62 -2.32 0.00	42.67 -1.82 0.00
RUSSELL___2 23532	28.02 -1.46 0.00	30.77 -1.59 0.00	29.31 -1.50 0.00	30.33 -1.45 0.00	29.98 -1.43 0.00	33.23 -1.40 0.00	40.39 -1.96 0.00	50.04 -2.07 0.00	153.31 -6.00 0.00	28.88 -1.03 0.00	39.63 -1.10 0.00	41.86 -1.43 0.00	34.45 -1.35 0.00	38.97 -1.73 0.00	49.53 -2.75 0.00	45.32 -2.70 0.00	53.50 -3.46 0.00	61.24 -4.24 0.22	52.12 -3.43 0.56	59.55 -2.72 0.00	69.05 -2.98 0.00	105.35 -4.43 0.00	45.62 -2.32 0.00	42.67 -1.82 0.00
RUSSELL___3 23549	28.02 -1.46 0.00	30.77 -1.59 0.00	29.31 -1.50 0.00	30.33 -1.45 0.00	29.98 -1.43 0.00	33.23 -1.40 0.00	40.39 -1.96 0.00	50.04 -2.07 0.00	153.31 -6.00 0.00	28.88 -1.03 0.00	39.63 -1.10 0.00	41.86 -1.43 0.00	34.45 -1.35 0.00	38.97 -1.73 0.00	49.53 -2.75 0.00	45.32 -2.70 0.00	53.50 -3.46 0.00	61.24 -4.24 0.22	52.12 -3.43 0.56	59.55 -2.72 0.00	69.05 -2.98 0.00	105.35 -4.43 0.00	45.62 -2.32 0.00	42.67 -1.82 0.00
RUSSELL___4 23556	28.02 -1.46 0.00	30.77 -1.59 0.00	29.31 -1.50 0.00	30.33 -1.45 0.00	29.98 -1.43 0.00	33.23 -1.40 0.00	40.39 -1.96 0.00	50.04 -2.07 0.00	153.31 -6.00 0.00	28.88 -1.03 0.00	39.63 -1.10 0.00	41.86 -1.43 0.00	34.45 -1.35 0.00	38.97 -1.73 0.00	49.53 -2.75 0.00	45.32 -2.70 0.00	53.50 -3.46 0.00	61.24 -4.24 0.22	52.12 -3.43 0.56	59.55 -2.72 0.00	69.05 -2.98 0.00	105.35 -4.43 0.00	45.62 -2.32 0.00	42.67 -1.82 0.00
RUSSELL___STATION 23914	28.02 -1.46 0.00	30.77 -1.59 0.00	29.31 -1.50 0.00	30.33 -1.45 0.00	29.98 -1.43 0.00	33.23 -1.40 0.00	40.39 -1.96 0.00	50.04 -2.07 0.00	153.31 -6.00 0.00	28.88 -1.03 0.00	39.63 -1.10 0.00	41.86 -1.43 0.00	34.45 -1.35 0.00	38.97 -1.73 0.00	49.53 -2.75 0.00	45.32 -2.70 0.00	53.50 -3.46 0.00	61.24 -4.24 0.22	52.12 -3.43 0.56	59.55 -2.72 0.00	69.05 -2.98 0.00	105.35 -4.43 0.00	45.62 -2.32 0.00	42.67 -1.82 0.00
S SALMON___HYD 24043	28.57 -0.91 0.00	31.44 -0.92 0.00	29.94 -0.87 0.00	30.88 -0.90 0.00	30.53 -0.88 0.00	33.72 -0.91 0.00	41.30 -1.05 0.00	50.91 -1.20 0.00	155.50 -3.81 0.00	29.18 -0.73 0.00	39.74 -0.99 0.00	42.15 -1.14 0.00	34.79 -1.01 0.00	39.46 -1.24 0.00	50.62 -1.66 0.00	46.51 -1.51 0.00	55.26 -1.70 0.00	63.86 -1.83 0.00	54.58 -1.52 0.00	60.93 -1.34 0.00	70.54 -1.50 0.00	107.56 -2.22 0.00	46.75 -1.19 0.00	43.36 -1.13 0.00
S.PERRY__115KV_TB1 80734	28.54 -0.94 0.00	31.38 -0.97 0.00	29.95 -0.86 0.00	31.03 -0.75 0.00	30.78 -0.63 0.00	34.19 -0.44 0.00	41.68 -0.67 0.00	51.84 -0.27 0.00	158.38 -0.93 0.00	29.72 -0.19 0.00	40.59 -0.14 0.00	42.77 -0.52 0.00	35.16 -0.64 0.00	39.66 -1.04 0.00	50.37 -1.91 0.00	46.21 -1.80 0.00	54.59 -2.37 0.00	62.18 -2.87 0.64	52.72 -1.96 1.43	61.45 -0.82 0.00	71.32 -0.71 0.00	108.79 -0.99 0.00	46.95 -1.00 0.00	43.90 -0.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.90 -2.58 0.00	29.59 -2.76 0.00	28.23 -2.58 0.00	29.30 -2.49 0.00	28.93 -2.47 0.00	32.09 -2.54 0.00	38.69 -3.66 0.00	47.98 -4.13 0.00	147.19 -12.12 0.00	27.77 -2.14 0.00	38.37 -2.35 0.00	40.38 -2.91 0.00	33.15 -2.65 0.00	37.39 -3.31 0.00	47.19 -5.09 0.00	43.08 -4.93 0.00	50.67 -6.29 0.00	57.42 -7.71 0.57	48.87 -6.30 0.94	56.81 -5.46 0.00	65.97 -6.07 0.00	100.91 -8.87 0.00	43.67 -4.27 0.00	41.17 -3.32 0.00

SAWYER___23_KV_LOAD 55526	26.90 -2.58 0.00	29.59 -2.76 0.00	28.23 -2.58 0.00	29.30 -2.49 0.00	28.93 -2.47 0.00	32.09 -2.54 0.00	38.69 -3.66 0.00	47.98 -4.13 0.00	147.19 -12.12 0.00	27.77 -2.14 0.00	38.37 -2.35 0.00	40.38 -2.91 0.00	33.15 -2.65 0.00	37.39 -3.31 0.00	47.19 -5.09 0.00	43.08 -4.93 0.00	50.67 -6.29 0.00	57.42 -7.71 0.57	48.87 -6.30 0.94	56.81 -5.46 0.00	65.97 -6.07 0.00	100.91 -8.87 0.00	43.67 -4.27 0.00	41.17 -3.32 0.00
SELKIRK___I 23801	30.22 0.74 0.00	33.13 0.78 0.00	31.49 0.68 0.00	32.46 0.67 0.00	32.04 0.63 0.00	35.28 0.65 0.00	43.18 0.83 0.00	53.08 0.97 0.00	161.89 2.58 0.00	30.27 0.36 0.00	41.11 0.39 0.00	43.77 0.48 0.00	36.24 0.44 0.00	41.22 0.51 0.00	53.04 0.76 0.00	48.83 0.82 0.00	58.07 1.11 0.00	67.10 1.41 0.00	57.25 1.14 0.00	63.69 1.42 0.00	73.39 1.36 0.00	111.89 2.11 0.00	48.93 0.99 0.00	45.33 0.84 0.00
SELKIRK___II 23799	30.06 0.58 0.00	32.94 0.59 0.00	31.31 0.49 0.00	32.26 0.48 0.00	31.85 0.44 0.00	35.08 0.45 0.00	42.98 0.63 0.00	52.98 0.87 0.00	161.37 2.06 0.00	30.26 0.35 0.00	41.02 0.29 0.00	43.66 0.37 0.00	36.23 0.43 0.00	41.24 0.53 0.00	53.09 0.81 0.00	48.83 0.81 0.00	58.00 1.04 0.00	66.96 1.27 0.00	57.05 0.94 0.00	63.39 1.12 0.00	73.07 1.04 0.00	111.36 1.57 0.00	48.70 0.76 0.00	45.10 0.61 0.00
SENECA OSWGO___HYD 24041	28.50 -0.98 0.00	31.33 -1.02 0.00	29.84 -0.98 0.00	30.79 -0.99 0.00	30.43 -0.98 0.00	33.60 -1.03 0.00	41.08 -1.27 0.00	50.68 -1.43 0.00	154.79 -4.52 0.00	29.09 -0.82 0.00	39.61 -1.11 0.00	42.04 -1.25 0.00	34.71 -1.09 0.00	39.43 -1.28 0.00	50.55 -1.73 0.00	46.41 -1.61 0.00	55.03 -1.93 0.00	63.56 -2.13 0.00	54.24 -1.86 0.00	60.48 -1.79 0.00	69.94 -2.09 0.00	106.57 -3.21 0.00	46.39 -1.56 0.00	43.09 -1.41 0.00
SENECA___115KV_TB3 355854	27.30 -2.18 0.00	30.06 -2.30 0.00	28.66 -2.15 0.00	29.74 -2.04 0.00	29.36 -2.05 0.00	32.55 -2.08 0.00	39.30 -3.05 0.00	48.79 -3.32 0.00	149.58 -9.72 0.00	28.25 -1.66 0.00	39.02 -1.70 0.00	41.05 -2.24 0.00	33.71 -2.09 0.00	38.03 -2.68 0.00	48.01 -4.27 0.00	43.84 -4.18 0.00	51.55 -5.40 0.00	58.47 -6.64 0.59	49.67 -5.42 1.01	57.80 -4.47 0.00	67.02 -5.01 0.00	102.58 -7.20 0.00	44.33 -3.61 0.00	41.79 -2.71 0.00
SENECA___ENERGY 23797	28.53 -0.95 0.00	31.40 -0.96 0.00	29.84 -0.97 0.00	30.87 -0.92 0.00	30.52 -0.89 0.00	33.74 -0.88 0.00	41.27 -1.08 0.00	50.96 -1.15 0.00	155.35 -3.96 0.00	29.27 -0.64 0.00	39.99 -0.73 0.00	42.37 -0.92 0.00	34.90 -0.90 0.00	39.55 -1.15 0.00	50.53 -1.75 0.00	46.36 -1.66 0.00	54.78 -2.18 0.00	63.14 -2.55 0.00	53.99 -2.12 0.00	60.58 -1.70 0.00	69.97 -2.07 0.00	106.71 -3.07 0.00	46.45 -1.50 0.00	43.21 -1.28 0.00
SHOEMAKER___GT 23640	30.63 1.15 0.00	33.57 1.21 0.00	31.89 1.08 0.00	32.87 1.08 0.00	32.45 1.04 0.00	35.72 1.09 0.00	43.89 1.54 0.00	54.31 2.19 0.00	165.62 6.31 0.00	31.05 1.14 0.00	42.26 1.53 0.00	45.12 1.84 0.00	37.36 1.56 0.00	42.51 1.80 0.00	54.77 2.49 0.00	50.40 2.38 0.00	59.80 2.84 0.00	69.06 3.37 0.00	58.69 2.58 0.00	65.41 3.13 0.00	75.15 3.12 0.00	114.21 4.43 0.00	49.78 1.84 0.00	46.18 1.69 0.00
SHOEMAKR_138KV_BK 111 55601	30.63 1.15 0.00	33.57 1.21 0.00	31.89 1.08 0.00	32.87 1.08 0.00	32.45 1.04 0.00	35.71 1.09 0.00	43.90 1.55 0.00	54.34 2.23 0.00	165.77 6.46 0.00	31.08 1.17 0.00	42.30 1.58 0.00	45.18 1.89 0.00	37.41 1.61 0.00	42.53 1.83 0.00	54.78 2.51 0.00	50.44 2.42 0.00	59.86 2.90 0.00	69.07 3.39 0.00	58.72 2.61 0.00	65.42 3.15 0.00	75.16 3.13 0.00	114.22 4.44 0.00	49.79 1.84 0.00	46.19 1.69 0.00
SHOREHAM_IC_1 23715	32.04 2.46 -0.10	34.72 2.65 0.29	33.39 2.62 0.04	34.86 2.75 -0.33	35.48 2.68 -1.39	40.77 2.67 -3.47	46.00 3.52 -0.13	56.68 4.57 0.00	172.14 12.83 0.00	32.70 2.60 -0.18	43.76 3.11 0.07	49.70 3.55 -2.86	41.46 3.03 -2.64	45.81 3.32 -1.78	56.57 4.29 0.00	53.93 4.20 -1.72	69.19 5.39 -6.83	91.59 6.45 -19.44	83.79 5.50 -22.18	81.75 6.52 -12.96	85.88 6.89 -6.96	133.69 10.18 -13.72	56.92 4.21 -4.77	48.12 3.63 0.00
SHOREHAM_IC_2 23716	32.04 2.46 -0.10	34.74 2.68 0.29	33.34 2.57 0.04	34.81 2.69 -0.33	35.44 2.64 -1.39	40.77 2.67 -3.47	46.00 3.52 -0.13	56.69 4.57 0.00	172.08 12.77 0.00	32.69 2.60 -0.18	43.74 3.08 0.07	49.69 3.55 -2.86	41.45 3.02 -2.64	45.81 3.32 -1.78	56.56 4.29 0.00	53.92 4.18 -1.72	69.19 5.39 -6.83	91.58 6.45 -19.44	83.79 5.51 -22.18	81.75 6.51 -12.96	85.88 6.88 -6.96	133.69 10.19 -13.72	56.92 4.21 -4.77	48.12 3.63 0.00
SISSONVILLE____ 23735	28.94 -0.54 0.00	31.75 -0.61 0.00	30.32 -0.49 0.00	31.32 -0.47 0.00	31.04 -0.37 0.00	34.29 -0.34 0.00	41.89 -0.46 0.00	51.01 -1.11 0.00	156.39 -2.92 0.00	29.27 -0.64 0.00	39.85 -0.88 0.00	42.25 -1.04 0.00	34.90 -0.89 0.00	39.71 -1.00 0.00	50.98 -1.30 0.00	46.85 -1.17 0.00	55.80 -1.16 0.00	64.08 -1.61 0.00	55.21 -0.90 0.00	61.23 -1.04 0.00	71.07 -0.97 0.00	108.40 -1.39 0.00	47.53 -0.41 0.00	44.04 -0.45 0.00
SITHE_IND_GS1 24169	28.34 -1.14 0.00	31.18 -1.17 0.00	29.68 -1.13 0.00	30.64 -1.14 0.00	30.28 -1.13 0.00	33.41 -1.22 0.00	40.81 -1.54 0.00	50.27 -1.84 0.00	153.63 -5.68 0.00	28.88 -1.03 0.00	39.34 -1.39 0.00	41.77 -1.52 0.00	34.49 -1.31 0.00	39.19 -1.52 0.00	50.24 -2.04 0.00	46.13 -1.89 0.00	54.68 -2.28 0.00	63.06 -2.64 0.00	53.83 -2.28 0.00	59.99 -2.29 0.00	69.36 -2.67 0.00	105.70 -4.08 0.00	46.07 -1.88 0.00	42.81 -1.68 0.00
SITHE_IND_GS2 24170	28.34 -1.14 0.00	31.18 -1.17 0.00	29.68 -1.13 0.00	30.64 -1.14 0.00	30.28 -1.13 0.00	33.41 -1.22 0.00	40.81 -1.54 0.00	50.27 -1.84 0.00	153.63 -5.68 0.00	28.88 -1.03 0.00	39.34 -1.39 0.00	41.77 -1.52 0.00	34.49 -1.31 0.00	39.19 -1.52 0.00	50.24 -2.04 0.00	46.13 -1.89 0.00	54.68 -2.28 0.00	63.06 -2.64 0.00	53.83 -2.28 0.00	59.99 -2.29 0.00	69.36 -2.67 0.00	105.70 -4.08 0.00	46.07 -1.88 0.00	42.81 -1.68 0.00
SITHE_IND_GS3 24171	28.34 -1.14 0.00	31.18 -1.17 0.00	29.68 -1.13 0.00	30.64 -1.14 0.00	30.28 -1.13 0.00	33.41 -1.22 0.00	40.81 -1.54 0.00	50.27 -1.84 0.00	153.63 -5.68 0.00	28.88 -1.03 0.00	39.34 -1.39 0.00	41.77 -1.52 0.00	34.49 -1.31 0.00	39.19 -1.52 0.00	50.24 -2.04 0.00	46.13 -1.89 0.00	54.68 -2.28 0.00	63.06 -2.64 0.00	53.83 -2.28 0.00	59.99 -2.29 0.00	69.36 -2.67 0.00	105.70 -4.08 0.00	46.07 -1.88 0.00	42.81 -1.68 0.00
SITHE_IND_GS4 24172	28.34 -1.14 0.00	31.18 -1.17 0.00	29.68 -1.13 0.00	30.64 -1.14 0.00	30.28 -1.13 0.00	33.41 -1.22 0.00	40.81 -1.54 0.00	50.27 -1.84 0.00	153.63 -5.68 0.00	28.88 -1.03 0.00	39.34 -1.39 0.00	41.77 -1.52 0.00	34.49 -1.31 0.00	39.19 -1.52 0.00	50.24 -2.04 0.00	46.13 -1.89 0.00	54.68 -2.28 0.00	63.06 -2.64 0.00	53.83 -2.28 0.00	59.99 -2.29 0.00	69.36 -2.67 0.00	105.70 -4.08 0.00	46.07 -1.88 0.00	42.81 -1.68 0.00

SITHE___BATAVIA 24024	27.73 -1.75 0.00	30.46 -1.89 0.00	29.02 -1.79 0.00	30.10 -1.68 0.00	29.75 -1.66 0.00	33.05 -1.58 0.00	40.05 -2.30 0.00	49.76 -2.35 0.00	152.53 -6.78 0.00	28.74 -1.17 0.00	39.53 -1.20 0.00	41.59 -1.69 0.00	34.10 -1.70 0.00	38.39 -2.31 0.00	48.54 -3.74 0.00	44.49 -3.53 0.00	52.38 -4.58 0.00	59.67 -5.64 0.38	50.94 -4.43 0.73	58.85 -3.42 0.00	68.50 -3.53 0.00	104.68 -5.10 0.00	45.27 -2.67 0.00	42.52 -1.97 0.00
SITHE___INDEPEND 23800	28.34 -1.14 0.00	31.18 -1.18 0.00	29.68 -1.13 0.00	30.64 -1.14 0.00	30.28 -1.13 0.00	33.41 -1.22 0.00	40.81 -1.54 0.00	50.27 -1.84 0.00	153.63 -5.68 0.00	28.88 -1.03 0.00	39.34 -1.39 0.00	41.77 -1.52 0.00	34.50 -1.30 0.00	39.19 -1.52 0.00	50.24 -2.04 0.00	46.13 -1.89 0.00	54.68 -2.27 0.00	63.07 -2.63 0.00	53.83 -2.28 0.00	59.98 -2.29 0.00	69.36 -2.68 0.00	105.70 -4.09 0.00	46.07 -1.88 0.00	42.81 -1.68 0.00
SITHE___MASSENA 23902	29.66 0.18 0.00	32.52 0.17 0.00	31.05 0.24 0.00	32.08 0.30 0.00	31.76 0.36 0.00	35.09 0.46 0.00	42.79 0.44 0.00	52.13 0.02 0.00	159.91 0.60 0.00	29.96 0.04 0.00	40.82 0.10 0.00	43.32 0.04 0.00	35.82 0.02 0.00	40.77 0.07 0.00	52.30 0.03 0.00	48.00 -0.02 0.00	57.10 0.13 0.00	65.56 -0.13 0.00	56.44 0.33 0.00	62.51 0.24 0.00	72.50 0.46 0.00	110.57 0.79 0.00	48.48 0.54 0.00	44.99 0.50 0.00
SITHE___OGDNSBRG 24021	29.84 0.36 0.00	32.73 0.37 0.00	31.25 0.44 0.00	32.30 0.51 0.00	32.01 0.60 0.00	35.41 0.78 0.00	43.25 0.89 0.00	52.60 0.49 0.00	161.22 1.91 0.00	30.14 0.23 0.00	41.01 0.28 0.00	43.39 0.10 0.00	35.79 -0.01 0.00	40.67 -0.04 0.00	52.23 -0.05 0.00	48.09 0.07 0.00	57.20 0.24 0.00	65.78 0.08 0.00	56.73 0.63 0.00	63.04 0.77 0.00	73.32 1.29 0.00	111.77 1.99 0.00	48.94 1.00 0.00	45.36 0.86 0.00
SITHE___STERLING 23777	29.88 0.40 0.00	32.82 0.47 0.00	31.24 0.43 0.00	32.23 0.44 0.00	31.84 0.43 0.00	35.16 0.53 0.00	43.14 0.78 0.00	53.28 1.17 0.00	163.02 3.71 0.00	30.60 0.68 0.00	41.65 0.92 0.00	44.18 0.90 0.00	36.40 0.60 0.00	41.30 0.60 0.00	52.91 0.63 0.00	48.65 0.63 0.00	57.69 0.73 0.00	66.85 1.16 0.00	57.24 1.13 0.00	63.79 1.52 0.00	73.65 1.61 0.00	112.20 2.43 0.00	48.79 0.85 0.00	45.23 0.74 0.00
SLEIGHT__34_KV_TB1 80719	28.15 -1.33 0.00	30.93 -1.43 0.00	29.42 -1.40 0.00	30.45 -1.33 0.00	30.11 -1.30 0.00	33.33 -1.30 0.00	40.70 -1.66 0.00	50.31 -1.81 0.00	153.91 -5.40 0.00	28.94 -0.96 0.00	39.61 -1.11 0.00	41.90 -1.39 0.00	34.51 -1.29 0.00	39.09 -1.62 0.00	49.88 -2.40 0.00	45.68 -2.34 0.00	54.01 -2.95 0.00	62.11 -3.49 0.10	52.94 -2.88 0.28	59.94 -2.34 0.00	69.43 -2.60 0.00	105.83 -3.95 0.00	45.89 -2.05 0.00	42.78 -1.71 0.00
SMITHTWN_69_KV_BK 1 55830	32.08 2.50 -0.10	34.82 2.74 0.27	33.36 2.57 0.02	34.77 2.63 -0.35	35.38 2.56 -1.42	40.74 2.57 -3.54	45.85 3.37 -0.13	56.55 4.43 0.00	171.78 12.48 0.00	32.63 2.53 -0.19	43.81 3.10 0.02	49.84 3.61 -2.94	41.59 3.10 -2.68	45.95 3.43 -1.82	56.78 4.50 0.00	54.11 4.34 -1.75	69.38 5.46 -6.96	91.75 6.45 -19.60	83.79 5.36 -22.32	81.57 6.29 -13.01	85.67 6.59 -7.03	133.30 9.72 -13.80	56.72 3.99 -4.79	47.95 3.46 0.00
SOUTH CAIRO___GT 23612	30.81 1.33 0.00	33.74 1.39 0.00	32.04 1.23 0.00	33.02 1.24 0.00	32.61 1.20 0.00	35.98 1.35 0.00	44.17 1.82 0.00	54.31 2.19 0.00	165.10 5.79 0.00	30.74 0.83 0.00	41.96 1.24 0.00	44.70 1.41 0.00	36.97 1.18 0.00	42.04 1.34 0.00	54.08 1.80 0.00	49.82 1.80 0.00	59.18 2.21 0.00	68.72 3.03 0.00	58.70 2.59 0.00	65.53 3.26 0.00	75.56 3.52 0.00	114.95 5.17 0.00	50.13 2.19 0.00	46.31 1.81 0.00
SOUTH HAMPTN___IC 23720	31.95 2.37 -0.10	34.62 2.57 0.30	33.42 2.67 0.06	35.13 3.02 -0.32	35.82 3.03 -1.38	41.19 3.12 -3.43	46.61 4.13 -0.13	57.47 5.36 0.00	174.37 15.06 0.00	33.12 3.03 -0.18	44.31 3.69 0.10	50.27 4.17 -2.81	41.92 3.51 -2.61	46.35 3.88 -1.77	57.27 5.00 0.00	54.56 4.84 -1.70	69.93 6.20 -6.77	92.47 7.41 -19.37	84.54 6.31 -22.12	82.69 7.48 -12.94	87.00 8.05 -6.92	135.42 11.95 -13.69	57.65 4.94 -4.77	48.75 4.26 0.00
SOUTHDOW_115KV_TB1 355954	28.47 -1.01 0.00	31.43 -0.92 0.00	29.90 -0.91 0.00	31.02 -0.76 0.00	30.53 -0.88 0.00	33.96 -0.67 0.00	41.28 -1.07 0.00	51.58 -0.54 0.00	158.31 -1.00 0.00	29.80 -0.11 0.00	41.18 0.46 0.00	43.44 0.16 0.00	35.66 -0.14 0.00	40.21 -0.49 0.00	50.65 -1.63 0.00	46.08 -1.94 0.00	54.01 -2.96 0.00	61.21 -3.84 0.64	51.67 -3.26 1.18	60.43 -1.85 0.00	69.82 -2.22 0.00	106.87 -2.91 0.00	45.97 -1.97 0.00	43.10 -1.39 0.00
SOUTHOLD_69_KV_BK 2 55809	31.66 2.08 -0.10	34.36 2.31 0.30	33.25 2.50 0.06	35.24 3.13 -0.32	36.01 3.22 -1.38	41.49 3.43 -3.44	47.09 4.61 -0.13	58.10 5.99 0.00	175.73 16.43 0.00	33.46 3.36 -0.18	44.73 4.11 0.10	50.73 4.63 -2.81	42.27 3.86 -2.61	46.74 4.27 -1.77	57.77 5.49 0.00	54.87 5.15 -1.70	70.47 6.74 -6.77	93.18 8.12 -19.37	85.15 6.91 -22.13	83.37 8.16 -12.94	87.90 8.94 -6.92	136.78 13.31 -13.69	58.23 5.52 -4.77	49.24 4.75 0.00
SOUTHOLD___IC 23719	31.66 2.08 -0.10	34.34 2.29 0.30	33.31 2.55 0.06	35.28 3.18 -0.32	36.05 3.26 -1.38	41.50 3.44 -3.44	47.09 4.61 -0.13	58.09 5.98 0.00	175.91 16.60 0.00	33.46 3.36 -0.18	44.76 4.13 0.10	50.74 4.63 -2.81	42.30 3.88 -2.61	46.75 4.28 -1.77	57.77 5.50 0.00	54.88 5.16 -1.70	70.48 6.74 -6.77	93.19 8.12 -19.37	85.13 6.90 -22.13	83.37 8.16 -12.94	87.90 8.95 -6.92	136.83 13.36 -13.69	58.23 5.52 -4.77	49.25 4.75 0.00
SOUTH_FORK_WT_PWR 323839	31.23 1.64 -0.10	33.89 1.84 0.30	33.02 2.26 0.06	35.23 3.12 -0.32	36.07 3.28 -1.38	41.56 3.50 -3.43	47.20 4.72 -0.13	58.26 6.14 0.00	176.55 17.24 0.00	33.55 3.46 -0.18	44.87 4.25 0.10	50.85 4.75 -2.81	42.36 3.95 -2.61	46.83 4.36 -1.77	57.88 5.60 0.00	55.03 5.32 -1.70	70.56 6.83 -6.77	93.29 8.23 -19.37	85.20 6.97 -22.12	83.45 8.24 -12.94	88.08 9.12 -6.92	137.17 13.70 -13.69	58.39 5.68 -4.77	49.39 4.90 0.00
SPIERFLS_115KV_TB 1 80737	30.73 1.25 0.00	33.61 1.26 0.00	31.83 1.02 0.00	32.81 1.03 0.00	32.47 1.05 0.00	35.88 1.25 0.00	44.16 1.81 0.00	54.45 2.34 0.00	165.97 6.66 0.00	31.00 1.09 0.00	42.08 1.35 0.00	44.87 1.58 0.00	37.18 1.38 0.00	42.52 1.81 0.00	54.63 2.35 0.00	50.06 2.04 0.00	59.29 2.33 0.00	68.49 2.80 0.00	58.61 2.50 0.00	65.30 3.03 0.00	75.38 3.34 0.00	114.89 5.11 0.00	50.16 2.22 0.00	46.21 1.72 0.00
ST LAWRENCE____ 23600	29.45 -0.03 0.00	32.30 -0.05 0.00	30.83 0.02 0.00	31.84 0.05 0.00	31.51 0.10 0.00	34.79 0.16 0.00	42.43 0.08 0.00	51.82 -0.29 0.00	158.71 -0.60 0.00	29.74 -0.17 0.00	40.55 -0.17 0.00	43.05 -0.24 0.00	35.60 -0.20 0.00	40.53 -0.18 0.00	51.99 -0.29 0.00	47.69 -0.33 0.00	56.60 -0.36 0.00	65.24 -0.45 0.00	56.11 0.00 0.00	62.11 -0.16 0.00	72.07 0.03 0.00	109.84 0.06 0.00	47.99 0.05 0.00	44.52 0.03 0.00

STATE_CA_115KV_115_LB 55624	30.12 0.64 0.00	32.99 0.64 0.00	31.36 0.55 0.00	32.28 0.50 0.00	31.88 0.47 0.00	35.13 0.50 0.00	43.06 0.71 0.00	53.11 1.00 0.00	161.67 2.36 0.00	30.33 0.42 0.00	41.06 0.33 0.00	43.57 0.28 0.00	36.20 0.40 0.00	41.23 0.52 0.00	53.23 0.95 0.00	48.93 0.91 0.00	58.12 1.16 0.00	67.10 1.41 0.00	57.19 1.09 0.00	63.53 1.26 0.00	73.23 1.20 0.00	111.56 1.78 0.00	48.77 0.84 0.00	45.15 0.66 0.00
STATE_ST_34_KV_LOAD 55959	29.10 -0.39 0.00	32.00 -0.36 0.00	30.34 -0.47 0.00	31.41 -0.38 0.00	31.06 -0.35 0.00	34.26 -0.37 0.00	41.98 -0.37 0.00	51.63 -0.48 0.00	157.75 -1.56 0.00	29.64 -0.27 0.00	40.40 -0.33 0.00	42.81 -0.48 0.00	35.28 -0.51 0.00	40.06 -0.64 0.00	51.34 -0.93 0.00	47.09 -0.92 0.00	55.78 -1.18 0.00	64.63 -1.23 -0.16	55.45 -1.04 -0.38	61.86 -0.42 0.00	71.43 -0.60 0.00	108.91 -0.87 0.00	47.39 -0.55 0.00	44.03 -0.46 0.00
STATION_5_MISC_HYD 23604	27.89 -1.59 0.00	30.64 -1.71 0.00	29.18 -1.63 0.00	30.21 -1.57 0.00	29.86 -1.55 0.00	33.09 -1.54 0.00	40.21 -2.14 0.00	49.79 -2.32 0.00	152.46 -6.85 0.00	28.72 -1.19 0.00	39.41 -1.31 0.00	41.64 -1.65 0.00	34.27 -1.53 0.00	38.76 -1.94 0.00	49.28 -3.00 0.00	45.08 -2.94 0.00	53.22 -3.74 0.00	60.90 -4.57 0.22	51.83 -3.72 0.56	59.21 -3.06 0.00	68.68 -3.35 0.00	104.74 -5.04 0.00	45.39 -2.55 0.00	42.46 -2.03 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.24 -1.24 0.00	31.04 -1.31 0.00	29.56 -1.25 0.00	30.58 -1.20 0.00	30.25 -1.16 0.00	33.49 -1.14 0.00	40.85 -1.50 0.00	50.54 -1.57 0.00	154.39 -4.92 0.00	29.09 -0.82 0.00	39.81 -0.91 0.00	42.12 -1.17 0.00	34.67 -1.13 0.00	39.25 -1.46 0.00	50.03 -2.25 0.00	45.84 -2.18 0.00	54.15 -2.81 0.00	62.08 -3.38 0.23	52.77 -2.75 0.58	60.05 -2.22 0.00	69.52 -2.51 0.00	105.99 -3.80 0.00	46.01 -1.93 0.00	42.92 -1.57 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.79 -1.69 0.00	30.53 -1.82 0.00	29.09 -1.72 0.00	30.11 -1.68 0.00	29.76 -1.65 0.00	32.96 -1.67 0.00	40.09 -2.26 0.00	49.63 -2.49 0.00	152.04 -7.27 0.00	28.64 -1.28 0.00	39.27 -1.45 0.00	41.51 -1.78 0.00	34.17 -1.62 0.00	38.66 -2.04 0.00	49.16 -3.12 0.00	45.02 -3.00 0.00	53.13 -3.83 0.00	60.82 -4.66 0.21	51.77 -3.80 0.54	59.05 -3.22 0.00	68.47 -3.57 0.00	104.40 -5.38 0.00	45.27 -2.67 0.00	42.31 -2.19 0.00
STA_56___34_KV_BUS2 355983	27.79 -1.69 0.00	30.53 -1.82 0.00	29.09 -1.72 0.00	30.11 -1.68 0.00	29.76 -1.65 0.00	32.96 -1.67 0.00	40.09 -2.26 0.00	49.63 -2.49 0.00	152.04 -7.27 0.00	28.64 -1.28 0.00	39.27 -1.45 0.00	41.51 -1.78 0.00	34.17 -1.62 0.00	38.66 -2.04 0.00	49.16 -3.12 0.00	45.02 -3.00 0.00	53.13 -3.83 0.00	60.82 -4.66 0.21	51.77 -3.80 0.54	59.05 -3.22 0.00	68.47 -3.57 0.00	104.40 -5.38 0.00	45.27 -2.67 0.00	42.31 -2.19 0.00
STA_67___115KV_BK2 355882	27.84 -1.64 0.00	30.57 -1.78 0.00	29.13 -1.68 0.00	30.16 -1.63 0.00	29.81 -1.60 0.00	33.02 -1.61 0.00	40.13 -2.23 0.00	49.67 -2.44 0.00	152.13 -7.18 0.00	28.66 -1.25 0.00	39.32 -1.40 0.00	41.54 -1.75 0.00	34.19 -1.61 0.00	38.67 -2.03 0.00	49.15 -3.13 0.00	44.98 -3.04 0.00	53.09 -3.87 0.00	60.74 -4.73 0.22	51.71 -3.84 0.56	59.05 -3.22 0.00	68.50 -3.54 0.00	104.50 -5.28 0.00	45.30 -2.64 0.00	42.37 -2.11 0.00
STA_7___115KV_9TRANS 80674	28.02 -1.46 0.00	30.77 -1.59 0.00	29.31 -1.50 0.00	30.33 -1.45 0.00	29.98 -1.43 0.00	33.23 -1.40 0.00	40.39 -1.96 0.00	50.04 -2.07 0.00	153.31 -6.00 0.00	28.88 -1.03 0.00	39.63 -1.10 0.00	41.86 -1.43 0.00	34.45 -1.35 0.00	38.97 -1.73 0.00	49.53 -2.75 0.00	45.32 -2.70 0.00	53.50 -3.46 0.00	61.24 -4.24 0.22	52.12 -3.43 0.56	59.55 -2.72 0.00	69.05 -2.98 0.00	105.35 -4.43 0.00	45.62 -2.32 0.00	42.67 -1.82 0.00
STA_82___115KV_TB1 80780	27.84 -1.64 0.00	30.57 -1.78 0.00	29.13 -1.68 0.00	30.16 -1.63 0.00	29.81 -1.60 0.00	33.02 -1.61 0.00	40.13 -2.23 0.00	49.68 -2.43 0.00	152.18 -7.13 0.00	28.66 -1.25 0.00	39.32 -1.40 0.00	41.54 -1.74 0.00	34.19 -1.61 0.00	38.68 -2.03 0.00	49.15 -3.13 0.00	44.98 -3.04 0.00	53.09 -3.87 0.00	60.76 -4.71 0.22	51.71 -3.83 0.56	59.07 -3.20 0.00	68.51 -3.52 0.00	104.51 -5.27 0.00	45.30 -2.64 0.00	42.38 -2.11 0.00
STEEL___WIND 323596	27.28 -2.20 0.00	30.04 -2.32 0.00	28.62 -2.19 0.00	29.72 -2.07 0.00	29.33 -2.08 0.00	32.51 -2.12 0.00	39.26 -3.09 0.00	48.74 -3.38 0.00	149.28 -10.03 0.00	28.22 -1.69 0.00	38.96 -1.76 0.00	40.97 -2.32 0.00	33.65 -2.15 0.00	37.95 -2.75 0.00	47.95 -4.33 0.00	43.77 -4.24 0.00	51.49 -5.47 0.00	58.41 -6.70 0.59	49.60 -5.49 1.01	57.72 -4.55 0.00	66.96 -5.08 0.00	102.49 -7.29 0.00	44.28 -3.66 0.00	41.74 -2.75 0.00
STEPHTWN_115KV_BK_2 55603	30.23 0.75 0.00	33.13 0.78 0.00	31.38 0.57 0.00	32.38 0.60 0.00	32.01 0.60 0.00	35.33 0.70 0.00	43.31 0.96 0.00	53.38 1.27 0.00	162.59 3.28 0.00	30.41 0.50 0.00	41.21 0.49 0.00	43.71 0.42 0.00	36.34 0.54 0.00	41.39 0.68 0.00	53.37 1.09 0.00	49.18 1.16 0.00	58.49 1.53 0.00	67.64 1.95 0.00	57.62 1.51 0.00	63.97 1.70 0.00	73.82 1.78 0.00	112.40 2.62 0.00	49.07 1.13 0.00	45.38 0.89 0.00
STEBEN_REC_LFGE 323667	27.99 -1.50 0.00	30.87 -1.48 0.00	29.53 -1.28 0.00	30.75 -1.04 0.00	30.57 -0.84 0.00	34.05 -0.58 0.00	41.45 -0.90 0.00	51.56 -0.56 0.00	157.62 -1.69 0.00	29.67 -0.24 0.00	40.80 0.08 0.00	42.91 -0.38 0.00	35.27 -0.52 0.00	39.75 -0.96 0.00	50.49 -1.79 0.00	46.26 -1.75 0.00	54.43 -2.53 0.00	60.93 -3.25 1.51	50.27 -2.40 3.43	60.81 -1.46 0.00	70.32 -1.72 0.00	107.39 -2.39 0.00	46.34 -1.60 0.00	43.49 -1.00 0.00
STILLWATER___SOLAR 323814	30.69 1.21 0.00	33.61 1.26 0.00	31.89 1.08 0.00	32.85 1.06 0.00	32.46 1.05 0.00	35.84 1.22 0.00	43.99 1.64 0.00	54.21 2.10 0.00	165.33 6.02 0.00	30.87 0.96 0.00	41.87 1.14 0.00	44.49 1.20 0.00	36.84 1.05 0.00	42.09 1.38 0.00	54.31 2.03 0.00	49.84 1.82 0.00	59.07 2.11 0.00	68.29 2.60 0.00	58.40 2.29 0.00	64.98 2.71 0.00	74.97 2.93 0.00	114.27 4.49 0.00	49.94 2.00 0.00	46.12 1.63 0.00
STONY___BROOK 24151	32.10 2.51 -0.10	34.81 2.73 0.27	33.41 2.62 0.02	34.83 2.69 -0.35	35.43 2.60 -1.41	40.75 2.59 -3.53	45.86 3.38 -0.13	56.56 4.44 0.00	171.85 12.54 0.00	32.63 2.54 -0.19	43.82 3.12 0.03	49.83 3.61 -2.93	41.58 3.10 -2.68	45.93 3.41 -1.81	56.74 4.46 0.00	54.09 4.32 -1.74	69.35 5.44 -6.95	91.68 6.41 -19.57	83.73 5.34 -22.29	81.55 6.29 -12.99	85.66 6.60 -7.02	133.30 9.73 -13.79	56.73 4.00 -4.78	47.98 3.48 0.00
STURGEON_POOL_HYD 23609	30.87 1.39 0.00	33.81 1.45 0.00	32.12 1.32 0.00	33.11 1.33 0.00	32.67 1.26 0.00	35.95 1.32 0.00	44.23 1.87 0.00	54.80 2.69 0.00	167.24 7.93 0.00	31.38 1.47 0.00	42.68 1.96 0.00	45.60 2.31 0.00	37.80 2.01 0.00	42.95 2.24 0.00	55.35 3.07 0.00	51.04 3.02 0.00	60.66 3.70 0.00	69.87 4.18 0.00	59.30 3.19 0.00	66.05 3.77 0.00	75.84 3.80 0.00	115.15 5.37 0.00	50.20 2.25 0.00	46.53 2.04 0.00

ST_LAW_115_BK7_LBMP 345037	29.44 -0.04 0.00	32.28 -0.07 0.00	30.82 0.01 0.00	31.83 0.05 0.00	31.51 0.10 0.00	34.78 0.15 0.00	42.42 0.07 0.00	51.77 -0.34 0.00	158.62 -0.69 0.00	29.71 -0.20 0.00	40.51 -0.21 0.00	43.01 -0.27 0.00	35.57 -0.23 0.00	40.50 -0.20 0.00	51.93 -0.34 0.00	47.66 -0.36 0.00	56.57 -0.39 0.00	65.18 -0.52 0.00	56.08 -0.03 0.00	62.07 -0.20 0.00	72.04 0.01 0.00	109.75 -0.03 0.00	47.97 0.03 0.00	44.52 0.03 0.00
ST_LAW_115_BK8_LBMP 345038	29.44 -0.04 0.00	32.28 -0.07 0.00	30.82 0.01 0.00	31.83 0.05 0.00	31.51 0.10 0.00	34.78 0.15 0.00	42.42 0.07 0.00	51.77 -0.34 0.00	158.62 -0.69 0.00	29.71 -0.20 0.00	40.51 -0.21 0.00	43.01 -0.27 0.00	35.57 -0.23 0.00	40.50 -0.20 0.00	51.93 -0.34 0.00	47.66 -0.36 0.00	56.57 -0.39 0.00	65.18 -0.52 0.00	56.08 -0.03 0.00	62.07 -0.20 0.00	72.04 0.01 0.00	109.75 -0.03 0.00	47.97 0.03 0.00	44.52 0.03 0.00
ST_LAW_230_BK5_LBMP 345035	29.45 -0.03 0.00	32.30 -0.05 0.00	30.83 0.02 0.00	31.84 0.05 0.00	31.51 0.10 0.00	34.79 0.16 0.00	42.43 0.08 0.00	51.82 -0.29 0.00	158.71 -0.60 0.00	29.74 -0.17 0.00	40.55 -0.17 0.00	43.05 -0.24 0.00	35.60 -0.20 0.00	40.53 -0.18 0.00	51.99 -0.29 0.00	47.69 -0.33 0.00	56.60 -0.36 0.00	65.24 -0.45 0.00	56.11 0.00 0.00	62.11 -0.16 0.00	72.07 0.03 0.00	109.84 0.06 0.00	47.99 0.05 0.00	44.52 0.03 0.00
ST_LAW_230_BK6_LBMP 345036	29.45 -0.03 0.00	32.30 -0.05 0.00	30.83 0.02 0.00	31.84 0.05 0.00	31.51 0.10 0.00	34.79 0.16 0.00	42.43 0.08 0.00	51.82 -0.29 0.00	158.71 -0.60 0.00	29.74 -0.17 0.00	40.55 -0.17 0.00	43.05 -0.24 0.00	35.60 -0.20 0.00	40.53 -0.18 0.00	51.99 -0.29 0.00	47.69 -0.33 0.00	56.60 -0.36 0.00	65.24 -0.45 0.00	56.11 0.00 0.00	62.11 -0.16 0.00	72.07 0.03 0.00	109.84 0.06 0.00	47.99 0.05 0.00	44.52 0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.75 1.27 0.00	33.68 1.33 0.00	31.98 1.17 0.00	32.97 1.18 0.00	32.54 1.13 0.00	35.82 1.19 0.00	44.07 1.71 0.00	54.59 2.48 0.00	166.58 7.27 0.00	31.26 1.35 0.00	42.61 1.89 0.00	45.52 2.23 0.00	37.69 1.89 0.00	42.79 2.09 0.00	55.14 2.86 0.00	50.80 2.78 0.00	60.31 3.35 0.00	69.54 3.85 0.00	59.06 2.96 0.00	65.80 3.53 0.00	75.53 3.49 0.00	114.68 4.90 0.00	50.00 2.06 0.00	46.38 1.88 0.00
SWANROAD_115KV_TB1 355699	26.33 -3.15 0.00	28.96 -3.40 0.00	27.63 -3.18 0.00	28.68 -3.10 0.00	28.29 -3.12 0.00	31.38 -3.25 0.00	37.73 -4.63 0.00	46.75 -5.37 0.00	143.42 -15.89 0.00	27.09 -2.82 0.00	37.45 -3.27 0.00	39.39 -3.90 0.00	32.28 -3.52 0.00	36.37 -4.34 0.00	45.88 -6.39 0.00	41.94 -6.08 0.00	49.29 -7.67 0.00	55.82 -9.36 0.52	47.67 -7.58 0.85	55.31 -6.97 0.00	64.32 -7.71 0.00	98.38 -11.40 0.00	42.70 -5.24 0.00	40.35 -4.15 0.00
SYNERGY___BIOGAS 323694	27.73 -1.75 0.00	30.48 -1.88 0.00	29.03 -1.78 0.00	30.11 -1.68 0.00	29.75 -1.66 0.00	33.05 -1.58 0.00	40.05 -2.30 0.00	49.77 -2.34 0.00	152.59 -6.72 0.00	28.74 -1.17 0.00	39.53 -1.19 0.00	41.60 -1.69 0.00	34.11 -1.69 0.00	38.40 -2.31 0.00	48.54 -3.74 0.00	44.50 -3.52 0.00	52.38 -4.58 0.00	59.66 -5.64 0.38	50.94 -4.44 0.73	58.86 -3.41 0.00	68.52 -3.51 0.00	104.68 -5.10 0.00	45.27 -2.67 0.00	42.52 -1.97 0.00
SYRACUSE___ENERGY_ST1 323597	28.90 -0.58 0.00	31.77 -0.58 0.00	30.23 -0.58 0.00	31.22 -0.57 0.00	30.85 -0.56 0.00	34.06 -0.57 0.00	41.67 -0.68 0.00	51.36 -0.75 0.00	156.97 -2.34 0.00	29.50 -0.41 0.00	40.20 -0.52 0.00	42.65 -0.64 0.00	35.20 -0.61 0.00	39.97 -0.73 0.00	51.28 -1.00 0.00	47.10 -0.92 0.00	55.81 -1.15 0.00	64.45 -1.25 0.00	55.01 -1.09 0.00	61.42 -0.85 0.00	70.98 -1.06 0.00	108.20 -1.58 0.00	47.08 -0.86 0.00	43.73 -0.76 0.00
SYRACUSE___ENERGY_ST2 323598	28.90 -0.58 0.00	31.77 -0.58 0.00	30.23 -0.58 0.00	31.22 -0.57 0.00	30.85 -0.56 0.00	34.06 -0.57 0.00	41.67 -0.68 0.00	51.36 -0.75 0.00	156.97 -2.34 0.00	29.50 -0.41 0.00	40.20 -0.52 0.00	42.65 -0.64 0.00	35.20 -0.61 0.00	39.97 -0.73 0.00	51.28 -1.00 0.00	47.10 -0.92 0.00	55.81 -1.15 0.00	64.45 -1.25 0.00	55.01 -1.09 0.00	61.42 -0.85 0.00	70.98 -1.06 0.00	108.20 -1.58 0.00	47.08 -0.86 0.00	43.73 -0.76 0.00
SYRACUSE___POWER 24017	29.00 -0.48 0.00	31.89 -0.47 0.00	30.34 -0.46 0.00	31.33 -0.45 0.00	30.96 -0.45 0.00	34.18 -0.45 0.00	41.81 -0.54 0.00	51.60 -0.51 0.00	157.74 -1.57 0.00	29.64 -0.27 0.00	40.41 -0.32 0.00	42.87 -0.42 0.00	35.37 -0.43 0.00	40.15 -0.56 0.00	51.50 -0.78 0.00	47.27 -0.74 0.00	56.03 -0.93 0.00	64.80 -1.00 -0.11	55.48 -0.87 -0.25	61.66 -0.61 0.00	71.21 -0.83 0.00	108.56 -1.22 0.00	47.23 -0.72 0.00	43.87 -0.62 0.00
TALLMAN__138KV_BK151 55660	30.85 1.37 0.00	33.80 1.44 0.00	32.07 1.26 0.00	33.07 1.28 0.00	32.63 1.22 0.00	35.91 1.28 0.00	44.21 1.86 0.00	54.82 2.71 0.00	167.38 8.07 0.00	31.41 1.50 0.00	42.84 2.11 0.00	45.79 2.50 0.00	37.93 2.13 0.00	43.04 2.33 0.00	55.45 3.17 0.00	51.12 3.10 0.00	60.69 3.73 0.00	69.97 4.28 0.00	59.35 3.24 0.00	66.14 3.87 0.00	75.89 3.85 0.00	115.12 5.34 0.00	50.19 2.25 0.00	46.55 2.06 0.00
TEALLAVE_115KV_TB7 355573	28.84 -0.64 0.00	31.70 -0.65 0.00	30.18 -0.63 0.00	31.16 -0.63 0.00	30.78 -0.63 0.00	33.98 -0.65 0.00	41.56 -0.79 0.00	51.28 -0.83 0.00	156.78 -2.53 0.00	29.46 -0.44 0.00	40.18 -0.55 0.00	42.63 -0.66 0.00	35.18 -0.62 0.00	39.94 -0.77 0.00	51.20 -1.08 0.00	47.01 -1.01 0.00	55.70 -1.27 0.00	64.26 -1.43 0.00	54.86 -1.24 0.00	61.23 -1.05 0.00	70.75 -1.29 0.00	107.88 -1.90 0.00	46.93 -1.02 0.00	43.60 -0.89 0.00
TELGRAPH_34_KV_EAST 80808	27.07 -2.41 0.00	29.76 -2.59 0.00	28.37 -2.44 0.00	29.43 -2.35 0.00	29.07 -2.34 0.00	32.27 -2.36 0.00	38.94 -3.42 0.00	48.33 -3.78 0.00	148.28 -11.03 0.00	27.96 -1.95 0.00	38.56 -2.16 0.00	40.55 -2.74 0.00	33.25 -2.55 0.00	37.39 -3.32 0.00	47.13 -5.15 0.00	43.30 -4.72 0.00	50.94 -6.02 0.00	57.88 -7.37 0.44	49.38 -5.93 0.79	57.18 -5.09 0.00	66.51 -5.53 0.00	101.68 -8.10 0.00	44.02 -3.92 0.00	41.48 -3.01 0.00
TEMPLE___115KV_TB 2 55572	28.85 -0.63 0.00	31.72 -0.63 0.00	30.19 -0.62 0.00	31.17 -0.61 0.00	30.80 -0.61 0.00	34.01 -0.62 0.00	41.58 -0.77 0.00	51.31 -0.81 0.00	156.82 -2.49 0.00	29.49 -0.42 0.00	40.21 -0.52 0.00	42.66 -0.62 0.00	35.21 -0.59 0.00	39.97 -0.74 0.00	51.24 -1.04 0.00	47.05 -0.97 0.00	55.74 -1.22 0.00	64.31 -1.38 0.00	54.90 -1.21 0.00	61.27 -1.00 0.00	70.80 -1.24 0.00	107.90 -1.88 0.00	46.96 -0.98 0.00	43.63 -0.86 0.00
TIANA____69_KV_BK 1 55817	32.03 2.44 -0.10	34.72 2.67 0.30	33.39 2.64 0.06	35.01 2.91 -0.32	35.68 2.89 -1.38	41.07 3.00 -3.44	46.46 3.98 -0.13	57.26 5.15 0.00	173.70 14.38 0.00	33.01 2.91 -0.18	44.13 3.50 0.10	50.09 3.99 -2.81	41.77 3.36 -2.61	46.20 3.73 -1.77	57.08 4.80 0.00	54.39 4.66 -1.70	69.73 5.99 -6.77	92.23 7.17 -19.37	84.35 6.12 -22.13	82.44 7.23 -12.94	86.71 7.76 -6.92	134.96 11.49 -13.69	57.46 4.75 -4.77	48.58 4.09 0.00

TILDEN___115KV_TB1 80814	29.00 -0.48 0.00	31.89 -0.47 0.00	30.34 -0.46 0.00	31.33 -0.45 0.00	30.96 -0.45 0.00	34.18 -0.45 0.00	41.81 -0.54 0.00	51.60 -0.51 0.00	157.74 -1.57 0.00	29.64 -0.27 0.00	40.41 -0.32 0.00	42.87 -0.42 0.00	35.37 -0.43 0.00	40.15 -0.56 0.00	51.50 -0.78 0.00	47.27 -0.74 0.00	56.03 -0.93 0.00	64.80 -1.00 -0.11	55.48 -0.87 -0.25	61.66 -0.61 0.00	71.21 -0.83 0.00	108.56 -1.22 0.00	47.23 -0.72 0.00	43.87 -0.62 0.00
TRIGEN___CC 323695	31.82 2.00 -0.34	37.45 2.27 -2.83	36.63 2.08 -3.73	37.36 2.12 -3.45	38.22 2.06 -4.75	53.08 2.05 -16.41	45.56 2.69 -0.52	55.83 3.71 0.00	169.82 10.51 0.00	32.84 2.13 -0.81	52.01 2.77 -8.51	64.98 3.22 -18.47	50.08 2.73 -11.55	51.50 2.98 -7.81	56.17 3.89 0.00	59.37 3.82 -7.53	91.44 4.61 -29.87	122.63 5.24 -51.69	113.63 4.15 -53.38	93.14 4.81 -26.05	108.23 4.95 -31.25	153.22 7.16 -36.28	59.31 2.98 -8.39	47.21 2.71 0.00
TRINITY___115KV___4 BK 55933	30.04 0.56 0.00	32.90 0.55 0.00	31.24 0.43 0.00	32.18 0.39 0.00	31.77 0.37 0.00	35.01 0.38 0.00	42.91 0.55 0.00	52.89 0.78 0.00	161.08 1.78 0.00	30.25 0.34 0.00	40.92 0.20 0.00	43.32 0.04 0.00	36.01 0.21 0.00	41.03 0.33 0.00	53.11 0.83 0.00	48.83 0.81 0.00	57.86 0.89 0.00	66.82 1.13 0.00	56.93 0.82 0.00	63.25 0.98 0.00	72.92 0.89 0.00	111.11 1.33 0.00	48.61 0.67 0.00	44.99 0.50 0.00
UNION___PROCESSING_DRP 323587	27.84 -1.64 0.00	30.58 -1.78 0.00	29.14 -1.67 0.00	30.16 -1.62 0.00	29.82 -1.60 0.00	33.02 -1.61 0.00	40.14 -2.21 0.00	49.68 -2.43 0.00	152.19 -7.12 0.00	28.67 -1.24 0.00	39.33 -1.40 0.00	41.55 -1.74 0.00	34.20 -1.60 0.00	38.68 -2.03 0.00	49.17 -3.11 0.00	44.99 -3.03 0.00	53.11 -3.86 0.00	60.76 -4.70 0.23	51.71 -3.83 0.56	59.07 -3.20 0.00	68.54 -3.50 0.00	104.52 -5.26 0.00	45.31 -2.63 0.00	42.39 -2.10 0.00
UPPER HUDSON___HYD 24058	30.73 1.25 0.00	33.61 1.26 0.00	31.83 1.02 0.00	32.81 1.03 0.00	32.47 1.06 0.00	35.88 1.25 0.00	44.16 1.81 0.00	54.45 2.34 0.00	165.96 6.65 0.00	31.00 1.09 0.00	42.08 1.35 0.00	44.87 1.58 0.00	37.18 1.38 0.00	42.51 1.81 0.00	54.63 2.35 0.00	50.06 2.04 0.00	59.29 2.33 0.00	68.49 2.80 0.00	58.61 2.50 0.00	65.30 3.03 0.00	75.39 3.35 0.00	114.89 5.11 0.00	50.16 2.22 0.00	46.21 1.72 0.00
UPPER RAQUET___HYD 24056	28.94 -0.54 0.00	31.75 -0.60 0.00	30.32 -0.49 0.00	31.32 -0.47 0.00	31.04 -0.37 0.00	34.29 -0.34 0.00	41.90 -0.46 0.00	51.01 -1.11 0.00	156.39 -2.92 0.00	29.27 -0.64 0.00	39.85 -0.88 0.00	42.25 -1.04 0.00	34.91 -0.89 0.00	39.71 -1.00 0.00	50.98 -1.30 0.00	46.86 -1.16 0.00	55.81 -1.15 0.00	64.09 -1.61 0.00	55.21 -0.90 0.00	61.23 -1.04 0.00	71.07 -0.97 0.00	108.40 -1.38 0.00	47.53 -0.41 0.00	44.04 -0.45 0.00
VALLEY44_115KV_TB2 355964	28.16 -1.32 0.00	31.11 -1.24 0.00	29.65 -1.16 0.00	30.78 -1.00 0.00	30.35 -1.06 0.00	33.49 -1.14 0.00	40.39 -1.96 0.00	50.33 -1.79 0.00	154.43 -4.88 0.00	29.15 -0.76 0.00	40.28 -0.44 0.00	42.47 -0.81 0.00	34.86 -0.94 0.00	39.37 -1.34 0.00	49.63 -2.65 0.00	45.23 -2.79 0.00	52.91 -4.05 0.00	60.24 -4.81 0.65	50.88 -4.01 1.22	59.44 -2.83 0.00	68.55 -3.49 0.00	105.05 -4.73 0.00	45.38 -2.56 0.00	42.71 -1.78 0.00
VALLEY___115KV_TB 1-4 80826	29.61 0.13 0.00	32.48 0.13 0.00	30.85 0.04 0.00	31.78 -0.01 0.00	31.38 -0.03 0.00	34.64 0.02 0.00	42.52 0.17 0.00	52.51 0.40 0.00	160.08 0.77 0.00	30.02 0.11 0.00	40.63 -0.10 0.00	43.01 -0.28 0.00	35.59 -0.21 0.00	40.58 -0.13 0.00	52.17 -0.11 0.00	47.86 -0.16 0.00	56.93 -0.04 0.00	65.82 0.13 0.00	56.35 0.24 0.00	62.84 0.57 0.00	72.49 0.45 0.00	110.20 0.42 0.00	48.12 0.18 0.00	44.54 0.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.46 0.97 0.00	33.42 1.07 0.00	31.83 1.02 0.00	32.85 1.07 0.00	32.45 1.04 0.00	35.77 1.13 0.00	43.88 1.53 0.00	54.19 2.08 0.00	165.90 6.58 0.00	31.18 1.27 0.00	42.47 1.75 0.00	45.17 1.88 0.00	37.29 1.50 0.00	42.34 1.63 0.00	54.37 2.09 0.00	49.88 1.86 0.00	59.16 2.20 0.00	68.23 2.55 0.02	58.19 2.08 0.00	64.90 2.62 0.00	74.72 2.68 0.00	113.87 4.09 0.00	49.58 1.63 0.00	45.99 1.50 0.00
VISCHER___FERRY HYD 24020	30.37 0.89 0.00	33.27 0.92 0.00	31.54 0.73 0.00	32.48 0.69 0.00	32.09 0.68 0.00	35.40 0.77 0.00	43.40 1.05 0.00	53.48 1.36 0.00	162.99 3.68 0.00	30.41 0.50 0.00	41.13 0.40 0.00	43.73 0.44 0.00	36.28 0.48 0.00	41.47 0.77 0.00	53.61 1.33 0.00	49.23 1.21 0.00	58.36 1.40 0.00	67.46 1.77 0.00	57.58 1.48 0.00	64.01 1.74 0.00	73.84 1.80 0.00	112.62 2.84 0.00	49.33 1.39 0.00	45.55 1.06 0.00
V_A_10_SYNC_DSASP 323832	27.05 -2.43 0.00	29.74 -2.61 0.00	28.36 -2.45 0.00	29.42 -2.37 0.00	29.07 -2.34 0.00	32.20 -2.43 0.00	38.90 -3.45 0.00	48.18 -3.94 0.00	147.67 -11.63 0.00	27.84 -2.07 0.00	38.37 -2.36 0.00	40.44 -2.85 0.00	33.23 -2.57 0.00	37.53 -3.17 0.00	47.50 -4.77 0.00	43.39 -4.63 0.00	51.09 -5.87 0.00	58.29 -7.20 0.21	49.50 -5.90 0.70	57.06 -5.21 0.00	66.23 -5.80 0.00	101.19 -8.59 0.00	43.85 -4.09 0.00	41.25 -3.24 0.00
V_CMM_10_SYNC_DSASP 323787	29.65 0.17 0.00	32.52 0.17 0.00	31.05 0.23 0.00	32.07 0.29 0.00	31.76 0.35 0.00	35.07 0.44 0.00	42.76 0.41 0.00	52.18 0.06 0.00	159.79 0.48 0.00	29.82 -0.09 0.00	40.80 0.07 0.00	43.33 0.04 0.00	35.83 0.04 0.00	40.81 0.10 0.00	52.34 0.06 0.00	48.02 0.00 0.00	56.99 0.03 0.00	65.65 -0.04 0.00	56.50 0.39 0.00	62.56 0.29 0.00	72.55 0.51 0.00	110.60 0.82 0.00	48.08 0.14 0.00	44.83 0.34 0.00
V_CMP_10_SYNC_DSASP 323788	30.32 0.84 0.00	33.22 0.86 0.00	31.66 0.85 0.00	32.77 0.99 0.00	32.44 1.03 0.00	35.98 1.35 0.00	43.77 1.42 0.00	53.80 1.69 0.00	164.68 5.37 0.00	30.70 0.79 0.00	41.85 1.12 0.00	44.52 1.23 0.00	36.85 1.05 0.00	42.08 1.37 0.00	53.86 1.58 0.00	49.19 1.17 0.00	58.38 1.42 0.00	67.58 1.88 0.00	57.90 1.79 0.00	64.51 2.24 0.00	74.74 2.70 0.00	113.82 4.04 0.00	49.85 1.91 0.00	45.96 1.48 0.00
V_D_10_SYNC_DSASP 323841	29.66 0.18 0.00	32.53 0.18 0.00	31.05 0.24 0.00	32.08 0.30 0.00	31.77 0.36 0.00	35.09 0.46 0.00	42.80 0.45 0.00	52.14 0.03 0.00	159.91 0.60 0.00	29.96 0.04 0.00	40.83 0.11 0.00	43.33 0.04 0.00	35.82 0.02 0.00	40.79 0.08 0.00	52.30 0.03 0.00	48.01 -0.01 0.00	57.10 0.14 0.00	65.57 -0.12 0.00	56.44 0.34 0.00	62.53 0.26 0.00	72.52 0.48 0.00	110.57 0.79 0.00	48.48 0.54 0.00	44.99 0.50 0.00
V_E_10_SYNC_DSASP 323830	31.23 1.75 0.00	34.36 2.00 0.00	32.68 1.87 0.00	33.78 1.99 0.00	33.38 1.97 0.00	36.94 2.31 0.00	45.09 2.73 0.00	56.34 4.22 0.00	176.30 17.00 0.00	33.01 3.10 0.00	44.89 4.16 0.00	46.93 3.64 0.00	38.60 2.80 0.00	43.98 3.27 0.00	56.41 4.13 0.00	51.10 3.09 0.00	59.62 2.66 0.00	69.58 3.30 -0.59	61.01 3.46 -1.45	66.92 4.65 0.00	77.30 5.26 0.00	117.54 7.76 0.00	50.82 2.88 0.00	47.33 2.84 0.00

V_F_30_NSYNC___DSASP 323816	30.73 1.25 0.00	33.65 1.29 0.00	31.93 1.12 0.00	32.89 1.10 0.00	32.51 1.10 0.00	35.89 1.26 0.00	44.05 1.70 0.00	54.29 2.18 0.00	165.58 6.27 0.00	30.93 1.02 0.00	41.96 1.23 0.00	44.61 1.33 0.00	36.93 1.14 0.00	42.19 1.48 0.00	54.40 2.12 0.00	49.93 1.91 0.00	59.19 2.23 0.00	68.41 2.72 0.00	58.48 2.37 0.00	65.08 2.81 0.00	75.10 3.06 0.00	114.46 4.68 0.00	49.99 2.05 0.00	46.18 1.69 0.00
V_F_30_SYNC_DSASP 323786	30.12 0.64 0.00	32.99 0.64 0.00	31.36 0.55 0.00	32.28 0.49 0.00	31.88 0.47 0.00	35.13 0.50 0.00	43.06 0.71 0.00	53.11 1.00 0.00	161.67 2.36 0.00	30.33 0.41 0.00	41.06 0.33 0.00	43.56 0.27 0.00	36.20 0.40 0.00	41.22 0.51 0.00	53.22 0.94 0.00	48.93 0.91 0.00	58.11 1.15 0.00	67.09 1.40 0.00	57.18 1.08 0.00	63.53 1.26 0.00	73.23 1.20 0.00	111.55 1.77 0.00	48.77 0.84 0.00	45.14 0.65 0.00
V_XM_10_SYNC_DSASP 323789	30.32 0.84 0.00	33.22 0.86 0.00	31.66 0.85 0.00	32.77 0.99 0.00	32.44 1.03 0.00	35.98 1.35 0.00	43.77 1.42 0.00	53.80 1.69 0.00	164.68 5.37 0.00	30.70 0.79 0.00	41.85 1.12 0.00	44.52 1.23 0.00	36.85 1.05 0.00	42.08 1.37 0.00	53.86 1.58 0.00	49.19 1.17 0.00	58.38 1.42 0.00	67.58 1.88 0.00	57.90 1.79 0.00	64.51 2.24 0.00	74.74 2.70 0.00	113.82 4.04 0.00	49.85 1.91 0.00	45.96 1.48 0.00
W.BABYLN_69_KV_BK1 56697	32.13 2.44 -0.21	36.12 2.70 -1.06	34.95 2.51 -1.62	36.03 2.56 -1.68	36.76 2.48 -2.87	44.89 2.51 -7.75	45.90 3.30 -0.25	56.55 4.43 0.00	171.67 12.36 0.00	32.77 2.48 -0.38	46.94 3.09 -3.12	54.58 3.58 -7.72	44.28 3.03 -5.45	47.73 3.33 -3.69	56.61 4.33 0.00	55.80 4.24 -3.55	76.34 5.26 -14.11	99.16 6.10 -27.37	88.80 4.99 -27.70	82.87 5.86 -14.74	88.63 6.12 -10.48	136.05 9.36 -16.92	57.02 3.83 -5.25	47.87 3.37 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.96 1.48 0.00	33.90 1.55 0.00	32.18 1.37 0.00	33.17 1.39 0.00	32.74 1.33 0.00	36.03 1.40 0.00	44.36 2.00 0.00	55.02 2.90 0.00	167.94 8.63 0.00	31.53 1.62 0.00	42.99 2.27 0.00	45.95 2.66 0.00	38.06 2.26 0.00	43.20 2.50 0.00	55.64 3.37 0.00	51.31 3.29 0.00	60.92 3.96 0.00	70.22 4.53 0.00	59.57 3.46 0.00	66.39 4.12 0.00	76.17 4.14 0.00	115.56 5.78 0.00	50.36 2.42 0.00	46.70 2.21 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.18 1.70 0.00	34.14 1.79 0.00	32.40 1.59 0.00	33.38 1.60 0.00	32.96 1.56 0.00	36.28 1.65 0.00	44.70 2.35 0.00	55.50 3.39 0.00	169.49 10.18 0.00	31.85 1.94 0.00	43.38 2.65 0.00	46.37 3.09 0.00	38.65 2.64 -0.21	43.62 2.91 0.00	56.09 3.81 0.00	51.72 3.70 0.00	61.41 4.45 0.00	70.73 5.05 0.00	59.94 3.83 0.00	66.74 4.47 0.00	76.54 4.50 0.00	116.14 6.36 0.00	50.59 2.65 0.00	46.94 2.46 0.00
W50THST__13_KV_LOAD 356117	31.29 1.81 0.00	34.26 1.91 0.00	32.52 1.71 0.00	33.50 1.71 0.00	33.12 1.71 0.00	36.46 1.83 0.00	44.93 2.58 0.00	55.81 3.70 0.00	170.48 11.17 0.00	32.05 2.14 0.00	43.65 2.93 0.00	46.66 3.37 0.00	38.89 2.88 -0.21	43.90 3.19 0.00	56.43 4.15 0.00	52.03 4.01 0.00	61.78 4.82 0.00	71.14 5.45 0.00	60.23 4.13 0.00	67.05 4.78 0.00	76.88 4.85 0.00	116.59 6.81 0.00	50.77 2.83 0.00	47.10 2.61 0.00
WADING RIVER_IC_1 23522	32.04 2.46 -0.10	34.69 2.65 0.31	33.36 2.62 0.06	34.86 2.76 -0.32	35.49 2.70 -1.38	40.76 2.71 -3.42	46.04 3.56 -0.13	56.74 4.62 0.00	172.29 12.99 0.00	32.72 2.63 -0.18	43.77 3.15 0.11	49.68 3.60 -2.80	41.46 3.06 -2.60	45.83 3.37 -1.76	56.62 4.34 0.00	53.96 4.25 -1.70	69.17 5.46 -6.75	91.55 6.51 -19.35	83.77 5.55 -22.11	81.78 6.58 -12.93	85.90 6.96 -6.90	133.75 10.29 -13.68	56.97 4.26 -4.77	48.16 3.67 0.00
WADING RIVER_IC_2 23547	32.04 2.46 -0.10	34.69 2.65 0.31	33.36 2.62 0.06	34.86 2.76 -0.32	35.49 2.70 -1.38	40.76 2.71 -3.42	46.04 3.56 -0.13	56.74 4.62 0.00	172.29 12.99 0.00	32.72 2.63 -0.18	43.77 3.15 0.11	49.68 3.60 -2.80	41.46 3.06 -2.60	45.83 3.37 -1.76	56.62 4.34 0.00	53.96 4.25 -1.70	69.17 5.46 -6.75	91.55 6.51 -19.35	83.77 5.55 -22.11	81.78 6.58 -12.93	85.90 6.96 -6.90	133.75 10.29 -13.68	56.97 4.26 -4.77	48.16 3.67 0.00
WADING RIVER_IC_3 23601	32.04 2.46 -0.10	34.69 2.65 0.31	33.36 2.62 0.06	34.86 2.76 -0.32	35.49 2.70 -1.38	40.76 2.71 -3.42	46.04 3.56 -0.13	56.74 4.62 0.00	172.29 12.99 0.00	32.72 2.63 -0.18	43.77 3.15 0.11	49.68 3.60 -2.80	41.46 3.06 -2.60	45.83 3.37 -1.76	56.62 4.34 0.00	53.96 4.25 -1.70	69.17 5.46 -6.75	91.55 6.51 -19.35	83.77 5.55 -22.11	81.78 6.58 -12.93	85.90 6.96 -6.90	133.75 10.29 -13.68	56.97 4.26 -4.77	48.16 3.67 0.00
WALDENNY_12_KV_BK2 80841	27.26 -2.22 0.00	30.02 -2.33 0.00	28.62 -2.19 0.00	29.70 -2.08 0.00	29.31 -2.10 0.00	32.51 -2.12 0.00	39.24 -3.11 0.00	48.72 -3.40 0.00	149.36 -9.95 0.00	28.21 -1.70 0.00	38.98 -1.74 0.00	41.01 -2.27 0.00	33.66 -2.14 0.00	37.98 -2.72 0.00	47.96 -4.32 0.00	43.79 -4.23 0.00	51.50 -5.46 0.00	58.36 -6.76 0.58	49.61 -5.50 1.00	57.70 -4.57 0.00	66.93 -5.11 0.00	102.39 -7.39 0.00	44.28 -3.66 0.00	41.73 -2.76 0.00
WALDEN___HYDRO 24148	30.90 1.42 0.00	33.84 1.49 0.00	32.13 1.32 0.00	33.12 1.34 0.00	32.70 1.29 0.00	35.99 1.36 0.00	44.28 1.93 0.00	54.86 2.75 0.00	167.36 8.05 0.00	31.37 1.46 0.00	42.73 2.00 0.00	45.64 2.35 0.00	37.81 2.02 0.00	42.94 2.24 0.00	55.34 3.06 0.00	51.06 3.04 0.00	60.60 3.64 0.00	69.87 4.18 0.00	59.37 3.26 0.00	66.17 3.89 0.00	75.97 3.93 0.00	115.33 5.55 0.00	50.26 2.32 0.00	46.59 2.10 0.00
WARRENSBURG____ 23737	30.73 1.25 0.00	33.61 1.26 0.00	31.83 1.02 0.00	32.81 1.03 0.00	32.47 1.05 0.00	35.88 1.25 0.00	44.16 1.81 0.00	54.45 2.34 0.00	165.97 6.66 0.00	31.00 1.09 0.00	42.08 1.35 0.00	44.87 1.58 0.00	37.18 1.38 0.00	42.52 1.81 0.00	54.63 2.35 0.00	50.06 2.04 0.00	59.29 2.33 0.00	68.49 2.80 0.00	58.61 2.50 0.00	65.30 3.03 0.00	75.38 3.34 0.00	114.89 5.11 0.00	50.16 2.22 0.00	46.21 1.72 0.00
WATERSIDE____6 8 9 23538	31.20 1.72 0.00	34.16 1.81 0.00	32.42 1.61 0.00	33.38 1.59 0.00	32.94 1.53 0.00	36.25 1.62 0.00	44.29 2.33 0.40	55.45 3.34 0.00	168.80 9.95 0.46	29.28 1.98 2.61	43.20 2.69 0.21	46.26 3.16 0.18	36.74 2.67 1.73	43.34 2.94 0.30	56.14 3.86 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.79 5.11 0.00	60.01 3.91 0.00	66.76 4.49 0.00	76.57 4.53 0.00	116.16 6.38 0.00	50.63 2.69 0.00	46.96 2.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.56 0.09 0.00	32.45 0.09 0.00	30.83 0.02 0.00	31.76 -0.02 0.00	31.38 -0.03 0.00	34.61 -0.02 0.00	42.45 0.10 0.00	52.38 0.27 0.00	159.80 0.49 0.00	29.98 0.07 0.00	40.64 -0.08 0.00	43.08 -0.21 0.00	35.65 -0.15 0.00	40.61 -0.10 0.00	52.19 -0.09 0.00	47.90 -0.12 0.00	56.94 -0.02 0.00	65.80 0.11 0.00	56.26 0.16 0.00	62.68 0.41 0.00	72.33 0.29 0.00	110.08 0.30 0.00	48.05 0.11 0.00	44.50 0.01 0.00

WDELAWARE___HYD 323627	31.32 1.83 0.00	34.30 1.95 0.00	32.59 1.79 0.00	33.60 1.82 0.00	33.18 1.77 0.00	36.57 1.94 0.00	44.98 2.63 0.00	55.65 3.54 0.00	169.61 10.30 0.00	31.72 1.81 0.00	43.21 2.49 0.00	46.06 2.77 0.00	38.19 2.39 0.00	43.36 2.65 0.00	55.83 3.55 0.00	51.67 3.65 0.00	61.37 4.41 0.00	70.79 5.10 0.00	60.21 4.10 0.00	67.11 4.84 0.00	77.07 5.04 0.00	116.97 7.19 0.00	50.91 2.97 0.00	47.22 2.73 0.00
WEST BABYLON___IC 23714	32.13 2.44 -0.21	36.12 2.70 -1.06	34.95 2.51 -1.62	36.03 2.56 -1.68	36.76 2.48 -2.87	44.89 2.51 -7.75	45.90 3.30 -0.25	56.55 4.43 0.00	171.67 12.36 0.00	32.77 2.48 -0.38	46.94 3.09 -3.12	54.58 3.58 -7.72	44.28 3.03 -5.45	47.73 3.33 -3.69	56.61 4.33 0.00	55.80 4.24 -3.55	76.34 5.26 -14.11	99.16 6.10 -27.37	88.80 4.99 -27.70	82.87 5.86 -14.74	88.63 6.12 -10.48	136.05 9.36 -16.92	57.02 3.83 -5.25	47.87 3.37 0.00
WEST CANADA___HYD 24049	29.47 -0.01 0.00	32.35 0.00 0.00	30.79 -0.02 0.00	31.75 -0.03 0.00	31.38 -0.03 0.00	34.56 -0.07 0.00	42.31 -0.04 0.00	52.12 0.01 0.00	159.29 -0.02 0.00	29.91 0.00 0.00	40.68 -0.04 0.00	43.24 -0.04 0.00	35.77 -0.03 0.00	40.66 -0.04 0.00	52.27 -0.01 0.00	48.02 0.00 0.00	56.96 0.00 0.00	65.70 0.01 0.00	56.09 -0.02 0.00	62.31 0.04 0.00	71.98 -0.06 0.00	109.68 -0.10 0.00	47.90 -0.04 0.00	44.45 -0.04 0.00
WESTERN_NY_WIND 24143	27.69 -1.80 0.00	30.41 -1.94 0.00	28.98 -1.83 0.00	30.06 -1.72 0.00	29.70 -1.70 0.00	33.00 -1.63 0.00	39.97 -2.38 0.00	49.68 -2.43 0.00	152.33 -6.97 0.00	28.69 -1.22 0.00	39.48 -1.25 0.00	41.53 -1.76 0.00	34.05 -1.75 0.00	38.32 -2.38 0.00	48.44 -3.84 0.00	44.42 -3.60 0.00	52.28 -4.68 0.00	59.51 -5.78 0.40	50.81 -4.55 0.74	58.73 -3.54 0.00	68.38 -3.66 0.00	104.48 -5.30 0.00	45.19 -2.75 0.00	42.44 -2.05 0.00
WESTOVER___LESR 323668	29.27 -0.21 0.00	32.23 -0.13 0.00	30.67 -0.14 0.00	31.72 -0.07 0.00	31.29 -0.12 0.00	34.52 -0.11 0.00	42.18 -0.17 0.00	52.19 0.07 0.00	159.37 0.06 0.00	29.97 0.06 0.00	40.98 0.25 0.00	43.43 0.14 0.00	35.80 0.00 0.00	40.63 -0.08 0.00	51.94 -0.34 0.00	47.65 -0.37 0.00	56.34 -0.62 0.00	64.76 -0.66 0.28	54.95 -0.58 0.58	62.26 -0.02 0.00	71.61 -0.43 0.00	109.43 -0.35 0.00	47.51 -0.44 0.00	44.21 -0.28 0.00
WETHRSFD_WT_PWR 323626	27.40 -2.08 0.00	30.25 -2.11 0.00	28.84 -1.97 0.00	29.94 -1.85 0.00	29.64 -1.77 0.00	32.83 -1.80 0.00	39.74 -2.61 0.00	49.34 -2.78 0.00	150.98 -8.33 0.00	28.48 -1.44 0.00	39.21 -1.51 0.00	41.25 -2.04 0.00	33.91 -1.88 0.00	38.26 -2.45 0.00	48.48 -3.80 0.00	44.29 -3.73 0.00	52.23 -4.73 0.00	59.16 -5.82 0.71	50.01 -4.71 1.38	58.36 -3.91 0.00	67.54 -4.50 0.00	103.42 -6.36 0.00	44.76 -3.19 0.00	42.06 -2.43 0.00
WHAVSTOR_138KV_BK127 55557	30.85 1.37 0.00	33.79 1.43 0.00	32.07 1.26 0.00	33.06 1.27 0.00	32.63 1.22 0.00	35.91 1.28 0.00	44.19 1.84 0.00	54.80 2.69 0.00	167.24 7.93 0.00	31.40 1.49 0.00	42.79 2.07 0.00	45.74 2.45 0.00	37.89 2.09 0.00	42.99 2.29 0.00	55.37 3.09 0.00	51.06 3.04 0.00	60.62 3.65 0.00	69.86 4.17 0.00	59.29 3.18 0.00	66.07 3.80 0.00	75.79 3.75 0.00	115.03 5.25 0.00	50.15 2.21 0.00	46.51 2.02 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.85 1.37 0.00	33.79 1.43 0.00	32.07 1.26 0.00	33.06 1.27 0.00	32.63 1.22 0.00	35.91 1.28 0.00	44.19 1.84 0.00	54.80 2.69 0.00	167.24 7.93 0.00	31.40 1.49 0.00	42.79 2.07 0.00	45.74 2.45 0.00	37.89 2.09 0.00	42.99 2.29 0.00	55.37 3.09 0.00	51.06 3.04 0.00	60.62 3.65 0.00	69.86 4.17 0.00	59.29 3.18 0.00	66.07 3.80 0.00	75.79 3.75 0.00	115.03 5.25 0.00	50.15 2.21 0.00	46.51 2.02 0.00
WHITEHAL_115KV_TB1 80871	31.27 1.79 0.00	34.11 1.76 0.00	32.04 1.23 0.00	33.07 1.28 0.00	32.81 1.40 0.00	36.41 1.78 0.00	45.02 2.67 0.00	55.45 3.34 0.00	168.31 9.01 0.00	31.28 1.38 0.00	42.46 1.73 0.00	45.40 2.11 0.00	37.62 1.82 0.00	43.59 2.89 0.00	56.02 3.74 0.00	50.99 2.97 0.00	60.16 3.20 0.00	69.70 4.02 0.00	59.63 3.53 0.00	66.27 4.00 0.00	76.64 4.60 0.00	117.22 7.43 0.00	51.33 3.39 0.00	46.93 2.44 0.00
WHITEPLN_13_KV_LOAD 356215	31.26 1.78 0.00	34.21 1.86 0.00	32.48 1.67 0.00	33.45 1.66 0.00	33.03 1.62 0.00	36.35 1.72 0.00	44.78 2.43 0.00	55.58 3.47 0.00	169.74 10.43 0.00	31.90 1.99 0.00	43.45 2.73 0.00	46.43 3.14 0.00	38.53 2.69 -0.05	43.71 3.01 0.00	56.25 3.97 0.00	51.87 3.85 0.00	61.60 4.64 0.00	70.99 5.30 0.00	60.23 4.13 0.00	67.10 4.83 0.00	76.99 4.95 0.00	116.79 7.01 0.00	50.85 2.91 0.00	47.13 2.64 0.00
WM_FLOYD_69_KV_BK2 356380	32.06 2.48 -0.10	34.77 2.70 0.28	33.35 2.57 0.03	34.79 2.66 -0.34	35.41 2.60 -1.40	40.74 2.62 -3.49	45.94 3.46 -0.13	56.60 4.48 0.00	171.85 12.54 0.00	32.65 2.56 -0.18	43.71 3.04 0.06	49.66 3.50 -2.88	41.42 2.97 -2.65	45.77 3.27 -1.79	56.51 4.23 0.00	53.88 4.14 -1.73	69.16 5.34 -6.87	91.52 6.36 -19.47	83.70 5.39 -22.20	81.61 6.37 -12.96	85.75 6.74 -6.97	133.46 9.94 -13.74	56.83 4.11 -4.78	48.04 3.55 0.00
WOODARD___115KV_TB2 355635	28.79 -0.69 0.00	31.64 -0.71 0.00	30.12 -0.69 0.00	31.10 -0.68 0.00	30.73 -0.68 0.00	33.93 -0.70 0.00	41.49 -0.86 0.00	51.16 -0.95 0.00	156.34 -2.97 0.00	29.40 -0.51 0.00	40.06 -0.67 0.00	42.51 -0.78 0.00	35.10 -0.70 0.00	39.85 -0.86 0.00	51.11 -1.17 0.00	46.92 -1.10 0.00	55.62 -1.35 0.00	64.17 -1.52 0.00	54.77 -1.34 0.00	61.11 -1.16 0.00	70.61 -1.43 0.00	107.65 -2.13 0.00	46.86 -1.09 0.00	43.53 -0.97 0.00
WOODMERE_69_KV_BK1 55827	34.25 2.28 -2.49	64.99 2.48 -30.16	70.99 2.39 -37.79	64.99 2.41 -30.80	68.70 2.34 -34.95	128.17 2.36 -91.18	47.98 3.08 -2.54	56.29 4.17 0.00	171.18 11.87 0.00	36.44 2.40 -4.12	112.72 3.12 -68.86	147.03 3.58 -100.16	97.89 3.02 -59.08	84.00 3.30 -39.99	56.69 4.38 -0.03	90.55 4.24 -38.30	214.88 5.16 -152.77	228.38 5.69 -156.99	158.64 4.56 -97.98	96.59 5.39 -28.92	134.11 5.64 -56.43	169.77 8.81 -51.19	59.28 3.53 -7.81	47.71 3.21 0.00
YORK___WARBASSE 23770	31.26 1.78 0.00	34.25 1.89 0.00	32.50 1.69 0.00	33.48 1.69 0.00	33.13 1.71 -0.01	36.46 1.82 -0.01	46.77 2.50 -1.92	55.56 3.44 0.00	171.73 10.21 -2.21	44.48 2.02 -12.54	44.52 2.77 -1.02	47.42 3.25 -0.88	48.14 2.72 -9.62	45.16 3.00 -1.46	56.17 3.89 0.00	51.75 3.73 0.00	61.45 4.49 0.00	70.87 5.18 0.00	60.06 3.96 0.00	66.88 4.60 0.00	76.68 4.65 0.00	116.36 6.58 0.00	50.78 2.84 0.00	47.09 2.59 -0.01