

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/07/2024

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	30.78	32.09	31.64	28.41	33.81	49.30	40.83	54.99	51.51	40.89	42.41	39.85	52.78	41.29	39.77	40.11	69.35	60.65	70.94	52.94	46.51	37.04	34.13	26.20
24138	1.83	1.76	1.65	1.44	1.56	2.29	2.28	3.15	3.36	2.57	2.88	2.38	3.45	2.82	2.67	2.82	5.16	4.44	5.28	3.63	2.74	2.22	1.99	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.70	-0.89	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	30.83	32.15	31.70	28.48	33.89	49.41	40.90	55.01	51.48	40.85	42.38	39.81	52.71	41.26	39.77	40.13	69.34	60.65	70.95	52.99	46.57	37.09	34.17	26.26
24260	1.88	1.83	1.72	1.51	1.64	2.39	2.34	3.17	3.33	2.53	2.85	2.34	3.38	2.79	2.67	2.84	5.15	4.44	5.29	3.68	2.80	2.27	2.03	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.69	-0.89	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	30.83	32.15	31.70	28.48	33.89	49.41	40.90	55.01	51.48	40.85	42.38	39.81	52.71	41.26	39.77	40.13	69.34	60.65	70.95	52.99	46.57	37.09	34.17	26.26
24261	1.88	1.83	1.72	1.51	1.64	2.39	2.34	3.17	3.33	2.53	2.85	2.34	3.38	2.79	2.67	2.84	5.15	4.44	5.29	3.68	2.80	2.27	2.03	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.69	-0.89	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	30.88	32.30	32.01	28.78	34.48	50.20	41.34	55.85	52.13	41.05	42.59	36.15	51.67	40.88	39.46	39.78	68.93	60.68	71.25	53.63	47.38	37.48	34.45	26.34
24011	1.93	1.98	2.03	1.81	2.23	3.19	2.78	4.01	3.98	2.73	3.05	2.38	3.22	2.41	2.36	2.49	4.73	4.47	5.58	4.33	3.60	2.66	2.31	1.57
	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	30.98	32.38	32.12	28.90	34.68	50.47	41.55	56.16	52.51	41.25	42.81	36.35	51.94	41.00	39.56	39.90	69.12	60.90	71.52	53.95	47.69	37.68	34.62	26.43
23798	2.03	2.06	2.14	1.93	2.43	3.46	3.00	4.32	4.36	2.93	3.28	2.57	3.49	2.53	2.46	2.61	4.92	4.70	5.85	4.64	3.92	2.85	2.49	1.67
	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	30.88	32.30	32.01	28.78	34.48	50.20	41.34	55.85	52.13	41.05	42.59	36.15	51.67	40.88	39.46	39.78	68.93	60.68	71.25	53.63	47.38	37.48	34.45	26.34
24028	1.93	1.98	2.03	1.81	2.23	3.19	2.78	4.01	3.98	2.73	3.05	2.38	3.22	2.41	2.36	2.49	4.73	4.47	5.58	4.33	3.60	2.66	2.31	1.57
	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	30.61	32.06	31.78	28.52	33.99	49.30	40.38	54.57	50.85	40.62	41.90	36.54	51.52	40.53	39.12	39.39	67.73	59.58	69.81	52.42	46.42	36.93	34.00	25.98
23527	1.66	1.74	1.80	1.55	1.74	2.29	1.83	2.73	2.70	2.30	2.37	1.96	2.88	2.06	2.02	2.09	3.53	3.37	4.15	3.11	2.64	2.10	1.86	1.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.80	-0.19	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	29.33	30.71	30.40	27.31	32.57	47.37	38.98	52.63	49.04	38.82	40.10	34.20	49.03	38.89	37.58	37.89	65.46	57.49	67.23	50.42	44.54	35.37	32.55	24.95
24190	0.38	0.38	0.41	0.34	0.32	0.35	0.42	0.79	0.89	0.51	0.56	0.42	0.58	0.42	0.48	0.60	1.27	1.29	1.57	1.12	0.77	0.55	0.41	0.19
	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	28.77	30.18	29.82	26.84	32.29	47.10	38.56	51.72	47.79	38.30	39.21	33.61	48.13	38.25	36.84	37.01	63.65	55.72	64.87	48.73	43.53	34.82	32.17	24.88
355683	-0.18	-0.15	-0.16	-0.13	0.04	0.08	0.01	-0.12	-0.35	-0.03	-0.32	-0.17	-0.31	-0.22	-0.26	-0.28	-0.55	-0.49	-0.79	-0.57	-0.24	-0.01	0.03	0.11
	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
ALBANY_1_SOLAR	29.92	31.36	31.07	27.89	33.28	48.43	39.83	53.74	49.81	39.23	40.41	34.40	49.28	39.10	37.90	38.32	66.45	58.46	68.57	51.45	45.45	36.08	33.21	25.48
323833	0.97	1.04	1.09	0.92	1.03	1.42	1.28	1.90	1.66	0.91	0.88	0.62	0.83	0.63	0.80	1.02	2.25	2.25	2.91	2.15	1.68	1.26	1.07	0.71
	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	29.91	31.35	31.06	27.88	33.27	48.42	39.82	53.73	49.79	39.22	40.40	34.39	49.28	39.10	37.90	38.30	66.43	58.44	68.56	51.44	45.44	36.07	33.19	25.47
323834	0.96	1.02	1.07	0.91	1.02	1.41	1.26	1.89	1.64	0.90	0.86	0.62	0.83	0.63	0.80	1.00	2.24	2.23	2.90	2.14	1.66	1.25	1.05	0.70
	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	29.33	30.71	30.40	27.31	32.57	47.37	38.98	52.63	49.04	38.82	40.10	34.20	49.03	38.89	37.58	37.89	65.46	57.49	67.23	50.42	44.54	35.37	32.55	24.95
23571	0.38	0.38	0.41	0.34	0.32	0.35	0.42	0.79	0.89	0.51	0.56	0.42	0.58	0.42	0.48	0.60	1.27	1.29	1.57	1.12	0.77	0.55	0.41	0.19
	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	29.33 0.38 0.00	30.71 0.38 0.00	30.40 0.41 0.00	27.31 0.34 0.00	32.57 0.32 0.00	47.37 0.35 0.00	38.98 0.42 0.00	52.63 0.79 0.00	49.04 0.89 0.00	38.82 0.51 0.00	40.10 0.56 0.00	34.20 0.42 0.00	49.03 0.58 0.00	38.89 0.42 0.00	37.58 0.48 0.00	37.89 0.60 0.00	65.46 1.27 0.00	57.49 1.29 0.00	67.23 1.57 0.00	50.42 1.12 0.00	44.54 0.77 0.00	35.37 0.55 0.00	32.55 0.41 0.00	24.95 0.19 0.00
ALBANY___3 23573	29.33 0.38 0.00	30.71 0.38 0.00	30.40 0.41 0.00	27.31 0.34 0.00	32.57 0.32 0.00	47.37 0.35 0.00	38.98 0.42 0.00	52.63 0.79 0.00	49.04 0.89 0.00	38.82 0.51 0.00	40.10 0.56 0.00	34.20 0.42 0.00	49.03 0.58 0.00	38.89 0.42 0.00	37.58 0.48 0.00	37.89 0.60 0.00	65.46 1.27 0.00	57.49 1.29 0.00	67.23 1.57 0.00	50.42 1.12 0.00	44.54 0.77 0.00	35.37 0.55 0.00	32.55 0.41 0.00	24.95 0.19 0.00
ALBANY___4 23574	29.33 0.38 0.00	30.71 0.38 0.00	30.40 0.41 0.00	27.31 0.34 0.00	32.57 0.32 0.00	47.37 0.35 0.00	38.98 0.42 0.00	52.63 0.79 0.00	49.04 0.89 0.00	38.82 0.51 0.00	40.10 0.56 0.00	34.20 0.42 0.00	49.03 0.58 0.00	38.89 0.42 0.00	37.58 0.48 0.00	37.89 0.60 0.00	65.46 1.27 0.00	57.49 1.29 0.00	67.23 1.57 0.00	50.42 1.12 0.00	44.54 0.77 0.00	35.37 0.55 0.00	32.55 0.41 0.00	24.95 0.19 0.00
ALBANY___LFGE 323615	29.63 0.68 0.00	31.02 0.70 0.00	30.70 0.71 0.00	27.58 0.61 0.00	32.91 0.66 0.00	47.87 0.85 0.00	39.42 0.87 0.00	53.23 1.39 0.00	49.59 1.44 0.00	39.26 0.94 0.00	40.52 0.99 0.00	34.57 0.79 0.00	49.57 1.12 0.00	39.34 0.87 0.00	38.02 0.92 0.00	38.33 1.04 0.00	66.22 2.03 0.00	58.15 1.94 0.00	68.02 2.36 0.00	51.00 1.70 0.00	45.03 1.26 0.00	35.75 0.92 0.00	32.90 0.76 0.00	25.21 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	28.88 -0.08 0.00	30.29 -0.04 0.00	29.93 -0.05 0.00	26.96 -0.02 0.00	32.44 0.19 0.00	47.33 0.32 0.00	38.75 0.19 0.00	51.92 0.08 0.00	47.97 -0.18 0.00	38.38 0.05 0.00	39.26 -0.28 0.00	33.67 -0.11 0.00	48.20 -0.25 0.00	38.31 -0.16 0.00	36.86 -0.23 0.00	37.02 -0.27 0.00	63.72 -0.47 0.00	55.81 -0.39 0.00	65.04 -0.62 0.00	48.87 -0.43 0.00	43.65 -0.12 0.00	34.93 0.11 0.00	32.28 0.14 0.00	24.98 0.21 0.00
ALCOA_RYNLDS___DRP 24188	28.88 -0.08 0.00	30.29 -0.04 0.00	29.93 -0.05 0.00	26.96 -0.02 0.00	32.44 0.19 0.00	47.33 0.32 0.00	38.75 0.19 0.00	51.92 0.08 0.00	47.97 -0.18 0.00	38.38 0.05 0.00	39.26 -0.28 0.00	33.67 -0.11 0.00	48.20 -0.25 0.00	38.31 -0.16 0.00	36.86 -0.23 0.00	37.02 -0.27 0.00	63.72 -0.47 0.00	55.81 -0.39 0.00	65.04 -0.62 0.00	48.87 -0.43 0.00	43.65 -0.12 0.00	34.93 0.11 0.00	32.28 0.14 0.00	24.98 0.21 0.00
ALCOA___DSASP 323711	28.88 -0.08 0.00	30.29 -0.04 0.00	29.93 -0.05 0.00	26.96 -0.02 0.00	32.45 0.19 0.00	47.34 0.32 0.00	38.75 0.19 0.00	51.92 0.08 0.00	47.97 -0.18 0.00	38.38 0.05 0.00	39.26 -0.28 0.00	33.67 -0.11 0.00	48.20 -0.25 0.00	38.31 -0.16 0.00	36.87 -0.23 0.00	37.02 -0.27 0.00	63.73 -0.47 0.00	55.82 -0.39 0.00	65.04 -0.62 0.00	48.87 -0.43 0.00	43.65 -0.12 0.00	34.93 0.11 0.00	32.28 0.14 0.00	24.98 0.21 0.00
ALLEGHENY___COGEN 23514	29.23 0.28 0.00	30.64 0.31 0.00	30.16 0.17 0.00	27.17 0.20 0.00	32.61 0.35 0.00	48.53 1.52 0.00	39.70 1.15 0.00	53.19 1.35 0.00	48.92 0.77 0.00	38.92 0.60 0.00	40.95 -0.10 -1.52	35.23 -0.12 -1.57	58.94 -0.12 -10.61	44.65 0.06 -6.12	36.97 -0.13 0.00	36.44 -0.75 0.10	58.57 -1.82 3.80	47.25 -0.86 8.10	66.66 1.00 0.00	50.17 0.87 0.00	44.03 0.26 0.00	34.74 -0.09 0.00	32.28 0.15 0.00	25.12 0.36 0.00
ALTAMONT_115KV_TB 2 55880	29.66 0.71 0.00	31.06 0.73 0.00	30.74 0.75 0.00	27.63 0.65 0.00	32.96 0.70 0.00	47.92 0.91 0.00	39.44 0.88 0.00	53.17 1.33 0.00	49.52 1.37 0.00	39.21 0.88 0.00	40.47 0.94 0.00	34.52 0.74 0.00	49.49 1.05 0.00	39.28 0.81 0.00	37.96 0.86 0.00	38.25 0.96 0.00	66.04 1.85 0.00	57.95 1.74 0.00	67.82 2.16 0.00	50.86 1.55 0.00	44.96 1.19 0.00	35.72 0.90 0.00	32.91 0.77 0.00	25.26 0.49 0.00
ALTONA_WT_PWR 323606	27.65 -1.30 0.00	29.05 -1.28 0.00	28.80 -1.18 0.00	25.91 -1.07 0.00	32.15 -0.11 0.00	47.70 0.68 0.00	39.66 1.11 0.00	52.94 1.09 0.00	48.89 0.74 0.00	38.77 0.45 0.00	39.75 0.21 0.00	33.94 0.16 0.00	47.68 -0.77 0.00	38.16 -0.31 0.00	37.11 0.01 0.00	37.61 0.33 0.00	65.30 1.11 0.00	57.35 1.14 0.00	67.33 1.67 0.00	49.93 0.63 0.00	44.15 0.37 0.00	35.75 0.92 0.00	32.80 0.66 0.00	25.28 0.52 0.00
AMERICAN_REF_FUEL 24010	27.13 -1.82 0.00	28.57 -1.76 0.00	28.19 -1.80 0.00	25.46 -1.51 0.00	30.48 -1.78 0.00	45.54 -1.47 0.00	36.57 -1.98 0.00	48.85 -2.99 0.00	45.02 -3.13 0.00	36.20 -2.12 0.00	38.10 -2.28 -0.84	32.68 -1.96 -0.87	51.75 -2.53 -5.84	39.85 -1.99 -3.37	34.88 -2.22 0.00	34.30 -2.93 0.06	55.83 -6.04 2.32	46.37 -4.97 4.86	60.95 -4.72 0.00	45.69 -3.61 0.00	40.32 -3.45 0.00	32.04 -2.78 0.00	30.10 -2.04 0.00	23.72 -1.05 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.17 -0.78 0.00	29.82 -0.50 0.00	29.40 -0.58 0.00	26.55 -0.42 0.00	31.70 -0.55 0.00	47.44 0.43 0.00	38.23 -0.32 0.00	51.19 -0.65 0.00	47.26 -0.89 0.00	37.56 -0.76 0.00	44.84 -0.68 -5.99	39.19 -0.72 -6.13	89.17 -0.64 -41.36	62.05 -0.27 -23.85	36.06 -1.05 0.00	35.32 -1.90 0.07	57.59 -3.87 2.74	47.10 -3.34 5.76	63.60 -2.06 0.00	47.42 -1.88 0.00	41.68 -2.09 0.00	32.91 -1.92 0.00	30.77 -1.37 0.00	24.15 -0.61 0.00
ARTHUR KILL_GT_1 23520	30.54 1.59 0.00	31.84 1.51 0.00	31.42 1.44 0.00	28.23 1.26 0.00	33.52 1.27 0.00	48.88 1.88 0.01	40.58 2.02 0.00	54.63 2.79 0.00	49.74 2.96 1.37	36.06 2.13 4.39	41.65 2.47 0.35	39.13 1.99 -3.36	51.86 2.88 -0.54	38.92 2.33 1.88	39.41 2.31 0.01	38.08 2.47 1.69	68.37 4.57 0.40	60.21 4.01 0.01	70.42 4.76 0.00	52.59 3.28 0.00	46.31 2.54 0.00	36.95 2.12 -0.01	34.07 1.92 -0.01	26.13 1.37 0.00
ARTHUR_KILL_2 23512	30.47 1.52 0.00	31.77 1.44 0.00	31.34 1.35 0.00	28.16 1.18 0.00	33.44 1.19 0.00	48.75 1.75 0.01	40.47 1.91 0.00	54.49 2.65 0.00	49.62 2.84 1.37	35.95 2.02 4.39	41.57 2.39 0.35	39.06 1.92 -3.36	51.75 2.76 -0.54	38.84 2.25 1.88	39.33 2.23 0.01	37.99 2.38 1.69	68.22 4.42 0.40	60.06 3.86 0.01	70.24 4.58 0.00	52.45 3.14 0.00	46.19 2.42 0.00	36.85 2.03 -0.01	33.99 1.84 -0.01	26.08 1.31 0.00
ARTHUR_KILL_3 23513	30.54 1.59 0.00	31.84 1.51 0.00	31.39 1.41 0.00	28.20 1.23 0.00	33.52 1.27 0.00	48.83 1.82 0.00	40.38 1.83 0.00	54.25 2.41 0.00	49.35 2.59 1.38	35.85 1.92 4.39	41.42 2.23 0.34	38.96 1.81 -3.37	51.97 2.63 -0.89	40.68 2.21 0.00	39.21 2.12 0.00	39.60 2.30 0.00	68.46 4.27 0.00	59.88 3.67 0.00	70.03 4.37 0.00	52.30 2.99 0.00	45.98 2.21 0.00	36.65 1.83 0.00	33.79 1.65 0.00	26.01 1.25 0.00

ARTHUR_KILL_COGEN 323718	30.54 1.59 0.00	31.84 1.51 0.00	31.42 1.44 0.00	28.23 1.26 0.00	33.52 1.27 0.00	48.88 1.88 0.01	40.58 2.02 0.00	54.63 2.79 0.00	49.74 2.96 1.37	36.06 2.13 4.39	41.65 2.47 0.35	39.13 1.99 -3.36	51.86 2.88 -0.54	38.92 2.33 1.88	39.41 2.31 0.01	38.08 2.47 1.69	68.37 4.57 0.40	60.21 4.01 0.01	70.42 4.76 0.00	52.59 3.28 0.00	46.31 2.54 0.00	36.95 2.12 -0.01	34.07 1.92 -0.01	26.13 1.37 0.00
ASHOKAN____ 23654	30.11 1.16 0.00	31.50 1.18 0.00	31.13 1.15 0.00	27.96 0.99 0.00	33.35 1.10 0.00	48.62 1.61 0.00	40.19 1.64 0.00	54.34 2.50 0.00	50.65 2.51 0.00	39.87 1.55 0.00	41.11 1.58 0.00	34.97 1.19 0.00	49.98 1.53 0.00	39.75 1.28 0.00	38.41 1.31 0.00	38.82 1.53 0.00	67.23 3.03 0.00	59.43 3.23 0.00	69.80 4.14 0.00	52.36 3.05 0.00	46.11 2.34 0.00	36.53 1.71 0.00	33.57 1.44 0.00	25.69 0.93 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.61 1.66 0.00	31.93 1.61 0.00	31.45 1.47 0.00	28.26 1.29 0.00	33.62 1.36 0.00	48.97 1.96 0.00	40.55 2.00 0.00	54.53 2.68 0.00	51.01 2.86 0.00	40.44 2.12 0.00	41.93 2.41 0.01	39.45 1.99 -3.68	52.21 2.88 -0.88	40.77 2.30 0.00	39.30 2.19 -0.01	39.66 2.37 0.00	68.70 4.51 0.00	59.99 3.78 0.00	70.17 4.51 0.00	52.45 3.15 0.00	46.15 2.38 0.00	36.84 2.01 -0.01	33.93 1.78 -0.01	26.04 1.27 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.61 1.66 0.00	31.93 1.61 0.00	31.45 1.47 0.00	28.26 1.29 0.00	33.62 1.36 0.00	48.97 1.96 0.00	40.55 2.00 0.00	54.53 2.68 0.00	51.01 2.86 0.00	40.44 2.12 0.00	41.93 2.41 0.01	39.45 1.99 -3.68	52.21 2.88 -0.88	40.77 2.30 0.00	39.30 2.19 -0.01	39.66 2.37 0.00	68.70 4.51 0.00	59.99 3.78 0.00	70.17 4.51 0.00	52.45 3.15 0.00	46.15 2.38 0.00	36.84 2.01 -0.01	33.93 1.78 -0.01	26.04 1.27 0.00
ASTORIA_GT2_1 24094	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT2_2 24095	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT2_3 24096	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT2_4 24097	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT3_1 24098	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT3_2 24099	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT3_3 24100	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT3_4 24101	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT4_1 24102	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT4_2 24103	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT4_3 24104	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00

ASTORIA_GT4_4 24105	30.63 1.68 0.00	31.95 1.62 0.00	31.47 1.49 0.00	28.28 1.31 0.00	33.64 1.39 0.00	48.99 1.98 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.97 2.43 0.00	39.48 2.01 -3.69	52.24 2.91 -0.89	40.81 2.34 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.75 4.55 0.00	60.02 3.81 0.00	70.20 4.53 0.00	52.49 3.18 0.00	46.19 2.42 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA_GT_1 23523	30.68 1.73 0.00	32.00 1.67 0.00	31.52 1.54 0.00	28.32 1.35 0.00	33.69 1.44 0.00	49.09 2.08 0.00	40.66 2.10 0.00	54.67 2.83 0.00	51.15 3.00 0.00	40.55 2.24 0.00	42.05 2.52 0.01	39.56 2.09 -3.68	52.35 3.03 -0.88	40.90 2.42 0.00	39.41 2.30 -0.01	39.77 2.48 0.00	68.90 4.70 0.00	60.15 3.95 0.00	70.37 4.71 0.00	52.60 3.29 0.00	46.28 2.51 0.00	36.93 2.10 -0.01	34.01 1.86 -0.01	26.10 1.33 0.00
ASTORIA_GT_10 24110	30.73 1.78 0.00	32.05 1.72 0.00	31.60 1.61 0.00	28.39 1.42 0.00	33.77 1.52 0.00	49.17 2.15 0.00	40.69 2.14 0.00	54.69 2.84 0.00	51.18 3.03 0.00	40.61 2.29 0.00	42.13 2.60 0.00	39.62 2.15 -3.69	52.43 3.10 -0.89	42.12 2.53 -1.12	40.19 2.41 -0.68	103.67 2.58 -63.79	68.91 4.71 0.00	60.28 4.08 0.00	70.50 4.83 0.00	52.62 3.32 0.00	46.31 2.54 0.00	36.94 2.11 -0.01	34.06 1.92 -0.01	26.18 1.41 0.00
ASTORIA_GT_11 24225	30.73 1.78 0.00	32.05 1.72 0.00	31.60 1.61 0.00	28.39 1.42 0.00	33.77 1.52 0.00	49.17 2.15 0.00	40.69 2.14 0.00	54.69 2.84 0.00	51.18 3.03 0.00	40.61 2.29 0.00	42.13 2.60 0.00	39.62 2.15 -3.69	52.43 3.10 -0.89	42.12 2.53 -1.12	40.19 2.41 -0.68	103.67 2.58 -63.79	68.91 4.71 0.00	60.28 4.08 0.00	70.50 4.83 0.00	52.62 3.32 0.00	46.31 2.54 0.00	36.94 2.11 -0.01	34.06 1.92 -0.01	26.18 1.41 0.00
ASTORIA_GT_12 24226	30.73 1.78 0.00	32.05 1.72 0.00	31.60 1.61 0.00	28.39 1.42 0.00	33.77 1.52 0.00	49.17 2.15 0.00	40.69 2.14 0.00	54.69 2.84 0.00	51.18 3.03 0.00	40.61 2.29 0.00	42.13 2.60 0.00	39.62 2.15 -3.69	52.43 3.10 -0.89	42.12 2.53 -1.12	40.19 2.41 -0.68	103.67 2.58 -63.79	68.91 4.71 0.00	60.28 4.08 0.00	70.50 4.83 0.00	52.62 3.32 0.00	46.31 2.54 0.00	36.94 2.11 -0.01	34.06 1.92 -0.01	26.18 1.41 0.00
ASTORIA_GT_13 24227	30.73 1.78 0.00	32.05 1.72 0.00	31.60 1.61 0.00	28.39 1.42 0.00	33.77 1.52 0.00	49.17 2.15 0.00	40.69 2.14 0.00	54.69 2.84 0.00	51.18 3.03 0.00	40.61 2.29 0.00	42.13 2.60 0.00	39.62 2.15 -3.69	52.43 3.10 -0.89	42.12 2.53 -1.12	40.19 2.41 -0.68	103.67 2.58 -63.79	68.91 4.71 0.00	60.28 4.08 0.00	70.50 4.83 0.00	52.62 3.32 0.00	46.31 2.54 0.00	36.94 2.11 -0.01	34.06 1.92 -0.01	26.18 1.41 0.00
ASTORIA_GT_5 24106	30.68 1.73 0.00	32.00 1.67 0.00	31.52 1.54 0.00	28.32 1.35 0.00	33.69 1.44 0.00	49.08 2.07 0.00	40.66 2.11 0.00	54.68 2.84 0.00	51.15 3.00 0.00	40.55 2.24 0.00	42.06 2.52 0.00	39.56 2.09 -3.69	52.36 3.03 -0.89	40.91 2.43 0.00	39.41 2.31 -0.01	39.77 2.48 0.00	68.91 4.71 0.00	60.16 3.95 0.00	70.36 4.70 0.00	52.59 3.29 0.00	46.28 2.51 0.00	36.93 2.10 -0.01	34.01 1.86 -0.01	26.10 1.33 0.00
ASTORIA_GT_7 24107	30.68 1.73 0.00	32.00 1.67 0.00	31.52 1.54 0.00	28.32 1.35 0.00	33.69 1.44 0.00	49.08 2.07 0.00	40.66 2.11 0.00	54.68 2.84 0.00	51.15 3.00 0.00	40.55 2.24 0.00	42.06 2.52 0.00	39.56 2.09 -3.69	52.36 3.03 -0.89	40.91 2.43 0.00	39.41 2.31 -0.01	39.77 2.48 0.00	68.91 4.71 0.00	60.16 3.95 0.00	70.36 4.70 0.00	52.59 3.29 0.00	46.28 2.51 0.00	36.93 2.10 -0.01	34.01 1.86 -0.01	26.10 1.33 0.00
ASTORIA_GT_8 24108	30.68 1.73 0.00	32.00 1.67 0.00	31.52 1.54 0.00	28.32 1.35 0.00	33.69 1.44 0.00	49.08 2.07 0.00	40.66 2.11 0.00	54.68 2.84 0.00	51.15 3.00 0.00	40.55 2.24 0.00	42.06 2.52 0.00	39.56 2.09 -3.69	52.36 3.03 -0.89	40.91 2.43 0.00	39.41 2.31 -0.01	39.77 2.48 0.00	68.91 4.71 0.00	60.16 3.95 0.00	70.36 4.70 0.00	52.59 3.29 0.00	46.28 2.51 0.00	36.93 2.10 -0.01	34.01 1.86 -0.01	26.10 1.33 0.00
ASTORIA___2 24149	30.63 1.68 0.00	31.94 1.62 0.00	31.47 1.49 0.00	28.28 1.30 0.00	33.64 1.39 0.00	49.00 1.99 0.00	40.58 2.02 0.00	54.55 2.71 0.00	51.03 2.88 0.00	40.47 2.15 0.00	41.96 2.43 0.01	39.47 2.01 -3.68	52.23 2.91 -0.88	40.80 2.33 0.00	39.32 2.22 -0.01	39.69 2.40 0.00	68.74 4.54 0.00	60.02 3.81 0.00	70.19 4.53 0.00	52.48 3.18 0.00	46.18 2.41 0.00	36.86 2.03 -0.01	33.94 1.80 -0.01	26.05 1.28 0.00
ASTORIA___3 23516	30.73 1.78 0.00	32.05 1.73 0.00	31.60 1.61 0.00	28.39 1.42 0.00	33.77 1.52 0.00	49.17 2.16 0.00	40.69 2.14 0.00	54.69 2.84 0.00	51.18 3.03 0.00	40.61 2.29 0.00	42.13 2.59 0.00	39.62 2.14 -3.69	52.43 3.10 -0.89	42.11 2.53 -1.12	40.19 2.41 -0.68	103.66 2.57 -63.79	68.90 4.71 0.00	60.28 4.08 0.00	70.50 4.84 0.00	52.62 3.32 0.00	46.31 2.53 0.00	36.94 2.11 -0.01	34.06 1.92 -0.01	26.18 1.41 0.00
ASTORIA___4 23517	30.73 1.78 0.00	32.05 1.72 0.00	31.60 1.61 0.00	28.39 1.42 0.00	33.77 1.52 0.00	49.17 2.15 0.00	40.69 2.14 0.00	54.69 2.84 0.00	51.18 3.03 0.00	40.61 2.29 0.00	42.13 2.59 0.00	39.62 2.15 -3.69	52.43 3.10 -0.89	42.12 2.53 -1.12	40.19 2.41 -0.68	103.66 2.58 -63.79	68.90 4.71 0.00	60.28 4.08 0.00	70.49 4.83 0.00	52.62 3.32 0.00	46.31 2.54 0.00	36.94 2.11 -0.01	34.06 1.92 -0.01	26.18 1.41 0.00
ASTORIA___5 23518	30.73 1.78 0.00	32.05 1.73 0.00	31.60 1.61 0.00	28.39 1.42 0.00	33.77 1.52 0.00	49.17 2.16 0.00	40.69 2.14 0.00	54.69 2.84 0.00	51.18 3.03 0.00	40.61 2.30 0.00	42.13 2.59 0.00	39.62 2.14 -3.69	52.43 3.10 -0.89	42.11 2.53 -1.12	40.19 2.41 -0.68	103.66 2.57 -63.79	68.90 4.71 0.00	60.28 4.08 0.00	70.50 4.84 0.00	52.62 3.32 0.00	46.31 2.53 0.00	36.94 2.11 -0.01	34.06 1.92 -0.01	26.18 1.41 0.00
AST_ENERGY_2_CC3 323677	30.58 1.63 0.00	31.89 1.57 0.00	31.44 1.46 0.00	28.24 1.27 0.00	33.59 1.34 0.00	48.97 1.96 0.00	40.52 1.96 0.00	54.48 2.64 0.00	50.97 2.82 0.00	40.44 2.11 0.00	41.93 2.40 0.00	39.44 1.97 -3.69	52.17 2.83 -0.89	40.84 2.37 0.00	39.36 2.26 0.00	39.72 2.43 0.00	68.67 4.47 0.00	60.06 3.85 0.00	70.27 4.60 0.00	52.48 3.18 0.00	46.14 2.37 0.00	36.76 1.93 0.00	33.87 1.73 0.00	26.04 1.27 0.00
AST_ENERGY_2_CC4 323678	30.58 1.63 0.00	31.89 1.57 0.00	31.44 1.46 0.00	28.24 1.27 0.00	33.59 1.34 0.00	48.97 1.96 0.00	40.52 1.96 0.00	54.48 2.64 0.00	50.97 2.82 0.00	40.44 2.11 0.00	41.93 2.40 0.00	39.44 1.97 -3.69	52.17 2.83 -0.89	40.84 2.37 0.00	39.36 2.26 0.00	39.72 2.43 0.00	68.67 4.47 0.00	60.06 3.85 0.00	70.27 4.60 0.00	52.48 3.18 0.00	46.14 2.37 0.00	36.76 1.93 0.00	33.87 1.73 0.00	26.04 1.27 0.00

ATHENS_STG_1 23668	29.75 0.80 0.00	31.13 0.81 0.00	30.79 0.81 0.00	27.67 0.70 0.00	32.96 0.71 0.00	47.93 0.92 0.00	39.48 0.93 0.00	53.15 1.31 0.00	49.58 1.43 0.00	39.32 1.00 0.00	40.66 1.13 0.00	35.54 0.91 -0.85	49.93 1.28 -0.20	39.48 1.01 0.00	38.13 1.03 0.00	38.43 1.14 0.00	66.29 2.09 0.00	58.09 1.89 0.00	68.01 2.34 0.00	50.93 1.63 0.00	44.96 1.19 0.00	35.77 0.95 0.00	32.98 0.84 0.00	25.33 0.57 0.00
ATHENS_STG_2 23670	29.75 0.80 0.00	31.13 0.81 0.00	30.79 0.81 0.00	27.67 0.70 0.00	32.96 0.71 0.00	47.93 0.92 0.00	39.48 0.93 0.00	53.15 1.31 0.00	49.58 1.43 0.00	39.32 1.00 0.00	40.66 1.13 0.00	35.54 0.91 -0.85	49.93 1.28 -0.20	39.48 1.01 0.00	38.13 1.03 0.00	38.43 1.14 0.00	66.29 2.09 0.00	58.09 1.89 0.00	68.01 2.34 0.00	50.93 1.63 0.00	44.96 1.19 0.00	35.77 0.95 0.00	32.98 0.84 0.00	25.33 0.57 0.00
ATHENS_STG_3 23677	29.75 0.80 0.00	31.13 0.81 0.00	30.79 0.81 0.00	27.67 0.70 0.00	32.96 0.71 0.00	47.93 0.92 0.00	39.48 0.93 0.00	53.15 1.31 0.00	49.58 1.43 0.00	39.32 1.00 0.00	40.66 1.13 0.00	35.54 0.91 -0.85	49.93 1.28 -0.20	39.48 1.01 0.00	38.13 1.03 0.00	38.43 1.14 0.00	66.29 2.09 0.00	58.09 1.89 0.00	68.01 2.34 0.00	50.93 1.63 0.00	44.96 1.19 0.00	35.77 0.95 0.00	32.98 0.84 0.00	25.33 0.57 0.00
AUBURN___LFGE 323710	28.99 0.04 0.00	30.38 0.05 0.00	30.02 0.03 0.00	26.91 -0.06 0.00	32.24 -0.02 0.00	47.30 0.28 0.00	38.51 -0.05 0.00	51.65 -0.19 0.00	48.12 -0.03 0.00	38.21 -0.11 0.00	39.47 -0.06 0.00	33.78 0.00 0.00	48.21 -0.23 0.00	38.39 -0.08 0.00	37.10 0.00 0.00	37.20 -0.07 0.02	62.94 -0.30 0.95	53.95 -0.17 2.08	66.01 0.35 0.00	49.52 0.21 0.00	43.80 0.03 0.00	34.68 -0.14 0.00	32.05 -0.08 0.00	24.64 -0.12 0.00
BABYLON_RES_REC 323704	30.90 1.95 0.00	32.30 1.98 0.00	31.65 1.67 0.00	28.31 1.34 0.00	33.71 1.46 0.00	48.94 1.93 0.00	40.35 1.80 0.00	53.77 1.94 0.00	49.79 2.19 0.55	40.39 2.07 0.00	42.02 2.49 0.00	39.49 1.98 -3.73	51.71 2.37 -0.90	39.96 1.95 0.46	38.97 1.87 0.00	39.45 2.15 0.00	68.31 4.12 0.00	59.64 3.44 0.00	69.88 4.21 0.00	52.26 2.96 0.00	46.05 2.27 0.00	36.74 1.91 0.00	34.00 1.86 0.00	26.02 1.25 0.00
BABYLON__69_KV_BK2 356345	31.18 2.23 0.00	32.61 2.29 0.00	32.10 2.11 0.00	28.77 1.80 0.00	34.27 2.02 0.00	49.78 2.77 0.00	41.05 2.49 0.00	54.69 2.86 0.00	50.58 3.00 0.56	41.08 2.76 0.00	42.75 3.22 0.00	40.10 2.60 -3.73	52.57 3.23 -0.90	40.65 2.65 0.47	39.63 2.52 0.00	40.08 2.79 0.00	69.58 5.38 0.00	60.92 4.71 0.00	71.38 5.72 0.00	53.38 4.07 0.00	46.91 3.13 0.00	37.35 2.52 0.00	34.33 2.19 0.00	26.25 1.48 0.00
BALL_HILL_WT_PWR 323825	28.09 -0.87 0.00	29.54 -0.78 0.00	29.13 -0.86 0.00	26.29 -0.68 0.00	31.42 -0.84 0.00	46.89 -0.13 0.00	37.85 -0.71 0.00	50.52 -1.32 0.00	46.58 -1.57 0.00	37.12 -1.20 0.00	45.46 -1.16 -7.09	39.92 -1.11 -7.26	96.16 -1.26 -48.97	65.91 -0.81 -28.25	35.82 -1.27 0.00	35.22 -2.01 0.07	57.47 -4.12 2.60	47.22 -3.51 5.47	63.14 -2.52 0.00	47.19 -2.11 0.00	41.50 -2.27 0.00	32.86 -1.96 0.00	30.76 -1.37 0.00	24.14 -0.63 0.00
BARON_WINDS___WT_PWR 323822	28.02 -0.94 0.00	29.42 -0.91 0.00	28.95 -1.04 0.00	26.09 -0.88 0.00	31.27 -0.98 0.00	46.39 -0.63 0.00	37.90 -0.65 0.00	50.38 -1.46 0.00	46.18 -1.97 0.00	36.68 -1.64 0.00	40.79 -1.60 -2.86	35.35 -1.36 -2.93	66.47 -1.77 -19.79	48.57 -1.32 -11.41	35.40 -1.70 0.00	34.94 -2.23 0.12	55.43 -4.01 4.76	42.59 -3.49 10.12	63.18 -2.48 0.00	46.98 -2.33 0.00	41.03 -2.74 0.00	32.54 -2.29 0.00	30.38 -1.76 0.00	23.66 -1.10 0.00
BARRETT_IC_1 23704	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT_IC_10 23701	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT_IC_11 23702	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT_IC_12 23703	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT_IC_2 23705	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT_IC_3 23706	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT_IC_4 23707	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00

BARRETT_IC_5 23708	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT_IC_6 23709	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT_IC_7 23710	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.11 0.00	40.54 1.98 0.00	54.21 2.37 0.00	50.71 2.58 0.03	40.51 2.19 0.00	42.09 2.56 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.19 2.10 0.00	39.62 2.33 0.00	68.67 4.47 0.00	59.98 3.77 0.00	70.10 4.44 0.00	52.60 3.29 0.00	46.26 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.17 0.00
BARRETT_IC_8 23711	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT_IC_9 23700	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT___1 23545	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BARRETT___2 23546	30.71 1.76 0.00	32.07 1.75 0.00	31.59 1.61 0.00	28.35 1.38 0.00	33.77 1.51 0.00	49.13 2.12 0.00	40.53 1.98 0.00	54.21 2.37 0.00	50.70 2.58 0.03	40.51 2.19 0.00	42.09 2.55 0.00	39.57 2.07 -3.73	51.98 2.64 -0.90	40.57 2.12 0.02	39.20 2.10 0.00	39.62 2.33 0.00	68.67 4.48 0.00	59.98 3.77 0.00	70.10 4.43 0.00	52.59 3.29 0.00	46.25 2.48 0.00	36.81 1.99 0.00	33.84 1.70 0.00	25.93 1.16 0.00
BATAVIA___115KV_TB1 55881	28.46 -0.49 0.00	29.87 -0.45 0.00	29.45 -0.54 0.00	26.58 -0.40 0.00	31.83 -0.42 0.00	47.49 0.48 0.00	38.47 -0.08 0.00	51.63 -0.21 0.00	47.72 -0.43 0.00	38.16 -0.16 0.00	39.73 -0.29 -0.49	34.00 -0.28 -0.50	51.69 -0.15 -3.39	40.36 -0.06 -1.96	36.71 -0.39 0.00	35.92 -1.32 0.05	59.11 -3.00 2.08	49.69 -2.12 4.40	64.80 -0.85 0.00	48.67 -0.63 0.00	42.87 -0.90 0.00	33.95 -0.87 0.00	31.69 -0.45 0.00	24.81 0.04 0.00
BAYONEEC___CTG1 323682	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00
BAYONEEC___CTG10 323750	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00
BAYONEEC___CTG2 323683	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00
BAYONEEC___CTG3 323684	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00
BAYONEEC___CTG4 323685	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00
BAYONEEC___CTG5 323686	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00
BAYONEEC___CTG6 323687	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00

BAYONEEC___CTG7 323688	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00
BAYONEEC___CTG8 323689	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00
BAYONEEC___CTG9 323749	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.63 1.38 0.00	49.02 2.01 0.00	40.54 1.99 0.00	54.50 2.66 0.00	50.99 2.84 0.00	40.44 2.12 0.00	41.94 2.41 0.00	39.45 1.98 -3.69	52.19 2.86 -0.89	40.84 2.37 0.00	39.37 2.27 0.00	39.75 2.45 0.00	68.71 4.52 0.00	60.09 3.89 0.00	70.30 4.64 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.79 1.96 0.00	33.90 1.76 0.00	26.07 1.30 0.00
BEACON___LESR 323632	29.74 0.79 0.00	31.12 0.79 0.00	30.75 0.76 0.00	27.62 0.65 0.00	33.07 0.82 0.00	48.04 1.03 0.00	39.58 1.03 0.00	53.47 1.63 0.00	49.85 1.70 0.00	39.35 1.03 0.00	40.68 1.15 0.00	34.64 0.87 0.00	49.66 1.21 0.00	39.35 0.88 0.00	38.04 0.94 0.00	38.35 1.05 0.00	66.43 2.23 0.00	58.44 2.23 0.00	68.38 2.72 0.00	51.29 1.99 0.00	45.24 1.46 0.00	35.87 1.05 0.00	32.98 0.84 0.00	25.29 0.53 0.00
BEAVER RIVER___HYD 24048	28.29 -0.66 0.00	29.70 -0.62 0.00	29.45 -0.54 0.00	26.76 -0.21 0.00	32.78 0.52 0.00	47.77 0.76 0.00	39.38 0.82 0.00	52.85 1.01 0.00	48.97 0.82 0.00	38.34 0.01 0.00	39.31 -0.22 0.00	33.77 0.00 0.00	48.26 -0.19 0.00	38.10 -0.36 0.00	36.56 -0.54 0.00	36.29 -1.01 0.00	63.08 -1.11 0.00	56.27 0.06 0.00	66.54 0.88 0.00	50.18 0.88 0.00	44.44 0.66 0.00	35.52 0.70 0.00	32.69 0.55 0.00	25.02 0.26 0.00
BEEBEE_GT_13 23619	28.63 -0.32 0.00	30.03 -0.30 0.00	29.63 -0.36 0.00	26.68 -0.29 0.00	31.96 -0.29 0.00	47.32 0.31 0.00	38.47 -0.08 0.00	51.65 -0.19 0.00	47.81 -0.33 0.00	38.15 -0.17 0.00	39.03 -0.15 0.35	33.33 -0.09 0.35	46.07 0.01 2.39	37.13 0.04 1.38	36.92 -0.18 0.00	36.61 -0.64 0.04	60.74 -1.78 1.68	51.39 -1.22 3.60	65.23 -0.43 0.00	48.92 -0.39 0.00	43.16 -0.61 0.00	34.19 -0.64 0.00	31.79 -0.35 0.00	24.75 -0.01 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.86 1.91 0.00	32.15 1.83 0.00	31.70 1.72 0.00	28.48 1.50 0.00	33.87 1.62 0.00	49.37 2.36 0.00	40.94 2.38 0.00	55.12 3.28 0.00	51.59 3.45 0.00	40.95 2.62 0.00	42.50 2.97 0.00	39.92 2.45 -3.69	52.86 3.53 -0.89	42.46 2.87 -1.12	40.56 2.78 -0.68	104.06 2.97 -63.79	69.59 5.39 0.00	60.86 4.65 0.00	71.19 5.53 0.00	53.16 3.85 0.00	46.79 3.02 0.00	37.33 2.50 -0.01	34.36 2.22 -0.01	26.34 1.57 0.00
BETHLEHEM___GRP 23843	29.33 0.38 0.00	30.71 0.38 0.00	30.40 0.41 0.00	27.31 0.34 0.00	32.57 0.32 0.00	47.37 0.35 0.00	38.98 0.42 0.00	52.63 0.79 0.00	49.04 0.89 0.00	38.82 0.51 0.00	40.10 0.56 0.00	34.20 0.42 0.00	49.03 0.58 0.00	38.89 0.42 0.00	37.58 0.48 0.00	37.89 0.60 0.00	65.46 1.27 0.00	57.49 1.29 0.00	67.23 1.57 0.00	50.42 1.12 0.00	44.54 0.77 0.00	35.37 0.55 0.00	32.55 0.41 0.00	24.95 0.19 0.00
BETHLEHEM___GS1 323560	29.33 0.38 0.00	30.71 0.38 0.00	30.40 0.41 0.00	27.31 0.34 0.00	32.58 0.32 0.00	47.36 0.35 0.00	38.98 0.43 0.00	52.63 0.79 0.00	49.04 0.89 0.00	38.82 0.50 0.00	40.10 0.56 0.00	34.20 0.42 0.00	49.03 0.58 0.00	38.89 0.42 0.00	37.58 0.48 0.00	37.89 0.60 0.00	65.46 1.26 0.00	57.49 1.28 0.00	67.23 1.57 0.00	50.42 1.12 0.00	44.54 0.77 0.00	35.37 0.54 0.00	32.55 0.41 0.00	24.95 0.19 0.00
BETHLEHEM___GS2 323561	29.33 0.38 0.00	30.71 0.38 0.00	30.40 0.41 0.00	27.31 0.34 0.00	32.58 0.32 0.00	47.36 0.35 0.00	38.98 0.43 0.00	52.63 0.79 0.00	49.04 0.89 0.00	38.82 0.50 0.00	40.10 0.56 0.00	34.20 0.42 0.00	49.03 0.58 0.00	38.89 0.42 0.00	37.58 0.48 0.00	37.89 0.60 0.00	65.46 1.26 0.00	57.49 1.28 0.00	67.23 1.57 0.00	50.42 1.12 0.00	44.54 0.77 0.00	35.37 0.54 0.00	32.55 0.41 0.00	24.95 0.19 0.00
BETHLEHEM___GS3 323562	29.33 0.38 0.00	30.71 0.38 0.00	30.40 0.41 0.00	27.31 0.34 0.00	32.58 0.32 0.00	47.36 0.35 0.00	38.98 0.43 0.00	52.63 0.79 0.00	49.04 0.89 0.00	38.82 0.50 0.00	40.10 0.56 0.00	34.20 0.42 0.00	49.03 0.58 0.00	38.89 0.42 0.00	37.58 0.48 0.00	37.89 0.60 0.00	65.46 1.26 0.00	57.49 1.28 0.00	67.23 1.57 0.00	50.42 1.12 0.00	44.54 0.77 0.00	35.37 0.54 0.00	32.55 0.41 0.00	24.95 0.19 0.00
BETHLEHEM___STEEL 23779	27.99 -0.96 0.00	29.43 -0.90 0.00	29.02 -0.96 0.00	26.18 -0.79 0.00	31.34 -0.91 0.00	46.76 -0.25 0.00	37.77 -0.78 0.00	50.49 -1.35 0.00	46.54 -1.61 0.00	37.24 -1.08 0.00	44.45 -1.13 -6.05	38.91 -1.06 -6.20	89.00 -1.24 -41.79	61.73 -0.84 -24.10	35.94 -1.16 0.00	35.34 -1.89 0.06	57.56 -4.08 2.56	47.46 -3.37 5.37	63.09 -2.57 0.00	47.22 -2.08 0.00	41.60 -2.17 0.00	32.96 -1.86 0.00	30.88 -1.26 0.00	24.24 -0.52 0.00
BETHLHEM_115KV_TB1 79974	29.39 0.44 0.00	30.78 0.45 0.00	30.46 0.48 0.00	27.37 0.40 0.00	32.65 0.39 0.00	47.47 0.45 0.00	39.06 0.50 0.00	52.72 0.88 0.00	49.14 0.99 0.00	38.90 0.58 0.00	40.18 0.64 0.00	34.27 0.49 0.00	49.13 0.68 0.00	38.97 0.49 0.00	37.65 0.55 0.00	37.97 0.68 0.00	65.58 1.39 0.00	57.57 1.37 0.00	67.36 1.70 0.00	50.51 1.21 0.00	44.62 0.85 0.00	35.44 0.61 0.00	32.62 0.48 0.00	25.02 0.25 0.00
BETHPAGE_CC_5 323564	30.78 1.83 0.00	32.21 1.88 0.00	31.71 1.73 0.00	28.44 1.47 0.00	33.89 1.64 0.00	49.21 2.20 0.00	40.47 1.92 0.00	53.99 2.15 0.00	50.08 2.43 0.51	40.51 2.19 0.00	42.16 2.62 0.00	39.62 2.12 -3.73	52.01 2.67 -0.90	40.23 2.18 0.42	39.21 2.11 0.00	39.61 2.32 0.00	68.65 4.45 0.00	60.11 3.91 0.00	70.42 4.76 0.00	52.62 3.32 0.00	46.24 2.47 0.00	36.82 1.99 0.00	33.88 1.75 0.00	25.96 1.20 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.09 -0.86 0.00	29.52 -0.81 0.00	29.10 -0.88 0.00	26.25 -0.72 0.00	31.44 -0.82 0.00	46.89 -0.13 0.00	37.91 -0.65 0.00	50.68 -1.16 0.00	46.75 -1.40 0.00	37.39 -0.93 0.00	44.39 -0.98 -5.84	38.82 -0.94 -5.98	87.72 -1.07 -40.34	61.04 -0.70 -23.27	36.09 -1.01 0.00	35.48 -1.74 0.06	57.81 -3.81 2.58	47.64 -3.15 5.42	63.33 -2.33 0.00	47.42 -1.88 0.00	41.77 -2.01 0.00	33.09 -1.73 0.00	31.00 -1.14 0.00	24.32 -0.45 0.00

BINGHAMTON___COGEN 23790	29.01 0.06 0.00	30.32 0.00 0.00	29.96 -0.02 0.00	26.95 -0.02 0.00	32.16 -0.09 0.00	47.12 0.11 0.00	38.64 0.09 0.00	52.01 0.17 0.00	48.43 0.28 0.00	38.36 0.04 0.00	40.21 0.19 -0.49	34.41 0.12 -0.50	52.17 0.31 -3.41	40.70 0.27 -1.97	37.32 0.22 0.00	37.46 0.14 -0.03	65.58 0.26 -1.12	58.82 0.22 -2.39	66.37 0.71 0.00	49.73 0.43 0.00	43.91 0.14 0.00	34.87 0.05 0.00	32.22 0.08 0.00	24.85 0.08 0.00
BIXINCNT_115KV_LOAD 355685	28.36 -0.60 0.00	29.77 -0.55 0.00	29.27 -0.71 0.00	26.45 -0.52 0.00	31.70 -0.55 0.00	47.20 0.19 0.00	38.36 -0.19 0.00	51.37 -0.47 0.00	47.54 -0.61 0.00	37.85 -0.47 0.00	44.07 -0.51 -5.04	38.16 -0.78 -5.16	82.39 -0.87 -34.82	58.13 -0.43 -20.08	36.37 -0.73 0.00	35.86 -1.36 0.07	58.21 -3.24 2.74	47.47 -2.96 5.78	63.61 -2.05 0.00	47.75 -1.55 0.00	42.10 -1.67 0.00	33.40 -1.43 0.00	31.21 -0.92 0.00	24.41 -0.36 0.00
BLACK RIVER___HYD 24047	28.31 -0.64 0.00	29.70 -0.63 0.00	29.44 -0.54 0.00	26.77 -0.20 0.00	32.83 0.57 0.00	47.90 0.89 0.00	39.50 0.95 0.00	53.09 1.25 0.00	49.11 0.96 0.00	38.32 0.00 0.00	39.25 -0.28 0.00	33.74 -0.04 0.00	48.32 -0.12 0.00	38.13 -0.34 0.00	36.47 -0.63 0.00	36.14 -1.15 0.00	62.93 -1.27 0.00	56.40 0.19 0.00	67.09 1.43 0.00	50.64 1.34 0.00	44.81 1.04 0.00	35.70 0.87 0.00	32.77 0.63 0.00	25.03 0.27 0.00
BLACKRVR_115KV_TB2 79977	28.31 -0.64 0.00	29.70 -0.63 0.00	29.44 -0.54 0.00	26.77 -0.20 0.00	32.83 0.57 0.00	47.91 0.89 0.00	39.50 0.95 0.00	53.09 1.25 0.00	49.11 0.97 0.00	38.32 0.00 0.00	39.25 -0.28 0.00	33.74 -0.04 0.00	48.32 -0.13 0.00	38.12 -0.34 0.00	36.47 -0.63 0.00	36.14 -1.15 0.00	62.92 -1.27 0.00	56.39 0.18 0.00	67.09 1.43 0.00	50.64 1.34 0.00	44.81 1.04 0.00	35.70 0.87 0.00	32.77 0.63 0.00	25.03 0.27 0.00
BLISS_WT_PWR 323608	28.30 -0.65 0.00	29.73 -0.60 0.00	29.21 -0.77 0.00	26.42 -0.55 0.00	31.67 -0.58 0.00	47.15 0.14 0.00	38.34 -0.21 0.00	51.35 -0.49 0.00	47.52 -0.62 0.00	37.84 -0.47 0.00	44.05 -0.52 -5.04	38.10 -0.84 -5.16	82.29 -0.98 -34.82	58.05 -0.50 -20.08	36.31 -0.79 0.00	35.81 -1.41 0.07	58.09 -3.36 2.74	47.34 -3.08 5.78	63.47 -2.20 0.00	47.66 -1.64 0.00	42.04 -1.73 0.00	33.36 -1.46 0.00	31.17 -0.97 0.00	24.36 -0.41 0.00
BLUESTONE___WT_PWR 323821	29.34 0.39 0.00	29.89 -0.43 0.00	30.64 0.65 0.00	27.47 0.50 0.00	33.11 0.86 0.00	48.61 1.60 0.00	39.37 0.82 0.00	52.60 0.76 0.00	48.80 0.65 0.00	38.83 0.51 0.00	40.76 0.81 -0.42	35.01 0.81 -0.42	52.84 1.54 -2.87	41.10 0.97 -1.65	38.05 0.95 0.00	37.95 0.57 -0.08	69.04 1.63 -3.22	65.65 2.54 -6.90	68.69 3.03 0.00	51.18 1.87 0.00	44.76 0.99 0.00	35.59 0.76 0.00	33.12 0.98 0.00	25.58 0.82 0.00
BLUE_CIRC_CHEM_DRP 24182	29.72 0.76 0.00	31.15 0.82 0.00	30.85 0.87 0.00	27.70 0.73 0.00	33.06 0.80 0.00	48.09 1.07 0.00	39.52 0.97 0.00	53.32 1.48 0.00	49.53 1.38 0.00	39.13 0.80 0.00	40.34 0.81 0.00	34.39 0.61 0.00	49.28 0.83 0.00	39.10 0.63 0.00	37.84 0.74 0.00	38.19 0.90 0.00	66.06 1.86 0.00	58.05 1.84 0.00	68.01 2.35 0.00	51.01 1.71 0.00	45.09 1.31 0.00	35.81 0.99 0.00	32.97 0.83 0.00	25.30 0.54 0.00
BOC_GAS_DRP 24189	29.54 0.59 0.00	30.94 0.62 0.00	30.62 0.64 0.00	27.52 0.55 0.00	32.83 0.57 0.00	47.72 0.71 0.00	39.25 0.70 0.00	52.90 1.06 0.00	49.30 1.13 -0.02	39.07 0.75 0.00	40.37 0.84 0.00	34.45 0.67 0.00	49.37 0.92 0.00	39.18 0.71 0.00	37.84 0.74 0.00	38.13 0.83 0.00	65.79 1.59 0.00	57.70 1.49 0.00	67.51 1.85 0.00	50.62 1.31 0.00	44.74 0.97 0.00	35.57 0.74 0.00	32.77 0.63 0.00	25.16 0.39 0.00
BOONVILLE_115KV_TB1 79983	28.95 0.00 0.00	30.35 0.03 0.00	30.05 0.07 0.00	27.16 0.19 0.00	32.87 0.61 0.00	47.93 0.91 0.00	39.50 0.95 0.00	53.12 1.28 0.00	49.32 1.18 0.00	38.85 0.53 0.00	40.03 0.50 0.00	34.35 0.57 0.00	49.12 0.68 0.00	38.91 0.44 0.00	37.46 0.36 0.00	37.41 0.12 0.00	64.74 0.54 0.00	57.23 1.02 0.00	67.33 1.66 0.00	50.64 1.34 0.00	44.79 1.02 0.00	35.67 0.84 0.00	32.86 0.72 0.00	25.19 0.43 0.00
BORALEX_4TH_BRANCH 23824	30.61 1.66 0.00	32.06 1.74 0.00	31.78 1.80 0.00	28.52 1.55 0.00	33.99 1.74 0.00	49.30 2.29 0.00	40.38 1.83 0.00	54.57 2.73 0.00	50.85 2.71 0.00	40.62 2.30 0.00	41.90 2.37 0.00	36.54 1.96 -0.80	51.52 2.88 -0.19	40.53 2.06 0.00	39.13 2.03 0.00	39.39 2.10 0.00	67.73 3.53 0.00	59.58 3.37 0.00	69.81 4.15 0.00	52.42 3.11 0.00	46.42 2.65 0.00	36.93 2.10 0.00	34.00 1.86 0.00	25.98 1.22 0.00
BOWLINE___1 23526	30.15 1.20 0.00	31.45 1.12 0.00	31.00 1.02 0.00	27.86 0.89 0.00	33.16 0.91 0.00	48.39 1.38 0.00	40.02 1.46 0.00	53.75 1.91 0.00	50.19 2.05 0.00	39.64 1.32 0.00	41.03 1.49 0.00	28.66 1.16 6.27	48.60 1.66 1.51	39.98 1.50 0.00	38.50 1.40 0.00	38.89 1.60 0.00	67.36 3.16 0.00	58.88 2.68 0.00	68.91 3.25 0.00	51.54 2.24 0.00	45.34 1.57 0.00	36.06 1.24 0.00	33.25 1.11 0.00	25.58 0.82 0.00
BOWLINE___2 23595	30.15 1.20 0.00	31.45 1.12 0.00	31.00 1.02 0.00	27.86 0.89 0.00	33.16 0.91 0.00	48.39 1.38 0.00	40.02 1.46 0.00	53.75 1.91 0.00	50.19 2.05 0.00	39.64 1.32 0.00	41.03 1.49 0.00	28.66 1.16 6.28	48.61 1.67 1.51	39.98 1.50 0.00	38.50 1.40 0.00	38.89 1.60 0.00	67.36 3.16 0.00	58.88 2.68 0.00	68.91 3.25 0.00	51.55 2.24 0.00	45.34 1.57 0.00	36.06 1.24 0.00	33.25 1.11 0.00	25.58 0.82 0.00
BRADY___115KV_TB2 356060	29.13 0.18 0.00	30.54 0.21 0.00	30.19 0.20 0.00	27.20 0.23 0.00	32.78 0.52 0.00	47.88 0.86 0.00	39.23 0.68 0.00	52.51 0.66 0.00	48.37 0.22 0.00	38.46 0.14 0.00	39.20 -0.33 0.00	33.74 -0.04 0.00	48.29 -0.15 0.00	38.47 0.00 0.00	36.94 -0.16 0.00	37.06 -0.23 0.00	64.03 -0.17 0.00	56.09 -0.12 0.00	65.59 -0.08 0.00	49.34 0.04 0.00	44.07 0.30 0.00	35.26 0.43 0.00	32.57 0.43 0.00	25.21 0.45 0.00
BRANSCOMB___SOLAR 323811	30.54 1.59 0.00	31.96 1.63 0.00	31.64 1.66 0.00	28.44 1.47 0.00	34.02 1.77 0.00	49.48 2.46 0.00	40.72 2.16 0.00	54.96 3.12 0.00	51.20 3.05 0.00	40.62 2.30 0.00	42.79 3.26 0.00	36.01 2.23 0.00	50.88 2.43 0.00	40.34 1.87 0.00	38.94 1.84 0.00	39.24 1.95 0.00	67.94 3.74 0.00	59.77 3.57 0.00	70.11 4.45 0.00	52.68 3.38 0.00	46.53 2.76 0.00	36.89 2.06 0.00	33.93 1.79 0.00	25.99 1.22 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	31.10 2.15 0.00	32.54 2.22 0.00	32.04 2.06 0.00	28.73 1.76 0.00	34.23 1.98 0.00	49.69 2.68 0.00	40.95 2.40 0.00	54.48 2.64 0.00	50.27 2.73 0.60	40.94 2.62 0.00	42.59 3.06 0.00	40.00 2.50 -3.73	52.46 3.12 -0.90	40.54 2.58 0.51	39.49 2.39 0.00	39.93 2.63 0.00	69.30 5.10 0.00	60.68 4.47 0.00	71.00 5.34 0.00	53.08 3.77 0.00	46.66 2.89 0.00	37.20 2.38 0.00	34.17 2.03 0.00	26.12 1.35 0.00

BRISTLHL_115KV_TB1 79998	28.38 -0.57 0.00	29.71 -0.61 0.00	29.36 -0.62 0.00	26.43 -0.55 0.00	31.60 -0.65 0.00	46.16 -0.86 0.00	37.77 -0.78 0.00	50.80 -1.04 0.00	47.18 -0.97 0.00	37.45 -0.87 0.00	38.67 -0.86 0.00	33.08 -0.70 0.00	47.49 -0.95 0.00	37.67 -0.80 0.00	36.25 -0.85 0.00	36.42 -0.87 0.00	62.63 -1.57 0.00	55.02 -1.19 0.00	64.62 -1.05 0.00	48.50 -0.80 0.00	42.93 -0.85 0.00	34.06 -0.77 0.00	31.42 -0.72 0.00	24.24 -0.52 0.00
BROOKHAVEN___DRP 24191	31.01 2.06 0.00	32.45 2.12 0.00	31.96 1.97 0.00	28.65 1.68 0.00	34.13 1.88 0.00	49.51 2.49 0.00	40.80 2.25 0.00	54.20 2.36 0.00	50.05 2.52 0.61	40.66 2.34 0.00	42.35 2.81 0.00	39.87 2.36 -3.73	52.37 3.03 -0.90	40.08 2.13 0.52	38.94 1.84 0.00	39.45 2.16 0.00	69.10 4.90 0.00	60.89 4.68 0.00	71.37 5.71 0.00	53.32 4.02 0.00	46.75 2.98 0.00	37.14 2.31 0.00	34.06 1.92 0.00	26.07 1.31 0.00
BROOKLYN_NAVY_YARD 23515	30.56 1.61 0.00	31.86 1.54 0.00	31.42 1.44 0.00	28.23 1.26 0.00	33.57 1.31 0.00	48.93 1.92 0.00	40.49 1.94 0.00	54.43 2.59 0.00	50.92 2.77 0.00	40.39 2.07 0.00	41.85 2.32 0.00	39.39 1.92 -3.69	52.11 2.78 -0.89	40.81 2.34 0.00	39.31 2.21 0.00	39.68 2.39 0.00	68.60 4.40 0.00	60.03 3.82 0.00	70.23 4.57 0.00	52.47 3.17 0.00	46.12 2.35 0.00	36.75 1.93 0.00	33.84 1.71 0.00	26.01 1.25 0.00
BROOKLYN___ARMY_DRP 323595	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.72 2.25 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
BROOKVLE_69_KV_TB1 55790	30.91 1.96 0.00	32.29 1.97 0.00	31.82 1.83 0.00	28.55 1.57 0.00	34.02 1.76 0.00	49.47 2.45 0.00	40.83 2.27 0.00	54.42 2.57 0.00	50.71 2.84 0.27	40.72 2.40 0.00	42.42 2.89 0.00	39.87 2.37 -3.73	52.29 2.95 -0.90	40.70 2.44 0.21	39.47 2.37 0.00	39.87 2.58 0.00	69.11 4.91 0.00	60.49 4.28 0.00	71.02 5.36 0.00	52.93 3.63 0.00	46.55 2.78 0.00	37.11 2.28 0.00	34.11 1.98 0.00	26.12 1.36 0.00
BROOME_2_LFGE 323671	29.01 0.06 0.00	30.32 0.00 0.00	29.96 -0.03 0.00	26.95 -0.02 0.00	32.16 -0.09 0.00	47.12 0.11 0.00	38.64 0.09 0.00	52.01 0.17 0.00	48.43 0.29 0.00	38.36 0.04 0.00	40.22 0.19 -0.49	34.41 0.13 -0.50	52.16 0.31 -3.41	40.70 0.27 -1.97	37.32 0.22 0.00	37.46 0.14 -0.03	65.58 0.26 -1.12	58.82 0.22 -2.39	66.37 0.71 0.00	49.73 0.43 0.00	43.91 0.14 0.00	34.87 0.05 0.00	32.22 0.08 0.00	24.85 0.08 0.00
BROOME___LFGE 323600	29.01 0.06 0.00	30.32 0.00 0.00	29.96 -0.03 0.00	26.95 -0.02 0.00	32.16 -0.09 0.00	47.12 0.11 0.00	38.64 0.09 0.00	52.01 0.17 0.00	48.43 0.29 0.00	38.36 0.04 0.00	40.22 0.19 -0.49	34.41 0.13 -0.50	52.16 0.31 -3.41	40.70 0.27 -1.97	37.32 0.22 0.00	37.46 0.14 -0.03	65.58 0.26 -1.12	58.82 0.22 -2.39	66.37 0.71 0.00	49.73 0.43 0.00	43.91 0.14 0.00	34.87 0.05 0.00	32.22 0.08 0.00	24.85 0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	28.51 -0.45 0.00	29.90 -0.42 0.00	29.62 -0.36 0.00	26.82 -0.15 0.00	32.64 0.39 0.00	47.61 0.60 0.00	39.13 0.57 0.00	52.33 0.49 0.00	48.40 0.25 0.00	38.18 -0.14 0.00	39.05 -0.48 0.00	33.54 -0.23 0.00	47.94 -0.51 0.00	37.93 -0.55 0.00	36.39 -0.71 0.00	36.29 -1.00 0.00	62.92 -1.28 0.00	55.73 -0.48 0.00	65.57 -0.09 0.00	49.38 0.07 0.00	43.88 0.10 0.00	35.14 0.32 0.00	32.42 0.28 0.00	24.97 0.20 0.00
BROWNSV1_27_KV_LOAD 356125	30.82 1.87 0.00	32.13 1.81 0.00	31.68 1.70 0.00	28.45 1.48 0.00	33.85 1.60 0.00	49.35 2.34 0.00	40.85 2.29 0.00	54.96 3.12 0.00	51.43 3.28 0.00	40.80 2.48 0.00	42.31 2.77 0.00	39.76 2.28 -3.69	52.64 3.31 -0.89	41.20 2.74 0.00	39.73 2.63 0.00	40.09 2.80 0.00	69.28 5.08 0.00	60.60 4.39 0.00	70.89 5.22 0.00	52.97 3.66 0.00	46.56 2.79 0.00	37.07 2.25 0.00	34.16 2.02 0.00	26.25 1.49 0.00
BURROWS___LYONSDAL 23803	28.71 -0.24 0.00	30.12 -0.20 0.00	29.84 -0.14 0.00	27.02 0.05 0.00	32.84 0.59 0.00	47.87 0.85 0.00	39.45 0.90 0.00	53.04 1.19 0.00	49.26 1.11 0.00	38.73 0.41 0.00	39.87 0.34 0.00	34.22 0.45 0.00	48.90 0.45 0.00	38.69 0.22 0.00	37.23 0.13 0.00	37.11 -0.19 0.00	64.29 0.10 0.00	56.98 0.77 0.00	67.11 1.45 0.00	50.53 1.23 0.00	44.70 0.92 0.00	35.63 0.80 0.00	32.82 0.68 0.00	25.14 0.37 0.00
CAITHNESS_CC_1 323624	30.93 1.98 0.00	32.37 2.05 0.00	31.87 1.89 0.00	28.58 1.61 0.00	34.04 1.79 0.00	49.38 2.37 0.00	40.69 2.14 0.00	54.06 2.23 0.00	49.91 2.38 0.61	40.57 2.25 0.00	42.25 2.72 0.00	39.76 2.26 -3.73	52.21 2.87 -0.90	40.01 2.06 0.52	38.91 1.81 0.00	39.40 2.11 0.00	68.89 4.70 0.00	60.65 4.44 0.00	71.06 5.40 0.00	53.11 3.80 0.00	46.58 2.81 0.00	37.02 2.19 0.00	33.96 1.82 0.00	25.99 1.23 0.00
CALPINE BETH_PAGE_GT4 24209	30.84 1.88 0.00	32.24 1.92 0.00	31.75 1.77 0.00	28.48 1.51 0.00	33.93 1.68 0.00	49.27 2.26 0.00	40.51 1.95 0.00	54.06 2.22 0.00	50.18 2.50 0.46	40.52 2.20 0.00	42.24 2.70 0.00	39.71 2.20 -3.73	52.14 2.80 -0.90	40.39 2.29 0.37	39.30 2.20 0.00	39.70 2.41 0.00	68.84 4.65 0.00	60.27 4.06 0.00	70.60 4.94 0.00	52.76 3.46 0.00	46.36 2.59 0.00	36.91 2.09 0.00	33.95 1.81 0.00	26.01 1.25 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.84 1.88 0.00	32.24 1.92 0.00	31.75 1.77 0.00	28.48 1.51 0.00	33.93 1.68 0.00	49.27 2.26 0.00	40.51 1.95 0.00	54.06 2.22 0.00	50.18 2.49 0.46	40.52 2.20 0.00	42.24 2.70 0.00	39.70 2.20 -3.73	52.13 2.79 -0.90	40.39 2.29 0.37	39.30 2.20 0.00	39.70 2.41 0.00	68.84 4.65 0.00	60.27 4.06 0.00	70.60 4.94 0.00	52.76 3.46 0.00	46.36 2.59 0.00	36.91 2.09 0.00	33.94 1.81 0.00	26.01 1.25 0.00
CALPINE_BP_GT1 23823	30.84 1.88 0.00	32.24 1.92 0.00	31.75 1.77 0.00	28.48 1.51 0.00	33.93 1.68 0.00	49.27 2.26 0.00	40.51 1.95 0.00	54.06 2.22 0.00	50.18 2.49 0.46	40.52 2.20 0.00	42.24 2.70 0.00	39.70 2.20 -3.73	52.13 2.79 -0.90	40.39 2.29 0.37	39.30 2.20 0.00	39.70 2.41 0.00	68.84 4.65 0.00	60.27 4.06 0.00	70.60 4.94 0.00	52.76 3.46 0.00	46.36 2.59 0.00	36.91 2.09 0.00	33.94 1.81 0.00	26.01 1.25 0.00
CALSPAN___DRP 24200	27.99 -0.96 0.00	29.43 -0.90 0.00	29.02 -0.96 0.00	26.18 -0.79 0.00	31.34 -0.91 0.00	46.76 -0.25 0.00	37.77 -0.78 0.00	50.49 -1.35 0.00	46.54 -1.61 0.00	37.24 -1.08 0.00	44.45 -1.13 -6.05	38.91 -1.06 -6.20	89.00 -1.24 -41.79	61.73 -0.84 -24.10	35.94 -1.16 0.00	35.34 -1.89 0.06	57.56 -4.08 2.56	47.46 -3.37 5.37	63.09 -2.57 0.00	47.22 -2.08 0.00	41.60 -2.17 0.00	32.96 -1.86 0.00	30.88 -1.26 0.00	24.24 -0.52 0.00

CALVERTON___SOLAR 323806	31.10 2.15 0.00	32.55 2.23 0.00	32.05 2.07 0.00	28.74 1.77 0.00	34.23 1.98 0.00	49.64 2.63 0.00	40.90 2.35 0.00	54.32 2.48 0.00	50.16 2.63 0.61	40.74 2.42 0.00	42.44 2.91 0.00	39.96 2.46 -3.73	52.54 3.19 -0.90	40.12 2.17 0.52	38.96 1.86 0.00	39.48 2.19 0.00	69.31 5.12 0.00	61.15 4.94 0.00	71.69 6.03 0.00	53.56 4.25 0.00	46.94 3.16 0.00	37.26 2.44 0.00	34.16 2.02 0.00	26.14 1.38 0.00
CANDIGU_WT_PWR 323617	28.02 -0.94 0.00	29.42 -0.91 0.00	28.95 -1.04 0.00	26.09 -0.88 0.00	31.27 -0.98 0.00	46.39 -0.63 0.00	37.90 -0.65 0.00	50.38 -1.46 0.00	46.18 -1.97 0.00	36.68 -1.64 0.00	40.79 -1.60 -2.86	35.35 -1.36 -2.93	66.47 -1.77 -19.79	48.57 -1.32 -11.41	35.40 -1.70 0.00	34.94 -2.23 0.12	55.43 -4.01 4.76	42.59 -3.49 10.12	63.18 -2.48 0.00	46.98 -2.33 0.00	41.03 -2.74 0.00	32.54 -2.29 0.00	30.38 -1.76 0.00	23.66 -1.10 0.00
CARR STREET_E_SYR 24060	28.60 -0.36 0.00	29.94 -0.39 0.00	29.59 -0.39 0.00	26.63 -0.34 0.00	31.83 -0.43 0.00	46.52 -0.49 0.00	38.08 -0.47 0.00	51.20 -0.64 0.00	47.57 -0.58 0.00	37.77 -0.55 0.00	39.05 -0.48 0.00	33.37 -0.40 0.00	47.94 -0.51 0.00	38.06 -0.41 0.00	36.66 -0.44 0.00	36.75 -0.54 0.00	63.18 -1.01 0.00	55.46 -0.74 0.00	65.16 -0.50 0.00	48.88 -0.42 0.00	43.24 -0.54 0.00	34.29 -0.53 0.00	31.67 -0.47 0.00	24.43 -0.33 0.00
CARTHAGE___PAPER 23857	28.46 -0.49 0.00	29.86 -0.47 0.00	29.61 -0.38 0.00	26.91 -0.07 0.00	32.99 0.73 0.00	48.11 1.10 0.00	39.69 1.14 0.00	53.29 1.45 0.00	49.29 1.14 0.00	38.48 0.16 0.00	39.37 -0.16 0.00	33.85 0.07 0.00	48.47 0.02 0.00	38.26 -0.21 0.00	36.70 -0.40 0.00	36.35 -0.95 0.00	63.33 -0.87 0.00	56.64 0.43 0.00	67.17 1.51 0.00	50.70 1.40 0.00	44.89 1.11 0.00	35.83 1.01 0.00	32.92 0.78 0.00	25.17 0.41 0.00
CASSADAGA_WT_PWR 323784	28.37 -0.58 0.00	30.06 -0.26 0.00	29.60 -0.38 0.00	26.73 -0.24 0.00	31.95 -0.31 0.00	47.82 0.81 0.00	38.75 0.19 0.00	51.98 0.14 0.00	48.09 -0.05 0.00	38.21 -0.10 0.00	45.30 -0.01 -5.78	39.55 -0.15 -5.92	88.51 0.13 -39.93	61.88 0.37 -23.03	36.62 -0.48 0.00	35.87 -1.35 0.07	58.54 -2.89 2.77	47.71 -2.66 5.85	64.20 -1.46 0.00	47.88 -1.42 0.00	42.11 -1.66 0.00	33.19 -1.63 0.00	30.97 -1.18 0.00	24.30 -0.47 0.00
CE_DUNWOOD___DRP 24194	30.47 1.51 0.00	31.78 1.46 0.00	31.34 1.36 0.00	28.14 1.17 0.00	33.49 1.24 0.00	48.81 1.80 0.00	40.34 1.79 0.00	54.27 2.43 0.00	50.76 2.61 0.00	40.25 1.93 0.00	41.70 2.17 0.00	39.60 1.76 -4.06	51.94 2.52 -0.98	40.55 2.08 0.00	39.09 1.99 0.00	39.45 2.15 0.00	68.24 4.04 0.00	59.70 3.50 0.00	69.87 4.21 0.00	52.22 2.92 0.00	45.94 2.17 0.00	36.56 1.74 0.00	33.69 1.55 0.00	25.88 1.11 0.00
CE_MILLWOOD___DRP 24193	30.39 1.44 0.00	31.71 1.39 0.00	31.27 1.29 0.00	28.09 1.12 0.00	33.44 1.18 0.00	48.75 1.73 0.00	40.28 1.73 0.00	54.17 2.33 0.00	50.66 2.51 0.00	40.15 1.83 0.00	41.59 2.06 0.00	55.72 1.66 -20.28	55.70 2.38 -4.87	40.44 1.97 0.00	39.00 1.90 0.00	39.35 2.06 0.00	68.07 3.87 0.00	59.56 3.35 0.00	69.71 4.05 0.00	52.10 2.80 0.00	45.85 2.08 0.00	36.49 1.66 0.00	33.62 1.48 0.00	25.82 1.05 0.00
CE_NYC2_DRP 24202	30.74 1.79 0.00	32.05 1.72 0.00	31.61 1.62 0.00	28.40 1.43 0.00	33.78 1.52 0.00	49.20 2.19 0.00	40.73 2.17 0.00	54.75 2.91 0.00	51.24 3.09 0.00	40.65 2.33 0.00	42.17 2.64 0.00	39.65 2.18 -3.69	52.47 3.14 -0.89	42.17 2.58 -1.12	40.24 2.46 -0.68	103.72 2.63 -63.79	68.99 4.79 0.00	60.34 4.13 0.00	70.58 4.92 0.00	52.70 3.39 0.00	46.35 2.58 0.00	36.98 2.15 -0.01	34.08 1.94 -0.01	26.19 1.42 0.00
CE_NYC_DRP 24195	30.66 1.70 0.00	31.97 1.64 0.00	31.51 1.53 0.00	28.31 1.34 0.00	33.68 1.43 0.00	49.09 2.07 0.00	40.62 2.07 0.00	54.64 2.79 0.00	51.13 2.98 0.00	40.55 2.24 0.00	42.06 2.53 0.00	39.56 2.08 -3.69	52.35 3.02 -0.89	40.97 2.50 0.00	39.49 2.39 0.00	39.85 2.56 0.00	68.88 4.68 0.00	60.24 4.03 0.00	70.49 4.83 0.00	52.63 3.33 0.00	46.27 2.50 0.00	36.85 2.03 0.00	33.96 1.82 0.00	26.10 1.34 0.00
CHAFFEE___LFGE 323603	28.12 -0.84 0.00	29.53 -0.79 0.00	29.12 -0.86 0.00	26.28 -0.69 0.00	31.46 -0.80 0.00	46.92 -0.09 0.00	37.96 -0.59 0.00	50.77 -1.07 0.00	46.86 -1.29 0.00	37.47 -0.85 0.00	44.19 -0.90 -5.55	38.61 -0.86 -5.69	85.86 -0.94 -38.36	59.99 -0.60 -22.13	36.17 -0.93 0.00	35.57 -1.66 0.07	57.90 -3.64 2.65	47.64 -2.98 5.58	63.51 -2.16 0.00	47.57 -1.73 0.00	41.90 -1.88 0.00	33.19 -1.64 0.00	31.06 -1.08 0.00	24.36 -0.41 0.00
CHATEAUG_35_KV_LOAD 355732	27.82 -1.13 0.00	29.23 -1.10 0.00	28.96 -1.03 0.00	26.04 -0.93 0.00	32.04 -0.21 0.00	47.24 0.23 0.00	39.20 0.65 0.00	52.39 0.54 0.00	48.34 0.19 0.00	38.43 0.11 0.00	39.33 -0.20 0.00	33.58 -0.20 0.00	47.43 -1.01 0.00	37.97 -0.50 0.00	36.87 -0.23 0.00	37.26 -0.04 0.00	64.46 0.27 0.00	56.61 0.40 0.00	66.33 0.67 0.00	49.37 0.06 0.00	43.84 0.07 0.00	35.38 0.56 0.00	32.52 0.38 0.00	25.12 0.35 0.00
CHATEAUG_WT_PWR 323614	27.19 -1.76 0.00	28.55 -1.77 0.00	28.39 -1.60 0.00	25.57 -1.40 0.00	32.08 -0.17 0.00	47.73 0.72 0.00	39.88 1.33 0.00	53.11 1.27 0.00	49.04 0.89 0.00	38.77 0.45 0.00	39.80 0.26 0.00	33.97 0.19 0.00	47.43 -1.02 0.00	38.08 -0.39 0.00	37.10 0.00 0.00	37.69 0.40 0.00	65.61 1.41 0.00	57.65 1.44 0.00	67.83 2.17 0.00	50.06 0.76 0.00	44.20 0.43 0.00	35.97 1.14 0.00	32.97 0.83 0.00	25.42 0.65 0.00
CHAT_HIGH_FALL_HYD 323578	27.82 -1.13 0.00	29.23 -1.10 0.00	28.96 -1.03 0.00	26.04 -0.93 0.00	32.04 -0.21 0.00	47.24 0.23 0.00	39.20 0.65 0.00	52.39 0.54 0.00	48.34 0.19 0.00	38.43 0.11 0.00	39.33 -0.20 0.00	33.58 -0.20 0.00	47.43 -1.01 0.00	37.97 -0.50 0.00	36.87 -0.23 0.00	37.26 -0.04 0.00	64.46 0.27 0.00	56.61 0.40 0.00	66.33 0.67 0.00	49.37 0.06 0.00	43.84 0.07 0.00	35.38 0.56 0.00	32.52 0.38 0.00	25.12 0.35 0.00
CHAUTAUQUA___LFGE 323629	28.25 -0.70 0.00	29.78 -0.54 0.00	29.35 -0.63 0.00	26.49 -0.48 0.00	31.63 -0.62 0.00	47.27 0.26 0.00	38.13 -0.43 0.00	50.90 -0.95 0.00	46.95 -1.20 0.00	37.31 -1.01 0.00	45.06 -0.93 -6.45	39.46 -0.93 -6.61	92.08 -0.96 -44.58	63.65 -0.53 -25.72	35.96 -1.14 0.00	35.30 -1.93 0.07	57.65 -3.90 2.65	47.30 -3.33 5.58	63.56 -2.10 0.00	47.46 -1.85 0.00	41.71 -2.06 0.00	32.99 -1.83 0.00	30.85 -1.29 0.00	24.20 -0.57 0.00
CHERRYST_13_KV_LD 356241	30.73 1.78 0.00	32.04 1.72 0.00	31.59 1.60 0.00	28.38 1.41 0.00	33.77 1.51 0.00	49.22 2.21 0.00	40.75 2.20 0.00	54.82 2.98 0.00	51.31 3.16 0.00	40.71 2.38 0.00	42.22 2.69 0.00	39.69 2.22 -3.69	52.55 3.21 -0.89	41.12 2.65 0.00	39.64 2.54 0.00	40.00 2.71 0.00	69.12 4.92 0.00	60.45 4.24 0.00	70.70 5.04 0.00	52.79 3.49 0.00	46.39 2.62 0.00	36.95 2.13 0.00	34.04 1.91 0.00	26.16 1.40 0.00

CHESTROR_138KV_BK263 355645	30.04 1.09 0.00	31.35 1.03 0.00	30.93 0.95 0.00	27.79 0.82 0.00	33.11 0.86 0.00	48.28 1.27 0.00	39.87 1.31 0.00	53.61 1.77 0.00	50.03 1.89 0.00	39.56 1.24 0.00	40.92 1.39 0.00	30.51 1.09 4.36	48.95 1.56 1.05	39.82 1.35 0.00	38.40 1.31 0.00	38.76 1.46 0.00	67.09 2.89 0.00	58.70 2.49 0.00	68.74 3.08 0.00	51.43 2.12 0.00	45.29 1.51 0.00	36.02 1.19 0.00	33.20 1.06 0.00	25.53 0.77 0.00
CH_MIDHUDSON___DRP 24192	30.33 1.38 0.00	31.66 1.33 0.00	31.24 1.26 0.00	28.07 1.10 0.00	33.43 1.18 0.00	48.71 1.70 0.00	40.22 1.67 0.00	54.18 2.34 0.00	50.63 2.48 0.00	40.14 1.81 0.00	41.54 2.01 0.00	35.41 1.63 0.00	50.78 2.33 0.00	40.38 1.91 0.00	38.96 1.86 0.00	39.30 2.00 0.00	67.93 3.73 0.00	59.50 3.30 0.00	69.69 4.03 0.00	52.11 2.81 0.00	45.89 2.11 0.00	36.48 1.66 0.00	33.60 1.47 0.00	25.79 1.02 0.00
CH_MISC_IPPS 23765	30.49 1.54 0.00	31.82 1.50 0.00	31.40 1.41 0.00	28.21 1.24 0.00	33.60 1.35 0.00	48.98 1.97 0.00	40.49 1.94 0.00	54.53 2.69 0.00	50.93 2.78 0.00	40.29 1.98 0.00	41.70 2.17 0.00	35.55 1.78 0.00	51.00 2.55 0.00	40.59 2.12 0.00	39.16 2.06 0.00	39.51 2.22 0.00	68.34 4.15 0.00	59.85 3.65 0.00	70.14 4.48 0.00	52.43 3.13 0.00	46.13 2.36 0.00	36.67 1.84 0.00	33.77 1.63 0.00	25.92 1.15 0.00
CH_RES_BVR_FALLS 23983	28.36 -0.60 0.00	29.77 -0.56 0.00	29.47 -0.52 0.00	26.63 -0.34 0.00	32.10 -0.15 0.00	46.64 -0.37 0.00	38.28 -0.27 0.00	51.41 -0.43 0.00	47.71 -0.43 0.00	38.06 -0.26 0.00	39.17 -0.37 0.00	33.48 -0.30 0.00	47.82 -0.63 0.00	37.78 -0.69 0.00	36.49 -0.61 0.00	36.68 -0.61 0.00	63.12 -1.07 0.00	55.34 -0.86 0.00	64.71 -0.95 0.00	48.62 -0.68 0.00	43.25 -0.52 0.00	34.60 -0.22 0.00	31.97 -0.17 0.00	24.63 -0.14 0.00
CH_RES_NIAGARA 23895	27.15 -1.80 0.00	28.59 -1.74 0.00	28.21 -1.77 0.00	25.46 -1.51 0.00	30.51 -1.74 0.00	45.57 -1.44 0.00	36.62 -1.93 0.00	48.87 -2.97 0.00	45.04 -3.11 0.00	36.22 -2.10 0.00	36.71 -2.21 0.62	31.28 -1.87 0.63	41.77 -2.41 4.26	34.08 -1.93 2.46	34.95 -2.15 0.00	34.36 -2.87 0.06	55.88 -6.03 2.29	46.43 -5.00 4.78	60.99 -4.68 0.00	45.71 -3.60 0.00	40.34 -3.43 0.00	32.05 -2.77 0.00	30.15 -1.99 0.00	23.74 -1.02 0.00
CH_RES_SYRACUSE 23985	28.75 -0.20 0.00	30.10 -0.23 0.00	29.74 -0.24 0.00	26.75 -0.23 0.00	31.99 -0.27 0.00	46.78 -0.23 0.00	38.27 -0.28 0.00	51.43 -0.41 0.00	47.76 -0.38 0.00	37.93 -0.39 0.00	39.22 -0.31 0.00	33.53 -0.25 0.00	48.10 -0.34 0.00	38.21 -0.26 0.00	36.82 -0.28 0.00	36.93 -0.36 0.00	63.50 -0.70 0.00	55.51 -0.45 0.25	65.50 -0.16 0.00	49.14 -0.17 0.00	43.47 -0.30 0.00	34.47 -0.35 0.00	31.82 -0.32 0.00	24.54 -0.23 0.00
CLINTON_WT_PWR 323605	27.19 -1.76 0.00	28.55 -1.77 0.00	28.39 -1.60 0.00	25.57 -1.40 0.00	32.08 -0.17 0.00	47.73 0.72 0.00	39.88 1.33 0.00	53.11 1.27 0.00	49.04 0.89 0.00	38.77 0.45 0.00	39.80 0.26 0.00	33.97 0.19 0.00	47.43 -1.02 0.00	38.08 -0.39 0.00	37.10 0.00 0.00	37.69 0.40 0.00	65.61 1.41 0.00	57.65 1.44 0.00	67.83 2.17 0.00	50.06 0.76 0.00	44.20 0.43 0.00	35.97 1.14 0.00	32.97 0.83 0.00	25.42 0.65 0.00
CLINTON___LFGE 323618	27.84 -1.11 0.00	29.23 -1.10 0.00	28.98 -1.01 0.00	26.06 -0.91 0.00	32.38 0.13 0.00	48.07 1.06 0.00	40.03 1.47 0.00	53.45 1.60 0.00	49.39 1.24 0.00	39.17 0.85 0.00	40.13 0.59 0.00	34.28 0.51 0.00	48.09 -0.36 0.00	38.43 -0.04 0.00	37.40 0.30 0.00	37.98 0.69 0.00	65.96 1.77 0.00	57.96 1.75 0.00	68.14 2.48 0.00	50.53 1.22 0.00	44.64 0.86 0.00	36.14 1.31 0.00	33.12 0.98 0.00	25.52 0.76 0.00
COBBLENY_34_KV_TB1 80064	28.12 -0.83 0.00	29.54 -0.79 0.00	29.12 -0.86 0.00	26.28 -0.69 0.00	31.46 -0.80 0.00	46.92 -0.09 0.00	37.96 -0.59 0.00	50.77 -1.07 0.00	46.86 -1.29 0.00	37.47 -0.85 0.00	44.18 -0.90 -5.55	38.60 -0.86 -5.69	85.85 -0.96 -38.36	59.99 -0.61 -22.13	36.17 -0.94 0.00	35.56 -1.67 0.07	57.87 -3.68 2.65	47.63 -2.99 5.58	63.52 -2.15 0.00	47.57 -1.73 0.00	41.90 -1.88 0.00	33.19 -1.64 0.00	31.06 -1.08 0.00	24.36 -0.41 0.00
COFFEEN___115KV_TB3 355620	28.54 -0.41 0.00	29.94 -0.39 0.00	29.67 -0.31 0.00	26.97 -0.01 0.00	33.03 0.78 0.00	48.24 1.23 0.00	39.81 1.26 0.00	53.52 1.68 0.00	49.44 1.30 0.00	38.48 0.16 0.00	39.36 -0.17 0.00	33.87 0.09 0.00	48.65 0.20 0.00	38.41 -0.06 0.00	36.64 -0.46 0.00	36.33 -0.97 0.00	63.36 -0.83 0.00	56.82 0.61 2.02	67.69 2.02 1.84	51.14 1.44 0.00	45.22 1.44 0.00	35.99 1.16 0.00	33.03 0.89 0.00	25.21 0.45 0.00
COLDSPRG_115KV_BK1 355956	28.97 0.02 0.00	30.47 0.14 0.00	29.98 -0.01 0.00	27.02 0.05 0.00	32.35 0.09 0.00	48.27 1.26 0.00	39.46 0.91 0.00	53.19 1.34 0.00	49.20 1.05 0.00	39.04 0.72 0.00	45.31 0.88 -4.90	39.38 0.58 -5.02	83.38 1.10 -33.83	59.15 1.17 -19.51	37.57 0.48 0.00	36.95 -0.27 0.07	60.14 -1.13 2.93	48.54 -1.48 6.19	65.30 -0.36 0.00	48.80 -0.50 0.00	42.92 -0.85 0.00	33.91 -0.92 0.00	31.67 -0.48 0.00	24.78 0.02 0.00
COLONIE_LFGE___ 323577	30.14 1.19 0.00	31.56 1.24 0.00	31.24 1.26 0.00	28.06 1.09 0.00	33.51 1.26 0.00	48.69 1.68 0.00	40.00 1.45 0.00	53.97 2.13 0.00	50.25 2.11 0.00	39.81 1.49 0.00	41.08 1.54 0.00	35.03 1.26 0.00	50.26 1.82 0.00	39.84 1.37 0.00	38.48 1.38 0.00	38.78 1.49 0.00	66.97 2.77 0.00	58.84 2.63 0.00	68.90 3.24 0.00	51.70 2.40 0.00	45.71 1.94 0.00	36.29 1.46 0.00	33.41 1.27 0.00	25.60 0.84 0.00
COOPERNY_115KV_TB1 80082	29.71 0.76 0.00	31.04 0.72 0.00	30.65 0.66 0.00	27.55 0.58 0.00	32.83 0.57 0.00	47.88 0.87 0.00	39.46 0.91 0.00	53.05 1.21 0.00	49.46 1.31 0.00	39.15 0.83 0.00	40.49 0.95 0.00	32.49 0.75 2.05	49.04 1.09 0.49	39.42 0.95 0.00	38.01 0.91 0.00	38.32 1.02 0.00	66.18 1.99 0.00	57.94 1.73 0.00	67.83 2.17 0.00	50.78 1.48 0.00	44.81 1.03 0.00	35.64 0.81 0.00	32.86 0.72 0.00	25.29 0.53 0.00
COPENHAGEN_WT_PWR 323753	27.96 -1.00 0.00	29.37 -0.96 0.00	29.11 -0.88 0.00	26.51 -0.46 0.00	32.59 0.34 0.00	47.52 0.50 0.00	39.15 0.60 0.00	52.59 0.74 0.00	48.74 0.59 0.00	38.10 -0.22 0.00	39.09 -0.45 0.00	33.55 -0.22 0.00	47.89 -0.56 0.00	37.75 -0.73 0.00	36.15 -0.95 0.00	35.78 -1.51 0.00	62.23 -1.97 0.00	55.86 -0.34 0.00	66.47 0.81 0.00	50.18 0.88 0.00	44.39 0.62 0.00	35.39 0.56 0.00	32.48 0.34 0.00	24.79 0.02 0.00
CORNELL_____ 23752	29.26 0.31 0.00	30.58 0.26 0.00	30.25 0.27 0.00	27.22 0.25 0.00	32.54 0.29 0.00	47.64 0.63 0.00	39.15 0.60 0.00	52.71 0.87 0.00	48.92 0.77 0.00	38.60 0.28 0.00	40.64 0.41 -0.70	34.86 0.36 -0.72	53.98 0.70 -4.83	41.85 0.60 -2.78	37.59 0.49 0.00	38.01 0.35 -0.37	78.99 0.58 -14.21	87.42 0.65 -30.55	67.16 1.50 0.00	50.37 1.07 0.00	44.42 0.64 -0.01	35.21 0.39 0.00	32.51 0.37 0.00	25.04 0.27 0.00

CORONA_69_KV_TB1 355595	30.87 1.92 0.00	32.24 1.92 0.00	31.75 1.77 0.00	28.50 1.52 0.00	33.94 1.69 0.00	49.40 2.38 0.00	40.79 2.23 0.00	54.58 2.74 0.00	50.99 2.93 0.09	40.76 2.44 0.00	42.33 2.80 0.00	39.78 2.28 -3.73	52.34 2.99 -0.90	40.85 2.44 0.07	39.48 2.38 0.00	39.87 2.58 0.00	69.12 4.93 0.00	60.46 4.25 0.00	70.79 5.13 0.00	52.97 3.66 0.00	46.56 2.79 0.00	37.05 2.22 0.00	34.05 1.91 0.00	26.08 1.32 0.00
CORTLAND_115KV_TB3 80093	29.09 0.14 0.00	30.43 0.10 0.00	30.08 0.09 0.00	27.07 0.09 0.00	32.35 0.10 0.00	47.31 0.29 0.00	38.85 0.30 0.00	52.31 0.47 0.00	48.63 0.48 0.00	38.46 0.14 0.00	40.06 0.26 -0.27	34.29 0.24 -0.28	50.73 0.41 -1.87	39.90 0.35 -1.08	37.40 0.30 0.00	37.62 0.21 -0.12	69.05 0.38 -4.48	66.37 0.46 -9.70	66.70 1.04 0.00	50.02 0.72 0.00	44.18 0.40 0.00	35.05 0.23 0.00	32.35 0.21 0.00	24.92 0.15 0.00
COXSACKIE__GT 23611	30.64 1.69 0.00	32.10 1.77 0.00	31.81 1.83 0.00	28.56 1.58 0.00	34.11 1.86 0.00	49.75 2.73 0.00	41.11 2.56 0.00	55.72 3.88 0.00	51.75 3.60 0.00	40.33 2.01 0.00	41.47 1.94 0.00	34.97 1.20 0.00	50.12 1.67 0.00	39.78 1.31 0.00	38.49 1.39 0.00	39.23 1.94 0.00	68.44 4.24 0.00	60.47 4.27 0.00	71.39 5.73 0.00	53.59 4.29 0.00	47.22 3.44 0.00	37.33 2.50 0.00	34.24 2.10 0.00	26.16 1.40 0.00
CPV_VALLEY__CC1 323721	29.83 0.87 0.00	31.14 0.81 0.00	30.73 0.75 0.00	27.62 0.64 0.00	32.88 0.63 0.00	47.94 0.93 0.00	39.57 1.02 0.00	53.20 1.36 0.00	49.65 1.50 0.00	39.27 0.95 0.00	40.63 1.09 0.00	31.78 0.87 2.87	48.99 1.24 0.69	39.55 1.08 0.00	38.13 1.03 0.00	38.47 1.18 0.00	66.53 2.33 0.00	58.22 2.01 0.00	68.15 2.49 0.00	51.00 1.69 0.00	44.94 1.17 0.00	35.74 0.92 0.00	32.96 0.82 0.00	25.35 0.59 0.00
CPV_VALLEY__CC2 323722	29.83 0.87 0.00	31.14 0.81 0.00	30.73 0.75 0.00	27.62 0.64 0.00	32.88 0.63 0.00	47.94 0.93 0.00	39.57 1.02 0.00	53.20 1.36 0.00	49.65 1.50 0.00	39.27 0.95 0.00	40.63 1.09 0.00	31.78 0.87 2.87	48.99 1.24 0.69	39.55 1.08 0.00	38.13 1.03 0.00	38.47 1.18 0.00	66.53 2.33 0.00	58.22 2.01 0.00	68.15 2.49 0.00	51.00 1.69 0.00	44.94 1.17 0.00	35.74 0.92 0.00	32.96 0.82 0.00	25.35 0.59 0.00
CRESCENT__HYD 24018	30.14 1.19 0.00	31.56 1.24 0.00	31.24 1.26 0.00	28.06 1.09 0.00	33.51 1.26 0.00	48.69 1.68 0.00	40.00 1.45 0.00	53.97 2.13 0.00	50.25 2.11 0.00	39.81 1.49 0.00	41.08 1.54 0.00	35.03 1.26 0.00	50.26 1.82 0.00	39.84 1.37 0.00	38.48 1.38 0.00	38.78 1.49 0.00	66.97 2.77 0.00	58.84 2.63 0.00	68.90 3.24 0.00	51.70 2.40 0.00	45.71 1.94 0.00	36.29 1.46 0.00	33.41 1.27 0.00	25.60 0.84 0.00
CRICKET__VALLEY_CC1 323756	30.10 1.15 0.00	31.40 1.08 0.00	30.99 1.00 0.00	27.84 0.87 0.00	33.17 0.91 0.00	48.30 1.28 0.00	39.83 1.27 0.00	53.74 1.89 0.00	50.27 2.12 0.00	39.87 1.55 0.00	41.27 1.73 0.00	36.84 1.39 -1.67	50.80 1.95 -0.40	40.02 1.55 0.00	38.62 1.52 0.00	38.95 1.66 0.00	67.35 3.16 0.00	59.03 2.83 0.00	69.11 3.44 0.00	51.68 2.37 0.00	45.51 1.74 0.00	36.18 1.35 0.00	33.32 1.18 0.00	25.56 0.79 0.00
CRICKET__VALLEY_CC2 323757	30.10 1.15 0.00	31.40 1.08 0.00	30.99 1.00 0.00	27.84 0.87 0.00	33.17 0.91 0.00	48.30 1.28 0.00	39.83 1.27 0.00	53.74 1.89 0.00	50.27 2.12 0.00	39.87 1.55 0.00	41.27 1.73 0.00	36.84 1.39 -1.67	50.80 1.95 -0.40	40.02 1.55 0.00	38.62 1.52 0.00	38.95 1.66 0.00	67.35 3.16 0.00	59.03 2.83 0.00	69.11 3.44 0.00	51.68 2.37 0.00	45.51 1.74 0.00	36.18 1.35 0.00	33.32 1.18 0.00	25.56 0.79 0.00
CRICKET__VALLEY_CC3 323758	30.10 1.15 0.00	31.40 1.08 0.00	30.99 1.00 0.00	27.84 0.87 0.00	33.17 0.91 0.00	48.30 1.28 0.00	39.83 1.27 0.00	53.74 1.89 0.00	50.27 2.12 0.00	39.87 1.55 0.00	41.27 1.73 0.00	36.84 1.39 -1.67	50.80 1.95 -0.40	40.02 1.55 0.00	38.62 1.52 0.00	38.95 1.66 0.00	67.35 3.16 0.00	59.03 2.83 0.00	69.11 3.44 0.00	51.68 2.37 0.00	45.51 1.74 0.00	36.18 1.35 0.00	33.32 1.18 0.00	25.56 0.79 0.00
CRUCIBLE_METL_DRP 24180	28.75 -0.20 0.00	30.10 -0.23 0.00	29.74 -0.24 0.00	26.75 -0.23 0.00	31.99 -0.27 0.00	46.78 -0.23 0.00	38.27 -0.28 0.00	51.43 -0.41 0.00	47.76 -0.39 0.00	37.93 -0.39 0.00	39.22 -0.31 0.00	33.52 -0.26 0.00	48.10 -0.34 0.00	38.21 -0.26 0.00	36.82 -0.28 0.00	36.93 -0.36 0.00	63.49 -0.70 0.00	55.51 -0.45 0.25	65.50 -0.16 0.00	49.14 -0.17 0.00	43.47 -0.31 0.00	34.47 -0.35 0.00	31.82 -0.32 0.00	24.54 -0.23 0.00
DAHOWA__HYDRO 323763	30.68 1.73 0.00	32.11 1.78 0.00	31.80 1.82 0.00	28.58 1.61 0.00	34.20 1.94 0.00	49.76 2.75 0.00	40.95 2.40 0.00	55.31 3.47 0.00	51.55 3.40 0.00	40.80 2.48 0.00	42.79 3.26 0.00	36.10 2.33 0.00	51.18 2.74 0.00	40.57 2.10 0.00	39.16 2.06 0.00	39.46 2.17 0.00	68.34 4.15 0.00	60.14 3.93 0.00	70.57 4.91 0.00	53.05 3.75 0.00	46.86 3.09 0.00	37.13 2.30 0.00	34.14 2.00 0.00	26.13 1.36 0.00
DANC__LFGE 323619	28.13 -0.82 0.00	29.51 -0.81 0.00	29.22 -0.76 0.00	26.49 -0.48 0.00	32.22 -0.04 0.00	47.01 0.00 0.00	38.64 0.09 0.00	51.93 0.09 0.00	48.12 -0.03 0.00	37.82 -0.51 0.00	38.89 -0.64 0.00	33.33 -0.45 0.00	47.74 -0.71 0.00	37.72 -0.75 0.00	36.19 -0.91 0.00	36.01 -1.29 0.00	62.32 -1.88 0.00	55.46 -0.75 0.00	65.72 0.06 0.00	49.50 0.20 0.00	43.81 0.03 0.00	34.86 0.03 0.00	32.08 -0.07 0.00	24.60 -0.17 0.00
DANSKAMMER__1 23586	30.49 1.54 0.00	31.82 1.50 0.00	31.40 1.41 0.00	28.21 1.24 0.00	33.60 1.35 0.00	48.98 1.97 0.00	40.49 1.94 0.00	54.53 2.69 0.00	50.93 2.78 0.00	40.29 1.98 0.00	41.70 2.17 0.00	35.55 1.78 0.00	51.00 2.55 0.00	40.59 2.12 0.00	39.16 2.06 0.00	39.51 2.22 0.00	68.34 4.15 0.00	59.85 3.65 0.00	70.14 4.48 0.00	52.43 3.13 0.00	46.13 2.36 0.00	36.67 1.84 0.00	33.77 1.63 0.00	25.92 1.15 0.00
DANSKAMMER__2 23589	30.49 1.54 0.00	31.82 1.50 0.00	31.40 1.41 0.00	28.21 1.24 0.00	33.60 1.35 0.00	48.98 1.97 0.00	40.49 1.94 0.00	54.53 2.69 0.00	50.93 2.78 0.00	40.29 1.98 0.00	41.70 2.17 0.00	35.55 1.78 0.00	51.00 2.55 0.00	40.59 2.12 0.00	39.16 2.06 0.00	39.51 2.22 0.00	68.34 4.15 0.00	59.85 3.65 0.00	70.14 4.48 0.00	52.43 3.13 0.00	46.13 2.36 0.00	36.67 1.84 0.00	33.77 1.63 0.00	25.92 1.15 0.00
DANSKAMMER__3 23590	30.49 1.54 0.00	31.82 1.50 0.00	31.40 1.41 0.00	28.21 1.24 0.00	33.60 1.35 0.00	48.98 1.97 0.00	40.49 1.94 0.00	54.53 2.69 0.00	50.93 2.78 0.00	40.29 1.98 0.00	41.70 2.17 0.00	35.55 1.78 0.00	51.00 2.55 0.00	40.59 2.12 0.00	39.16 2.06 0.00	39.51 2.22 0.00	68.34 4.15 0.00	59.85 3.65 0.00	70.14 4.48 0.00	52.43 3.13 0.00	46.13 2.36 0.00	36.67 1.84 0.00	33.77 1.63 0.00	25.92 1.15 0.00

DANSKAMMER___4 23591	30.49 1.54 0.00	31.82 1.50 0.00	31.40 1.41 0.00	28.21 1.24 0.00	33.60 1.35 0.00	48.98 1.97 0.00	40.49 1.94 0.00	54.53 2.69 0.00	50.93 2.78 0.00	40.29 1.98 0.00	41.70 2.17 0.00	35.55 1.78 0.00	51.00 2.55 0.00	40.59 2.12 0.00	39.16 2.06 0.00	39.51 2.22 0.00	68.34 4.15 0.00	59.85 3.65 0.00	70.14 4.48 0.00	52.43 3.13 0.00	46.13 2.36 0.00	36.67 1.84 0.00	33.77 1.63 0.00	25.92 1.15 0.00
DANSKAMMER___DIESEL 23592	30.50 1.54 0.00	31.82 1.50 0.00	31.40 1.41 0.00	28.21 1.24 0.00	33.60 1.35 0.00	48.98 1.97 0.00	40.50 1.94 0.00	54.53 2.69 0.00	50.93 2.78 0.00	40.30 1.98 0.00	41.71 2.17 0.00	35.55 1.78 0.00	51.00 2.55 0.00	40.59 2.13 0.00	39.16 2.06 0.00	39.51 2.22 0.00	68.34 4.14 0.00	59.85 3.65 0.00	70.14 4.48 0.00	52.43 3.13 0.00	46.13 2.36 0.00	36.67 1.85 0.00	33.77 1.63 0.00	25.92 1.15 0.00
DARBY___SOLAR 323810	30.54 1.59 0.00	31.97 1.64 0.00	31.66 1.68 0.00	28.45 1.48 0.00	34.03 1.78 0.00	49.51 2.50 0.00	40.73 2.18 0.00	54.98 3.14 0.00	51.21 3.07 0.00	40.37 2.05 0.00	41.64 2.11 0.00	35.47 1.69 0.00	50.84 2.40 0.00	40.31 1.84 0.00	38.92 1.82 0.00	39.24 1.94 0.00	67.96 3.76 0.00	59.80 3.59 0.00	70.15 4.49 0.00	52.70 3.40 0.00	46.57 2.80 0.00	36.91 2.08 0.00	33.94 1.80 0.00	26.00 1.23 0.00
DASHVILLE___HYD 23610	30.07 1.12 0.00	31.39 1.06 0.00	30.95 0.97 0.00	27.81 0.84 0.00	33.11 0.86 0.00	48.23 1.22 0.00	39.86 1.30 0.00	53.65 1.81 0.00	50.16 2.01 0.00	39.77 1.45 0.00	41.19 1.66 0.00	35.15 1.37 0.00	50.38 1.93 0.00	40.08 1.61 0.00	38.63 1.53 0.00	38.98 1.69 0.00	67.27 3.07 0.00	58.96 2.76 0.00	68.98 3.32 0.00	51.59 2.29 0.00	45.42 1.64 0.00	36.13 1.30 0.00	33.31 1.17 0.00	25.59 0.82 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	31.43 2.48 0.00	32.93 2.61 0.00	32.43 2.45 0.00	29.10 2.12 0.00	34.63 2.38 0.00	50.10 3.09 0.00	41.16 2.60 0.00	54.53 2.69 0.00	50.41 2.87 0.61	40.73 2.41 0.00	42.47 2.94 0.00	40.21 2.70 -3.73	53.31 3.97 -0.90	40.20 2.25 0.52	38.87 1.77 0.00	39.39 2.10 0.00	70.15 5.96 0.00	62.29 6.08 0.00	73.07 7.41 0.00	54.49 5.18 0.00	47.63 3.86 0.00	37.64 2.81 0.00	34.51 2.37 0.00	26.42 1.65 0.00
DELAWARE___LFGE 323621	29.56 0.61 0.00	30.93 0.61 0.00	30.64 0.65 0.00	27.56 0.58 0.00	32.88 0.63 0.00	47.93 0.92 0.00	39.41 0.86 0.00	53.00 1.16 0.00	49.32 1.17 0.00	39.13 0.80 0.00	40.73 0.95 -0.24	34.83 0.80 -0.25	51.32 1.21 -1.67	40.37 0.94 -0.96	38.03 0.93 0.00	38.26 0.94 -0.03	67.16 1.64 -1.33	60.57 1.52 -2.84	67.66 2.00 0.00	50.71 1.40 0.00	44.82 1.05 0.00	35.63 0.81 0.00	32.89 0.75 0.00	25.32 0.55 0.00
DERFIELD_115KV_TB7 355931	29.01 0.06 0.00	30.38 0.06 0.00	30.05 0.06 0.00	27.03 0.06 0.00	32.31 0.06 0.00	47.06 0.05 0.00	38.63 0.08 0.00	51.95 0.11 0.00	48.32 0.17 0.00	38.36 0.04 0.00	39.59 0.06 0.00	33.83 0.05 0.00	48.54 0.10 0.00	38.52 0.06 0.00	37.17 0.07 0.00	37.37 0.07 0.00	64.33 0.13 0.00	56.38 0.17 0.00	65.97 0.31 0.00	49.51 0.20 0.00	43.87 0.10 0.00	34.90 0.07 0.00	32.21 0.07 0.00	24.79 0.02 0.00
DOGLEVILLE___HYD 23807	29.29 0.34 0.00	30.66 0.34 0.00	30.53 0.55 0.00	27.38 0.41 0.00	32.55 0.30 0.00	47.33 0.31 0.00	38.96 0.41 0.00	52.53 0.69 0.00	48.95 0.80 0.00	37.95 -0.37 0.00	38.90 -0.64 0.00	33.25 -0.53 0.00	48.07 -0.37 0.00	38.20 -0.26 0.00	37.26 0.16 0.00	37.65 0.36 0.00	64.96 0.76 0.00	57.23 1.03 0.00	67.65 1.99 0.00	50.74 1.44 0.00	44.68 0.91 0.00	35.37 0.54 0.00	32.47 0.33 0.00	24.84 0.07 0.00
DUNKIRK___115KV_TB_200 55889	28.24 -0.72 0.00	29.73 -0.59 0.00	29.31 -0.68 0.00	26.44 -0.53 0.00	31.58 -0.68 0.00	47.17 0.16 0.00	38.05 -0.51 0.00	50.77 -1.07 0.00	46.81 -1.34 0.00	37.20 -1.12 0.00	45.02 -1.03 -6.52	39.42 -1.03 -6.68	92.39 -1.09 -45.03	63.80 -0.65 -25.98	35.89 -1.21 0.00	35.25 -1.98 0.07	57.58 -3.98 2.64	47.25 -3.40 5.56	63.46 -2.20 0.00	47.40 -1.91 0.00	41.65 -2.12 0.00	32.96 -1.87 0.00	30.83 -1.31 0.00	24.17 -0.60 0.00
DUNKIRK___1 23563	28.24 -0.72 0.00	29.73 -0.59 0.00	29.31 -0.68 0.00	26.44 -0.53 0.00	31.58 -0.68 0.00	47.17 0.16 0.00	38.05 -0.51 0.00	50.77 -1.07 0.00	46.81 -1.34 0.00	37.20 -1.12 0.00	45.02 -1.03 -6.52	39.42 -1.03 -6.68	92.39 -1.09 -45.03	63.80 -0.65 -25.98	35.89 -1.21 0.00	35.25 -1.98 0.07	57.58 -3.98 2.64	47.25 -3.40 5.56	63.46 -2.20 0.00	47.40 -1.91 0.00	41.65 -2.12 0.00	32.96 -1.87 0.00	30.83 -1.31 0.00	24.17 -0.60 0.00
DUNKIRK___2 23564	28.24 -0.72 0.00	29.73 -0.59 0.00	29.31 -0.68 0.00	26.44 -0.53 0.00	31.58 -0.68 0.00	47.17 0.16 0.00	38.05 -0.51 0.00	50.77 -1.07 0.00	46.81 -1.34 0.00	37.20 -1.12 0.00	45.02 -1.03 -6.52	39.42 -1.03 -6.68	92.39 -1.09 -45.03	63.80 -0.65 -25.98	35.89 -1.21 0.00	35.25 -1.98 0.07	57.58 -3.98 2.64	47.25 -3.40 5.56	63.46 -2.20 0.00	47.40 -1.91 0.00	41.65 -2.12 0.00	32.96 -1.87 0.00	30.83 -1.31 0.00	24.17 -0.60 0.00
DUNKIRK___3 23565	28.18 -0.77 0.00	29.64 -0.68 0.00	29.21 -0.77 0.00	26.35 -0.62 0.00	31.48 -0.77 0.00	46.99 -0.03 0.00	37.95 -0.60 0.00	50.64 -1.20 0.00	46.70 -1.44 0.00	37.15 -1.18 0.00	45.23 -1.11 -6.81	39.67 -1.08 -6.98	94.32 -1.19 -47.07	64.87 -0.75 -27.15	35.87 -1.23 0.00	35.27 -1.96 0.07	57.60 -3.99 2.61	47.28 -3.43 5.49	63.28 -2.38 0.00	47.29 -2.02 0.00	41.58 -2.20 0.00	32.92 -1.90 0.00	30.81 -1.33 0.00	24.15 -0.61 0.00
DUNKIRK___4 23566	28.18 -0.77 0.00	29.64 -0.68 0.00	29.21 -0.77 0.00	26.35 -0.62 0.00	31.48 -0.77 0.00	46.99 -0.03 0.00	37.95 -0.60 0.00	50.64 -1.20 0.00	46.70 -1.44 0.00	37.15 -1.18 0.00	45.23 -1.11 -6.81	39.67 -1.08 -6.98	94.32 -1.19 -47.07	64.87 -0.75 -27.15	35.87 -1.23 0.00	35.27 -1.96 0.07	57.60 -3.99 2.61	47.28 -3.43 5.49	63.28 -2.38 0.00	47.29 -2.02 0.00	41.58 -2.20 0.00	32.92 -1.90 0.00	30.81 -1.33 0.00	24.15 -0.61 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.51 1.56 0.00	31.83 1.50 0.00	31.38 1.40 0.00	28.19 1.22 0.00	33.55 1.30 0.00	48.89 1.88 0.00	40.42 1.86 0.00	54.37 2.53 0.00	50.86 2.71 0.00	40.34 2.02 0.00	41.81 2.28 0.00	39.33 1.86 -3.69	51.99 2.66 -0.89	40.66 2.19 0.00	39.19 2.09 0.00	39.54 2.25 0.00	68.39 4.20 0.00	59.84 3.64 0.00	70.03 4.37 0.00	52.33 3.02 0.00	46.03 2.26 0.00	36.65 1.82 0.00	33.77 1.63 0.00	25.93 1.17 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.22 1.27 0.00	31.53 1.21 0.00	31.10 1.12 0.00	27.95 0.97 0.00	33.27 1.02 0.00	48.53 1.52 0.00	40.11 1.56 0.00	53.97 2.13 0.00	50.38 2.23 0.00	39.85 1.53 0.00	41.22 1.69 0.00	33.55 1.36 1.59	49.99 1.93 0.38	40.11 1.64 0.00	38.69 1.59 0.00	39.04 1.75 0.00	67.56 3.36 0.00	59.16 2.95 0.00	69.29 3.63 0.00	51.84 2.54 0.00	45.63 1.86 0.00	36.28 1.46 0.00	33.44 1.30 0.00	25.69 0.93 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	30.67 1.72 0.00	32.00 1.67 0.00	31.55 1.57 0.00	28.35 1.38 0.00	33.74 1.48 0.00	49.14 2.13 0.00	40.66 2.10 0.00	54.63 2.79 0.00	51.08 2.93 0.00	40.50 2.18 0.00	41.99 2.46 0.00	39.50 2.03 -3.69	52.25 2.92 -0.89	40.87 2.39 0.00	39.40 2.29 -0.01	39.75 2.45 0.00	68.79 4.60 0.00	60.12 3.92 0.00	70.35 4.69 0.00	52.59 3.29 0.00	46.29 2.52 0.00	36.92 2.09 -0.01	33.99 1.84 -0.01	26.11 1.34 0.00
E179THST_13_KV_LOAD 356214	30.79 1.84 0.00	32.12 1.79 0.00	31.66 1.68 0.00	28.45 1.48 0.00	33.85 1.60 0.00	49.32 2.31 0.00	40.82 2.27 0.00	54.88 3.04 0.00	51.32 3.17 0.00	40.68 2.36 0.00	42.18 2.65 0.00	39.67 2.20 -3.69	52.50 3.17 -0.89	41.06 2.59 0.00	39.57 2.47 -0.01	39.93 2.64 0.00	69.11 4.92 0.00	60.40 4.19 0.00	70.69 5.03 0.00	52.84 3.54 0.00	46.50 2.73 0.00	37.08 2.25 -0.01	34.12 1.98 -0.01	26.22 1.45 0.00
EAST HAMPTON___GT 23717	31.59 2.64 0.00	33.17 2.84 0.00	32.63 2.65 0.00	29.29 2.32 0.00	34.82 2.57 0.00	50.19 3.18 0.00	41.03 2.48 0.00	54.15 2.31 0.00	50.11 2.58 0.61	40.21 1.90 0.00	41.94 2.41 0.00	40.06 2.56 -3.73	53.72 4.38 -0.90	39.79 1.84 0.52	38.26 1.16 0.00	38.77 1.47 0.00	70.40 6.21 0.00	62.99 6.79 0.00	73.99 8.32 0.00	55.02 5.72 0.00	48.03 4.25 0.00	37.74 2.91 0.00	34.63 2.49 0.00	26.51 1.75 0.00
EAST RIVER___6 23660	30.76 1.81 0.00	32.05 1.73 0.00	31.59 1.60 0.00	28.36 1.39 0.00	33.75 1.50 0.00	49.20 2.19 0.00	40.73 2.17 0.00	54.80 2.96 0.00	51.29 3.14 0.00	40.70 2.38 0.00	42.21 2.68 0.00	39.69 2.22 -3.69	52.55 3.21 -0.89	41.12 2.65 0.00	39.64 2.54 0.00	40.01 2.72 0.00	69.13 4.93 0.00	60.45 4.24 0.00	70.71 5.05 0.00	52.80 3.50 0.00	46.41 2.64 0.00	36.95 2.12 0.00	34.04 1.91 0.00	26.16 1.40 0.00
EAST RIVER___7 23524	30.76 1.81 0.00	32.05 1.73 0.00	31.59 1.60 0.00	28.36 1.39 0.00	33.75 1.50 0.00	49.20 2.19 0.00	40.73 2.17 0.00	54.80 2.96 0.00	51.29 3.14 0.00	40.70 2.38 0.00	42.21 2.68 0.00	39.69 2.22 -3.69	52.55 3.21 -0.89	41.12 2.65 0.00	39.64 2.54 0.00	40.01 2.72 0.00	69.13 4.93 0.00	60.45 4.24 0.00	70.71 5.05 0.00	52.80 3.50 0.00	46.41 2.64 0.00	36.95 2.12 0.00	34.04 1.91 0.00	26.16 1.40 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.47 1.51 0.00	31.78 1.46 0.00	31.34 1.36 0.00	28.14 1.17 0.00	33.49 1.24 0.00	48.81 1.80 0.00	40.34 1.79 0.00	54.27 2.43 0.00	50.76 2.61 0.00	40.25 1.93 0.00	41.70 2.17 0.00	39.60 1.76 -4.06	51.94 2.52 -0.98	40.55 2.08 0.00	39.09 1.99 0.00	39.45 2.15 0.00	68.24 4.04 0.00	59.70 3.50 0.00	69.87 4.21 0.00	52.22 2.92 0.00	45.94 2.17 0.00	36.56 1.74 0.00	33.69 1.55 0.00	25.88 1.11 0.00
EAST_HAMPTON___DIESEL 23722	31.58 2.63 0.00	33.16 2.84 0.00	32.63 2.65 0.00	29.29 2.32 0.00	34.81 2.55 0.00	50.16 3.14 0.00	40.97 2.42 0.00	54.04 2.20 0.00	50.02 2.49 0.61	40.10 1.78 0.00	41.83 2.30 0.00	40.00 2.49 -3.73	53.70 4.36 -0.90	39.69 1.74 0.52	38.14 1.04 0.00	38.65 1.35 0.00	70.35 6.15 0.00	63.02 6.81 0.00	73.99 8.33 0.00	55.02 5.72 0.00	48.01 4.23 0.00	37.72 2.89 0.00	34.61 2.47 0.00	26.50 1.73 0.00
EAST_POINT___SOLAR 323840	30.42 1.47 0.00	31.91 1.58 0.00	31.53 1.55 0.00	28.42 1.44 0.00	34.06 1.81 0.00	49.89 2.88 0.00	41.19 2.64 0.00	55.47 3.63 0.00	50.71 2.57 0.00	38.83 0.51 0.00	39.76 0.22 0.00	33.94 0.17 0.00	49.67 2.22 0.00	39.99 1.52 0.00	38.94 1.84 0.00	38.97 1.68 0.00	67.55 3.36 0.00	59.19 2.99 0.00	70.13 4.47 0.00	52.73 3.43 0.00	46.68 2.91 0.00	37.08 2.26 0.00	34.15 2.02 0.00	26.30 1.53 0.00
EAST_PULASKI___ESR 323781	28.33 -0.62 0.00	29.68 -0.64 0.00	29.35 -0.63 0.00	26.49 -0.48 0.00	31.88 -0.38 0.00	46.56 -0.45 0.00	38.16 -0.39 0.00	51.32 -0.52 0.00	47.58 -0.57 0.00	37.60 -0.72 0.00	38.76 -0.77 0.00	33.17 -0.61 0.00	47.63 -0.81 0.00	37.74 -0.73 0.00	36.29 -0.81 0.00	36.28 -1.02 0.00	62.50 -1.70 0.00	55.16 -1.05 0.00	65.08 -0.58 0.00	48.92 -0.38 0.00	43.30 -0.48 0.00	34.39 -0.44 0.00	31.72 -0.43 0.00	24.42 -0.35 0.00
EAST_RIVER___1 323558	30.65 1.70 0.00	31.96 1.64 0.00	31.51 1.53 0.00	28.31 1.34 0.00	33.68 1.42 0.00	49.09 2.08 0.00	40.62 2.07 0.00	54.63 2.79 0.00	51.13 2.98 0.00	40.56 2.24 0.00	42.06 2.53 0.00	39.55 2.08 -3.69	52.35 3.02 -0.89	40.97 2.50 0.00	39.49 2.39 0.00	39.85 2.56 0.00	68.88 4.68 0.00	60.24 4.04 0.00	70.49 4.83 0.00	52.63 3.33 0.00	46.27 2.49 0.00	36.85 2.03 0.00	33.95 1.81 0.00	26.10 1.33 0.00
EAST_RIVER___2 323559	30.76 1.81 0.00	32.05 1.73 0.00	31.59 1.60 0.00	28.36 1.39 0.00	33.75 1.50 0.00	49.20 2.19 0.00	40.73 2.17 0.00	54.80 2.96 0.00	51.29 3.14 0.00	40.70 2.38 0.00	42.21 2.68 0.00	39.69 2.22 -3.69	52.55 3.21 -0.89	41.12 2.65 0.00	39.64 2.54 0.00	40.01 2.72 0.00	69.13 4.93 0.00	60.45 4.24 0.00	70.71 5.05 0.00	52.80 3.50 0.00	46.41 2.64 0.00	36.95 2.12 0.00	34.04 1.91 0.00	26.16 1.40 0.00
EAST___DELAWARE_HYD 23607	30.39 1.44 0.00	31.71 1.39 0.00	31.28 1.29 0.00	28.11 1.14 0.00	33.47 1.22 0.00	48.88 1.87 0.00	40.41 1.85 0.00	54.47 2.63 0.00	51.63 3.48 0.00	40.76 2.44 0.00	42.08 2.55 0.00	34.95 2.17 1.00	51.21 3.01 0.24	40.98 2.51 0.00	39.60 2.50 0.00	39.93 2.64 0.00	67.90 3.71 0.00	59.61 3.40 0.00	69.86 4.20 0.00	52.26 2.96 0.00	46.02 2.25 0.00	36.57 1.74 0.00	33.70 1.56 0.00	25.89 1.12 0.00
EIGHT_POINT___WT_PWR 323820	27.81 -1.14 0.00	29.28 -1.04 0.00	28.72 -1.26 0.00	25.94 -1.04 0.00	31.69 -0.56 0.00	47.13 0.12 0.00	38.93 0.38 0.00	51.76 -0.08 0.00	47.68 -0.47 0.00	37.91 -0.41 0.00	42.08 -0.10 -2.64	35.91 -0.53 -2.67	64.82 -1.55 -17.91	47.42 -1.38 -10.33	35.21 -1.89 0.00	34.56 -2.58 0.16	53.78 -4.35 6.06	39.81 -3.48 12.92	63.61 -2.06 0.00	47.07 -2.24 0.00	40.94 -2.83 0.00	32.30 -2.52 0.00	30.22 -1.92 0.00	23.66 -1.11 0.00
ELBRIDGE_115KV_TB2 80188	28.63 -0.32 0.00	29.98 -0.34 0.00	29.63 -0.35 0.00	26.63 -0.35 0.00	31.85 -0.40 0.00	46.60 -0.41 0.00	38.05 -0.50 0.00	51.13 -0.71 0.00	47.54 -0.60 0.00	37.77 -0.56 0.00	39.02 -0.51 0.00	33.36 -0.42 0.00	47.81 -0.63 0.00	38.00 -0.47 0.00	36.64 -0.46 0.00	36.75 -0.52 0.02	62.55 -1.03 0.61	54.06 -0.78 1.36	65.15 -0.51 0.00	48.87 -0.43 0.00	43.24 -0.54 0.00	34.29 -0.53 0.00	31.67 -0.47 0.00	24.42 -0.35 0.00
ELEC_TRO_TEK 24086	30.73 1.78 0.00	32.09 1.77 0.00	31.62 1.64 0.00	28.38 1.41 0.00	33.80 1.55 0.00	49.18 2.16 0.00	40.59 2.03 0.00	54.27 2.43 0.00	50.65 2.66 0.16	40.55 2.23 0.00	42.13 2.60 0.00	39.61 2.11 -3.73	52.10 2.76 -0.90	40.60 2.26 0.12	39.27 2.17 0.00	39.66 2.37 0.00	68.73 4.54 0.00	60.15 3.94 0.00	70.42 4.76 0.00	52.65 3.35 0.00	46.28 2.51 0.00	36.84 2.02 0.00	33.87 1.73 0.00	25.95 1.19 0.00

ELLENBURG_WT_PWR 323604	27.19 -1.76 0.00	28.55 -1.77 0.00	28.39 -1.60 0.00	25.57 -1.40 0.00	32.08 -0.17 0.00	47.73 0.72 0.00	39.88 1.33 0.00	53.11 1.27 0.00	49.04 0.89 0.00	38.77 0.45 0.00	39.80 0.26 0.00	33.97 0.19 0.00	47.43 -1.02 0.00	38.08 -0.39 0.00	37.10 0.00 0.00	37.69 0.40 0.00	65.61 1.41 0.00	57.65 1.44 0.00	67.83 2.17 0.00	50.06 0.76 0.00	44.20 0.43 0.00	35.97 1.14 0.00	32.97 0.83 0.00	25.42 0.65 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.84 -1.11 0.00	29.28 -1.04 0.00	28.87 -1.11 0.00	26.05 -0.92 0.00	31.20 -1.06 0.00	46.55 -0.46 0.00	37.54 -1.01 0.00	50.15 -1.69 0.00	46.24 -1.91 0.00	37.04 -1.28 0.00	29.00 -1.31 9.22	23.17 -1.16 9.44	-16.63 -1.39 63.69	0.72 -1.01 36.74	35.78 -1.32 0.00	35.18 -2.05 0.06	57.27 -4.44 2.48	47.32 -3.62 5.26	62.75 -2.91 0.00	46.98 -2.33 0.00	41.39 -2.38 0.00	32.80 -2.02 0.00	30.75 -1.39 0.00	24.15 -0.61 0.00
EMPIRE_CC_1 323656	29.97 1.02 0.00	31.39 1.06 0.00	31.07 1.08 0.00	27.91 0.94 0.00	33.31 1.06 0.00	48.37 1.36 0.00	39.75 1.20 0.00	53.68 1.84 0.00	50.05 1.90 0.00	39.64 1.32 0.00	40.97 1.43 0.00	35.83 1.17 -0.87	50.32 1.67 -0.21	39.70 1.23 0.00	38.35 1.25 0.00	38.64 1.35 0.00	66.72 2.52 0.00	58.60 2.40 0.00	68.54 2.88 0.00	51.44 2.14 0.00	45.44 1.67 0.00	36.09 1.27 0.00	33.23 1.09 0.00	25.47 0.71 0.00
EMPIRE_CC_2 323658	29.97 1.02 0.00	31.39 1.06 0.00	31.07 1.08 0.00	27.91 0.94 0.00	33.31 1.06 0.00	48.37 1.36 0.00	39.75 1.20 0.00	53.68 1.84 0.00	50.05 1.90 0.00	39.64 1.32 0.00	40.97 1.43 0.00	35.83 1.17 -0.87	50.32 1.67 -0.21	39.70 1.23 0.00	38.35 1.25 0.00	38.64 1.35 0.00	66.72 2.52 0.00	58.60 2.40 0.00	68.54 2.88 0.00	51.44 2.14 0.00	45.44 1.67 0.00	36.09 1.27 0.00	33.23 1.09 0.00	25.47 0.71 0.00
ENORWICH_115KV_TB1 80156	29.96 1.01 0.00	31.12 0.80 0.00	31.26 1.28 0.00	28.12 1.15 0.00	33.76 1.51 0.00	49.36 2.35 0.00	40.59 2.04 0.00	54.55 2.71 0.00	50.45 2.31 0.00	39.80 1.48 0.00	41.62 1.61 -0.48	35.93 1.66 -0.49	54.59 2.84 -3.30	42.09 1.71 -1.91	39.03 1.93 0.00	39.24 1.79 -0.15	73.44 3.26 -5.97	72.61 3.55 -12.85	70.63 4.97 0.00	52.80 3.50 0.00	46.39 2.61 0.00	36.72 1.89 0.00	33.88 1.74 0.00	26.15 1.38 0.00
ERIE_ST_34_KV_TB1-2 80199	28.29 -0.66 0.00	29.69 -0.63 0.00	29.27 -0.71 0.00	26.39 -0.58 0.00	31.59 -0.66 0.00	47.10 0.09 0.00	38.13 -0.42 0.00	51.05 -0.79 0.00	47.11 -1.04 0.00	37.63 -0.69 0.00	43.73 -0.69 -4.89	38.07 -0.72 -5.01	81.48 -0.75 -33.79	57.52 -0.43 -19.49	36.35 -0.75 0.00	35.74 -1.49 0.06	58.36 -3.29 2.54	48.17 -2.69 5.34	63.82 -1.84 0.00	47.78 -1.53 0.00	42.06 -1.71 0.00	33.33 -1.50 0.00	31.20 -0.94 0.00	24.46 -0.31 0.00
ERIE_WT_PWR 323693	28.00 -0.95 0.00	29.43 -0.89 0.00	29.03 -0.95 0.00	26.19 -0.78 0.00	31.35 -0.91 0.00	46.76 -0.25 0.00	37.77 -0.78 0.00	50.48 -1.36 0.00	46.55 -1.59 0.00	37.25 -1.07 0.00	44.46 -1.12 -6.05	38.92 -1.06 -6.20	89.00 -1.23 -41.79	61.74 -0.84 -24.10	35.95 -1.15 0.00	35.35 -1.87 0.06	57.55 -4.09 2.56	47.46 -3.38 5.37	63.08 -2.58 0.00	47.22 -2.09 0.00	41.59 -2.19 0.00	32.94 -1.88 0.00	30.86 -1.28 0.00	24.25 -0.52 0.00
ESPRGFLD_115KV_TB1 80157	29.78 0.83 0.00	31.23 0.90 0.00	30.88 0.90 0.00	27.87 0.90 0.00	33.38 1.13 0.00	48.87 1.86 0.00	40.20 1.65 0.00	53.95 2.11 0.00	49.93 1.79 0.00	39.53 1.21 0.00	40.78 1.25 0.00	34.92 1.14 0.00	50.26 1.82 0.00	39.97 1.50 0.00	38.55 1.45 0.00	38.55 1.24 -0.02	66.90 2.00 -0.70	59.53 1.82 -1.50	68.30 2.64 0.00	51.27 1.96 0.00	45.46 1.69 0.00	36.17 1.35 0.00	33.40 1.26 0.00	25.79 1.03 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.23 0.28 0.00	30.55 0.23 0.00	30.23 0.24 0.00	27.20 0.23 0.00	32.51 0.26 0.00	47.59 0.58 0.00	39.10 0.54 0.00	52.63 0.79 0.00	48.85 0.70 0.00	38.56 0.24 0.00	40.52 0.36 -0.62	34.73 0.32 -0.63	53.38 0.64 -4.29	41.48 0.53 -2.47	37.57 0.47 0.00	37.94 0.33 -0.31	76.91 0.57 -12.15	83.00 0.65 -26.14	67.11 1.44 0.00	50.35 1.05 0.00	44.40 0.62 -0.01	35.21 0.38 0.00	32.49 0.35 0.00	25.03 0.27 0.00
ETNA____115KV_TB2 80207	29.23 0.28 0.00	30.55 0.23 0.00	30.23 0.24 0.00	27.20 0.23 0.00	32.51 0.26 0.00	47.59 0.58 0.00	39.10 0.54 0.00	52.63 0.79 0.00	48.85 0.70 0.00	38.56 0.24 0.00	40.52 0.36 -0.62	34.73 0.32 -0.63	53.38 0.64 -4.29	41.48 0.53 -2.47	37.57 0.47 0.00	37.94 0.33 -0.31	76.91 0.57 -12.15	83.00 0.65 -26.14	67.11 1.44 0.00	50.35 1.05 0.00	44.40 0.62 -0.01	35.21 0.38 0.00	32.49 0.35 0.00	25.03 0.27 0.00
EUCLID____115KV_TB2 356179	28.47 -0.48 0.00	29.81 -0.52 0.00	29.45 -0.53 0.00	26.51 -0.46 0.00	31.70 -0.56 0.00	46.32 -0.70 0.00	37.88 -0.67 0.00	50.94 -0.90 0.00	47.32 -0.82 0.00	37.59 -0.73 0.00	38.85 -0.68 0.00	33.19 -0.58 0.00	47.67 -0.78 0.00	37.84 -0.63 0.00	36.45 -0.65 0.00	36.55 -0.74 0.00	62.84 -1.35 0.00	55.16 -1.05 0.00	64.79 -0.88 0.00	48.61 -0.69 0.00	43.02 -0.76 0.00	34.13 -0.69 0.00	31.51 -0.62 0.00	24.33 -0.44 0.00
E_CANADA_CAP_HY 24051	30.11 1.16 0.00	31.62 1.30 0.00	31.25 1.27 0.00	28.19 1.21 0.00	33.81 1.56 0.00	49.52 2.50 0.00	40.76 2.20 0.00	54.69 2.85 0.00	50.42 2.27 0.00	39.64 1.32 0.00	40.65 1.12 0.00	34.78 1.00 0.00	50.16 1.71 0.00	40.07 1.60 0.00	38.72 1.62 0.00	38.71 1.40 -0.01	67.17 2.49 -0.49	59.38 2.16 -1.01	68.80 3.14 0.00	51.74 2.44 0.00	45.94 2.17 0.00	36.60 1.78 0.00	33.78 1.64 0.00	26.08 1.32 0.00
E_CANADA_MHWK_HY 24050	29.29 0.34 0.00	30.66 0.34 0.00	30.53 0.55 0.00	27.38 0.41 0.00	32.55 0.30 0.00	47.33 0.31 0.00	38.96 0.41 0.00	52.53 0.69 0.00	48.95 0.80 0.00	37.95 -0.37 0.00	38.90 -0.64 0.00	33.25 -0.53 0.00	48.07 -0.37 0.00	38.20 -0.26 0.00	37.26 0.16 0.00	37.65 0.36 0.00	64.96 0.76 0.00	57.23 1.03 0.00	67.65 1.99 0.00	50.74 1.44 0.00	44.68 0.91 0.00	35.37 0.54 0.00	32.47 0.33 0.00	24.84 0.07 0.00
E_FISHKILL____LBMP 23776	30.23 1.28 0.00	31.56 1.23 0.00	31.14 1.16 0.00	27.98 1.01 0.00	33.31 1.06 0.00	48.52 1.51 0.00	40.06 1.51 0.00	53.94 2.10 0.00	50.41 2.27 0.00	39.97 1.65 0.00	41.39 1.85 0.00	36.56 1.50 -1.29	50.89 2.13 -0.31	40.21 1.74 0.00	38.78 1.68 0.00	39.13 1.84 0.00	67.64 3.45 0.00	59.24 3.03 0.00	69.32 3.66 0.00	51.85 2.54 0.00	45.65 1.87 0.00	36.32 1.49 0.00	33.46 1.33 0.00	25.70 0.93 0.00
FALCON____SEABRD_CC1 323796	27.70 -1.26 0.00	29.10 -1.23 0.00	28.86 -1.12 0.00	25.96 -1.01 0.00	32.34 0.09 0.00	48.06 1.05 0.00	40.03 1.48 0.00	53.40 1.56 0.00	49.38 1.23 0.00	39.13 0.81 0.00	40.13 0.60 0.00	34.27 0.49 0.00	48.02 -0.42 0.00	38.41 -0.06 0.00	37.40 0.30 0.00	37.94 0.65 0.00	65.98 1.78 0.00	57.94 1.73 0.00	68.13 2.47 0.00	50.45 1.15 0.00	44.52 0.75 0.00	36.12 1.29 0.00	33.10 0.96 0.00	25.50 0.74 0.00

FALCON___SEABRD_CC2 323797	27.70 -1.26 0.00	29.10 -1.23 0.00	28.86 -1.12 0.00	25.96 -1.01 0.00	32.34 0.09 0.00	48.06 1.05 0.00	40.03 1.48 0.00	53.40 1.56 0.00	49.38 1.23 0.00	39.13 0.81 0.00	40.13 0.60 0.00	34.27 0.49 0.00	48.02 -0.42 0.00	38.41 -0.06 0.00	37.40 0.30 0.00	37.94 0.65 0.00	65.98 1.78 0.00	57.94 1.73 0.00	68.13 2.47 0.00	50.45 1.15 0.00	44.52 0.75 0.00	36.12 1.29 0.00	33.10 0.96 0.00	25.50 0.74 0.00
FAR ROCKAWAY___4 23548	31.07 2.12 0.00	32.43 2.11 0.00	31.94 1.96 0.00	28.66 1.69 0.00	34.15 1.90 0.00	49.73 2.72 0.00	41.08 2.53 0.00	55.00 3.16 0.00	51.41 3.34 0.08	41.09 2.77 0.00	42.65 3.12 0.00	40.06 2.55 -3.73	52.74 3.40 -0.90	41.19 2.79 0.06	39.82 2.72 0.00	40.22 2.92 0.00	69.71 5.52 0.00	60.99 4.78 0.00	71.39 5.72 0.00	53.43 4.12 0.00	46.94 3.17 0.00	37.33 2.51 0.00	34.29 2.15 0.00	26.25 1.48 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.66 1.71 0.00	31.97 1.65 0.00	31.52 1.54 0.00	28.32 1.35 0.00	33.69 1.44 0.00	49.11 2.09 0.00	40.63 2.07 0.00	54.63 2.79 0.00	51.13 2.98 0.00	40.55 2.23 0.00	42.05 2.52 0.00	39.54 2.07 -3.69	52.33 3.00 -0.89	40.95 2.48 0.00	39.47 2.37 0.00	39.83 2.54 0.00	68.86 4.66 0.00	60.23 4.02 0.00	70.48 4.82 0.00	52.63 3.33 0.00	46.27 2.50 0.00	36.86 2.04 0.00	33.96 1.82 0.00	26.11 1.34 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.67 1.72 0.00	31.98 1.65 0.00	31.53 1.55 0.00	28.32 1.35 0.00	33.69 1.44 0.00	49.11 2.09 0.00	40.64 2.08 0.00	54.63 2.79 0.00	51.13 2.98 0.00	40.55 2.23 0.00	42.05 2.52 0.00	39.54 2.07 -3.69	52.32 2.98 -0.89	40.95 2.48 0.00	39.47 2.37 0.00	39.83 2.54 0.00	68.86 4.66 0.00	60.23 4.02 0.00	70.48 4.82 0.00	52.63 3.33 0.00	46.28 2.50 0.00	36.86 2.04 0.00	33.96 1.82 0.00	26.11 1.34 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.65 1.70 0.00	31.96 1.63 0.00	31.51 1.53 0.00	28.31 1.34 0.00	33.67 1.42 0.00	49.08 2.07 0.00	40.61 2.05 0.00	54.61 2.77 0.00	51.10 2.95 0.00	40.54 2.22 0.00	42.04 2.51 0.00	39.53 2.06 -3.69	52.30 2.97 -0.89	40.94 2.47 0.00	39.46 2.36 0.00	39.82 2.53 0.00	68.85 4.65 0.00	60.21 4.00 0.00	70.44 4.77 0.00	52.60 3.30 0.00	46.25 2.48 0.00	36.83 2.01 0.00	33.95 1.81 0.00	26.09 1.33 0.00
FARRAGUT___LBMP 323566	30.63 1.68 0.00	31.94 1.62 0.00	31.49 1.50 0.00	28.29 1.32 0.00	33.65 1.40 0.00	49.04 2.03 0.00	40.58 2.02 0.00	54.56 2.72 0.00	51.05 2.90 0.00	40.50 2.18 0.00	41.99 2.46 0.00	39.49 2.02 -3.69	52.26 2.92 -0.89	40.89 2.42 0.00	39.42 2.32 0.00	39.78 2.49 0.00	68.76 4.56 0.00	60.15 3.95 0.00	70.37 4.70 0.00	52.56 3.26 0.00	46.22 2.44 0.00	36.82 1.99 0.00	33.92 1.78 0.00	26.07 1.31 0.00
FENNER___WINDPWR 24204	29.23 0.28 0.00	30.60 0.28 0.00	30.25 0.27 0.00	27.24 0.27 0.00	32.63 0.38 0.00	47.70 0.69 0.00	39.25 0.69 0.00	52.83 0.99 0.00	49.07 0.92 0.00	38.76 0.44 0.00	40.02 0.48 0.00	34.33 0.55 0.00	49.20 0.75 0.00	39.08 0.61 0.00	37.65 0.55 0.00	37.76 0.40 -0.06	67.48 0.84 -2.44	62.46 0.97 -5.28	67.19 1.53 0.00	50.44 1.14 0.00	44.59 0.82 0.00	35.39 0.56 0.00	32.64 0.50 0.00	25.10 0.34 0.00
FIBERTEK___ENERGY 23856	28.75 -0.20 0.00	30.10 -0.23 0.00	29.74 -0.24 0.00	26.75 -0.23 0.00	31.99 -0.27 0.00	46.78 -0.23 0.00	38.27 -0.28 0.00	51.43 -0.41 0.00	47.76 -0.39 0.00	37.93 -0.39 0.00	39.22 -0.31 0.00	33.52 -0.26 0.00	48.10 -0.34 0.00	38.21 -0.26 0.00	36.82 -0.28 0.00	36.93 -0.36 0.00	63.49 -0.70 0.00	55.51 -0.45 0.25	65.50 -0.16 0.00	49.14 -0.17 0.00	43.47 -0.31 0.00	34.47 -0.35 0.00	31.82 -0.32 0.00	24.54 -0.23 0.00
FITZPATRICK____ 23598	28.09 -0.86 0.00	29.42 -0.91 0.00	29.08 -0.90 0.00	26.17 -0.81 0.00	31.29 -0.96 0.00	45.67 -1.34 0.00	37.31 -1.24 0.00	50.16 -1.68 0.00	46.59 -1.55 0.00	37.03 -1.29 0.00	38.23 -1.30 0.00	32.67 -1.11 0.00	46.90 -1.55 0.00	37.24 -1.23 0.00	35.88 -1.22 0.00	36.01 -1.28 0.00	61.90 -2.30 0.00	54.32 -1.89 0.00	63.72 -1.94 0.00	47.81 -1.49 0.00	42.35 -1.42 0.00	33.64 -1.19 0.00	31.06 -1.08 0.00	23.98 -0.78 0.00
FLOWRFLD_69_KV_BK1 356044	31.00 2.05 0.00	32.43 2.11 0.00	31.94 1.96 0.00	28.64 1.67 0.00	34.11 1.86 0.00	49.49 2.48 0.00	40.82 2.26 0.00	54.32 2.48 0.00	50.00 2.46 0.61	40.78 2.46 0.00	42.47 2.93 0.00	39.91 2.41 -3.73	52.35 3.01 -0.90	40.33 2.38 0.52	39.27 2.17 0.00	39.74 2.45 0.00	69.17 4.98 0.00	60.63 4.43 0.00	70.92 5.26 0.00	53.01 3.71 0.00	46.59 2.81 0.00	37.14 2.31 0.00	34.08 1.94 0.00	26.04 1.28 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.55 1.59 0.00	31.87 1.55 0.00	31.45 1.47 0.00	28.25 1.28 0.00	33.66 1.40 0.00	49.06 2.05 0.00	40.57 2.02 0.00	54.64 2.79 0.00	51.03 2.88 0.00	40.38 2.06 0.00	41.80 2.27 0.00	35.63 1.86 0.00	51.11 2.66 0.00	40.68 2.21 0.00	39.24 2.14 0.00	39.59 2.30 0.00	68.47 4.28 0.00	59.97 3.76 0.00	70.27 4.61 0.00	52.55 3.24 0.00	46.24 2.46 0.00	36.74 1.92 0.00	33.83 1.69 0.00	25.97 1.20 0.00
FORT ORANGE____ 23900	29.63 0.68 0.00	31.03 0.71 0.00	30.71 0.73 0.00	27.59 0.62 0.00	32.92 0.67 0.00	47.88 0.87 0.00	39.43 0.88 0.00	53.26 1.42 0.00	49.59 1.45 0.00	39.19 0.87 0.00	40.43 0.90 0.00	34.44 0.67 0.00	49.36 0.92 0.00	39.15 0.68 0.00	37.84 0.74 0.00	38.17 0.88 0.00	66.04 1.85 0.00	58.12 1.91 0.00	68.07 2.41 0.00	51.07 1.77 0.00	45.09 1.32 0.00	35.78 0.96 0.00	32.92 0.78 0.00	25.23 0.46 0.00
FORT_DRUM_COGEN 23780	28.31 -0.64 0.00	29.70 -0.63 0.00	29.44 -0.54 0.00	26.77 -0.20 0.00	32.83 0.57 0.00	47.90 0.89 0.00	39.50 0.95 0.00	53.08 1.24 0.00	49.11 0.97 0.00	38.33 0.01 0.00	39.25 -0.28 0.00	33.75 -0.03 0.00	48.33 -0.12 0.00	38.14 -0.33 0.00	36.48 -0.62 0.00	36.15 -1.15 0.00	62.95 -1.24 0.00	56.39 0.18 0.00	67.03 1.37 0.00	50.62 1.32 0.00	44.78 1.01 0.00	35.69 0.86 0.00	32.77 0.63 0.00	25.03 0.27 0.00
FOX_HILLS___ESR 323835	30.57 1.62 0.00	31.87 1.55 0.00	31.44 1.46 0.00	28.25 1.28 0.00	33.57 1.31 0.00	48.94 1.92 0.00	40.60 2.05 0.00	54.66 2.81 0.00	49.78 3.00 1.37	36.14 2.21 4.39	41.73 2.54 0.34	39.21 2.06 -3.37	51.96 2.97 -0.55	39.00 2.41 1.88	39.46 2.37 0.01	38.16 2.55 1.68	68.51 4.71 0.39	60.27 4.06 0.00	70.51 4.85 0.00	52.64 3.33 0.00	46.35 2.58 0.00	36.98 2.15 -0.01	34.08 1.93 -0.01	26.14 1.37 0.00
FPL FAR_ROCK_GT1 24212	31.07 2.12 0.00	32.44 2.11 0.00	31.94 1.96 0.00	28.66 1.70 0.00	34.15 1.90 0.00	49.73 2.72 0.00	41.08 2.53 0.00	55.00 3.16 0.00	51.41 3.34 0.08	41.09 2.77 0.00	42.65 3.12 0.00	40.06 2.55 -3.73	52.74 3.40 -0.90	41.19 2.78 0.06	39.82 2.72 0.00	40.22 2.92 0.00	69.71 5.51 0.00	60.98 4.78 0.00	71.38 5.72 0.00	53.43 4.12 0.00	46.94 3.17 0.00	37.33 2.51 0.00	34.29 2.15 0.00	26.25 1.48 0.00

FPL FAR_ROCK_GT2 23815	31.07 2.12 0.00	32.44 2.11 0.00	31.94 1.96 0.00	28.66 1.70 0.00	34.15 1.90 0.00	49.73 2.72 0.00	41.08 2.53 0.00	55.00 3.16 0.00	51.41 3.34 0.08	41.09 2.77 0.00	42.65 3.12 0.00	40.06 2.55 -3.73	52.74 3.40 -0.90	41.19 2.78 0.06	39.82 2.72 0.00	40.22 2.92 0.00	69.71 5.51 0.00	60.98 4.78 0.00	71.38 5.72 0.00	53.43 4.12 0.00	46.94 3.17 0.00	37.33 2.51 0.00	34.29 2.15 0.00	26.25 1.48 0.00
FRANKLIN_FALL_HYD 24054	28.22 -0.73 0.00	29.61 -0.71 0.00	29.30 -0.68 0.00	26.39 -0.59 0.00	32.33 0.08 0.00	47.59 0.58 0.00	39.38 0.83 0.00	52.64 0.80 0.00	48.59 0.44 0.00	38.67 0.35 0.00	39.47 -0.06 0.00	33.76 -0.02 0.00	47.87 -0.58 0.00	38.24 -0.23 0.00	37.01 -0.09 0.00	37.32 0.03 0.00	64.58 0.39 0.00	56.75 0.54 0.00	66.47 0.81 0.00	49.60 0.29 0.00	44.09 0.31 0.00	35.51 0.68 0.00	32.68 0.54 0.00	25.26 0.49 0.00
FREEPORT_EQUS_GT1 23764	30.86 1.91 0.00	32.23 1.91 0.00	31.75 1.77 0.00	28.48 1.51 0.00	33.92 1.67 0.00	49.35 2.34 0.00	40.66 2.11 0.00	54.21 2.37 0.00	50.50 2.70 0.35	40.69 2.37 0.00	42.32 2.78 0.00	39.69 2.19 -3.73	52.07 2.73 -0.90	40.42 2.22 0.27	39.28 2.18 0.00	39.69 2.39 0.00	68.82 4.63 0.00	60.25 4.04 0.00	70.51 4.85 0.00	52.74 3.44 0.00	46.37 2.59 0.00	36.89 2.07 0.00	33.92 1.78 0.00	26.06 1.29 0.00
FREEPORT___CT2 23818	30.86 1.91 0.00	32.23 1.91 0.00	31.75 1.77 0.00	28.48 1.51 0.00	33.92 1.67 0.00	49.35 2.34 0.00	40.66 2.11 0.00	54.21 2.37 0.00	50.50 2.70 0.35	40.69 2.37 0.00	42.32 2.78 0.00	39.69 2.19 -3.73	52.07 2.73 -0.90	40.42 2.22 0.27	39.28 2.18 0.00	39.69 2.39 0.00	68.82 4.63 0.00	60.25 4.04 0.00	70.51 4.85 0.00	52.74 3.44 0.00	46.37 2.59 0.00	36.89 2.07 0.00	33.92 1.78 0.00	26.06 1.29 0.00
FRESHKLS_33_KV_LOAD 356253	30.54 1.59 0.00	31.84 1.51 0.00	31.42 1.44 0.00	28.23 1.26 0.00	33.52 1.27 0.00	48.89 1.88 0.00	40.57 2.02 0.00	54.64 2.79 0.00	49.73 2.96 1.37	36.08 2.15 4.39	41.66 2.47 0.34	39.14 1.99 -3.37	51.87 2.88 -0.55	38.91 2.33 1.88	39.40 2.31 0.01	38.08 2.47 1.68	68.39 4.59 0.39	60.21 4.01 0.00	70.43 4.77 0.00	52.58 3.28 0.00	46.31 2.54 0.00	36.95 2.12 -0.01	34.07 1.92 -0.01	26.13 1.37 0.00
FULTON COGEN____ 23766	28.38 -0.57 0.00	29.71 -0.61 0.00	29.36 -0.62 0.00	26.43 -0.55 0.00	31.60 -0.65 0.00	46.16 -0.86 0.00	37.77 -0.78 0.00	50.80 -1.04 0.00	47.18 -0.97 0.00	37.45 -0.87 0.00	38.67 -0.86 0.00	33.08 -0.70 0.00	47.49 -0.95 0.00	37.67 -0.80 0.00	36.25 -0.85 0.00	36.42 -0.87 0.00	62.63 -1.57 0.00	55.02 -1.19 0.00	64.62 -1.05 0.00	48.50 -0.80 0.00	42.93 -0.85 0.00	34.06 -0.77 0.00	31.42 -0.72 0.00	24.24 -0.52 0.00
FULTON___LFGE 323630	30.33 1.38 0.00	31.80 1.47 0.00	31.43 1.45 0.00	28.30 1.33 0.00	33.90 1.65 0.00	49.57 2.55 0.00	40.92 2.36 0.00	55.14 3.29 0.00	50.79 2.64 0.00	39.43 1.11 0.00	40.19 0.65 0.00	34.36 0.58 0.00	49.61 1.17 0.00	39.81 1.34 0.00	38.73 1.63 0.00	38.73 1.44 0.00	67.23 3.04 0.00	59.00 2.80 0.00	69.71 4.05 0.00	52.42 3.12 0.00	46.39 2.62 0.00	36.86 2.04 0.00	33.95 1.81 0.00	26.12 1.36 0.00
G.F.CEMENT___DRP 24184	30.88 1.93 0.00	32.30 1.98 0.00	32.01 2.03 0.00	28.78 1.81 0.00	34.48 2.23 0.00	50.20 3.19 0.00	41.34 2.78 0.00	55.85 4.01 0.00	52.13 3.98 0.00	41.05 2.73 0.00	42.59 3.05 0.00	36.15 2.38 0.00	51.67 3.22 0.00	40.88 2.41 0.00	39.46 2.36 0.00	39.78 2.49 0.00	68.93 4.73 0.00	60.68 4.47 0.00	71.25 5.58 0.00	53.63 4.33 0.00	47.38 3.60 0.00	37.48 2.66 0.00	34.45 2.31 0.00	26.34 1.57 0.00
GARDENVILLE___LBMP 24039	27.93 -1.02 0.00	29.37 -0.96 0.00	28.96 -1.02 0.00	26.13 -0.84 0.00	31.28 -0.97 0.00	46.67 -0.34 0.00	37.68 -0.87 0.00	50.35 -1.50 0.00	46.43 -1.72 0.00	37.13 -1.19 0.00	45.87 -1.24 -7.57	40.39 -1.14 -7.76	99.43 -1.37 -52.35	67.73 -0.94 -30.19	35.83 -1.27 0.00	35.24 -1.99 0.06	57.35 -4.25 2.59	47.24 -3.52 5.44	62.92 -2.74 0.00	47.10 -2.21 0.00	41.48 -2.29 0.00	32.87 -1.96 0.00	30.80 -1.35 0.00	24.18 -0.59 0.00
GARDNVLA_35_KV_LD 355827	28.02 -0.93 0.00	29.46 -0.87 0.00	29.05 -0.93 0.00	26.20 -0.77 0.00	31.37 -0.88 0.00	46.81 -0.20 0.00	37.82 -0.73 0.00	50.55 -1.29 0.00	46.62 -1.54 0.00	37.30 -1.02 0.00	43.95 -1.06 -5.48	38.39 -1.00 -5.61	85.16 -1.15 -37.86	59.53 -0.77 -21.84	36.01 -1.09 0.00	35.40 -1.82 0.06	57.68 -3.97 2.54	47.59 -3.27 5.34	63.21 -2.45 0.00	47.33 -1.98 0.00	41.67 -2.10 0.00	33.01 -1.82 0.00	30.92 -1.22 0.00	24.28 -0.49 0.00
GELCKHM___115KV_LOAD 80723	28.57 -0.38 0.00	29.92 -0.41 0.00	29.57 -0.42 0.00	26.60 -0.37 0.00	31.81 -0.45 0.00	46.49 -0.52 0.00	38.03 -0.52 0.00	51.14 -0.70 0.00	47.48 -0.67 0.00	37.72 -0.60 0.00	39.01 -0.52 0.00	33.32 -0.45 0.00	47.84 -0.61 0.00	37.98 -0.49 0.00	36.59 -0.51 0.00	36.70 -0.59 0.00	63.09 -1.10 0.00	55.39 -0.82 0.00	65.05 -0.61 0.00	48.81 -0.49 0.00	43.19 -0.58 0.00	34.26 -0.57 0.00	31.64 -0.50 0.00	24.41 -0.36 0.00
GENERAL___MILLS 23808	27.99 -0.96 0.00	29.43 -0.90 0.00	29.02 -0.96 0.00	26.18 -0.79 0.00	31.34 -0.91 0.00	46.76 -0.25 0.00	37.77 -0.78 0.00	50.49 -1.35 0.00	46.54 -1.61 0.00	37.24 -1.08 0.00	44.45 -1.13 -6.05	38.91 -1.06 -6.20	89.00 -1.24 -41.79	61.73 -0.84 -24.10	35.94 -1.16 0.00	35.34 -1.89 0.06	57.56 -4.08 2.56	47.46 -3.37 5.37	63.09 -2.57 0.00	47.22 -2.08 0.00	41.60 -2.17 0.00	32.96 -1.86 0.00	30.88 -1.26 0.00	24.24 -0.52 0.00
GE_PLASTICS___DRP 24183	29.57 0.62 0.00	30.98 0.65 0.00	30.66 0.68 0.00	27.55 0.58 0.00	32.86 0.61 0.00	47.79 0.78 0.00	39.33 0.77 0.00	53.08 1.24 0.00	49.44 1.29 0.00	39.12 0.80 0.00	40.38 0.84 0.00	34.42 0.65 0.00	49.36 0.91 0.00	39.14 0.67 0.00	37.83 0.74 0.00	38.15 0.86 0.00	65.92 1.72 0.00	57.92 1.71 0.00	67.79 2.13 0.00	50.86 1.55 0.00	44.91 1.14 0.00	35.67 0.85 0.00	32.83 0.70 0.00	25.18 0.41 0.00
GILBOA___1 23756	29.62 0.66 0.00	31.09 0.76 0.00	30.82 0.84 0.00	27.71 0.74 0.00	32.97 0.72 0.00	47.80 0.79 0.00	39.32 0.77 0.00	52.87 1.03 0.00	49.27 1.12 0.00	39.10 0.78 0.00	40.45 0.92 0.00	34.51 0.73 0.00	49.49 1.05 0.00	39.24 0.77 0.00	37.94 0.84 0.00	38.20 0.91 0.00	65.68 1.48 0.00	57.54 1.33 0.00	67.38 1.72 0.00	50.50 1.20 0.00	44.69 0.91 0.00	35.59 0.76 0.00	32.83 0.69 0.00	25.23 0.47 0.00
GILBOA___2 23757	29.62 0.66 0.00	31.09 0.76 0.00	30.82 0.84 0.00	27.71 0.74 0.00	32.97 0.72 0.00	47.80 0.79 0.00	39.32 0.77 0.00	52.87 1.03 0.00	49.27 1.12 0.00	39.10 0.78 0.00	40.45 0.92 0.00	34.51 0.73 0.00	49.49 1.05 0.00	39.24 0.77 0.00	37.94 0.84 0.00	38.20 0.91 0.00	65.68 1.48 0.00	57.54 1.33 0.00	67.38 1.72 0.00	50.50 1.20 0.00	44.69 0.91 0.00	35.59 0.76 0.00	32.83 0.69 0.00	25.23 0.47 0.00

GILBOA___3 23758	29.62 0.66 0.00	31.09 0.76 0.00	30.82 0.84 0.00	27.71 0.74 0.00	32.97 0.72 0.00	47.80 0.79 0.00	39.32 0.77 0.00	52.87 1.03 0.00	49.27 1.12 0.00	39.10 0.78 0.00	40.45 0.92 0.00	34.51 0.73 0.00	49.49 1.05 0.00	39.24 0.77 0.00	37.94 0.84 0.00	38.20 0.91 0.00	65.68 1.48 0.00	57.54 1.33 0.00	67.38 1.72 0.00	50.50 1.20 0.00	44.69 0.91 0.00	35.59 0.76 0.00	32.83 0.69 0.00	25.23 0.47 0.00
GILBOA___4 23759	29.62 0.66 0.00	31.09 0.76 0.00	30.82 0.84 0.00	27.71 0.74 0.00	32.97 0.72 0.00	47.80 0.79 0.00	39.32 0.77 0.00	52.87 1.03 0.00	49.27 1.12 0.00	39.10 0.78 0.00	40.45 0.92 0.00	34.51 0.73 0.00	49.49 1.05 0.00	39.24 0.77 0.00	37.94 0.84 0.00	38.20 0.91 0.00	65.68 1.48 0.00	57.54 1.33 0.00	67.38 1.72 0.00	50.50 1.20 0.00	44.69 0.91 0.00	35.59 0.76 0.00	32.83 0.69 0.00	25.23 0.47 0.00
GILBOA___ 23599	29.62 0.66 0.00	31.09 0.76 0.00	30.82 0.84 0.00	27.71 0.73 0.00	32.97 0.72 0.00	47.80 0.79 0.00	39.32 0.77 0.00	52.87 1.03 0.00	49.27 1.12 0.00	39.10 0.78 0.00	40.45 0.92 0.00	34.51 0.73 0.00	49.49 1.05 0.00	39.24 0.77 0.00	37.94 0.84 0.00	38.20 0.91 0.00	65.68 1.48 0.00	57.54 1.34 0.00	67.38 1.72 0.00	50.50 1.20 0.00	44.69 0.92 0.00	35.59 0.76 0.00	32.83 0.69 0.00	25.23 0.47 0.00
GINNA___ 23603	28.71 -0.24 0.00	30.10 -0.22 0.00	29.71 -0.28 0.00	26.75 -0.22 0.00	32.02 -0.23 0.00	47.30 0.29 0.00	38.57 0.02 0.00	51.80 -0.04 0.00	47.98 -0.17 0.00	38.24 -0.08 0.00	39.18 -0.02 0.00	33.46 0.02 0.00	46.33 0.15 0.00	37.31 0.15 0.00	37.05 -0.06 0.00	36.80 -0.46 0.04	61.09 -1.41 1.70	51.65 -0.92 3.64	65.49 -0.18 0.00	49.13 -0.17 0.00	43.36 -0.41 0.00	34.33 -0.49 0.00	31.88 -0.26 0.00	24.77 0.01 0.00
GLEN PARK___ 23778	28.48 -0.48 0.00	29.87 -0.45 0.00	29.61 -0.38 0.00	26.91 -0.06 0.00	32.97 0.72 0.00	48.15 1.13 0.00	39.73 1.18 0.00	53.41 1.57 0.00	49.35 1.20 0.00	38.44 0.12 0.00	39.33 -0.20 0.00	33.84 0.06 0.00	48.55 0.11 0.00	38.33 -0.14 0.00	36.59 -0.51 0.00	36.26 -1.04 0.00	63.23 -0.96 0.00	56.70 0.49 0.00	67.51 1.85 0.00	51.01 1.70 0.00	45.11 1.34 0.00	35.91 1.09 0.00	32.95 0.81 0.00	25.16 0.40 0.00
GLENDALE_27_KV_LOAD 356172	30.84 1.89 0.00	32.16 1.83 0.00	31.70 1.72 0.00	28.49 1.51 0.00	33.88 1.63 0.00	49.37 2.36 0.00	40.89 2.33 0.00	54.97 3.12 0.00	51.47 3.32 0.00	40.84 2.52 0.00	42.35 2.82 0.00	39.81 2.34 -3.69	52.71 3.37 -0.89	42.36 2.77 -1.12	40.42 2.64 -0.68	103.90 2.82 -63.79	69.32 5.12 0.00	60.62 4.41 0.00	70.92 5.25 0.00	52.94 3.64 0.00	46.56 2.79 0.00	37.14 2.31 -0.01	34.21 2.06 -0.01	26.29 1.51 0.00
GLENWOOD_IC_1_G5 23712	30.84 1.88 0.00	32.20 1.88 0.00	31.73 1.75 0.00	28.47 1.50 0.00	33.92 1.67 0.00	49.34 2.33 0.00	40.71 2.15 0.00	54.06 2.22 0.00	50.42 2.51 0.24	40.45 2.13 0.00	42.21 2.68 0.00	39.75 2.25 -3.73	51.97 2.63 -0.90	40.45 2.17 0.19	39.21 2.11 0.00	39.60 2.31 0.00	68.64 4.44 0.00	60.11 3.90 0.00	70.81 5.15 0.00	52.61 3.30 0.00	46.30 2.52 0.00	37.01 2.18 0.00	34.01 1.87 0.00	26.05 1.28 0.00
GLENWOOD_IC_2_G1 23688	30.78 1.83 0.00	32.15 1.82 0.00	31.67 1.69 0.00	28.42 1.45 0.00	33.86 1.61 0.00	49.25 2.24 0.00	40.64 2.09 0.00	54.27 2.43 0.00	50.75 2.67 0.07	40.57 2.25 0.00	42.18 2.65 0.00	39.68 2.18 -3.73	52.12 2.78 -0.90	40.70 2.29 0.06	39.31 2.21 0.00	39.70 2.41 0.00	68.80 4.60 0.00	60.21 4.01 0.00	70.61 4.95 0.00	52.70 3.40 0.00	46.34 2.57 0.00	36.92 2.09 0.00	33.94 1.80 0.00	26.00 1.24 0.00
GLENWOOD_IC_3_G1 23689	30.78 1.83 0.00	32.15 1.82 0.00	31.67 1.69 0.00	28.42 1.45 0.00	33.86 1.61 0.00	49.25 2.24 0.00	40.64 2.09 0.00	54.27 2.43 0.00	50.75 2.67 0.07	40.57 2.25 0.00	42.18 2.65 0.00	39.68 2.18 -3.73	52.12 2.78 -0.90	40.70 2.29 0.06	39.31 2.21 0.00	39.70 2.41 0.00	68.80 4.60 0.00	60.21 4.01 0.00	70.61 4.95 0.00	52.70 3.40 0.00	46.34 2.57 0.00	36.92 2.09 0.00	33.94 1.80 0.00	26.00 1.24 0.00
GLENWOOD___4 23550	30.84 1.88 0.00	32.20 1.88 0.00	31.73 1.75 0.00	28.47 1.50 0.00	33.92 1.67 0.00	49.34 2.33 0.00	40.71 2.16 0.00	54.21 2.37 0.00	50.54 2.63 0.24	40.54 2.22 0.00	42.26 2.72 0.00	39.76 2.25 -3.73	52.10 2.76 -0.90	40.56 2.28 0.19	39.29 2.20 0.00	39.69 2.40 0.00	68.79 4.60 0.00	60.23 4.02 0.00	70.81 5.15 0.00	52.71 3.40 0.00	46.37 2.60 0.00	37.01 2.18 0.00	34.01 1.87 0.00	26.05 1.28 0.00
GLENWOOD___5 23614	30.84 1.88 0.00	32.20 1.88 0.00	31.73 1.75 0.00	28.47 1.50 0.00	33.92 1.67 0.00	49.34 2.33 0.00	40.71 2.16 0.00	54.21 2.37 0.00	50.54 2.63 0.24	40.54 2.22 0.00	42.26 2.72 0.00	39.76 2.25 -3.73	52.10 2.76 -0.90	40.56 2.28 0.19	39.29 2.20 0.00	39.69 2.40 0.00	68.79 4.60 0.00	60.23 4.02 0.00	70.81 5.15 0.00	52.71 3.40 0.00	46.37 2.60 0.00	37.01 2.18 0.00	34.01 1.87 0.00	26.05 1.28 0.00
GLOBAL GREEN_PORT_GT1 23814	31.61 2.65 0.00	33.15 2.82 0.00	32.63 2.65 0.00	29.28 2.31 0.00	34.83 2.58 0.00	50.31 3.30 0.00	41.24 2.68 0.00	54.53 2.69 0.00	50.46 2.92 0.61	40.63 2.31 0.00	42.36 2.83 0.00	40.28 2.78 -3.73	53.75 4.41 -0.90	40.15 2.20 0.52	38.69 1.59 0.00	39.20 1.91 0.00	70.52 6.32 0.00	62.88 6.67 0.00	73.82 8.16 0.00	54.97 5.66 0.00	48.01 4.24 0.00	37.82 3.00 0.00	34.69 2.55 0.00	26.55 1.78 0.00
GLOBE___DSASP 323697	27.09 -1.86 0.00	28.53 -1.80 0.00	28.16 -1.82 0.00	25.42 -1.55 0.00	30.46 -1.80 0.00	45.48 -1.54 0.00	36.54 -2.01 0.00	48.77 -3.07 0.00	44.95 -3.20 0.00	36.15 -2.17 0.00	36.50 -2.28 0.75	31.07 -1.94 0.77	40.73 -2.52 5.20	33.46 -2.01 3.00	34.88 -2.22 0.00	34.29 -2.94 0.06	55.78 -6.14 2.28	46.35 -5.09 4.77	60.86 -4.80 0.00	45.61 -3.69 0.00	40.26 -3.51 0.00	31.99 -2.83 0.00	30.09 -2.05 0.00	23.70 -1.07 0.00
GOETHSLN___LBMP 323567	30.52 1.57 0.00	31.83 1.50 0.00	31.39 1.40 0.00	28.20 1.22 0.00	33.52 1.26 0.00	48.83 1.82 0.00	40.38 1.83 0.00	54.25 2.41 0.00	49.35 2.59 1.38	35.85 1.93 4.39	41.42 2.24 0.34	38.96 1.81 -3.37	51.96 2.63 -0.89	40.68 2.21 0.00	39.21 2.12 0.00	39.60 2.30 0.00	68.46 4.26 0.00	59.88 3.67 0.00	70.03 4.37 0.00	52.29 2.99 0.00	45.99 2.21 0.00	36.66 1.83 0.00	33.79 1.65 0.00	26.01 1.24 0.00
GOLAH___69_KV_TB 1_2 80279	28.67 -0.28 0.00	30.07 -0.25 0.00	29.67 -0.32 0.00	26.73 -0.24 0.00	32.01 -0.24 0.00	47.48 0.47 0.00	38.59 0.04 0.00	51.84 0.00 0.00	47.96 -0.19 0.00	38.26 -0.06 0.00	39.22 -0.07 0.25	33.45 -0.07 0.25	46.84 0.10 1.70	37.59 0.10 0.98	36.95 -0.14 0.00	36.53 -0.72 0.04	60.56 -1.92 1.72	51.25 -1.27 3.69	65.36 -0.30 0.00	49.05 -0.26 0.00	43.26 -0.51 0.00	34.26 -0.57 0.00	31.87 -0.27 0.00	24.84 0.07 0.00

GOODYEAR_LAKE_HYD 323669	29.67 0.72 0.00	31.05 0.73 0.00	30.75 0.77 0.00	27.70 0.72 0.00	33.08 0.82 0.00	48.31 1.30 0.00	39.76 1.21 0.00	53.45 1.61 0.00	49.64 1.49 0.00	39.36 1.04 0.00	40.94 1.20 -0.20	35.04 1.06 -0.21	51.47 1.62 -1.40	40.55 1.27 -0.81	38.35 1.25 0.00	38.49 1.17 -0.03	67.26 1.96 -1.11	60.39 1.82 -2.36	68.14 2.48 0.00	51.07 1.77 0.00	45.17 1.39 0.00	35.89 1.06 0.00	33.12 0.98 0.00	25.52 0.75 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.04 0.09 0.00	30.36 0.03 0.00	29.98 0.00 0.00	26.98 0.01 0.00	32.18 -0.07 0.00	47.17 0.16 0.00	38.67 0.12 0.00	52.02 0.18 0.00	48.41 0.26 0.00	38.32 0.00 0.00	40.22 0.16 -0.53	34.41 0.09 -0.54	52.38 0.29 -3.64	40.83 0.25 -2.10	37.29 0.19 0.00	37.44 0.12 -0.02	65.32 0.20 -0.93	58.32 0.14 -1.97	66.34 0.67 0.00	49.70 0.39 0.00	43.86 0.08 0.00	34.83 0.01 0.00	32.20 0.06 0.00	24.83 0.06 0.00
GOUDEY___7 23579	29.04 0.09 0.00	30.36 0.03 0.00	29.98 0.00 0.00	26.98 0.01 0.00	32.18 -0.07 0.00	47.17 0.16 0.00	38.67 0.12 0.00	52.02 0.18 0.00	48.41 0.26 0.00	38.32 0.00 0.00	40.22 0.16 -0.53	34.41 0.09 -0.54	52.38 0.29 -3.64	40.83 0.25 -2.10	37.29 0.19 0.00	37.44 0.12 -0.02	65.32 0.20 -0.93	58.32 0.14 -1.97	66.34 0.67 0.00	49.70 0.39 0.00	43.86 0.08 0.00	34.83 0.01 0.00	32.20 0.06 0.00	24.83 0.06 0.00
GOUDEY___8 23580	29.04 0.09 0.00	30.36 0.03 0.00	29.98 0.00 0.00	26.98 0.01 0.00	32.18 -0.07 0.00	47.17 0.16 0.00	38.67 0.12 0.00	52.02 0.18 0.00	48.41 0.26 0.00	38.32 0.00 0.00	40.22 0.16 -0.53	34.41 0.09 -0.54	52.38 0.29 -3.64	40.83 0.25 -2.10	37.29 0.19 0.00	37.44 0.12 -0.02	65.32 0.20 -0.93	58.32 0.14 -1.97	66.34 0.67 0.00	49.70 0.39 0.00	43.86 0.08 0.00	34.83 0.01 0.00	32.20 0.06 0.00	24.83 0.06 0.00
GOWANUS_GT1_1 24077	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.20 2.61 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT1_2 24078	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.20 2.61 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT1_3 24079	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.20 2.61 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT1_4 24080	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.20 2.61 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT1_5 24084	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.20 2.61 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT1_6 24111	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.20 2.61 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT1_7 24112	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.20 2.61 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT1_8 24113	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.20 2.61 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT2_1 24114	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT2_2 24115	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT2_3 24116	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00

GOWANUS_GT2_4 24117	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT2_5 24118	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT2_6 24119	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT2_7 24120	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT2_8 24121	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT3_1 24122	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.21 2.62 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT3_2 24123	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.22 -0.89	42.21 2.62 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT3_3 24124	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00																	

GOWANUS_GT4_3 24132	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.72 2.25 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT4_4 24133	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.72 2.25 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT4_5 24134	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.72 2.25 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT4_6 24135	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.72 2.25 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT4_7 24136	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.72 2.25 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GOWANUS_GT4_8 24137	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.72 2.25 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GREENBSH_115KV_TB3 55895	29.48 0.53 0.00	30.88 0.56 0.00	30.56 0.58 0.00	27.46 0.49 0.00	32.76 0.51 0.00	47.62 0.61 0.00	39.20 0.65 0.00	52.92 1.08 0.00	49.32 1.18 0.00	39.03 0.71 0.00	40.31 0.77 0.00	34.37 0.60 0.00	49.27 0.83 0.00	39.08 0.61 0.00	37.76 0.66 0.00	38.08 0.79 0.00	65.80 1.60 0.00	57.81 1.60 0.00	67.63 1.97 0.00	50.73 1.42 0.00	44.80 1.03 0.00	35.57 0.75 0.00	32.74 0.59 0.00	25.09 0.33 0.00
GREENIDGE_115KV_TB5 80291	28.83 -0.12 0.00	30.18 -0.14 0.00	29.75 -0.23 0.00	26.79 -0.19 0.00	32.07 -0.19 0.00	47.05 0.04 0.00	38.64 0.09 0.00	51.64 -0.20 0.00	47.53 -0.62 0.00	37.64 -0.68 0.00	40.10 -0.66 -1.23	34.69 -0.34 -1.25	56.32 -0.59 -8.46	43.11 -0.24 -4.88	36.47 -0.63 0.00	36.17 -0.93 0.19	54.48 -2.38 7.34	38.58 -1.94 15.69	64.85 -0.81 0.00	48.53 -0.77 0.00	42.57 -1.19 0.01	33.84 -0.99 0.00	31.51 -0.63 0.00	24.42 -0.34 0.00
GREENIDGE___3 23582	28.83 -0.12 0.00	30.18 -0.14 0.00	29.75 -0.23 0.00	26.79 -0.19 0.00	32.07 -0.19 0.00	47.05 0.04 0.00	38.64 0.09 0.00	51.64 -0.20 0.00	47.53 -0.62 0.00	37.64 -0.68 0.00	40.10 -0.66 -1.23	34.69 -0.34 -1.25	56.32 -0.59 -8.46	43.11 -0.24 -4.88	36.47 -0.63 0.00	36.17 -0.93 0.19	54.48 -2.38 7.34	38.58 -1.94 15.69	64.85 -0.81 0.00	48.53 -0.77 0.00	42.57 -1.19 0.01	33.84 -0.99 0.00	31.51 -0.63 0.00	24.42 -0.34 0.00
GREENIDGE___4 23583	28.83 -0.12 0.00	30.18 -0.14 0.00	29.75 -0.23 0.00	26.79 -0.18 0.00	32.07 -0.19 0.00	47.06 0.05 0.00	38.65 0.09 0.00	51.64 -0.19 0.00	47.53 -0.62 0.00	37.64 -0.67 0.00	40.11 -0.65 -1.23	34.69 -0.34 -1.25	56.31 -0.60 -8.46	43.12 -0.23 -4.88	36.48 -0.62 0.00	36.17 -0.93 0.19	54.48 -2.37 7.34	38.58 -1.94 15.69	64.84 -0.82 0.00	48.53 -0.77 0.00	42.58 -1.19 0.01	33.84 -0.99 0.00	31.51 -0.63 0.00	24.42 -0.34 0.00
GREENLWN_69_KV_BK 3 55738	30.66 1.70 0.00	32.10 1.77 0.00	31.61 1.63 0.00	28.36 1.39 0.00	33.78 1.53 0.00	48.98 1.97 0.00	40.30 1.74 0.00	53.70 1.86 0.00	49.64 2.10 0.60	40.27 1.95 0.00	41.84 2.31 0.00	39.40 1.90 -3.73	51.73 2.39 -0.90	39.99 2.02 0.51	38.95 1.85 0.00	39.35 2.06 0.00	68.15 3.96 0.00	59.75 3.54 0.00	69.90 4.24 0.00	52.27 2.96 0.00	45.93 2.16 0.00	36.55 1.72 0.00	33.58 1.45 0.00	25.69 0.93 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.72 2.25 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
GRISSOM___SOLAR 323813	30.35 1.39 0.00	31.80 1.48 0.00	31.44 1.46 0.00	28.30 1.32 0.00	33.87 1.62 0.00	49.49 2.48 0.00	40.87 2.31 0.00	55.12 3.28 0.00	50.79 2.64 0.00	39.28 0.96 0.00	39.98 0.44 0.00	34.17 0.39 0.00	49.33 0.89 0.00	39.64 1.17 0.00	38.62 1.52 0.00	38.65 1.36 0.00	67.21 3.01 0.00	59.02 2.81 0.00	69.73 4.07 0.00	52.43 3.12 0.00	46.39 2.61 0.00	36.85 2.02 0.00	33.93 1.79 0.00	26.08 1.32 0.00
GROVEVILLE___HYD 323602	30.55 1.59 0.00	31.87 1.55 0.00	31.45 1.47 0.00	28.25 1.28 0.00	33.66 1.40 0.00	49.06 2.05 0.00	40.57 2.02 0.00	54.64 2.79 0.00	51.03 2.88 0.00	40.38 2.06 0.00	41.80 2.27 0.00	35.63 1.86 0.00	51.11 2.66 0.00	40.68 2.21 0.00	39.24 2.14 0.00	39.59 2.30 0.00	68.47 4.28 0.00	59.97 3.76 0.00	70.27 4.61 0.00	52.55 3.24 0.00	46.24 2.46 0.00	36.74 1.92 0.00	33.83 1.69 0.00	25.97 1.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.75 -0.20 0.00	30.10 -0.23 0.00	29.74 -0.24 0.00	26.75 -0.23 0.00	31.99 -0.27 0.00	46.78 -0.23 0.00	38.27 -0.28 0.00	51.43 -0.41 0.00	47.76 -0.39 0.00	37.93 -0.39 0.00	39.22 -0.31 0.00	33.52 -0.26 0.00	48.10 -0.34 0.00	38.21 -0.26 0.00	36.82 -0.28 0.00	36.93 -0.36 0.00	63.49 -0.70 0.00	55.51 -0.45 0.25	65.50 -0.16 0.00	49.14 -0.17 0.00	43.47 -0.31 0.00	34.47 -0.35 0.00	31.82 -0.32 0.00	24.54 -0.23 0.00

HAMLTNNY_34_KV_TB 80303	28.80 -0.15 0.00	30.16 -0.17 0.00	29.79 -0.20 0.00	26.76 -0.21 0.00	32.04 -0.21 0.00	46.91 -0.11 0.00	38.31 -0.24 0.00	51.49 -0.35 0.00	47.82 -0.33 0.00	37.99 -0.33 0.00	39.29 -0.25 0.00	33.58 -0.19 0.00	48.12 -0.33 0.00	38.26 -0.21 0.00	36.86 -0.24 0.00	36.98 -0.30 0.02	62.90 -0.65 0.65	54.36 -0.41 1.44	65.61 -0.06 0.00	49.21 -0.09 0.00	43.51 -0.26 0.00	34.51 -0.31 0.00	31.87 -0.27 0.00	24.56 -0.20 0.00
HAMPSHIRE___PAPER_HYD 323593	28.51 -0.45 0.00	29.90 -0.42 0.00	29.62 -0.36 0.00	26.82 -0.15 0.00	32.64 0.39 0.00	47.61 0.60 0.00	39.13 0.57 0.00	52.33 0.49 0.00	48.40 0.25 0.00	38.18 -0.14 0.00	39.05 -0.48 0.00	33.54 -0.23 0.00	47.94 -0.51 0.00	37.93 -0.55 0.00	36.39 -0.70 0.00	36.30 -1.00 0.00	62.92 -1.28 0.00	55.73 -0.48 0.00	65.57 -0.09 0.00	49.38 0.07 0.00	43.88 0.10 0.00	35.14 0.32 0.00	32.42 0.28 0.00	24.97 0.20 0.00
HARDSCRABBLE_WT_PWR 323673	29.15 0.20 0.00	30.58 0.26 0.00	30.48 0.50 0.00	27.36 0.39 0.00	32.55 0.30 0.00	47.35 0.34 0.00	38.87 0.32 0.00	52.23 0.39 0.00	48.75 0.60 0.00	38.00 -0.32 0.00	38.98 -0.55 0.00	33.36 -0.42 0.00	48.19 -0.25 0.00	38.25 -0.22 0.00	37.18 0.08 0.00	37.51 0.22 0.00	64.53 0.33 0.00	56.81 0.60 0.00	67.13 1.47 0.00	50.41 1.11 0.00	44.47 0.70 0.00	35.24 0.42 0.00	32.35 0.21 0.00	24.80 0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.27 1.31 0.00	31.57 1.25 0.00	31.13 1.15 0.00	27.97 1.00 0.00	33.31 1.05 0.00	48.61 1.60 0.00	40.19 1.64 0.00	54.06 2.22 0.00	50.46 2.31 0.00	39.88 1.56 0.00	41.26 1.73 0.00	30.24 1.39 4.92	49.25 1.99 1.18	40.22 1.75 0.00	38.77 1.67 0.00	39.15 1.86 0.00	67.81 3.61 0.00	59.30 3.09 0.00	69.43 3.77 0.00	51.91 2.61 0.00	45.68 1.91 0.00	36.31 1.48 0.00	33.45 1.32 0.00	25.72 0.95 0.00
HARSNRAD_115KV_TB1 81005	27.56 -1.40 0.00	28.99 -1.33 0.00	28.60 -1.39 0.00	25.81 -1.16 0.00	30.91 -1.35 0.00	46.17 -0.84 0.00	37.16 -1.39 0.00	49.70 -2.14 0.00	45.82 -2.32 0.00	36.76 -1.56 0.00	38.63 -1.69 0.00	33.11 -1.46 0.00	52.05 -1.81 0.00	40.19 -1.40 0.00	35.42 -1.68 0.00	34.82 -2.42 0.06	56.81 -5.14 2.26	47.31 -4.15 4.75	62.07 -3.59 0.00	46.52 -2.78 0.00	41.02 -2.75 0.00	32.56 -2.27 0.00	30.55 -1.59 0.00	24.03 -0.73 0.00
HARZA MOOSE___RIVER 24016	28.71 -0.24 0.00	30.12 -0.20 0.00	29.84 -0.14 0.00	27.02 0.05 0.00	32.84 0.59 0.00	47.87 0.85 0.00	39.45 0.90 0.00	53.04 1.19 0.00	49.26 1.11 0.00	38.73 0.41 0.00	39.87 0.34 0.00	34.22 0.45 0.00	48.90 0.45 0.00	38.69 0.22 0.00	37.23 0.13 0.00	37.11 -0.19 0.00	64.29 0.10 0.00	56.98 0.77 0.00	67.11 1.45 0.00	50.53 1.23 0.00	44.70 0.92 0.00	35.63 0.80 0.00	32.82 0.68 0.00	25.14 0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.59 -0.37 0.00	29.93 -0.39 0.00	29.58 -0.41 0.00	26.61 -0.36 0.00	31.81 -0.44 0.00	46.50 -0.51 0.00	38.05 -0.50 0.00	51.18 -0.66 0.00	47.53 -0.62 0.00	37.75 -0.57 0.00	39.04 -0.50 0.00	33.35 -0.43 0.00	47.90 -0.54 0.00	38.04 -0.43 0.00	36.64 -0.46 0.00	36.74 -0.55 0.00	63.16 -1.04 0.00	55.43 -0.78 0.00	65.11 -0.55 0.00	48.86 -0.45 0.00	43.21 -0.57 0.00	34.29 -0.53 0.00	31.65 -0.49 0.00	24.42 -0.34 0.00
HELLGATE_13_KV_LD 55870	30.74 1.79 0.00	32.05 1.73 0.00	31.61 1.62 0.00	28.40 1.43 0.00	33.78 1.53 0.00	49.18 2.17 0.00	40.72 2.16 0.00	54.71 2.87 0.00	51.20 3.05 0.00	40.63 2.31 0.00	42.14 2.60 0.00	39.62 2.15 -3.69	52.43 3.10 -0.89	42.13 2.54 -1.12	40.20 2.42 -0.68	103.68 2.59 -63.79	68.94 4.74 0.00	60.29 4.08 0.00	70.53 4.86 0.00	52.66 3.35 0.00	46.33 2.55 0.00	36.96 2.13 -0.01	34.07 1.93 -0.01	26.19 1.42 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.74 1.79 0.00	32.05 1.73 0.00	31.61 1.62 0.00	28.40 1.43 0.00	33.78 1.53 0.00	49.18 2.17 0.00	40.72 2.16 0.00	54.71 2.87 0.00	51.20 3.05 0.00	40.63 2.31 0.00	42.14 2.60 0.00	39.62 2.15 -3.69	52.43 3.10 -0.89	42.13 2.54 -1.12	40.20 2.42 -0.68	103.68 2.59 -63.79	68.94 4.74 0.00	60.29 4.08 0.00	70.53 4.86 0.00	52.66 3.35 0.00	46.33 2.55 0.00	36.96 2.13 -0.01	34.07 1.93 -0.01	26.19 1.42 0.00
HEMPSTEAD____ 23647	30.70 1.75 0.00	32.08 1.75 0.00	31.60 1.62 0.00	28.35 1.38 0.00	33.78 1.53 0.00	49.10 2.09 0.00	40.49 1.94 0.00	54.04 2.19 0.00	50.29 2.47 0.33	40.45 2.13 0.00	42.10 2.56 0.00	39.58 2.08 -3.73	51.94 2.60 -0.90	40.35 2.13 0.25	39.17 2.07 0.00	39.57 2.27 0.00	68.59 4.40 0.00	60.04 3.84 0.00	70.39 4.73 0.00	52.55 3.24 0.00	46.20 2.42 0.00	36.80 1.98 0.00	33.83 1.69 0.00	25.92 1.16 0.00
HEWLETT_69_KV_BK3 55828	30.95 2.00 0.00	32.32 1.99 0.00	31.83 1.84 0.00	28.56 1.59 0.00	34.02 1.77 0.00	49.53 2.52 0.00	40.90 2.35 0.00	54.77 2.93 0.00	51.17 3.10 0.08	40.90 2.58 0.00	42.47 2.94 0.00	39.90 2.39 -3.73	52.51 3.17 -0.90	41.00 2.60 0.06	39.62 2.53 0.00	40.02 2.73 0.00	69.37 5.18 0.00	60.69 4.48 0.00	71.02 5.36 0.00	53.17 3.86 0.00	46.72 2.95 0.00	37.17 2.34 0.00	34.15 2.01 0.00	26.15 1.38 0.00
HICKLING___1 23621	28.69 -0.26 0.00	30.02 -0.30 0.00	29.56 -0.43 0.00	26.62 -0.35 0.00	31.78 -0.47 0.00	46.96 -0.05 0.00	38.52 -0.03 0.00	51.16 -0.68 0.00	46.75 -1.40 0.00	36.91 -1.41 0.00	40.15 -1.18 -1.80	34.59 -1.03 -1.84	59.67 -1.20 -12.41	44.90 -0.73 -7.16	35.93 -1.17 0.00	35.46 -1.65 0.18	54.00 -3.04 7.15	37.94 -3.00 15.27	63.92 -1.75 0.00	47.62 -1.68 0.00	41.59 -2.18 0.01	32.97 -1.85 0.00	30.73 -1.41 0.00	23.86 -0.91 0.00
HICKLING___2 23622	28.69 -0.26 0.00	30.02 -0.30 0.00	29.56 -0.43 0.00	26.62 -0.35 0.00	31.78 -0.47 0.00	46.96 -0.05 0.00	38.52 -0.03 0.00	51.16 -0.68 0.00	46.75 -1.40 0.00	36.91 -1.41 0.00	40.15 -1.18 -1.80	34.59 -1.03 -1.84	59.67 -1.20 -12.41	44.90 -0.73 -7.16	35.93 -1.17 0.00	35.46 -1.65 0.18	54.00 -3.04 7.15	37.94 -3.00 15.27	63.92 -1.75 0.00	47.62 -1.68 0.00	41.59 -2.18 0.01	32.97 -1.85 0.00	30.73 -1.41 0.00	23.86 -0.91 0.00
HIGH FALLS___HY 23754	30.43 1.48 0.00	31.73 1.40 0.00	31.27 1.29 0.00	28.10 1.13 0.00	33.45 1.20 0.00	48.82 1.81 0.00	40.39 1.84 0.00	54.36 2.52 0.00	50.76 2.62 0.00	40.13 1.81 0.00	41.48 1.95 0.00	35.43 1.65 0.00	50.76 2.32 0.00	40.34 1.88 0.00	39.00 1.91 0.00	39.38 2.09 0.00	68.04 3.84 0.00	59.70 3.49 0.00	69.93 4.27 0.00	52.31 3.00 0.00	46.01 2.24 0.00	36.58 1.75 0.00	33.71 1.57 0.00	25.90 1.14 0.00
HIGH_RIVER___SOLAR 323847	30.06 1.11 0.00	31.48 1.16 0.00	31.14 1.16 0.00	28.01 1.03 0.00	33.48 1.23 0.00	48.80 1.79 0.00	40.24 1.69 0.00	54.21 2.37 0.00	50.17 2.03 0.00	39.24 0.92 0.00	40.10 0.57 0.00	34.21 0.43 0.00	49.11 0.66 0.00	39.25 0.78 0.00	38.16 1.06 0.00	38.44 1.15 0.00	66.73 2.53 0.00	58.45 2.24 0.00	68.81 3.15 0.00	51.67 2.37 0.00	45.71 1.94 0.00	36.32 1.49 0.00	33.46 1.32 0.00	25.71 0.95 0.00

HILLBURN___GT 23639	30.23 1.28 0.00	31.53 1.21 0.00	31.08 1.10 0.00	27.92 0.95 0.00	33.24 0.99 0.00	48.51 1.50 0.00	40.13 1.58 0.00	53.93 2.10 0.00	50.35 2.20 0.00	39.76 1.44 0.00	41.15 1.61 0.00	29.39 1.27 5.67	48.92 1.83 1.36	40.11 1.64 0.00	38.64 1.54 0.00	39.02 1.73 0.00	67.60 3.40 0.00	59.08 2.87 0.00	69.16 3.49 0.00	51.70 2.40 0.00	45.49 1.71 0.00	36.17 1.35 0.00	33.34 1.20 0.00	25.65 0.89 0.00
HILLSIDE_115KV_TB1 80332	28.55 -0.40 0.00	29.83 -0.49 0.00	29.37 -0.61 0.00	26.43 -0.54 0.00	31.50 -0.75 0.00	46.44 -0.57 0.00	38.07 -0.48 0.00	50.71 -1.13 0.00	46.34 -1.81 0.00	36.52 -1.80 0.00	39.61 -1.55 -1.63	34.09 -1.36 -1.66	58.05 -1.64 -11.23	43.89 -1.06 -6.48	35.63 -1.47 0.00	35.22 -1.90 0.18	53.80 -3.42 6.97	37.86 -3.47 14.88	63.35 -2.32 0.00	47.20 -2.11 0.00	41.24 -2.53 0.01	32.71 -2.12 0.00	30.48 -1.66 0.00	23.65 -1.11 0.00
HISHELDN_WT_PWR 323625	27.80 -1.15 0.00	29.24 -1.08 0.00	28.82 -1.16 0.00	26.03 -0.94 0.00	31.17 -1.08 0.00	46.45 -0.57 0.00	37.62 -0.94 0.00	50.12 -1.72 0.00	46.06 -2.09 0.00	36.82 -1.50 0.00	42.73 -1.56 -4.75	37.27 -1.38 -4.87	79.58 -1.72 -32.86	56.16 -1.27 -18.95	35.51 -1.59 0.00	34.90 -2.31 0.08	56.34 -4.63 3.23	45.58 -3.81 6.81	62.62 -3.04 0.00	46.81 -2.49 0.00	41.15 -2.62 0.00	32.54 -2.29 0.00	30.48 -1.66 0.00	23.90 -0.87 0.00
HOLTSVILLE_IC_1 23690	30.90 1.95 0.00	32.34 2.02 0.00	31.85 1.87 0.00	28.56 1.59 0.00	34.01 1.76 0.00	49.33 2.32 0.00	40.65 2.10 0.00	54.10 2.26 0.00	49.94 2.40 0.61	40.61 2.29 0.00	42.26 2.73 0.00	39.74 2.23 -3.73	52.15 2.80 -0.90	40.16 2.22 0.52	39.11 2.01 0.00	39.56 2.27 0.00	68.81 4.61 0.00	60.40 4.20 0.00	70.72 5.06 0.00	52.86 3.55 0.00	46.42 2.64 0.00	36.97 2.14 0.00	33.93 1.79 0.00	25.95 1.19 0.00
HOLTSVILLE_IC_10 23699	31.03 2.08 0.00	32.46 2.14 0.00	31.97 1.99 0.00	28.66 1.70 0.00	34.14 1.89 0.00	49.54 2.53 0.00	40.85 2.30 0.00	54.36 2.52 0.00	50.16 2.62 0.61	40.82 2.51 0.00	42.50 2.97 0.00	39.94 2.44 -3.73	52.40 3.05 -0.90	40.34 2.39 0.52	39.27 2.18 0.00	39.75 2.45 0.00	69.22 5.02 0.00	60.77 4.56 0.00	71.16 5.50 0.00	53.20 3.90 0.00	46.70 2.92 0.00	37.17 2.34 0.00	34.11 1.97 0.00	26.07 1.31 0.00
HOLTSVILLE_IC_2 23691	30.90 1.95 0.00	32.34 2.02 0.00	31.85 1.87 0.00	28.56 1.59 0.00	34.01 1.76 0.00	49.33 2.32 0.00	40.65 2.10 0.00	54.10 2.26 0.00	49.94 2.40 0.61	40.61 2.29 0.00	42.26 2.73 0.00	39.74 2.23 -3.73	52.15 2.80 -0.90	40.16 2.22 0.52	39.11 2.01 0.00	39.56 2.27 0.00	68.81 4.61 0.00	60.40 4.20 0.00	70.72 5.06 0.00	52.86 3.55 0.00	46.42 2.64 0.00	36.97 2.14 0.00	33.93 1.79 0.00	25.95 1.19 0.00
HOLTSVILLE_IC_3 23692	30.90 1.95 0.00	32.34 2.02 0.00	31.85 1.87 0.00	28.56 1.59 0.00	34.01 1.76 0.00	49.33 2.32 0.00	40.65 2.10 0.00	54.10 2.26 0.00	49.94 2.40 0.61	40.61 2.29 0.00	42.26 2.73 0.00	39.74 2.23 -3.73	52.15 2.80 -0.90	40.16 2.22 0.52	39.11 2.01 0.00	39.56 2.27 0.00	68.81 4.61 0.00	60.40 4.20 0.00	70.72 5.06 0.00	52.86 3.55 0.00	46.42 2.64 0.00	36.97 2.14 0.00	33.93 1.79 0.00	25.95 1.19 0.00
HOLTSVILLE_IC_4 23693	30.90 1.95 0.00	32.34 2.02 0.00	31.85 1.87 0.00	28.56 1.59 0.00	34.01 1.76 0.00	49.33 2.32 0.00	40.65 2.10 0.00	54.10 2.26 0.00	49.94 2.40 0.61	40.61 2.29 0.00	42.26 2.73 0.00	39.74 2.23 -3.73	52.15 2.80 -0.90	40.16 2.22 0.52	39.11 2.01 0.00	39.56 2.27 0.00	68.81 4.61 0.00	60.40 4.20 0.00	70.72 5.06 0.00	52.86 3.55 0.00	46.42 2.64 0.00	36.97 2.14 0.00	33.93 1.79 0.00	25.95 1.19 0.00
HOLTSVILLE_IC_5 23694	30.90 1.95 0.00	32.34 2.02 0.00	31.85 1.87 0.00	28.56 1.59 0.00	34.01 1.76 0.00	49.33 2.32 0.00	40.65 2.10 0.00	54.10 2.26 0.00	49.94 2.40 0.61	40.61 2.29 0.00	42.26 2.73 0.00	39.74 2.23 -3.73	52.15 2.80 -0.90	40.16 2.22 0.52	39.11 2.01 0.00	39.56 2.27 0.00	68.81 4.61 0.00	60.40 4.20 0.00	70.72 5.06 0.00	52.86 3.55 0.00	46.42 2.64 0.00	36.97 2.14 0.00	33.93 1.79 0.00	25.95 1.19 0.00
HOLTSVILLE_IC_6 23695	31.03 2.08 0.00	32.46 2.14 0.00	31.97 1.99 0.00	28.66 1.70 0.00	34.14 1.89 0.00	49.54 2.53 0.00	40.85 2.30 0.00	54.36 2.52 0.00	50.16 2.62 0.61	40.82 2.51 0.00	42.50 2.97 0.00	39.94 2.44 -3.73	52.40 3.05 -0.90	40.34 2.39 0.52	39.27 2.18 0.00	39.75 2.45 0.00	69.22 5.02 0.00	60.77 4.56 0.00	71.16 5.50 0.00	53.20 3.90 0.00	46.70 2.92 0.00	37.17 2.34 0.00	34.11 1.97 0.00	26.07 1.31 0.00
HOLTSVILLE_IC_7 23696	31.03 2.08 0.00	32.46 2.14 0.00	31.97 1.99 0.00	28.66 1.70 0.00	34.14 1.89 0.00	49.54 2.53 0.00	40.85 2.30 0.00	54.36 2.52 0.00	50.16 2.62 0.61	40.82 2.51 0.00	42.50 2.97 0.00	39.94 2.44 -3.73	52.40 3.05 -0.90	40.34 2.39 0.52	39.27 2.18 0.00	39.75 2.45 0.00	69.22 5.02 0.00	60.77 4.56 0.00	71.16 5.50 0.00	53.20 3.90 0.00	46.70 2.92 0.00	37.17 2.34 0.00	34.11 1.97 0.00	26.07 1.31 0.00
HOLTSVILLE_IC_8 23697	31.03 2.08 0.00	32.46 2.14 0.00	31.97 1.99 0.00	28.66 1.70 0.00	34.14 1.89 0.00	49.54 2.53 0.00	40.85 2.30 0.00	54.36 2.52 0.00	50.16 2.62 0.61	40.82 2.51 0.00	42.50 2.97 0.00	39.94 2.44 -3.73	52.40 3.05 -0.90	40.34 2.39 0.52	39.27 2.18 0.00	39.75 2.45 0.00	69.22 5.02 0.00	60.77 4.56 0.00	71.16 5.50 0.00	53.20 3.90 0.00	46.70 2.92 0.00	37.17 2.34 0.00	34.11 1.97 0.00	26.07 1.31 0.00
HOLTSVILLE_IC_9 23698	31.03 2.08 0.00	32.46 2.14 0.00	31.97 1.99 0.00	28.66 1.70 0.00	34.14 1.89 0.00	49.54 2.53 0.00	40.85 2.30 0.00	54.36 2.52 0.00	50.16 2.62 0.61	40.82 2.51 0.00	42.50 2.97 0.00	39.94 2.44 -3.73	52.40 3.05 -0.90	40.34 2.39 0.52	39.27 2.18 0.00	39.75 2.45 0.00	69.22 5.02 0.00	60.77 4.56 0.00	71.16 5.50 0.00	53.20 3.90 0.00	46.70 2.92 0.00	37.17 2.34 0.00	34.11 1.97 0.00	26.07 1.31 0.00
HOMER_HL_115KV_TB2 355744	28.87 -0.08 0.00	30.21 -0.11 0.00	29.72 -0.27 0.00	26.73 -0.24 0.00	32.04 -0.21 0.00	47.55 0.54 0.00	38.73 0.18 0.00	51.84 0.00 0.00	48.05 -0.09 0.00	38.04 -0.28 0.00	43.77 -0.12 -4.36	37.95 -0.28 -4.46	78.24 -0.26 -30.05	55.91 0.11 -17.33	36.78 -0.31 0.00	36.28 -0.93 0.08	58.96 -2.21 3.03	47.48 -2.33 6.40	64.29 -1.37 0.00	48.09 -1.21 0.00	42.36 -1.42 0.00	33.53 -1.30 0.00	31.39 -0.75 0.00	24.56 -0.20 0.00
HOWARD_WT_PWR 323690	27.85 -1.11 0.00	29.30 -1.02 0.00	28.75 -1.24 0.00	25.95 -1.02 0.00	31.69 -0.57 0.00	47.11 0.09 0.00	38.92 0.37 0.00	51.77 -0.07 0.00	47.67 -0.48 0.00	37.89 -0.43 0.00	41.91 -0.13 -2.51	35.77 -0.54 -2.53	63.95 -1.51 -17.02	46.93 -1.35 -9.82	35.25 -1.85 0.00	34.55 -2.58 0.17	53.23 -4.36 6.60	38.68 -3.45 14.08	63.63 -2.03 0.00	47.09 -2.21 0.00	40.96 -2.81 0.00	32.32 -2.51 0.00	30.25 -1.89 0.00	23.67 -1.09 0.00

HQ_GEN_CEDARS 23644	28.86 -0.10 0.00	30.27 -0.06 0.00	29.92 -0.07 0.00	26.94 -0.03 0.00	32.44 0.19 0.00	47.34 0.33 0.00	38.75 0.19 0.00	51.89 0.05 0.00	47.92 -0.22 0.00	38.32 0.00 0.00	39.19 -0.35 0.00	33.62 -0.16 0.00	48.12 -0.32 0.00	38.24 -0.23 0.00	36.79 -0.31 0.00	36.94 -0.36 0.00	63.59 -0.61 0.00	55.73 -0.48 0.00	64.93 -0.73 0.00	48.79 -0.52 0.00	43.60 -0.18 0.00	34.90 0.07 0.00	32.25 0.11 0.00	24.97 0.20 0.00
HQ_GEN_CEDARS_PROXY 323590	28.86 -0.10 0.00	30.27 -0.06 0.00	29.92 -0.07 0.00	26.94 -0.03 0.00	32.45 0.19 0.00	47.34 0.33 0.00	38.75 0.19 0.00	51.89 0.05 0.00	47.92 -0.22 0.00	38.32 0.00 0.00	39.19 -0.35 0.00	33.62 -0.16 0.00	48.12 -0.32 0.00	38.24 -0.23 0.00	36.79 -0.31 0.00	36.94 -0.36 0.00	63.59 -0.61 0.00	55.73 -0.48 0.00	64.94 -0.73 0.00	48.79 -0.52 0.00	43.60 -0.18 0.00	34.90 0.07 0.00	32.25 0.11 0.00	24.97 0.20 0.00
HQ_GEN_IMPORT 323601	28.85 -0.11 0.00	30.23 -0.09 0.00	29.89 -0.10 0.00	26.89 -0.08 0.00	32.24 -0.01 0.00	47.89 0.00 -0.88	38.52 -0.03 0.00	51.74 -0.10 0.00	47.91 -0.24 0.00	38.33 0.01 0.00	39.44 -0.09 0.00	33.73 -0.05 0.00	51.06 -0.12 -2.73	38.64 -0.07 -0.24	37.02 -0.08 0.00	37.30 -0.09 -0.10	64.00 -0.19 0.00	55.27 -0.30 0.63	63.27 -0.68 1.71	48.89 -0.43 -0.01	43.75 -0.14 -0.11	34.80 -0.03 0.00	32.13 -0.01 0.00	24.79 0.03 0.00
HQ_GEN_WHEEL 23651	28.85 -0.11 0.00	30.23 -0.09 0.00	29.89 -0.10 0.00	26.89 -0.08 0.00	32.24 -0.01 0.00	47.89 0.00 -0.88	38.52 -0.03 0.00	51.74 -0.10 0.00	47.91 -0.24 0.00	38.33 0.01 0.00	39.44 -0.09 0.00	33.73 -0.05 0.00	51.06 -0.12 -2.73	38.64 -0.07 -0.24	37.02 -0.08 0.00	37.30 -0.09 -0.10	64.00 -0.19 0.00	55.27 -0.30 0.63	63.27 -0.68 1.71	48.89 -0.43 -0.01	43.75 -0.14 -0.11	34.80 -0.03 0.00	32.13 -0.01 0.00	24.79 0.03 0.00
HUDSON_AVE_GT_3 23810	30.68 1.73 0.00	32.00 1.67 0.00	31.54 1.56 0.00	28.34 1.36 0.00	33.70 1.45 0.00	49.13 2.12 0.00	40.65 2.10 0.00	54.67 2.83 0.00	51.15 3.00 0.00	40.58 2.26 0.00	42.08 2.55 0.00	39.57 2.10 -3.69	52.36 3.03 -0.89	40.99 2.52 0.00	39.51 2.41 0.00	39.87 2.57 0.00	68.92 4.73 0.00	60.30 4.09 0.00	70.55 4.90 0.00	52.68 3.38 0.00	46.31 2.54 0.00	36.89 2.07 0.00	33.99 1.85 0.00	26.12 1.36 0.00
HUDSON_AVE_GT_4 23540	30.68 1.73 0.00	32.00 1.67 0.00	31.54 1.56 0.00	28.34 1.36 0.00	33.70 1.45 0.00	49.13 2.12 0.00	40.65 2.10 0.00	54.67 2.83 0.00	51.15 3.00 0.00	40.58 2.26 0.00	42.08 2.55 0.00	39.57 2.10 -3.69	52.36 3.03 -0.89	40.99 2.52 0.00	39.51 2.41 0.00	39.87 2.57 0.00	68.92 4.73 0.00	60.30 4.09 0.00	70.55 4.90 0.00	52.68 3.38 0.00	46.31 2.54 0.00	36.89 2.07 0.00	33.99 1.85 0.00	26.12 1.36 0.00
HUDSON_AVE_GT_5 23657	30.68 1.73 0.00	32.00 1.67 0.00	31.54 1.56 0.00	28.34 1.36 0.00	33.70 1.45 0.00	49.13 2.12 0.00	40.65 2.10 0.00	54.67 2.83 0.00	51.15 3.00 0.00	40.58 2.26 0.00	42.08 2.55 0.00	39.57 2.10 -3.69	52.36 3.03 -0.89	40.99 2.52 0.00	39.51 2.41 0.00	39.87 2.57 0.00	68.92 4.73 0.00	60.30 4.09 0.00	70.55 4.90 0.00	52.68 3.38 0.00	46.31 2.54 0.00	36.89 2.07 0.00	33.99 1.85 0.00	26.12 1.36 0.00
HUDSON_AVE_10 24168	30.56 1.61 0.00	31.86 1.54 0.00	31.42 1.44 0.00	28.23 1.26 0.00	33.56 1.31 0.00	48.93 1.91 0.00	40.49 1.94 0.00	54.43 2.59 0.00	50.92 2.77 0.00	40.39 2.07 0.00	41.85 2.32 0.00	39.39 1.92 -3.69	52.11 2.78 -0.89	40.81 2.34 0.00	39.31 2.21 0.00	39.68 2.38 0.00	68.60 4.40 0.00	60.03 3.82 0.00	70.23 4.57 0.00	52.47 3.16 0.00	46.12 2.35 0.00	36.76 1.93 0.00	33.84 1.70 0.00	26.01 1.25 0.00
HUDSON___115KV_TB 4 355613	29.98 1.03 0.00	31.41 1.09 0.00	31.11 1.13 0.00	27.94 0.97 0.00	33.35 1.10 0.00	48.55 1.54 0.00	40.03 1.48 0.00	54.12 2.28 0.00	50.34 2.19 0.00	39.60 1.28 0.00	40.77 1.23 0.00	34.63 0.85 0.00	49.60 1.16 0.00	39.38 0.91 0.00	38.09 0.99 0.00	38.46 1.17 0.00	66.70 2.50 0.00	58.95 2.74 0.00	69.22 3.56 0.00	51.96 2.66 0.00	45.84 2.07 0.00	36.33 1.51 0.00	33.39 1.25 0.00	25.56 0.80 0.00
HUNTER MOUNT___DRP 323613	30.11 1.16 0.00	31.55 1.23 0.00	31.26 1.28 0.00	28.08 1.11 0.00	33.54 1.28 0.00	48.83 1.82 0.00	40.27 1.72 0.00	54.51 2.66 0.00	50.64 2.49 0.00	39.75 1.43 0.00	40.91 1.37 0.00	34.71 0.93 0.00	49.72 1.28 0.00	39.46 0.99 0.00	38.18 1.08 0.00	38.63 1.33 0.00	67.08 2.88 0.00	59.26 3.05 0.00	69.69 4.03 0.00	52.32 3.02 0.00	46.17 2.40 0.00	36.57 1.74 0.00	33.57 1.43 0.00	25.69 0.92 0.00
HUNTINGTON_RES_REC 323705	30.79 1.84 0.00	32.22 1.90 0.00	31.74 1.76 0.00	28.46 1.49 0.00	33.91 1.66 0.00	49.17 2.16 0.00	40.49 1.94 0.00	53.91 2.07 0.00	49.77 2.23 0.61	40.47 2.15 0.00	42.09 2.55 0.00	39.60 2.09 -3.73	51.90 2.56 -0.90	40.06 2.11 0.52	39.02 1.92 0.00	39.47 2.18 0.00	68.54 4.34 0.00	60.12 3.91 0.00	70.34 4.68 0.00	52.60 3.29 0.00	46.21 2.43 0.00	36.79 1.97 0.00	33.76 1.63 0.00	25.82 1.05 0.00
HUNTLEY___63 23557	27.79 -1.16 0.00	29.23 -1.09 0.00	28.83 -1.15 0.00	26.04 -0.94 0.00	31.17 -1.09 0.00	46.54 -0.48 0.00	37.51 -1.04 0.00	50.16 -1.68 0.00	46.28 -1.87 0.00	37.10 -1.21 0.00	40.15 -1.29 -1.90	34.61 -1.12 -1.95	60.26 -1.32 -13.13	45.03 -1.02 -7.57	35.80 -1.30 0.00	35.20 -2.03 0.06	57.37 -4.48 2.35	47.67 -3.61 4.94	62.70 -2.97 0.00	46.98 -2.33 0.00	41.41 -2.36 0.00	32.85 -1.98 0.00	30.82 -1.32 0.00	24.24 -0.53 0.00
HUNTLEY___64 23558	27.79 -1.16 0.00	29.23 -1.09 0.00	28.83 -1.15 0.00	26.04 -0.94 0.00	31.17 -1.09 0.00	46.54 -0.48 0.00	37.51 -1.04 0.00	50.16 -1.68 0.00	46.28 -1.87 0.00	37.10 -1.21 0.00	40.15 -1.29 -1.90	34.61 -1.12 -1.95	60.26 -1.32 -13.13	45.03 -1.02 -7.57	35.80 -1.30 0.00	35.20 -2.03 0.06	57.37 -4.48 2.35	47.67 -3.61 4.94	62.70 -2.97 0.00	46.98 -2.33 0.00	41.41 -2.36 0.00	32.85 -1.98 0.00	30.82 -1.32 0.00	24.24 -0.53 0.00
HUNTLEY___65 23559	27.79 -1.16 0.00	29.23 -1.09 0.00	28.83 -1.15 0.00	26.04 -0.94 0.00	31.17 -1.09 0.00	46.54 -0.48 0.00	37.51 -1.04 0.00	50.16 -1.68 0.00	46.28 -1.87 0.00	37.10 -1.21 0.00	40.15 -1.29 -1.90	34.61 -1.12 -1.95	60.26 -1.32 -13.13	45.03 -1.02 -7.57	35.80 -1.30 0.00	35.20 -2.03 0.06	57.37 -4.48 2.35	47.67 -3.61 4.94	62.70 -2.97 0.00	46.98 -2.33 0.00	41.41 -2.36 0.00	32.85 -1.98 0.00	30.82 -1.32 0.00	24.24 -0.53 0.00
HUNTLEY___66 23560	27.79 -1.16 0.00	29.23 -1.09 0.00	28.83 -1.15 0.00	26.04 -0.94 0.00	31.17 -1.09 0.00	46.54 -0.48 0.00	37.51 -1.04 0.00	50.16 -1.68 0.00	46.28 -1.87 0.00	37.10 -1.21 0.00	40.15 -1.29 -1.90	34.61 -1.12 -1.95	60.26 -1.32 -13.13	45.03 -1.02 -7.57	35.80 -1.30 0.00	35.20 -2.03 0.06	57.37 -4.48 2.35	47.67 -3.61 4.94	62.70 -2.97 0.00	46.98 -2.33 0.00	41.41 -2.36 0.00	32.85 -1.98 0.00	30.82 -1.32 0.00	24.24 -0.53 0.00

HUNTLEY___67 23561	27.64 -1.31 0.00	29.08 -1.24 0.00	28.69 -1.29 0.00	25.89 -1.08 0.00	31.00 -1.25 0.00	46.27 -0.75 0.00	37.30 -1.26 0.00	49.85 -1.99 0.00	45.94 -2.20 0.00	36.82 -1.50 0.00	29.98 -1.54 8.02	24.24 -1.32 8.21	-8.58 -1.61 55.41	5.24 -1.27 31.96	35.54 -1.56 0.00	34.95 -2.28 0.06	56.91 -4.85 2.43	47.11 -4.00 5.10	62.28 -3.38 0.00	46.65 -2.66 0.00	41.13 -2.65 0.00	32.60 -2.22 0.00	30.59 -1.55 0.00	24.04 -0.72 0.00
HUNTLEY___68 23562	27.64 -1.31 0.00	29.08 -1.24 0.00	28.69 -1.29 0.00	25.89 -1.08 0.00	31.00 -1.25 0.00	46.27 -0.75 0.00	37.30 -1.26 0.00	49.85 -1.99 0.00	45.94 -2.20 0.00	36.82 -1.50 0.00	29.98 -1.54 8.02	24.24 -1.32 8.21	-8.58 -1.61 55.41	5.24 -1.27 31.96	35.54 -1.56 0.00	34.95 -2.28 0.06	56.91 -4.85 2.43	47.11 -4.00 5.10	62.28 -3.38 0.00	46.65 -2.66 0.00	41.13 -2.65 0.00	32.60 -2.22 0.00	30.59 -1.55 0.00	24.04 -0.72 0.00
HYLAND___LFGE 323620	29.31 0.36 0.00	30.73 0.40 0.00	30.24 0.26 0.00	27.25 0.27 0.00	32.70 0.45 0.00	48.68 1.67 0.00	39.86 1.31 0.00	53.40 1.56 0.00	49.14 0.99 0.00	39.06 0.74 0.00	40.92 -0.14 -1.52	35.18 -0.17 -1.57	58.88 -0.18 -10.61	44.63 0.04 -6.12	36.96 -0.14 0.00	36.44 -0.76 0.10	58.54 -1.86 3.80	47.36 -0.75 8.10	66.89 1.23 0.00	50.38 1.08 0.00	44.24 0.47 0.00	34.89 0.07 0.00	32.41 0.27 0.00	25.22 0.45 0.00
INDECK___CORINTH 23802	30.73 1.78 0.00	32.15 1.82 0.00	31.85 1.87 0.00	28.64 1.66 0.00	34.29 2.03 0.00	49.91 2.89 0.00	41.13 2.58 0.00	55.56 3.72 0.00	51.80 3.65 0.00	40.78 2.47 0.00	42.22 2.68 0.00	35.91 2.13 0.00	51.38 2.93 0.00	40.71 2.24 0.00	39.30 2.21 0.00	39.64 2.35 0.00	68.63 4.44 0.00	60.37 4.16 0.00	70.85 5.19 0.00	53.30 3.99 0.00	47.08 3.30 0.00	37.26 2.43 0.00	34.26 2.12 0.00	26.20 1.44 0.00
INDECK___ILION 23567	29.15 0.20 0.00	30.53 0.21 0.00	30.27 0.29 0.00	27.20 0.23 0.00	32.44 0.19 0.00	47.23 0.22 0.00	38.82 0.27 0.00	52.25 0.41 0.00	48.63 0.48 0.00	38.26 -0.06 0.00	39.38 -0.15 0.00	33.65 -0.12 0.00	48.45 0.00 0.00	38.47 0.00 0.00	37.27 0.17 0.00	37.54 0.25 0.00	64.69 0.49 0.00	56.82 0.61 0.00	66.77 1.11 0.00	50.11 0.80 0.00	44.27 0.50 0.00	35.14 0.31 0.00	32.35 0.21 0.00	24.84 0.08 0.00
INDECK___OLEAN 23982	28.87 -0.08 0.00	30.21 -0.11 0.00	29.71 -0.27 0.00	26.73 -0.24 0.00	32.04 -0.21 0.00	47.55 0.53 0.00	38.73 0.18 0.00	51.84 0.00 0.00	48.05 -0.09 0.00	38.05 -0.27 0.00	43.78 -0.11 -4.36	37.96 -0.27 -4.46	78.26 -0.24 -30.05	55.91 0.11 -17.33	36.78 -0.31 0.00	36.29 -0.92 0.08	58.97 -2.20 3.03	47.49 -2.32 6.40	64.29 -1.38 0.00	48.09 -1.21 0.00	42.36 -1.42 0.00	33.53 -1.30 0.00	31.39 -0.75 0.00	24.57 -0.20 0.00
INDECK___OSWEGO 23783	28.21 -0.74 0.00	29.55 -0.78 0.00	29.20 -0.78 0.00	26.29 -0.68 0.00	31.47 -0.78 0.00	45.94 -1.07 0.00	37.57 -0.98 0.00	50.52 -1.32 0.00	46.91 -1.24 0.00	37.23 -1.09 0.00	38.41 -1.12 0.00	32.86 -0.92 0.00	47.18 -1.27 0.00	37.44 -1.03 0.00	36.06 -1.04 0.00	36.16 -1.13 0.00	62.21 -1.99 0.00	54.65 -1.56 0.00	64.22 -1.44 0.00	48.21 -1.10 0.00	42.69 -1.09 0.00	33.89 -0.93 0.00	31.28 -0.86 0.00	24.12 -0.65 0.00
INDECK___YERKES 23781	27.81 -1.15 0.00	29.25 -1.07 0.00	28.86 -1.13 0.00	26.06 -0.91 0.00	31.20 -1.06 0.00	46.58 -0.44 0.00	37.55 -1.01 0.00	50.21 -1.63 0.00	46.34 -1.81 0.00	37.15 -1.17 0.00	40.19 -1.24 -1.90	34.66 -1.06 -1.95	60.32 -1.26 -13.13	45.07 -0.97 -7.57	35.84 -1.26 0.00	35.26 -1.97 0.06	57.44 -4.40 2.35	47.74 -3.53 4.94	62.75 -2.91 0.00	47.03 -2.27 0.00	41.46 -2.31 0.00	32.88 -1.94 0.00	30.86 -1.28 0.00	24.27 -0.50 0.00
INDIAN POINT_GT_1 24139	30.33 1.38 0.00	31.65 1.32 0.00	31.20 1.22 0.00	28.03 1.06 0.00	33.37 1.12 0.00	48.65 1.64 0.00	40.22 1.66 0.00	54.07 2.23 0.00	50.54 2.39 0.00	40.03 1.71 0.00	41.45 1.92 0.00	67.14 1.54 -31.82	58.29 2.20 -7.65	40.32 1.86 0.00	38.87 1.77 0.00	39.23 1.94 0.00	67.89 3.70 0.00	59.40 3.19 0.00	69.53 3.86 0.00	51.98 2.67 0.00	45.72 1.95 0.00	36.39 1.56 0.00	33.53 1.39 0.00	25.76 0.99 0.00
INDIAN POINT_GT_2 23659	30.33 1.38 0.00	31.65 1.32 0.00	31.20 1.22 0.00	28.03 1.06 0.00	33.37 1.12 0.00	48.65 1.64 0.00	40.22 1.66 0.00	54.07 2.23 0.00	50.54 2.39 0.00	40.03 1.71 0.00	41.45 1.92 0.00	67.14 1.54 -31.82	58.29 2.20 -7.65	40.32 1.86 0.00	38.87 1.77 0.00	39.23 1.94 0.00	67.89 3.70 0.00	59.40 3.19 0.00	69.53 3.86 0.00	51.98 2.67 0.00	45.72 1.95 0.00	36.39 1.56 0.00	33.53 1.39 0.00	25.76 0.99 0.00
INDIAN POINT_GT_3 24019	30.33 1.38 0.00	31.65 1.32 0.00	31.20 1.22 0.00	28.03 1.06 0.00	33.37 1.12 0.00	48.65 1.64 0.00	40.22 1.66 0.00	54.07 2.23 0.00	50.54 2.39 0.00	40.03 1.71 0.00	41.45 1.92 0.00	67.14 1.54 -31.82	58.29 2.20 -7.65	40.32 1.86 0.00	38.87 1.77 0.00	39.23 1.94 0.00	67.89 3.70 0.00	59.40 3.19 0.00	69.53 3.86 0.00	51.98 2.67 0.00	45.72 1.95 0.00	36.39 1.56 0.00	33.53 1.39 0.00	25.76 0.99 0.00
INDIAN POINT___2 23530	30.26 1.31 0.00	31.57 1.25 0.00	31.13 1.14 0.00	27.97 1.00 0.00	33.30 1.04 0.00	48.56 1.55 0.00	40.14 1.59 0.00	53.96 2.12 0.00	50.41 2.26 0.00	39.88 1.56 0.00	41.30 1.76 0.00	25.29 1.41 9.90	48.07 2.00 2.38	40.20 1.73 0.00	38.74 1.64 0.00	39.11 1.82 0.00	67.70 3.51 0.00	59.21 3.01 0.00	69.30 3.63 0.00	51.80 2.50 0.00	45.58 1.81 0.00	36.27 1.44 0.00	33.43 1.29 0.00	25.70 0.93 0.00
INDIAN POINT___3 23531	30.41 1.46 0.00	31.73 1.40 0.00	31.29 1.31 0.00	28.11 1.14 0.00	33.46 1.21 0.00	48.76 1.74 0.00	40.29 1.74 0.00	54.21 2.37 0.00	50.68 2.53 0.00	40.19 1.87 0.00	41.64 2.11 0.00	40.03 1.72 -4.54	51.97 2.44 -1.09	40.48 2.01 0.00	39.03 1.93 0.00	39.39 2.09 0.00	68.11 3.92 0.00	59.61 3.40 0.00	69.77 4.11 0.00	52.15 2.84 0.00	45.89 2.11 0.00	36.52 1.69 0.00	33.64 1.50 0.00	25.84 1.07 0.00
INGHAM_C_115KV_TB7 356103	29.29 0.34 0.00	30.66 0.34 0.00	30.53 0.55 0.00	27.38 0.41 0.00	32.55 0.30 0.00	47.32 0.31 0.00	38.96 0.41 0.00	52.53 0.69 0.00	48.95 0.80 0.00	37.95 -0.37 0.00	38.90 -0.64 0.00	33.25 -0.53 0.00	48.07 -0.37 0.00	38.20 -0.26 0.00	37.26 0.16 0.00	37.65 0.36 0.00	64.96 0.76 0.00	57.23 1.03 0.00	67.65 1.99 0.00	50.74 1.44 0.00	44.68 0.91 0.00	35.37 0.54 0.00	32.47 0.33 0.00	24.84 0.07 0.00
IP CORINTH___1 23988	30.73 1.78 0.00	32.15 1.82 0.00	31.85 1.87 0.00	28.64 1.66 0.00	34.29 2.03 0.00	49.91 2.89 0.00	41.13 2.58 0.00	55.56 3.72 0.00	51.80 3.66 0.00	40.78 2.46 0.00	42.22 2.69 0.00	35.91 2.13 0.00	51.38 2.93 0.00	40.71 2.24 0.00	39.30 2.21 0.00	39.64 2.35 0.00	68.63 4.44 0.00	60.37 4.16 0.00	70.86 5.19 0.00	53.30 3.99 0.00	47.07 3.30 0.00	37.26 2.43 0.00	34.26 2.12 0.00	26.20 1.44 0.00

IP__TICONDEROGA 23804	31.83 2.88 0.00	33.20 2.88 0.00	33.00 3.02 0.00	29.76 2.79 0.00	35.89 3.64 0.00	52.27 5.26 0.00	42.99 4.44 0.00	58.25 6.40 0.00	54.72 6.57 0.00	42.76 4.45 0.00	44.38 4.84 0.00	37.61 3.83 0.00	53.69 5.25 0.00	42.07 3.60 0.00	40.58 3.48 0.00	40.78 3.48 0.00	70.72 6.53 0.00	62.64 6.44 0.00	73.80 8.14 0.00	56.05 6.75 0.00	49.61 5.84 0.00	39.01 4.18 0.00	35.81 3.67 0.00	27.19 2.42 0.00
ISLIP_RES_REC 323679	31.12 2.17 0.00	32.55 2.23 0.00	32.06 2.07 0.00	28.74 1.77 0.00	34.24 1.99 0.00	49.70 2.68 0.00	41.00 2.44 0.00	54.59 2.76 0.00	50.39 2.85 0.61	41.02 2.70 0.00	42.71 3.18 0.00	40.11 2.61 -3.73	52.62 3.28 -0.90	40.51 2.56 0.51	39.44 2.34 0.00	39.95 2.66 0.00	69.56 5.36 0.00	61.10 4.89 0.00	71.51 5.84 0.00	53.46 4.16 0.00	46.90 3.12 0.00	37.32 2.49 0.00	34.23 2.09 0.00	26.15 1.39 0.00
JAMAICA__27_KV_LOAD 355505	30.70 1.75 0.00	32.02 1.70 0.00	31.56 1.57 0.00	28.37 1.40 0.00	33.71 1.46 0.00	49.19 2.17 0.00	40.67 2.12 0.00	54.69 2.85 0.00	51.13 2.98 0.00	40.53 2.21 0.00	41.92 2.39 0.00	39.48 2.01 -3.69	52.29 2.95 -0.89	40.99 2.52 0.00	39.44 2.34 0.00	39.78 2.49 0.00	68.89 4.69 0.00	60.34 4.14 0.00	70.69 5.02 0.00	52.80 3.50 0.00	46.42 2.65 0.00	36.98 2.15 0.00	34.02 1.88 0.00	26.13 1.37 0.00
JANIS__SOLAR 323808	29.60 0.65 0.00	30.85 0.53 0.00	30.72 0.74 0.00	27.65 0.67 0.00	33.12 0.87 0.00	48.48 1.46 0.00	39.89 1.33 0.00	53.65 1.81 0.00	49.57 1.42 0.00	38.92 0.60 0.00	40.81 0.73 -0.54	35.10 0.76 -0.55	53.62 1.43 -3.75	41.61 0.97 -2.16	38.18 1.08 0.00	38.40 0.88 -0.23	74.62 1.67 -8.75	76.96 1.92 -18.83	68.81 3.15 0.00	51.59 2.29 0.00	45.41 1.64 -0.01	35.96 1.14 0.00	33.18 1.04 0.00	25.58 0.81 0.00
JARVIS____ 23743	29.01 0.06 0.00	30.38 0.06 0.00	30.05 0.06 0.00	27.03 0.06 0.00	32.31 0.06 0.00	47.06 0.05 0.00	38.63 0.08 0.00	51.95 0.11 0.00	48.32 0.17 0.00	38.36 0.04 0.00	39.59 0.06 0.00	33.83 0.05 0.00	48.54 0.10 0.00	38.52 0.06 0.00	37.17 0.07 0.00	37.37 0.07 0.00	64.33 0.13 0.00	56.38 0.17 0.00	65.97 0.31 0.00	49.51 0.20 0.00	43.87 0.10 0.00	34.90 0.07 0.00	32.21 0.07 0.00	24.79 0.02 0.00
JENNISON__1 23625	29.54 0.59 0.00	30.45 0.13 0.00	30.74 0.76 0.00	27.60 0.63 0.00	33.13 0.88 0.00	48.56 1.55 0.00	39.63 1.08 0.00	53.15 1.31 0.00	49.31 1.17 0.00	39.12 0.80 0.00	41.00 1.05 -0.42	35.18 0.98 -0.42	53.06 1.75 -2.87	41.28 1.16 -1.65	38.27 1.17 0.00	38.32 0.95 -0.08	69.44 2.03 -3.22	65.57 2.46 -6.90	68.83 3.17 0.00	51.41 2.11 0.00	45.15 1.37 0.00	35.84 1.02 0.00	33.21 1.07 0.00	25.62 0.85 0.00
JENNISON__2 23626	29.54 0.59 0.00	30.45 0.13 0.00	30.74 0.76 0.00	27.60 0.63 0.00	33.13 0.88 0.00	48.56 1.55 0.00	39.63 1.08 0.00	53.15 1.31 0.00	49.31 1.17 0.00	39.12 0.80 0.00	41.00 1.05 -0.42	35.18 0.98 -0.42	53.06 1.75 -2.87	41.28 1.16 -1.65	38.27 1.17 0.00	38.32 0.95 -0.08	69.44 2.03 -3.22	65.57 2.46 -6.90	68.83 3.17 0.00	51.41 2.11 0.00	45.15 1.37 0.00	35.84 1.02 0.00	33.21 1.07 0.00	25.62 0.85 0.00
JERICO_RISE_WT_PWR 323719	27.76 -1.19 0.00	29.16 -1.16 0.00	28.86 -1.12 0.00	25.98 -0.99 0.00	31.96 -0.29 0.00	47.16 0.14 0.00	39.10 0.55 0.00	52.26 0.42 0.00	48.20 0.05 0.00	38.33 0.01 0.00	39.29 -0.25 0.00	33.56 -0.22 0.00	47.41 -1.04 0.00	37.93 -0.54 0.00	36.79 -0.31 0.00	37.19 -0.10 0.00	64.34 0.14 0.00	56.48 0.27 0.00	66.11 0.45 0.00	49.19 -0.12 0.00	43.71 -0.07 0.00	35.27 0.45 0.00	32.44 0.30 0.00	25.05 0.29 0.00
KATONAH__115KV_46KV_TB4 355592	30.55 1.60 0.00	31.88 1.55 0.00	31.45 1.47 0.00	28.25 1.28 0.00	33.64 1.39 0.00	49.04 2.03 0.00	40.55 2.00 0.00	54.61 2.77 0.00	51.05 2.91 0.00	40.50 2.18 0.00	41.94 2.41 0.00	38.16 1.96 -2.42	51.83 2.80 -0.58	40.77 2.30 0.00	39.31 2.22 0.00	39.67 2.37 0.00	68.57 4.37 0.00	60.03 3.82 0.00	70.29 4.63 0.00	52.58 3.28 0.00	46.25 2.47 0.00	36.78 1.96 0.00	33.86 1.72 0.00	25.98 1.22 0.00
KCE_NY_1 323755	30.52 1.57 0.00	31.98 1.65 0.00	31.62 1.63 0.00	28.40 1.43 0.00	34.03 1.78 0.00	49.48 2.47 0.00	40.73 2.18 0.00	55.03 3.19 0.00	51.20 3.05 0.00	40.32 2.00 0.00	41.59 2.05 0.00	35.44 1.66 0.00	50.82 2.38 0.00	40.33 1.86 0.00	38.96 1.86 0.00	39.28 1.98 0.00	68.02 3.83 0.00	59.76 3.55 0.00	70.09 4.43 0.00	52.59 3.29 0.00	46.46 2.69 0.00	36.87 2.04 0.00	33.89 1.75 0.00	25.97 1.20 0.00
KCE_NY_6_ESR 323823	28.00 -0.95 0.00	29.43 -0.89 0.00	29.03 -0.95 0.00	26.19 -0.78 0.00	31.35 -0.91 0.00	46.76 -0.25 0.00	37.77 -0.78 0.00	50.48 -1.36 0.00	46.55 -1.59 0.00	37.25 -1.07 0.00	44.46 -1.12 -6.05	38.92 -1.06 -6.20	89.00 -1.23 -41.79	61.74 -0.84 -24.10	35.95 -1.15 0.00	35.35 -1.87 0.06	57.55 -4.09 2.56	47.46 -3.38 5.37	63.08 -2.58 0.00	47.22 -2.09 0.00	41.59 -2.19 0.00	32.94 -1.88 0.00	30.86 -1.28 0.00	24.25 -0.52 0.00
KEDC_PORT_JEFF_GT2 24210	30.98 2.03 0.00	32.41 2.09 0.00	31.92 1.94 0.00	28.62 1.65 0.00	34.09 1.83 0.00	49.46 2.45 0.00	40.78 2.22 0.00	54.23 2.39 0.00	49.82 2.28 0.61	40.72 2.40 0.00	42.40 2.87 0.00	39.87 2.36 -3.73	52.30 2.96 -0.90	40.28 2.33 0.52	39.21 2.11 0.00	39.68 2.39 0.00	69.09 4.90 0.00	60.46 4.25 0.00	70.67 5.01 0.00	52.82 3.52 0.00	46.46 2.68 0.00	37.10 2.27 0.00	34.05 1.91 0.00	26.03 1.26 0.00
KEDC_PORT_JEFF_GT3 24211	30.98 2.03 0.00	32.41 2.09 0.00	31.92 1.94 0.00	28.62 1.65 0.00	34.09 1.83 0.00	49.46 2.45 0.00	40.78 2.22 0.00	54.23 2.39 0.00	49.82 2.28 0.61	40.72 2.40 0.00	42.40 2.87 0.00	39.87 2.36 -3.73	52.30 2.96 -0.90	40.28 2.33 0.52	39.21 2.11 0.00	39.68 2.39 0.00	69.09 4.90 0.00	60.46 4.25 0.00	70.67 5.01 0.00	52.82 3.52 0.00	46.46 2.68 0.00	37.10 2.27 0.00	34.05 1.91 0.00	26.03 1.26 0.00
KEDC_GLWD_GT4 24219	30.84 1.88 0.00	32.21 1.88 0.00	31.73 1.75 0.00	28.47 1.50 0.00	33.92 1.67 0.00	49.34 2.33 0.00	40.71 2.15 0.00	54.06 2.22 0.00	50.42 2.51 0.24	40.45 2.13 0.00	42.21 2.68 0.00	39.74 2.24 -3.73	51.96 2.62 -0.90	40.45 2.17 0.19	39.21 2.11 0.00	39.60 2.31 0.00	68.64 4.44 0.00	60.11 3.90 0.00	70.81 5.15 0.00	52.61 3.30 0.00	46.30 2.52 0.00	37.01 2.18 0.00	34.01 1.87 0.00	26.05 1.28 0.00
KEDC_GLWD_GT5 24220	30.84 1.88 0.00	32.21 1.88 0.00	31.73 1.75 0.00	28.47 1.50 0.00	33.92 1.67 0.00	49.34 2.33 0.00	40.71 2.15 0.00	54.06 2.22 0.00	50.42 2.51 0.24	40.45 2.13 0.00	42.21 2.68 0.00	39.74 2.24 -3.73	51.96 2.62 -0.90	40.45 2.17 0.19	39.21 2.11 0.00	39.60 2.31 0.00	68.64 4.44 0.00	60.11 3.90 0.00	70.81 5.15 0.00	52.61 3.30 0.00	46.30 2.52 0.00	37.01 2.18 0.00	34.01 1.87 0.00	26.05 1.28 0.00

KENSICO____ 23655	30.47 1.51 0.00	31.78 1.46 0.00	31.34 1.36 0.00	28.14 1.17 0.00	33.49 1.24 0.00	48.81 1.80 0.00	40.34 1.79 0.00	54.27 2.43 0.00	50.76 2.61 0.00	40.25 1.93 0.00	41.70 2.17 0.00	39.60 1.76 -4.06	51.94 2.52 -0.98	40.55 2.08 0.00	39.09 1.99 0.00	39.45 2.15 0.00	68.24 4.04 0.00	59.70 3.50 0.00	69.87 4.21 0.00	52.22 2.92 0.00	45.94 2.17 0.00	36.56 1.74 0.00	33.69 1.55 0.00	25.88 1.11 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.43 1.48 0.00	31.74 1.42 0.00	31.30 1.31 0.00	28.12 1.15 0.00	33.49 1.23 0.00	48.87 1.86 0.00	40.42 1.87 0.00	54.42 2.58 0.00	50.77 2.62 0.00	40.11 1.79 0.00	41.44 1.91 0.00	34.66 1.61 0.73	50.49 2.24 0.19	40.30 1.83 0.00	38.96 1.86 0.00	39.35 2.05 0.00	68.00 3.81 0.00	59.70 3.49 0.00	69.94 4.28 0.00	52.34 3.04 0.00	46.06 2.29 0.00	36.61 1.78 0.00	33.73 1.59 0.00	25.91 1.15 0.00
KIAC_JFK_GT1 23816	30.53 1.58 0.00	31.85 1.52 0.00	31.39 1.41 0.00	28.22 1.25 0.00	33.54 1.28 0.00	48.86 1.85 0.00	40.27 1.71 0.00	54.15 2.31 0.00	50.64 2.48 0.00	40.13 1.81 0.00	41.53 1.99 0.00	39.15 1.67 -3.69	51.80 2.47 -0.89	40.59 2.12 0.00	39.08 1.98 0.00	39.42 2.13 0.00	68.24 4.04 0.00	59.78 3.57 0.00	70.01 4.35 0.00	52.29 2.99 0.00	45.96 2.19 0.00	36.63 1.81 0.00	33.70 1.56 0.00	25.97 1.21 0.00
KIAC_JFK_GT2 23817	30.53 1.58 0.00	31.85 1.52 0.00	31.39 1.41 0.00	28.22 1.25 0.00	33.54 1.28 0.00	48.86 1.85 0.00	40.27 1.71 0.00	54.15 2.31 0.00	50.64 2.48 0.00	40.13 1.81 0.00	41.53 1.99 0.00	39.15 1.67 -3.69	51.80 2.47 -0.89	40.59 2.12 0.00	39.08 1.98 0.00	39.42 2.13 0.00	68.24 4.04 0.00	59.78 3.57 0.00	70.01 4.35 0.00	52.29 2.99 0.00	45.96 2.19 0.00	36.63 1.81 0.00	33.70 1.56 0.00	25.97 1.21 0.00
KIAC_JFK____ 323774	30.53 1.58 0.00	31.85 1.52 0.00	31.39 1.41 0.00	28.22 1.25 0.00	33.54 1.28 0.00	48.86 1.85 0.00	40.27 1.71 0.00	54.15 2.31 0.00	50.63 2.48 0.00	40.13 1.81 0.00	41.53 1.99 0.00	39.14 1.67 -3.69	51.80 2.46 -0.89	40.59 2.12 0.00	39.08 1.98 0.00	39.42 2.13 0.00	68.24 4.04 0.00	59.78 3.57 0.00	70.00 4.34 0.00	52.29 2.99 0.00	45.96 2.19 0.00	36.63 1.81 0.00	33.70 1.56 0.00	25.97 1.21 0.00
KINTIGH____ 23543	27.82 -1.12 0.00	29.24 -1.08 0.00	28.86 -1.13 0.00	26.01 -0.96 0.00	31.16 -1.09 0.00	46.34 -0.67 0.00	37.45 -1.10 0.00	50.14 -1.70 0.00	46.32 -1.83 0.00	37.04 -1.28 0.00	36.98 -1.29 1.26	31.40 -1.09 1.29	38.43 -1.33 8.69	32.41 -1.05 5.01	35.83 -1.27 0.00	35.37 -1.87 0.05	58.23 -4.11 1.86	48.83 -3.34 4.03	62.88 -2.78 0.00	47.14 -2.16 0.00	41.60 -2.18 0.00	32.98 -1.84 0.00	30.85 -1.29 0.00	24.18 -0.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.84 -1.11 0.00	29.23 -1.10 0.00	28.98 -1.01 0.00	26.06 -0.91 0.00	32.38 0.12 0.00	48.07 1.06 0.00	40.03 1.47 0.00	53.45 1.61 0.00	49.39 1.24 0.00	39.17 0.85 0.00	40.13 0.60 0.00	34.28 0.51 0.00	48.10 -0.35 0.00	38.43 -0.04 0.00	37.40 0.30 0.00	37.98 0.69 0.00	65.96 1.76 0.00	57.96 1.75 0.00	68.14 2.48 0.00	50.53 1.22 0.00	44.64 0.86 0.00	36.14 1.31 0.00	33.12 0.98 0.00	25.52 0.76 0.00
LACHUTE____HYDRO 323717	31.83 2.88 0.00	33.20 2.88 0.00	33.01 3.02 0.00	29.77 2.79 0.00	35.89 3.64 0.00	52.27 5.26 0.00	42.99 4.43 0.00	58.24 6.40 0.00	54.72 6.57 0.00	42.76 4.44 0.00	44.37 4.84 0.00	37.60 3.83 0.00	53.69 5.24 0.00	42.07 3.60 0.00	40.58 3.48 0.00	40.78 3.48 0.00	70.72 6.53 0.00	62.64 6.43 0.00	73.80 8.14 0.00	56.05 6.74 0.00	49.61 5.84 0.00	39.00 4.18 0.00	35.80 3.66 0.00	27.19 2.42 0.00
LAWRNCV_115KV_TB1 80681	28.74 -0.21 0.00	30.14 -0.18 0.00	29.81 -0.17 0.00	26.87 -0.10 0.00	32.45 0.19 0.00	47.38 0.37 0.00	38.76 0.21 0.00	51.74 -0.10 0.00	47.74 -0.41 0.00	38.04 -0.28 0.00	38.83 -0.70 0.00	33.34 -0.44 0.00	47.65 -0.80 0.00	37.81 -0.66 0.00	36.29 -0.81 0.00	36.41 -0.88 0.00	62.84 -1.35 0.00	55.20 -1.01 0.00	64.45 -1.21 0.00	48.44 -0.87 0.00	43.26 -0.52 0.00	34.71 -0.11 0.00	32.11 -0.03 0.00	24.91 0.14 0.00
LEDERLE____ 23769	30.31 1.36 0.00	31.61 1.29 0.00	31.16 1.17 0.00	27.99 1.02 0.00	33.33 1.08 0.00	48.64 1.63 0.00	40.25 1.69 0.00	54.10 2.25 0.00	50.51 2.36 0.00	39.88 1.56 0.00	41.27 1.74 0.00	29.09 1.38 6.07	48.97 1.99 1.46	40.24 1.77 0.00	38.75 1.65 0.00	39.15 1.85 0.00	67.82 3.63 0.00	59.28 3.08 0.00	69.40 3.74 0.00	51.89 2.59 0.00	45.63 1.86 0.00	36.28 1.46 0.00	33.45 1.31 0.00	25.72 0.96 0.00
LIGHTHSE_115KV_TB6 355974	28.32 -0.63 0.00	29.68 -0.64 0.00	29.36 -0.62 0.00	26.52 -0.45 0.00	31.97 -0.28 0.00	46.69 -0.33 0.00	38.30 -0.25 0.00	51.49 -0.35 0.00	47.70 -0.44 0.00	37.66 -0.66 0.00	38.81 -0.72 0.00	33.21 -0.56 0.00	47.68 -0.77 0.00	37.76 -0.71 0.00	36.29 -0.81 0.00	36.23 -1.06 0.00	62.47 -1.73 0.00	55.23 -0.97 0.00	65.22 -0.44 0.00	49.06 -0.25 0.00	43.40 -0.37 0.00	34.49 -0.34 0.00	31.81 -0.33 0.00	24.48 -0.28 0.00
LINDEN COGEN____ 23786	30.51 1.56 0.00	31.81 1.49 0.00	31.37 1.39 0.00	28.18 1.21 0.00	33.50 1.25 0.00	48.81 1.80 0.00	40.37 1.82 0.00	54.22 2.38 0.00	49.33 2.56 1.38	35.83 1.90 4.39	41.40 2.21 0.34	38.95 1.80 -3.37	51.94 2.61 -0.89	40.66 2.20 0.00	39.19 2.09 0.00	39.58 2.28 0.00	68.42 4.23 0.00	59.84 3.63 0.00	69.99 4.33 0.00	52.28 2.97 0.00	45.96 2.19 0.00	36.64 1.81 0.00	33.77 1.63 0.00	25.99 1.23 0.00
LINDHRST_69_KV_BK1 356055	31.07 2.12 0.00	32.48 2.15 0.00	31.97 1.99 0.00	28.66 1.69 0.00	34.14 1.89 0.00	49.59 2.58 0.00	40.89 2.33 0.00	54.54 2.70 0.00	50.52 2.90 0.53	40.94 2.62 0.00	42.57 3.04 0.00	39.96 2.46 -3.73	52.41 3.07 -0.90	40.54 2.52 0.44	39.52 2.42 0.00	39.97 2.68 0.00	69.34 5.14 0.00	60.71 4.50 0.00	71.12 5.46 0.00	53.20 3.89 0.00	46.74 2.97 0.00	37.20 2.38 0.00	34.20 2.06 0.00	26.17 1.41 0.00
LIPA_MISC_IPP 23656	31.01 2.06 0.00	32.45 2.12 0.00	31.96 1.97 0.00	28.65 1.68 0.00	34.13 1.88 0.00	49.51 2.49 0.00	40.80 2.25 0.00	54.20 2.36 0.00	50.05 2.52 0.61	40.66 2.34 0.00	42.35 2.81 0.00	39.87 2.36 -3.73	52.37 3.03 -0.90	40.08 2.13 0.52	38.94 1.84 0.00	39.45 2.16 0.00	69.10 4.90 0.00	60.89 4.68 0.00	71.37 5.71 0.00	53.32 4.02 0.00	46.75 2.98 0.00	37.14 2.31 0.00	34.06 1.92 0.00	26.07 1.31 0.00
LISF__SOLAR 323691	31.07 2.11 0.00	32.50 2.17 0.00	32.01 2.03 0.00	28.70 1.73 0.00	34.18 1.93 0.00	49.58 2.57 0.00	40.87 2.32 0.00	54.29 2.45 0.00	50.15 2.62 0.61	40.74 2.42 0.00	42.44 2.91 0.00	39.94 2.43 -3.73	52.44 3.10 -0.90	40.12 2.17 0.52	38.98 1.88 0.00	39.49 2.20 0.00	69.19 4.99 0.00	61.00 4.80 0.00	71.52 5.85 0.00	53.44 4.14 0.00	46.85 3.08 0.00	37.21 2.38 0.00	34.12 1.98 0.00	26.11 1.35 0.00

LITTLE FALLS___HYD 24013	29.29 0.34 0.00	30.66 0.34 0.00	30.53 0.55 0.00	27.38 0.41 0.00	32.55 0.30 0.00	47.32 0.31 0.00	38.96 0.41 0.00	52.53 0.69 0.00	48.95 0.80 0.00	37.95 -0.37 0.00	38.90 -0.64 0.00	33.25 -0.53 0.00	48.07 -0.37 0.00	38.20 -0.26 0.00	37.26 0.16 0.00	37.65 0.36 0.00	64.96 0.76 0.00	57.23 1.03 0.00	67.65 1.99 0.00	50.74 1.44 0.00	44.68 0.91 0.00	35.37 0.54 0.00	32.47 0.33 0.00	24.84 0.07 0.00
LITTLRIV_115KV_TB1 356100	29.12 0.16 0.00	30.51 0.19 0.00	30.18 0.20 0.00	27.22 0.25 0.00	32.87 0.62 0.00	48.05 1.04 0.00	39.37 0.81 0.00	52.55 0.71 0.00	48.37 0.22 0.00	38.38 0.06 0.00	39.02 -0.51 0.00	33.64 -0.14 0.00	48.08 -0.37 0.00	38.30 -0.17 0.00	36.70 -0.40 0.00	36.78 -0.51 0.00	63.67 -0.53 0.00	55.87 -0.34 0.00	65.42 -0.25 0.00	49.20 -0.11 0.00	43.94 0.17 0.00	35.22 0.39 0.00	32.55 0.42 0.00	25.23 0.46 0.00
LI_NEWBRDGE___DRP 323616	30.64 1.69 0.00	32.03 1.71 0.00	31.55 1.57 0.00	28.31 1.34 0.00	33.72 1.47 0.00	49.01 2.00 0.00	40.42 1.87 0.00	54.03 2.19 0.00	49.91 2.42 0.66	40.39 2.07 0.00	41.97 2.43 0.00	39.48 1.98 -3.73	51.90 2.56 -0.90	40.02 2.11 0.56	39.10 2.00 0.00	39.50 2.21 0.00	68.45 4.26 0.00	59.93 3.72 0.00	70.16 4.50 0.00	52.45 3.15 0.00	46.11 2.33 0.00	36.70 1.88 0.00	33.75 1.61 0.00	25.86 1.09 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.56 -1.39 0.00	29.00 -1.33 0.00	28.60 -1.38 0.00	25.83 -1.14 0.00	30.92 -1.34 0.00	46.19 -0.82 0.00	37.17 -1.38 0.00	49.72 -2.12 0.00	45.86 -2.29 0.00	36.79 -1.53 0.00	38.65 -1.67 -0.79	33.13 -1.45 -0.81	52.09 -1.80 -5.45	40.23 -1.38 -3.14	35.44 -1.66 0.00	34.84 -2.39 0.06	56.87 -5.10 2.22	47.42 -4.11 4.68	62.12 -3.54 0.00	46.56 -2.74 0.00	41.06 -2.71 0.00	32.59 -2.23 0.00	30.58 -1.56 0.00	24.06 -0.71 0.00
LOCKPORT___CC1 323769	27.55 -1.40 0.00	28.99 -1.34 0.00	28.59 -1.39 0.00	25.82 -1.15 0.00	30.91 -1.35 0.00	46.17 -0.84 0.00	37.17 -1.39 0.00	49.70 -2.15 0.00	45.82 -2.33 0.00	36.76 -1.56 0.00	38.63 -1.68 -0.78	33.13 -1.45 -0.80	52.05 -1.81 -5.41	40.20 -1.39 -3.12	35.43 -1.67 0.00	34.83 -2.41 0.06	56.82 -5.12 2.26	47.33 -4.13 4.75	62.07 -3.59 0.00	46.52 -2.78 0.00	41.02 -2.75 0.00	32.56 -2.27 0.00	30.55 -1.59 0.00	24.03 -0.73 0.00
LOCKPORT___CC2 323770	27.55 -1.40 0.00	28.99 -1.34 0.00	28.59 -1.39 0.00	25.82 -1.15 0.00	30.91 -1.35 0.00	46.17 -0.84 0.00	37.17 -1.39 0.00	49.70 -2.15 0.00	45.82 -2.33 0.00	36.76 -1.56 0.00	38.63 -1.68 -0.78	33.13 -1.45 -0.80	52.05 -1.81 -5.41	40.20 -1.39 -3.12	35.43 -1.67 0.00	34.83 -2.41 0.06	56.82 -5.12 2.26	47.33 -4.13 4.75	62.07 -3.59 0.00	46.52 -2.78 0.00	41.02 -2.75 0.00	32.56 -2.27 0.00	30.55 -1.59 0.00	24.03 -0.73 0.00
LOCKPORT___CC3 323771	27.55 -1.40 0.00	28.99 -1.34 0.00	28.59 -1.39 0.00	25.82 -1.15 0.00	30.91 -1.35 0.00	46.17 -0.84 0.00	37.17 -1.39 0.00	49.70 -2.15 0.00	45.82 -2.33 0.00	36.76 -1.56 0.00	38.63 -1.68 -0.78	33.13 -1.45 -0.80	52.05 -1.81 -5.41	40.20 -1.39 -3.12	35.43 -1.67 0.00	34.83 -2.41 0.06	56.82 -5.12 2.26	47.33 -4.13 4.75	62.07 -3.59 0.00	46.52 -2.78 0.00	41.02 -2.75 0.00	32.56 -2.27 0.00	30.55 -1.59 0.00	24.03 -0.73 0.00
LONG_LAKE_PHOENIX 24014	28.38 -0.57 0.00	29.71 -0.61 0.00	29.36 -0.62 0.00	26.43 -0.55 0.00	31.60 -0.65 0.00	46.16 -0.86 0.00	37.77 -0.78 0.00	50.80 -1.04 0.00	47.18 -0.97 0.00	37.45 -0.87 0.00	38.67 -0.86 0.00	33.08 -0.70 0.00	47.49 -0.95 0.00	37.67 -0.80 0.00	36.25 -0.85 0.00	36.42 -0.87 0.00	62.63 -1.57 0.00	55.02 -1.19 0.00	64.62 -1.05 0.00	48.50 -0.80 0.00	42.93 -0.85 0.00	34.06 -0.77 0.00	31.42 -0.72 0.00	24.24 -0.52 0.00
LOVETT___3 23632	30.17 1.22 0.00	31.46 1.14 0.00	31.02 1.03 0.00	27.87 0.89 0.00	33.18 0.92 0.00	48.40 1.39 0.00	40.03 1.47 0.00	53.78 1.94 0.00	50.22 2.07 0.00	39.65 1.33 0.00	41.03 1.50 0.00	28.79 1.18 6.17	48.65 1.69 1.48	39.99 1.52 0.00	38.53 1.43 0.00	38.90 1.61 0.00	67.39 3.19 0.00	58.90 2.69 0.00	68.94 3.28 0.00	51.55 2.25 0.00	45.36 1.58 0.00	36.07 1.25 0.00	33.26 1.12 0.00	25.59 0.82 0.00
LOVETT___4 23642	30.17 1.22 0.00	31.46 1.14 0.00	31.02 1.03 0.00	27.87 0.89 0.00	33.18 0.92 0.00	48.40 1.39 0.00	40.03 1.47 0.00	53.78 1.94 0.00	50.22 2.07 0.00	39.65 1.33 0.00	41.03 1.50 0.00	28.79 1.18 6.17	48.65 1.69 1.48	39.99 1.52 0.00	38.53 1.43 0.00	38.90 1.61 0.00	67.39 3.19 0.00	58.90 2.69 0.00	68.94 3.28 0.00	51.55 2.25 0.00	45.36 1.58 0.00	36.07 1.25 0.00	33.26 1.12 0.00	25.59 0.82 0.00
LOVETT___5 23593	30.17 1.22 0.00	31.46 1.14 0.00	31.02 1.03 0.00	27.87 0.89 0.00	33.18 0.92 0.00	48.40 1.39 0.00	40.03 1.47 0.00	53.78 1.94 0.00	50.22 2.07 0.00	39.65 1.33 0.00	41.03 1.50 0.00	28.79 1.18 6.17	48.65 1.69 1.48	39.99 1.52 0.00	38.53 1.43 0.00	38.90 1.61 0.00	67.39 3.19 0.00	58.90 2.69 0.00	68.94 3.28 0.00	51.55 2.25 0.00	45.36 1.58 0.00	36.07 1.25 0.00	33.26 1.12 0.00	25.59 0.82 0.00
LOWER RAQUET___HYD 24057	28.70 -0.25 0.00	30.11 -0.22 0.00	29.77 -0.22 0.00	26.85 -0.12 0.00	32.45 0.20 0.00	47.40 0.38 0.00	38.77 0.22 0.00	51.67 -0.16 0.00	47.68 -0.47 0.00	37.96 -0.36 0.00	38.71 -0.82 0.00	33.24 -0.53 0.00	47.49 -0.95 0.00	37.68 -0.79 0.00	36.14 -0.96 0.00	36.25 -1.05 0.00	62.61 -1.59 0.00	55.02 -1.19 0.00	64.30 -1.36 0.00	48.33 -0.98 0.00	43.15 -0.63 0.00	34.65 -0.17 0.00	32.07 -0.07 0.00	24.89 0.12 0.00
LOWER___HUDSON 24059	30.14 1.19 0.00	31.56 1.24 0.00	31.24 1.26 0.00	28.06 1.09 0.00	33.51 1.26 0.00	48.69 1.68 0.00	40.00 1.45 0.00	53.97 2.13 0.00	50.25 2.11 0.00	39.81 1.49 0.00	41.08 1.54 0.00	35.03 1.26 0.00	50.26 1.82 0.00	39.84 1.37 0.00	38.48 1.38 0.00	38.78 1.49 0.00	66.97 2.77 0.00	58.84 2.63 0.00	68.90 3.24 0.00	51.70 2.40 0.00	45.71 1.94 0.00	36.29 1.46 0.00	33.41 1.27 0.00	25.60 0.84 0.00
LOWVILLE_115KV_TB2 356335	28.24 -0.71 0.00	29.66 -0.66 0.00	29.43 -0.55 0.00	26.76 -0.21 0.00	32.83 0.58 0.00	47.80 0.78 0.00	39.43 0.88 0.00	52.96 1.12 0.00	49.17 1.03 0.00	38.52 0.20 0.00	39.58 0.05 0.00	33.99 0.21 0.00	48.50 0.06 0.00	38.28 -0.19 0.00	36.78 -0.32 0.00	36.49 -0.80 0.00	63.39 -0.81 0.00	56.56 0.35 0.00	66.80 1.14 0.00	50.37 1.07 0.00	44.57 0.80 0.00	35.61 0.79 0.00	32.79 0.65 0.00	25.06 0.29 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.52 1.57 0.00	31.95 1.63 0.00	31.62 1.64 0.00	28.41 1.44 0.00	33.99 1.74 0.00	49.45 2.44 0.00	40.71 2.15 0.00	54.96 3.12 0.00	51.15 3.00 0.00	40.33 2.01 0.00	41.58 2.05 0.00	35.44 1.66 0.00	50.82 2.38 0.00	40.34 1.87 0.00	38.97 1.87 0.00	39.29 2.00 0.00	67.98 3.78 0.00	59.74 3.53 0.00	70.06 4.40 0.00	52.59 3.29 0.00	46.45 2.68 0.00	36.85 2.03 0.00	33.90 1.76 0.00	25.97 1.21 0.00

LUTHERNY_35_KV_BK2 355980	30.52 1.57 0.00	31.98 1.65 0.00	31.62 1.63 0.00	28.40 1.43 0.00	34.03 1.78 0.00	49.48 2.47 0.00	40.73 2.18 0.00	55.03 3.18 0.00	51.20 3.05 0.00	40.32 2.00 0.00	41.59 2.05 0.00	35.44 1.66 0.00	50.82 2.38 0.00	40.33 1.86 0.00	38.96 1.86 0.00	39.28 1.99 0.00	68.02 3.83 0.00	59.75 3.55 0.00	70.09 4.43 0.00	52.59 3.29 0.00	46.46 2.69 0.00	36.87 2.05 0.00	33.89 1.75 0.00	25.97 1.20 0.00
LWR___OSWEGATCHIE_HYD 23850	28.51 -0.45 0.00	29.90 -0.42 0.00	29.62 -0.36 0.00	26.82 -0.15 0.00	32.64 0.39 0.00	47.61 0.60 0.00	39.13 0.57 0.00	52.33 0.49 0.00	48.40 0.25 0.00	38.18 -0.14 0.00	39.05 -0.48 0.00	33.54 -0.23 0.00	47.94 -0.51 0.00	37.93 -0.55 0.00	36.39 -0.71 0.00	36.29 -1.00 0.00	62.92 -1.28 0.00	55.73 -0.48 0.00	65.57 -0.09 0.00	49.38 0.07 0.00	43.88 0.10 0.00	35.14 0.32 0.00	32.42 0.28 0.00	24.97 0.20 0.00
LYONS_FALL_HYD 23570	28.71 -0.24 0.00	30.13 -0.20 0.00	29.84 -0.14 0.00	27.02 0.05 0.00	32.84 0.58 0.00	47.87 0.85 0.00	39.46 0.90 0.00	53.04 1.19 0.00	49.26 1.11 0.00	38.73 0.42 0.00	39.87 0.34 0.00	34.22 0.45 0.00	48.90 0.45 0.00	38.69 0.22 0.00	37.23 0.13 0.00	37.11 -0.19 0.00	64.29 0.10 0.00	56.98 0.77 0.00	67.11 1.45 0.00	50.53 1.22 0.00	44.70 0.92 0.00	35.63 0.80 0.00	32.82 0.68 0.00	25.14 0.37 0.00
MADISON___COUNTY_LFGE 323628	29.39 0.44 0.00	30.77 0.44 0.00	30.42 0.43 0.00	27.39 0.42 0.00	32.85 0.59 0.00	48.02 1.00 0.00	39.57 1.02 0.00	53.25 1.41 0.00	49.46 1.31 0.00	38.99 0.67 0.00	40.24 0.70 0.00	34.58 0.81 0.00	49.50 1.06 0.00	39.34 0.87 0.00	37.88 0.77 0.00	37.89 0.59 0.00	65.46 1.27 0.00	57.63 1.38 -0.05	67.67 2.01 0.00	50.83 1.53 0.00	44.92 1.15 0.00	35.66 0.83 0.00	32.87 0.73 0.00	25.26 0.50 0.00
MALONE___115KV_TB1 356076	28.22 -0.73 0.00	29.61 -0.71 0.00	29.30 -0.68 0.00	26.39 -0.59 0.00	32.33 0.08 0.00	47.59 0.58 0.00	39.38 0.83 0.00	52.64 0.80 0.00	48.59 0.44 0.00	38.67 0.35 0.00	39.47 -0.06 0.00	33.76 -0.02 0.00	47.87 -0.58 0.00	38.24 -0.23 0.00	37.01 -0.09 0.00	37.32 0.03 0.00	64.58 0.39 0.00	56.75 0.54 0.00	66.47 0.81 0.00	49.60 0.29 0.00	44.09 0.31 0.00	35.51 0.68 0.00	32.68 0.54 0.00	25.26 0.49 0.00
MAPLEWOD_115KV_TB3 80458	29.89 0.94 0.00	31.30 0.98 0.00	30.98 0.99 0.00	27.83 0.86 0.00	33.21 0.96 0.00	48.30 1.29 0.00	39.75 1.20 0.00	53.71 1.87 0.00	50.06 1.91 0.00	39.60 1.28 0.00	40.85 1.32 0.00	34.84 1.06 0.00	49.94 1.49 0.00	39.61 1.14 0.00	38.28 1.18 0.00	38.61 1.32 0.00	66.74 2.55 0.00	58.64 2.43 0.00	68.62 2.96 0.00	51.49 2.19 0.00	45.47 1.69 0.00	36.08 1.26 0.00	33.19 1.06 0.00	25.44 0.68 0.00
MAPLE_RIDGE_WT_1 323574	28.06 -0.90 0.00	29.48 -0.84 0.00	29.23 -0.76 0.00	26.50 -0.47 0.00	32.07 -0.19 0.00	46.45 -0.56 0.00	38.17 -0.38 0.00	51.25 -0.59 0.00	47.65 -0.50 0.00	37.98 -0.34 0.00	39.12 -0.42 0.00	33.41 -0.37 0.00	47.60 -0.84 0.00	37.45 -1.03 0.00	36.23 -0.87 0.00	36.43 -0.86 0.00	62.70 -1.49 0.00	54.99 -1.22 0.00	64.44 -1.22 0.00	48.48 -0.83 0.00	43.05 -0.72 0.00	34.52 -0.31 0.00	31.91 -0.23 0.00	24.55 -0.21 0.00
MAPLE_RIDGE_WT_2 323611	28.06 -0.90 0.00	29.48 -0.84 0.00	29.23 -0.76 0.00	26.50 -0.47 0.00	32.07 -0.19 0.00	46.45 -0.56 0.00	38.17 -0.38 0.00	51.25 -0.59 0.00	47.65 -0.50 0.00	37.98 -0.34 0.00	39.12 -0.42 0.00	33.41 -0.37 0.00	47.60 -0.84 0.00	37.45 -1.03 0.00	36.23 -0.87 0.00	36.43 -0.86 0.00	62.70 -1.49 0.00	54.99 -1.22 0.00	64.44 -1.22 0.00	48.48 -0.83 0.00	43.05 -0.72 0.00	34.52 -0.31 0.00	31.91 -0.23 0.00	24.55 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	27.68 -1.27 0.00	29.07 -1.25 0.00	28.82 -1.17 0.00	25.94 -1.03 0.00	32.04 -0.22 0.00	47.36 0.34 0.00	39.31 0.76 0.00	52.51 0.68 0.00	48.43 0.28 0.00	38.48 0.16 0.00	39.43 -0.10 0.00	33.69 -0.09 0.00	47.47 -0.97 0.00	37.99 -0.47 0.00	36.90 -0.20 0.00	37.34 0.05 0.00	64.71 0.52 0.00	56.81 0.60 0.00	66.60 0.93 0.00	49.47 0.16 0.00	43.84 0.07 0.00	35.43 0.60 0.00	32.55 0.41 0.00	25.13 0.36 0.00
MARSHVLE_115KV_TB1 80742	30.18 1.23 0.00	31.68 1.36 0.00	31.31 1.32 0.00	28.23 1.26 0.00	33.86 1.61 0.00	49.58 2.57 0.00	40.84 2.29 0.00	54.83 3.00 0.00	50.52 2.37 0.00	39.57 1.25 0.00	40.54 1.01 0.00	34.68 0.90 0.00	50.08 1.63 0.00	40.05 1.58 0.00	38.76 1.66 0.00	38.76 1.46 -0.01	67.35 2.68 -0.47	59.54 2.36 -0.97	69.09 3.42 0.00	51.96 2.65 0.00	46.09 2.32 0.00	36.70 1.87 0.00	33.85 1.72 0.00	26.12 1.36 0.00
MARSH_HILL_WT_PWR 323713	27.81 -1.14 0.00	29.28 -1.04 0.00	28.72 -1.26 0.00	25.94 -1.04 0.00	31.69 -0.56 0.00	47.13 0.12 0.00	38.93 0.38 0.00	51.76 -0.08 0.00	47.68 -0.47 0.00	37.91 -0.41 0.00	42.08 -0.10 -2.64	35.91 -0.53 -2.67	64.81 -1.55 -17.91	47.42 -1.38 -10.33	35.21 -1.89 0.00	34.55 -2.58 0.16	53.78 -4.35 6.06	39.81 -3.48 12.92	63.61 -2.06 0.00	47.07 -2.24 0.00	40.94 -2.83 0.00	32.30 -2.52 0.00	30.22 -1.92 0.00	23.66 -1.11 0.00
MCINTYRE_115KV_TB2 80467	29.33 0.38 0.00	30.74 0.42 0.00	30.40 0.41 0.00	27.41 0.43 0.00	33.06 0.81 0.00	48.32 1.30 0.00	39.60 1.05 0.00	52.97 1.13 0.00	48.67 0.52 0.00	38.56 0.24 0.00	39.14 -0.39 0.00	33.82 0.05 0.00	48.40 -0.04 0.00	38.63 0.16 0.00	37.01 -0.08 0.00	37.09 -0.21 0.00	64.27 0.07 0.00	56.25 0.04 0.00	65.97 0.31 0.00	49.67 0.37 0.00	44.38 0.61 0.00	35.52 0.70 0.00	32.81 0.67 0.00	25.41 0.64 0.00
MECO_____69_KV_BK1 80468	30.55 1.61 0.00	32.01 1.69 0.00	31.65 1.66 0.00	28.49 1.52 0.00	34.12 1.87 0.00	49.90 2.89 0.00	41.25 2.70 0.00	55.57 3.73 0.00	51.19 3.05 0.00	39.70 1.38 0.00	40.34 0.80 0.00	34.49 0.71 0.00	49.70 1.26 0.00	39.90 1.43 0.00	38.93 1.83 0.00	38.88 1.58 0.00	67.73 3.54 0.00	59.49 3.28 0.00	70.37 4.71 0.00	52.91 3.61 0.00	46.81 3.03 0.00	37.17 2.34 0.00	34.21 2.07 0.00	26.31 1.54 0.00
MENANDS___115KV_TB5 355628	29.73 0.77 0.00	31.13 0.81 0.00	30.81 0.83 0.00	27.68 0.71 0.00	33.02 0.77 0.00	48.02 1.01 0.00	39.51 0.96 0.00	53.38 1.54 0.00	49.75 1.60 0.00	39.38 1.06 0.00	40.67 1.13 0.00	34.69 0.91 0.00	49.74 1.29 0.00	39.44 0.97 0.00	38.11 1.01 0.00	38.42 1.12 0.00	66.38 2.18 0.00	58.30 2.09 0.00	68.19 2.53 0.00	51.15 1.85 0.00	45.18 1.40 0.00	35.86 1.04 0.00	33.01 0.87 0.00	25.30 0.53 0.00
MG INDUSTRY___DRP 24185	29.72 0.76 0.00	31.15 0.82 0.00	30.85 0.87 0.00	27.70 0.73 0.00	33.06 0.80 0.00	48.09 1.07 0.00	39.52 0.97 0.00	53.32 1.48 0.00	49.53 1.38 0.00	39.13 0.80 0.00	40.34 0.81 0.00	34.39 0.61 0.00	49.28 0.83 0.00	39.10 0.63 0.00	37.84 0.74 0.00	38.19 0.90 0.00	66.06 1.86 0.00	58.05 1.84 0.00	68.01 2.35 0.00	51.01 1.71 0.00	45.09 1.31 0.00	35.81 0.99 0.00	32.97 0.83 0.00	25.30 0.54 0.00

MID___OSWEGATCHIE_HYD 23849	28.51 -0.45 0.00	29.90 -0.42 0.00	29.62 -0.36 0.00	26.82 -0.15 0.00	32.64 0.39 0.00	47.61 0.60 0.00	39.13 0.57 0.00	52.33 0.49 0.00	48.40 0.25 0.00	38.18 -0.14 0.00	39.05 -0.48 0.00	33.54 -0.23 0.00	47.94 -0.51 0.00	37.93 -0.55 0.00	36.39 -0.71 0.00	36.29 -1.00 0.00	62.92 -1.28 0.00	55.73 -0.48 0.00	65.57 -0.09 0.00	49.38 0.07 0.00	43.88 0.10 0.00	35.14 0.32 0.00	32.42 0.28 0.00	24.97 0.20 0.00
MID___RAQUETTE_HYD 23851	28.70 -0.25 0.00	30.11 -0.22 0.00	29.77 -0.21 0.00	26.85 -0.12 0.00	32.45 0.20 0.00	47.40 0.38 0.00	38.77 0.22 0.00	51.67 -0.16 0.00	47.68 -0.47 0.00	37.95 -0.36 0.00	38.72 -0.81 0.00	33.24 -0.54 0.00	47.50 -0.95 0.00	37.68 -0.79 0.00	36.14 -0.96 0.00	36.25 -1.05 0.00	62.62 -1.58 0.00	55.02 -1.19 0.00	64.30 -1.36 0.00	48.33 -0.98 0.00	43.14 -0.63 0.00	34.65 -0.17 0.00	32.07 -0.07 0.00	24.89 0.12 0.00
MILLIKEN___1 23584	29.29 0.34 0.00	30.61 0.29 0.00	30.28 0.30 0.00	27.25 0.28 0.00	32.58 0.32 0.00	47.69 0.67 0.00	39.19 0.63 0.00	52.77 0.92 0.00	48.97 0.82 0.00	38.64 0.32 0.00	40.59 0.43 -0.62	34.79 0.38 -0.63	53.48 0.74 -4.29	41.57 0.62 -2.47	37.65 0.55 0.00	38.02 0.41 -0.31	77.05 0.71 -12.15	83.11 0.76 -26.14	67.27 1.61 0.00	50.47 1.17 0.00	44.51 0.73 -0.01	35.29 0.46 0.00	32.56 0.43 0.00	25.08 0.31 0.00
MILLIKEN___2 23585	29.29 0.34 0.00	30.61 0.29 0.00	30.28 0.30 0.00	27.25 0.28 0.00	32.58 0.32 0.00	47.69 0.67 0.00	39.19 0.63 0.00	52.77 0.92 0.00	48.97 0.82 0.00	38.64 0.32 0.00	40.59 0.43 -0.62	34.79 0.38 -0.63	53.48 0.74 -4.29	41.57 0.62 -2.47	37.65 0.55 0.00	38.02 0.41 -0.31	77.05 0.71 -12.15	83.11 0.76 -26.14	67.27 1.61 0.00	50.47 1.17 0.00	44.51 0.73 -0.01	35.29 0.46 0.00	32.56 0.43 0.00	25.08 0.31 0.00
MILLIKEN___DIESEL 23629	29.29 0.34 0.00	30.61 0.29 0.00	30.28 0.30 0.00	27.25 0.28 0.00	32.58 0.32 0.00	47.69 0.67 0.00	39.19 0.63 0.00	52.77 0.92 0.00	48.97 0.82 0.00	38.64 0.32 0.00	40.59 0.43 -0.62	34.79 0.38 -0.63	53.48 0.74 -4.29	41.57 0.62 -2.47	37.65 0.55 0.00	38.02 0.41 -0.31	77.05 0.71 -12.15	83.11 0.76 -26.14	67.27 1.61 0.00	50.47 1.17 0.00	44.51 0.73 -0.01	35.29 0.46 0.00	32.56 0.43 0.00	25.08 0.31 0.00
MILLSEAT___LFGE 323607	28.16 -0.80 0.00	29.58 -0.75 0.00	29.16 -0.82 0.00	26.32 -0.65 0.00	31.51 -0.74 0.00	47.04 0.03 0.00	38.04 -0.52 0.00	50.99 -0.85 0.00	47.09 -1.06 0.00	37.70 -0.62 0.00	39.37 -0.74 -0.58	33.71 -0.66 -0.59	51.74 -0.69 -3.99	40.28 -0.82 -2.30	36.28 -0.82 0.00	35.57 -1.67 0.05	58.39 -3.69 2.12	48.98 -2.75 4.48	63.91 -1.75 0.00	47.98 -1.33 0.00	42.28 -1.49 0.00	33.50 -1.32 0.00	31.32 -0.82 0.00	24.56 -0.21 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.39 1.44 0.00	31.71 1.39 0.00	31.27 1.29 0.00	28.09 1.12 0.00	33.44 1.18 0.00	48.75 1.73 0.00	40.28 1.73 0.00	54.17 2.33 0.00	50.66 2.51 0.00	40.15 1.83 0.00	41.59 2.06 0.00	55.72 1.66 -20.28	55.70 2.38 -4.87	40.44 1.97 0.00	39.00 1.90 0.00	39.35 2.06 0.00	68.07 3.87 0.00	59.56 3.35 0.00	69.71 4.05 0.00	52.10 2.80 0.00	45.85 2.08 0.00	36.49 1.66 0.00	33.62 1.48 0.00	25.82 1.05 0.00
MILLWOOD_13_KV_LOAD 356217	30.46 1.50 0.00	31.77 1.45 0.00	31.34 1.36 0.00	28.15 1.18 0.00	33.52 1.27 0.00	48.85 1.83 0.00	40.38 1.82 0.00	54.31 2.47 0.00	50.79 2.64 0.00	40.26 1.94 0.00	41.70 2.17 0.00	55.81 1.76 -20.28	55.83 2.51 -4.87	40.54 2.07 0.00	39.09 1.99 0.00	39.44 2.15 0.00	68.24 4.04 0.00	59.72 3.51 0.00	69.90 4.24 0.00	52.25 2.95 0.00	45.98 2.20 0.00	36.57 1.75 0.00	33.70 1.56 0.00	25.88 1.11 0.00
MODEL_CITY_ENERGY 24167	27.26 -1.69 0.00	28.69 -1.64 0.00	28.30 -1.68 0.00	25.56 -1.41 0.00	30.59 -1.66 0.00	45.71 -1.30 0.00	36.75 -1.81 0.00	49.11 -2.73 0.00	45.27 -2.87 0.00	36.37 -1.95 0.00	38.15 -2.11 -0.73	32.71 -1.82 -0.75	51.16 -2.34 -5.05	39.57 -1.81 -2.91	35.03 -2.07 0.00	34.45 -2.78 0.06	56.14 -5.78 2.27	46.71 -4.72 4.78	61.30 -4.36 0.00	45.94 -3.37 0.00	40.53 -3.24 0.00	32.20 -2.62 0.00	30.24 -1.91 0.00	23.81 -0.96 0.00
MODERN_LFGE___ 323580	27.26 -1.69 0.00	28.69 -1.64 0.00	28.30 -1.68 0.00	25.56 -1.41 0.00	30.59 -1.66 0.00	45.71 -1.30 0.00	36.75 -1.81 0.00	49.11 -2.73 0.00	45.27 -2.87 0.00	36.37 -1.95 0.00	38.15 -2.11 -0.73	32.71 -1.82 -0.75	51.16 -2.34 -5.05	39.57 -1.81 -2.91	35.03 -2.07 0.00	34.45 -2.78 0.06	56.14 -5.78 2.27	46.71 -4.72 4.78	61.30 -4.36 0.00	45.94 -3.37 0.00	40.53 -3.24 0.00	32.20 -2.62 0.00	30.24 -1.91 0.00	23.81 -0.96 0.00
MOHAWK_PAPER___DRP 24187	29.89 0.94 0.00	31.30 0.98 0.00	30.98 0.99 0.00	27.83 0.86 0.00	33.21 0.96 0.00	48.30 1.29 0.00	39.75 1.20 0.00	53.71 1.87 0.00	50.06 1.91 0.00	39.60 1.28 0.00	40.85 1.32 0.00	34.84 1.06 0.00	49.94 1.49 0.00	39.61 1.14 0.00	38.28 1.18 0.00	38.61 1.32 0.00	66.74 2.55 0.00	58.64 2.43 0.00	68.62 2.96 0.00	51.49 2.19 0.00	45.47 1.69 0.00	36.08 1.26 0.00	33.19 1.06 0.00	25.44 0.68 0.00
MOHICAN___35_KV_115KV_LD 80490	30.88 1.93 0.00	32.30 1.98 0.00	32.01 2.03 0.00	28.78 1.81 0.00	34.48 2.23 0.00	50.20 3.19 0.00	41.34 2.78 0.00	55.85 4.01 0.00	52.13 3.98 0.00	41.05 2.73 0.00	42.59 3.05 0.00	36.15 2.38 0.00	51.67 3.22 0.00	40.88 2.41 0.00	39.46 2.36 0.00	39.78 2.49 0.00	68.93 4.73 0.00	60.68 4.47 0.00	71.25 5.58 0.00	53.63 4.33 0.00	47.38 3.60 0.00	37.48 2.66 0.00	34.45 2.31 0.00	26.34 1.57 0.00
MONGAUP___HYD 23641	30.28 1.33 0.00	31.60 1.28 0.00	31.18 1.20 0.00	28.01 1.04 0.00	33.37 1.12 0.00	48.72 1.71 0.00	40.27 1.72 0.00	54.22 2.38 0.00	50.45 2.29 0.00	39.63 1.31 0.00	40.91 1.37 0.00	30.71 0.94 4.01	48.79 1.31 0.96	39.56 1.09 0.00	38.32 1.22 0.00	38.60 1.31 0.00	67.14 2.95 0.00	58.88 2.67 0.00	69.31 3.65 0.00	51.95 2.65 0.00	45.78 2.01 0.00	36.40 1.57 0.00	33.56 1.43 0.00	25.78 1.02 0.00
MONTAUK___DIESEL 23721	31.59 2.64 0.00	33.17 2.84 0.00	32.63 2.65 0.00	29.29 2.32 0.00	34.82 2.57 0.00	50.19 3.18 0.00	41.04 2.48 0.00	54.15 2.31 0.00	50.12 2.58 0.61	40.21 1.89 0.00	41.94 2.41 0.00	40.06 2.56 -3.73	53.72 4.38 -0.90	39.80 1.85 0.52	38.26 1.16 0.00	38.77 1.47 0.00	70.40 6.21 0.00	63.00 6.79 0.00	73.98 8.32 0.00	55.03 5.72 0.00	48.02 4.25 0.00	37.74 2.92 0.00	34.63 2.50 0.00	26.51 1.75 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.37 -0.58 0.00	30.06 -0.26 0.00	29.60 -0.38 0.00	26.73 -0.25 0.00	31.95 -0.31 0.00	47.82 0.81 0.00	38.75 0.19 0.00	51.98 0.14 0.00	48.09 -0.05 0.00	38.22 -0.10 0.00	45.30 -0.02 -5.78	39.54 -0.16 -5.92	88.51 0.14 -39.93	61.87 0.37 -23.03	36.62 -0.48 0.00	35.86 -1.36 0.07	58.53 -2.90 2.77	47.71 -2.65 5.85	64.21 -1.45 0.00	47.89 -1.42 0.00	42.11 -1.66 0.00	33.19 -1.64 0.00	30.97 -1.17 0.00	24.30 -0.47 0.00

MORRIS_RIDGE___SOLAR 323848	27.94 -1.02 0.00	29.35 -0.97 0.00	28.90 -1.09 0.00	26.08 -0.89 0.00	31.24 -1.01 0.00	46.45 -0.57 0.00	37.82 -0.74 0.00	50.31 -1.53 0.00	46.15 -2.00 0.00	36.75 -1.57 0.00	41.55 -1.59 -3.60	36.11 -1.36 -3.70	71.65 -1.71 -24.93	51.55 -1.29 -14.38	35.46 -1.65 0.00	34.91 -2.28 0.11	55.75 -4.30 4.15	43.81 -3.59 8.81	63.03 -2.63 0.00	46.95 -2.35 0.00	41.12 -2.65 0.00	32.55 -2.28 0.00	30.43 -1.71 0.00	23.77 -1.00 0.00
MORTIMER_115KV_TB3 55949	28.57 -0.38 0.00	29.97 -0.35 0.00	29.57 -0.41 0.00	26.64 -0.33 0.00	31.90 -0.35 0.00	47.23 0.22 0.00	38.40 -0.15 0.00	51.55 -0.29 0.00	47.73 -0.42 0.00	38.07 -0.25 0.00	39.01 -0.23 0.30	33.31 -0.16 0.30	46.33 -0.08 2.03	37.26 -0.04 1.17	36.85 -0.25 0.00	36.53 -0.72 0.04	60.59 -1.91 1.70	51.23 -1.34 3.65	65.09 -0.57 0.00	48.82 -0.49 0.00	43.08 -0.69 0.00	34.13 -0.70 0.00	31.74 -0.40 0.00	24.71 -0.05 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.63 1.67 0.00	31.94 1.62 0.00	31.49 1.51 0.00	28.29 1.32 0.00	33.66 1.41 0.00	49.06 2.04 0.00	40.57 2.02 0.00	54.57 2.73 0.00	51.05 2.90 0.00	40.50 2.19 0.00	41.98 2.45 0.00	39.48 2.01 -3.69	52.22 2.88 -0.89	40.86 2.39 0.00	39.39 2.29 0.00	39.75 2.46 0.00	68.72 4.53 0.00	60.11 3.90 0.00	70.35 4.69 0.00	52.54 3.24 0.00	46.21 2.44 0.00	36.81 1.98 0.00	33.91 1.77 0.00	26.06 1.29 0.00
MUNSVILLE_WIND_PWR 323609	30.01 1.06 0.00	31.21 0.89 0.00	31.38 1.40 0.00	28.23 1.26 0.00	33.91 1.66 0.00	49.52 2.51 0.00	40.76 2.21 0.00	54.79 2.95 0.00	50.70 2.55 0.00	39.99 1.68 0.00	41.83 1.82 -0.48	36.14 1.88 -0.49	54.89 3.14 -3.30	42.31 1.93 -1.91	39.23 2.13 0.00	39.44 1.99 -0.15	73.74 3.57 -5.97	72.94 3.89 -12.85	71.06 5.40 0.00	53.10 3.80 0.00	46.66 2.88 0.00	36.90 2.08 0.00	34.02 1.88 0.00	26.28 1.51 0.00
N SALMON___HYD 24042	28.22 -0.73 0.00	29.61 -0.71 0.00	29.30 -0.68 0.00	26.39 -0.59 0.00	32.33 0.08 0.00	47.59 0.58 0.00	39.38 0.83 0.00	52.64 0.80 0.00	48.59 0.44 0.00	38.67 0.35 0.00	39.47 -0.06 0.00	33.76 -0.02 0.00	47.86 -0.59 0.00	38.24 -0.23 0.00	37.01 -0.09 0.00	37.32 0.03 0.00	64.58 0.38 0.00	56.75 0.54 0.00	66.47 0.81 0.00	49.60 0.29 0.00	44.09 0.31 0.00	35.51 0.68 0.00	32.68 0.53 0.00	25.25 0.49 0.00
N.AKRON__115KV_KNAPP 355671	28.01 -0.94 0.00	29.43 -0.89 0.00	29.03 -0.95 0.00	26.19 -0.77 0.00	31.38 -0.87 0.00	46.86 -0.15 0.00	37.83 -0.72 0.00	50.69 -1.15 0.00	46.81 -1.34 0.00	37.48 -0.83 0.00	39.22 -0.97 -0.66	33.60 -0.85 -0.68	52.08 -0.93 -4.57	40.41 -0.69 -2.63	36.08 -1.02 0.00	35.40 -1.84 0.06	58.08 -3.95 2.16	48.57 -3.07 4.56	63.48 -2.19 0.00	47.61 -1.69 0.00	41.96 -1.81 0.00	33.27 -1.55 0.00	31.14 -1.00 0.00	24.44 -0.32 0.00
N.BELMOR_69_KV_BK1 55787	30.83 1.87 0.00	32.20 1.88 0.00	31.73 1.75 0.00	28.46 1.49 0.00	33.90 1.65 0.00	49.30 2.29 0.00	40.63 2.08 0.00	54.22 2.38 0.00	50.47 2.67 0.35	40.65 2.33 0.00	42.27 2.74 0.00	39.69 2.18 -3.73	52.09 2.75 -0.90	40.44 2.24 0.27	39.29 2.19 0.00	39.70 2.40 0.00	68.82 4.63 0.00	60.26 4.05 0.00	70.55 4.90 0.00	52.76 3.45 0.00	46.37 2.60 0.00	36.91 2.09 0.00	33.93 1.80 0.00	26.03 1.26 0.00
N.E_GEN_SANDY PD 24062	30.15 1.19 0.00	31.53 1.21 0.00	31.19 1.21 0.00	28.02 1.04 0.00	33.41 1.15 0.00	49.41 1.52 -0.88	39.57 1.32 0.30	54.17 1.96 -0.37	56.17 2.08 -5.95	55.55 1.51 -15.72	64.41 1.65 -23.23	57.88 1.35 -22.75	57.92 1.90 -7.57	39.28 1.45 0.64	38.53 1.44 0.00	38.94 1.54 -0.10	67.09 2.89 0.00	60.26 2.67 -1.39	67.13 3.23 1.76	56.07 2.33 -4.43	47.30 1.79 -1.74	36.21 1.39 0.00	33.72 1.21 -0.36	28.87 0.79 -3.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.22 1.27 0.00	31.52 1.20 0.00	31.06 1.08 0.00	27.91 0.94 0.00	33.23 0.98 0.00	48.49 1.48 0.00	40.10 1.55 0.00	53.88 2.04 0.00	50.31 2.16 0.00	39.72 1.40 0.00	41.11 1.58 0.00	28.91 1.25 6.12	48.77 1.79 1.47	40.08 1.61 0.00	38.60 1.50 0.00	38.99 1.70 0.00	67.55 3.36 0.00	59.04 2.83 0.00	69.11 3.44 0.00	51.66 2.36 0.00	45.46 1.68 0.00	36.15 1.32 0.00	33.33 1.19 0.00	25.64 0.87 0.00
N.QUEENS_27_KV_LOAD 356247	30.68 1.73 0.00	32.00 1.67 0.00	31.52 1.54 0.00	28.32 1.35 0.00	33.69 1.44 0.00	49.08 2.07 0.00	40.66 2.11 0.00	54.68 2.84 0.00	51.15 3.00 0.00	40.55 2.24 0.00	42.06 2.52 0.00	39.56 2.09 -3.69	52.36 3.03 -0.89	40.91 2.43 0.00	39.41 2.31 -0.01	39.77 2.48 0.00	68.91 4.71 0.00	60.16 3.95 0.00	70.36 4.70 0.00	52.59 3.29 0.00	46.28 2.51 0.00	36.93 2.10 -0.01	34.01 1.86 -0.01	26.10 1.33 0.00
N.TROY___115KV_TB1 355778	30.14 1.19 0.00	31.56 1.24 0.00	31.24 1.26 0.00	28.06 1.09 0.00	33.52 1.26 0.00	48.69 1.68 0.00	40.00 1.45 0.00	53.97 2.13 0.00	50.26 2.11 0.00	39.81 1.49 0.00	41.08 1.55 0.00	35.03 1.26 0.00	50.26 1.82 0.00	39.84 1.37 0.00	38.48 1.38 0.00	38.78 1.49 0.00	66.97 2.77 0.00	58.84 2.63 0.00	68.90 3.24 0.00	51.70 2.40 0.00	45.71 1.94 0.00	36.29 1.46 0.00	33.41 1.27 0.00	25.60 0.84 0.00
NARROWS_GT1_1 24228	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT1_2 24229	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT1_3 24230	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT1_4 24231	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00

NARROWS_GT1_5 24232	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT1_6 24233	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT1_7 24234	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT1_8 24235	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT2_1 24236	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT2_2 24237	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT2_3 24238	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT2_4 24239	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT2_5 24240	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT2_6 24241	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT2_7 24242	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NARROWS_GT2_8 24243	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.63 -1.12	40.32 2.55 -0.68	103.83 2.75 -63.79	69.20 5.00 0.00	60.52 4.31 0.00	70.80 5.13 0.00	52.86 3.56 0.00	46.54 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.11 1.16 0.00	31.55 1.23 0.00	31.26 1.28 0.00	28.08 1.11 0.00	33.54 1.28 0.00	48.83 1.82 0.00	40.27 1.72 0.00	54.51 2.66 0.00	50.64 2.49 0.00	39.75 1.43 0.00	40.91 1.37 0.00	34.71 0.93 0.00	49.72 1.28 0.00	39.46 0.99 0.00	38.18 1.08 0.00	38.63 1.33 0.00	67.08 2.88 0.00	59.26 3.05 0.00	69.69 4.03 0.00	52.32 3.02 0.00	46.17 2.40 0.00	36.57 1.74 0.00	33.57 1.43 0.00	25.69 0.92 0.00
NCHELSEA_115KV_TR2 355582	30.51 1.55 0.00	31.83 1.50 0.00	31.40 1.42 0.00	28.22 1.24 0.00	33.61 1.36 0.00	49.01 1.99 0.00	40.51 1.96 0.00	54.55 2.72 0.00	50.95 2.80 0.00	40.32 2.01 0.00	41.73 2.20 0.00	35.57 1.80 0.00	51.02 2.58 0.00	40.62 2.15 0.00	39.18 2.08 0.00	39.53 2.24 0.00	68.37 4.17 0.00	59.88 3.67 0.00	70.15 4.49 0.00	52.45 3.15 0.00	46.15 2.38 0.00	36.68 1.86 0.00	33.78 1.65 0.00	25.93 1.17 0.00
NEG CAPITAL___MECHNVIL 23645	30.52 1.57 0.00	31.95 1.62 0.00	31.61 1.63 0.00	28.40 1.43 0.00	33.96 1.71 0.00	49.41 2.39 0.00	40.68 2.13 0.00	54.91 3.07 0.00	51.12 2.97 0.00	40.33 2.02 0.00	41.57 2.04 0.00	35.45 1.67 0.00	50.84 2.39 0.00	40.36 1.89 0.00	39.00 1.90 0.00	39.32 2.03 0.00	68.01 3.81 0.00	59.79 3.58 0.00	70.11 4.45 0.00	52.63 3.32 0.00	46.47 2.69 0.00	36.84 2.01 0.00	33.89 1.75 0.00	25.97 1.20 0.00

NEG CENTRAL_HIGH_ACRES 23767	28.61 -0.34 0.00	30.00 -0.33 0.00	29.61 -0.37 0.00	26.67 -0.30 0.00	31.92 -0.33 0.00	47.13 0.12 0.00	38.43 -0.12 0.00	51.63 -0.21 0.00	47.80 -0.35 0.00	38.09 -0.23 0.00	39.05 -0.16 0.33	33.33 -0.11 0.33	46.21 0.02 2.26	37.20 0.04 1.31	36.93 -0.17 0.00	36.70 -0.55 0.04	60.96 -1.54 1.70	51.50 -1.06 3.64	65.30 -0.36 0.00	48.98 -0.33 0.00	43.23 -0.54 0.00	34.23 -0.60 0.00	31.78 -0.36 0.00	24.70 -0.07 0.00
NEG CENTRAL___DRP 24199	28.87 -0.08 0.00	30.23 -0.09 0.00	29.84 -0.14 0.00	26.83 -0.14 0.00	32.11 -0.14 0.00	47.15 0.14 0.00	38.62 0.07 0.00	51.80 -0.04 0.00	47.96 -0.19 0.00	38.06 -0.27 0.00	39.34 -0.20 0.00	33.68 -0.09 0.00	48.22 -0.23 0.00	38.42 -0.05 0.00	36.89 -0.21 0.00	36.82 -0.42 0.06	60.75 -1.15 2.30	50.43 -0.83 4.94	65.57 -0.09 0.00	49.14 -0.16 0.00	43.33 -0.45 0.00	34.35 -0.48 0.00	31.82 -0.32 0.00	24.59 -0.17 0.00
NEG CENTRAL___INDECK 23768	29.07 0.11 0.00	30.47 0.14 0.00	30.00 0.02 0.00	27.03 0.06 0.00	32.42 0.17 0.00	48.22 1.21 0.00	39.38 0.83 0.00	52.75 0.91 0.00	48.52 0.38 0.00	38.66 0.34 0.00	41.04 -0.03 -1.53	35.32 -0.03 -1.58	59.11 0.00 -10.67	44.73 0.11 -6.15	36.97 -0.13 0.00	36.46 -0.73 0.10	58.64 -1.75 3.81	47.03 -1.06 8.12	66.26 0.60 0.00	49.71 0.40 0.00	43.63 -0.14 0.00	34.45 -0.37 0.00	32.04 -0.10 0.00	24.95 0.18 0.00
NEG CENTRAL___SENECA 23627	28.97 0.02 0.00	30.32 0.00 0.00	29.90 -0.08 0.00	26.90 -0.07 0.00	32.20 -0.05 0.00	47.35 0.33 0.00	38.87 0.32 0.00	52.07 0.24 0.00	48.07 -0.07 0.00	38.12 -0.20 0.00	39.71 -0.13 -0.31	34.09 0.00 -0.32	50.53 -0.06 -2.14	39.82 0.11 -1.23	36.93 -0.17 0.00	36.75 -0.45 0.09	59.33 -1.36 3.51	47.63 -1.07 7.51	65.66 0.00 0.00	49.16 -0.15 0.00	43.22 -0.55 0.00	34.28 -0.54 0.00	31.84 -0.30 0.00	24.65 -0.11 0.00
NEG CENTRAL___STATE_STREET 24147	28.99 0.04 0.00	30.38 0.05 0.00	30.02 0.03 0.00	26.91 -0.06 0.00	32.24 -0.02 0.00	47.30 0.28 0.00	38.51 -0.05 0.00	51.65 -0.19 0.00	48.12 -0.03 0.00	38.21 -0.11 0.00	39.47 -0.06 0.00	33.78 0.00 0.00	48.21 -0.23 0.00	38.39 -0.08 0.00	37.10 0.00 0.00	37.20 -0.07 0.02	62.94 -0.30 0.95	53.95 -0.17 2.08	66.01 0.35 0.00	49.52 0.21 0.00	43.80 0.03 0.00	34.68 -0.14 0.00	32.05 -0.08 0.00	24.64 -0.12 0.00
NEG MILLWOOD___DRP 24198	30.58 1.63 0.00	31.91 1.59 0.00	31.49 1.50 0.00	28.28 1.31 0.00	33.69 1.44 0.00	49.11 2.09 0.00	40.62 2.07 0.00	54.72 2.88 0.00	51.14 2.99 0.00	40.54 2.22 0.00	41.96 2.43 0.00	37.01 1.97 -1.27	51.59 2.84 -0.31	40.80 2.33 0.00	39.35 2.25 0.00	39.70 2.41 0.00	68.62 4.43 0.00	60.11 3.90 0.00	70.42 4.76 0.00	52.67 3.37 0.00	46.33 2.56 0.00	36.84 2.01 0.00	33.91 1.77 0.00	26.01 1.24 0.00
NEG NORTH_FLCN_SEA 23793	27.70 -1.26 0.00	29.10 -1.23 0.00	28.86 -1.12 0.00	25.97 -1.01 0.00	32.34 0.09 0.00	48.06 1.05 0.00	40.03 1.48 0.00	53.40 1.56 0.00	49.38 1.23 0.00	39.13 0.81 0.00	40.13 0.60 0.00	34.27 0.50 0.00	48.03 -0.42 0.00	38.41 -0.06 0.00	37.40 0.30 0.00	37.95 0.65 0.00	65.99 1.79 0.00	57.94 1.73 0.00	68.13 2.47 0.00	50.45 1.15 0.00	44.52 0.75 0.00	36.12 1.30 0.00	33.10 0.96 0.00	25.50 0.74 0.00
NEG NORTH_KES_CHATEGAY 23792	27.82 -1.13 0.00	29.23 -1.10 0.00	28.96 -1.03 0.00	26.04 -0.93 0.00	32.04 -0.21 0.00	47.24 0.23 0.00	39.20 0.65 0.00	52.39 0.54 0.00	48.34 0.19 0.00	38.43 0.11 0.00	39.33 -0.20 0.00	33.58 -0.20 0.00	47.43 -1.01 0.00	37.97 -0.50 0.00	36.87 -0.23 0.00	37.26 -0.04 0.00	64.46 0.27 0.00	56.61 0.40 0.00	66.33 0.67 0.00	49.37 0.06 0.00	43.84 0.07 0.00	35.38 0.56 0.00	32.52 0.38 0.00	25.12 0.35 0.00
NEG NORTH___ALICE_FALLS 23915	27.84 -1.11 0.00	29.23 -1.10 0.00	28.98 -1.01 0.00	26.06 -0.91 0.00	32.38 0.12 0.00	48.07 1.06 0.00	40.03 1.47 0.00	53.45 1.61 0.00	49.39 1.24 0.00	39.17 0.85 0.00	40.13 0.60 0.00	34.28 0.51 0.00	48.10 -0.35 0.00	38.43 -0.04 0.00	37.40 0.30 0.00	37.98 0.69 0.00	65.96 1.76 0.00	57.96 1.75 0.00	68.14 2.48 0.00	50.53 1.22 0.00	44.64 0.86 0.00	36.14 1.31 0.00	33.12 0.98 0.00	25.52 0.76 0.00
NEG NORTH___LWR_SARANAC 23913	27.84 -1.11 0.00	29.23 -1.10 0.00	28.98 -1.01 0.00	26.06 -0.91 0.00	32.38 0.12 0.00	48.07 1.06 0.00	40.03 1.47 0.00	53.45 1.61 0.00	49.39 1.24 0.00	39.17 0.85 0.00	40.13 0.60 0.00	34.28 0.51 0.00	48.10 -0.35 0.00	38.43 -0.04 0.00	37.40 0.30 0.00	37.98 0.69 0.00	65.96 1.76 0.00	57.96 1.75 0.00	68.14 2.48 0.00	50.53 1.22 0.00	44.64 0.86 0.00	36.14 1.31 0.00	33.12 0.98 0.00	25.52 0.76 0.00
NEG NORTH___PLATTSBURG 23628	27.84 -1.11 0.00	29.23 -1.10 0.00	28.98 -1.01 0.00	26.06 -0.91 0.00	32.38 0.13 0.00	48.07 1.06 0.00	40.03 1.47 0.00	53.45 1.60 0.00	49.39 1.24 0.00	39.17 0.85 0.00	40.13 0.59 0.00	34.28 0.51 0.00	48.09 -0.36 0.00	38.43 -0.04 0.00	37.40 0.30 0.00	37.98 0.69 0.00	65.96 1.77 0.00	57.96 1.75 0.00	68.14 2.48 0.00	50.53 1.22 0.00	44.64 0.86 0.00	36.14 1.31 0.00	33.12 0.98 0.00	25.52 0.76 0.00
NEG WEST_LEA_LOCKPORT 23791	27.56 -1.40 0.00	28.99 -1.33 0.00	28.60 -1.39 0.00	25.81 -1.16 0.00	30.91 -1.35 0.00	46.17 -0.84 0.00	37.16 -1.39 0.00	49.70 -2.14 0.00	45.82 -2.32 0.00	36.76 -1.56 0.00	38.63 -1.69 -0.78	33.11 -1.46 -0.80	52.05 -1.81 -5.41	40.19 -1.40 -3.12	35.42 -1.68 0.00	34.82 -2.42 0.06	56.81 -5.14 2.26	47.31 -4.15 4.75	62.07 -3.59 0.00	46.52 -2.78 0.00	41.02 -2.75 0.00	32.56 -2.27 0.00	30.55 -1.59 0.00	24.03 -0.73 0.00
NEG WEST___LANCASTER 23811	28.30 -0.64 0.00	29.69 -0.63 0.00	29.27 -0.72 0.00	26.38 -0.59 0.00	31.59 -0.67 0.00	47.03 0.02 0.00	38.11 -0.44 0.00	50.99 -0.85 0.00	47.03 -1.12 0.00	37.56 -0.76 0.00	43.69 -0.78 -4.94	38.04 -0.80 -5.06	81.62 -0.95 -34.12	57.60 -0.55 -19.68	36.27 -0.84 0.00	35.70 -1.53 0.07	58.35 -3.25 2.60	47.94 -2.80 5.47	63.64 -2.02 0.00	47.62 -1.68 0.00	41.97 -1.81 0.00	33.26 -1.56 0.00	31.14 -1.00 0.00	24.39 -0.38 0.00
NEG_PENN_ALLEGHNY 23528	29.05 0.10 0.00	30.38 0.06 0.00	30.01 0.03 0.00	27.00 0.03 0.00	32.21 -0.04 0.00	47.21 0.20 0.00	38.73 0.18 0.00	52.11 0.27 0.00	48.51 0.36 0.00	38.43 0.11 0.00	40.30 0.27 -0.50	34.48 0.19 -0.51	52.31 0.42 -3.45	40.82 0.36 -1.99	37.40 0.30 0.00	37.55 0.22 -0.03	65.68 0.39 -1.09	58.88 0.35 -2.32	66.53 0.87 0.00	49.85 0.54 0.00	44.00 0.23 0.00	34.94 0.11 0.00	32.28 0.14 0.00	24.89 0.12 0.00
NEG___GEN_MONROE 24207	28.67 -0.28 0.00	30.07 -0.25 0.00	29.67 -0.32 0.00	26.73 -0.24 0.00	32.01 -0.24 0.00	47.48 0.47 0.00	38.59 0.04 0.00	51.84 0.00 0.00	47.96 -0.19 0.00	38.26 -0.06 0.00	39.22 -0.07 0.25	33.45 -0.07 0.25	46.84 0.10 1.70	37.59 0.10 0.98	36.95 -0.14 0.00	36.53 -0.72 0.04	60.56 -1.92 1.72	51.25 -1.27 3.69	65.36 -0.30 0.00	49.05 -0.26 0.00	43.26 -0.51 0.00	34.26 -0.57 0.00	31.87 -0.27 0.00	24.84 0.07 0.00

NEPA__ENERGY 23901	28.38 -0.57 0.00	29.75 -0.57 0.00	29.28 -0.70 0.00	26.39 -0.58 0.00	31.45 -0.81 0.00	46.87 -0.15 0.00	38.00 -0.55 0.00	50.68 -1.16 0.00	46.69 -1.46 0.00	36.89 -1.43 0.00	44.22 -1.23 -5.92	38.63 -1.21 -6.06	87.99 -1.35 -40.89	61.24 -0.81 -23.58	35.78 -1.32 0.00	35.29 -1.94 0.07	57.87 -3.72 2.62	47.18 -3.53 5.50	63.20 -2.46 0.00	47.19 -2.11 0.00	41.43 -2.34 0.00	32.82 -2.00 0.00	30.70 -1.44 0.00	24.01 -0.75 0.00
NEVERSINK__HYD 23608	30.38 1.43 0.00	31.71 1.38 0.00	31.28 1.29 0.00	28.10 1.13 0.00	33.47 1.22 0.00	48.89 1.88 0.00	40.41 1.85 0.00	54.49 2.65 0.00	51.79 3.64 0.00	40.88 2.55 0.00	42.20 2.67 0.00	35.06 2.28 1.00	51.36 3.15 0.24	41.12 2.65 0.00	39.72 2.62 0.00	40.05 2.75 0.00	67.89 3.70 0.00	59.59 3.38 0.00	69.85 4.19 0.00	52.26 2.95 0.00	46.02 2.24 0.00	36.57 1.74 0.00	33.70 1.56 0.00	25.89 1.12 0.00
NEWKRMKL_115KV_TB1 55635	29.54 0.59 0.00	30.93 0.60 0.00	30.61 0.62 0.00	27.50 0.53 0.00	32.80 0.55 0.00	47.70 0.69 0.00	39.29 0.73 0.00	53.05 1.21 0.00	49.43 1.28 0.00	39.12 0.80 0.00	40.39 0.85 0.00	34.45 0.68 0.00	49.39 0.95 0.00	39.20 0.73 0.00	37.88 0.78 0.00	38.19 0.90 0.00	66.00 1.81 0.00	57.94 1.73 0.00	67.78 2.11 0.00	50.84 1.53 0.00	44.89 1.12 0.00	35.63 0.81 0.00	32.79 0.65 0.00	25.14 0.37 0.00
NEWTON__FALLS_HYD 23847	28.51 -0.45 0.00	29.90 -0.42 0.00	29.62 -0.36 0.00	26.82 -0.15 0.00	32.64 0.39 0.00	47.61 0.60 0.00	39.13 0.57 0.00	52.33 0.49 0.00	48.40 0.25 0.00	38.18 -0.14 0.00	39.05 -0.48 0.00	33.54 -0.23 0.00	47.94 -0.51 0.00	37.93 -0.55 0.00	36.39 -0.71 0.00	36.29 -1.00 0.00	62.92 -1.28 0.00	55.73 -0.48 0.00	65.57 -0.09 0.00	49.38 0.07 0.00	43.88 0.10 0.00	35.14 0.32 0.00	32.42 0.28 0.00	24.97 0.20 0.00
NGRID_A1_DSASP 323792	27.14 -1.81 0.00	28.59 -1.74 0.00	28.21 -1.78 0.00	25.46 -1.51 0.00	30.51 -1.74 0.00	45.56 -1.45 0.00	36.62 -1.93 0.00	48.87 -2.97 0.00	45.04 -3.11 0.00	36.22 -2.10 0.00	36.72 -2.20 0.62	31.29 -1.85 0.63	41.77 -2.41 4.26	34.08 -1.93 2.46	34.95 -2.15 0.00	34.37 -2.87 0.06	55.90 -6.01 2.29	46.45 -4.98 4.78	60.97 -4.69 0.00	45.71 -3.60 0.00	40.35 -3.43 0.00	32.05 -2.77 0.00	30.15 -1.99 0.00	23.74 -1.02 0.00
NGRID_A2_DSASP 323793	27.14 -1.81 0.00	28.59 -1.74 0.00	28.21 -1.78 0.00	25.46 -1.51 0.00	30.51 -1.74 0.00	45.56 -1.45 0.00	36.62 -1.93 0.00	48.87 -2.97 0.00	45.04 -3.11 0.00	36.22 -2.10 0.00	36.72 -2.20 0.62	31.29 -1.85 0.63	41.77 -2.41 4.26	34.08 -1.93 2.46	34.95 -2.15 0.00	34.37 -2.87 0.06	55.90 -6.01 2.29	46.45 -4.98 4.78	60.97 -4.69 0.00	45.71 -3.60 0.00	40.35 -3.43 0.00	32.05 -2.77 0.00	30.15 -1.99 0.00	23.74 -1.02 0.00
NGRID_A4_DSASP 323807	27.14 -1.81 0.00	28.59 -1.74 0.00	28.21 -1.78 0.00	25.46 -1.51 0.00	30.51 -1.74 0.00	45.56 -1.45 0.00	36.62 -1.93 0.00	48.87 -2.97 0.00	45.04 -3.11 0.00	36.22 -2.10 0.00	36.72 -2.20 0.62	31.29 -1.85 0.63	41.77 -2.41 4.26	34.08 -1.93 2.46	34.95 -2.15 0.00	34.37 -2.87 0.06	55.90 -6.01 2.29	46.45 -4.98 4.78	60.97 -4.69 0.00	45.71 -3.60 0.00	40.35 -3.43 0.00	32.05 -2.77 0.00	30.15 -1.99 0.00	23.74 -1.02 0.00
NIAGARA_115E_LBMP 323715	27.09 -1.87 0.00	28.51 -1.81 0.00	28.13 -1.85 0.00	25.42 -1.56 0.00	30.42 -1.84 0.00	45.45 -1.57 0.00	36.50 -2.06 0.00	48.75 -3.09 0.00	44.93 -3.22 0.00	36.13 -2.19 0.00	37.86 -2.37 -0.70	32.46 -2.04 -0.72	50.66 -2.65 -4.86	39.21 -2.07 -2.80	34.80 -2.30 0.00	34.22 -3.01 0.06	55.71 -6.19 2.30	46.30 -5.09 4.82	60.81 -4.85 0.00	45.57 -3.73 0.00	40.22 -3.55 0.00	31.98 -2.85 0.00	30.04 -2.10 0.00	23.67 -1.10 0.00
NIAGARA_115W_LBMP 323714	27.09 -1.86 0.00	28.53 -1.80 0.00	28.16 -1.83 0.00	25.42 -1.55 0.00	30.45 -1.80 0.00	45.48 -1.54 0.00	36.55 -2.01 0.00	48.77 -3.07 0.00	44.95 -3.20 0.00	36.16 -2.16 0.00	36.50 -2.28 0.75	31.09 -1.92 0.77	40.74 -2.51 5.20	33.46 -2.01 3.00	34.88 -2.23 0.00	34.30 -2.94 0.06	55.79 -6.13 2.28	46.36 -5.08 4.77	60.85 -4.81 0.00	45.61 -3.69 0.00	40.26 -3.51 0.00	32.00 -2.83 0.00	30.09 -2.05 0.00	23.70 -1.07 0.00
NIAGARA_230_LBMP 323716	27.35 -1.60 0.00	28.78 -1.54 0.00	28.40 -1.58 0.00	25.64 -1.33 0.00	30.71 -1.54 0.00	45.83 -1.19 0.00	36.88 -1.67 0.00	49.27 -2.57 0.00	45.42 -2.72 0.00	36.45 -1.87 0.00	35.70 -1.94 1.90	30.19 -1.64 1.94	33.23 -2.10 13.11	29.23 -1.68 7.56	35.19 -1.91 0.00	34.63 -2.61 0.06	56.46 -5.51 2.23	47.02 -4.52 4.67	61.56 -4.10 0.00	46.13 -3.17 0.00	40.71 -3.06 0.00	32.30 -2.52 0.00	30.33 -1.81 0.00	23.87 -0.89 0.00
NIAGARA__115KV_198_GIBSON 55903	27.09 -1.86 0.00	28.53 -1.80 0.00	28.16 -1.82 0.00	25.42 -1.55 0.00	30.46 -1.80 0.00	45.48 -1.54 0.00	36.54 -2.01 0.00	48.77 -3.07 0.00	44.95 -3.20 0.00	36.15 -2.17 0.00	36.50 -2.28 0.75	31.07 -1.94 0.77	40.73 -2.52 5.20	33.46 -2.01 3.00	34.88 -2.22 0.00	34.29 -2.94 0.06	55.78 -6.14 2.28	46.35 -5.09 4.77	60.86 -4.80 0.00	45.61 -3.69 0.00	40.26 -3.51 0.00	31.99 -2.83 0.00	30.09 -2.05 0.00	23.70 -1.07 0.00
NIAGARA____ 23760	27.35 -1.60 0.00	28.78 -1.54 0.00	28.40 -1.58 0.00	25.64 -1.33 0.00	30.71 -1.54 0.00	45.83 -1.19 0.00	36.88 -1.67 0.00	49.27 -2.57 0.00	45.42 -2.72 0.00	36.45 -1.87 0.00	36.87 -1.94 0.73	31.44 -1.64 0.70	41.67 -2.10 4.68	34.42 -1.68 2.37	35.19 -1.91 0.00	34.63 -2.61 0.06	56.44 -5.51 2.25	46.99 -4.52 4.69	61.56 -4.10 0.00	46.13 -3.17 0.00	40.71 -3.06 0.00	32.30 -2.52 0.00	30.33 -1.81 0.00	23.87 -0.89 0.00
NINE_MILE_1 23575	28.09 -0.86 0.00	29.42 -0.91 0.00	29.08 -0.90 0.00	26.17 -0.81 0.00	31.29 -0.96 0.00	45.67 -1.34 0.00	37.31 -1.24 0.00	50.16 -1.68 0.00	46.59 -1.55 0.00	37.03 -1.29 0.00	38.23 -1.30 0.00	32.67 -1.11 0.00	46.90 -1.55 0.00	37.24 -1.23 0.00	35.88 -1.22 0.00	36.01 -1.28 0.00	61.89 -2.31 0.00	54.32 -1.89 0.00	63.72 -1.94 0.00	47.81 -1.49 0.00	42.35 -1.42 0.00	33.64 -1.19 0.00	31.06 -1.08 0.00	23.98 -0.78 0.00
NINE_MILE_2 23744	28.09 -0.86 0.00	29.42 -0.90 0.00	29.08 -0.90 0.00	26.17 -0.80 0.00	31.29 -0.96 0.00	45.67 -1.34 0.00	37.31 -1.24 0.00	50.16 -1.68 0.00	46.60 -1.55 0.00	37.03 -1.29 0.00	38.23 -1.30 0.00	32.67 -1.11 0.00	46.90 -1.55 0.00	37.24 -1.23 0.00	35.89 -1.22 0.00	36.01 -1.28 0.00	61.90 -2.30 0.00	54.32 -1.89 0.00	63.72 -1.94 0.00	47.81 -1.49 0.00	42.35 -1.42 0.00	33.64 -1.19 0.00	31.06 -1.08 0.00	23.98 -0.78 0.00
NM_CAPITAL__DRP 24208	29.65 0.70 0.00	31.05 0.73 0.00	30.73 0.74 0.00	27.61 0.63 0.00	32.94 0.68 0.00	47.89 0.87 0.00	39.41 0.86 0.00	53.22 1.38 0.00	49.61 1.46 0.00	39.27 0.95 0.00	40.55 1.02 0.00	34.59 0.81 0.00	49.60 1.16 0.00	39.33 0.86 0.00	38.01 0.91 0.00	38.32 1.02 0.00	66.20 2.01 0.00	58.14 1.93 0.00	68.01 2.35 0.00	51.01 1.70 0.00	45.05 1.28 0.00	35.76 0.94 0.00	32.92 0.78 0.00	25.23 0.46 0.00

NM_CENTRAL___DRP 24181	28.61 -0.34 0.00	29.96 -0.37 0.00	29.60 -0.38 0.00	26.64 -0.33 0.00	31.84 -0.41 0.00	46.56 -0.45 0.00	38.11 -0.45 0.00	51.25 -0.59 0.00	47.62 -0.53 0.00	37.79 -0.53 0.00	39.08 -0.45 0.00	33.40 -0.38 0.00	47.98 -0.47 0.00	38.09 -0.38 0.00	36.68 -0.42 0.00	36.78 -0.51 0.00	63.23 -0.97 0.00	55.50 -0.70 0.00	65.20 -0.46 0.00	48.92 -0.38 0.00	43.27 -0.50 0.00	34.33 -0.50 0.00	31.69 -0.45 0.00	24.45 -0.32 0.00
NM_FRONTIER___DRP 24179	27.09 -1.86 0.00	28.53 -1.80 0.00	28.16 -1.82 0.00	25.42 -1.55 0.00	30.46 -1.80 0.00	45.48 -1.54 0.00	36.54 -2.01 0.00	48.77 -3.07 0.00	44.95 -3.20 0.00	36.15 -2.17 0.00	36.50 -2.28 0.75	31.07 -1.94 0.77	40.73 -2.52 5.20	33.46 -2.01 3.00	34.88 -2.22 0.00	34.29 -2.94 0.06	55.78 -6.14 2.28	46.35 -5.09 4.77	60.86 -4.80 0.00	45.61 -3.69 0.00	40.26 -3.51 0.00	31.99 -2.83 0.00	30.09 -2.05 0.00	23.70 -1.07 0.00
NM_ST_REGIS___HYD 24053	28.58 -0.37 0.00	29.98 -0.35 0.00	29.66 -0.33 0.00	26.73 -0.24 0.00	32.43 0.18 0.00	47.47 0.46 0.00	38.96 0.41 0.00	51.96 0.12 0.00	47.95 -0.20 0.00	38.17 -0.15 0.00	38.93 -0.60 0.00	33.40 -0.38 0.00	47.62 -0.83 0.00	37.84 -0.63 0.00	36.38 -0.72 0.00	36.54 -0.75 0.00	63.15 -1.05 0.00	55.50 -0.71 0.00	64.89 -0.77 0.00	48.67 -0.64 0.00	43.41 -0.36 0.00	34.90 0.07 0.00	32.25 0.11 0.00	25.00 0.24 0.00
NORTHPORT___1 23551	30.87 1.92 0.00	32.35 2.03 0.00	31.87 1.89 0.00	28.57 1.60 0.00	34.05 1.79 0.00	49.33 2.32 0.00	40.57 2.02 0.00	53.95 2.11 0.00	49.83 2.31 0.62	40.50 2.18 0.00	42.11 2.58 0.00	39.62 2.11 -3.73	52.02 2.67 -0.90	40.19 2.25 0.53	39.13 2.03 0.00	39.51 2.22 0.00	68.48 4.29 0.00	60.08 3.87 0.00	70.31 4.65 0.00	52.57 3.27 0.00	46.20 2.42 0.00	36.78 1.95 0.00	33.79 1.65 0.00	25.83 1.06 0.00
NORTHPORT___2 23552	30.87 1.92 0.00	32.35 2.03 0.00	31.87 1.89 0.00	28.57 1.60 0.00	34.05 1.79 0.00	49.33 2.32 0.00	40.57 2.02 0.00	53.95 2.11 0.00	49.83 2.31 0.62	40.50 2.18 0.00	42.11 2.58 0.00	39.62 2.11 -3.73	52.02 2.67 -0.90	40.19 2.25 0.53	39.13 2.03 0.00	39.51 2.22 0.00	68.48 4.29 0.00	60.08 3.87 0.00	70.31 4.65 0.00	52.57 3.27 0.00	46.20 2.42 0.00	36.78 1.95 0.00	33.79 1.65 0.00	25.83 1.06 0.00
NORTHPORT___3 23553	30.58 1.63 0.00	32.04 1.71 0.00	31.57 1.59 0.00	28.31 1.34 0.00	33.73 1.48 0.00	48.85 1.84 0.00	40.17 1.61 0.00	53.45 1.61 0.00	49.38 1.85 0.62	40.09 1.77 0.00	41.68 2.14 0.00	39.27 1.77 -3.73	51.51 2.17 -0.90	39.81 1.86 0.53	38.78 1.68 0.00	39.14 1.85 0.00	67.83 3.63 0.00	59.46 3.26 0.00	69.57 3.90 0.00	52.01 2.70 0.00	45.72 1.94 0.00	36.38 1.56 0.00	33.43 1.29 0.00	25.58 0.82 0.00
NORTHPORT___4 23650	30.58 1.63 0.00	32.04 1.71 0.00	31.57 1.59 0.00	28.31 1.34 0.00	33.73 1.48 0.00	48.85 1.84 0.00	40.17 1.61 0.00	53.45 1.61 0.00	49.38 1.85 0.62	40.09 1.77 0.00	41.68 2.14 0.00	39.27 1.77 -3.73	51.51 2.17 -0.90	39.81 1.86 0.53	38.78 1.68 0.00	39.14 1.85 0.00	67.83 3.63 0.00	59.46 3.26 0.00	69.57 3.90 0.00	52.01 2.70 0.00	45.72 1.94 0.00	36.38 1.56 0.00	33.43 1.29 0.00	25.58 0.82 0.00
NORTHPORT___IC 23718	30.87 1.92 0.00	32.35 2.03 0.00	31.87 1.89 0.00	28.57 1.61 0.00	34.05 1.80 0.00	49.33 2.32 0.00	40.57 2.02 0.00	53.95 2.11 0.00	49.83 2.31 0.62	40.50 2.18 0.00	42.12 2.58 0.00	39.62 2.11 -3.73	52.01 2.67 -0.90	40.19 2.25 0.53	39.13 2.03 0.00	39.52 2.22 0.00	68.48 4.29 0.00	60.08 3.87 0.00	70.31 4.65 0.00	52.57 3.27 0.00	46.20 2.43 0.00	36.78 1.95 0.00	33.79 1.65 0.00	25.83 1.06 0.00
NORTH___COUNTRY_ESR 323785	27.76 -1.19 0.00	29.16 -1.16 0.00	28.86 -1.12 0.00	25.98 -0.99 0.00	31.96 -0.29 0.00	47.16 0.14 0.00	39.10 0.55 0.00	52.26 0.42 0.00	48.20 0.05 0.00	38.33 0.01 0.00	39.29 -0.25 0.00	33.56 -0.22 0.00	47.41 -1.04 0.00	37.93 -0.54 0.00	36.79 -0.31 0.00	37.19 -0.10 0.00	64.34 0.14 0.00	56.48 0.27 0.00	66.11 0.45 0.00	49.19 -0.12 0.00	43.71 -0.07 0.00	35.27 0.45 0.00	32.44 0.30 0.00	25.05 0.29 0.00
NPX_GEN_1385_PROXY 323591	31.14 2.19 0.00	33.10 2.78 0.00	32.71 2.73 0.00	29.27 2.30 0.00	34.95 2.70 0.00	50.69 3.67 0.00	41.72 3.17 0.00	83.05 3.64 -27.56	71.02 3.73 -19.15	44.81 3.30 -3.19	53.96 3.75 -10.69	75.64 3.11 -38.76	82.19 4.11 -29.63	50.47 3.39 -8.61	47.25 3.13 -7.02	40.43 3.13 0.00	69.79 5.59 0.00	74.13 5.46 -12.45	72.10 6.44 0.00	67.67 4.70 -13.66	47.46 3.69 0.00	37.79 2.96 0.00	39.46 2.58 -4.74	26.36 1.59 0.00
NPX_GEN_CSC 323557	31.14 2.20 0.00	32.58 2.26 0.00	32.08 2.10 0.00	28.77 1.80 0.00	34.27 2.01 0.00	49.70 2.69 0.00	40.96 2.41 0.00	54.38 2.54 0.00	50.22 2.68 0.61	40.79 2.47 0.00	42.49 2.96 0.00	40.01 2.51 -3.73	52.61 3.27 -0.90	40.16 2.21 0.52	38.99 1.89 0.00	39.52 2.23 0.00	69.42 5.22 0.00	61.25 5.04 0.00	71.83 6.17 0.00	53.66 4.36 0.00	47.02 3.25 0.00	37.31 2.49 0.00	34.21 2.07 0.00	26.18 1.42 0.00
NSINS_S_GLNS_FALLS 23858	30.83 1.88 0.00	32.26 1.94 0.00	31.97 1.98 0.00	28.74 1.77 0.00	34.42 2.17 0.00	50.11 3.09 0.00	41.28 2.72 0.00	55.75 3.91 0.00	52.00 3.86 0.00	40.95 2.63 0.00	42.45 2.92 0.00	36.07 2.29 0.00	51.56 3.12 0.00	40.83 2.36 0.00	39.41 2.31 0.00	39.75 2.45 0.00	68.85 4.65 0.00	60.59 4.38 0.00	71.11 5.45 0.00	53.50 4.20 0.00	47.27 3.49 0.00	37.40 2.57 0.00	34.38 2.24 0.00	26.29 1.53 0.00
NUCOR_STEEL___DRP 24197	28.98 0.03 0.00	30.37 0.04 0.00	30.01 0.03 0.00	26.89 -0.08 0.00	32.23 -0.02 0.00	47.29 0.27 0.00	38.45 -0.11 0.00	51.59 -0.25 0.00	48.10 -0.05 0.00	38.20 -0.11 0.00	39.45 -0.08 0.00	33.76 -0.01 0.00	48.18 -0.27 0.00	38.35 -0.12 0.00	37.10 0.00 0.00	37.22 -0.05 0.02	63.26 -0.26 0.68	54.56 -0.15 1.50	66.00 0.34 0.00	49.52 0.22 0.00	43.83 0.05 0.00	34.69 -0.13 0.00	32.05 -0.09 0.00	24.63 -0.13 0.00
NUMBER_THREE_WT_PWR 323818	28.18 -0.78 0.00	29.59 -0.73 0.00	29.36 -0.62 0.00	26.70 -0.27 0.00	32.80 0.55 0.00	47.73 0.72 0.00	39.38 0.83 0.00	52.87 1.03 0.00	49.11 0.96 0.00	38.47 0.15 0.00	39.52 -0.01 0.00	33.95 0.17 0.00	48.42 -0.02 0.00	38.21 -0.26 0.00	36.70 -0.40 0.00	36.40 -0.89 0.00	63.27 -0.93 0.00	56.46 0.25 0.00	66.69 1.03 0.00	50.29 0.99 0.00	44.50 0.73 0.00	35.57 0.75 0.00	32.75 0.61 0.00	25.03 0.26 0.00
NYISO_LBMP_REFERENCE 24008	28.95 0.00 0.00	30.33 0.00 0.00	29.98 0.00 0.00	26.97 0.00 0.00	32.25 0.00 0.00	47.01 0.00 0.00	38.55 0.00 0.00	51.84 0.00 0.00	48.15 0.00 0.00	38.32 0.00 0.00	39.53 0.00 0.00	33.78 0.00 0.00	48.45 0.00 0.00	38.47 0.00 0.00	37.10 0.00 0.00	37.29 0.00 0.00	64.19 0.00 0.00	56.21 0.00 0.00	65.66 0.00 0.00	49.30 0.00 0.00	43.77 0.00 0.00	34.82 0.00 0.00	32.14 0.00 0.00	24.76 0.00 0.00

NYPA_BRENTWD____GT 24164	31.10 2.15 0.00	32.55 2.22 0.00	32.04 2.06 0.00	28.73 1.76 0.00	34.23 1.98 0.00	49.69 2.68 0.00	40.95 2.40 0.00	54.48 2.64 0.00	50.27 2.73 0.60	40.94 2.62 0.00	42.59 3.06 0.00	39.99 2.49 -3.73	52.47 3.13 -0.90	40.53 2.57 0.51	39.48 2.38 0.00	39.93 2.63 0.00	69.30 5.10 0.00	60.68 4.47 0.00	71.00 5.34 0.00	53.08 3.78 0.00	46.66 2.89 0.00	37.20 2.38 0.00	34.17 2.03 0.00	26.11 1.35 0.00
NYPA_GOWANUS____GT5 24156	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.74 -63.79	69.19 4.99 0.00	60.52 4.31 0.00	70.79 5.12 0.00	52.86 3.56 0.00	46.52 2.75 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NYPA_GOWANUS____GT6 24157	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.58 0.00	28.36 1.39 0.00	33.73 1.47 0.00	49.17 2.16 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.26 2.73 0.00	39.71 2.24 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.74 -63.79	69.19 4.99 0.00	60.52 4.31 0.00	70.79 5.12 0.00	52.86 3.56 0.00	46.52 2.75 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00
NYPA_HARLEM__RVR__GT1 24160	30.64 1.69 0.00	31.96 1.64 0.00	31.49 1.51 0.00	28.29 1.32 0.00	33.67 1.41 0.00	49.04 2.03 0.00	40.60 2.05 0.00	54.58 2.74 0.00	51.07 2.92 0.00	40.49 2.17 0.00	41.96 2.43 0.01	39.46 2.00 -3.68	52.23 2.90 -0.88	40.81 2.33 0.00	39.33 2.22 -0.01	39.69 2.40 0.00	68.73 4.54 0.00	60.02 3.81 0.00	70.20 4.54 0.00	52.48 3.18 0.00	46.18 2.41 0.00	36.88 2.05 -0.01	33.96 1.81 -0.01	26.07 1.30 0.00
NYPA_HARLEM__RVR__GT2 24161	30.64 1.69 0.00	31.96 1.64 0.00	31.49 1.51 0.00	28.29 1.32 0.00	33.67 1.41 0.00	49.04 2.03 0.00	40.60 2.05 0.00	54.58 2.74 0.00	51.07 2.92 0.00	40.49 2.17 0.00	41.96 2.43 0.01	39.46 2.00 -3.68	52.23 2.90 -0.88	40.81 2.33 0.00	39.33 2.22 -0.01	39.69 2.40 0.00	68.73 4.54 0.00	60.02 3.81 0.00	70.20 4.54 0.00	52.48 3.18 0.00	46.18 2.41 0.00	36.88 2.05 -0.01	33.96 1.81 -0.01	26.07 1.30 0.00
NYPA_KENT____GT 24152	30.73 1.78 0.00	32.04 1.71 0.00	31.59 1.60 0.00	28.38 1.41 0.00	33.75 1.50 0.00	49.19 2.17 0.00	40.74 2.18 0.00	54.80 2.96 0.00	51.28 3.13 0.00	40.70 2.38 0.00	42.23 2.69 0.00	39.68 2.21 -3.69	52.52 3.19 -0.89	42.19 2.60 -1.12	40.27 2.50 -0.68	103.76 2.67 -63.79	69.07 4.87 0.00	60.41 4.20 0.00	70.66 5.00 0.00	52.76 3.46 0.00	46.43 2.66 0.00	37.05 2.22 -0.01	34.13 1.99 -0.01	26.20 1.43 0.00
NYPA_POUCH1____GT 24155	30.57 1.62 0.00	31.87 1.55 0.00	31.44 1.46 0.00	28.25 1.28 0.00	33.56 1.31 0.00	48.93 1.92 0.01	40.60 2.05 0.00	54.66 2.81 0.00	49.78 3.00 1.37	36.12 2.19 4.39	41.72 2.54 0.35	39.20 2.06 -3.36	51.95 2.97 -0.54	39.00 2.42 1.88	39.47 2.38 0.01	38.16 2.55 1.69	68.49 4.69 0.40	60.27 4.07 0.01	70.51 4.84 0.00	52.64 3.33 0.00	46.35 2.58 0.00	36.98 2.15 -0.01	34.08 1.94 -0.01	26.14 1.37 0.00
NYPA_VERNON____GT2 24162	30.73 1.78 0.00	32.05 1.72 0.00	31.61 1.62 0.00	28.39 1.42 0.00	33.78 1.52 0.00	49.20 2.19 0.00	40.72 2.17 0.00	54.75 2.91 0.00	51.25 3.10 0.00	40.65 2.34 0.00	42.17 2.64 0.00	39.65 2.18 -3.69	52.47 3.14 -0.89	42.17 2.58 -1.12	40.24 2.46 -0.68	103.72 2.63 -63.79	69.00 4.80 0.00	60.34 4.14 0.00	70.59 4.93 0.00	52.70 3.40 0.00	46.36 2.59 0.00	36.98 2.15 -0.01	34.08 1.94 -0.01	26.19 1.42 0.00
NYPA_VERNON____GT3 24163	30.73 1.78 0.00	32.05 1.72 0.00	31.61 1.62 0.00	28.39 1.42 0.00	33.78 1.52 0.00	49.20 2.19 0.00	40.72 2.17 0.00	54.75 2.91 0.00	51.25 3.10 0.00	40.65 2.34 0.00	42.17 2.64 0.00	39.65 2.18 -3.69	52.47 3.14 -0.89	42.17 2.58 -1.12	40.24 2.46 -0.68	103.72 2.63 -63.79	69.00 4.80 0.00	60.34 4.14 0.00	70.59 4.93 0.00	52.70 3.40 0.00	46.36 2.59 0.00	36.98 2.15 -0.01	34.08 1.94 -0.01	26.19 1.42 0.00
NYPA__ASTORIA_CC1 323568	30.73 1.78 0.00	32.05 1.73 0.00	31.60 1.61 0.00	28.39 1.42 0.00	33.77 1.52 0.00	49.17 2.16 0.00	40.69 2.14 0.00	54.69 2.84 0.00	51.18 3.03 0.00	40.61 2.30 0.00	42.13 2.59 0.00	39.62 2.14 -3.69	52.43 3.10 -0.89	42.11 2.53 -1.12	40.19 2.41 -0.68	103.66 2.58 -63.79	68.90 4.71 0.00	60.28 4.08 0.00	70.50 4.84 0.00	52.62 3.32 0.00	46.31 2.54 0.00	36.94 2.11 -0.01	34.06 1.92 -0.01	26.18 1.41 0.00
NYPA__ASTORIA_CC2 323569	30.73 1.78 0.00	32.05 1.73 0.00	31.60 1.61 0.00	28.39 1.42 0.00	33.77 1.52 0.00	49.17 2.16 0.00	40.69 2.14 0.00	54.69 2.84 0.00	51.18 3.03 0.00	40.61 2.30 0.00	42.13 2.59 0.00	39.62 2.14 -3.69	52.43 3.10 -0.89	42.11 2.53 -1.12	40.19 2.41 -0.68	103.66 2.58 -63.79	68.90 4.71 0.00	60.28 4.08 0.00	70.50 4.84 0.00	52.62 3.32 0.00	46.31 2.54 0.00	36.94 2.11 -0.01	34.06 1.92 -0.01	26.18 1.41 0.00
NYPA__HOLTSVILL 23794	30.90 1.94 0.00	32.33 2.01 0.00	31.83 1.86 0.00	28.55 1.58 0.00	34.00 1.74 0.00	49.31 2.30 0.00	40.64 2.08 0.00	54.08 2.25 0.00	49.91 2.38 0.61	40.60 2.28 0.00	42.24 2.71 0.00	39.73 2.22 -3.73	52.13 2.79 -0.90	40.15 2.21 0.52	39.10 2.00 0.00	39.55 2.26 0.00	68.79 4.60 0.00	60.39 4.18 0.00	70.67 5.01 0.00	52.83 3.53 0.00	46.40 2.63 0.00	36.95 2.12 0.00	33.92 1.78 0.00	25.95 1.18 0.00
NYPA__HELLGATE_GT1 24158	30.64 1.69 0.00	31.96 1.64 0.00	31.49 1.51 0.00	28.29 1.32 0.00	33.67 1.41 0.00	49.04 2.03 0.00	40.60 2.05 0.00	54.56 2.72 0.00	51.02 2.88 0.00	40.45 2.13 0.00	41.96 2.43 0.01	39.46 2.00 -3.68	52.23 2.90 -0.88	40.81 2.33 0.00	39.33 2.22 -0.01	39.69 2.40 0.00	68.73 4.54 0.00	60.02 3.81 0.00	70.20 4.54 0.00	52.48 3.18 0.00	46.18 2.41 0.00	36.87 2.04 -0.01	33.96 1.81 -0.01	26.07 1.30 0.00
NYPA__HELLGATE_GT2 24159	30.64 1.69 0.00	31.96 1.64 0.00	31.49 1.51 0.00	28.29 1.32 0.00	33.67 1.41 0.00	49.04 2.03 0.00	40.60 2.05 0.00	54.56 2.72 0.00	51.02 2.88 0.00	40.45 2.13 0.00	41.96 2.43 0.01	39.46 2.00 -3.68	52.23 2.90 -0.88	40.81 2.33 0.00	39.33 2.22 -0.01	39.69 2.40 0.00	68.73 4.54 0.00	60.02 3.81 0.00	70.20 4.54 0.00	52.48 3.18 0.00	46.18 2.41 0.00	36.87 2.04 -0.01	33.96 1.81 -0.01	26.07 1.30 0.00
NYS_BARGE__HYD 23848	27.56 -1.39 0.00	29.00 -1.33 0.00	28.60 -1.38 0.00	25.83 -1.14 0.00	30.91 -1.34 0.00	46.19 -0.82 0.00	37.18 -1.38 0.00	49.72 -2.13 0.00	45.86 -2.29 0.00	36.79 -1.53 0.00	38.65 -1.67 -0.79	33.15 -1.44 -0.81	52.10 -1.79 -5.45	40.24 -1.37 -3.14	35.44 -1.66 0.00	34.85 -2.39 0.06	56.88 -5.09 2.22	47.43 -4.10 4.68	62.12 -3.55 0.00	46.56 -2.74 0.00	41.06 -2.71 0.00	32.59 -2.24 0.00	30.57 -1.57 0.00	24.05 -0.71 0.00

OAK ORCHARD___HYD 24046	28.58 -0.37 0.00	29.97 -0.35 0.00	29.57 -0.41 0.00	26.64 -0.33 0.00	31.90 -0.35 0.00	47.23 0.22 0.00	38.40 -0.15 0.00	51.55 -0.29 0.00	47.73 -0.42 0.00	38.07 -0.25 0.00	39.01 -0.23 0.30	33.31 -0.16 0.30	46.34 -0.08 2.03	37.26 -0.04 1.17	36.84 -0.26 0.00	36.53 -0.72 0.04	60.59 -1.91 1.70	51.24 -1.32 3.65	65.09 -0.57 0.00	48.82 -0.49 0.00	43.08 -0.69 0.00	34.12 -0.70 0.00	31.74 -0.40 0.00	24.71 -0.05 0.00
OAKDALE___35_KV_LOAD 356122	28.98 0.03 0.00	30.30 -0.03 0.00	29.94 -0.05 0.00	26.92 -0.05 0.00	32.13 -0.13 0.00	47.06 0.05 0.00	38.58 0.03 0.00	51.93 0.09 0.00	48.38 0.23 0.00	38.33 0.00 0.00	40.22 0.15 -0.53	34.42 0.10 -0.54	52.37 0.24 -3.68	40.82 0.23 -2.12	37.29 0.19 0.00	37.44 0.12 -0.02	65.34 0.20 -0.95	58.39 0.17 -2.01	66.29 0.63 0.00	49.68 0.37 0.00	43.86 0.09 0.00	34.84 0.02 0.00	32.20 0.06 0.00	24.83 0.06 0.00
OCC_CHEM___DRP 24175	27.15 -1.80 0.00	28.59 -1.74 0.00	28.21 -1.77 0.00	25.46 -1.51 0.00	30.51 -1.74 0.00	45.57 -1.44 0.00	36.62 -1.93 0.00	48.87 -2.97 0.00	45.04 -3.11 0.00	36.22 -2.10 0.00	36.71 -2.21 0.62	31.28 -1.87 0.63	41.77 -2.41 4.26	34.08 -1.93 2.46	34.95 -2.15 0.00	34.36 -2.87 0.06	55.88 -6.03 2.29	46.43 -5.00 4.78	60.99 -4.68 0.00	45.71 -3.60 0.00	40.34 -3.43 0.00	32.05 -2.77 0.00	30.15 -1.99 0.00	23.74 -1.02 0.00
OH_GEN_PROXY 24063	27.40 -1.55 0.00	28.83 -1.49 0.00	28.44 -1.54 0.00	25.67 -1.30 0.00	30.75 -1.50 0.00	45.87 -1.15 0.00	36.96 -1.59 0.00	49.42 -2.43 0.00	45.58 -2.57 0.00	36.53 -1.79 0.00	36.05 -1.84 1.65	30.52 -1.57 1.69	35.07 -1.99 11.38	30.32 -1.58 6.56	35.29 -1.81 0.00	34.74 -2.50 0.06	56.72 -5.26 2.21	47.22 -4.36 4.63	61.76 -3.90 0.00	46.28 -3.02 0.00	40.82 -2.95 0.00	32.39 -2.44 0.00	30.39 -1.75 0.00	23.89 -0.87 0.00
OLIN_CORP_DRP 24177	27.14 -1.81 0.00	28.57 -1.75 0.00	28.19 -1.80 0.00	25.46 -1.51 0.00	30.47 -1.78 0.00	45.54 -1.47 0.00	36.58 -1.98 0.00	48.86 -2.98 0.00	45.02 -3.12 0.00	36.20 -2.12 0.00	38.09 -2.29 -0.84	32.67 -1.97 -0.87	51.74 -2.54 -5.84	39.84 -2.00 -3.37	34.88 -2.22 0.00	34.29 -2.94 0.06	55.80 -6.08 2.32	46.36 -4.98 4.86	60.96 -4.70 0.00	45.69 -3.61 0.00	40.32 -3.45 0.00	32.05 -2.78 0.00	30.10 -2.04 0.00	23.71 -1.05 0.00
OLIN_CORP_DSASP 323712	27.14 -1.81 0.00	28.59 -1.74 0.00	28.21 -1.78 0.00	25.46 -1.51 0.00	30.51 -1.74 0.00	45.56 -1.45 0.00	36.62 -1.93 0.00	48.87 -2.97 0.00	45.04 -3.11 0.00	36.22 -2.10 0.00	36.72 -2.20 0.62	31.29 -1.85 0.63	41.77 -2.41 4.26	34.08 -1.93 2.46	34.95 -2.15 0.00	34.37 -2.87 0.06	55.90 -6.01 2.29	46.45 -4.98 4.78	60.97 -4.69 0.00	45.71 -3.60 0.00	40.35 -3.43 0.00	32.05 -2.77 0.00	30.15 -1.99 0.00	23.74 -1.02 0.00
ONEIDA_HERK_LFGE 323681	28.96 0.01 0.00	30.36 0.04 0.00	30.06 0.07 0.00	27.16 0.19 0.00	32.84 0.59 0.00	47.91 0.90 0.00	39.46 0.91 0.00	53.08 1.24 0.00	49.29 1.14 0.00	38.84 0.52 0.00	40.01 0.48 0.00	34.34 0.56 0.00	49.10 0.65 0.00	38.90 0.43 0.00	37.47 0.37 0.00	37.43 0.13 0.00	64.74 0.54 0.00	57.21 1.00 0.00	67.28 1.61 0.00	50.60 1.29 0.00	44.77 1.00 0.00	35.63 0.80 0.00	32.83 0.69 0.00	25.17 0.41 0.00
ONEIDA___115KV_TB4 55905	29.39 0.44 0.00	30.77 0.44 0.00	30.42 0.43 0.00	27.39 0.42 0.00	32.85 0.59 0.00	48.02 1.00 0.00	39.57 1.02 0.00	53.25 1.41 0.00	49.46 1.31 0.00	38.99 0.67 0.00	40.24 0.70 0.00	34.58 0.81 0.00	49.50 1.06 0.00	39.34 0.87 0.00	37.88 0.77 0.00	37.89 0.59 0.00	65.46 1.27 0.00	57.63 1.38 -0.05	67.67 2.01 0.00	50.83 1.53 0.00	44.92 1.15 0.00	35.66 0.83 0.00	32.87 0.73 0.00	25.26 0.50 0.00
ONONDAGA_REF_OCCRA 23987	28.77 -0.18 0.00	30.12 -0.21 0.00	29.77 -0.22 0.00	26.78 -0.19 0.00	32.02 -0.23 0.00	46.81 -0.20 0.00	38.35 -0.21 0.00	51.57 -0.27 0.00	47.91 -0.24 0.00	38.01 -0.31 0.00	39.30 -0.23 0.00	33.58 -0.19 0.00	48.24 -0.20 0.00	38.30 -0.17 0.00	36.90 -0.20 0.00	37.03 -0.28 -0.01	64.20 -0.55 -0.55	57.07 -0.34 -1.20	65.67 0.01 0.00	49.27 -0.04 0.00	43.56 -0.21 0.00	34.56 -0.27 0.00	31.89 -0.25 0.00	24.59 -0.17 0.00
ONONDAGA___COGEN 23986	28.75 -0.20 0.00	30.10 -0.23 0.00	29.74 -0.24 0.00	26.75 -0.23 0.00	31.99 -0.27 0.00	46.78 -0.23 0.00	38.27 -0.28 0.00	51.43 -0.41 0.00	47.76 -0.39 0.00	37.93 -0.39 0.00	39.22 -0.31 0.00	33.52 -0.26 0.00	48.10 -0.34 0.00	38.21 -0.26 0.00	36.82 -0.28 0.00	36.93 -0.36 0.00	63.49 -0.70 0.00	55.51 -0.45 0.25	65.50 -0.16 0.00	49.14 -0.17 0.00	43.47 -0.31 0.00	34.47 -0.35 0.00	31.82 -0.32 0.00	24.54 -0.23 0.00
ONTARIO___LFGE 23819	28.97 0.02 0.00	30.32 -0.01 0.00	29.90 -0.08 0.00	26.91 -0.07 0.00	32.20 -0.05 0.00	47.35 0.33 0.00	38.87 0.32 0.00	52.08 0.24 0.00	48.07 -0.08 0.00	38.11 -0.20 0.00	39.71 -0.13 -0.31	34.10 0.00 -0.32	50.53 -0.05 -2.14	39.82 0.12 -1.23	36.94 -0.15 0.00	36.75 -0.45 0.09	59.33 -1.36 3.51	47.64 -1.06 7.51	65.66 0.00 0.00	49.16 -0.15 0.00	43.22 -0.55 0.00	34.28 -0.54 0.00	31.84 -0.30 0.00	24.65 -0.11 0.00
ORANGEVILLE_WT_PWR 323706	27.81 -1.15 0.00	29.24 -1.08 0.00	28.81 -1.18 0.00	26.03 -0.94 0.00	31.18 -1.07 0.00	46.43 -0.59 0.00	37.65 -0.90 0.00	50.13 -1.71 0.00	46.03 -2.12 0.00	36.77 -1.55 0.00	42.34 -1.62 -4.42	36.89 -1.42 -4.53	77.25 -1.78 -30.58	54.79 -1.32 -17.64	35.45 -1.65 0.00	34.85 -2.36 0.09	56.06 -4.64 3.49	45.01 -3.81 7.38	62.66 -3.00 0.00	46.78 -2.52 0.00	41.10 -2.67 0.00	32.48 -2.35 0.00	30.42 -1.72 0.00	23.82 -0.95 0.00
ORANGEVILLE___ESR 323794	27.81 -1.15 0.00	29.24 -1.08 0.00	28.81 -1.18 0.00	26.03 -0.94 0.00	31.18 -1.07 0.00	46.43 -0.59 0.00	37.65 -0.90 0.00	50.13 -1.71 0.00	46.03 -2.12 0.00	36.77 -1.55 0.00	42.34 -1.62 -4.42	36.89 -1.42 -4.53	77.25 -1.78 -30.58	54.79 -1.32 -17.64	35.45 -1.65 0.00	34.85 -2.36 0.09	56.06 -4.64 3.49	45.01 -3.81 7.38	62.66 -3.00 0.00	46.78 -2.52 0.00	41.10 -2.67 0.00	32.48 -2.35 0.00	30.42 -1.72 0.00	23.82 -0.95 0.00
OSWEGATCHIE___HYD 24044	28.51 -0.45 0.00	29.90 -0.42 0.00	29.62 -0.36 0.00	26.82 -0.15 0.00	32.64 0.39 0.00	47.61 0.60 0.00	39.13 0.57 0.00	52.33 0.49 0.00	48.40 0.25 0.00	38.18 -0.14 0.00	39.05 -0.48 0.00	33.54 -0.23 0.00	47.94 -0.51 0.00	37.93 -0.55 0.00	36.39 -0.70 0.00	36.30 -1.00 0.00	62.92 -1.28 0.00	55.73 -0.48 0.00	65.57 -0.09 0.00	49.38 0.07 0.00	43.88 0.10 0.00	35.14 0.32 0.00	32.42 0.28 0.00	24.97 0.20 0.00
OSWEGO___5 23606	28.29 -0.66 0.00	29.63 -0.70 0.00	29.29 -0.69 0.00	26.35 -0.62 0.00	31.51 -0.75 0.00	46.02 -0.99 0.00	37.62 -0.93 0.00	50.58 -1.26 0.00	46.98 -1.17 0.00	37.33 -0.99 0.00	38.54 -0.99 0.00	32.94 -0.83 0.00	47.29 -1.16 0.00	37.54 -0.93 0.00	36.17 -1.00 0.00	36.30 -1.00 0.00	62.39 -1.80 0.00	54.74 -1.47 0.00	64.25 -1.41 0.00	48.21 -1.09 0.00	42.69 -1.08 0.00	33.91 -0.92 0.00	31.32 -0.82 0.00	24.17 -0.59 0.00

OSWEGO___6 23613	28.29 -0.66 0.00	29.63 -0.70 0.00	29.29 -0.69 0.00	26.35 -0.62 0.00	31.51 -0.75 0.00	46.02 -0.99 0.00	37.62 -0.93 0.00	50.58 -1.26 0.00	46.98 -1.17 0.00	37.33 -0.99 0.00	38.54 -0.99 0.00	32.94 -0.83 0.00	47.29 -1.16 0.00	37.54 -0.93 0.00	36.17 -0.93 0.00	36.30 -1.00 0.00	62.39 -1.80 0.00	54.74 -1.47 0.00	64.25 -1.41 0.00	48.21 -1.09 0.00	42.69 -1.08 0.00	33.91 -0.92 0.00	31.32 -0.82 0.00	24.17 -0.59 0.00
OUTOKUMPU-AB___DRP 24206	27.79 -1.16 0.00	29.23 -1.09 0.00	28.83 -1.15 0.00	26.04 -0.94 0.00	31.17 -1.09 0.00	46.54 -0.48 0.00	37.51 -1.04 0.00	50.16 -1.68 0.00	46.28 -1.87 0.00	37.10 -1.21 0.00	40.15 -1.29 -1.90	34.61 -1.12 -1.95	60.26 -1.32 -13.13	45.03 -1.02 -7.57	35.80 -1.30 0.00	35.20 -2.03 0.06	57.37 -4.48 2.35	47.67 -3.61 4.94	62.70 -2.97 0.00	46.98 -2.33 0.00	41.41 -2.36 0.00	32.85 -1.98 0.00	30.82 -1.32 0.00	24.24 -0.53 0.00
OXBOW___BTM 323836	27.51 -1.44 0.00	28.96 -1.37 0.00	28.57 -1.41 0.00	25.80 -1.17 0.00	30.89 -1.36 0.00	46.12 -0.89 0.00	37.13 -1.42 0.00	49.63 -2.21 0.00	45.76 -2.39 0.00	36.74 -1.58 0.00	38.53 -1.66 -0.65	33.04 -1.40 -0.67	51.21 -1.76 -4.53	39.69 -1.39 -2.61	35.45 -1.65 0.00	34.87 -2.36 0.06	56.76 -5.12 2.32	47.18 -4.17 4.86	61.96 -3.70 0.00	46.45 -2.85 0.00	40.98 -2.80 0.00	32.53 -2.30 0.00	30.55 -1.59 0.00	24.03 -0.73 0.00
OXBOW____ 24026	27.52 -1.43 0.00	28.96 -1.37 0.00	28.57 -1.41 0.00	25.80 -1.18 0.00	30.89 -1.36 0.00	46.13 -0.88 0.00	37.13 -1.42 0.00	49.62 -2.22 0.00	45.76 -2.39 0.00	36.74 -1.58 0.00	38.52 -1.67 -0.65	33.02 -1.42 -0.67	51.22 -1.76 -4.53	39.69 -1.39 -2.61	35.45 -1.65 0.00	34.87 -2.37 0.06	56.74 -5.14 2.32	47.17 -4.18 4.86	61.98 -3.68 0.00	46.45 -2.85 0.00	40.98 -2.80 0.00	32.52 -2.30 0.00	30.55 -1.59 0.00	24.03 -0.73 0.00
OXY_CHEM_DSASP 323612	27.15 -1.80 0.00	28.59 -1.74 0.00	28.21 -1.77 0.00	25.46 -1.51 0.00	30.51 -1.74 0.00	45.57 -1.44 0.00	36.62 -1.93 0.00	48.87 -2.97 0.00	45.04 -3.11 0.00	36.22 -2.10 0.00	36.71 -2.21 0.62	31.28 -1.87 0.63	41.77 -2.41 4.26	34.08 -1.93 2.46	34.95 -2.15 0.00	34.36 -2.87 0.06	55.88 -6.03 2.29	46.43 -5.00 4.78	60.99 -4.68 0.00	45.71 -3.60 0.00	40.34 -3.43 0.00	32.05 -2.77 0.00	30.15 -1.99 0.00	23.74 -1.02 0.00
OZONE_PARK_ESR 323760	30.86 1.91 0.00	32.18 1.86 0.00	31.72 1.74 0.00	28.50 1.52 0.00	33.89 1.64 0.00	49.42 2.41 0.00	40.91 2.36 0.00	55.04 3.20 0.00	51.50 3.35 0.00	40.85 2.54 0.00	42.37 2.83 0.00	39.80 2.33 -3.69	52.69 3.36 -0.89	41.24 2.78 0.00	39.77 2.67 0.00	40.14 2.85 0.00	69.37 5.17 0.00	60.68 4.47 0.00	71.00 5.34 0.00	53.05 3.74 0.00	46.63 2.86 0.00	37.13 2.31 0.00	34.21 2.07 0.00	26.28 1.52 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	27.15 -1.80 0.00	28.59 -1.74 0.00	28.21 -1.77 0.00	25.46 -1.51 0.00	30.51 -1.74 0.00	45.57 -1.44 0.00	36.62 -1.93 0.00	48.87 -2.97 0.00	45.04 -3.11 0.00	36.22 -2.10 0.00	36.71 -2.21 0.62	31.28 -1.87 0.63	41.77 -2.41 4.26	34.08 -1.93 2.46	34.95 -2.15 0.00	34.36 -2.87 0.06	55.88 -6.03 2.29	46.43 -5.00 4.78	60.99 -4.68 0.00	45.71 -3.60 0.00	40.34 -3.43 0.00	32.05 -2.77 0.00	30.15 -1.99 0.00	23.74 -1.02 0.00
PACKARD__115KV_DUPONT_184 80571	27.15 -1.80 0.00	28.59 -1.74 0.00	28.21 -1.77 0.00	25.46 -1.51 0.00	30.51 -1.74 0.00	45.57 -1.44 0.00	36.62 -1.93 0.00	48.87 -2.97 0.00	45.04 -3.11 0.00	36.22 -2.10 0.00	36.71 -2.21 0.62	31.28 -1.87 0.63	41.77 -2.41 4.26	34.08 -1.93 2.46	34.95 -2.15 0.00	34.36 -2.87 0.06	55.88 -6.03 2.29	46.43 -5.00 4.78	60.99 -4.68 0.00	45.71 -3.60 0.00	40.34 -3.43 0.00	32.05 -2.77 0.00	30.15 -1.99 0.00	23.74 -1.02 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.67 1.72 0.00	32.00 1.68 0.00	31.55 1.57 0.00	28.35 1.38 0.00	33.74 1.49 0.00	49.14 2.13 0.00	40.66 2.11 0.00	54.64 2.80 0.00	51.09 2.94 0.00	40.50 2.18 0.00	41.99 2.46 0.00	39.50 2.03 -3.69	52.25 2.92 -0.89	40.87 2.40 0.00	39.40 2.29 -0.01	39.75 2.45 0.00	68.80 4.60 0.00	60.13 3.93 0.00	70.36 4.70 0.00	52.60 3.30 0.00	46.30 2.53 0.00	36.92 2.09 -0.01	33.99 1.84 -0.01	26.10 1.33 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.68 1.73 0.00	32.04 1.72 0.00	31.62 1.64 0.00	28.43 1.46 0.00	33.84 1.59 0.00	49.32 2.31 0.00	40.77 2.21 0.00	54.79 2.95 0.00	51.18 3.03 0.00	40.58 2.26 0.00	42.00 2.47 0.00	39.52 2.05 -3.69	52.28 2.95 -0.89	40.90 2.43 0.00	39.43 2.33 -0.01	39.78 2.49 0.00	68.86 4.66 0.00	60.15 3.94 0.00	70.45 4.79 0.00	52.67 3.36 0.00	46.31 2.54 0.00	36.97 2.14 -0.01	34.00 1.85 -0.01	26.10 1.34 0.00
PATROON__115KV_TB1 80586	29.63 0.68 0.00	31.02 0.70 0.00	30.70 0.71 0.00	27.58 0.61 0.00	32.91 0.66 0.00	47.87 0.85 0.00	39.42 0.87 0.00	53.23 1.39 0.00	49.59 1.44 0.00	39.26 0.94 0.00	40.53 0.99 0.00	34.57 0.79 0.00	49.57 1.12 0.00	39.34 0.87 0.00	38.02 0.92 0.00	38.33 1.04 0.00	66.22 2.03 0.00	58.15 1.94 0.00	68.02 2.36 0.00	51.01 1.70 0.00	45.03 1.26 0.00	35.75 0.93 0.00	32.90 0.76 0.00	25.21 0.45 0.00
PATTRSNVILLE__SOLAR 323815	30.00 1.05 0.00	31.43 1.10 0.00	31.09 1.11 0.00	27.96 0.99 0.00	33.41 1.16 0.00	48.68 1.67 0.00	40.13 1.58 0.00	54.09 2.25 0.00	50.16 2.01 0.00	39.39 1.07 0.00	40.43 0.90 0.00	34.50 0.72 0.00	49.49 1.04 0.00	39.47 1.00 0.00	38.25 1.15 0.00	38.52 1.22 0.00	66.69 2.49 0.00	58.46 2.25 0.00	68.69 3.02 0.00	51.57 2.27 0.00	45.61 1.84 0.00	36.24 1.41 0.00	33.38 1.24 0.00	25.65 0.89 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	28.25 -0.70 0.00	29.65 -0.68 0.00	29.22 -0.76 0.00	26.35 -0.63 0.00	31.55 -0.70 0.00	47.02 0.01 0.00	38.06 -0.49 0.00	50.93 -0.91 0.00	46.98 -1.17 0.00	37.55 -0.77 0.00	43.63 -0.80 -4.90	37.99 -0.81 -5.02	81.40 -0.91 -33.87	57.45 -0.55 -19.53	36.24 -0.86 0.00	35.64 -1.59 0.06	58.22 -3.43 2.55	47.99 -2.85 5.37	63.64 -2.02 0.00	47.63 -1.67 0.00	41.95 -1.82 0.00	33.25 -1.58 0.00	31.12 -1.02 0.00	24.40 -0.37 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	30.58 1.63 0.00	31.91 1.59 0.00	31.49 1.50 0.00	28.28 1.31 0.00	33.69 1.44 0.00	49.11 2.09 0.00	40.62 2.07 0.00	54.72 2.88 0.00	51.14 2.99 0.00	40.54 2.22 0.00	41.96 2.43 0.00	37.01 1.97 -1.27	51.59 2.84 -0.31	40.80 2.33 0.00	39.35 2.25 0.00	39.70 2.41 0.00	68.62 4.43 0.00	60.11 3.90 0.00	70.42 4.76 0.00	52.67 3.37 0.00	46.33 2.56 0.00	36.84 2.01 0.00	33.91 1.77 0.00	26.01 1.24 0.00
PEEKSKILL____ 23653	30.33 1.38 0.00	31.65 1.32 0.00	31.20 1.22 0.00	28.03 1.05 0.00	33.37 1.12 0.00	48.65 1.64 0.00	40.21 1.66 0.00	54.07 2.23 0.00	50.54 2.39 0.00	40.03 1.71 0.00	41.45 1.92 0.00	67.14 1.54 -31.82	58.29 2.20 -7.65	40.32 1.86 0.00	38.87 1.77 0.00	39.23 1.94 0.00	67.89 3.70 0.00	59.40 3.19 0.00	69.53 3.86 0.00	51.97 2.67 0.00	45.72 1.95 0.00	36.39 1.56 0.00	33.53 1.39 0.00	25.76 1.00 0.00

PGE MADISON___WINDPWR 24146	30.01 1.06 0.00	31.21 0.89 0.00	31.38 1.40 0.00	28.23 1.26 0.00	33.91 1.66 0.00	49.52 2.51 0.00	40.76 2.21 0.00	54.79 2.95 0.00	50.70 2.55 0.00	39.99 1.68 0.00	41.83 1.82 -0.48	36.14 1.88 -0.49	54.89 3.14 -3.30	42.31 1.93 -1.91	39.23 2.13 0.00	39.44 1.99 -0.15	73.74 3.57 -5.97	72.94 3.89 -12.85	71.06 5.40 0.00	53.10 3.80 0.00	46.66 2.88 0.00	36.90 2.08 0.00	34.02 1.88 0.00	26.28 1.51 0.00
PIERCEFIELD___HYD 23852	28.70 -0.25 0.00	30.11 -0.22 0.00	29.77 -0.21 0.00	26.85 -0.12 0.00	32.45 0.20 0.00	47.40 0.38 0.00	38.77 0.22 0.00	51.67 -0.16 0.00	47.68 -0.47 0.00	37.95 -0.36 0.00	38.72 -0.81 0.00	33.24 -0.54 0.00	47.50 -0.95 0.00	37.68 -0.79 0.00	36.14 -0.96 0.00	36.25 -1.05 0.00	62.62 -1.58 0.00	55.02 -1.19 0.00	64.30 -1.36 0.00	48.33 -0.98 0.00	43.14 -0.63 0.00	34.65 -0.17 0.00	32.07 -0.07 0.00	24.89 0.12 0.00
PINELAWN_CC_1 323563	30.90 1.95 0.00	32.30 1.98 0.00	31.65 1.67 0.00	28.31 1.34 0.00	33.71 1.46 0.00	48.94 1.93 0.00	40.35 1.80 0.00	53.77 1.94 0.00	49.79 2.19 0.55	40.39 2.07 0.00	42.02 2.49 0.00	39.49 1.98 -3.73	51.71 2.37 -0.90	39.96 1.95 0.46	38.97 1.87 0.00	39.45 2.15 0.00	68.31 4.12 0.00	59.64 3.44 0.00	69.88 4.21 0.00	52.26 2.96 0.00	46.05 2.27 0.00	36.74 1.91 0.00	34.00 1.86 0.00	26.02 1.25 0.00
PJM_GEN_HTP_PROXY 323702	30.56 1.61 0.00	31.87 1.55 0.00	31.43 1.45 0.00	28.23 1.26 0.00	33.59 1.34 0.00	49.84 1.95 -0.88	40.49 1.94 0.00	54.48 2.64 0.00	50.98 2.83 0.00	40.44 2.12 0.00	41.93 2.40 0.00	39.43 1.96 -3.70	54.88 2.82 -3.62	41.04 2.33 -0.24	39.32 2.22 0.00	39.79 2.39 -0.10	68.62 4.42 0.00	59.40 3.82 0.63	68.51 4.56 1.71	52.47 3.15 -0.01	46.24 2.35 -0.11	36.72 1.90 0.00	33.84 1.70 0.00	26.00 1.24 0.00
PJM_GEN_KEystone 24065	29.21 0.25 0.00	30.51 0.19 0.00	30.06 0.07 0.00	27.02 0.05 0.00	32.22 -0.04 0.00	48.23 0.33 -0.88	38.85 0.29 0.00	52.07 0.23 0.00	53.55 0.31 -5.09	37.16 -0.01 1.15	40.47 0.17 -0.77	31.87 0.05 1.96	56.19 0.18 -7.56	52.75 0.33 -13.95	37.23 0.13 0.00	38.99 -0.01 -1.71	63.12 -0.09 0.99	53.27 -0.22 2.71	97.51 0.41 -31.44	61.95 0.11 -12.53	32.62 -0.29 10.86	34.53 -0.30 0.00	32.05 -0.09 0.00	24.85 0.08 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.63 1.67 0.00	32.00 1.68 0.00	31.53 1.55 0.00	28.29 1.32 0.00	33.70 1.44 0.00	49.87 1.98 -0.88	40.40 1.85 0.00	53.99 2.16 0.00	49.87 2.38 0.66	40.36 2.04 0.00	41.93 2.40 0.00	39.45 1.95 -3.73	54.59 2.52 -3.62	40.22 2.07 0.32	39.08 1.98 0.00	39.58 2.18 -0.10	68.41 4.21 0.00	59.26 3.68 0.63	68.39 4.44 1.71	52.42 3.11 -0.01	46.18 2.30 -0.11	36.68 1.86 0.00	33.73 1.59 0.00	25.84 1.07 0.00
PJM_GEN_VFT_PROXY 323633	30.51 1.56 0.00	31.81 1.49 0.00	31.37 1.39 0.00	28.18 1.21 0.00	33.50 1.25 0.00	49.69 1.80 -0.88	40.37 1.82 0.00	54.22 2.38 0.00	49.33 2.56 1.38	35.83 1.90 4.39	41.40 2.21 0.34	38.95 1.80 -3.37	54.67 2.61 -3.62	40.91 2.20 -0.24	39.19 2.09 0.00	39.68 2.28 -0.10	68.42 4.23 0.00	59.21 3.63 0.63	68.28 4.33 1.71	52.29 2.97 -0.01	46.07 2.19 -0.11	36.64 1.81 0.00	33.77 1.63 0.00	25.99 1.23 0.00
PLATSBURG_115KV_PMLD1 355749	27.68 -1.27 0.00	29.08 -1.25 0.00	28.86 -1.13 0.00	25.95 -1.02 0.00	32.32 0.07 0.00	48.03 1.01 0.00	39.99 1.44 0.00	53.37 1.53 0.00	49.33 1.18 0.00	39.10 0.78 0.00	40.09 0.56 0.00	34.24 0.47 0.00	47.98 -0.46 0.00	38.39 -0.08 0.00	37.38 0.28 0.00	37.92 0.63 0.00	65.92 1.73 0.00	57.90 1.70 0.00	68.08 2.42 0.00	50.41 1.11 0.00	44.48 0.71 0.00	36.09 1.27 0.00	33.09 0.94 0.00	25.48 0.71 0.00
PLEASANTVLY___LBMP 24000	30.22 1.27 0.00	31.54 1.22 0.00	31.13 1.14 0.00	27.97 0.99 0.00	33.31 1.05 0.00	48.50 1.49 0.00	40.03 1.48 0.00	53.91 2.07 0.00	50.38 2.23 0.00	39.95 1.64 0.00	41.36 1.83 -1.71	36.97 1.48 -0.41	50.96 2.10 0.00	40.18 1.71 0.00	38.76 1.66 0.00	39.10 1.80 0.00	67.60 3.41 0.00	59.19 2.98 0.00	69.30 3.63 0.00	51.82 2.51 0.00	45.63 1.86 0.00	36.30 1.48 0.00	33.45 1.31 0.00	25.68 0.91 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.44 1.49 0.00	31.77 1.44 0.00	31.33 1.34 0.00	28.14 1.17 0.00	33.50 1.25 0.00	48.81 1.80 0.00	40.34 1.79 0.00	54.31 2.47 0.00	50.81 2.66 0.00	40.29 1.98 0.00	41.72 2.19 0.00	38.42 1.79 -2.85	51.66 2.53 -0.68	40.57 2.11 0.00	39.11 2.02 0.00	39.46 2.17 0.00	68.20 4.01 0.00	59.71 3.50 0.00	69.87 4.22 0.00	52.24 2.93 0.00	45.97 2.20 0.00	36.57 1.75 0.00	33.70 1.56 0.00	25.87 1.11 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	30.44 1.49 0.00	31.77 1.44 0.00	31.33 1.34 0.00	28.14 1.17 0.00	33.50 1.25 0.00	48.81 1.80 0.00	40.34 1.79 0.00	54.31 2.47 0.00	50.81 2.66 0.00	40.29 1.98 0.00	41.72 2.19 0.00	38.42 1.79 -2.85	51.66 2.53 -0.68	40.57 2.11 0.00	39.11 2.02 0.00	39.46 2.17 0.00	68.20 4.01 0.00	59.71 3.50 0.00	69.87 4.22 0.00	52.24 2.93 0.00	45.97 2.20 0.00	36.57 1.75 0.00	33.70 1.56 0.00	25.87 1.11 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.37 1.42 0.00	31.70 1.37 0.00	31.28 1.29 0.00	28.10 1.13 0.00	33.47 1.22 0.00	48.79 1.78 0.00	40.29 1.74 0.00	54.30 2.46 0.00	50.74 2.59 0.00	40.20 1.88 0.00	41.59 2.06 0.00	35.44 1.66 0.00	50.83 2.38 0.00	40.43 1.96 0.00	39.02 1.92 0.00	39.36 2.07 0.00	68.02 3.83 0.00	59.62 3.41 0.00	69.88 4.22 0.00	52.26 2.95 0.00	46.01 2.24 0.00	36.57 1.74 0.00	33.67 1.53 0.00	25.83 1.07 0.00
POLETTI___ 23519	30.58 1.63 0.00	31.89 1.56 0.00	31.44 1.46 0.00	28.24 1.27 0.00	33.59 1.34 0.00	48.97 1.96 0.00	40.52 1.97 0.00	54.48 2.64 0.00	50.97 2.82 0.00	40.44 2.12 0.00	41.94 2.40 0.00	39.44 1.97 -3.69	52.17 2.84 -0.89	40.84 2.37 0.00	39.36 2.26 0.00	39.73 2.43 0.00	68.67 4.47 0.00	60.06 3.85 0.00	70.28 4.62 0.00	52.48 3.18 0.00	46.14 2.37 0.00	36.76 1.93 0.00	33.87 1.73 0.00	26.04 1.27 0.00
POMONA___ESR 323819	30.22 1.27 0.00	31.52 1.20 0.00	31.06 1.08 0.00	27.91 0.94 0.00	33.23 0.98 0.00	48.49 1.48 0.00	40.10 1.54 0.00	53.88 2.04 0.00	50.31 2.16 0.00	39.72 1.40 0.00	41.11 1.58 0.00	28.90 1.25 6.12	48.76 1.79 1.47	40.08 1.61 0.00	38.60 1.50 0.00	38.99 1.70 0.00	67.55 3.35 0.00	59.04 2.83 0.00	69.11 3.44 0.00	51.66 2.36 0.00	45.46 1.68 0.00	36.15 1.32 0.00	33.32 1.19 0.00	25.64 0.87 0.00
PORT_JEFF_3 23555	30.96 2.01 0.00	32.39 2.07 0.00	31.90 1.92 0.00	28.60 1.63 0.00	34.07 1.82 0.00	49.43 2.42 0.00	40.74 2.19 0.00	54.21 2.37 0.00	49.96 2.42 0.61	40.70 2.38 0.00	42.36 2.83 0.00	39.83 2.33 -3.73	52.26 2.92 -0.90	40.25 2.30 0.52	39.20 2.10 0.00	39.66 2.36 0.00	68.99 4.79 0.00	60.49 4.29 0.00	70.79 5.13 0.00	52.91 3.61 0.00	46.49 2.71 0.00	37.05 2.23 0.00	34.01 1.87 0.00	26.01 1.25 0.00

PORT_JEFF_4 23616	30.96 2.01 0.00	32.39 2.07 0.00	31.90 1.92 0.00	28.60 1.63 0.00	34.07 1.82 0.00	49.43 2.42 0.00	40.74 2.19 0.00	54.21 2.37 0.00	49.96 2.42 0.61	40.70 2.38 0.00	42.36 2.83 0.00	39.83 2.33 -3.73	52.26 2.92 -0.90	40.25 2.30 0.52	39.20 2.10 0.00	39.66 2.36 0.00	68.99 4.79 0.00	60.49 4.29 0.00	70.79 5.13 0.00	52.91 3.61 0.00	46.49 2.71 0.00	37.05 2.23 0.00	34.01 1.87 0.00	26.01 1.25 0.00
PORT_JEFF_IC 23713	30.98 2.03 0.00	32.41 2.09 0.00	31.92 1.94 0.00	28.62 1.65 0.00	34.09 1.83 0.00	49.47 2.45 0.00	40.78 2.23 0.00	54.23 2.39 0.00	49.82 2.28 0.61	40.72 2.40 0.00	42.40 2.87 0.00	39.87 2.36 -3.73	52.30 2.96 -0.90	40.28 2.33 0.52	39.20 2.11 0.00	39.69 2.40 0.00	69.10 4.90 0.00	60.46 4.25 0.00	70.67 5.01 0.00	52.82 3.52 0.00	46.46 2.69 0.00	37.10 2.27 0.00	34.05 1.91 0.00	26.03 1.26 0.00
PPL PILGRIM_ST_GT1 24216	31.10 2.15 0.00	32.55 2.22 0.00	32.04 2.06 0.00	28.73 1.76 0.00	34.23 1.98 0.00	49.69 2.68 0.00	40.95 2.40 0.00	54.48 2.64 0.00	50.27 2.73 0.60	40.94 2.62 0.00	42.59 3.06 0.00	39.99 2.49 -3.73	52.47 3.13 -0.90	40.53 2.57 0.51	39.48 2.38 0.00	39.93 2.63 0.00	69.30 5.10 0.00	60.68 4.47 0.00	71.00 5.34 0.00	53.08 3.78 0.00	46.66 2.89 0.00	37.20 2.38 0.00	34.17 2.03 0.00	26.11 1.35 0.00
PPL PILGRIM_ST_GT2 24217	31.10 2.15 0.00	32.55 2.22 0.00	32.04 2.06 0.00	28.73 1.76 0.00	34.23 1.98 0.00	49.69 2.68 0.00	40.95 2.40 0.00	54.48 2.64 0.00	50.27 2.73 0.60	40.94 2.62 0.00	42.59 3.06 0.00	39.99 2.49 -3.73	52.47 3.13 -0.90	40.53 2.57 0.51	39.48 2.38 0.00	39.93 2.63 0.00	69.30 5.10 0.00	60.68 4.47 0.00	71.00 5.34 0.00	53.08 3.78 0.00	46.66 2.89 0.00	37.20 2.38 0.00	34.17 2.03 0.00	26.11 1.35 0.00
PPL_SHRM_GT3 24213	31.12 2.17 0.00	32.57 2.25 0.00	32.07 2.08 0.00	28.75 1.78 0.00	34.25 1.99 0.00	49.67 2.66 0.00	40.95 2.40 0.00	54.38 2.54 0.00	50.25 2.71 0.61	40.79 2.47 0.00	42.48 2.95 0.00	40.00 2.49 -3.73	52.57 3.22 -0.90	40.14 2.19 0.52	38.98 1.88 0.00	39.52 2.22 0.00	69.36 5.16 0.00	61.22 5.01 0.00	71.80 6.14 0.00	53.64 4.34 0.00	47.01 3.24 0.00	37.30 2.48 0.00	34.20 2.06 0.00	26.17 1.41 0.00
PPL_SHRM_GT4 24214	31.12 2.17 0.00	32.57 2.25 0.00	32.07 2.08 0.00	28.75 1.78 0.00	34.25 1.99 0.00	49.67 2.66 0.00	40.95 2.40 0.00	54.38 2.54 0.00	50.25 2.71 0.61	40.79 2.47 0.00	42.48 2.95 0.00	40.00 2.49 -3.73	52.57 3.22 -0.90	40.14 2.19 0.52	38.98 1.88 0.00	39.52 2.22 0.00	69.36 5.16 0.00	61.22 5.01 0.00	71.80 6.14 0.00	53.64 4.34 0.00	47.01 3.24 0.00	37.30 2.48 0.00	34.20 2.06 0.00	26.17 1.41 0.00
PROJECT___ORANGE 1 24174	28.63 -0.32 0.00	29.98 -0.35 0.00	29.62 -0.36 0.00	26.65 -0.32 0.00	31.86 -0.39 0.00	46.58 -0.43 0.00	38.12 -0.43 0.00	51.27 -0.57 0.00	47.62 -0.53 0.00	37.82 -0.50 0.00	39.10 -0.43 0.00	33.42 -0.36 0.00	48.00 -0.44 0.00	38.11 -0.36 0.00	36.71 -0.39 0.00	36.81 -0.48 0.00	63.27 -0.93 0.00	55.53 -0.67 0.00	65.25 -0.42 0.00	48.94 -0.36 0.00	43.29 -0.48 0.00	34.33 -0.49 0.00	31.70 -0.44 0.00	24.46 -0.30 0.00
PROJECT___ORANGE 2 24166	28.63 -0.32 0.00	29.98 -0.35 0.00	29.62 -0.36 0.00	26.65 -0.32 0.00	31.86 -0.39 0.00	46.58 -0.43 0.00	38.12 -0.43 0.00	51.27 -0.57 0.00	47.62 -0.53 0.00	37.82 -0.50 0.00	39.10 -0.43 0.00	33.42 -0.36 0.00	48.00 -0.44 0.00	38.11 -0.36 0.00	36.71 -0.39 0.00	36.81 -0.48 0.00	63.27 -0.93 0.00	55.53 -0.67 0.00	65.25 -0.42 0.00	48.94 -0.36 0.00	43.29 -0.48 0.00	34.33 -0.49 0.00	31.70 -0.44 0.00	24.46 -0.30 0.00
PUCKETT___SOLAR 323809	29.24 0.28 0.00	30.43 0.10 0.00	30.27 0.29 0.00	27.21 0.24 0.00	32.53 0.28 0.00	47.69 0.68 0.00	39.07 0.52 0.00	52.53 0.69 0.00	48.75 0.60 0.00	38.67 0.35 0.00	40.55 0.55 -0.47	34.70 0.44 -0.48	52.54 0.87 -3.23	40.97 0.64 -1.86	37.70 0.60 0.00	37.82 0.48 -0.05	66.94 0.96 -1.78	61.08 1.07 -3.81	67.32 1.66 0.00	50.40 1.10 0.00	44.42 0.64 0.00	35.27 0.44 0.00	32.61 0.47 0.00	25.15 0.38 0.00
PYRITES___HYD 24023	29.25 0.30 0.00	30.67 0.34 0.00	30.33 0.34 0.00	27.34 0.37 0.00	33.03 0.77 0.00	48.28 1.27 0.00	39.57 1.02 0.00	52.86 1.02 0.00	48.61 0.47 0.00	38.52 0.20 0.00	39.09 -0.45 0.00	33.77 -0.01 0.00	48.25 -0.19 0.00	38.51 0.04 0.00	36.89 -0.21 0.00	36.96 -0.33 0.00	64.05 -0.15 0.00	56.15 -0.06 0.00	65.82 0.16 0.00	49.51 0.21 0.00	44.21 0.44 0.00	35.42 0.59 0.00	32.73 0.59 0.00	25.35 0.59 0.00
QUAKERRD_115KV_BK1 80622	28.55 -0.40 0.00	29.93 -0.40 0.00	29.54 -0.44 0.00	26.60 -0.37 0.00	31.85 -0.41 0.00	47.03 0.02 0.00	38.31 -0.25 0.00	51.45 -0.39 0.00	47.65 -0.50 0.00	37.97 -0.35 0.00	38.90 -0.30 0.33	33.22 -0.22 0.33	45.99 -0.19 2.26	37.04 -0.13 1.31	36.79 -0.31 0.00	36.55 -0.70 0.04	60.70 -1.80 1.70	51.28 -1.29 3.64	65.03 -0.63 0.00	48.77 -0.53 0.00	43.06 -0.71 0.00	34.11 -0.72 0.00	31.68 -0.46 0.00	24.63 -0.14 0.00
QUEENSBRY_115KV_TB8 356137	30.85 1.90 0.00	32.27 1.95 0.00	31.99 2.01 0.00	28.77 1.80 0.00	34.47 2.22 0.00	50.16 3.15 0.00	41.34 2.79 0.00	55.85 4.01 0.00	52.13 3.98 0.00	41.00 2.69 0.00	42.50 2.96 0.00	36.12 2.34 0.00	51.65 3.21 0.00	40.88 2.41 0.00	39.46 2.36 0.00	39.79 2.50 0.00	68.94 4.74 0.00	60.66 4.45 0.00	71.19 5.53 0.00	53.61 4.30 0.00	47.36 3.59 0.00	37.45 2.63 0.00	34.43 2.29 0.00	26.32 1.56 0.00
RAMAPO___LBMP 323565	30.14 1.19 0.00	31.44 1.12 0.00	30.99 1.01 0.00	27.84 0.87 0.00	33.15 0.89 0.00	48.36 1.35 0.00	39.99 1.44 0.00	53.73 1.89 0.00	50.17 2.02 0.00	39.61 1.29 0.00	41.00 1.46 0.00	28.63 1.15 6.30	48.57 1.64 1.51	39.94 1.47 0.00	38.49 1.39 0.00	38.86 1.57 0.00	67.32 3.12 0.00	58.84 2.63 0.00	68.87 3.21 0.00	51.50 2.20 0.00	45.32 1.55 0.00	36.04 1.22 0.00	33.23 1.09 0.00	25.56 0.80 0.00
RANKINE____ 23646	27.99 -0.96 0.00	29.43 -0.90 0.00	29.02 -0.96 0.00	26.18 -0.79 0.00	31.34 -0.91 0.00	46.76 -0.25 0.00	37.77 -0.78 0.00	50.49 -1.35 0.00	46.54 -1.61 0.00	37.24 -1.08 0.00	44.45 -1.13 -6.05	38.91 -1.06 -6.20	89.00 -1.24 -41.79	61.73 -0.84 -24.10	35.94 -1.16 0.00	35.34 -1.89 0.06	57.56 -4.08 2.56	47.46 -3.37 5.37	63.09 -2.57 0.00	47.22 -2.08 0.00	41.60 -2.17 0.00	32.96 -1.86 0.00	30.88 -1.26 0.00	24.24 -0.52 0.00
RAVENSWOOD_GT2_1 24244	30.63 1.68 0.00	31.95 1.63 0.00	31.51 1.52 0.00	28.30 1.33 0.00	33.67 1.42 0.00	49.06 2.05 0.00	40.60 2.05 0.00	54.58 2.74 0.00	51.07 2.92 0.00	40.51 2.19 0.00	42.00 2.47 0.00	39.50 2.03 -3.69	52.26 2.92 -0.89	40.89 2.42 0.00	39.42 2.32 0.00	39.78 2.49 0.00	68.76 4.56 0.00	60.15 3.94 0.00	70.37 4.70 0.00	52.57 3.26 0.00	46.22 2.44 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.08 1.32 0.00

RAVENSWOOD_GT2_2 24245	30.63 1.68 0.00	31.95 1.63 0.00	31.51 1.52 0.00	28.30 1.33 0.00	33.67 1.42 0.00	49.06 2.05 0.00	40.60 2.05 0.00	54.58 2.74 0.00	51.07 2.92 0.00	40.51 2.19 0.00	42.00 2.47 0.00	39.50 2.03 -3.69	52.26 2.92 -0.89	40.89 2.42 0.00	39.42 2.32 0.00	39.78 2.49 0.00	68.76 4.56 0.00	60.15 3.94 0.00	70.37 4.70 0.00	52.57 3.26 0.00	46.22 2.44 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.08 1.32 0.00
RAVENSWOOD_GT2_3 24246	30.66 1.70 0.00	31.97 1.64 0.00	31.52 1.53 0.00	28.32 1.35 0.00	33.69 1.44 0.00	49.10 2.09 0.00	40.62 2.06 0.00	54.62 2.78 0.00	51.10 2.95 0.00	40.54 2.22 0.00	42.04 2.51 0.00	39.53 2.06 -3.69	52.30 2.97 -0.89	40.92 2.45 0.00	39.44 2.34 0.00	39.81 2.51 0.00	68.80 4.61 0.00	60.19 3.98 0.00	70.43 4.77 0.00	52.60 3.30 0.00	46.26 2.48 0.00	36.85 2.02 0.00	33.95 1.81 0.00	26.10 1.34 0.00
RAVENSWOOD_GT2_4 24247	30.66 1.70 0.00	31.97 1.64 0.00	31.52 1.53 0.00	28.32 1.35 0.00	33.69 1.44 0.00	49.10 2.09 0.00	40.62 2.06 0.00	54.62 2.78 0.00	51.10 2.95 0.00	40.54 2.22 0.00	42.04 2.51 0.00	39.53 2.06 -3.69	52.30 2.97 -0.89	40.92 2.45 0.00	39.44 2.34 0.00	39.81 2.51 0.00	68.80 4.61 0.00	60.19 3.98 0.00	70.43 4.77 0.00	52.60 3.30 0.00	46.26 2.48 0.00	36.85 2.02 0.00	33.95 1.81 0.00	26.10 1.34 0.00
RAVENSWOOD_GT3_1 24248	30.64 1.69 0.00	31.95 1.63 0.00	31.51 1.53 0.00	28.30 1.33 0.00	33.67 1.42 0.00	49.07 2.06 0.00	40.60 2.05 0.00	54.59 2.75 0.00	51.08 2.93 0.00	40.51 2.19 0.00	42.01 2.48 0.00	39.51 2.04 -3.69	52.26 2.93 -0.89	40.90 2.43 0.00	39.42 2.32 0.00	39.79 2.49 0.00	68.78 4.58 0.00	60.15 3.95 0.00	70.38 4.72 0.00	52.57 3.27 0.00	46.23 2.45 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.09 1.32 0.00
RAVENSWOOD_GT3_2 24249	30.64 1.69 0.00	31.95 1.63 0.00	31.51 1.53 0.00	28.30 1.33 0.00	33.67 1.42 0.00	49.07 2.06 0.00	40.60 2.05 0.00	54.59 2.75 0.00	51.08 2.93 0.00	40.51 2.19 0.00	42.01 2.48 0.00	39.51 2.04 -3.69	52.26 2.93 -0.89	40.90 2.43 0.00	39.42 2.32 0.00	39.79 2.49 0.00	68.78 4.58 0.00	60.15 3.95 0.00	70.38 4.72 0.00	52.57 3.27 0.00	46.23 2.45 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.09 1.32 0.00
RAVENSWOOD_GT3_3 24250	30.64 1.69 0.00	31.95 1.63 0.00	31.51 1.53 0.00	28.31 1.34 0.00	33.67 1.42 0.00	49.07 2.06 0.00	40.60 2.05 0.00	54.60 2.76 0.00	51.09 2.94 0.00	40.52 2.20 0.00	42.01 2.48 0.00	39.51 2.04 -3.69	52.26 2.93 -0.89	40.90 2.43 0.00	39.42 2.32 0.00	39.79 2.50 0.00	68.79 4.59 0.00	60.15 3.95 0.00	70.38 4.72 0.00	52.57 3.27 0.00	46.23 2.46 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.09 1.32 0.00
RAVENSWOOD_GT3_4 24251	30.64 1.69 0.00	31.95 1.63 0.00	31.51 1.53 0.00	28.31 1.34 0.00	33.67 1.42 0.00	49.07 2.06 0.00	40.60 2.05 0.00	54.60 2.76 0.00	51.09 2.94 0.00	40.52 2.20 0.00	42.01 2.48 0.00	39.51 2.04 -3.69	52.26 2.93 -0.89	40.90 2.43 0.00	39.42 2.32 0.00	39.79 2.50 0.00	68.79 4.59 0.00	60.15 3.95 0.00	70.38 4.72 0.00	52.57 3.27 0.00	46.23 2.46 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.09 1.32 0.00
RAVENSWOOD_GT_1 23729	30.73 1.78 0.00	32.05 1.72 0.00	31.61 1.62 0.00	28.39 1.42 0.00	33.78 1.52 0.00	49.20 2.19 0.00	40.73 2.17 0.00	54.75 2.91 0.00	51.25 3.10 0.00	40.65 2.33 0.00	42.18 2.64 0.00	39.65 2.18 -3.69	52.47 3.14 -0.89	42.17 2.58 -1.12	40.24 2.46 -0.68	103.72 2.63 -63.79	69.00 4.81 0.00	60.34 4.14 0.00	70.59 4.94 0.00	52.70 3.39 0.00	46.36 2.59 0.00	36.98 2.15 -0.01	34.08 1.94 -0.01	26.19 1.42 0.00
RAVENSWOOD_GT_10 24258	30.63 1.68 0.00	31.95 1.63 0.00	31.50 1.52 0.00	28.30 1.33 0.00	33.67 1.41 0.00	49.06 2.05 0.00	40.60 2.05 0.00	54.58 2.74 0.00	51.07 2.92 0.00	40.51 2.19 0.00	42.00 2.47 0.00	39.50 2.03 -3.69	52.26 2.92 -0.89	41.02 2.42 -0.13	39.50 2.32 -0.08	47.14 2.49 -7.36	68.76 4.56 0.00	60.15 3.94 0.00	70.37 4.70 0.00	52.57 3.26 0.00	46.22 2.45 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.08 1.32 0.00
RAVENSWOOD_GT_11 24259	30.63 1.68 0.00	31.95 1.63 0.00	31.50 1.52 0.00	28.30 1.33 0.00	33.67 1.41 0.00	49.06 2.05 0.00	40.60 2.05 0.00	54.58 2.74 0.00	51.07 2.92 0.00	40.51 2.19 0.00	42.00 2.47 0.00	39.50 2.03 -3.69	52.26 2.92 -0.89	41.02 2.42 -0.13	39.50 2.32 -0.08	47.14 2.49 -7.36	68.76 4.56 0.00	60.15 3.94 0.00	70.37 4.70 0.00	52.57 3.26 0.00	46.22 2.45 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.08 1.32 0.00
RAVENSWOOD_GT_4 24252	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.65 1.39 0.00	49.04 2.03 0.00	40.56 2.01 0.00	54.56 2.72 0.00	51.04 2.89 0.00	40.48 2.16 0.00	41.97 2.44 0.00	39.47 2.00 -3.69	52.21 2.87 -0.89	41.71 2.39 -0.85	39.90 2.29 -0.52	88.33 2.46 -48.58	68.72 4.52 0.00	60.11 3.90 0.00	70.33 4.67 0.00	52.54 3.23 0.00	46.20 2.43 0.00	36.79 1.97 -0.01	33.90 1.75 -0.01	26.06 1.29 0.00
RAVENSWOOD_GT_5 24254	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.65 1.39 0.00	49.04 2.03 0.00	40.56 2.01 0.00	54.56 2.72 0.00	51.04 2.89 0.00	40.48 2.16 0.00	41.97 2.44 0.00	39.47 2.00 -3.69	52.21 2.87 -0.89	41.71 2.39 -0.85	39.90 2.29 -0.52	88.33 2.46 -48.58	68.72 4.52 0.00	60.11 3.90 0.00	70.33 4.67 0.00	52.54 3.23 0.00	46.20 2.43 0.00	36.79 1.97 -0.01	33.90 1.75 -0.01	26.06 1.29 0.00
RAVENSWOOD_GT_6 24253	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.65 1.39 0.00	49.04 2.03 0.00	40.56 2.01 0.00	54.56 2.72 0.00	51.04 2.89 0.00	40.48 2.16 0.00	41.97 2.44 0.00	39.47 2.00 -3.69	52.21 2.87 -0.89	41.71 2.39 -0.85	39.90 2.29 -0.52	88.33 2.46 -48.58	68.72 4.52 0.00	60.11 3.90 0.00	70.33 4.67 0.00	52.54 3.23 0.00	46.20 2.43 0.00	36.79 1.97 -0.01	33.90 1.75 -0.01	26.06 1.29 0.00
RAVENSWOOD_GT_7 24255	30.62 1.67 0.00	31.92 1.60 0.00	31.48 1.50 0.00	28.28 1.31 0.00	33.65 1.39 0.00	49.04 2.03 0.00	40.56 2.01 0.00	54.56 2.72 0.00	51.04 2.89 0.00	40.48 2.16 0.00	41.97 2.44 0.00	39.47 2.00 -3.69	52.21 2.87 -0.89	41.71 2.39 -0.85	39.90 2.29 -0.52	88.33 2.46 -48.58	68.72 4.52 0.00	60.11 3.90 0.00	70.33 4.67 0.00	52.54 3.23 0.00	46.20 2.43 0.00	36.79 1.97 -0.01	33.90 1.75 -0.01	26.06 1.29 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.63 1.68 0.00	31.95 1.63 0.00	31.50 1.52 0.00	28.30 1.33 0.00	33.67 1.41 0.00	49.06 2.05 0.00	40.60 2.05 0.00	54.58 2.74 0.00	51.07 2.92 0.00	40.51 2.19 0.00	42.00 2.47 0.00	39.50 2.03 -3.69	52.26 2.92 -0.89	41.02 2.42 -0.13	39.50 2.32 -0.08	47.14 2.49 -7.36	68.76 4.56 0.00	60.15 3.94 0.00	70.37 4.70 0.00	52.57 3.26 0.00	46.22 2.45 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.08 1.32 0.00

RAVENSWOOD_GT_9 24257	30.63 1.68 0.00	31.95 1.63 0.00	31.50 1.52 0.00	28.30 1.33 0.00	33.67 1.41 0.00	49.06 2.05 0.00	40.60 2.05 0.00	54.58 2.74 0.00	51.07 2.92 0.00	40.51 2.19 0.00	42.00 2.47 0.00	39.50 2.03 -3.69	52.26 2.92 -0.89	41.02 2.42 -0.13	39.50 2.32 -0.08	47.14 2.49 -7.36	68.76 4.56 0.00	60.15 3.94 0.00	70.37 4.70 0.00	52.57 3.26 0.00	46.22 2.45 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.08 1.32 0.00
RAVENSWOOD___1 23533	30.73 1.78 0.00	32.05 1.72 0.00	31.61 1.62 0.00	28.39 1.42 0.00	33.78 1.52 0.00	49.20 2.19 0.00	40.72 2.17 0.00	54.75 2.91 0.00	51.25 3.10 0.00	40.65 2.34 0.00	42.17 2.64 0.00	39.65 2.18 -3.69	52.47 3.14 -0.89	42.17 2.58 -1.12	40.24 2.46 -0.68	103.72 2.63 -63.79	69.00 4.80 0.00	60.34 4.14 0.00	70.59 4.93 0.00	52.70 3.40 0.00	46.36 2.59 0.00	36.98 2.15 -0.01	34.08 1.94 -0.01	26.19 1.42 0.00
RAVENSWOOD___2 23534	30.73 1.78 0.00	32.05 1.72 0.00	31.61 1.62 0.00	28.39 1.42 0.00	33.78 1.52 0.00	49.20 2.19 0.00	40.72 2.17 0.00	54.75 2.91 0.00	51.25 3.10 0.00	40.65 2.34 0.00	42.17 2.64 0.00	39.65 2.18 -3.69	52.47 3.14 -0.89	42.17 2.58 -1.12	40.24 2.46 -0.68	103.72 2.63 -63.79	69.00 4.80 0.00	60.34 4.14 0.00	70.59 4.93 0.00	52.70 3.40 0.00	46.36 2.59 0.00	36.98 2.15 -0.01	34.08 1.94 -0.01	26.19 1.42 0.00
RAVENSWOOD___3 23535	30.65 1.70 0.00	31.95 1.63 0.00	31.51 1.53 0.00	28.30 1.33 0.00	33.67 1.42 0.00	49.07 2.06 0.00	40.60 2.05 0.00	54.60 2.76 0.00	51.09 2.94 0.00	40.51 2.19 0.00	42.02 2.48 0.00	39.51 2.04 -3.69	52.26 2.93 -0.89	40.90 2.43 0.00	39.42 2.32 0.00	39.79 2.50 0.00	68.78 4.58 0.00	60.15 3.95 0.00	70.38 4.72 0.00	52.57 3.27 0.00	46.23 2.46 0.00	36.82 2.00 0.00	33.93 1.79 0.00	26.08 1.32 0.00
RAVENSWOOD___4 23820	30.73 1.78 0.00	32.05 1.72 0.00	31.61 1.62 0.00	28.39 1.42 0.00	33.78 1.52 0.00	49.20 2.19 0.00	40.72 2.17 0.00	54.75 2.91 0.00	51.25 3.10 0.00	40.65 2.34 0.00	42.17 2.64 0.00	39.65 2.18 -3.69	52.47 3.14 -0.89	42.17 2.58 -1.12	40.24 2.46 -0.68	103.72 2.63 -63.79	69.00 4.80 0.00	60.34 4.14 0.00	70.59 4.93 0.00	52.70 3.40 0.00	46.36 2.59 0.00	36.98 2.15 -0.01	34.08 1.94 -0.01	26.19 1.42 0.00
RCPL_TRUST___DRP 24196	30.62 1.67 0.00	31.93 1.60 0.00	31.48 1.50 0.00	28.28 1.30 0.00	33.65 1.40 0.00	49.04 2.03 0.00	40.59 2.04 0.00	54.62 2.78 0.00	51.12 2.97 0.00	40.56 2.24 0.00	42.06 2.53 0.00	39.55 2.08 -3.70	52.32 2.99 -0.89	40.94 2.47 0.00	39.44 2.34 0.00	39.80 2.51 0.00	68.81 4.61 0.00	60.20 3.99 0.00	70.42 4.76 0.00	52.59 3.28 0.00	46.23 2.45 0.00	36.81 1.99 0.00	33.92 1.78 0.00	26.05 1.29 0.00
RED___ROCHESTER 323720	28.81 -0.15 0.00	30.19 -0.13 0.00	29.79 -0.19 0.00	26.83 -0.14 0.00	32.13 -0.12 0.00	47.59 0.57 0.00	38.70 0.14 0.00	51.96 0.12 0.00	48.13 -0.02 0.00	38.38 0.05 0.00	39.28 0.09 0.35	33.54 0.12 0.35	46.37 0.32 2.39	37.38 0.29 1.38	37.15 0.05 0.00	36.85 -0.40 0.04	61.13 -1.38 1.68	51.78 -0.82 3.60	65.68 0.02 0.00	49.27 -0.04 0.00	43.46 -0.31 0.00	34.41 -0.41 0.00	31.98 -0.16 0.00	24.89 0.13 0.00
REGAN___SOLAR 323812	30.48 1.53 0.00	31.93 1.61 0.00	31.57 1.58 0.00	28.41 1.44 0.00	34.02 1.76 0.00	49.72 2.71 0.00	41.09 2.54 0.00	55.38 3.53 0.00	50.97 2.82 0.00	39.31 0.99 0.00	39.85 0.31 0.00	34.14 0.36 0.00	49.10 0.65 0.00	39.58 1.11 0.00	38.71 1.61 0.00	38.62 1.33 0.00	67.37 3.18 0.00	59.22 3.01 0.00	70.13 4.46 0.00	52.74 3.44 0.00	46.64 2.87 0.00	37.04 2.21 0.00	34.10 1.96 0.00	26.20 1.44 0.00
RENSSELAER___COGEN 23796	29.48 0.53 0.00	30.88 0.56 0.00	30.56 0.58 0.00	27.46 0.49 0.00	32.76 0.51 0.00	47.62 0.61 0.00	39.20 0.65 0.00	52.92 1.08 0.00	49.32 1.17 0.00	39.03 0.71 0.00	40.31 0.77 0.00	34.37 0.60 0.00	49.27 0.83 0.00	39.08 0.61 0.00	37.76 0.66 0.00	38.08 0.79 0.00	65.80 1.60 0.00	57.81 1.60 0.00	67.63 1.97 0.00	50.73 1.42 0.00	44.80 1.03 0.00	35.57 0.75 0.00	32.74 0.59 0.00	25.09 0.33 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.08 3.13 0.00	33.46 3.14 0.00	33.26 3.27 0.00	29.99 3.02 0.00	36.17 3.92 0.00	52.70 5.69 0.00	43.37 4.82 0.00	58.79 6.94 0.00	55.21 7.06 0.00	43.14 4.81 0.00	44.77 5.23 0.00	37.93 4.16 0.00	54.16 5.72 0.00	42.46 3.99 0.00	40.95 3.85 0.00	41.13 3.84 0.00	71.38 7.19 0.00	63.22 7.01 0.00	74.52 8.86 0.00	56.58 7.27 0.00	50.07 6.30 0.00	39.33 4.50 0.00	36.09 3.95 0.00	27.39 2.62 0.00
REVERE_CPPR_DRP 24186	29.46 0.51 0.00	30.88 0.56 0.00	30.53 0.55 0.00	27.52 0.55 0.00	33.11 0.86 0.00	48.39 1.37 0.00	39.94 1.39 0.00	53.73 1.88 0.00	49.90 1.75 0.00	39.28 0.96 0.00	40.48 0.95 0.00	34.85 1.07 0.00	49.79 1.35 0.00	39.57 1.09 0.00	38.09 0.99 0.00	38.08 0.79 0.00	65.86 1.67 0.00	58.08 1.87 0.00	68.28 2.62 0.00	51.31 2.00 0.00	45.34 1.57 0.00	36.01 1.19 0.00	33.18 1.04 0.00	25.46 0.70 0.00
REYNOLDS_115KV_TB3 80639	29.78 0.83 0.00	31.19 0.87 0.00	30.87 0.89 0.00	27.74 0.76 0.00	33.09 0.84 0.00	48.09 1.08 0.00	39.56 1.01 0.00	53.44 1.60 0.00	49.82 1.67 0.00	39.44 1.12 0.00	40.73 1.20 0.00	34.75 0.97 0.00	49.82 1.38 0.00	39.49 1.02 0.00	38.15 1.05 0.00	38.45 1.16 0.00	66.42 2.23 0.00	58.35 2.15 0.00	68.25 2.59 0.00	51.21 1.91 0.00	45.23 1.46 0.00	35.91 1.09 0.00	33.05 0.91 0.00	25.33 0.57 0.00
RIVERBAY____ 323610	30.68 1.73 0.00	32.04 1.72 0.00	31.62 1.64 0.00	28.43 1.46 0.00	33.84 1.59 0.00	49.32 2.31 0.00	40.77 2.21 0.00	54.79 2.95 0.00	51.18 3.03 0.00	40.58 2.26 0.00	42.00 2.47 0.00	39.52 2.05 -3.69	52.28 2.95 -0.89	40.90 2.43 0.00	39.43 2.33 -0.01	39.78 2.49 0.00	68.86 4.66 0.00	60.15 3.94 0.00	70.45 4.79 0.00	52.67 3.36 0.00	46.31 2.54 0.00	36.97 2.14 -0.01	34.00 1.85 -0.01	26.10 1.34 0.00
RIVERSDE_115KV_TB3 55908	29.65 0.70 0.00	31.05 0.73 0.00	30.73 0.74 0.00	27.61 0.63 0.00	32.94 0.68 0.00	47.89 0.87 0.00	39.41 0.86 0.00	53.22 1.38 0.00	49.61 1.46 0.00	39.27 0.95 0.00	40.55 1.02 0.00	34.59 0.81 0.00	49.60 1.16 0.00	39.33 0.86 0.00	38.01 0.91 0.00	38.32 1.02 0.00	66.20 2.01 0.00	58.14 1.93 0.00	68.01 2.35 0.00	51.01 1.70 0.00	45.05 1.28 0.00	35.76 0.94 0.00	32.92 0.78 0.00	25.23 0.46 0.00
ROARING___BROOK_WT_PWR 323790	28.06 -0.90 0.00	29.48 -0.84 0.00	29.23 -0.76 0.00	26.50 -0.47 0.00	32.07 -0.19 0.00	46.45 -0.56 0.00	38.17 -0.38 0.00	51.25 -0.59 0.00	47.65 -0.50 0.00	37.98 -0.34 0.00	39.12 -0.42 0.00	33.41 -0.37 0.00	47.60 -0.84 0.00	37.45 -1.03 0.00	36.23 -0.87 0.00	36.43 -0.86 0.00	62.70 -1.49 0.00	54.99 -1.22 0.00	64.44 -1.22 0.00	48.48 -0.83 0.00	43.05 -0.72 0.00	34.52 -0.31 0.00	31.91 -0.23 0.00	24.55 -0.21 0.00

ROCHESRG_115KV_T4 355643	28.46 -0.50 0.00	29.84 -0.48 0.00	29.45 -0.53 0.00	26.53 -0.44 0.00	31.78 -0.48 0.00	47.02 0.01 0.00	38.22 -0.34 0.00	51.29 -0.55 0.00	47.48 -0.66 0.00	37.88 -0.44 0.00	38.70 -0.42 0.40	33.03 -0.33 0.41	45.34 -0.32 2.78	36.62 -0.24 1.61	36.66 -0.44 0.00	36.36 -0.90 0.04	60.34 -2.21 1.65	51.05 -1.62 3.54	64.72 -0.94 0.00	48.56 -0.75 0.00	42.85 -0.93 0.00	33.95 -0.88 0.00	31.58 -0.56 0.00	24.60 -0.17 0.00
ROCHESTER_9_IC 23652	28.63 -0.32 0.00	30.03 -0.30 0.00	29.63 -0.36 0.00	26.68 -0.29 0.00	31.96 -0.29 0.00	47.32 0.31 0.00	38.47 -0.08 0.00	51.65 -0.19 0.00	47.81 -0.33 0.00	38.15 -0.17 0.00	39.03 -0.15 0.35	33.33 -0.09 0.35	46.07 0.01 2.39	37.13 0.04 1.38	36.92 -0.18 0.00	36.61 -0.64 0.04	60.74 -1.78 1.68	51.39 -1.22 3.60	65.23 -0.43 0.00	48.92 -0.39 0.00	43.16 -0.61 0.00	34.19 -0.64 0.00	31.79 -0.35 0.00	24.75 -0.01 0.00
ROCKVIEW_13_KV_LD 356306	30.59 1.64 0.00	31.93 1.61 0.00	31.47 1.49 0.00	28.27 1.30 0.00	33.65 1.40 0.00	49.06 2.05 0.00	40.54 1.99 0.00	54.56 2.72 0.00	51.02 2.87 0.00	40.50 2.18 0.00	41.95 2.41 0.00	39.46 2.00 -3.69	52.15 2.82 -0.89	40.79 2.32 0.00	39.32 2.22 0.00	39.68 2.39 0.00	68.62 4.43 0.00	60.04 3.83 0.00	70.29 4.62 0.00	52.51 3.21 0.00	46.17 2.40 0.00	36.75 1.93 0.00	33.86 1.72 0.00	26.01 1.24 0.00
ROME____115KV_TB2 80656	29.46 0.51 0.00	30.88 0.56 0.00	30.53 0.55 0.00	27.52 0.55 0.00	33.11 0.86 0.00	48.39 1.37 0.00	39.94 1.39 0.00	53.73 1.88 0.00	49.90 1.75 0.00	39.28 0.96 0.00	40.48 0.95 0.00	34.85 1.07 0.00	49.79 1.35 0.00	39.57 1.09 0.00	38.09 0.99 0.00	38.08 0.79 0.00	65.86 1.67 0.00	58.08 1.87 0.00	68.28 2.62 0.00	51.31 2.00 0.00	45.34 1.57 0.00	36.01 1.19 0.00	33.18 1.04 0.00	25.46 0.70 0.00
ROSETON___1 23587	30.15 1.20 0.00	31.47 1.15 0.00	31.06 1.08 0.00	27.91 0.94 0.00	33.24 0.98 0.00	48.42 1.41 0.00	39.97 1.42 0.00	53.80 1.96 0.00	50.26 2.11 0.00	39.82 1.50 0.00	41.22 1.69 0.00	35.14 1.36 0.00	50.37 1.93 0.00	40.06 1.59 0.00	38.65 1.55 0.00	38.99 1.70 0.00	67.41 3.22 0.00	59.02 2.81 0.00	69.08 3.41 0.00	51.66 2.36 0.00	45.50 1.73 0.00	36.20 1.37 0.00	33.36 1.23 0.00	25.63 0.86 0.00
ROSETON___2 23588	30.15 1.20 0.00	31.47 1.15 0.00	31.06 1.08 0.00	27.91 0.94 0.00	33.24 0.98 0.00	48.42 1.41 0.00	39.97 1.42 0.00	53.80 1.96 0.00	50.26 2.11 0.00	39.82 1.50 0.00	41.22 1.69 0.00	35.14 1.36 0.00	50.37 1.93 0.00	40.06 1.59 0.00	38.65 1.55 0.00	38.99 1.70 0.00	67.41 3.22 0.00	59.02 2.81 0.00	69.08 3.41 0.00	51.66 2.36 0.00	45.50 1.73 0.00	36.20 1.37 0.00	33.36 1.23 0.00	25.63 0.86 0.00
ROTTRDAM_115KV_TB3 80664	29.88 0.93 0.00	31.29 0.97 0.00	30.96 0.97 0.00	27.83 0.85 0.00	33.22 0.97 0.00	48.34 1.33 0.00	39.84 1.28 0.00	53.74 1.90 0.00	49.99 1.84 0.00	39.50 1.18 0.00	40.72 1.19 0.00	34.73 0.95 0.00	49.75 1.30 0.00	39.52 1.05 0.00	38.20 1.10 0.00	38.49 1.20 0.00	66.49 2.29 0.00	58.33 2.12 0.00	68.34 2.68 0.00	51.27 1.97 0.00	45.32 1.55 0.00	36.01 1.19 0.00	33.18 1.04 0.00	25.47 0.71 0.00
RUSSELL___1 23602	28.81 -0.15 0.00	30.19 -0.13 0.00	29.79 -0.19 0.00	26.83 -0.14 0.00	32.13 -0.12 0.00	47.59 0.57 0.00	38.70 0.14 0.00	51.96 0.12 0.00	48.13 -0.02 0.00	38.37 0.05 0.00	39.27 0.08 0.35	33.54 0.11 0.35	46.37 0.32 2.39	37.38 0.29 1.38	37.15 0.05 0.00	36.85 -0.40 0.04	61.12 -1.39 1.68	51.77 -0.83 3.60	65.69 0.03 0.00	49.27 -0.04 0.00	43.46 -0.31 0.00	34.41 -0.41 0.00	31.98 -0.16 0.00	24.89 0.13 0.00
RUSSELL___2 23532	28.81 -0.15 0.00	30.19 -0.13 0.00	29.79 -0.19 0.00	26.83 -0.14 0.00	32.13 -0.12 0.00	47.59 0.57 0.00	38.70 0.14 0.00	51.96 0.12 0.00	48.13 -0.02 0.00	38.37 0.05 0.00	39.27 0.08 0.35	33.54 0.11 0.35	46.37 0.32 2.39	37.38 0.29 1.38	37.15 0.05 0.00	36.85 -0.40 0.04	61.12 -1.39 1.68	51.77 -0.83 3.60	65.69 0.03 0.00	49.27 -0.04 0.00	43.46 -0.31 0.00	34.41 -0.41 0.00	31.98 -0.16 0.00	24.89 0.13 0.00
RUSSELL___3 23549	28.81 -0.15 0.00	30.19 -0.13 0.00	29.79 -0.19 0.00	26.83 -0.14 0.00	32.13 -0.12 0.00	47.59 0.57 0.00	38.70 0.14 0.00	51.96 0.12 0.00	48.13 -0.02 0.00	38.37 0.05 0.00	39.27 0.08 0.35	33.54 0.11 0.35	46.37 0.32 2.39	37.38 0.29 1.38	37.15 0.05 0.00	36.85 -0.40 0.04	61.12 -1.39 1.68	51.77 -0.83 3.60	65.69 0.03 0.00	49.27 -0.04 0.00	43.46 -0.31 0.00	34.41 -0.41 0.00	31.98 -0.16 0.00	24.89 0.13 0.00
RUSSELL___4 23556	28.81 -0.15 0.00	30.19 -0.13 0.00	29.79 -0.19 0.00	26.83 -0.14 0.00	32.13 -0.12 0.00	47.59 0.57 0.00	38.70 0.14 0.00	51.96 0.12 0.00	48.13 -0.02 0.00	38.37 0.05 0.00	39.27 0.08 0.35	33.54 0.11 0.35	46.37 0.32 2.39	37.38 0.29 1.38	37.15 0.05 0.00	36.85 -0.40 0.04	61.12 -1.39 1.68	51.77 -0.83 3.60	65.69 0.03 0.00	49.27 -0.04 0.00	43.46 -0.31 0.00	34.41 -0.41 0.00	31.98 -0.16 0.00	24.89 0.13 0.00
RUSSELL___STATION 23914	28.81 -0.15 0.00	30.19 -0.13 0.00	29.79 -0.19 0.00	26.83 -0.14 0.00	32.13 -0.12 0.00	47.59 0.57 0.00	38.70 0.14 0.00	51.96 0.12 0.00	48.13 -0.02 0.00	38.37 0.05 0.00	39.27 0.08 0.35	33.54 0.11 0.35	46.37 0.32 2.39	37.38 0.29 1.38	37.15 0.05 0.00	36.85 -0.40 0.04	61.12 -1.39 1.68	51.77 -0.83 3.60	65.69 0.03 0.00	49.27 -0.04 0.00	43.46 -0.31 0.00	34.41 -0.41 0.00	31.98 -0.16 0.00	24.89 0.13 0.00
S SALMON___HYD 24043	28.32 -0.63 0.00	29.68 -0.64 0.00	29.36 -0.62 0.00	26.52 -0.46 0.00	31.97 -0.28 0.00	46.68 -0.33 0.00	38.30 -0.25 0.00	51.49 -0.35 0.00	47.70 -0.44 0.00	37.66 -0.65 0.00	38.81 -0.72 0.00	33.21 -0.56 0.00	47.67 -0.77 0.00	37.76 -0.71 0.00	36.29 -0.81 0.00	36.23 -1.06 0.00	62.47 -1.73 0.00	55.24 -0.97 0.00	65.22 -0.44 0.00	49.06 -0.25 0.00	43.40 -0.37 0.00	34.49 -0.34 0.00	31.81 -0.33 0.00	24.48 -0.28 0.00
S.PERRY__115KV_TB1 80734	29.07 0.11 0.00	30.47 0.14 0.00	30.00 0.01 0.00	27.03 0.06 0.00	32.42 0.17 0.00	48.22 1.21 0.00	39.39 0.84 0.00	52.75 0.91 0.00	48.52 0.38 0.00	38.65 0.33 0.00	41.03 -0.03 -1.53	35.32 -0.04 -1.58	59.11 -0.01 -10.67	44.73 0.10 -6.15	36.98 -0.13 0.00	36.46 -0.74 0.10	58.62 -1.76 3.81	47.02 -1.07 8.12	66.26 0.60 0.00	49.71 0.40 0.00	43.63 -0.14 0.00	34.45 -0.37 0.00	32.04 -0.10 0.00	24.95 0.18 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.71 -1.24 0.00	29.15 -1.18 0.00	28.75 -1.23 0.00	25.94 -1.03 0.00	31.07 -1.18 0.00	46.38 -0.63 0.00	37.39 -1.17 0.00	49.97 -1.87 0.00	46.06 -2.08 0.00	36.92 -1.40 0.00	30.23 -1.43 7.87	24.48 -1.23 8.06	-7.44 -1.49 54.40	5.92 -1.17 31.38	35.64 -1.46 0.00	35.05 -2.18 0.06	57.08 -4.68 2.43	47.27 -3.84 5.09	62.47 -3.19 0.00	46.79 -2.52 0.00	41.24 -2.53 0.00	32.70 -2.12 0.00	30.67 -1.47 0.00	24.11 -0.66 0.00

SAWYER___23_KV_LOAD 55526	27.71 -1.24 0.00	29.15 -1.18 0.00	28.75 -1.23 0.00	25.94 -1.03 0.00	31.07 -1.18 0.00	46.38 -0.63 0.00	37.39 -1.17 0.00	49.97 -1.87 0.00	46.06 -2.08 0.00	36.92 -1.40 0.00	30.23 -1.43 7.87	24.48 -1.23 8.06	-7.44 -1.49 54.40	5.92 -1.17 31.38	35.64 -1.46 0.00	35.05 -2.18 0.06	57.08 -4.68 2.43	47.27 -3.84 5.09	62.47 -3.19 0.00	46.79 -2.52 0.00	41.24 -2.53 0.00	32.70 -2.12 0.00	30.67 -1.47 0.00	24.11 -0.66 0.00
SELKIRK___I 23801	29.72 0.76 0.00	31.15 0.82 0.00	30.85 0.87 0.00	27.70 0.73 0.00	33.06 0.80 0.00	48.09 1.07 0.00	39.52 0.97 0.00	53.32 1.48 0.00	49.52 1.38 0.00	39.12 0.80 0.00	40.34 0.81 0.00	34.39 0.61 0.00	49.28 0.83 0.00	39.10 0.63 0.00	37.84 0.73 0.00	38.19 0.89 0.00	66.06 1.86 0.00	58.05 1.84 0.00	68.01 2.35 0.00	51.01 1.71 0.00	45.09 1.31 0.00	35.81 0.99 0.00	32.97 0.83 0.00	25.30 0.54 0.00
SELKIRK___II 23799	29.57 0.62 0.00	30.98 0.65 0.00	30.66 0.68 0.00	27.55 0.58 0.00	32.86 0.61 0.00	47.79 0.78 0.00	39.33 0.77 0.00	53.08 1.24 0.00	49.43 1.28 0.00	39.12 0.80 0.00	40.38 0.84 0.00	34.42 0.65 0.00	49.35 0.91 0.00	39.14 0.67 0.00	37.84 0.73 0.00	38.15 0.86 0.00	65.92 1.72 0.00	57.92 1.71 0.00	67.80 2.14 0.00	50.86 1.55 0.00	44.91 1.14 0.00	35.67 0.84 0.00	32.83 0.69 0.00	25.18 0.41 0.00
SENECA OSWGO___HYD 24041	28.38 -0.57 0.00	29.71 -0.61 0.00	29.36 -0.63 0.00	26.43 -0.55 0.00	31.60 -0.65 0.00	46.15 -0.85 0.00	37.77 -0.78 0.00	50.80 -1.04 0.00	47.18 -0.97 0.00	37.45 -0.87 0.00	38.67 -0.86 0.00	33.08 -0.70 0.00	47.49 -0.95 0.00	37.67 -0.80 0.00	36.25 -0.85 0.00	36.43 -0.87 0.00	62.64 -1.55 0.00	55.02 -1.19 0.00	64.62 -1.04 0.00	48.50 -0.80 0.00	42.93 -0.85 0.00	34.06 -0.77 0.00	31.42 -0.72 0.00	24.24 -0.52 0.00
SENECA___115KV_TB3 355854	28.03 -0.91 0.00	29.46 -0.86 0.00	29.06 -0.93 0.00	26.22 -0.75 0.00	31.39 -0.87 0.00	46.83 -0.18 0.00	37.83 -0.72 0.00	50.56 -1.28 0.00	46.62 -1.53 0.00	37.30 -1.02 0.00	44.52 -1.06 -6.05	38.97 -1.00 -6.20	89.09 -1.15 -41.79	61.80 -0.77 -24.10	36.01 -1.09 0.00	35.40 -1.83 0.06	57.67 -3.97 2.56	47.56 -3.28 5.37	63.20 -2.47 0.00	47.31 -2.00 0.00	41.67 -2.10 0.00	33.01 -1.82 0.00	30.92 -1.22 0.00	24.28 -0.49 0.00
SENECA___ENERGY 23797	28.73 -0.22 0.00	30.08 -0.24 0.00	29.70 -0.28 0.00	26.69 -0.28 0.00	31.95 -0.30 0.00	46.91 -0.10 0.00	38.44 -0.12 0.00	51.57 -0.27 0.00	47.79 -0.36 0.00	37.95 -0.37 0.00	39.23 -0.30 0.00	33.57 -0.20 0.00	48.06 -0.39 0.00	38.29 -0.18 0.00	36.78 -0.31 0.00	36.71 -0.54 0.04	61.10 -1.40 1.70	51.51 -1.04 3.66	65.29 -0.37 0.00	48.96 -0.34 0.00	43.18 -0.59 0.00	34.19 -0.63 0.00	31.69 -0.45 0.00	24.50 -0.26 0.00
SHOEMAKER___GT 23640	29.97 1.02 0.00	31.29 0.97 0.00	30.89 0.90 0.00	27.76 0.78 0.00	33.07 0.81 0.00	48.21 1.20 0.00	39.80 1.24 0.00	53.52 1.67 0.00	49.92 1.77 0.00	39.46 1.14 0.00	40.82 1.29 0.00	30.76 0.99 4.01	48.87 1.39 0.96	39.68 1.21 0.00	38.29 1.20 0.00	38.62 1.33 0.00	66.84 2.64 0.00	58.52 2.32 0.00	68.57 2.91 0.00	51.33 2.03 0.00	45.24 1.47 0.00	35.98 1.15 0.00	33.16 1.02 0.00	25.50 0.73 0.00
SHOEMAKR_138KV_BK 111 55601	29.96 1.01 0.00	31.29 0.96 0.00	30.88 0.89 0.00	27.75 0.77 0.00	33.05 0.79 0.00	48.19 1.18 0.00	39.78 1.22 0.00	53.51 1.66 0.00	49.91 1.77 0.00	39.46 1.14 0.00	40.82 1.29 0.00	30.94 1.00 3.83	48.95 1.43 0.92	39.70 1.23 0.00	38.29 1.20 0.00	38.63 1.34 0.00	66.84 2.64 0.00	58.52 2.31 0.00	68.56 2.90 0.00	51.30 2.00 0.00	45.21 1.44 0.00	35.95 1.13 0.00	33.14 1.00 0.00	25.48 0.72 0.00
SHOREHAM_IC_1 23715	31.12 2.17 0.00	32.57 2.25 0.00	32.07 2.08 0.00	28.75 1.78 0.00	34.25 1.99 0.00	49.67 2.66 0.00	40.95 2.40 0.00	54.38 2.54 0.00	50.25 2.71 0.61	40.79 2.47 0.00	42.48 2.95 0.00	40.00 2.49 -3.73	52.57 3.22 -0.90	40.14 2.19 0.52	38.98 1.88 0.00	39.52 2.22 0.00	69.36 5.16 0.00	61.22 5.01 0.00	71.80 6.14 0.00	53.64 4.34 0.00	47.01 3.24 0.00	37.30 2.48 0.00	34.20 2.06 0.00	26.17 1.41 0.00
SHOREHAM_IC_2 23716	31.12 2.17 0.00	32.57 2.25 0.00	32.07 2.08 0.00	28.75 1.78 0.00	34.25 1.99 0.00	49.67 2.66 0.00	40.95 2.40 0.00	54.38 2.54 0.00	50.25 2.71 0.61	40.79 2.47 0.00	42.48 2.95 0.00	40.00 2.49 -3.73	52.57 3.22 -0.90	40.14 2.19 0.52	38.98 1.88 0.00	39.52 2.22 0.00	69.36 5.16 0.00	61.22 5.01 0.00	71.80 6.14 0.00	53.64 4.34 0.00	47.01 3.24 0.00	37.30 2.48 0.00	34.20 2.06 0.00	26.17 1.41 0.00
SISSONVILLE____ 23735	28.70 -0.25 0.00	30.11 -0.22 0.00	29.77 -0.21 0.00	26.85 -0.12 0.00	32.45 0.20 0.00	47.40 0.38 0.00	38.77 0.22 0.00	51.67 -0.16 0.00	47.68 -0.47 0.00	37.95 -0.36 0.00	38.72 -0.81 0.00	33.24 -0.54 0.00	47.50 -0.95 0.00	37.68 -0.79 0.00	36.14 -0.96 0.00	36.25 -1.05 0.00	62.62 -1.58 0.00	55.02 -1.19 0.00	64.30 -1.36 0.00	48.33 -0.98 0.00	43.14 -0.63 0.00	34.65 -0.17 0.00	32.07 -0.07 0.00	24.89 0.12 0.00
SITHE_IND_GS1 24169	28.09 -0.86 0.00	29.43 -0.90 0.00	29.08 -0.90 0.00	26.18 -0.79 0.00	31.30 -0.95 0.00	45.67 -1.34 0.00	37.28 -1.27 0.00	50.14 -1.70 0.00	46.56 -1.59 0.00	37.01 -1.31 0.00	38.20 -1.33 0.00	32.66 -1.12 0.00	46.87 -1.58 0.00	37.22 -1.25 0.00	35.87 -1.23 0.00	35.99 -1.30 0.00	61.85 -2.35 0.00	54.28 -1.93 0.00	63.69 -1.98 0.00	47.80 -1.51 0.00	42.33 -1.45 0.00	33.62 -1.20 0.00	31.04 -1.10 0.00	23.98 -0.79 0.00
SITHE_IND_GS2 24170	28.09 -0.86 0.00	29.43 -0.90 0.00	29.08 -0.90 0.00	26.18 -0.79 0.00	31.30 -0.95 0.00	45.67 -1.34 0.00	37.28 -1.27 0.00	50.14 -1.70 0.00	46.56 -1.59 0.00	37.01 -1.31 0.00	38.20 -1.33 0.00	32.66 -1.12 0.00	46.87 -1.58 0.00	37.22 -1.25 0.00	35.87 -1.23 0.00	35.99 -1.30 0.00	61.85 -2.35 0.00	54.28 -1.93 0.00	63.69 -1.98 0.00	47.80 -1.51 0.00	42.33 -1.45 0.00	33.62 -1.20 0.00	31.04 -1.10 0.00	23.98 -0.79 0.00
SITHE_IND_GS3 24171	28.09 -0.86 0.00	29.43 -0.90 0.00	29.08 -0.90 0.00	26.18 -0.79 0.00	31.30 -0.95 0.00	45.67 -1.34 0.00	37.28 -1.27 0.00	50.14 -1.70 0.00	46.56 -1.59 0.00	37.01 -1.31 0.00	38.20 -1.33 0.00	32.66 -1.12 0.00	46.87 -1.58 0.00	37.22 -1.25 0.00	35.87 -1.23 0.00	35.99 -1.30 0.00	61.85 -2.35 0.00	54.28 -1.93 0.00	63.69 -1.98 0.00	47.80 -1.51 0.00	42.33 -1.45 0.00	33.62 -1.20 0.00	31.04 -1.10 0.00	23.98 -0.79 0.00
SITHE_IND_GS4 24172	28.09 -0.86 0.00	29.43 -0.90 0.00	29.08 -0.90 0.00	26.18 -0.79 0.00	31.30 -0.95 0.00	45.67 -1.34 0.00	37.28 -1.27 0.00	50.14 -1.70 0.00	46.56 -1.59 0.00	37.01 -1.31 0.00	38.20 -1.33 0.00	32.66 -1.12 0.00	46.87 -1.58 0.00	37.22 -1.25 0.00	35.87 -1.23 0.00	35.99 -1.30 0.00	61.85 -2.35 0.00	54.28 -1.93 0.00	63.69 -1.98 0.00	47.80 -1.51 0.00	42.33 -1.45 0.00	33.62 -1.20 0.00	31.04 -1.10 0.00	23.98 -0.79 0.00

SITHE___BATAVIA 24024	28.50 -0.45 0.00	29.92 -0.41 0.00	29.50 -0.49 0.00	26.62 -0.35 0.00	31.88 -0.38 0.00	47.56 0.54 0.00	38.53 -0.02 0.00	51.72 -0.12 0.00	47.81 -0.34 0.00	38.22 -0.10 0.00	39.74 -0.22 -0.42	34.00 -0.22 -0.43	51.32 -0.05 -2.92	40.16 0.01 -1.68	36.77 -0.33 0.00	36.00 -1.24 0.05	59.30 -2.85 2.05	49.89 -1.99 4.33	64.94 -0.72 0.00	48.77 -0.53 0.00	42.97 -0.80 0.00	34.02 -0.80 0.00	31.74 -0.40 0.00	24.85 0.08 0.00
SITHE___INDEPEND 23800	28.09 -0.86 0.00	29.43 -0.90 0.00	29.08 -0.90 0.00	26.17 -0.80 0.00	31.30 -0.95 0.00	45.67 -1.34 0.00	37.28 -1.27 0.00	50.14 -1.70 0.00	46.56 -1.59 0.00	37.01 -1.31 0.00	38.20 -1.33 0.00	32.66 -1.12 0.00	46.87 -1.58 0.00	37.22 -1.25 0.00	35.87 -1.24 0.00	35.99 -1.31 0.00	61.85 -2.35 0.00	54.28 -1.93 0.00	63.69 -1.97 0.00	47.80 -1.51 0.00	42.33 -1.45 0.00	33.62 -1.20 0.00	31.04 -1.10 0.00	23.98 -0.79 0.00
SITHE___MASSENA 23902	28.88 -0.08 0.00	30.29 -0.04 0.00	29.93 -0.05 0.00	26.96 -0.02 0.00	32.45 0.19 0.00	47.35 0.33 0.00	38.75 0.19 0.00	51.92 0.08 0.00	47.96 -0.18 0.00	38.37 0.05 0.00	39.25 -0.28 0.00	33.66 -0.12 0.00	48.20 -0.25 0.00	38.31 -0.17 0.00	36.86 -0.24 0.00	37.02 -0.27 0.00	63.72 -0.48 0.00	55.82 -0.39 0.00	65.03 -0.63 0.00	48.87 -0.43 0.00	43.65 -0.12 0.00	34.93 0.10 0.00	32.28 0.14 0.00	24.98 0.21 0.00
SITHE___OGDNSBRG 24021	29.27 0.32 0.00	30.68 0.36 0.00	30.34 0.35 0.00	27.34 0.37 0.00	32.97 0.72 0.00	48.18 1.16 0.00	39.49 0.94 0.00	52.83 0.99 0.00	48.58 0.43 0.00	38.53 0.20 0.00	39.16 -0.37 0.00	33.80 0.02 0.00	48.36 -0.08 0.00	38.60 0.13 0.00	36.99 -0.10 0.00	37.08 -0.21 0.00	64.19 0.00 0.00	56.19 -0.01 0.00	65.84 0.18 0.00	49.58 0.28 0.00	44.28 0.51 0.00	35.44 0.61 0.00	32.74 0.60 0.00	25.34 0.58 0.00
SITHE___STERLING 23777	29.39 0.44 0.00	30.77 0.44 0.00	30.42 0.44 0.00	27.39 0.42 0.00	32.85 0.59 0.00	48.02 1.00 0.00	39.57 1.02 0.00	53.25 1.41 0.00	49.46 1.31 0.00	38.99 0.67 0.00	40.24 0.70 0.00	34.58 0.81 0.00	49.50 1.06 0.00	39.34 0.87 0.00	37.87 0.77 0.00	37.89 0.59 0.00	65.46 1.27 0.00	57.63 1.38 -0.05	67.67 2.00 0.00	50.83 1.53 0.00	44.92 1.15 0.00	35.66 0.83 0.00	32.87 0.73 0.00	25.26 0.50 0.00
SLEIGHT__34_KV_TB1 80719	28.90 -0.05 0.00	30.28 -0.05 0.00	29.89 -0.10 0.00	26.89 -0.09 0.00	32.20 -0.06 0.00	47.51 0.49 0.00	38.81 0.26 0.00	52.23 0.38 0.00	48.36 0.21 0.00	38.49 0.18 0.00	39.47 0.27 0.33	33.68 0.24 0.33	46.71 0.53 2.26	37.59 0.43 1.31	37.30 0.20 0.00	37.07 -0.17 0.04	61.61 -0.89 1.70	52.10 -0.46 3.64	66.04 0.38 0.00	49.53 0.22 0.00	43.68 -0.09 0.00	34.58 -0.25 0.00	32.06 -0.07 0.00	24.91 0.14 0.00
SOUTH CAIRO___GT 23612	30.39 1.44 0.00	31.84 1.52 0.00	31.55 1.57 0.00	28.33 1.36 0.00	33.84 1.59 0.00	49.32 2.31 0.00	40.73 2.18 0.00	55.14 3.30 0.00	51.21 3.06 0.00	40.07 1.75 0.00	41.22 1.69 0.00	34.89 1.12 0.00	50.04 1.59 0.00	39.72 1.25 0.00	38.44 1.34 0.00	38.96 1.67 0.00	67.82 3.62 0.00	59.91 3.71 0.00	70.62 4.96 0.00	53.01 3.70 0.00	46.75 2.98 0.00	36.98 2.16 0.00	33.93 1.79 0.00	25.94 1.18 0.00
SOUTH HAMPTN___IC 23720	31.34 2.38 0.00	32.81 2.49 0.00	32.31 2.33 0.00	28.98 2.01 0.00	34.51 2.26 0.00	49.97 2.96 0.00	41.12 2.57 0.00	54.53 2.69 0.00	50.41 2.87 0.61	40.81 2.49 0.00	42.53 3.00 0.00	40.16 2.66 -3.73	53.07 3.73 -0.90	40.25 2.30 0.52	39.00 1.90 0.00	39.51 2.22 0.00	69.91 5.71 0.00	61.89 5.68 0.00	72.59 6.93 0.00	54.18 4.87 0.00	47.41 3.64 0.00	37.53 2.71 0.00	34.41 2.27 0.00	26.33 1.57 0.00
SOUTHDOW_115KV_TB1 355954	28.89 -0.07 0.00	30.44 0.11 0.00	29.96 -0.03 0.00	27.03 0.06 0.00	32.34 0.08 0.00	48.35 1.33 0.00	39.57 1.01 0.00	53.45 1.61 0.00	49.41 1.26 0.00	39.24 0.92 0.00	45.73 1.07 -5.13	39.79 0.76 -5.25	85.24 1.40 -35.40	60.29 1.40 -20.42	37.71 0.61 0.00	37.03 -0.19 0.07	60.30 -1.00 2.89	48.67 -1.44 6.10	65.33 -0.32 0.00	48.81 -0.50 0.00	42.90 -0.88 0.00	33.87 -0.96 0.00	31.60 -0.53 0.00	24.75 -0.01 0.00
SOUTHOLD_69_KV_BK 2 55809	31.61 2.66 0.00	33.15 2.82 0.00	32.63 2.65 0.00	29.28 2.31 0.00	34.83 2.58 0.00	50.31 3.30 0.00	41.23 2.68 0.00	54.53 2.69 0.00	50.46 2.92 0.61	40.62 2.30 0.00	42.36 2.83 0.00	40.28 2.78 -3.73	53.75 4.41 -0.90	40.15 2.20 0.52	38.69 1.59 0.00	39.20 1.91 0.00	70.52 6.32 0.00	62.88 6.67 0.00	73.82 8.16 0.00	54.97 5.67 0.00	48.01 4.24 0.00	37.82 3.00 0.00	34.69 2.55 0.00	26.55 1.78 0.00
SOUTHOLD___IC 23719	31.61 2.65 0.00	33.15 2.82 0.00	32.63 2.65 0.00	29.28 2.31 0.00	34.83 2.58 0.00	50.31 3.30 0.00	41.24 2.68 0.00	54.53 2.69 0.00	50.46 2.92 0.61	40.63 2.31 0.00	42.36 2.83 0.00	40.28 2.78 -3.73	53.75 4.41 -0.90	40.15 2.20 0.52	38.69 1.59 0.00	39.20 1.91 0.00	70.52 6.32 0.00	62.88 6.67 0.00	73.82 8.16 0.00	54.97 5.66 0.00	48.01 4.24 0.00	37.82 3.00 0.00	34.69 2.55 0.00	26.55 1.78 0.00
SOUTH_FORK_WT_PWR 323839	31.58 2.63 0.00	33.16 2.84 0.00	32.63 2.65 0.00	29.29 2.32 0.00	34.81 2.55 0.00	50.16 3.14 0.00	40.97 2.42 0.00	54.04 2.20 0.00	50.02 2.49 0.61	40.10 1.78 0.00	41.83 2.30 0.00	40.00 2.49 -3.73	53.70 4.36 -0.90	39.69 1.74 0.52	38.14 1.04 0.00	38.65 1.35 0.00	70.35 6.15 0.00	63.02 6.81 0.00	73.99 8.33 0.00	55.02 5.72 0.00	48.01 4.23 0.00	37.72 2.89 0.00	34.61 2.47 0.00	26.50 1.73 0.00
SPIERFLS_115KV_TB 1 80737	30.73 1.78 0.00	32.15 1.82 0.00	31.85 1.87 0.00	28.64 1.66 0.00	34.29 2.03 0.00	49.91 2.89 0.00	41.13 2.58 0.00	55.56 3.72 0.00	51.80 3.66 0.00	40.78 2.46 0.00	42.22 2.69 0.00	35.91 2.13 0.00	51.38 2.93 0.00	40.71 2.24 0.00	39.30 2.21 0.00	39.64 2.35 0.00	68.63 4.44 0.00	60.37 4.16 0.00	70.86 5.19 0.00	53.30 3.99 0.00	47.07 3.30 0.00	37.26 2.43 0.00	34.26 2.12 0.00	26.20 1.44 0.00
ST LAWRENCE____ 23600	28.59 -0.36 0.00	29.98 -0.34 0.00	29.63 -0.35 0.00	26.68 -0.29 0.00	32.09 -0.17 0.00	46.80 -0.21 0.00	38.33 -0.23 0.00	51.44 -0.40 0.00	47.52 -0.62 0.00	38.07 -0.25 0.00	39.05 -0.48 0.00	33.44 -0.34 0.00	47.87 -0.58 0.00	38.04 -0.43 0.00	36.65 -0.45 0.00	36.82 -0.47 0.00	63.32 -0.88 0.00	55.43 -0.77 0.00	64.54 -1.13 0.00	48.48 -0.83 0.00	43.29 -0.48 0.00	34.62 -0.20 0.00	31.99 -0.15 0.00	24.72 -0.04 0.00
STATE_CA_115KV_115_LB 55624	29.63 0.68 0.00	31.02 0.70 0.00	30.70 0.71 0.00	27.58 0.61 0.00	32.92 0.66 0.00	47.87 0.85 0.00	39.43 0.87 0.00	53.23 1.39 0.00	49.60 1.45 0.00	39.26 0.94 0.00	40.53 1.00 0.00	34.57 0.79 0.00	49.57 1.12 0.00	39.35 0.88 0.00	38.02 0.92 0.00	38.33 1.04 0.00	66.22 2.03 0.00	58.16 1.95 0.00	68.02 2.36 0.00	51.01 1.71 0.00	45.04 1.27 0.00	35.75 0.93 0.00	32.90 0.76 0.00	25.21 0.45 0.00

STATE_ST_34_KV_LOAD 55959	28.99 0.04 0.00	30.38 0.05 0.00	30.02 0.03 0.00	26.91 -0.06 0.00	32.24 -0.02 0.00	47.30 0.28 0.00	38.51 -0.05 0.00	51.65 -0.19 0.00	48.12 -0.03 0.00	38.21 -0.11 0.00	39.47 -0.06 0.00	33.78 0.00 0.00	48.21 -0.23 0.00	38.39 -0.08 0.00	37.10 0.00 0.00	37.20 -0.07 0.02	62.94 -0.30 0.95	53.95 -0.17 2.08	66.01 0.35 0.00	49.52 0.21 0.00	43.80 0.03 0.00	34.68 -0.14 0.00	32.05 -0.08 0.00	24.64 -0.12 0.00
STATION 5_MISC_HYD 23604	28.63 -0.32 0.00	30.02 -0.30 0.00	29.63 -0.36 0.00	26.68 -0.29 0.00	31.96 -0.29 0.00	47.32 0.31 0.00	38.47 -0.08 0.00	51.65 -0.19 0.00	47.81 -0.33 0.00	38.15 -0.17 0.00	39.03 -0.15 0.35	33.33 -0.09 0.35	46.08 0.02 2.39	37.14 0.05 1.38	36.92 -0.18 0.00	36.61 -0.64 0.04	60.74 -1.78 1.68	51.40 -1.21 3.60	65.23 -0.44 0.00	48.92 -0.39 0.00	43.16 -0.61 0.00	34.19 -0.64 0.00	31.79 -0.35 0.00	24.75 -0.01 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.97 0.02 0.00	30.35 0.02 0.00	29.95 -0.04 0.00	26.95 -0.02 0.00	32.27 0.02 0.00	47.62 0.61 0.00	38.89 0.34 0.00	52.26 0.42 0.00	48.38 0.23 0.00	38.49 0.17 0.00	39.80 0.27 0.00	34.02 0.25 0.00	48.90 0.46 0.00	38.91 0.44 0.00	37.31 0.21 0.00	37.11 -0.14 0.05	61.55 -0.81 1.83	51.85 -0.42 3.93	66.10 0.44 0.00	49.56 0.26 0.00	43.70 -0.07 0.00	34.61 -0.21 0.00	32.10 -0.04 0.00	24.90 0.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.65 -0.30 0.00	30.04 -0.29 0.00	29.64 -0.35 0.00	26.69 -0.28 0.00	31.97 -0.29 0.00	47.28 0.27 0.00	38.48 -0.07 0.00	51.68 -0.16 0.00	47.87 -0.28 0.00	38.17 -0.15 0.00	39.11 -0.11 0.31	33.40 -0.06 0.32	46.37 0.07 2.14	37.31 0.08 1.24	36.96 -0.14 0.00	36.68 -0.57 0.04	60.85 -1.65 1.70	51.47 -1.10 3.64	65.32 -0.35 0.00	48.99 -0.32 0.00	43.22 -0.55 0.00	34.24 -0.59 0.00	31.81 -0.33 0.00	24.75 -0.01 0.00
STA_56___34_KV_BUS2 355983	28.65 -0.30 0.00	30.04 -0.29 0.00	29.64 -0.35 0.00	26.69 -0.28 0.00	31.97 -0.29 0.00	47.28 0.27 0.00	38.48 -0.07 0.00	51.68 -0.16 0.00	47.87 -0.28 0.00	38.17 -0.15 0.00	39.11 -0.11 0.31	33.40 -0.06 0.32	46.37 0.07 2.14	37.31 0.08 1.24	36.96 -0.14 0.00	36.68 -0.57 0.04	60.85 -1.65 1.70	51.47 -1.10 3.64	65.32 -0.35 0.00	48.99 -0.32 0.00	43.22 -0.55 0.00	34.24 -0.59 0.00	31.81 -0.33 0.00	24.75 -0.01 0.00
STA_67___115KV_BK2 355882	28.56 -0.39 0.00	29.95 -0.37 0.00	29.56 -0.42 0.00	26.62 -0.35 0.00	31.88 -0.37 0.00	47.20 0.19 0.00	38.37 -0.18 0.00	51.50 -0.34 0.00	47.69 -0.46 0.00	38.04 -0.28 0.00	38.91 -0.27 0.36	33.22 -0.19 0.36	45.87 -0.12 2.45	36.99 -0.07 1.41	36.82 -0.28 0.00	36.51 -0.74 0.04	60.57 -1.95 1.67	51.24 -1.38 3.59	65.03 -0.63 0.00	48.77 -0.54 0.00	43.04 -0.73 0.00	34.09 -0.73 0.00	31.70 -0.43 0.00	24.69 -0.07 0.00
STA_7___115KV_9TRANS 80674	28.81 -0.15 0.00	30.19 -0.13 0.00	29.79 -0.19 0.00	26.83 -0.14 0.00	32.13 -0.12 0.00	47.59 0.57 0.00	38.70 0.14 0.00	51.96 0.12 0.00	48.13 -0.02 0.00	38.37 0.05 0.00	39.27 0.08 0.35	33.54 0.11 0.35	46.37 0.32 2.39	37.38 0.29 1.38	37.15 0.05 0.00	36.85 -0.40 0.04	61.12 -1.39 1.68	51.77 -0.83 3.60	65.69 0.03 0.00	49.27 -0.04 0.00	43.46 -0.31 0.00	34.41 -0.41 0.00	31.98 -0.16 0.00	24.89 0.13 0.00
STA_82___115KV_TB1 80780	28.57 -0.38 0.00	29.97 -0.36 0.00	29.57 -0.42 0.00	26.63 -0.34 0.00	31.90 -0.35 0.00	47.23 0.21 0.00	38.40 -0.15 0.00	51.54 -0.30 0.00	47.71 -0.44 0.00	38.07 -0.25 0.00	38.99 -0.23 0.31	33.29 -0.18 0.31	46.24 -0.09 2.12	37.20 -0.05 1.22	36.84 -0.26 0.00	36.52 -0.73 0.04	60.58 -1.92 1.70	51.21 -1.35 3.64	65.07 -0.59 0.00	48.81 -0.49 0.00	43.07 -0.70 0.00	34.11 -0.71 0.00	31.72 -0.42 0.00	24.70 -0.06 0.00
STEEL___WIND 323596	28.00 -0.95 0.00	29.43 -0.89 0.00	29.03 -0.95 0.00	26.19 -0.78 0.00	31.35 -0.91 0.00	46.76 -0.25 0.00	37.77 -0.78 0.00	50.48 -1.36 0.00	46.55 -1.59 0.00	37.25 -1.07 0.00	44.46 -1.12 -6.05	38.92 -1.06 -6.20	89.00 -1.23 -41.79	61.74 -0.84 -24.10	35.95 -1.15 0.00	35.35 -1.87 0.06	57.55 -4.09 2.56	47.46 -3.38 5.37	63.08 -2.58 0.00	47.22 -2.09 0.00	41.59 -2.19 0.00	32.94 -1.88 0.00	30.86 -1.28 0.00	24.25 -0.52 0.00
STEPHTWN_115KV_BK_2 55603	29.74 0.79 0.00	31.12 0.79 0.00	30.75 0.76 0.00	27.62 0.65 0.00	33.07 0.82 0.00	48.04 1.03 0.00	39.59 1.04 0.00	53.47 1.63 0.00	49.85 1.70 0.00	39.35 1.03 0.00	40.68 1.15 0.00	34.64 0.87 0.00	49.66 1.21 0.00	39.35 0.88 0.00	38.04 0.94 0.00	38.35 1.05 0.00	66.43 2.23 0.00	58.43 2.23 0.00	68.38 2.72 0.00	51.29 1.99 0.00	45.24 1.46 0.00	35.87 1.05 0.00	32.98 0.84 0.00	25.29 0.53 0.00
STEUBEN_REC_LFGE 323667	28.10 -0.85 0.00	29.54 -0.78 0.00	28.99 -0.99 0.00	26.16 -0.81 0.00	31.83 -0.42 0.00	47.30 0.28 0.00	38.99 0.44 0.00	51.90 0.06 0.00	47.77 -0.38 0.00	37.89 -0.43 0.00	41.49 -0.15 -2.11	35.39 -0.52 -2.13	61.52 -1.27 -14.34	45.64 -1.10 -8.27	35.48 -1.62 0.00	34.76 -2.32 0.21	51.93 -4.05 8.22	35.45 -3.21 17.55	63.88 -1.78 0.00	47.36 -1.95 0.00	41.24 -2.53 0.01	32.55 -2.28 0.00	30.45 -1.69 0.00	23.82 -0.94 0.00
STILLWATER___SOLAR 323814	30.50 1.55 0.00	31.92 1.60 0.00	31.60 1.62 0.00	28.39 1.42 0.00	33.97 1.71 0.00	49.41 2.39 0.00	40.66 2.11 0.00	54.90 3.06 0.00	51.10 2.95 0.00	40.28 1.96 0.00	41.52 1.98 0.00	35.39 1.61 0.00	50.75 2.31 0.00	40.28 1.81 0.00	38.92 1.82 0.00	39.23 1.94 0.00	67.91 3.71 0.00	59.69 3.48 0.00	69.99 4.33 0.00	52.56 3.26 0.00	46.43 2.66 0.00	36.82 2.00 0.00	33.87 1.73 0.00	25.96 1.19 0.00
STONY___BROOK 24151	30.98 2.03 0.00	32.41 2.09 0.00	31.92 1.94 0.00	28.62 1.64 0.00	34.09 1.83 0.00	49.47 2.45 0.00	40.78 2.23 0.00	54.27 2.43 0.00	49.92 2.39 0.61	40.76 2.44 0.00	42.43 2.89 0.00	39.89 2.39 -3.73	52.33 2.98 -0.90	40.31 2.36 0.52	39.24 2.14 0.00	39.71 2.42 0.00	69.14 4.95 0.00	60.55 4.35 0.00	70.84 5.18 0.00	52.95 3.65 0.00	46.53 2.76 0.00	37.12 2.29 0.00	34.05 1.91 0.00	26.03 1.26 0.00
STURGEON_POOL_HYD 23609	30.16 1.20 0.00	31.47 1.15 0.00	31.03 1.05 0.00	27.89 0.91 0.00	33.19 0.93 0.00	48.35 1.34 0.00	39.97 1.41 0.00	53.78 1.94 0.00	50.28 2.13 0.00	39.88 1.56 0.00	41.31 1.78 0.00	35.25 1.47 0.00	50.53 2.08 0.00	40.20 1.73 0.00	38.75 1.66 0.00	39.09 1.80 0.00	67.49 3.29 0.00	59.12 2.91 0.00	69.17 3.51 0.00	51.71 2.41 0.00	45.51 1.74 0.00	36.22 1.40 0.00	33.40 1.26 0.00	25.66 0.89 0.00
ST_LAW_115_BK7_LBMP 345037	28.59 -0.37 0.00	29.98 -0.35 0.00	29.62 -0.36 0.00	26.66 -0.30 0.00	32.09 -0.17 0.00	46.80 -0.21 0.00	38.31 -0.24 0.00	51.41 -0.43 0.00	47.48 -0.67 0.00	38.04 -0.28 0.00	39.00 -0.53 0.00	33.41 -0.37 0.00	47.83 -0.62 0.00	38.01 -0.46 0.00	36.60 -0.50 0.00	36.78 -0.52 0.00	63.25 -0.94 0.00	55.37 -0.84 0.00	64.44 -1.22 0.00	48.41 -0.89 0.00	43.27 -0.51 0.00	34.61 -0.22 0.00	31.98 -0.16 0.00	24.72 -0.05 0.00

ST_LAW_115_BK8_LBMP 345038	28.59 -0.37 0.00	29.98 -0.35 0.00	29.62 -0.36 0.00	26.66 -0.30 0.00	32.09 -0.17 0.00	46.80 -0.21 0.00	38.31 -0.24 0.00	51.41 -0.43 0.00	47.48 -0.67 0.00	38.04 -0.28 0.00	39.00 -0.53 0.00	33.41 -0.37 0.00	47.83 -0.62 0.00	38.01 -0.46 0.00	36.60 -0.50 0.00	36.78 -0.52 0.00	63.25 -0.94 0.00	55.37 -0.84 0.00	64.44 -1.22 0.00	48.41 -0.89 0.00	43.27 -0.51 0.00	34.61 -0.22 0.00	31.98 -0.16 0.00	24.72 -0.05 0.00
ST_LAW_230_BK5_LBMP 345035	28.59 -0.36 0.00	29.98 -0.34 0.00	29.63 -0.35 0.00	26.68 -0.29 0.00	32.09 -0.17 0.00	46.80 -0.21 0.00	38.33 -0.23 0.00	51.44 -0.40 0.00	47.52 -0.62 0.00	38.07 -0.25 0.00	39.05 -0.48 0.00	33.44 -0.34 0.00	47.87 -0.58 0.00	38.04 -0.43 0.00	36.65 -0.45 0.00	36.82 -0.47 0.00	63.32 -0.88 0.00	55.43 -0.77 0.00	64.54 -1.13 0.00	48.48 -0.83 0.00	43.29 -0.48 0.00	34.62 -0.20 0.00	31.99 -0.15 0.00	24.72 -0.04 0.00
ST_LAW_230_BK6_LBMP 345036	28.59 -0.36 0.00	29.98 -0.34 0.00	29.63 -0.35 0.00	26.68 -0.29 0.00	32.09 -0.17 0.00	46.80 -0.21 0.00	38.33 -0.23 0.00	51.44 -0.40 0.00	47.52 -0.62 0.00	38.07 -0.25 0.00	39.05 -0.48 0.00	33.44 -0.34 0.00	47.87 -0.58 0.00	38.04 -0.43 0.00	36.65 -0.45 0.00	36.82 -0.47 0.00	63.32 -0.88 0.00	55.43 -0.77 0.00	64.54 -1.13 0.00	48.48 -0.83 0.00	43.29 -0.48 0.00	34.62 -0.20 0.00	31.99 -0.15 0.00	24.72 -0.04 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.08 1.13 0.00	31.40 1.07 0.00	30.97 0.98 0.00	27.82 0.85 0.00	33.14 0.89 0.00	48.32 1.31 0.00	39.92 1.37 0.00	53.68 1.84 0.00	50.11 1.97 0.00	39.61 1.30 0.00	40.98 1.45 0.00	30.34 1.16 4.60	48.99 1.65 1.11	39.91 1.44 0.00	38.47 1.37 0.00	38.83 1.54 0.00	67.23 3.04 0.00	58.80 2.60 0.00	68.85 3.19 0.00	51.50 2.19 0.00	45.34 1.56 0.00	36.06 1.24 0.00	33.23 1.09 0.00	25.56 0.79 0.00
SWANROAD_115KV_TB1 355699	27.14 -1.81 0.00	28.57 -1.75 0.00	28.19 -1.80 0.00	25.46 -1.51 0.00	30.47 -1.78 0.00	45.54 -1.47 0.00	36.58 -1.98 0.00	48.87 -2.97 0.00	45.05 -3.10 0.00	36.20 -2.12 0.00	37.94 -2.30 -0.72	32.53 -1.98 -0.74	50.81 -2.58 -4.95	39.32 -2.00 -2.85	34.86 -2.24 0.00	34.28 -2.96 0.06	55.83 -6.08 2.29	46.41 -4.99 4.80	60.96 -4.70 0.00	45.69 -3.61 0.00	40.32 -3.45 0.00	32.05 -2.77 0.00	30.10 -2.04 0.00	23.72 -1.05 0.00
SYNERGY___BIOGAS 323694	28.50 -0.45 0.00	29.92 -0.41 0.00	29.50 -0.49 0.00	26.62 -0.35 0.00	31.88 -0.38 0.00	47.56 0.54 0.00	38.53 -0.02 0.00	51.72 -0.12 0.00	47.81 -0.34 0.00	38.22 -0.10 0.00	39.74 -0.22 -0.42	34.00 -0.22 -0.43	51.32 -0.05 -2.92	40.16 0.01 -1.68	36.77 -0.33 0.00	36.00 -1.24 0.05	59.30 -2.85 2.05	49.89 -1.99 4.33	64.94 -0.72 0.00	48.77 -0.53 0.00	42.97 -0.80 0.00	34.02 -0.80 0.00	31.74 -0.40 0.00	24.85 0.08 0.00
SYRACUSE___ENERGY_ST1 323597	28.75 -0.20 0.00	30.10 -0.23 0.00	29.74 -0.24 0.00	26.75 -0.23 0.00	31.99 -0.27 0.00	46.78 -0.23 0.00	38.27 -0.28 0.00	51.43 -0.41 0.00	47.76 -0.39 0.00	37.93 -0.39 0.00	39.22 -0.31 0.00	33.52 -0.26 0.00	48.10 -0.34 0.00	38.21 -0.26 0.00	36.82 -0.28 0.00	36.93 -0.36 0.00	63.49 -0.70 0.00	55.51 -0.45 0.25	65.50 -0.16 0.00	49.14 -0.17 0.00	43.47 -0.31 0.00	34.47 -0.35 0.00	31.82 -0.32 0.00	24.54 -0.23 0.00
SYRACUSE___ENERGY_ST2 323598	28.75 -0.20 0.00	30.10 -0.23 0.00	29.74 -0.24 0.00	26.75 -0.23 0.00	31.99 -0.27 0.00	46.78 -0.23 0.00	38.27 -0.28 0.00	51.43 -0.41 0.00	47.76 -0.39 0.00	37.93 -0.39 0.00	39.22 -0.31 0.00	33.52 -0.26 0.00	48.10 -0.34 0.00	38.21 -0.26 0.00	36.82 -0.28 0.00	36.93 -0.36 0.00	63.49 -0.70 0.00	55.51 -0.45 0.25	65.50 -0.16 0.00	49.14 -0.17 0.00	43.47 -0.31 0.00	34.47 -0.35 0.00	31.82 -0.32 0.00	24.54 -0.23 0.00
SYRACUSE___POWER 24017	28.75 -0.20 0.00	30.09 -0.23 0.00	29.74 -0.24 0.00	26.76 -0.21 0.00	31.99 -0.27 0.00	46.76 -0.25 0.00	38.30 -0.25 0.00	51.51 -0.33 0.00	47.85 -0.29 0.00	37.97 -0.35 0.00	39.26 -0.27 0.00	33.54 -0.23 0.00	48.19 -0.25 0.00	38.26 -0.21 0.00	36.86 -0.23 0.00	36.97 -0.32 0.00	63.56 -0.63 0.00	55.86 -0.40 -0.06	65.59 -0.07 0.00	49.20 -0.10 0.00	43.51 -0.26 0.00	34.51 -0.32 0.00	31.86 -0.28 0.00	24.57 -0.20 0.00
TALLMAN___138KV_BK151 55660	30.20 1.25 0.00	31.49 1.17 0.00	31.05 1.06 0.00	27.89 0.92 0.00	33.20 0.95 0.00	48.45 1.44 0.00	40.08 1.53 0.00	53.84 1.99 0.00	50.28 2.13 0.00	39.69 1.37 0.00	41.09 1.56 0.00	29.02 1.22 5.97	48.77 1.76 1.44	40.05 1.58 0.00	38.58 1.48 0.00	38.96 1.67 0.00	67.51 3.31 0.00	58.99 2.78 0.00	69.04 3.38 0.00	51.62 2.32 0.00	45.41 1.64 0.00	36.12 1.29 0.00	33.29 1.15 0.00	25.61 0.85 0.00
TEALLAVE_115KV_TB7 355573	28.61 -0.34 0.00	29.96 -0.37 0.00	29.60 -0.38 0.00	26.64 -0.33 0.00	31.84 -0.41 0.00	46.56 -0.45 0.00	38.11 -0.45 0.00	51.25 -0.59 0.00	47.62 -0.53 0.00	37.79 -0.53 0.00	39.08 -0.45 0.00	33.40 -0.38 0.00	47.98 -0.47 0.00	38.09 -0.38 0.00	36.68 -0.42 0.00	36.78 -0.51 0.00	63.23 -0.97 0.00	55.50 -0.70 0.00	65.20 -0.46 0.00	48.92 -0.38 0.00	43.27 -0.50 0.00	34.33 -0.50 0.00	31.69 -0.45 0.00	24.45 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	27.89 -1.06 0.00	29.32 -1.00 0.00	28.91 -1.07 0.00	26.10 -0.87 0.00	31.26 -1.00 0.00	46.65 -0.36 0.00	37.64 -0.91 0.00	50.40 -1.44 0.00	46.53 -1.62 0.00	37.26 -1.06 0.00	38.99 -1.18 -0.64	33.40 -1.03 -0.65	51.69 -1.18 -4.42	40.12 -0.90 -2.55	35.90 -1.20 0.00	35.30 -1.94 0.06	57.84 -4.20 2.15	48.36 -3.30 4.54	63.13 -2.53 0.00	47.33 -1.98 0.00	41.71 -2.06 0.00	33.09 -1.73 0.00	30.98 -1.16 0.00	24.32 -0.45 0.00
TEMPLE___115KV_TB 2 55572	28.63 -0.32 0.00	29.98 -0.35 0.00	29.62 -0.36 0.00	26.65 -0.32 0.00	31.86 -0.39 0.00	46.58 -0.43 0.00	38.12 -0.43 0.00	51.27 -0.57 0.00	47.62 -0.53 0.00	37.82 -0.50 0.00	39.10 -0.43 0.00	33.42 -0.36 0.00	48.00 -0.44 0.00	38.11 -0.36 0.00	36.71 -0.39 0.00	36.81 -0.48 0.00	63.27 -0.93 0.00	55.53 -0.67 0.00	65.25 -0.42 0.00	48.94 -0.36 0.00	43.29 -0.48 0.00	34.33 -0.49 0.00	31.70 -0.44 0.00	24.46 -0.30 0.00
TIANA____69_KV_BK 1 55817	31.27 2.32 0.00	32.73 2.41 0.00	32.23 2.25 0.00	28.91 1.94 0.00	34.43 2.17 0.00	49.90 2.89 0.00	41.10 2.54 0.00	54.54 2.70 0.00	50.40 2.87 0.61	40.87 2.55 0.00	42.59 3.05 0.00	40.15 2.65 -3.73	52.93 3.59 -0.90	40.28 2.33 0.52	39.05 1.96 0.00	39.57 2.28 0.00	69.77 5.57 0.00	61.67 5.46 0.00	72.33 6.67 0.00	54.02 4.72 0.00	47.30 3.52 0.00	37.48 2.66 0.00	34.35 2.21 0.00	26.29 1.52 0.00
TILDEN___115KV_TB1 80814	28.75 -0.20 0.00	30.09 -0.23 0.00	29.74 -0.24 0.00	26.76 -0.21 0.00	31.99 -0.27 0.00	46.76 -0.25 0.00	38.30 -0.25 0.00	51.51 -0.33 0.00	47.85 -0.29 0.00	37.97 -0.35 0.00	39.26 -0.27 0.00	33.54 -0.23 0.00	48.19 -0.25 0.00	38.26 -0.21 0.00	36.86 -0.23 0.00	36.97 -0.32 0.00	63.56 -0.63 0.00	55.86 -0.40 -0.06	65.59 -0.07 0.00	49.20 -0.10 0.00	43.51 -0.26 0.00	34.51 -0.32 0.00	31.86 -0.28 0.00	24.57 -0.20 0.00

TRIGEN___CC 323695	30.73 1.78 0.00	32.09 1.77 0.00	31.62 1.64 0.00	28.38 1.41 0.00	33.80 1.55 0.00	49.18 2.16 0.00	40.59 2.03 0.00	54.27 2.43 0.00	50.65 2.66 0.16	40.55 2.23 0.00	42.13 2.60 0.00	39.61 2.11 -3.73	52.10 2.76 -0.90	40.60 2.26 0.12	39.27 2.17 0.00	39.66 2.37 0.00	68.73 4.54 0.00	60.15 3.94 0.00	70.42 4.76 0.00	52.65 3.35 0.00	46.28 2.51 0.00	36.84 2.02 0.00	33.87 1.73 0.00	25.95 1.19 0.00
TRINITY___115KV___4 BK 55933	29.54 0.59 0.00	30.94 0.62 0.00	30.62 0.64 0.00	27.51 0.54 0.00	32.83 0.57 0.00	47.71 0.70 0.00	39.27 0.72 0.00	53.03 1.19 0.00	49.43 1.28 0.00	39.13 0.81 0.00	40.40 0.87 0.00	34.47 0.69 0.00	49.41 0.96 0.00	39.19 0.72 0.00	37.87 0.77 0.00	38.18 0.89 0.00	65.96 1.77 0.00	57.93 1.72 0.00	67.76 2.10 0.00	50.82 1.52 0.00	44.88 1.11 0.00	35.64 0.81 0.00	32.80 0.66 0.00	25.14 0.38 0.00
UNION___PROCESSING_DRP 323587	28.57 -0.38 0.00	29.97 -0.35 0.00	29.57 -0.41 0.00	26.64 -0.33 0.00	31.90 -0.35 0.00	47.23 0.22 0.00	38.40 -0.15 0.00	51.55 -0.29 0.00	47.73 -0.42 0.00	38.07 -0.25 0.00	39.01 -0.23 0.30	33.31 -0.16 0.30	46.33 -0.08 2.03	37.26 -0.04 1.17	36.85 -0.25 0.00	36.53 -0.72 0.04	60.59 -1.91 1.70	51.23 -1.34 3.65	65.09 -0.57 0.00	48.82 -0.49 0.00	43.08 -0.69 0.00	34.13 -0.70 0.00	31.74 -0.40 0.00	24.71 -0.05 0.00
UPPER HUDSON___HYD 24058	30.73 1.78 0.00	32.15 1.82 0.00	31.85 1.87 0.00	28.64 1.66 0.00	34.29 2.03 0.00	49.91 2.89 0.00	41.13 2.58 0.00	55.56 3.72 0.00	51.80 3.65 0.00	40.78 2.47 0.00	42.22 2.68 0.00	35.91 2.13 0.00	51.38 2.93 0.00	40.71 2.24 0.00	39.30 2.21 0.00	39.64 2.35 0.00	68.63 4.44 0.00	60.37 4.16 0.00	70.85 5.19 0.00	53.30 3.99 0.00	47.08 3.30 0.00	37.26 2.43 0.00	34.26 2.12 0.00	26.20 1.44 0.00
UPPER RAQUET___HYD 24056	28.70 -0.25 0.00	30.11 -0.22 0.00	29.77 -0.22 0.00	26.85 -0.12 0.00	32.45 0.20 0.00	47.40 0.38 0.00	38.77 0.22 0.00	51.67 -0.16 0.00	47.68 -0.47 0.00	37.96 -0.36 0.00	38.71 -0.82 0.00	33.24 -0.53 0.00	47.49 -0.95 0.00	37.68 -0.79 0.00	36.14 -0.96 0.00	36.25 -1.05 0.00	62.61 -1.59 0.00	55.02 -1.19 0.00	64.30 -1.36 0.00	48.33 -0.98 0.00	43.15 -0.63 0.00	34.65 -0.17 0.00	32.07 -0.07 0.00	24.89 0.12 0.00
VALLEY44_115KV_TB2 355964	28.79 -0.17 0.00	30.12 -0.20 0.00	29.63 -0.35 0.00	26.66 -0.31 0.00	31.95 -0.30 0.00	47.42 0.41 0.00	38.56 0.01 0.00	51.58 -0.26 0.00	47.82 -0.33 0.00	37.90 -0.42 0.00	43.73 -0.28 -4.48	37.95 -0.41 -4.58	78.96 -0.39 -30.90	56.26 -0.04 -17.83	36.69 -0.41 0.00	36.20 -1.02 0.07	58.89 -2.45 2.86	47.76 -2.40 6.04	64.18 -1.48 0.00	48.01 -1.30 0.00	42.30 -1.47 0.00	33.50 -1.33 0.00	31.36 -0.78 0.00	24.55 -0.22 0.00
VALLEY___115KV_TB 1-4 80826	29.19 0.24 0.00	30.62 0.30 0.00	30.46 0.48 0.00	27.35 0.38 0.00	32.58 0.33 0.00	47.42 0.40 0.00	38.94 0.39 0.00	52.36 0.52 0.00	48.81 0.66 0.00	38.21 -0.11 0.00	39.26 -0.27 0.00	33.59 -0.19 0.00	48.46 0.01 0.00	38.46 -0.01 0.00	37.30 0.20 0.00	37.61 0.32 0.00	64.71 0.52 0.00	56.89 0.68 0.00	67.09 1.43 0.00	50.36 1.06 0.00	44.47 0.70 0.00	35.27 0.44 0.00	32.41 0.27 0.00	24.87 0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.88 0.93 0.00	31.29 0.97 0.00	30.98 0.99 0.00	27.84 0.87 0.00	33.24 0.99 0.00	48.43 1.42 0.00	39.87 1.32 0.00	53.61 1.77 0.00	49.87 1.72 0.00	39.57 1.25 0.00	41.22 1.45 -0.24	35.27 1.24 -0.25	51.94 1.82 -1.67	40.84 1.41 -0.96	38.49 1.39 0.00	38.72 1.40 -0.03	68.01 2.49 -1.33	61.34 2.29 -2.84	68.58 2.92 0.00	51.38 2.07 0.00	45.40 1.62 0.00	36.09 1.26 0.00	33.28 1.15 0.00	25.62 0.85 0.00
VISCHER___FERRY HYD 24020	30.14 1.19 0.00	31.56 1.24 0.00	31.24 1.26 0.00	28.06 1.09 0.00	33.51 1.26 0.00	48.69 1.68 0.00	40.00 1.45 0.00	53.97 2.13 0.00	50.25 2.11 0.00	39.81 1.49 0.00	41.08 1.54 0.00	35.03 1.26 0.00	50.26 1.82 0.00	39.84 1.37 0.00	38.48 1.38 0.00	38.78 1.49 0.00	66.97 2.77 0.00	58.84 2.63 0.00	68.90 3.24 0.00	51.70 2.40 0.00	45.71 1.94 0.00	36.29 1.46 0.00	33.41 1.27 0.00	25.60 0.84 0.00
V_A_10_SYNC_DSASP 323832	27.82 -1.13 0.00	29.24 -1.09 0.00	28.86 -1.13 0.00	26.02 -0.96 0.00	31.16 -1.09 0.00	46.34 -0.67 0.00	37.45 -1.10 0.00	50.14 -1.70 0.00	46.32 -1.83 0.00	37.04 -1.28 0.00	37.00 -1.28 1.26	31.41 -1.08 1.29	38.43 -1.32 8.69	32.42 -1.04 5.01	35.83 -1.27 0.00	35.38 -1.87 0.05	58.23 -4.11 1.86	48.85 -3.33 4.03	62.87 -2.79 0.00	47.14 -2.16 0.00	41.60 -2.17 0.00	32.98 -1.85 0.00	30.85 -1.29 0.00	24.18 -0.59 0.00
V_CMM_10_SYNC_DSASP 323787	28.73 -0.22 0.00	30.14 -0.18 0.00	29.78 -0.20 0.00	26.81 -0.16 0.00	32.26 0.00 0.00	47.05 0.04 0.00	38.51 -0.04 0.00	51.67 -0.17 0.00	47.73 -0.41 0.00	38.24 -0.08 0.00	39.17 -0.36 0.00	33.57 -0.21 0.00	48.07 -0.38 0.00	38.21 -0.26 0.00	36.80 -0.30 0.00	36.97 -0.32 0.00	63.57 -0.62 0.00	55.65 -0.56 0.00	64.79 -0.88 0.00	48.67 -0.63 0.00	43.48 -0.29 0.00	34.78 -0.05 0.00	32.13 -0.01 0.00	24.84 0.08 0.00
V_CMP_10_SYNC_DSASP 323788	27.68 -1.27 0.00	29.08 -1.25 0.00	28.86 -1.13 0.00	25.95 -1.02 0.00	32.32 0.06 0.00	48.03 1.01 0.00	39.99 1.44 0.00	53.37 1.53 0.00	49.33 1.18 0.00	39.10 0.78 0.00	40.09 0.56 0.00	34.24 0.46 0.00	47.98 -0.46 0.00	38.39 -0.08 0.00	37.38 0.28 0.00	37.92 0.63 0.00	65.92 1.73 0.00	57.90 1.70 0.00	68.08 2.42 0.00	50.41 1.11 0.00	44.48 0.71 0.00	36.09 1.27 0.00	33.08 0.94 0.00	25.48 0.72 0.00
V_D_10_SYNC_DSASP 323841	28.88 -0.08 0.00	30.29 -0.04 0.00	29.93 -0.05 0.00	26.96 -0.02 0.00	32.45 0.19 0.00	47.34 0.32 0.00	38.75 0.19 0.00	51.92 0.08 0.00	47.97 -0.18 0.00	38.38 0.05 0.00	39.26 -0.28 0.00	33.67 -0.11 0.00	48.20 -0.25 0.00	38.31 -0.16 0.00	36.87 -0.23 0.00	37.02 -0.27 0.00	63.73 -0.47 0.00	55.82 -0.39 0.00	65.04 -0.62 0.00	48.87 -0.43 0.00	43.65 -0.12 0.00	34.93 0.11 0.00	32.28 0.14 0.00	24.98 0.21 0.00
V_E_10_SYNC_DSASP 323830	30.01 1.06 0.00	31.21 0.89 0.00	31.38 1.40 0.00	28.23 1.26 0.00	33.91 1.66 0.00	49.52 2.51 0.00	40.76 2.21 0.00	54.79 2.95 0.00	50.70 2.55 0.00	39.99 1.68 0.00	41.83 1.82 -0.48	36.14 1.88 -0.49	54.89 3.14 -3.30	42.31 1.93 -1.91	39.23 2.13 0.00	39.44 1.99 -0.15	73.74 3.57 -5.97	72.94 3.89 -12.85	71.06 5.40 0.00	53.10 3.80 0.00	46.66 2.88 0.00	36.90 2.08 0.00	34.02 1.88 0.00	26.28 1.51 0.00
V_F_30_NSYNC___DSASP 323816	30.52 1.57 0.00	31.95 1.63 0.00	31.62 1.64 0.00	28.41 1.44 0.00	33.99 1.73 0.00	49.45 2.44 0.00	40.71 2.15 0.00	54.96 3.12 0.00	51.15 3.00 0.00	40.33 2.01 0.00	41.58 2.05 0.00	35.44 1.66 0.00	50.82 2.38 0.00	40.34 1.87 0.00	38.97 1.87 0.00	39.29 2.00 0.00	67.98 3.78 0.00	59.74 3.53 0.00	70.06 4.40 0.00	52.59 3.29 0.00	46.45 2.68 0.00	36.85 2.02 0.00	33.90 1.76 0.00	25.97 1.21 0.00

V_F_30_SYNC_DSASP 323786	29.63 0.68 0.00	31.02 0.70 0.00	30.70 0.71 0.00	27.58 0.61 0.00	32.91 0.66 0.00	47.87 0.85 0.00	39.42 0.87 0.00	53.23 1.39 0.00	49.59 1.44 0.00	39.26 0.94 0.00	40.53 0.99 0.00	34.57 0.79 0.00	49.57 1.12 0.00	39.34 0.87 0.00	38.02 0.92 0.00	38.33 1.04 0.00	66.22 2.03 0.00	58.15 1.94 0.00	68.02 2.36 0.00	51.01 1.70 0.00	45.03 1.26 0.00	35.75 0.93 0.00	32.90 0.76 0.00	25.21 0.45 0.00
V_XM_10_SYNC_DSASP 323789	27.68 -1.27 0.00	29.08 -1.25 0.00	28.86 -1.13 0.00	25.95 -1.02 0.00	32.32 0.06 0.00	48.03 1.01 0.00	39.99 1.44 0.00	53.37 1.53 0.00	49.33 1.18 0.00	39.10 0.78 0.00	40.09 0.56 0.00	34.24 0.46 0.00	47.98 -0.46 0.00	38.39 -0.08 0.00	37.38 0.28 0.00	37.92 0.63 0.00	65.92 1.73 0.00	57.90 1.70 0.00	68.08 2.42 0.00	50.41 1.11 0.00	44.48 0.71 0.00	36.09 1.27 0.00	33.08 0.94 0.00	25.48 0.72 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.27 1.32 0.00	31.57 1.25 0.00	31.12 1.13 0.00	27.96 0.99 0.00	33.29 1.04 0.00	48.59 1.58 0.00	40.20 1.64 0.00	54.01 2.17 0.00	50.44 2.30 0.00	39.83 1.51 0.00	41.21 1.68 0.00	28.97 1.33 6.13	48.90 1.93 1.47	40.17 1.70 0.00	38.71 1.61 0.00	39.09 1.80 0.00	67.73 3.53 0.00	59.18 2.98 0.00	69.29 3.63 0.00	51.80 2.49 0.00	45.57 1.80 0.00	36.24 1.41 0.00	33.40 1.26 0.00	25.69 0.92 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.56 1.61 0.00	31.87 1.55 0.00	31.42 1.44 0.00	28.23 1.26 0.00	33.59 1.34 0.00	48.96 1.95 0.00	40.49 1.94 0.00	54.48 2.64 0.00	50.98 2.83 0.00	40.44 2.12 0.00	41.93 2.40 0.00	39.43 1.96 -3.70	52.16 2.82 -0.89	40.80 2.33 0.00	39.32 2.22 0.00	39.69 2.39 0.00	68.62 4.42 0.00	60.03 3.82 0.00	70.23 4.57 0.00	52.46 3.16 0.00	46.13 2.35 0.00	36.73 1.90 0.00	33.84 1.70 0.00	26.00 1.24 0.00
W50THST__13_KV_LOAD 356117	30.79 1.83 0.00	32.10 1.77 0.00	31.64 1.66 0.00	28.42 1.45 0.00	33.81 1.56 0.00	49.32 2.31 0.00	40.84 2.29 0.00	55.02 3.18 0.00	51.52 3.37 0.00	40.89 2.57 0.00	42.42 2.89 0.00	39.87 2.40 -3.70	52.79 3.46 -0.89	41.30 2.83 0.00	39.78 2.68 0.00	40.12 2.83 0.00	69.37 5.17 0.00	60.67 4.46 0.00	70.95 5.29 0.00	52.93 3.63 0.00	46.51 2.74 0.00	37.03 2.21 0.00	34.13 1.99 0.00	26.20 1.44 0.00
WADING RIVER_IC_1 23522	31.15 2.20 0.00	32.58 2.26 0.00	32.09 2.10 0.00	28.78 1.80 0.00	34.27 2.02 0.00	49.71 2.70 0.00	40.97 2.42 0.00	54.40 2.56 0.00	50.24 2.70 0.61	40.80 2.48 0.00	42.51 2.98 0.00	40.03 2.52 -3.73	52.62 3.27 -0.90	40.16 2.21 0.52	38.99 1.89 0.00	39.52 2.23 0.00	69.44 5.25 0.00	61.28 5.07 0.00	71.86 6.20 0.00	53.68 4.38 0.00	47.04 3.27 0.00	37.33 2.50 0.00	34.22 2.08 0.00	26.19 1.43 0.00
WADING RIVER_IC_2 23547	31.15 2.20 0.00	32.58 2.26 0.00	32.09 2.10 0.00	28.78 1.80 0.00	34.27 2.02 0.00	49.71 2.70 0.00	40.97 2.42 0.00	54.40 2.56 0.00	50.24 2.70 0.61	40.80 2.48 0.00	42.51 2.98 0.00	40.03 2.52 -3.73	52.62 3.27 -0.90	40.16 2.21 0.52	38.99 1.89 0.00	39.52 2.23 0.00	69.44 5.25 0.00	61.28 5.07 0.00	71.86 6.20 0.00	53.68 4.38 0.00	47.04 3.27 0.00	37.33 2.50 0.00	34.22 2.08 0.00	26.19 1.43 0.00
WADING RIVER_IC_3 23601	31.15 2.20 0.00	32.58 2.26 0.00	32.09 2.10 0.00	28.78 1.80 0.00	34.27 2.02 0.00	49.71 2.70 0.00	40.97 2.42 0.00	54.40 2.56 0.00	50.24 2.70 0.61	40.80 2.48 0.00	42.51 2.98 0.00	40.03 2.52 -3.73	52.62 3.27 -0.90	40.16 2.21 0.52	38.99 1.89 0.00	39.52 2.23 0.00	69.44 5.25 0.00	61.28 5.07 0.00	71.86 6.20 0.00	53.68 4.38 0.00	47.04 3.27 0.00	37.33 2.50 0.00	34.22 2.08 0.00	26.19 1.43 0.00
WALDENNY_12_KV_BK2 80841	28.01 -0.94 0.00	29.43 -0.89 0.00	29.03 -0.95 0.00	26.19 -0.77 0.00	31.36 -0.90 0.00	46.80 -0.22 0.00	37.80 -0.75 0.00	50.54 -1.31 0.00	46.61 -1.54 0.00	37.31 -1.01 0.00	43.87 -1.06 -5.40	38.33 -0.99 -5.53	84.66 -1.12 -37.33	59.24 -0.76 -21.53	36.01 -1.09 0.00	35.42 -1.81 0.06	57.70 -3.97 2.53	47.64 -3.26 5.31	63.19 -2.47 0.00	47.29 -2.01 0.00	41.66 -2.11 0.00	33.01 -1.82 0.00	30.93 -1.21 0.00	24.28 -0.48 0.00
WALDEN__HYDRO 24148	30.22 1.27 0.00	31.54 1.21 0.00	31.11 1.13 0.00	27.95 0.98 0.00	33.29 1.03 0.00	48.55 1.53 0.00	40.12 1.57 0.00	53.98 2.14 0.00	50.40 2.25 0.00	39.86 1.54 0.00	41.22 1.69 0.00	33.55 1.36 1.59	49.99 1.93 0.38	40.11 1.64 0.00	38.69 1.59 0.00	39.04 1.75 0.00	67.56 3.36 0.00	59.18 2.98 0.00	69.33 3.67 0.00	51.88 2.58 0.00	45.67 1.90 0.00	36.30 1.48 0.00	33.45 1.31 0.00	25.71 0.94 0.00
WARRENSBURG____ 23737	30.73 1.78 0.00	32.15 1.82 0.00	31.85 1.87 0.00	28.64 1.66 0.00	34.29 2.03 0.00	49.91 2.89 0.00	41.13 2.58 0.00	55.56 3.72 0.00	51.80 3.65 0.00	40.78 2.47 0.00	42.22 2.68 0.00	35.91 2.13 0.00	51.38 2.93 0.00	40.71 2.24 0.00	39.30 2.21 0.00	39.64 2.35 0.00	68.63 4.44 0.00	60.37 4.16 0.00	70.85 5.19 0.00	53.30 3.99 0.00	47.08 3.30 0.00	37.26 2.43 0.00	34.26 2.12 0.00	26.20 1.44 0.00
WATERSIDE____6 8 9 23538	30.73 1.78 0.00	32.05 1.72 0.00	31.61 1.62 0.00	28.39 1.42 0.00	33.78 1.52 0.00	49.20 2.19 0.00	40.73 2.17 0.00	54.75 2.91 0.00	51.25 3.10 0.00	40.65 2.33 0.00	42.18 2.64 0.00	39.65 2.18 -3.69	52.47 3.14 -0.89	42.17 2.58 -1.12	40.24 2.46 -0.68	103.72 2.63 -63.79	69.00 4.81 0.00	60.34 4.14 0.00	70.59 4.94 0.00	52.70 3.39 0.00	46.36 2.59 0.00	36.98 2.15 -0.01	34.08 1.94 -0.01	26.19 1.42 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.15 0.20 0.00	30.53 0.21 0.00	30.27 0.29 0.00	27.20 0.23 0.00	32.44 0.19 0.00	47.23 0.22 0.00	38.82 0.27 0.00	52.25 0.41 0.00	48.63 0.48 0.00	38.26 -0.06 0.00	39.38 -0.15 0.00	33.65 -0.12 0.00	48.45 0.00 0.00	38.47 0.00 0.00	37.27 0.17 0.00	37.54 0.25 0.00	64.69 0.49 0.00	56.82 0.61 0.00	66.77 1.11 0.00	50.11 0.80 0.00	44.27 0.50 0.00	35.14 0.31 0.00	32.35 0.21 0.00	24.84 0.08 0.00
WATSON____69_KV_BK 1 55734	31.21 2.26 0.00	32.66 2.33 0.00	32.16 2.17 0.00	28.83 1.86 0.00	34.35 2.09 0.00	49.88 2.87 0.00	41.14 2.58 0.00	54.80 2.96 0.00	50.62 3.06 0.59	41.17 2.85 0.00	42.86 3.32 0.00	40.20 2.70 -3.73	52.70 3.36 -0.90	40.71 2.74 0.50	39.68 2.58 0.00	40.14 2.85 0.00	69.73 5.54 0.00	61.13 4.92 0.00	71.59 5.93 0.00	53.54 4.24 0.00	47.02 3.25 0.00	37.43 2.60 0.00	34.36 2.23 0.00	26.27 1.50 0.00
WDELAWARE__HYD 323627	30.39 1.44 0.00	31.71 1.39 0.00	31.28 1.29 0.00	28.11 1.14 0.00	33.47 1.22 0.00	48.88 1.87 0.00	40.41 1.85 0.00	54.48 2.64 0.00	51.67 3.52 0.00	40.77 2.45 0.00	42.11 2.58 0.00	34.97 2.19 1.00	51.24 3.04 0.24	41.01 2.54 0.00	39.62 2.52 0.00	39.96 2.66 0.00	67.90 3.70 0.00	59.61 3.40 0.00	69.86 4.20 0.00	52.26 2.96 0.00	46.02 2.24 0.00	36.57 1.74 0.00	33.70 1.56 0.00	25.89 1.12 0.00

WEST BABYLON___IC 23714	31.14 2.19 0.00	32.56 2.23 0.00	32.03 2.05 0.00	28.71 1.74 0.00	34.20 1.94 0.00	49.67 2.65 0.00	40.95 2.40 0.00	54.60 2.76 0.00	50.53 2.92 0.55	41.00 2.68 0.00	42.66 3.13 0.00	40.02 2.52 -3.73	52.48 3.14 -0.90	40.59 2.58 0.46	39.56 2.46 0.00	40.02 2.73 0.00	69.43 5.23 0.00	60.79 4.58 0.00	71.21 5.54 0.00	53.26 3.95 0.00	46.81 3.04 0.00	37.27 2.45 0.00	34.27 2.13 0.00	26.22 1.46 0.00
WEST CANADA___HYD 24049	29.01 0.06 0.00	30.38 0.06 0.00	30.05 0.06 0.00	27.03 0.06 0.00	32.31 0.06 0.00	47.06 0.05 0.00	38.63 0.08 0.00	51.95 0.11 0.00	48.32 0.17 0.00	38.36 0.04 0.00	39.59 0.06 0.00	33.83 0.05 0.00	48.54 0.10 0.00	38.52 0.06 0.00	37.17 0.07 0.00	37.37 0.07 0.00	64.33 0.13 0.00	56.38 0.17 0.00	65.97 0.31 0.00	49.51 0.20 0.00	43.87 0.10 0.00	34.90 0.07 0.00	32.21 0.07 0.00	24.79 0.02 0.00
WESTERN_NY_WIND 24143	28.46 -0.49 0.00	29.87 -0.45 0.00	29.45 -0.54 0.00	26.58 -0.40 0.00	31.83 -0.42 0.00	47.49 0.48 0.00	38.47 -0.08 0.00	51.63 -0.21 0.00	47.72 -0.43 0.00	38.16 -0.16 0.00	39.73 -0.29 -0.49	34.00 -0.28 -0.50	51.69 -0.15 -3.39	40.36 -0.06 -1.96	36.71 -0.39 0.00	35.92 -1.32 0.05	59.11 -3.00 2.08	49.69 -2.12 4.40	64.80 -0.85 0.00	48.67 -0.63 0.00	42.87 -0.90 0.00	33.95 -0.87 0.00	31.69 -0.45 0.00	24.81 0.04 0.00
WESTOVER___LESR 323668	29.04 0.09 0.00	30.36 0.03 0.00	29.98 0.00 0.00	26.98 0.01 0.00	32.18 -0.07 0.00	47.17 0.16 0.00	38.67 0.12 0.00	52.02 0.18 0.00	48.41 0.26 0.00	38.32 0.00 0.00	40.22 0.16 -0.53	34.41 0.09 -0.54	52.38 0.29 -3.64	40.83 0.25 -2.10	37.29 0.19 0.00	37.44 0.12 -0.02	65.32 0.20 -0.93	58.32 0.14 -1.97	66.34 0.67 0.00	49.70 0.39 0.00	43.86 0.08 0.00	34.83 0.01 0.00	32.20 0.06 0.00	24.83 0.06 0.00
WETHRSFD_WT_PWR 323626	27.81 -1.14 0.00	29.25 -1.08 0.00	28.81 -1.18 0.00	26.03 -0.94 0.00	31.18 -1.07 0.00	46.42 -0.60 0.00	37.67 -0.88 0.00	50.14 -1.70 0.00	46.03 -2.12 0.00	36.76 -1.56 0.00	42.25 -1.62 -4.33	36.80 -1.42 -4.44	76.64 -1.78 -29.98	54.44 -1.32 -17.29	35.44 -1.66 0.00	34.85 -2.35 0.09	56.01 -4.62 3.56	44.87 -3.80 7.53	62.69 -2.97 0.00	46.79 -2.51 0.00	41.09 -2.68 0.00	32.48 -2.34 0.00	30.41 -1.73 0.00	23.81 -0.96 0.00
WHAVSTOR_138KV_BK127 55557	30.17 1.22 0.00	31.46 1.14 0.00	31.02 1.03 0.00	27.86 0.89 0.00	33.17 0.92 0.00	48.40 1.39 0.00	40.03 1.47 0.00	53.78 1.94 0.00	50.21 2.06 0.00	39.64 1.33 0.00	41.03 1.50 0.00	28.79 1.18 6.16	48.65 1.69 1.48	39.99 1.52 0.00	38.53 1.43 0.00	38.90 1.61 0.00	67.39 3.19 0.00	58.90 2.69 0.00	68.94 3.28 0.00	51.55 2.25 0.00	45.36 1.58 0.00	36.07 1.25 0.00	33.26 1.12 0.00	25.59 0.82 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.17 1.22 0.00	31.46 1.14 0.00	31.02 1.03 0.00	27.86 0.89 0.00	33.17 0.92 0.00	48.40 1.39 0.00	40.03 1.47 0.00	53.78 1.94 0.00	50.21 2.06 0.00	39.64 1.33 0.00	41.03 1.50 0.00	28.79 1.18 6.16	48.65 1.69 1.48	39.99 1.52 0.00	38.53 1.43 0.00	38.90 1.61 0.00	67.39 3.19 0.00	58.90 2.69 0.00	68.94 3.28 0.00	51.55 2.25 0.00	45.36 1.58 0.00	36.07 1.25 0.00	33.26 1.12 0.00	25.59 0.82 0.00
WHITEHAL_115KV_TB1 80871	31.21 2.25 0.00	32.56 2.23 0.00	32.36 2.38 0.00	29.17 2.20 0.00	35.17 2.92 0.00	51.14 4.12 0.00	41.97 3.42 0.00	56.86 5.02 0.00	53.50 5.35 0.00	41.86 3.54 0.00	43.54 4.01 0.00	36.92 3.14 0.00	52.69 4.25 0.00	41.28 2.81 0.00	39.80 2.70 0.00	40.03 2.74 0.00	69.41 5.21 0.00	61.33 5.12 0.00	72.07 6.41 0.00	54.70 5.40 0.00	48.47 4.70 0.00	38.19 3.37 0.00	35.09 2.95 0.00	26.66 1.90 0.00
WHITEPLN_13_KV_LOAD 356215	30.70 1.75 0.00	32.03 1.70 0.00	31.57 1.59 0.00	28.35 1.37 0.00	33.75 1.49 0.00	49.21 2.20 0.00	40.69 2.14 0.00	54.79 2.95 0.00	51.26 3.11 0.00	40.66 2.34 0.00	42.13 2.59 0.00	39.97 2.12 -4.06	52.47 3.04 -0.98	40.97 2.50 0.00	39.49 2.39 0.00	39.87 2.57 0.00	68.99 4.79 0.00	60.37 4.16 0.00	70.64 4.98 0.00	52.76 3.46 0.00	46.38 2.61 0.00	36.90 2.07 0.00	33.97 1.83 0.00	26.09 1.32 0.00
WM_FLOYD_69_KV_BK2 356380	31.10 2.15 0.00	32.54 2.22 0.00	32.04 2.06 0.00	28.73 1.76 0.00	34.23 1.98 0.00	49.66 2.65 0.00	40.93 2.38 0.00	54.39 2.55 0.00	50.25 2.72 0.61	40.82 2.50 0.00	42.52 2.98 0.00	40.01 2.50 -3.73	52.53 3.19 -0.90	40.21 2.26 0.52	39.07 1.97 0.00	39.58 2.29 0.00	69.32 5.12 0.00	61.10 4.89 0.00	71.63 5.97 0.00	53.54 4.23 0.00	46.93 3.15 0.00	37.26 2.44 0.00	34.17 2.03 0.00	26.14 1.38 0.00
WOODARD___115KV_TB2 355635	28.56 -0.39 0.00	29.90 -0.42 0.00	29.55 -0.44 0.00	26.59 -0.39 0.00	31.80 -0.46 0.00	46.47 -0.54 0.00	38.01 -0.54 0.00	51.12 -0.72 0.00	47.48 -0.67 0.00	37.71 -0.61 0.00	38.98 -0.55 0.00	33.32 -0.46 0.00	47.84 -0.61 0.00	37.98 -0.49 0.00	36.58 -0.52 0.00	36.70 -0.59 0.00	63.09 -1.11 0.00	55.38 -0.82 0.00	65.05 -0.61 0.00	48.80 -0.51 0.00	43.17 -0.60 0.00	34.26 -0.57 0.00	31.62 -0.51 0.00	24.39 -0.37 0.00
YORK___WARBASSE 23770	30.72 1.77 0.00	32.02 1.70 0.00	31.57 1.59 0.00	28.36 1.39 0.00	33.72 1.47 0.00	49.17 2.15 0.00	40.74 2.19 0.00	54.85 3.01 0.00	51.32 3.17 0.00	40.72 2.40 0.00	42.27 2.73 0.00	39.72 2.25 -3.69	52.56 3.23 -0.89	42.21 2.62 -1.12	40.32 2.54 -0.68	103.83 2.75 -63.79	69.21 5.01 0.00	60.52 4.31 0.00	70.80 5.14 0.00	52.86 3.56 0.00	46.53 2.76 0.00	37.13 2.30 -0.01	34.19 2.04 -0.01	26.21 1.44 0.00