

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

08/21/2023

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	28.07	21.08	17.67	16.35	15.14	16.66	19.63	20.51	28.54	32.04	32.41	29.52	29.54	29.88	39.44	44.45	42.26	46.57	64.75	36.76	43.59	38.23	34.77	34.15
24138	1.24	0.90	0.70	0.63	0.65	0.71	0.91	1.09	1.56	1.90	2.20	2.16	2.25	2.37	3.19	3.88	3.65	3.99	5.44	2.83	3.32	2.80	2.49	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.66	0.00	0.00	0.00	-0.23	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.17	21.18	17.74	16.43	15.20	16.73	19.69	20.56	28.59	32.07	32.46	29.60	29.60	29.95	39.54	44.56	42.38	46.71	64.95	36.89	43.74	38.35	34.92	34.30
24260	1.34	1.00	0.77	0.70	0.70	0.78	0.96	1.13	1.61	1.93	2.25	2.23	2.32	2.45	3.29	3.98	3.77	4.13	5.63	2.96	3.47	2.92	2.64	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.66	0.00	0.00	0.00	-0.23	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	28.17	21.18	17.74	16.43	15.20	16.73	19.69	20.56	28.59	32.07	32.46	29.60	29.60	29.95	39.54	44.56	42.38	46.71	64.95	36.89	43.74	38.35	34.92	34.30
24261	1.34	1.00	0.77	0.70	0.70	0.78	0.96	1.13	1.61	1.93	2.25	2.23	2.32	2.45	3.29	3.98	3.77	4.13	5.63	2.96	3.47	2.92	2.64	2.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	-0.66	0.00	0.00	0.00	-0.23	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	28.08	20.96	17.53	16.28	15.01	16.55	19.46	20.17	27.64	29.87	31.20	28.38	28.39	28.09	37.88	42.80	40.70	44.86	62.75	36.05	42.96	37.50	34.03	33.57
24011	1.25	0.77	0.56	0.56	0.52	0.61	0.74	0.75	0.92	1.10	0.98	1.01	1.11	1.07	1.77	2.23	2.09	2.29	3.44	2.12	2.69	2.07	1.75	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.71	0.00	0.00	0.00	0.24	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	28.26	21.06	17.64	16.41	15.14	16.70	19.66	20.32	27.82	30.10	31.44	28.59	28.64	28.34	38.26	43.33	41.18	45.39	63.37	36.37	43.37	37.82	34.30	33.82
23798	1.43	0.88	0.67	0.69	0.65	0.75	0.94	0.90	1.10	1.32	1.23	1.23	1.36	1.31	2.15	2.75	2.57	2.81	4.06	2.44	3.10	2.39	2.02	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.70	0.00	0.00	0.00	0.24	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	28.08	20.96	17.53	16.28	15.01	16.55	19.46	20.17	27.64	29.87</														

ALBANY___4 23574	26.78 -0.04 0.00	20.17 -0.02 0.00	16.97 0.00 0.00	15.75 0.03 0.00	14.54 0.04 0.00	15.99 0.04 0.00	18.73 0.01 0.00	19.51 0.09 0.00	26.74 0.00 0.11	28.92 0.05 0.60	30.23 0.01 0.00	27.46 0.09 0.00	27.38 0.10 0.00	27.25 0.18 0.21	36.49 0.37 0.06	41.09 0.52 0.00	39.05 0.44 0.00	43.09 0.51 0.00	60.24 0.92 0.00	34.48 0.55 0.00	41.02 0.75 0.00	35.95 0.52 0.00	32.78 0.50 0.00	32.44 0.41 0.00
ALBANY___LFGE 323615	27.08 0.25 0.00	20.37 0.18 0.00	17.15 0.18 0.00	15.90 0.18 0.00	14.69 0.19 0.00	16.15 0.20 0.00	18.93 0.22 0.00	19.73 0.31 0.00	27.05 0.32 0.12	29.24 0.41 0.65	30.62 0.41 0.00	27.84 0.47 0.00	27.78 0.49 0.00	27.62 0.58 0.22	37.00 0.88 0.07	41.69 1.12 0.00	39.64 1.03 0.00	43.73 1.14 0.00	61.10 1.79 0.00	34.95 1.02 0.00	41.57 1.30 0.00	36.41 0.98 0.00	33.17 0.89 0.00	32.81 0.78 0.00
ALCOA_PA_115KV_PL-6C 55860	23.44 -3.39 0.00	17.89 -2.29 0.00	15.06 -1.91 0.00	14.04 -1.69 0.00	12.84 -1.65 0.00	14.46 -1.48 0.00	17.20 -1.52 0.00	17.92 -1.50 0.00	25.10 -1.76 0.00	26.73 -2.75 0.00	27.02 -3.20 0.00	24.68 -2.69 0.00	24.53 -2.75 0.00	24.31 -2.96 0.00	32.31 -3.87 0.00	39.87 -0.71 0.00	38.43 -0.18 0.00	42.39 -0.19 0.00	59.00 -0.31 0.00	33.81 -0.12 0.00	40.00 -0.27 0.00	35.29 -0.14 0.00	31.97 -0.31 0.00	31.69 -0.33 0.00
ALCOA_RYNLDS___DRP 24188	23.44 -3.39 0.00	17.89 -2.29 0.00	15.06 -1.91 0.00	14.04 -1.69 0.00	12.84 -1.65 0.00	14.46 -1.48 0.00	17.20 -1.52 0.00	17.92 -1.50 0.00	25.10 -1.76 0.00	26.73 -2.75 0.00	27.02 -3.20 0.00	24.68 -2.69 0.00	24.53 -2.75 0.00	24.31 -2.96 0.00	32.31 -3.87 0.00	39.87 -0.71 0.00	38.43 -0.18 0.00	42.39 -0.19 0.00	59.00 -0.31 0.00	33.81 -0.12 0.00	40.00 -0.27 0.00	35.29 -0.14 0.00	31.97 -0.31 0.00	31.69 -0.33 0.00
ALCOA___DSASP 323711	23.43 -3.39 0.00	17.89 -2.29 0.00	15.06 -1.91 0.00	14.04 -1.69 0.00	12.84 -1.65 0.00	14.46 -1.48 0.00	17.20 -1.52 0.00	17.92 -1.50 0.00	25.10 -1.76 0.00	26.73 -2.75 0.00	27.02 -3.20 0.00	24.68 -2.69 0.00	24.53 -2.75 0.00	24.31 -2.96 0.00	32.31 -3.87 0.00	39.87 -0.71 0.00	38.43 -0.18 0.00	42.39 -0.19 0.00	59.01 -0.31 0.00	33.81 -0.11 0.00	40.01 -0.27 0.00	35.29 -0.14 0.00	31.97 -0.31 0.00	31.69 -0.33 0.00
ALLEGHENY___COGEN 23514	29.07 2.24 0.00	21.87 1.69 0.00	18.31 1.34 0.00	16.90 1.18 0.00	15.43 0.94 0.00	17.10 1.15 0.00	20.23 1.51 0.00	20.95 1.53 0.00	29.21 2.35 0.00	31.41 1.94 0.00	31.69 1.48 0.00	27.93 0.56 0.00	27.42 0.14 0.00	27.19 -0.09 0.00	35.77 -0.41 0.00	39.78 -0.80 0.00	37.92 -0.69 0.00	41.81 -0.77 0.00	58.47 -0.84 0.00	34.05 0.12 0.00	41.04 0.77 0.00	36.93 1.49 0.00	34.15 1.87 0.00	33.76 1.73 0.00
ALTAMONT_115KV_TB 2 55880	27.24 0.41 0.00	20.49 0.31 0.00	17.25 0.28 0.00	15.99 0.26 0.00	14.75 0.26 0.00	16.22 0.27 0.00	19.02 0.30 0.00	19.79 0.37 0.00	27.22 0.44 0.08	29.57 0.51 0.42	30.73 0.52 0.00	27.90 0.54 0.00	27.82 0.53 0.00	27.73 0.61 0.14	37.02 0.88 0.04	41.67 1.10 0.00	39.60 0.99 0.00	43.69 1.11 0.00	61.04 1.73 0.00	34.95 1.02 0.00	41.57 1.30 0.00	36.48 1.05 0.00	33.28 1.00 0.00	32.92 0.90 0.00
ALTONA_WT_PWR 323606	23.22 -3.61 0.00	17.89 -2.29 0.00	15.10 -1.87 0.00	14.20 -1.53 0.00	12.98 -1.51 0.00	14.66 -1.29 0.00	17.42 -1.30 0.00	18.20 -1.22 0.00	25.69 -1.17 0.00	27.68 -1.79 0.00	27.98 -2.23 0.00	25.58 -1.79 0.00	25.35 -1.94 0.00	25.08 -2.19 0.00	33.38 -2.80 0.00	40.96 0.38 0.00	39.77 1.16 0.00	43.92 1.34 0.00	60.96 1.65 0.00	35.05 1.12 0.00	41.42 1.15 0.00	36.31 0.87 0.00	32.96 0.68 0.00	32.72 0.70 0.00
AMERICAN_REF_FUEL 24010	27.64 0.81 0.00	20.88 0.70 0.00	17.46 0.50 0.00	16.07 0.35 0.00	14.61 0.12 0.00	16.07 0.12 0.00	18.99 0.27 0.00	19.46 0.04 0.00	27.49 0.63 0.00	29.97 0.49 0.00	30.21 -0.01 0.00	26.80 -0.57 0.00	26.64 -0.65 0.00	26.27 -1.00 0.00	34.57 -1.61 0.00	38.03 -2.55 0.00	36.29 -2.32 0.00	39.74 -2.84 0.00	54.52 -4.79 0.00	31.39 -2.54 0.00	37.84 -2.43 0.00	33.43 -2.00 0.00	31.32 -0.96 0.00	31.32 -0.71 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.25 1.42 0.00	21.32 1.14 0.00	17.83 0.86 0.00	16.46 0.74 0.00	15.06 0.57 0.00	16.59 0.65 0.00	19.68 0.96 0.00	20.42 0.99 0.00	28.85 1.99 0.00	31.63 2.15 0.00	32.19 1.98 0.00	28.61 1.24 0.00	28.60 1.32 0.00	28.30 1.03 0.00	37.44 1.25 0.00	40.82 0.24 0.00	38.85 0.24 0.00	42.63 0.05 0.00	58.46 -0.85 0.00	33.49 -0.43 0.00	40.08 -0.19 0.00	35.25 -0.19 0.00	32.58 0.30 0.00	32.25 0.23 0.00
ARTHUR_KILL_GT_1 23520	28.12 1.29 0.00	21.16 0.97 0.00	17.71 0.74 0.00	16.35 0.62 0.00	15.08 0.59 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.38 0.95 0.00	28.16 1.33 0.02	30.79 1.60 0.29	30.09 1.87 2.00	29.38 2.01 -0.01	29.36 2.07 0.00	29.70 2.20 -0.23	39.05 2.80 -0.06	39.10 3.37 4.85	41.70 3.33 0.24	46.25 3.67 0.00	60.38 4.76 3.69	34.00 2.58 2.51	37.88 2.90 5.29	33.08 2.48 4.83	31.06 2.32 3.54	31.87 2.02 2.18
ARTHUR_KILL_2 23512	28.03 1.20 0.00	21.09 0.91 0.00	17.65 0.68 0.00	16.30 0.57 0.00	15.04 0.54 0.00	16.54 0.59 0.00	19.46 0.74 0.00	20.31 0.89 0.00	28.06 1.23 0.02	30.69 1.49 0.29	29.98 1.76 2.00	29.28 1.90 -0.01	29.25 1.96 0.00	29.58 2.08 -0.23	38.88 2.63 -0.06	38.91 3.18 4.85	41.51 3.15 0.24	46.05 3.47 0.00	60.11 4.48 3.69	33.85 2.43 2.51	37.70 2.72 5.29	32.92 2.32 4.83	30.93 2.19 3.54	31.75 1.90 2.18
ARTHUR_KILL_3 23513	27.78 0.96 0.00	20.88 0.70 0.00	17.49 0.52 0.00	16.20 0.47 0.00	15.00 0.50 0.00	16.49 0.54 0.00	19.42 0.70 0.00	20.28 0.85 0.00	28.02 1.18 0.02	31.53 1.44 -0.61	31.29 1.76 0.68	29.17 1.79 0.00	29.16 1.87 0.00	29.48 1.98 -0.23	38.89 2.64 -0.07	38.95 3.24 4.86	41.44 3.08 0.24	45.96 3.39 0.00	59.35 4.66 4.62	32.42 2.41 3.92	32.58 2.80 10.50	32.91 2.31 4.84	30.86 2.12 3.54	31.62 1.77 2.18
ARTHUR_KILL_COGEN 323718	28.12 1.29 0.00	21.16 0.97 0.00	17.71 0.74 0.00	16.35 0.62 0.00	15.08 0.59 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.38 0.95 0.00	28.16 1.33 0.02	30.79 1.60 0.29	30.09 1.87 2.00	29.38 2.01 -0.01	29.36 2.07 0.00	29.70 2.20 -0.23	39.05 2.80 -0.06	39.10 3.37 4.85	41.70 3.33 0.24	46.25 3.67 0.00	60.38 4.76 3.69	34.00 2.58 2.51	37.88 2.90 5.29	33.08 2.48 4.83	31.06 2.32 3.54	31.87 2.02 2.18
ASHOKAN____ 23654	27.47 0.64 0.00	20.51 0.33 0.00	17.25 0.28 0.00	15.99 0.27 0.00	14.80 0.31 0.00	16.27 0.32 0.00	19.21 0.49 0.00	20.18 0.75 0.00	28.05 1.20 0.00	30.88 1.40 0.00	31.40 1.19 0.00	28.45 1.08 0.00	28.33 1.04 0.00	28.53 1.26 0.00	38.18 2.00 0.00	42.61 2.03 0.00	40.66 2.05 0.00	45.03 2.45 0.00	63.22 3.91 0.00	36.24 2.31 0.00	43.15 2.88 0.00	37.73 2.29 0.00	34.28 2.00 0.00	33.81 1.78 0.00

ASTORIA_EAST_ENERGY_CC1 323581	27.99 1.16 0.00	21.08 0.90 0.00	17.66 0.69 0.00	16.35 0.62 0.00	15.12 0.63 0.00	16.63 0.69 0.00	19.54 0.82 0.00	20.39 0.97 0.00	28.33 1.34 -0.12	31.74 1.60 -0.66	32.15 1.93 0.00	29.33 1.97 0.00	29.33 2.05 0.00	29.66 2.16 -0.23	39.08 2.83 -0.07	44.10 3.52 0.00	41.98 3.37 0.00	46.24 3.66 0.00	64.31 5.00 0.00	36.58 2.65 0.00	43.36 3.09 0.00	38.04 2.61 0.00	34.66 2.38 0.00	34.07 2.05 0.00
ASTORIA_EAST_ENERGY_CC2 323582	27.99 1.16 0.00	21.08 0.90 0.00	17.66 0.69 0.00	16.35 0.62 0.00	15.12 0.63 0.00	16.63 0.69 0.00	19.54 0.82 0.00	20.39 0.97 0.00	28.33 1.34 -0.12	31.74 1.60 -0.66	32.15 1.93 0.00	29.33 1.97 0.00	29.33 2.05 0.00	29.66 2.16 -0.23	39.08 2.83 -0.07	44.10 3.52 0.00	41.98 3.37 0.00	46.24 3.66 0.00	64.31 5.00 0.00	36.58 2.65 0.00	43.36 3.09 0.00	38.04 2.61 0.00	34.66 2.38 0.00	34.07 2.05 0.00
ASTORIA_GT2_1 24094	28.00 1.18 0.00	21.10 0.92 0.00	17.67 0.70 0.00	16.35 0.63 0.00	15.12 0.63 0.00	16.64 0.69 0.00	19.56 0.84 0.00	20.40 0.98 0.00	28.34 1.36 -0.12	31.76 1.62 -0.66	32.17 1.96 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.68 2.17 -0.23	39.09 2.84 -0.07	44.12 3.54 0.00	42.00 3.39 0.00	46.28 3.70 0.00	64.35 5.03 0.00	36.59 2.66 0.00	43.38 3.11 0.00	38.07 2.63 0.00	34.67 2.39 0.00	34.09 2.06 0.00
ASTORIA_GT2_2 24095	28.00 1.18 0.00	21.10 0.92 0.00	17.67 0.70 0.00	16.35 0.63 0.00	15.12 0.63 0.00	16.64 0.69 0.00	19.56 0.84 0.00	20.40 0.98 0.00	28.34 1.36 -0.12	31.76 1.62 -0.66	32.17 1.96 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.68 2.17 -0.23	39.09 2.84 -0.07	44.12 3.54 0.00	42.00 3.39 0.00	46.28 3.70 0.00	64.35 5.03 0.00	36.59 2.66 0.00	43.38 3.11 0.00	38.07 2.63 0.00	34.67 2.39 0.00	34.09 -2.06 0.00
ASTORIA_GT2_3 24096	28.00 1.18 0.00	21.10 0.92 0.00	17.67 0.70 0.00	16.35 0.63 0.00	15.12 0.63 0.00	16.64 0.69 0.00	19.56 0.84 0.00	20.40 0.98 0.00	28.34 1.36 -0.12	31.76 1.62 -0.66	32.17 1.96 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.68 2.17 -0.23	39.09 2.84 -0.07	44.12 3.54 0.00	42.00 3.39 0.00	46.28 3.70 0.00	64.35 5.03 0.00	36.59 2.66 0.00	43.38 3.11 0.00	38.07 2.63 0.00	34.67 2.39 0.00	34.09 2.06 0.00
ASTORIA_GT2_4 24097	28.00 1.18 0.00	21.10 0.92 0.00	17.67 0.70 0.00	16.35 0.63 0.00	15.12 0.63 0.00	16.64 0.69 0.00	19.56 0.84 0.00	20.40 0.98 0.00	28.34 1.36 -0.12	31.76 1.62 -0.66	32.17 1.96 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.68 2.17 -0.23	39.09 2.84 -0.07	44.12 3.54 0.00	42.00 3.39 0.00	46.28 3.70 0.00	64.35 5.03 0.00	36.59 2.66 0.00	43.38 3.11 0.00	38.07 2.63 0.00	34.67 2.39 0.00	34.09 2.06 0.00
ASTORIA_GT3_1 24098	28.00 1.18 0.00	21.10 0.92 0.00	17.67 0.70 0.00	16.35 0.63 0.00	15.12 0.63 0.00	16.64 0.69 0.00	19.56 0.84 0.00	20.40 0.98 0.00	28.34 1.36 -0.12	31.76 1.62 -0.66	32.17 1.96 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.68 2.17 -0.23	39.09 2.84 -0.07	44.12 3.54 0.00	42.00 3.39 0.00	46.28 3.70 0.00	64.35 5.03 0.00	36.59 2.66 0.00	43.38 3.11 0.00	38.07 2.63 0.00	34.67 2.39 0.00	34.09 2.06 0.00
ASTORIA_GT3_2 24099	28.00 1.18 0.00	21.10 0.92 0.00	17.67 0.70 0.00	16.35 0.63 0.00	15.12 0.63 0.00	16.64 0.69 0.00	19.56 0.84 0.00	20.40 0.98 0.00	28.34 1.36															

ASTORIA_GT_10 24110	28.00 1.17 0.00	21.06 0.87 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.12 0.62 0.00	16.62 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.39 1.41 -0.12	31.82 1.68 -0.66	32.19 1.97 0.00	29.34 1.97 0.00	29.33 2.04 0.00	29.65 2.14 -0.23	39.06 2.81 -0.07	44.00 3.43 0.00	41.89 3.28 0.00	46.15 3.57 0.00	64.14 4.83 0.00	36.47 2.54 0.00	43.24 2.97 0.00	37.98 2.55 0.00	34.64 2.37 0.00	34.08 2.05 0.00
ASTORIA_GT_11 24225	28.00 1.17 0.00	21.06 0.87 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.12 0.62 0.00	16.62 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.39 1.41 -0.12	31.82 1.68 -0.66	32.19 1.97 0.00	29.34 1.97 0.00	29.33 2.04 0.00	29.65 2.14 -0.23	39.06 2.81 -0.07	44.00 3.43 0.00	41.89 3.28 0.00	46.15 3.57 0.00	64.14 4.83 0.00	36.47 2.54 0.00	43.24 2.97 0.00	37.98 2.55 0.00	34.64 2.37 0.00	34.08 2.05 0.00
ASTORIA_GT_12 24226	28.00 1.17 0.00	21.06 0.87 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.12 0.62 0.00	16.62 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.39 1.41 -0.12	31.82 1.68 -0.66	32.19 1.97 0.00	29.34 1.97 0.00	29.33 2.04 0.00	29.65 2.14 -0.23	39.06 2.81 -0.07	44.00 3.43 0.00	41.89 3.28 0.00	46.15 3.57 0.00	64.14 4.83 0.00	36.47 2.54 0.00	43.24 2.97 0.00	37.98 2.55 0.00	34.64 2.37 0.00	34.08 2.05 0.00
ASTORIA_GT_13 24227	28.00 1.17 0.00	21.06 0.87 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.12 0.62 0.00	16.62 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.39 1.41 -0.12	31.82 1.68 -0.66	32.19 1.97 0.00	29.34 1.97 0.00	29.33 2.04 0.00	29.65 2.14 -0.23	39.06 2.81 -0.07	44.00 3.43 0.00	41.89 3.28 0.00	46.15 3.57 0.00	64.14 4.83 0.00	36.47 2.54 0.00	43.24 2.97 0.00	37.98 2.55 0.00	34.64 2.37 0.00	34.08 2.05 0.00
ASTORIA_GT_5 24106	28.06 1.24 0.00	21.14 0.96 0.00	17.70 0.73 0.00	16.39 0.66 0.00	15.16 0.67 0.00	16.67 0.72 0.00	19.60 0.88 0.00	20.45 1.03 0.00	28.41 1.42 -0.12	31.83 1.69 -0.66	32.25 2.04 0.00	29.42 2.06 0.00	29.43 2.15 0.00	29.76 2.25 -0.23	39.20 2.95 -0.07	44.24 3.67 0.00	42.11 3.50 0.00	46.40 3.82 0.00	64.52 5.21 0.00	36.69 2.75 0.00	43.50 3.22 0.00	38.17 2.73 0.00	34.76 2.48 0.00	34.17 2.14 0.00
ASTORIA_GT_7 24107	28.06 1.24 0.00	21.14 0.96 0.00	17.70 0.73 0.00	16.39 0.66 0.00	15.16 0.67 0.00	16.67 0.72 0.00	19.60 0.88 0.00	20.45 1.03 0.00	28.41 1.42 -0.12	31.83 1.69 -0.66	32.25 2.04 0.00	29.42 2.06 0.00	29.43 2.15 0.00	29.76 2.25 -0.23	39.20 2.95 -0.07	44.24 3.67 0.00	42.11 3.50 0.00	46.40 3.82 0.00	64.52 5.21 0.00	36.69 2.75 0.00	43.50 3.22 0.00	38.17 2.73 0.00	34.76 2.48 0.00	34.17 2.14 0.00
ASTORIA_GT_8 24108	28.06 1.23 0.00	21.15 0.96 0.00	17.70 0.74 0.00	16.39 0.66 0.00	15.15 0.66 0.00	16.67 0.72 0.00	19.60 0.88 0.00	20.45 1.03 0.00	28.41 1.42 -0.12	31.83 1.69 -0.66	32.25 2.03 0.00	29.42 2.05 0.00	29.43 2.15 0.00	29.75 2.25 -0.23	39.20 2.95 -0.07	44.24 3.67 0.00	42.11 3.51 0.00	46.40 3.82 0.00	64.52 5.20 0.00	36.68 2.75 0.00	43.49 3.22 0.00	38.16 2.73 0.00	34.75 2.47 0.00	34.17 2.14 0.00
ASTORIA___2 24149	28.00 1.18 0.00	21.10 0.91 0.00	17.67 0.70 0.00	16.35 0.63 0.00	15.13 0.64 0.00	16.64 0.69 0.00	19.56 0.84 0.00	20.40 0.98 0.00	28.34 1.36 -0.12	31.76 1.62 -0.66	32.17 1.96 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.68 2.18 -0.23	39.09 2.85 -0.07	44.12 3.54 0.00	42.00 3.39 0.00	46.28 3.70 0.00	64.34 5.03 0.00	36.59 2.66 0.00	43.38 3.11 0.00	38.07 2.64 0.00	34.67 2.40 0.00	34.09 2.07 0.00
ASTORIA___3 23516	27.99 1.17 0.00	21.05 0.87 0.00	17.64 0.67 0.00	16.33 0.60 0.00	15.12 0.63 0.00	16.62 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.39 1.41 -0.12	31.82 1.68 -0.66	32.19 1.98 0.00	29.34 1.97 0.00	29.33 2.04 0.00	29.65 2.15 -0.23	39.06 2.81 -0.07	43.99 3.42 0.00	41.89 3.28 0.00	46.15 3.57 0.00	64.14 4.82 0.00	36.47 2.54 0.00	43.24 2.97 0.00	37.98 2.55 0.00	34.65 2.37 0.00	34.08 2.05 0.00
ASTORIA___4 23517	28.00 1.17 0.00	21.06 0.87 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.12 0.62 0.00	16.62 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.39 1.41 -0.12	31.82 1.68 -0.66	32.19 1.97 0.00	29.34 1.97 0.00	29.33 2.04 0.00	29.65 2.14 -0.23	39.06 2.81 -0.07	44.00 3.42 0.00	41.89 3.28 0.00	46.15 3.57 0.00	64.14 4.83 0.00	36.47 2.54 0.00	43.23 2.96 0.00	37.98 2.55 0.00	34.64 2.37 0.00	34.07 2.05 0.00
ASTORIA___5 23518	28.00 1.17 0.00	21.05 0.87 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.12 0.63 0.00	16.62 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.39 1.41 -0.12	31.82 1.68 -0.66	32.19 1.98 0.00	29.34 1.97 0.00	29.33 2.04 0.00	29.65 2.15 -0.23	39.06 2.81 -0.07	43.99 3.42 0.00	41.89 3.28 0.00	46.15 3.57 0.00	64.14 4.82 0.00	36.47 2.55 0.00	43.24 2.97 0.00	37.98 2.55 0.00	34.65 2.37 0.00	34.08 2.05 0.00
AST_ENERGY_2_CC3 323677	27.86 1.04 0.00	20.96 0.78 0.00	17.56 0.59 0.00	16.26 0.54 0.00	15.06 0.56 0.00	16.55 0.61 0.00	19.47 0.75 0.00	20.33 0.90 0.00	28.25 1.26 -0.12	31.68 1.54 -0.66	32.08 1.86 0.00	29.24 1.88 0.00	29.24 1.96 0.00	29.58 2.08 -0.23	39.05 2.80 -0.07	44.01 3.43 0.00	41.86 3.25 0.00	46.13 3.55 0.00	64.18 4.87 0.00	36.45 2.52 0.00	43.23 2.96 0.00	37.89 2.46 0.00	34.52 2.24 0.00	33.92 1.89 0.00
AST_ENERGY_2_CC4 323678	27.86 1.04 0.00	20.96 0.78 0.00	17.56 0.59 0.00	16.26 0.54 0.00	15.06 0.56 0.00	16.55 0.61 0.00	19.47 0.75 0.00	20.33 0.90 0.00	28.25 1.26 -0.12	31.68 1.54 -0.66	32.08 1.86 0.00	29.24 1.88 0.00	29.24 1.96 0.00	29.58 2.08 -0.23	39.05 2.80 -0.07	44.01 3.43 0.00	41.86 3.25 0.00	46.13 3.55 0.00	64.18 4.87 0.00	36.45 2.52 0.00	43.23 2.96 0.00	37.89 2.46 0.00	34.52 2.24 0.00	33.92 1.89 0.00
ATHENS_STG_1 23668	27.40 0.58 0.00	20.61 0.43 0.00	17.35 0.38 0.00	16.07 0.35 0.00	14.82 0.33 0.00	16.28 0.34 0.00	19.10 0.38 0.00	19.88 0.46 0.00	27.48 0.58 -0.04	30.39 0.69 -0.23	30.99 0.78 0.00	28.16 0.79 0.00	28.09 0.81 0.00	28.22 0.87 -0.08	37.37 1.17 -0.02	42.05 1.47 0.00	39.95 1.34 0.00	44.06 1.48 0.00	61.50 2.18 0.00	35.16 1.23 0.00	41.78 1.51 0.00	36.71 1.28 0.00	33.52 1.24 0.00	33.15 1.13 0.00
ATHENS_STG_2 23670	27.40 0.58 0.00	20.61 0.43 0.00	17.35 0.38 0.00	16.07 0.35 0.00	14.82 0.33 0.00	16.28 0.34 0.00	19.10 0.38 0.00	19.88 0.46 0.00	27.48 0.58 -0.04	30.39 0.69 -0.23	30.99 0.78 0.00	28.16 0.79 0.00	28.09 0.81 0.00	28.22 0.87 -0.08	37.37 1.17 -0.02	42.05 1.47 0.00	39.95 1.34 0.00	44.06 1.48 0.00	61.50 2.18 0.00	35.16 1.23 0.00	41.78 1.51 0.00	36.71 1.28 0.00	33.52 1.24 0.00	33.15 1.13 0.00

ATHENS_STG_3 23677	27.40 0.58 0.00	20.61 0.43 0.00	17.35 0.38 0.00	16.07 0.35 0.00	14.82 0.33 0.00	16.28 0.34 0.00	19.10 0.38 0.00	19.88 0.46 0.00	27.48 0.58 -0.04	30.39 0.69 -0.23	30.99 0.78 0.00	28.16 0.79 0.00	28.09 0.81 0.00	28.22 0.87 -0.08	37.37 1.17 -0.02	42.05 1.47 0.00	39.95 1.34 0.00	44.06 1.48 0.00	61.50 2.18 0.00	35.16 1.23 0.00	41.78 1.51 0.00	36.71 1.28 0.00	33.52 1.24 0.00	33.15 1.13 0.00
AUBURN____LFGE 323710	27.64 0.81 0.00	20.89 0.71 0.00	17.56 0.60 0.00	16.23 0.51 0.00	14.92 0.43 0.00	16.46 0.52 0.00	19.29 0.56 0.00	20.02 0.59 0.00	27.70 0.84 0.00	30.46 0.98 0.00	31.26 1.04 0.00	28.07 0.70 0.00	27.97 0.69 0.00	27.94 0.67 0.00	36.81 0.63 0.00	41.18 0.60 0.00	39.19 0.58 0.00	43.21 0.63 0.00	60.09 0.77 0.00	34.49 0.56 0.00	41.03 0.76 0.00	36.01 0.57 0.00	32.70 0.42 0.00	32.55 0.53 0.00
BABYLON_RES_REC 323704	28.67 1.84 0.00	22.43 1.48 -0.77	18.07 1.10 0.00	16.73 1.01 0.00	15.47 0.97 0.00	17.03 1.08 0.00	19.87 1.15 0.00	20.62 1.19 0.00	28.67 1.68 -0.13	32.12 1.98 -0.66	34.62 2.67 -1.74	34.80 2.45 -4.98	41.80 2.39 -12.12	51.45 2.45 -21.73	45.79 3.17 -6.44	73.68 3.88 -29.22	63.64 3.72 -21.31	63.95 3.96 -17.41	103.18 5.61 -38.25	43.49 2.99 -6.57	44.52 3.55 -0.70	38.77 3.06 -0.28	35.82 3.16 -0.38	34.79 2.76 0.00
BABYLON__69_KV_BK2 356345	29.06 2.24 0.00	22.72 1.77 -0.77	18.30 1.33 0.00	16.94 1.22 0.00	15.63 1.14 0.00	17.24 1.29 0.00	20.12 1.40 0.00	20.87 1.44 0.00	29.05 2.07 -0.13	32.55 2.41 -0.66	35.13 3.18 -1.74	35.59 3.12 -5.09	57.04 3.14 -26.62	76.23 3.21 -45.75	59.51 4.26 -19.06	141.86 5.11 -96.18	109.76 4.88 -66.27	116.35 5.24 -68.53	149.64 7.34 -82.99	62.32 3.96 -24.43	49.36 4.59 -4.50	39.59 3.88 -0.28	36.36 3.70 -0.38	35.31 3.28 0.00
BARON_WINDS____WT_PWR 323822	27.68 0.85 0.00	20.81 0.62 0.00	17.44 0.48 0.00	16.12 0.39 0.00	14.77 0.27 0.00	16.34 0.39 0.00	19.38 0.66 0.00	20.11 0.69 0.00	28.25 1.39 0.00	30.83 1.36 0.00	31.49 1.28 0.00	28.10 0.73 0.00	27.97 0.68 0.00	27.78 0.51 0.00	36.74 0.56 0.00	40.86 0.28 0.00	38.87 0.26 0.00	42.72 0.14 0.00	58.86 -0.46 0.00	33.75 -0.18 0.00	40.42 0.15 0.00	35.70 0.27 0.00	32.75 0.47 0.00	32.43 0.40 0.00
BARRETT_IC_1 23704	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_10 23701	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_11 23702	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_12 23703	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_2 23705	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_3 23706	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_4 23707	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_5 23708	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_6 23709	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_7 23710	28.29 1.46 0.00	22.08 1.13 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.22 0.72 0.00	16.76 0.82 0.00	19.59 0.87 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.56 1.41 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.07 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.74	51.59 3.24 -9.73	46.04 3.46 0.00	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.00	38.26 2.55 -0.27	35.20 2.55 -0.38	34.31 2.29 0.00

BARRETT_IC_8 23711	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT_IC_9 23700	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT___1 23545	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BARRETT___2 23546	28.29 1.46 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.75 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.59 0.86 0.00	20.29 0.87 0.00	28.16 1.18 -0.13	31.57 1.43 -0.66	33.94 1.99 -1.74	34.33 2.01 -4.95	36.55 2.05 -7.21	45.33 2.06 -15.99	43.05 2.77 -4.10	54.75 3.44 -10.73	51.58 3.25 -9.72	46.03 3.45 0.01	88.55 4.88 -24.35	37.19 2.56 -0.70	43.19 2.92 0.01	38.26 2.55 -0.28	35.21 2.55 -0.38	34.32 2.29 0.00
BATAVIA___115KV_TB1 55881	28.69 1.86 0.00	21.58 1.40 0.00	18.06 1.09 0.00	16.62 0.89 0.00	15.19 0.70 0.00	16.69 0.74 0.00	19.80 1.08 0.00	20.40 0.98 0.00	28.79 1.93 0.00	31.57 2.09 0.00	31.95 1.73 0.00	28.38 1.01 0.00	28.11 0.82 0.00	27.74 0.46 0.00	36.44 0.26 0.00	40.26 -0.31 0.00	38.51 -0.10 0.00	42.27 -0.31 0.00	58.27 -1.04 0.00	33.50 -0.43 0.00	40.29 0.02 0.00	35.46 0.03 0.00	32.91 0.64 0.00	32.70 0.68 0.00
BAYONEEC___CTG1 323682	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00
BAYONEEC___CTG10 323750	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00
BAYONEEC___CTG2 323683	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00
BAYONEEC___CTG3 323684	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00
BAYONEEC___CTG4 323685	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00
BAYONEEC___CTG5 323686	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00
BAYONEEC___CTG6 323687	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00
BAYONEEC___CTG7 323688	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00
BAYONEEC___CTG8 323689	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00
BAYONEEC___CTG9 323749	27.90 1.07 0.00	20.98 0.80 0.00	17.58 0.60 0.00	16.27 0.55 0.00	15.06 0.57 0.00	16.57 0.62 0.00	19.49 0.77 0.00	20.35 0.93 0.00	28.29 1.30 -0.12	31.72 1.58 -0.66	32.11 1.90 0.00	29.28 1.91 0.00	29.28 1.99 0.00	29.60 2.09 -0.23	39.06 2.81 -0.07	39.35 3.44 4.67	41.63 3.26 0.24	46.15 3.57 0.00	64.22 4.90 0.00	36.47 2.54 0.00	43.25 2.98 0.00	37.92 2.49 0.00	34.54 2.26 0.00	33.94 1.92 0.00

BEACON___LESR 323632	27.19 0.37 0.00	20.41 0.23 0.00	17.17 0.20 0.00	15.94 0.22 0.00	14.71 0.22 0.00	16.23 0.28 0.00	19.05 0.32 0.00	19.93 0.51 0.00	27.23 0.49 0.12	29.43 0.59 0.63	30.74 0.53 0.00	27.88 0.51 0.00	27.81 0.52 0.00	27.67 0.62 0.22	37.21 1.09 0.07	41.81 1.23 0.00	39.80 1.19 0.00	43.94 1.36 0.00	61.45 2.13 0.00	35.23 1.30 0.00	41.79 1.52 0.00	36.64 1.21 0.00	33.32 1.04 0.00	32.97 0.94 0.00
BEAVER RIVER___HYD 24048	25.08 -1.75 0.00	19.02 -1.16 0.00	16.12 -0.85 0.00	15.07 -0.65 0.00	13.94 -0.55 0.00	15.49 -0.45 0.00	18.38 -0.34 0.00	19.07 -0.36 0.00	26.51 -0.34 0.00	28.85 -0.62 0.00	29.36 -0.86 0.00	26.53 -0.84 0.00	26.31 -0.97 0.00	26.04 -1.24 0.00	34.38 -1.80 0.00	39.52 -1.06 0.00	37.76 -0.84 0.00	41.59 -0.99 0.00	58.60 -0.71 0.00	33.65 -0.28 0.00	39.90 -0.37 0.00	35.07 -0.37 0.00	31.68 -0.60 0.00	31.22 -0.80 0.00
BEEBEE_GT_13 23619	27.86 1.04 0.00	20.99 0.80 0.00	17.58 0.61 0.00	16.22 0.50 0.00	14.84 0.35 0.00	16.34 0.40 0.00	19.26 0.54 0.00	19.89 0.46 0.00	27.85 0.99 0.00	30.58 1.11 0.00	31.11 0.90 0.00	27.81 0.44 0.00	27.65 0.36 0.00	27.44 0.17 0.00	36.29 0.11 0.00	40.36 -0.22 0.00	38.47 -0.14 0.00	42.32 -0.26 0.00	58.59 -0.72 0.00	33.54 -0.39 0.00	40.09 -0.18 0.00	35.28 -0.16 0.00	32.46 0.18 0.00	32.24 0.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.35 1.52 0.00	21.31 1.13 0.00	17.83 0.86 0.00	16.49 0.77 0.00	15.24 0.75 0.00	16.77 0.83 0.00	19.76 1.04 0.00	20.63 1.20 0.00	28.68 1.69 -0.12	32.16 2.02 -0.66	32.56 2.35 0.00	29.75 2.38 -0.01	29.75 2.47 0.00	30.08 2.57 -0.23	39.61 3.36 -0.07	44.59 4.01 0.00	42.49 3.88 0.00	46.84 4.26 0.00	64.99 5.67 0.00	36.98 3.05 0.00	43.81 3.54 0.00	38.47 3.04 0.00	35.11 2.83 0.00	34.51 2.49 0.00
BETHLEHEM___GRP 23843	26.78 -0.04 0.00	20.17 -0.02 0.00	16.97 0.00 0.00	15.75 0.03 0.00	14.54 0.04 0.00	15.99 0.04 0.00	18.73 0.01 0.00	19.51 0.09 0.00	26.74 0.00 0.11	28.92 0.05 0.60	30.23 0.01 0.00	27.46 0.09 0.00	27.38 0.10 0.00	27.25 0.18 0.21	36.49 0.37 0.06	41.09 0.52 0.00	39.05 0.44 0.00	43.09 0.51 0.00	60.24 0.92 0.00	34.48 0.55 0.00	41.02 0.75 0.00	35.95 0.52 0.00	32.78 0.50 0.00	32.44 0.41 0.00
BETHLEHEM___GS1 323560	26.78 -0.04 0.00	20.17 -0.02 0.00	16.97 0.00 0.00	15.75 0.03 0.00	14.54 0.05 0.00	15.99 0.04 0.00	18.73 0.01 0.00	19.51 0.09 0.00	26.74 0.00 0.11	28.92 0.04 0.60	30.23 0.01 0.00	27.46 0.09 0.00	27.38 0.10 0.00	27.25 0.18 0.21	36.49 0.37 0.06	41.09 0.52 0.00	39.05 0.44 0.00	43.09 0.51 0.00	60.24 0.92 0.00	34.48 0.55 0.00	41.02 0.75 0.00	35.95 0.52 0.00	32.78 0.50 0.00	32.44 0.41 0.00
BETHLEHEM___GS2 323561	26.78 -0.04 0.00	20.17 -0.02 0.00	16.97 0.00 0.00	15.75 0.03 0.00	14.54 0.05 0.00	15.99 0.04 0.00	18.73 0.01 0.00	19.51 0.09 0.00	26.74 0.00 0.11	28.92 0.04 0.60	30.23 0.01 0.00	27.46 0.09 0.00	27.38 0.10 0.00	27.25 0.18 0.21	36.49 0.37 0.06	41.09 0.52 0.00	39.05 0.44 0.00	43.09 0.51 0.00	60.24 0.92 0.00	34.48 0.55 0.00	41.02 0.75 0.00	35.95 0.52 0.00	32.78 0.50 0.00	32.44 0.41 0.00
BETHLEHEM___GS3 323562	26.78 -0.04 0.00	20.17 -0.02 0.00	16.97 0.00 0.00	15.75 0.03 0.00	14.54 0.05 0.00	15.99 0.04 0.00	18.73 0.01 0.00	19.51 0.09 0.00	26.74 0.00 0.11	28.92 0.04 0.60	30.23 0.01 0.00	27.46 0.09 0.00	27.38 0.10 0.00	27.25 0.18 0.21	36.49 0.37 0.06	41.09 0.52 0.00	39.05 0.44 0.00	43.09 0.51 0.00	60.24 0.92 0.00	34.48 0.55 0.00	41.02 0.75 0.00	35.95 0.52 0.00	32.78 0.50 0.00	32.44 0.41 0.00
BETHLEHEM___STEEL 23779	28.24 1.42 0.00	21.28 1.10 0.00	17.81 0.84 0.00	16.40 0.68 0.00	14.97 0.47 0.00	16.46 0.52 0.00	19.50 0.78 0.00	20.09 0.66 0.00	28.38 1.53 0.00	31.08 1.60 0.00	31.46 1.24 0.00	27.91 0.54 0.00	27.81 0.52 0.00	27.48 0.21 0.00	36.24 0.06 0.00	39.90 -0.67 0.00	38.06 -0.55 0.00	41.73 -0.85 0.00	57.20 -2.11 0.00	32.82 -1.11 0.00	39.48 -0.79 0.00	34.85 -0.58 0.00	32.43 0.15 0.00	32.19 0.17 0.00
BETHLHEM_115KV_TB1 79974	26.88 0.06 0.00	20.23 0.05 0.00	17.04 0.07 0.00	15.80 0.08 0.00	14.58 0.09 0.00	16.04 0.09 0.00	18.79 0.07 0.00	19.57 0.15 0.00	26.84 0.09 0.11	29.05 0.15 0.57	30.33 0.12 0.00	27.56 0.18 0.00	27.47 0.19 0.00	27.34 0.27 0.20	36.60 0.48 0.06	41.21 0.63 0.00	39.16 0.56 0.00	43.21 0.63 0.00	60.40 1.08 0.00	34.57 0.64 0.00	41.14 0.87 0.00	36.06 0.63 0.00	32.88 0.60 0.00	32.54 0.52 0.00
BETHPAGE_CC_5 323564	28.54 1.71 0.00	22.29 1.34 -0.77	17.96 0.99 0.00	16.63 0.91 0.00	15.38 0.89 0.00	16.92 0.98 0.00	19.79 1.07 0.00	20.53 1.11 0.00	28.54 1.55 -0.13	31.94 1.80 -0.66	34.35 2.40 -1.74	34.71 2.37 -4.96	39.60 2.39 -9.93	48.91 2.47 -19.17	44.85 3.27 -5.40	65.56 4.02 -20.97	58.56 3.81 -16.14	56.30 4.08 -9.63	97.10 5.74 -32.05	40.93 3.05 -3.95	44.21 3.55 -0.39	38.69 2.98 -0.28	35.48 2.83 -0.38	34.48 2.45 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.34 1.51 0.00	21.34 1.16 0.00	17.86 0.89 0.00	16.44 0.72 0.00	15.01 0.52 0.00	16.51 0.57 0.00	19.57 0.85 0.00	20.17 0.75 0.00	28.51 1.66 0.00	31.22 1.74 0.00	31.61 1.40 0.00	28.05 0.68 0.00	27.95 0.66 0.00	27.63 0.36 0.00	36.44 0.26 0.00	40.15 -0.43 0.00	38.30 -0.31 0.00	41.98 -0.60 0.00	57.52 -1.79 0.00	32.99 -0.94 0.00	39.67 -0.60 0.00	35.02 -0.42 0.00	32.56 0.28 0.00	32.30 0.28 0.00
BINGHAMTON___COGEN 23790	27.42 0.59 0.00	20.59 0.41 0.00	17.29 0.31 0.00	16.00 0.28 0.00	14.75 0.26 0.00	16.24 0.29 0.00	19.15 0.43 0.00	19.93 0.50 0.00	27.69 0.84 0.00	30.35 0.87 0.00	31.13 0.92 0.00	28.09 0.72 0.00	28.03 0.74 0.00	27.97 0.70 0.00	37.05 0.86 0.00	41.49 0.91 0.00	39.47 0.86 0.00	43.50 0.92 0.00	60.21 0.90 0.00	34.39 0.46 0.00	40.97 0.70 0.00	36.01 0.57 0.00	32.81 0.53 0.00	32.48 0.45 0.00
BIXINCNT_115KV_LOAD 355685	28.32 1.49 0.00	21.37 1.19 0.00	17.87 0.90 0.00	16.38 0.66 0.00	15.00 0.51 0.00	16.58 0.63 0.00	19.70 0.98 0.00	20.46 1.04 0.00	28.93 2.08 0.00	31.67 2.20 0.00	32.16 1.95 0.00	28.45 1.08 0.00	28.39 1.11 0.00	28.08 0.80 0.00	37.09 0.91 0.00	41.02 0.45 0.00	39.07 0.46 0.00	42.82 0.23 0.00	58.58 -0.74 0.00	33.54 -0.39 0.00	40.29 0.02 0.00	35.68 0.24 0.00	33.01 0.73 0.00	32.59 0.56 0.00
BLACK RIVER___HYD 24047	25.79 -1.04 0.00	19.51 -0.67 0.00	16.52 -0.45 0.00	15.46 -0.27 0.00	14.33 -0.16 0.00	15.88 -0.07 0.00	18.84 0.12 0.00	19.51 0.09 0.00	27.10 0.25 0.00	29.58 0.10 0.00	30.10 -0.11 0.00	27.14 -0.23 0.00	26.75 -0.54 0.00	26.39 -0.88 0.00	34.81 -1.38 0.00	39.55 -1.03 0.00	37.74 -0.87 0.00	41.54 -1.04 0.00	58.78 -0.53 0.00	33.91 -0.02 0.00	40.28 0.01 0.00	35.34 -0.10 0.00	31.96 -0.32 0.00	31.52 -0.51 0.00

BLACKRVR_115KV_TB2 79977	25.79 -1.04 0.00	19.51 -0.67 0.00	16.52 -0.45 0.00	15.46 -0.27 0.00	14.34 -0.15 0.00	15.88 -0.07 0.00	18.84 0.12 0.00	19.51 0.09 0.00	27.10 0.25 0.00	29.58 0.10 0.00	30.10 -0.11 0.00	27.14 -0.23 0.00	26.74 -0.54 0.00	26.39 -0.88 0.00	34.81 -1.38 0.00	39.55 -1.03 0.00	37.74 -0.87 0.00	41.54 -1.04 0.00	58.78 -0.53 0.00	33.91 -0.02 0.00	40.28 0.01 0.00	35.34 -0.10 0.00	31.96 -0.32 0.00	31.52 -0.51 0.00
BLISS_WT_PWR 323608	28.27 1.45 0.00	21.39 1.21 0.00	17.87 0.90 0.00	16.37 0.65 0.00	14.96 0.47 0.00	16.57 0.63 0.00	19.68 0.96 0.00	20.47 1.04 0.00	28.95 2.09 0.00	31.69 2.21 0.00	32.17 1.96 0.00	28.45 1.08 0.00	28.39 1.10 0.00	28.06 0.79 0.00	37.08 0.89 0.00	41.02 0.45 0.00	39.06 0.45 0.00	42.78 0.20 0.00	58.51 -0.81 0.00	33.51 -0.42 0.00	40.26 -0.01 0.00	35.67 0.24 0.00	32.97 0.69 0.00	32.57 0.54 0.00
BLUE_CIRC_CHEM_DRP 24182	27.28 0.45 0.00	20.54 0.35 0.00	17.30 0.33 0.00	16.04 0.32 0.00	14.80 0.31 0.00	16.29 0.34 0.00	19.08 0.36 0.00	19.85 0.43 0.00	27.28 0.50 0.08	29.58 0.52 0.41	30.66 0.45 0.00	27.81 0.44 0.00	27.69 0.41 0.00	27.59 0.45 0.14	36.87 0.73 0.04	41.46 0.88 0.00	39.36 0.76 0.00	43.43 0.85 0.00	60.70 1.38 0.00	34.78 0.85 0.00	41.42 1.15 0.00	36.36 0.93 0.00	33.21 0.93 0.00	32.95 0.92 0.00
BOC_GAS_DRP 24189	27.13 0.31 0.00	20.42 0.23 0.00	17.19 0.22 0.00	15.94 0.22 0.00	14.71 0.21 0.00	16.17 0.22 0.00	18.95 0.23 0.00	19.72 0.29 0.00	27.10 0.32 0.08	29.46 0.39 0.40	30.60 0.39 0.00	27.79 0.42 0.00	27.70 0.41 0.00	27.61 0.47 0.14	36.84 0.70 0.04	41.47 0.89 0.00	39.40 0.79 0.00	43.46 0.88 0.00	60.71 1.39 0.00	34.75 0.83 0.00	41.33 1.06 0.00	36.29 0.86 0.00	33.11 0.83 0.00	32.79 0.76 0.00
BOONVILLE_115KV_TB1 79983	26.49 -0.34 0.00	19.94 -0.24 0.00	16.83 -0.14 0.00	15.65 -0.07 0.00	14.48 -0.01 0.00	15.98 0.04 0.00	18.93 0.21 0.00	19.65 0.22 0.00	27.28 0.42 0.00	29.88 0.40 0.00	30.53 0.32 0.00	27.61 0.25 0.00	27.51 0.22 0.00	27.36 0.09 0.00	36.22 0.04 0.00	41.00 0.42 0.00	39.11 0.51 0.00	43.14 0.56 0.00	60.36 1.05 0.00	34.55 0.61 0.00	41.00 0.73 0.00	36.00 0.57 0.00	32.63 0.35 0.00	32.23 0.20 0.00
BORALEX_4TH_BRANCH 23824	27.53 0.70 0.00	20.78 0.59 0.00	17.52 0.55 0.00	16.29 0.56 0.00	15.02 0.53 0.00	16.54 0.59 0.00	19.25 0.53 0.00	20.04 0.62 0.00	27.27 0.69 0.28	28.81 0.80 1.47	30.90 0.69 0.00	28.12 0.76 0.00	28.00 0.71 0.00	27.58 0.81 0.51	37.45 1.42 0.15	42.21 1.64 0.00	40.21 1.60 0.00	44.44 1.86 0.00	62.33 3.01 0.00	35.80 1.87 0.00	42.81 2.54 0.00	37.39 1.96 0.00	34.08 1.81 0.00	33.61 1.58 0.00
BOWLINE___1 23526	27.55 0.72 0.00	20.71 0.53 0.00	17.36 0.39 0.00	16.08 0.35 0.00	14.87 0.38 0.00	16.36 0.42 0.00	19.24 0.52 0.00	20.07 0.65 0.00	27.86 0.88 -0.12	31.23 1.13 -0.62	31.60 1.39 0.00	28.80 1.43 0.00	28.82 1.53 0.00	29.12 1.64 -0.21	38.47 2.22 -0.06	43.33 2.75 0.00	41.27 2.66 0.00	45.51 2.93 0.00	63.41 4.10 0.00	36.04 2.12 0.00	42.71 2.44 0.00	37.42 1.99 0.00	34.07 1.79 0.00	33.49 1.46 0.00
BOWLINE___2 23595	27.60 0.77 0.00	20.75 0.56 0.00	17.40 0.43 0.00	16.11 0.39 0.00	14.90 0.40 0.00	16.39 0.45 0.00	19.28 0.56 0.00	20.10 0.68 0.00	27.91 0.94 -0.12	31.29 1.19 -0.62	31.66 1.45 0.00	28.85 1.48 0.00	28.87 1.58 0.00	29.18 1.69 -0.21	38.54 2.29 -0.06	43.40 2.83 0.00	41.34 2.73 0.00	45.58 3.00 0.00	63.52 4.21 0.00	36.10 2.17 0.00	42.78 2.51 0.00	37.49 2.05 0.00	34.13 1.85 0.00	33.55 1.52 0.00
BRADY___115KV_TB2 356060	23.55 -3.28 0.00	17.97 -2.21 0.00	15.13 -1.84 0.00	14.12 -1.61 0.00	12.92 -1.58 0.00	14.55 -1.40 0.00	17.33 -1.39 0.00	18.07 -1.35 0.00	25.30 -1.56 0.00	26.92 -2.56 0.00	27.14 -3.07 0.00	24.76 -2.61 0.00	24.61 -2.67 0.00	24.37 -2.90 0.00	32.39 -3.79 0.00	39.91 -0.66 0.00	38.49 -0.12 0.00	42.47 -0.11 0.00	59.18 -0.14 0.00	33.97 0.04 0.00	40.22 -0.05 0.00	35.47 0.04 0.00	32.08 -0.20 0.00	31.75 -0.28 0.00
BRANSCOMB___SOLAR 323811	27.79 0.97 0.00	20.84 0.66 0.00	17.51 0.54 0.00	16.25 0.52 0.00	14.98 0.49 0.00	16.50 0.56 0.00	19.36 0.64 0.00	20.11 0.69 0.00	27.51 0.80 0.15	29.61 0.92 0.78	31.06 0.84 0.00	28.23 0.86 0.00	28.24 0.95 0.00	27.95 0.95 0.27	37.73 1.63 0.08	42.56 1.98 0.00	40.49 1.88 0.00	44.65 2.07 0.00	62.46 3.15 0.00	35.86 1.93 0.00	42.70 2.43 0.00	37.32 1.88 0.00	33.93 1.65 0.00	33.48 1.46 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	28.87 2.05 0.00	22.62 1.67 -0.77	18.22 1.25 0.00	16.88 1.16 0.00	15.57 1.07 0.00	17.17 1.22 0.00	20.01 1.29 0.00	20.73 1.31 0.00	28.85 1.86 -0.13	32.29 2.14 -0.66	34.90 2.96 -1.74	35.39 2.92 -5.10	58.78 2.89 -28.61	77.35 2.84 -47.24	59.26 3.74 -19.33	147.25 4.47 -102.20	112.56 4.27 -69.68	122.79 4.59 -75.62	153.95 6.45 -88.18	64.14 3.47 -26.74	48.87 4.02 -4.58	39.11 3.40 -0.28	35.98 3.32 -0.38	35.04 3.02 0.00
BRISTLHL_115KV_TB1 79998	26.82 0.00 0.00	20.16 -0.02 0.00	16.94 -0.03 0.00	15.68 -0.04 0.00	14.45 -0.04 0.00	15.89 -0.05 0.00	18.66 -0.06 0.00	19.30 -0.13 0.00	26.71 -0.15 0.00	29.31 -0.16 0.00	30.01 -0.20 0.00	27.07 -0.30 0.00	26.90 -0.38 0.00	26.81 -0.47 0.00	35.54 -0.64 0.00	39.78 -0.79 0.00	37.82 -0.78 0.00	41.68 -0.89 0.00	58.15 -1.16 0.00	33.29 -0.64 0.00	39.61 -0.66 0.00	34.81 -0.62 0.00	31.81 -0.47 0.00	31.71 -0.32 0.00
BROOKHAVEN___DRP 24191	28.97 2.15 0.00	22.72 1.77 -0.77	18.30 1.33 0.00	16.95 1.23 0.00	15.62 1.13 0.00	17.24 1.30 0.00	20.04 1.33 0.00	20.70 1.28 0.00	28.83 1.85 -0.13	32.31 2.17 -0.66	34.93 2.98 -1.74	36.05 3.02 -5.66	130.82 2.99 -100.55	190.48 3.03 -160.18	117.14 4.03 -76.92	468.88 4.84 -423.46	326.43 4.59 -283.23	376.96 4.86 -329.51	373.12 6.92 -306.88	152.59 3.79 -114.87	66.55 4.38 -21.91	39.36 3.64 -0.28	36.12 3.46 -0.38	35.09 3.06 0.00
BROOKLYN_NAVY_YARD 23515	27.87 1.05 0.00	20.96 0.77 0.00	17.56 0.60 0.00	16.26 0.54 0.00	15.05 0.55 0.00	16.55 0.60 0.00	19.48 0.76 0.00	20.35 0.93 0.00	28.28 1.30 -0.12	31.71 1.58 -0.66	32.10 1.89 0.00	29.27 1.90 0.00	29.28 1.99 0.00	29.62 2.11 -0.23	39.11 2.86 -0.07	44.07 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.27 4.96 0.00	36.49 2.56 0.00	43.28 3.01 0.00	37.94 2.51 0.00	34.58 2.30 0.00	33.98 1.95 0.00
BROOKLYN___ARMY_DRP 323595	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00



BROOKVLE_69_KV_TB1 55790	28.40 1.57 0.00	22.14 1.19 -0.77	17.87 0.90 0.00	16.54 0.82 0.00	15.29 0.79 0.00	16.84 0.89 0.00	19.75 1.03 0.00	20.56 1.14 0.00	28.60 1.62 -0.13	32.09 1.95 -0.66	34.36 2.41 -1.74	34.71 2.39 -4.95	36.99 2.50 -7.21	45.82 2.56 -15.99	43.73 3.45 -4.10	55.53 4.22 -10.74	52.34 4.01 -9.73	46.90 4.32 0.00	89.66 6.00 -24.35	37.81 3.17 -0.70	43.94 3.67 0.00	38.81 3.10 -0.27	35.50 2.84 -0.38	34.54 2.52 0.00
BROOME_2_LFGE 323671	27.42 0.59 0.00	20.59 0.41 0.00	17.29 0.31 0.00	16.00 0.28 0.00	14.75 0.26 0.00	16.24 0.29 0.00	19.15 0.43 0.00	19.93 0.50 0.00	27.69 0.83 0.00	30.35 0.87 0.00	31.13 0.92 0.00	28.09 0.72 0.00	28.02 0.74 0.00	27.97 0.70 0.00	37.05 0.86 0.00	41.49 0.92 0.00	39.47 0.86 0.00	43.50 0.92 0.00	60.21 0.90 0.00	34.39 0.46 0.00	40.97 0.70 0.00	36.01 0.57 0.00	32.81 0.53 0.00	32.48 0.45 0.00
BROOME__LFGE 323600	27.42 0.59 0.00	20.59 0.41 0.00	17.29 0.31 0.00	16.00 0.28 0.00	14.75 0.26 0.00	16.24 0.29 0.00	19.15 0.43 0.00	19.93 0.50 0.00	27.69 0.83 0.00	30.35 0.87 0.00	31.13 0.92 0.00	28.09 0.72 0.00	28.02 0.74 0.00	27.97 0.70 0.00	37.05 0.86 0.00	41.49 0.92 0.00	39.47 0.86 0.00	43.50 0.92 0.00	60.21 0.90 0.00	34.39 0.46 0.00	40.97 0.70 0.00	36.01 0.57 0.00	32.81 0.53 0.00	32.48 0.45 0.00
BROWNFLS_115KV_TB_3_5 80003	23.97 -2.86 0.00	18.23 -1.95 0.00	15.41 -1.56 0.00	14.40 -1.32 0.00	13.28 -1.22 0.00	14.83 -1.12 0.00	17.62 -1.11 0.00	18.32 -1.11 0.00	25.55 -1.31 0.00	27.57 -1.91 0.00	27.93 -2.28 0.00	25.32 -2.05 0.00	25.12 -2.17 0.00	24.86 -2.42 0.00	32.91 -3.27 0.00	38.90 -1.68 0.00	37.34 -1.27 0.00	41.15 -1.43 0.00	57.73 -1.59 0.00	33.14 -0.79 0.00	39.24 -1.03 0.00	34.53 -0.90 0.00	31.20 -1.08 0.00	30.79 -1.23 0.00
BROWNSV1_27_KV_LOAD 356125	28.28 1.45 0.00	21.25 1.07 0.00	17.79 0.82 0.00	16.47 0.74 0.00	15.23 0.74 0.00	16.76 0.81 0.00	19.75 1.02 0.00	20.62 1.19 0.00	28.67 1.69 -0.12	32.16 2.02 -0.66	32.58 2.36 0.00	29.70 2.33 0.00	29.72 2.44 0.00	30.06 2.56 -0.23	39.70 3.45 -0.07	44.75 4.17 0.00	42.56 3.95 0.00	46.91 4.33 0.00	65.24 5.93 0.00	37.06 3.13 0.00	43.97 3.70 0.00	38.54 3.11 0.00	35.10 2.82 0.00	34.45 2.43 0.00
BURROWS__LYONSDAL 23803	26.13 -0.69 0.00	19.71 -0.47 0.00	16.66 -0.31 0.00	15.52 -0.20 0.00	14.37 -0.13 0.00	15.88 -0.07 0.00	18.81 0.09 0.00	19.52 0.09 0.00	27.10 0.25 0.00	29.65 0.18 0.00	30.28 0.07 0.00	27.38 0.01 0.00	27.26 -0.03 0.00	27.09 -0.18 0.00	35.83 -0.35 0.00	40.67 0.10 0.00	38.80 0.20 0.00	42.78 0.20 0.00	59.95 0.63 0.00	34.33 0.40 0.00	40.72 0.45 0.00	35.77 0.34 0.00	32.39 0.11 0.00	31.97 -0.06 0.00
CAITHNESS_CC_1 323624	28.85 2.02 0.00	22.62 1.67 -0.77	18.23 1.26 0.00	16.88 1.16 0.00	15.61 1.12 0.00	17.18 1.23 0.00	19.97 1.25 0.00	20.62 1.20 0.00	28.71 1.72 -0.13	32.17 2.03 -0.66	34.79 2.84 -1.74	35.89 2.87 -5.66	130.79 2.85 -100.66	189.94 2.89 -159.78	116.56 3.83 -76.55	468.12 4.60 -422.94	325.64 4.35 -282.69	377.10 4.62 -329.91	372.77 6.55 -306.91	152.47 3.58 -114.95	66.19 4.12 -21.80	39.16 3.44 -0.28	35.94 3.28 -0.38	34.93 2.90 0.00
CALPINE BETH_PAGE_GT4 24209	28.49 1.66 0.00	22.25 1.30 -0.77	17.92 0.95 0.00	16.60 0.88 0.00	15.33 0.84 0.00	16.89 0.94 0.00	19.77 1.04 0.00	20.52 1.09 0.00	28.52 1.54 -0.13	31.87 1.73 -0.66	34.28 2.33 -1.74	34.66 2.33 -4.96	38.88 2.36 -9.23	48.08 2.45 -18.36	44.50 3.25 -5.06	62.93 4.00 -18.36	56.91 3.80 -14.50	53.82 4.07 -7.17	95.13 5.73 -30.08	40.09 3.04 -3.12	44.13 3.57 -0.29	38.67 2.96 -0.27	35.43 2.77 -0.38	34.43 2.41 0.00
CALPINE_BETH_PAGE_GT_4 323586	28.49 1.66 0.00	22.25 1.30 -0.77	17.92 0.95 0.00	16.60 0.88 0.00	15.35 0.86 0.00	16.89 0.94 0.00	19.76 1.04 0.00	20.52 1.09 0.00	28.52 1.54 -0.13	31.88 1.74 -0.66	34.28 2.33 -1.74	34.66 2.33 -4.96	38.88 2.36 -9.23	48.08 2.45 -18.36	44.50 3.25 -5.06	62.93 3.99 -18.36	56.91 3.80 -14.50	53.82 4.07 -7.17	95.13 5.73 -30.08	40.09 3.04 -3.12	44.13 3.57 -0.29	38.67 2.96 -0.28	35.43 2.77 -0.38	34.44 2.41 0.00
CALPINE_BP_GT1 23823	28.49 1.66 0.00	22.25 1.30 -0.77	17.92 0.95 0.00	16.60 0.88 0.00	15.35 0.86 0.00	16.89 0.94 0.00	19.76 1.04 0.00	20.52 1.09 0.00	28.52 1.54 -0.13	31.88 1.74 -0.66	34.28 2.33 -1.74	34.66 2.33 -4.96	38.88 2.36 -9.23	48.08 2.45 -18.36	44.50 3.25 -5.06	62.93 3.99 -18.36	56.91 3.80 -14.50	53.82 4.07 -7.17	95.13 5.73 -30.08	40.09 3.04 -3.12	44.13 3.57 -0.29	38.67 2.96 -0.28	35.43 2.77 -0.38	34.44 2.41 0.00
CALSPAN__DRP 24200	28.24 1.42 0.00	21.28 1.10 0.00	17.81 0.84 0.00	16.40 0.68 0.00	14.97 0.47 0.00	16.46 0.52 0.00	19.50 0.78 0.00	20.09 0.66 0.00	28.38 1.53 0.00	31.08 1.60 0.00	31.46 1.24 0.00	27.91 0.54 0.00	27.81 0.52 0.00	27.48 0.21 0.00	36.24 0.06 0.00	39.90 -0.67 0.00	38.06 -0.55 0.00	41.73 -0.85 0.00	57.20 -2.11 0.00	32.82 -1.11 0.00	39.48 -0.79 0.00	34.85 -0.58 0.00	32.43 0.15 0.00	32.19 0.17 0.00
CALVERTON__SOLAR 323806	29.12 2.30 0.00	22.83 1.88 -0.77	18.39 1.42 0.00	17.04 1.32 0.00	15.75 1.26 0.00	17.33 1.39 0.00	20.14 1.42 0.00	20.81 1.38 0.00	28.99 2.01 -0.13	32.51 2.37 -0.66	35.13 3.18 -1.74	36.23 3.21 -5.66	131.01 3.17 -100.55	190.87 3.21 -160.38	117.56 4.29 -77.09	469.55 5.16 -423.82	327.05 4.90 -283.54	377.28 5.20 -329.50	373.67 7.37 -306.99	152.88 4.06 -114.88	66.91 4.69 -21.96	39.60 3.89 -0.28	36.36 3.70 -0.38	35.31 3.28 0.00
CANDIGU_WT_PWR 323617	27.68 0.85 0.00	20.81 0.62 0.00	17.44 0.48 0.00	16.12 0.39 0.00	14.77 0.27 0.00	16.34 0.39 0.00	19.38 0.66 0.00	20.11 0.69 0.00	28.25 1.39 0.00	30.83 1.36 0.00	31.49 1.28 0.00	28.10 0.73 0.00	27.97 0.68 0.00	27.78 0.51 0.00	36.74 0.56 0.00	40.86 0.28 0.00	38.87 0.26 0.00	42.72 0.14 0.00	58.86 -0.46 0.00	33.75 -0.18 0.00	40.42 0.15 0.00	35.70 0.27 0.00	32.75 0.47 0.00	32.43 0.40 0.00
CARR STREET_E_SYR 24060	27.02 0.19 0.00	20.31 0.12 0.00	17.05 0.08 0.00	15.79 0.07 0.00	14.54 0.05 0.00	16.00 0.05 0.00	18.80 0.08 0.00	19.46 0.04 0.00	26.89 0.03 0.00	29.45 -0.03 0.00	30.17 -0.05 0.00	27.25 -0.12 0.00	27.13 -0.16 0.00	27.06 -0.22 0.00	35.86 -0.32 0.00	40.14 -0.44 0.00	38.19 -0.42 0.00	42.09 -0.49 0.00	58.52 -0.79 0.00	33.45 -0.49 0.00	39.79 -0.48 0.00	34.96 -0.47 0.00	31.91 -0.37 0.00	31.80 -0.23 0.00
CARTHAGE__PAPER 23857	25.50 -1.33 0.00	19.32 -0.86 0.00	16.37 -0.60 0.00	15.30 -0.42 0.00	14.18 -0.32 0.00	15.74 -0.21 0.00	18.68 -0.04 0.00	19.37 -0.05 0.00	26.94 0.08 0.00	29.33 -0.15 0.00	29.84 -0.38 0.00	26.92 -0.45 0.00	26.63 -0.66 0.00	26.26 -1.01 0.00	34.67 -1.51 0.00	39.66 -0.92 0.00	37.91 -0.70 0.00	41.75 -0.83 0.00	59.00 -0.32 0.00	33.96 0.04 0.00	40.31 0.04 0.00	35.39 -0.04 0.00	31.98 -0.30 0.00	31.51 -0.52 0.00

CASSADAGA_WT_PWR 323784	28.34 1.52 0.00	21.40 1.21 0.00	17.89 0.92 0.00	16.52 0.79 0.00	15.12 0.63 0.00	16.67 0.72 0.00	19.77 1.05 0.00	20.55 1.12 0.00	29.06 2.20 0.00	31.89 2.41 0.00	32.45 2.24 0.00	28.83 1.47 0.00	28.86 1.58 0.00	28.56 1.29 0.00	37.89 1.71 0.00	41.29 0.71 0.00	39.27 0.66 0.00	43.09 0.51 0.00	59.09 -0.22 0.00	33.82 -0.11 0.00	40.41 0.14 0.00	35.48 0.05 0.00	32.71 0.43 0.00	32.33 0.31 0.00
CE_DUNWOOD___DRP 24194	27.81 0.99 0.00	20.91 0.73 0.00	17.53 0.57 0.00	16.24 0.51 0.00	15.01 0.51 0.00	16.52 0.58 0.00	19.42 0.70 0.00	20.25 0.83 0.00	28.13 1.15 -0.12	31.55 1.41 -0.66	31.90 1.69 0.00	29.08 1.71 0.00	29.09 1.80 0.00	29.41 1.91 -0.23	38.84 2.59 -0.07	43.77 3.19 0.00	41.65 3.04 0.00	45.92 3.34 0.00	63.96 4.65 0.00	36.35 2.42 0.00	43.10 2.83 0.00	37.77 2.34 0.00	34.39 2.11 0.00	33.81 1.79 0.00
CE_MILLWOOD___DRP 24193	27.75 0.92 0.00	20.87 0.68 0.00	17.50 0.53 0.00	16.21 0.48 0.00	14.98 0.48 0.00	16.48 0.54 0.00	19.37 0.65 0.00	20.21 0.78 0.00	28.06 1.08 -0.12	31.47 1.34 -0.66	31.81 1.60 0.00	28.99 1.62 0.00	29.00 1.72 0.00	29.33 1.83 -0.23	38.72 2.47 -0.07	43.62 3.05 0.00	41.53 2.92 0.00	45.79 3.21 0.00	63.79 4.47 0.00	36.27 2.34 0.00	43.00 2.73 0.00	37.69 2.25 0.00	34.31 2.03 0.00	33.74 1.71 0.00
CE_NYC2_DRP 24202	28.00 1.18 0.00	21.07 0.89 0.00	17.65 0.68 0.00	16.34 0.61 0.00	15.12 0.63 0.00	16.63 0.68 0.00	19.57 0.85 0.00	20.43 1.01 0.00	28.41 1.42 -0.12	31.85 1.71 -0.66	32.21 2.00 0.00	29.35 1.99 0.00	29.34 2.05 0.00	29.66 2.16 -0.23	39.09 2.84 -0.07	44.03 3.45 0.00	41.91 3.30 0.00	46.19 3.61 0.00	64.19 4.88 0.00	36.49 2.56 0.00	43.26 2.99 0.00	38.00 2.57 0.00	34.67 2.39 0.00	34.09 2.07 0.00
CE_NYC_DRP 24195	27.94 1.11 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.29 0.57 0.00	15.08 0.58 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.33 1.35 -0.12	31.78 1.64 -0.66	32.18 1.96 0.00	29.34 1.97 0.00	29.35 2.06 0.00	29.68 2.18 -0.23	39.18 2.93 -0.07	44.16 3.58 0.00	42.00 3.39 0.00	46.29 3.71 0.00	64.39 5.07 0.00	36.56 2.63 0.00	43.36 3.09 0.00	38.02 2.58 0.00	34.62 2.34 0.00	34.02 1.99 0.00
CHAFFEE___LFGE 323603	28.29 1.46 0.00	21.31 1.12 0.00	17.81 0.84 0.00	16.41 0.69 0.00	14.96 0.47 0.00	16.48 0.54 0.00	19.51 0.79 0.00	20.12 0.70 0.00	28.43 1.58 0.00	31.14 1.66 0.00	31.55 1.33 0.00	28.02 0.65 0.00	27.94 0.65 0.00	27.61 0.34 0.00	36.38 0.20 0.00	40.08 -0.49 0.00	38.27 -0.34 0.00	41.97 -0.61 0.00	57.52 -1.80 0.00	32.99 -0.94 0.00	39.67 -0.60 0.00	35.00 -0.43 0.00	32.50 0.22 0.00	32.26 0.23 0.00
CHATEAUG_35_KV_LOAD 355732	23.15 -3.67 0.00	17.81 -2.38 0.00	15.01 -1.96 0.00	14.11 -1.61 0.00	12.88 -1.61 0.00	14.58 -1.36 0.00	17.34 -1.38 0.00	18.11 -1.31 0.00	25.55 -1.31 0.00	27.43 -2.04 0.00	27.75 -2.46 0.00	25.35 -2.01 0.00	25.13 -2.15 0.00	24.85 -2.43 0.00	33.05 -3.13 0.00	40.67 0.10 0.00	39.44 0.83 0.00	43.57 0.99 0.00	60.58 1.26 0.00	34.85 0.92 0.00	41.17 0.90 0.00	36.17 0.73 0.00	32.81 0.53 0.00	32.53 0.51 0.00
CHATEAUG_WT_PWR 323614	23.14 -3.68 0.00	17.80 -2.38 0.00	15.02 -1.95 0.00	14.13 -1.60 0.00	12.92 -1.58 0.00	14.59 -1.35 0.00	17.35 -1.37 0.00	18.11 -1.31 0.00	25.56 -1.30 0.00	27.50 -1.98 0.00	27.81 -2.40 0.00	25.43 -1.94 0.00	25.21 -2.08 0.00	24.93 -2.34 0.00	33.18 -3.00 0.00	40.75 0.18 0.00	39.54 0.94 0.00	43.66 1.08 0.00	60.63 1.31 0.00	34.85 0.93 0.00	41.17 0.90 0.00	36.14 0.70 0.00	32.80 0.52 0.00	32.56 0.53 0.00
CHAT_HIGH_FALL_HYD 323578	23.15 -3.68 0.00	17.80 -2.38 0.00	15.01 -1.96 0.00	14.11 -1.61 0.00	12.90 -1.60 0.00	14.58 -1.36 0.00	17.34 -1.38 0.00	18.11 -1.31 0.00	25.55 -1.31 0.00	27.43 -2.04 0.00	27.75 -2.46 0.00	25.35 -2.01 0.00	25.13 -2.15 0.00	24.85 -2.42 0.00	33.05 -3.13 0.00	40.67 0.10 0.00	39.44 0.83 0.00	43.57 0.99 0.00	60.57 1.26 0.00	34.85 0.92 0.00	41.17 0.90 0.00	36.17 0.73 0.00	32.81 0.53 0.00	32.53 0.51 0.00
CHAUTAUQUA___LFGE 323629	28.28 1.46 0.00	21.32 1.14 0.00	17.83 0.86 0.00	16.45 0.73 0.00	15.05 0.56 0.00	16.58 0.64 0.00	19.65 0.93 0.00	20.38 0.95 0.00	28.78 1.92 0.00	31.52 2.04 0.00	32.06 1.85 0.00	28.51 1.14 0.00	28.49 1.20 0.00	28.20 0.92 0.00	37.22 1.04 0.00	40.66 0.08 0.00	38.72 0.11 0.00	42.48 -0.10 0.00	58.26 -1.06 0.00	33.41 -0.52 0.00	40.05 -0.22 0.00	35.28 -0.16 0.00	32.67 0.39 0.00	32.37 0.35 0.00
CHERRYST_13_KV_LD 356241	28.03 1.20 0.00	21.08 0.90 0.00	17.66 0.69 0.00	16.35 0.62 0.00	15.13 0.63 0.00	16.64 0.70 0.00	19.59 0.87 0.00	20.46 1.04 0.00	28.46 1.48 -0.12	31.93 1.79 -0.66	32.33 2.12 0.00	29.48 2.11 0.00	29.49 2.21 0.00	29.83 2.33 -0.23	39.37 3.12 -0.07	44.38 3.81 0.00	42.21 3.60 0.00	46.51 3.93 0.00	64.66 5.34 0.00	36.71 2.78 0.00	43.53 3.26 0.00	38.16 2.72 0.00	34.74 2.46 0.00	34.14 2.11 0.00
CHESTROR_138KV_BK263 355645	27.55 0.72 0.00	20.71 0.52 0.00	17.38 0.41 0.00	16.10 0.37 0.00	14.87 0.38 0.00	16.37 0.42 0.00	19.23 0.51 0.00	20.04 0.62 0.00	27.82 0.86 -0.11	31.10 1.06 -0.56	31.49 1.28 0.00	28.67 1.31 0.00	28.69 1.40 0.00	28.97 1.50 -0.19	38.26 2.03 -0.06	43.08 2.50 0.00	41.02 2.42 0.00	45.26 2.68 0.00	63.10 3.78 0.00	35.91 1.98 0.00	42.59 2.32 0.00	37.32 1.88 0.00	33.97 1.69 0.00	33.42 1.40 0.00
CH_MIDHUDSON___DRP 24192	27.79 0.96 0.00	20.88 0.70 0.00	17.54 0.57 0.00	16.25 0.53 0.00	15.00 0.51 0.00	16.51 0.56 0.00	19.38 0.67 0.00	20.21 0.78 0.00	27.97 1.03 -0.08	31.13 1.23 -0.41	31.68 1.47 0.00	28.86 1.49 0.00	28.86 1.58 0.00	29.10 1.68 -0.14	38.52 2.29 -0.04	43.45 2.88 0.00	41.39 2.78 0.00	45.70 3.12 0.00	63.77 4.46 0.00	36.31 2.39 0.00	43.07 2.79 0.00	37.73 2.30 0.00	34.34 2.06 0.00	33.78 1.75 0.00
CH_MISC_IPPS 23765	27.98 1.15 0.00	21.02 0.83 0.00	17.65 0.68 0.00	16.34 0.62 0.00	15.09 0.60 0.00	16.61 0.66 0.00	19.51 0.79 0.00	20.34 0.92 0.00	28.25 1.29 -0.10	31.55 1.56 -0.52	32.03 1.82 0.00	29.18 1.81 0.00	29.22 1.94 0.00	29.51 2.05 -0.18	39.03 2.80 -0.05	44.01 3.43 0.00	41.93 3.33 0.00	46.23 3.65 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.48 3.20 0.00	38.06 2.63 0.00	34.61 2.33 0.00	34.02 1.99 0.00
CH_RES_BVR_FALLS 23983	24.83 -2.00 0.00	18.89 -1.30 0.00	15.91 -1.06 0.00	14.81 -0.91 0.00	13.61 -0.88 0.00	15.15 -0.80 0.00	17.88 -0.84 0.00	18.58 -0.85 0.00	25.84 -1.02 0.00	27.95 -1.52 0.00	28.49 -1.73 0.00	25.90 -1.46 0.00	25.81 -1.47 0.00	25.70 -1.57 0.00	34.11 -2.07 0.00	40.10 -0.47 0.00	38.36 -0.24 0.00	42.29 -0.29 0.00	58.93 -0.38 0.00	33.70 -0.23 0.00	39.90 -0.37 0.00	35.15 -0.28 0.00	31.93 -0.35 0.00	31.65 -0.37 0.00

CH_RES_NIAGARA 23895	27.54 0.71 0.00	20.81 0.62 0.00	17.40 0.43 0.00	16.02 0.29 0.00	14.55 0.06 0.00	16.01 0.06 0.00	18.90 0.18 0.00	19.36 -0.06 0.00	27.36 0.50 0.00	29.91 0.43 0.00	30.20 -0.02 0.00	26.77 -0.60 0.00	26.61 -0.68 0.00	26.24 -1.03 0.00	34.58 -1.60 0.00	38.03 -2.55 0.00	36.29 -2.32 0.00	39.75 -2.84 0.00	54.46 -4.85 0.00	31.36 -2.57 0.00	37.84 -2.43 0.00	33.43 -2.01 0.00	31.31 -0.97 0.00	31.20 -0.83 0.00
CH_RES_SYRACUSE 23985	27.17 0.34 0.00	20.41 0.22 0.00	17.14 0.17 0.00	15.88 0.15 0.00	14.63 0.13 0.00	16.09 0.15 0.00	18.93 0.21 0.00	19.61 0.18 0.00	27.15 0.29 0.00	29.77 0.30 0.00	30.52 0.30 0.00	27.54 0.17 0.00	27.41 0.13 0.00	27.36 0.08 0.00	36.23 0.05 0.00	40.56 -0.02 0.00	38.60 -0.01 0.00	42.55 -0.02 0.00	59.19 -0.13 0.00	33.85 -0.08 0.00	40.28 0.01 0.00	35.37 -0.06 0.00	32.26 -0.02 0.00	32.11 0.08 0.00
CLINTON_WT_PWR 323605	23.14 -3.68 0.00	17.80 -2.38 0.00	15.02 -1.95 0.00	14.13 -1.60 0.00	12.92 -1.58 0.00	14.59 -1.35 0.00	17.35 -1.37 0.00	18.11 -1.31 0.00	25.56 -1.30 0.00	27.50 -1.98 0.00	27.81 -2.40 0.00	25.43 -1.94 0.00	25.21 -2.08 0.00	24.93 -2.34 0.00	33.18 -3.00 0.00	40.75 0.18 0.00	39.54 0.94 0.00	43.66 1.08 0.00	60.63 1.31 0.00	34.85 0.93 0.00	41.17 0.90 0.00	36.14 0.70 0.00	32.80 0.52 0.00	32.56 0.53 0.00
CLINTON___LFGE 323618	23.36 -3.46 0.00	17.97 -2.21 0.00	15.16 -1.81 0.00	14.25 -1.47 0.00	13.04 -1.46 0.00	14.72 -1.23 0.00	17.52 -1.20 0.00	18.31 -1.11 0.00	25.88 -0.98 0.00	27.91 -1.57 0.00	28.18 -2.03 0.00	25.73 -1.64 0.00	25.46 -1.82 0.00	25.21 -2.06 0.00	33.55 -2.63 0.00	41.15 0.57 0.00	39.98 1.37 0.00	44.20 1.62 0.00	61.41 2.10 0.00	35.32 1.39 0.00	41.75 1.48 0.00	36.56 1.13 0.00	33.17 0.89 0.00	32.91 0.88 0.00
COBBLENY_34_KV_TB1 80064	28.29 1.46 0.00	21.29 1.11 0.00	17.82 0.84 0.00	16.41 0.69 0.00	14.98 0.48 0.00	16.49 0.54 0.00	19.51 0.79 0.00	20.12 0.70 0.00	28.43 1.58 0.00	31.14 1.66 0.00	31.55 1.34 0.00	28.02 0.65 0.00	27.94 0.65 0.00	27.61 0.33 0.00	36.38 0.20 0.00	40.08 -0.49 0.00	38.27 -0.34 0.00	41.97 -0.61 0.00	57.53 -1.79 0.00	33.00 -0.93 0.00	39.68 -0.59 0.00	35.01 -0.42 0.00	32.53 0.25 0.00	32.26 0.23 0.00
COFFEEN___115KV_TB3 355620	26.08 -0.75 0.00	19.70 -0.49 0.00	16.67 -0.30 0.00	15.59 -0.13 0.00	14.47 -0.02 0.00	16.00 0.06 0.00	19.02 0.30 0.00	19.71 0.29 0.00	27.40 0.54 0.00	29.91 0.43 0.00	30.41 0.19 0.00	27.40 0.03 0.00	26.91 -0.37 0.00	26.52 -0.76 0.00	34.96 -1.23 0.00	39.66 -0.92 0.00	37.84 -0.77 0.00	41.68 -0.90 0.00	59.09 -0.23 0.00	34.18 0.25 0.00	40.68 0.41 0.00	35.67 0.24 0.00	32.25 -0.02 0.00	31.79 -0.23 0.00
COLDSPRG_115KV_BK1 355956	28.60 1.77 0.00	21.52 1.34 0.00	17.99 1.03 0.00	16.60 0.88 0.00	15.22 0.72 0.00	16.78 0.83 0.00	19.92 1.20 0.00	20.72 1.30 0.00	29.32 2.46 0.00	32.18 2.70 0.00	32.72 2.51 0.00	29.06 1.69 0.00	29.11 1.82 0.00	28.83 1.56 0.00	38.26 2.08 0.00	41.91 1.33 0.00	39.95 1.34 0.00	43.84 1.26 0.00	60.03 0.72 0.00	34.24 0.31 0.00	40.95 0.68 0.00	36.09 0.65 0.00	33.27 0.99 0.00	32.81 0.79 0.00
COLONIE_LFGE___ 323577	27.39 0.57 0.00	20.61 0.43 0.00	17.35 0.38 0.00	16.11 0.38 0.00	14.85 0.36 0.00	16.35 0.40 0.00	19.14 0.42 0.00	19.92 0.49 0.00	27.23 0.54 0.17	29.24 0.67 0.90	30.83 0.62 0.00	28.04 0.67 0.00	27.96 0.68 0.00	27.72 0.75 0.31	37.33 1.24 0.09	42.07 1.49 0.00	40.02 1.41 0.00	44.16 1.58 0.00	61.81 2.49 0.00	35.41 1.48 0.00	42.20 1.93 0.00	36.91 1.48 0.00	33.63 1.35 0.00	33.23 1.20 0.00
COOPERNY_115KV_TB1 80082	27.39 0.56 0.00	20.59 0.40 0.00	17.29 0.32 0.00	16.01 0.29 0.00	14.78 0.29 0.00	16.27 0.32 0.00	19.11 0.39 0.00	19.90 0.47 0.00	27.58 0.66 -0.07	30.66 0.81 -0.37	31.21 0.99 0.00	28.38 1.01 0.00	28.36 1.08 0.00	28.54 1.14 -0.13	37.74 1.52 -0.04	42.45 1.87 0.00	40.41 1.80 0.00	44.57 1.99 0.00	62.12 2.80 0.00	35.40 1.47 0.00	42.00 1.73 0.00	36.84 1.41 0.00	33.53 1.26 0.00	33.06 1.03 0.00
COPENHAGEN_WT_PWR 323753	25.67 -1.16 0.00	19.46 -0.72 0.00	16.49 -0.48 0.00	15.45 -0.27 0.00	14.33 -0.16 0.00	15.87 -0.08 0.00	18.79 0.07 0.00	19.44 0.02 0.00	26.98 0.13 0.00	29.47 0.00 0.00	30.02 -0.19 0.00	27.07 -0.30 0.00	26.72 -0.57 0.00	26.41 -0.86 0.00	34.83 -1.35 0.00	39.49 -1.09 0.00	37.66 -0.95 0.00	41.41 -1.17 0.00	58.55 -0.77 0.00	33.71 -0.22 0.00	39.98 -0.30 0.00	35.07 -0.36 0.00	31.74 -0.54 0.00	31.31 -0.71 0.00
CORNELL___ 23752	27.74 0.92 0.00	20.83 0.64 0.00	17.49 0.52 0.00	16.18 0.46 0.00	14.93 0.43 0.00	16.43 0.48 0.00	19.40 0.68 0.00	20.17 0.75 0.00	27.99 1.14 0.00	30.69 1.21 0.00	31.48 1.27 0.00	28.37 1.00 0.00	28.27 0.98 0.00	28.12 0.85 0.00	37.16 0.98 0.00	41.62 1.05 0.00	39.65 1.04 0.00	43.78 1.20 0.00	60.87 1.56 0.00	34.86 0.93 0.00	41.51 1.24 0.00	36.42 0.98 0.00	33.13 0.85 0.00	32.83 0.80 0.00
CORONA_AV_69_KV_TB1 355595	28.46 1.64 0.00	22.19 1.24 -0.77	17.89 0.92 0.00	16.57 0.84 0.00	15.30 0.80 0.00	16.85 0.90 0.00	19.75 1.02 0.00	20.51 1.09 0.00	28.50 1.52 -0.13	31.94 1.80 -0.66	34.31 2.36 -1.74	34.66 2.35 -4.95	36.90 2.41 -7.21	45.76 2.50 -15.99	43.67 3.39 -4.10	55.45 4.14 -10.74	52.27 3.93 -9.73	46.76 4.18 0.00	89.49 5.82 -24.35	37.71 3.08 -0.70	43.82 3.55 0.00	38.72 3.01 -0.27	35.53 2.87 -0.38	34.58 2.55 0.00
CORTLAND_115KV_TB3 80093	27.41 0.58 0.00	20.58 0.40 0.00	17.28 0.31 0.00	16.00 0.28 0.00	14.76 0.27 0.00	16.25 0.30 0.00	19.16 0.44 0.00	19.91 0.48 0.00	27.61 0.75 0.00	30.28 0.80 0.00	31.05 0.84 0.00	28.04 0.67 0.00	27.94 0.65 0.00	27.84 0.56 0.00	36.85 0.67 0.00	41.31 0.73 0.00	39.35 0.74 0.00	43.40 0.82 0.00	60.28 0.97 0.00	34.48 0.55 0.00	41.03 0.76 0.00	36.02 0.59 0.00	32.79 0.51 0.00	32.52 0.49 0.00
COXSACKIE___GT 23611	28.16 1.34 0.00	21.18 1.00 0.00	17.81 0.84 0.00	16.53 0.81 0.00	15.26 0.77 0.00	16.81 0.86 0.00	19.76 1.04 0.00	20.66 1.24 0.00	28.38 1.57 0.05	30.62 1.42 0.28	31.30 1.08 0.00	28.33 0.96 0.00	28.36 1.07 0.00	28.26 1.08 0.10	38.18 2.03 0.03	42.47 1.89 0.00	40.29 1.68 0.00	44.75 2.17 0.00	63.17 3.86 0.00	36.33 2.41 0.00	43.48 3.21 0.00	37.99 2.56 0.00	34.53 2.25 0.00	34.17 2.14 0.00
CPV_VALLEY___CC1 323721	27.36 0.53 0.00	20.57 0.38 0.00	17.27 0.30 0.00	16.00 0.27 0.00	14.78 0.29 0.00	16.26 0.31 0.00	19.10 0.38 0.00	19.90 0.47 0.00	27.60 0.65 -0.09	30.81 0.83 -0.50	31.25 1.04 0.00	28.44 1.07 0.00	28.44 1.16 0.00	28.68 1.24 -0.17	37.91 1.68 -0.05	42.67 2.10 0.00	40.63 2.02 0.00	44.81 2.23 0.00	62.46 3.14 0.00	35.56 1.63 0.00	42.18 1.91 0.00	36.97 1.54 0.00	33.66 1.38 0.00	33.14 1.12 0.00

CPV_VALLEY___CC2 323722	27.36 0.53 0.00	20.57 0.38 0.00	17.27 0.30 0.00	16.00 0.27 0.00	14.78 0.29 0.00	16.26 0.31 0.00	19.10 0.38 0.00	19.90 0.47 0.00	27.60 0.65 -0.09	30.81 0.83 -0.50	31.25 1.04 0.00	28.44 1.07 0.00	28.44 1.16 0.00	28.68 1.24 -0.17	37.91 1.68 -0.05	42.67 2.10 0.00	40.63 2.02 0.00	44.81 2.23 0.00	62.46 3.14 0.00	35.56 1.63 0.00	42.18 1.91 0.00	36.97 1.54 0.00	33.66 1.38 0.00	33.14 1.12 0.00
CRESCENT___HYD 24018	27.39 0.57 0.00	20.61 0.43 0.00	17.35 0.38 0.00	16.11 0.38 0.00	14.85 0.36 0.00	16.35 0.40 0.00	19.14 0.42 0.00	19.92 0.49 0.00	27.23 0.54 0.17	29.24 0.67 0.90	30.83 0.62 0.00	28.04 0.67 0.00	27.96 0.68 0.00	27.72 0.75 0.31	37.33 1.24 0.09	42.07 1.49 0.00	40.02 1.41 0.00	44.16 1.58 0.00	61.81 2.49 0.00	35.41 1.48 0.00	42.20 1.93 0.00	36.91 1.48 0.00	33.63 1.35 0.00	33.23 1.20 0.00
CRICKET___VALLEY_CC1 323756	27.37 0.54 0.00	20.58 0.39 0.00	17.33 0.36 0.00	16.09 0.36 0.00	14.84 0.34 0.00	16.32 0.37 0.00	19.13 0.41 0.00	19.91 0.48 0.00	25.68 0.57 1.75	20.97 0.73 9.24	31.16 0.94 0.00	28.38 1.01 0.00	28.34 1.05 0.00	25.22 1.14 3.19	36.84 1.62 0.95	42.74 2.17 0.00	40.73 2.12 0.00	44.90 2.32 0.00	62.76 3.44 0.00	35.77 1.84 0.00	42.42 2.15 0.00	37.13 1.70 0.00	33.80 1.52 0.00	33.30 1.27 0.00
CRICKET___VALLEY_CC2 323757	27.37 0.54 0.00	20.58 0.39 0.00	17.33 0.36 0.00	16.09 0.36 0.00	14.84 0.34 0.00	16.32 0.37 0.00	19.13 0.41 0.00	19.91 0.48 0.00	25.68 0.57 1.75	20.97 0.73 9.24	31.16 0.94 0.00	28.38 1.01 0.00	28.34 1.05 0.00	25.22 1.14 3.19	36.84 1.62 0.95	42.74 2.17 0.00	40.73 2.12 0.00	44.90 2.32 0.00	62.76 3.44 0.00	35.77 1.84 0.00	42.42 2.15 0.00	37.13 1.70 0.00	33.80 1.52 0.00	33.30 1.27 0.00
CRICKET___VALLEY_CC3 323758	27.37 0.54 0.00	20.58 0.39 0.00	17.33 0.36 0.00	16.09 0.36 0.00	14.84 0.34 0.00	16.32 0.37 0.00	19.13 0.41 0.00	19.91 0.48 0.00	25.68 0.57 1.75	20.97 0.73 9.24	31.16 0.94 0.00	28.38 1.01 0.00	28.34 1.05 0.00	25.22 1.14 3.19	36.84 1.62 0.95	42.74 2.17 0.00	40.73 2.12 0.00	44.90 2.32 0.00	62.76 3.44 0.00	35.77 1.84 0.00	42.42 2.15 0.00	37.13 1.70 0.00	33.80 1.52 0.00	33.30 1.27 0.00
CRUCIBLE_METL_DRP 24180	27.17 0.34 0.00	20.40 0.22 0.00	17.14 0.17 0.00	15.88 0.15 0.00	14.63 0.14 0.00	16.09 0.15 0.00	18.93 0.21 0.00	19.61 0.18 0.00	27.15 0.28 0.00	29.77 0.30 0.00	30.52 0.30 0.00	27.54 0.17 0.00	27.41 0.13 0.00	27.36 0.08 0.00	36.23 0.05 0.00	40.56 -0.02 0.00	38.60 -0.01 0.00	42.55 -0.02 0.00	59.18 -0.13 0.00	33.85 -0.08 0.00	40.28 0.01 0.00	35.37 -0.06 0.00	32.26 -0.02 0.00	32.11 0.08 0.00
DAHOWA___HYDRO 323763	27.88 1.05 0.00	20.88 0.70 0.00	17.52 0.55 0.00	16.26 0.54 0.00	15.00 0.51 0.00	16.53 0.58 0.00	19.39 0.68 0.00	20.15 0.72 0.00	27.55 0.84 0.14	29.70 0.98 0.75	31.10 0.89 0.00	28.27 0.90 0.00	28.29 1.01 0.00	28.02 1.00 0.26	37.83 1.72 0.08	42.65 2.07 0.00	40.59 1.98 0.00	44.76 2.18 0.00	62.63 3.31 0.00	35.96 2.03 0.00	42.83 2.56 0.00	37.41 1.98 0.00	33.99 1.71 0.00	33.55 1.52 0.00
DANC___LFGE 323619	26.08 -0.75 0.00	19.70 -0.48 0.00	16.64 -0.33 0.00	15.52 -0.21 0.00	14.35 -0.14 0.00	15.86 -0.09 0.00	18.71 -0.01 0.00	19.36 -0.07 0.00	26.83 -0.02 0.00	29.36 -0.12 0.00	29.95 -0.27 0.00	27.00 -0.36 0.00	26.72 -0.57 0.00	26.50 -0.78 0.00	34.99 -1.19 0.00	39.48 -1.10 0.00	37.61 -1.00 0.00	41.39 -1.19 0.00	58.21 -1.10 0.00	33.45 -0.48 0.00	39.72 -0.55 0.00	34.87 -0.56 0.00	31.68 -0.60 0.00	31.38 -0.64 0.00
DANSKAMMER___1 23586	27.98 1.15 0.00	21.02 0.83 0.00	17.65 0.68 0.00	16.34 0.62 0.00	15.09 0.60 0.00	16.61 0.66 0.00	19.51 0.79 0.00	20.34 0.92 0.00	28.25 1.29 -0.10	31.55 1.56 -0.52	32.03 1.82 0.00	29.18 1.81 0.00	29.22 1.94 0.00	29.51 2.05 -0.18	39.03 2.80 -0.05	44.01 3.43 0.00	41.93 3.33 0.00	46.23 3.65 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.48 3.20 0.00	38.06 2.63 0.00	34.61 2.33 0.00	34.02 1.99 0.00
DANSKAMMER___2 23589	27.98 1.15 0.00	21.02 0.83 0.00	17.65 0.68 0.00	16.34 0.62 0.00	15.09 0.60 0.00	16.61 0.66 0.00	19.51 0.79 0.00	20.34 0.92 0.00	28.25 1.29 -0.10	31.55 1.56 -0.52	32.03 1.82 0.00	29.18 1.81 0.00	29.22 1.94 0.00	29.51 2.05 -0.18	39.03 2.80 -0.05	44.01 3.43 0.00	41.93 3.33 0.00	46.23 3.65 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.48 3.20 0.00	38.06 2.63 0.00	34.61 2.33 0.00	34.02 1.99 0.00
DANSKAMMER___3 23590	27.98 1.15 0.00	21.02 0.83 0.00	17.65 0.68 0.00	16.34 0.62 0.00	15.09 0.60 0.00	16.61 0.66 0.00	19.51 0.79 0.00	20.34 0.92 0.00	28.25 1.29 -0.10	31.55 1.56 -0.52	32.03 1.82 0.00	29.18 1.81 0.00	29.22 1.94 0.00	29.51 2.05 -0.18	39.03 2.80 -0.05	44.01 3.43 0.00	41.93 3.33 0.00	46.23 3.65 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.48 3.20 0.00	38.06 2.63 0.00	34.61 2.33 0.00	34.02 1.99 0.00
DANSKAMMER___4 23591	27.98 1.15 0.00	21.02 0.83 0.00	17.65 0.68 0.00	16.34 0.62 0.00	15.09 0.60 0.00	16.61 0.66 0.00	19.51 0.79 0.00	20.34 0.92 0.00	28.25 1.29 -0.10	31.55 1.56 -0.52	32.03 1.82 0.00	29.18 1.81 0.00	29.22 1.94 0.00	29.51 2.05 -0.18	39.03 2.80 -0.05	44.01 3.43 0.00	41.93 3.33 0.00	46.23 3.65 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.48 3.20 0.00	38.06 2.63 0.00	34.61 2.33 0.00	34.02 1.99 0.00
DANSKAMMER___DIESEL 23592	27.98 1.15 0.00	21.02 0.84 0.00	17.65 0.68 0.00	16.34 0.62 0.00	15.09 0.59 0.00	16.61 0.66 0.00	19.51 0.79 0.00	20.34 0.92 0.00	28.25 1.29 -0.10	31.55 1.56 -0.52	32.03 1.82 0.00	29.18 1.81 0.00	29.22 1.94 0.00	29.51 2.05 -0.18	39.04 2.80 -0.05	44.01 3.43 0.00	41.93 3.32 0.00	46.24 3.65 0.00	64.43 5.11 0.00	36.67 2.74 0.00	43.48 3.20 0.00	38.06 2.63 0.00	34.61 2.33 0.00	34.02 1.99 0.00
DARBY___SOLAR 323810	27.82 0.99 0.00	20.86 0.67 0.00	17.50 0.53 0.00	16.25 0.52 0.00	14.98 0.49 0.00	16.50 0.56 0.00	19.36 0.64 0.00	20.11 0.69 0.00	27.52 0.81 0.15	29.64 0.94 0.78	31.07 0.86 0.00	28.24 0.87 0.00	28.24 0.96 0.00	27.96 0.95 0.27	37.73 1.63 0.08	42.56 1.99 0.00	40.49 1.88 0.00	44.64 2.06 0.00	62.46 3.15 0.00	35.85 1.92 0.00	42.70 2.43 0.00	37.32 1.88 0.00	33.92 1.64 0.00	33.48 1.46 0.00
DASHVILLE___HYD 23610	27.60 0.78 0.00	20.71 0.53 0.00	17.39 0.42 0.00	16.11 0.38 0.00	14.88 0.39 0.00	16.36 0.41 0.00	19.24 0.52 0.00	20.10 0.67 0.00	27.90 0.99 -0.05	31.02 1.30 -0.25	31.69 1.48 0.00	28.87 1.51 0.00	28.88 1.59 0.00	29.12 1.76 -0.09	38.54 2.33 -0.03	43.44 2.87 0.00	41.41 2.80 0.00	45.68 3.10 0.00	63.71 4.39 0.00	36.28 2.35 0.00	42.99 2.72 0.00	37.69 2.25 0.00	34.30 2.02 0.00	33.72 1.70 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	29.89 3.07 0.00	23.46 2.51 -0.77	18.90 1.93 0.00	17.50 1.77 0.00	16.10 1.60 0.00	17.80 1.86 0.00	20.63 1.91 0.00	21.34 1.92 0.00	29.84 2.86 -0.13	33.58 3.44 -0.66	36.24 4.29 -1.74	37.30 4.28 -5.66	131.91 4.18 -100.45	192.07 4.22 -160.58	119.15 5.68 -77.29	471.35 6.79 -423.98	328.85 6.46 -283.78	378.59 6.88 -329.13	375.74 9.57 -306.86	154.05 5.34 -114.79	68.44 6.16 -22.02	40.73 5.02 -0.28	37.46 4.80 -0.38	36.34 4.31 0.00
DELAWARE___LFGE 323621	27.58 0.75 0.00	20.74 0.55 0.00	17.44 0.47 0.00	16.15 0.43 0.00	14.89 0.39 0.00	16.38 0.43 0.00	19.27 0.55 0.00	20.05 0.62 0.00	27.78 0.92 0.00	30.51 1.03 0.00	31.31 1.10 0.00	28.37 1.00 0.00	28.31 1.03 0.00	28.30 1.03 0.00	37.47 1.29 0.00	42.06 1.48 0.00	39.97 1.36 0.00	44.11 1.53 0.00	61.40 2.09 0.00	35.13 1.20 0.00	41.75 1.48 0.00	36.66 1.23 0.00	33.39 1.11 0.00	33.02 0.99 0.00
DERFIELD_115KV_TB7 355931	26.67 -0.16 0.00	20.08 -0.10 0.00	16.89 -0.08 0.00	15.66 -0.06 0.00	14.43 -0.07 0.00	15.88 -0.06 0.00	18.64 -0.08 0.00	19.34 -0.09 0.00	26.74 -0.11 0.00	29.33 -0.15 0.00	30.05 -0.16 0.00	27.24 -0.13 0.00	27.17 -0.11 0.00	27.15 -0.12 0.00	36.03 -0.15 0.00	40.65 0.07 0.00	38.69 0.08 0.00	42.68 0.10 0.00	59.49 0.18 0.00	34.02 0.09 0.00	40.40 0.13 0.00	35.50 0.07 0.00	32.34 0.06 0.00	32.06 0.03 0.00
DOGLEVILLE___HYD 23807	26.46 -0.37 0.00	19.71 -0.47 0.00	16.55 -0.42 0.00	15.32 -0.41 0.00	14.20 -0.30 0.00	15.62 -0.33 0.00	18.44 -0.28 0.00	19.27 -0.16 0.00	26.53 -0.33 0.00	29.07 -0.41 0.00	29.92 -0.29 0.00	27.07 -0.30 0.00	27.17 -0.11 0.00	27.32 0.05 0.00	36.29 0.11 0.00	40.98 0.41 0.00	39.03 0.42 0.00	43.25 0.67 0.00	60.48 1.17 0.00	34.68 0.74 0.00	41.28 1.01 0.00	36.00 0.56 0.00	32.62 0.35 0.00	32.02 0.00 0.00
DUNKIRK___115KV_TB_200 55889	28.25 1.43 0.00	21.29 1.10 0.00	17.81 0.84 0.00	16.43 0.71 0.00	15.04 0.54 0.00	16.56 0.61 0.00	19.62 0.90 0.00	20.34 0.92 0.00	28.72 1.86 0.00	31.45 1.97 0.00	31.99 1.77 0.00	28.44 1.07 0.00	28.41 1.13 0.00	28.13 0.86 0.00	37.12 0.94 0.00	40.54 -0.03 0.00	38.63 0.02 0.00	42.38 -0.20 0.00	58.13 -1.18 0.00	33.33 -0.60 0.00	39.98 -0.29 0.00	35.22 -0.21 0.00	32.66 0.39 0.00	32.36 0.33 0.00
DUNKIRK___1 23563	28.25 1.43 0.00	21.29 1.10 0.00	17.81 0.84 0.00	16.43 0.71 0.00	15.04 0.54 0.00	16.56 0.61 0.00	19.62 0.90 0.00	20.34 0.92 0.00	28.72 1.86 0.00	31.45 1.97 0.00	31.99 1.77 0.00	28.44 1.07 0.00	28.41 1.13 0.00	28.13 0.86 0.00	37.12 0.94 0.00	40.54 -0.03 0.00	38.63 0.02 0.00	42.38 -0.20 0.00	58.13 -1.18 0.00	33.33 -0.60 0.00	39.98 -0.29 0.00	35.22 -0.21 0.00	32.66 0.39 0.00	32.36 0.33 0.00
DUNKIRK___2 23564	28.25 1.43 0.00	21.29 1.10 0.00	17.81 0.84 0.00	16.43 0.71 0.00	15.04 0.54 0.00	16.56 0.61 0.00	19.62 0.90 0.00	20.34 0.92 0.00	28.72 1.86 0.00	31.45 1.97 0.00	31.99 1.77 0.00	28.44 1.07 0.00	28.41 1.13 0.00	28.13 0.86 0.00	37.12 0.94 0.00	40.54 -0.03 0.00	38.63 0.02 0.00	42.38 -0.20 0.00	58.13 -1.18 0.00	33.33 -0.60 0.00	39.98 -0.29 0.00	35.22 -0.21 0.00	32.66 0.39 0.00	32.36 0.33 0.00
DUNKIRK___3 23565	28.18 1.35 0.00	21.23 1.04 0.00	17.76 0.79 0.00	16.38 0.66 0.00	14.98 0.49 0.00	16.50 0.55 0.00	19.55 0.83 0.00	20.23 0.81 0.00	28.56 1.70 0.00	31.26 1.79 0.00	31.77 1.55 0.00	28.23 0.86 0.00	28.19 0.90 0.00	27.90 0.63 0.00	36.81 0.63 0.00	40.31 -0.26 0.00	38.43 -0.18 0.00	42.15 -0.43 0.00	57.81 -1.51 0.00	33.15 -0.78 0.00	39.81 -0.46 0.00	35.09 -0.34 0.00	32.58 0.30 0.00	32.30 0.27 0.00
DUNKIRK___4 23566	28.18 1.35 0.00	21.23 1.04 0.00	17.76 0.79 0.00	16.38 0.66 0.00	14.98 0.49 0.00	16.50 0.55 0.00	19.55 0.83 0.00	20.23 0.81 0.00	28.56 1.70 0.00	31.26 1.79 0.00	31.77 1.55 0.00	28.23 0.86 0.00	28.19 0.90 0.00	27.90 0.63 0.00	36.81 0.63 0.00	40.31 -0.26 0.00	38.43 -0.18 0.00	42.15 -0.43 0.00	57.81 -1.51 0.00	33.15 -0.78 0.00	39.81 -0.46 0.00	35.09 -0.34 0.00	32.58 0.30 0.00	32.30 0.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	27.87 1.05 0.00	20.96 0.78 0.00	17.57 0.60 0.00	16.28 0.55 0.00	15.04 0.55 0.00	16.56 0.61 0.00	19.46 0.74 0.00	20.30 0.87 0.00	28.20 1.22 -0.12	31.63 1.49 -0.66	32.00 1.79 0.00	29.17 1.80 0.00	29.17 1.88 0.00	29.50 2.00 -0.23	38.96 2.72 -0.07	43.89 3.32 0.00	41.78 3.17 0.00	46.05 3.46 0.00	64.12 4.80 0.00	36.44 2.51 0.00	43.21 2.94 0.00	37.87 2.44 0.00	34.49 2.21 0.00	33.91 1.88 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.73 0.91 0.00	20.84 0.66 0.00	17.49 0.52 0.00	16.19 0.47 0.00	14.96 0.46 0.00	16.46 0.52 0.00	19.35 0.63 0.00	20.18 0.75 0.00	28.00 1.05 -0.10	31.27 1.29 -0.51	31.73 1.51 0.00	28.89 1.52 0.00	28.93 1.64 0.00	29.20 1.75 -0.18	38.60 2.37 -0.05	43.49 2.91 0.00	41.43 2.82 0.00	45.70 3.12 0.00	63.71 4.39 0.00	36.26 2.33 0.00	42.99 2.72 0.00	37.65 2.22 0.00	34.26 1.98 0.00	33.68 1.66 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	28.06 1.23 0.00	21.12 0.94 0.00	17.70 0.73 0.00	16.38 0.65 0.00	15.14 0.65 0.00	16.65 0.71 0.00	19.59 0.87 0.00	20.44 1.02 0.00	28.38 1.39 -0.12	31.78 1.64 -0.66	32.17 1.96 0.00	29.36 1.99 0.00	29.36 2.07 0.00	29.68 2.18 -0.23	39.10 2.85 -0.07	44.11 3.53 0.00	42.00 3.39 0.00	46.27 3.69 0.00	64.34 5.03 0.00	36.62 2.69 0.00	43.41 3.14 0.00	38.11 2.67 0.00	34.70 2.42 0.00	34.14 2.11 0.00
E179THST_13_KV_LOAD 356214	28.21 1.39 0.00	21.24 1.06 0.00	17.79 0.82 0.00	16.46 0.73 0.00	15.22 0.73 0.00	16.74 0.79 0.00	19.69 0.97 0.00	20.56 1.13 0.00	28.55 1.57 -0.12	31.97 1.83 -0.66	32.37 2.16 0.00	29.55 2.18 0.00	29.55 2.26 0.00	29.87 2.37 -0.23	39.35 3.10 -0.07	44.39 3.82 0.00	42.27 3.66 0.00	46.58 3.99 0.00	64.75 5.44 0.00	36.85 2.92 0.00	43.69 3.42 0.00	38.36 2.92 0.00	34.92 2.64 0.00	34.34 2.31 0.00
EAST HAMPTON___GT 23717	30.40 3.57 0.00	23.85 2.90 -0.77	19.22 2.25 0.00	17.78 2.06 0.00	16.44 1.95 0.00	18.10 2.16 0.00	20.95 2.23 0.00	21.69 2.26 0.00	30.39 3.41 -0.13	34.28 4.14 -0.66	36.89 4.94 -1.74	37.91 4.88 -5.66	132.36 4.63 -100.43	192.50 4.64 -160.59	119.72 6.24 -77.30	472.01 7.45 -423.98	329.49 7.09 -283.79	379.24 7.57 -329.09	376.64 10.47 -306.84	154.67 5.96 -114.78	69.17 6.89 -22.02	41.29 5.58 -0.28	38.14 5.48 -0.38	37.01 4.98 0.00
EAST RIVER___6 23660	27.97 1.15 0.00	21.04 0.85 0.00	17.61 0.64 0.00	16.31 0.58 0.00	15.11 0.62 0.00	16.60 0.65 0.00	19.53 0.81 0.00	20.39 0.97 0.00	28.37 1.39 -0.12	31.84 1.70 -0.66	32.24 2.03 0.00	29.41 2.04 0.00	29.43 2.14 0.00	29.77 2.27 -0.23	39.30 3.05 -0.07	44.30 3.72 0.00	42.13 3.52 0.00	46.42 3.84 0.00	64.54 5.22 0.00	36.65 2.72 0.00	43.48 3.21 0.00	38.11 2.67 0.00	34.70 2.42 0.00	34.11 2.09 0.00

EAST RIVER___7 23524	27.97 1.15 0.00	21.04 0.85 0.00	17.61 0.64 0.00	16.31 0.58 0.00	15.11 0.62 0.00	16.60 0.65 0.00	19.53 0.81 0.00	20.39 0.97 0.00	28.37 1.39 -0.12	31.84 1.70 -0.66	32.24 2.03 0.00	29.41 2.04 0.00	29.43 2.14 0.00	29.77 2.27 -0.23	39.30 3.05 -0.07	44.30 3.72 0.00	42.13 3.52 0.00	46.42 3.84 0.00	64.54 5.22 0.00	36.65 2.72 0.00	43.48 3.21 0.00	38.11 2.67 0.00	34.70 2.42 0.00	34.11 2.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.81 0.99 0.00	20.91 0.73 0.00	17.53 0.57 0.00	16.24 0.51 0.00	15.01 0.51 0.00	16.52 0.58 0.00	19.42 0.70 0.00	20.25 0.83 0.00	28.13 1.15 -0.12	31.55 1.41 -0.66	31.90 1.69 0.00	29.08 1.71 0.00	29.09 1.80 0.00	29.41 1.91 -0.23	38.84 2.59 -0.07	43.77 3.19 0.00	41.65 3.04 0.00	45.92 3.34 0.00	63.96 4.65 0.00	36.35 2.42 0.00	43.10 2.83 0.00	37.77 2.34 0.00	34.39 2.11 0.00	33.81 1.79 0.00
EAST_HAMPTON___DIESEL 23722	30.40 3.58 0.00	23.85 2.90 -0.77	19.22 2.25 0.00	17.79 2.06 0.00	16.44 1.95 0.00	18.11 2.16 0.00	20.95 2.23 0.00	21.69 2.27 0.00	30.39 3.41 -0.13	34.28 4.14 -0.66	36.91 4.96 -1.74	37.92 4.89 -5.66	132.37 4.64 -100.44	192.52 4.66 -160.59	119.75 6.27 -77.30	472.05 7.49 -423.98	329.52 7.12 -283.79	379.28 7.61 -329.09	376.68 10.52 -306.85	154.70 5.99 -114.78	69.20 6.91 -22.02	41.31 5.60 -0.28	38.16 5.49 -0.38	37.02 4.99 0.00
EAST_PULASKI___ESR 323781	26.54 -0.29 0.00	19.98 -0.20 0.00	16.82 -0.15 0.00	15.61 -0.11 0.00	14.41 -0.08 0.00	15.87 -0.08 0.00	18.68 -0.04 0.00	19.32 -0.10 0.00	26.77 -0.09 0.00	29.32 -0.15 0.00	29.93 -0.29 0.00	26.97 -0.40 0.00	26.75 -0.53 0.00	26.61 -0.66 0.00	35.21 -0.98 0.00	39.51 -1.06 0.00	37.61 -1.00 0.00	41.43 -1.15 0.00	57.93 -1.39 0.00	33.23 -0.70 0.00	39.54 -0.73 0.00	34.73 -0.70 0.00	31.72 -0.56 0.00	31.56 -0.47 0.00
EAST_RIVER___1 323558	27.94 1.11 0.00	21.00 0.82 0.00	17.60 0.63 0.00	16.29 0.57 0.00	15.08 0.59 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.33 1.34 -0.12	31.78 1.64 -0.66	32.18 1.96 0.00	29.34 1.97 0.00	29.35 2.06 0.00	29.68 2.18 -0.23	39.18 2.93 -0.07	44.16 3.58 0.00	41.99 3.39 0.00	46.29 3.71 0.00	64.39 5.07 0.00	36.56 2.63 0.00	43.37 3.10 0.00	38.02 2.58 0.00	34.62 2.35 0.00	34.02 1.99 0.00
EAST_RIVER___2 323559	27.97 1.15 0.00	21.04 0.85 0.00	17.61 0.64 0.00	16.31 0.58 0.00	15.11 0.62 0.00	16.60 0.65 0.00	19.53 0.81 0.00	20.39 0.97 0.00	28.37 1.39 -0.12	31.84 1.70 -0.66	32.24 2.03 0.00	29.41 2.04 0.00	29.43 2.14 0.00	29.77 2.27 -0.23	39.30 3.05 -0.07	44.30 3.72 0.00	42.13 3.52 0.00	46.42 3.84 0.00	64.54 5.22 0.00	36.65 2.72 0.00	43.48 3.21 0.00	38.11 2.67 0.00	34.70 2.42 0.00	34.11 2.09 0.00
EAST___DELAWARE_HYD 23607	27.63 0.81 0.00	20.76 0.57 0.00	17.41 0.44 0.00	16.11 0.39 0.00	14.88 0.39 0.00	16.39 0.44 0.00	19.25 0.52 0.00	20.08 0.66 0.00	28.00 1.08 -0.07	31.14 1.31 -0.35	31.81 1.59 0.00	28.75 1.38 0.00	28.85 1.56 0.00	29.01 1.61 -0.12	38.13 1.91 -0.04	43.08 2.50 0.00	41.10 2.49 0.00	45.47 2.89 0.00	63.50 4.18 0.00	36.15 2.22 0.00	42.83 2.55 0.00	37.47 2.04 0.00	34.01 1.73 0.00	33.38 1.36 0.00
EIGHT_POINT___WT_PWR 323820	28.06 1.24 0.00	20.86 0.68 0.00	17.52 0.55 0.00	16.19 0.47 0.00	14.75 0.25 0.00	16.36 0.42 0.00	19.51 0.80 0.00	20.32 0.89 0.00	28.65 1.79 0.00	31.26 1.78 0.00	31.84 1.63 0.00	28.33 0.96 0.00	28.00 0.72 0.00	27.77 0.50 0.00	36.79 0.61 0.00	40.97 0.39 0.00	38.97 0.36 0.00	42.84 0.26 0.00	59.24 -0.08 0.00	34.00 0.07 0.00	40.68 0.41 0.00	36.01 0.58 0.00	33.07 0.79 0.00	32.85 0.82 0.00
ELBRIDGE_115KV_TB2 80188	27.11 0.28 0.00	20.40 0.21 0.00	17.14 0.17 0.00	15.86 0.14 0.00	14.61 0.12 0.00	16.07 0.12 0.00	18.88 0.16 0.00	19.56 0.14 0.00	27.07 0.21 0.00	29.71 0.24 0.00	30.46 0.24 0.00	27.45 0.08 0.00	27.35 0.06 0.00	27.29 0.01 0.00	36.09 -0.09 0.00	40.40 -0.18 0.00	38.44 -0.16 0.00	42.38 -0.19 0.00	58.94 -0.38 0.00	33.75 -0.18 0.00	40.15 -0.12 0.00	35.28 -0.16 0.00	32.14 -0.13 0.00	32.02 0.00 0.00
ELEC_TRO_TEK 24086	28.25 1.43 0.00	22.09 1.14 -0.77	17.80 0.83 0.00	16.49 0.77 0.00	15.22 0.73 0.00	16.78 0.83 0.00	19.63 0.91 0.00	20.39 0.97 0.00	28.35 1.37 -0.13	31.79 1.65 -0.66	34.15 2.20 -1.74	34.50 2.18 -4.95	36.71 2.22 -7.21	45.57 2.31 -15.99	43.37 3.08 -4.10	55.10 3.78 -10.74	51.91 3.57 -9.73	46.42 3.84 0.00	89.10 5.43 -24.35	37.50 2.86 -0.70	43.57 3.30 0.00	38.51 2.80 -0.27	35.27 2.61 -0.38	34.31 2.28 0.00
ELLENBURG_WT_PWR 323604	23.14 -3.68 0.00	17.80 -2.38 0.00	15.02 -1.95 0.00	14.13 -1.60 0.00	12.92 -1.58 0.00	14.59 -1.35 0.00	17.35 -1.37 0.00	18.11 -1.31 0.00	25.56 -1.30 0.00	27.50 -1.98 0.00	27.81 -2.40 0.00	25.43 -1.94 0.00	25.21 -2.08 0.00	24.93 -2.34 0.00	33.18 -3.00 0.00	40.75 0.18 0.00	39.54 0.94 0.00	43.66 1.08 0.00	60.63 1.31 0.00	34.85 0.93 0.00	41.17 0.90 0.00	36.14 0.70 0.00	32.80 0.52 0.00	32.56 0.53 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.11 1.28 0.00	21.18 1.00 0.00	17.73 0.76 0.00	16.33 0.60 0.00	14.89 0.40 0.00	16.38 0.43 0.00	19.38 0.67 0.00	19.95 0.53 0.00	28.20 1.34 0.00	30.86 1.38 0.00	31.22 1.01 0.00	27.69 0.32 0.00	27.59 0.30 0.00	27.25 -0.02 0.00	35.95 -0.23 0.00	39.56 -1.02 0.00	37.73 -0.88 0.00	41.36 -1.22 0.00	56.73 -2.59 0.00	32.56 -1.37 0.00	39.18 -1.10 0.00	34.57 -0.86 0.00	32.21 -0.06 0.00	32.01 -0.01 0.00
EMPIRE_CC_1 323656	26.95 0.12 0.00	20.29 0.10 0.00	17.09 0.12 0.00	15.87 0.15 0.00	14.69 0.19 0.00	16.11 0.17 0.00	18.86 0.14 0.00	19.61 0.19 0.00	26.74 0.11 0.22	28.49 0.20 1.18	30.35 0.13 0.00	27.61 0.24 0.00	27.52 0.24 0.00	27.19 0.33 0.41	36.65 0.59 0.12	41.37 0.79 0.00	39.33 0.72 0.00	43.40 0.82 0.00	60.77 1.45 0.00	34.80 0.86 0.00	41.43 1.16 0.00	36.30 0.86 0.00	33.10 0.82 0.00	32.72 0.70 0.00
EMPIRE_CC_2 323658	26.95 0.12 0.00	20.29 0.10 0.00	17.09 0.12 0.00	15.87 0.15 0.00	14.69 0.19 0.00	16.11 0.17 0.00	18.86 0.14 0.00	19.61 0.19 0.00	26.74 0.11 0.22	28.49 0.20 1.18	30.35 0.13 0.00	27.61 0.24 0.00	27.52 0.24 0.00	27.19 0.33 0.41	36.65 0.59 0.12	41.37 0.79 0.00	39.33 0.72 0.00	43.40 0.82 0.00	60.77 1.45 0.00	34.80 0.86 0.00	41.43 1.16 0.00	36.30 0.86 0.00	33.10 0.82 0.00	32.72 0.70 0.00
ENORWICH_115KV_TB1 80156	28.89 2.06 0.00	21.63 1.44 0.00	18.13 1.16 0.00	16.78 1.06 0.00	15.51 1.01 0.00	17.08 1.13 0.00	20.37 1.65 0.00	21.28 1.86 0.00	29.57 2.71 0.00	32.17 2.69 0.00	33.16 2.95 0.00	29.83 2.46 0.00	29.69 2.41 0.00	29.47 2.20 0.00	38.85 2.67 0.00	43.43 2.86 0.00	41.63 3.02 0.00	46.01 3.43 0.00	64.11 4.80 0.00	36.77 2.84 0.00	43.82 3.55 0.00	38.37 2.94 0.00	34.75 2.47 0.00	34.23 2.21 0.00

ERIE_ST__34_KV_TB1-2 80199	28.47 1.65 0.00	21.41 1.23 0.00	17.91 0.94 0.00	16.50 0.77 0.00	15.07 0.57 0.00	16.58 0.63 0.00	19.65 0.92 0.00	20.27 0.85 0.00	28.65 1.79 0.00	31.42 1.94 0.00	31.83 1.61 0.00	28.24 0.87 0.00	28.17 0.88 0.00	27.84 0.56 0.00	36.69 0.51 0.00	40.50 -0.08 0.00	38.65 0.04 0.00	42.37 -0.21 0.00	58.03 -1.28 0.00	33.22 -0.71 0.00	39.90 -0.36 0.00	35.22 -0.22 0.00	32.71 0.44 0.00	32.43 0.40 0.00
ERIE_WT_PWR 323693	28.26 1.44 0.00	21.31 1.12 0.00	17.83 0.86 0.00	16.41 0.69 0.00	14.96 0.47 0.00	16.48 0.53 0.00	19.52 0.80 0.00	20.11 0.68 0.00	28.42 1.57 0.00	31.12 1.64 0.00	31.49 1.28 0.00	27.94 0.57 0.00	27.83 0.55 0.00	27.52 0.25 0.00	36.28 0.10 0.00	39.94 -0.63 0.00	38.11 -0.50 0.00	41.78 -0.80 0.00	57.25 -2.06 0.00	32.85 -1.09 0.00	39.52 -0.75 0.00	34.88 -0.55 0.00	32.44 0.16 0.00	32.23 0.20 0.00
ESPRGFLD_115KV_TB1 80157	28.48 1.65 0.00	21.49 1.31 0.00	18.04 1.07 0.00	16.68 0.95 0.00	15.32 0.83 0.00	16.89 0.95 0.00	19.97 1.25 0.00	20.74 1.31 0.00	28.81 2.01 0.05	31.28 2.10 0.29	32.28 2.07 0.00	29.12 1.75 0.00	29.01 1.73 0.00	28.85 1.68 0.10	38.10 1.95 0.03	42.79 2.22 0.00	40.68 2.07 0.00	44.98 2.40 0.00	62.69 3.37 0.00	35.81 1.88 0.00	42.41 2.14 0.00	37.38 1.95 0.00	34.04 1.76 0.00	33.81 1.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.69 0.87 0.00	20.80 0.62 0.00	17.46 0.49 0.00	16.16 0.44 0.00	14.91 0.41 0.00	16.40 0.46 0.00	19.37 0.65 0.00	20.14 0.71 0.00	27.93 1.07 0.00	30.61 1.14 0.00	31.41 1.19 0.00	28.31 0.94 0.00	28.20 0.91 0.00	28.07 0.79 0.00	37.09 0.91 0.00	41.56 0.98 0.00	39.59 0.98 0.00	43.71 1.13 0.00	60.76 1.44 0.00	34.80 0.87 0.00	41.43 1.17 0.00	36.36 0.93 0.00	33.07 0.79 0.00	32.78 0.75 0.00
ETNA____115KV_TB2 80207	27.69 0.87 0.00	20.80 0.62 0.00	17.46 0.49 0.00	16.16 0.44 0.00	14.91 0.41 0.00	16.40 0.46 0.00	19.37 0.65 0.00	20.14 0.71 0.00	27.93 1.07 0.00	30.61 1.14 0.00	31.41 1.19 0.00	28.31 0.94 0.00	28.20 0.91 0.00	28.07 0.79 0.00	37.09 0.91 0.00	41.56 0.98 0.00	39.59 0.98 0.00	43.71 1.13 0.00	60.76 1.44 0.00	34.80 0.87 0.00	41.43 1.17 0.00	36.36 0.93 0.00	33.07 0.79 0.00	32.78 0.75 0.00
EUCLID____115KV_TB2 356179	26.86 0.03 0.00	20.18 0.00 0.00	16.95 -0.02 0.00	15.70 -0.03 0.00	14.46 -0.03 0.00	15.90 -0.05 0.00	18.68 -0.04 0.00	19.33 -0.10 0.00	26.75 -0.11 0.00	29.33 -0.14 0.00	30.05 -0.17 0.00	27.14 -0.23 0.00	27.01 -0.27 0.00	26.95 -0.32 0.00	35.73 -0.46 0.00	39.99 -0.58 0.00	38.05 -0.55 0.00	41.94 -0.64 0.00	58.35 -0.97 0.00	33.36 -0.57 0.00	39.68 -0.59 0.00	34.87 -0.56 0.00	31.85 -0.43 0.00	31.72 -0.31 0.00
E_CANADA_CAP_HY 24051	28.71 1.88 0.00	21.72 1.54 0.00	18.23 1.26 0.00	16.84 1.12 0.00	15.47 0.98 0.00	17.06 1.12 0.00	20.13 1.41 0.00	20.85 1.43 0.00	28.93 2.15 0.08	31.22 2.16 0.42	32.27 2.05 0.00	29.04 1.67 0.00	28.93 1.64 0.00	28.81 1.68 0.14	38.11 1.97 0.04	42.86 2.29 0.00	40.72 2.12 0.00	45.10 2.52 0.00	63.06 3.75 0.00	36.07 2.15 0.00	42.67 2.40 0.00	37.63 2.19 0.00	34.28 2.00 0.00	34.13 2.10 0.00
E_CANADA_MHWK_HY 24050	26.46 -0.37 0.00	19.71 -0.47 0.00	16.55 -0.42 0.00	15.32 -0.41 0.00	14.20 -0.30 0.00	15.62 -0.33 0.00	18.44 -0.28 0.00	19.27 -0.16 0.00	26.53 -0.33 0.00	29.07 -0.41 0.00	29.92 -0.29 0.00	27.07 -0.30 0.00	27.17 -0.11 0.00	27.32 0.05 0.00	36.29 0.11 0.00	40.98 0.41 0.00	39.03 0.42 0.00	43.25 0.67 0.00	60.48 1.17 0.00	34.68 0.74 0.00	41.28 1.01 0.00	36.00 0.56 0.00	32.62 0.35 0.00	32.02 0.00 0.00
E_FISHKILL____LBMP 23776	27.63 0.80 0.00	20.78 0.60 0.00	17.45 0.48 0.00	16.17 0.45 0.00	14.93 0.43 0.00	16.43 0.48 0.00	19.29 0.56 0.00	20.10 0.67 0.00	27.89 0.90 -0.13	31.27 1.11 -0.68	31.56 1.34 0.00	28.73 1.37 0.00	28.73 1.45 0.00	29.05 1.54 -0.23	38.35 2.10 -0.07	43.20 2.62 0.00	41.12 2.51 0.00	45.34 2.76 0.00	63.21 3.90 0.00	36.00 2.07 0.00	42.69 2.42 0.00	37.42 1.99 0.00	34.08 1.81 0.00	33.55 1.53 0.00
FALCON____SEABRD_CC1 323796	23.37 -3.45 0.00	18.00 -2.18 0.00	15.19 -1.78 0.00	14.28 -1.44 0.00	13.07 -1.43 0.00	14.75 -1.20 0.00	17.54 -1.18 0.00	18.32 -1.11 0.00	25.87 -0.99 0.00	27.92 -1.55 0.00	28.20 -2.02 0.00	25.77 -1.60 0.00	25.51 -1.77 0.00	25.26 -2.02 0.00	33.63 -2.55 0.00	41.23 0.66 0.00	40.06 1.45 0.00	44.23 1.66 0.00	61.37 2.05 0.00	35.29 1.36 0.00	41.71 1.44 0.00	36.53 1.10 0.00	33.17 0.89 0.00	32.94 0.92 0.00
FALCON____SEABRD_CC2 323797	23.37 -3.45 0.00	18.00 -2.18 0.00	15.19 -1.78 0.00	14.28 -1.44 0.00	13.07 -1.43 0.00	14.75 -1.20 0.00	17.54 -1.18 0.00	18.32 -1.11 0.00	25.87 -0.99 0.00	27.92 -1.55 0.00	28.20 -2.02 0.00	25.77 -1.60 0.00	25.51 -1.77 0.00	25.26 -2.02 0.00	33.63 -2.55 0.00	41.23 0.66 0.00	40.06 1.45 0.00	44.23 1.66 0.00	61.37 2.05 0.00	35.29 1.36 0.00	41.71 1.44 0.00	36.53 1.10 0.00	33.17 0.89 0.00	32.94 0.92 0.00
FAR ROCKAWAY____4 23548	28.75 1.92 0.00	22.39 1.44 -0.77	18.05 1.08 0.00	16.71 0.99 0.00	15.43 0.94 0.00	16.99 1.04 0.00	19.93 1.21 0.00	20.71 1.28 0.00	28.78 1.79 -0.13	32.18 2.04 -0.66	34.56 2.61 -1.74	34.92 2.61 -4.95	37.19 2.70 -7.21	46.06 2.79 -15.99	44.10 3.82 -4.10	55.94 4.63 -10.74	52.70 4.36 -9.73	47.14 4.56 0.00	89.78 6.11 -24.35	37.87 3.24 -0.70	44.00 3.73 0.00	38.86 3.15 -0.27	35.76 3.10 -0.38	34.87 2.85 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	27.96 1.14 0.00	21.03 0.85 0.00	17.61 0.64 0.00	16.31 0.59 0.00	15.09 0.60 0.00	16.60 0.66 0.00	19.54 0.82 0.00	20.40 0.97 0.00	28.36 1.37 -0.12	31.81 1.66 -0.66	32.20 1.98 0.00	29.35 1.99 0.00	29.36 2.07 0.00	29.69 2.19 -0.23	39.19 2.94 -0.07	44.18 3.60 0.00	42.02 3.41 0.00	46.30 3.72 0.00	64.42 5.10 0.00	36.58 2.65 0.00	43.38 3.11 0.00	38.03 2.60 0.00	34.64 2.36 0.00	34.03 2.01 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	27.99 1.16 0.00	21.05 0.86 0.00	17.63 0.66 0.00	16.32 0.60 0.00	15.10 0.61 0.00	16.61 0.67 0.00	19.55 0.83 0.00	20.41 0.99 0.00	28.38 1.39 -0.12	31.83 1.69 -0.66	32.21 2.00 0.00	29.37 2.01 0.00	29.38 2.09 0.00	29.71 2.21 -0.23	39.23 2.98 -0.07	44.21 3.64 0.00	42.05 3.44 0.00	46.34 3.76 0.00	64.47 5.15 0.00	36.62 2.69 0.00	43.43 3.16 0.00	38.07 2.64 0.00	34.68 2.40 0.00	34.07 2.05 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	27.94 1.12 0.00	21.02 0.83 0.00	17.61 0.64 0.00	16.30 0.58 0.00	15.08 0.59 0.00	16.60 0.65 0.00	19.53 0.81 0.00	20.39 0.97 0.00	28.35 1.37 -0.12	31.80 1.66 -0.66	32.18 1.97 0.00	29.34 1.97 0.00	29.35 2.06 0.00	29.67 2.17 -0.23	39.16 2.91 -0.07	44.14 3.57 0.00	41.98 3.37 0.00	46.28 3.70 0.00	64.38 5.06 0.00	36.56 2.63 0.00	43.35 3.08 0.00	38.00 2.57 0.00	34.61 2.33 0.00	34.01 1.99 0.00

FARRAGUT___LBMP 323566	27.92 1.10 0.00	21.00 0.82 0.00	17.59 0.62 0.00	16.29 0.56 0.00	15.07 0.58 0.00	16.58 0.63 0.00	19.51 0.79 0.00	20.37 0.94 0.00	28.30 1.32 -0.12	31.75 1.61 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.31 2.02 0.00	29.64 2.13 -0.23	39.12 2.87 -0.07	44.09 3.52 0.00	41.94 3.33 0.00	46.21 3.63 0.00	64.29 4.98 0.00	36.52 2.59 0.00	43.30 3.03 0.00	37.96 2.53 0.00	34.58 2.30 0.00	33.98 1.96 0.00
FENNER___WINDPWR 24204	27.27 0.45 0.00	20.46 0.28 0.00	17.19 0.22 0.00	15.94 0.22 0.00	14.70 0.21 0.00	16.20 0.25 0.00	19.15 0.43 0.00	19.88 0.46 0.00	27.58 0.72 0.00	30.24 0.76 0.00	30.98 0.77 0.00	27.99 0.63 0.00	27.90 0.61 0.00	27.74 0.47 0.00	36.79 0.61 0.00	41.36 0.79 0.00	39.40 0.79 0.00	43.47 0.88 0.00	60.55 1.24 0.00	34.63 0.69 0.00	41.17 0.90 0.00	36.14 0.70 0.00	32.86 0.58 0.00	32.56 0.53 0.00
FIBERTEK___ENERGY 23856	27.17 0.34 0.00	20.40 0.22 0.00	17.14 0.17 0.00	15.88 0.15 0.00	14.63 0.14 0.00	16.09 0.15 0.00	18.93 0.21 0.00	19.61 0.18 0.00	27.15 0.28 0.00	29.77 0.30 0.00	30.52 0.30 0.00	27.54 0.17 0.00	27.41 0.13 0.00	27.36 0.08 0.00	36.23 0.05 0.00	40.56 -0.02 0.00	38.60 -0.01 0.00	42.55 -0.02 0.00	59.18 -0.13 0.00	33.85 -0.08 0.00	40.28 0.01 0.00	35.37 -0.06 0.00	32.26 -0.02 0.00	32.11 0.08 0.00
FITZPATRICK____ 23598	26.40 -0.43 0.00	19.86 -0.32 0.00	16.69 -0.28 0.00	15.45 -0.28 0.00	14.22 -0.27 0.00	15.65 -0.30 0.00	18.35 -0.37 0.00	18.97 -0.46 0.00	26.23 -0.63 0.00	28.77 -0.71 0.00	29.45 -0.77 0.00	26.60 -0.76 0.00	26.49 -0.79 0.00	26.44 -0.84 0.00	35.04 -1.14 0.00	39.28 -1.29 0.00	37.37 -1.23 0.00	41.20 -1.38 0.00	57.35 -1.96 0.00	32.81 -1.12 0.00	39.01 -1.26 0.00	34.31 -1.12 0.00	31.34 -0.94 0.00	31.27 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	28.87 2.04 0.00	22.68 1.73 -0.77	18.26 1.29 0.00	16.91 1.19 0.00	15.56 1.07 0.00	17.20 1.26 0.00	19.96 1.24 0.00	20.62 1.20 0.00	28.71 1.72 -0.13	32.17 2.03 -0.66	34.83 2.88 -1.74	36.19 2.95 -5.87	143.73 2.94 -113.51	234.97 3.02 -204.67	146.91 3.96 -106.77	569.02 4.77 -523.67	401.59 4.50 -358.49	421.86 4.77 -374.51	425.12 6.73 -359.08	170.24 3.61 -132.70	75.28 4.13 -30.88	39.18 3.46 -0.28	35.95 3.29 -0.38	34.98 2.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.03 1.20 0.00	21.06 0.88 0.00	17.68 0.71 0.00	16.37 0.65 0.00	15.11 0.62 0.00	16.64 0.69 0.00	19.55 0.83 0.00	20.38 0.96 0.00	28.32 1.36 -0.10	31.65 1.64 -0.53	32.11 1.89 0.00	29.27 1.90 0.00	29.30 2.02 0.00	29.60 2.14 -0.18	39.17 2.93 -0.06	44.14 3.56 0.00	42.07 3.47 0.00	46.37 3.79 0.00	64.60 5.28 0.00	36.76 2.83 0.00	43.59 3.32 0.00	38.15 2.72 0.00	34.69 2.41 0.00	34.10 2.07 0.00
FORT ORANGE____ 23900	27.07 0.25 0.00	20.37 0.19 0.00	17.15 0.18 0.00	15.91 0.19 0.00	14.69 0.19 0.00	16.16 0.21 0.00	18.94 0.22 0.00	19.74 0.32 0.00	27.05 0.31 0.11	29.21 0.32 0.59	30.41 0.19 0.00	27.51 0.15 0.00	27.45 0.17 0.00	27.29 0.22 0.21	36.61 0.49 0.06	41.18 0.61 0.00	39.09 0.48 0.00	43.17 0.59 0.00	60.42 1.11 0.00	34.63 0.69 0.00	41.27 1.00 0.00	36.14 0.71 0.00	32.94 0.67 0.00	32.61 0.58 0.00
FORT_DRUM_COGEN 23780	25.74 -1.09 0.00	19.48 -0.71 0.00	16.49 -0.47 0.00	15.43 -0.30 0.00	14.32 -0.18 0.00	15.85 -0.10 0.00	18.80 0.08 0.00	19.48 0.05 0.00	27.06 0.20 0.00	29.53 0.05 0.00	30.05 -0.17 0.00	27.10 -0.27 0.00	26.72 -0.57 0.00	26.37 -0.91 0.00	34.77 -1.41 0.00	39.55 -1.03 0.00	37.74 -0.87 0.00	41.55 -1.03 0.00	58.77 -0.55 0.00	33.89 -0.04 0.00	40.25 -0.02 0.00	35.32 -0.12 0.00	31.94 -0.34 0.00	31.49 -0.53 0.00
FPL_FAR_ROCK_GT1 24212	28.75 1.92 0.00	22.38 1.43 -0.77	18.05 1.08 0.00	16.71 0.99 0.00	15.44 0.95 0.00	16.99 1.04 0.00	19.93 1.21 0.00	20.70 1.28 0.00	28.77 1.79 -0.13	32.19 2.05 -0.66	34.56 2.62 -1.74	34.93 2.61 -4.95	37.20 2.71 -7.21	46.06 2.79 -15.99	44.10 3.82 -4.10	55.94 4.63 -10.74	52.70 4.36 -9.73	47.15 4.57 0.00	89.79 6.11 -24.36	37.88 3.25 -0.71	44.00 3.73 0.00	38.86 3.15 -0.28	35.77 3.11 -0.38	34.88 2.85 0.00
FPL_FAR_ROCK_GT2 23815	28.75 1.92 0.00	22.38 1.43 -0.77	18.05 1.08 0.00	16.71 0.99 0.00	15.44 0.95 0.00	16.99 1.04 0.00	19.93 1.21 0.00	20.70 1.28 0.00	28.77 1.79 -0.13	32.19 2.05 -0.66	34.56 2.62 -1.74	34.93 2.61 -4.95	37.20 2.71 -7.21	46.06 2.79 -15.99	44.10 3.82 -4.10	55.94 4.63 -10.74	52.70 4.36 -9.73	47.15 4.57 0.00	89.79 6.11 -24.36	37.88 3.25 -0.71	44.00 3.73 0.00	38.86 3.15 -0.28	35.77 3.11 -0.38	34.88 2.85 0.00
FRANKLIN_FALL_HYD 24054	23.29 -3.53 0.00	17.86 -2.32 0.00	15.06 -1.91 0.00	14.13 -1.60 0.00	12.92 -1.58 0.00	14.60 -1.35 0.00	17.39 -1.33 0.00	18.18 -1.24 0.00	25.90 -1.23 -0.28	27.60 -1.98 -0.10	28.22 -2.43 -0.43	25.38 -1.99 0.00	25.15 -2.13 0.00	24.86 -2.41 0.00	33.05 -3.14 0.00	40.58 0.00 -0.01	39.31 0.70 0.00	43.42 0.84 0.00	64.89 1.14 -4.43	38.50 0.81 -3.76	51.13 0.79 -10.07	40.72 0.65 -4.64	36.06 0.39 -3.40	34.43 0.32 -2.09
FREEPORT_EQUS_GT1 23764	28.55 1.72 0.00	22.28 1.33 -0.77	17.95 0.98 0.00	16.62 0.90 0.00	15.37 0.88 0.00	16.92 0.97 0.00	19.79 1.07 0.00	20.55 1.13 0.00	28.58 1.60 -0.13	32.04 1.89 -0.66	34.41 2.46 -1.74	34.79 2.47 -4.95	37.02 2.53 -7.21	45.82 2.56 -15.99	43.56 3.28 -4.10	55.34 4.03 -10.74	52.16 3.82 -9.73	46.71 4.13 0.00	89.48 5.80 -24.36	37.73 3.09 -0.71	43.94 3.67 0.00	38.81 3.10 -0.28	35.58 2.92 -0.38	34.56 2.54 0.00
FREEPORT___CT2 23818	28.55 1.72 0.00	22.28 1.33 -0.77	17.95 0.98 0.00	16.62 0.90 0.00	15.37 0.88 0.00	16.92 0.97 0.00	19.79 1.07 0.00	20.55 1.13 0.00	28.58 1.60 -0.13	32.04 1.89 -0.66	34.41 2.46 -1.74	34.79 2.47 -4.95	37.02 2.53 -7.21	45.82 2.56 -15.99	43.56 3.28 -4.10	55.34 4.03 -10.74	52.16 3.82 -9.73	46.71 4.13 0.00	89.48 5.80 -24.36	37.73 3.09 -0.71	43.94 3.67 0.00	38.81 3.10 -0.28	35.58 2.92 -0.38	34.56 2.54 0.00
FRESHKLS_33_KV_LOAD 356253	28.12 1.29 0.00	21.16 0.98 0.00	17.71 0.74 0.00	16.35 0.62 0.00	15.07 0.58 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.38 0.95 0.00	28.16 1.32 0.02	30.80 1.60 0.28	30.09 1.87 2.00	29.38 2.01 -0.01	29.36 2.07 0.00	29.70 2.19 -0.23	39.05 2.80 -0.07	39.10 3.37 4.85	41.70 3.33 0.24	46.25 3.67 0.00	60.38 4.75 3.69	34.00 2.58 2.51	37.88 2.90 5.29	33.08 2.48 4.83	31.06 2.32 3.54	31.87 2.02 2.18
FULTON COGEN____ 23766	26.82 0.00 0.00	20.16 -0.02 0.00	16.94 -0.03 0.00	15.68 -0.04 0.00	14.45 -0.04 0.00	15.89 -0.05 0.00	18.66 -0.06 0.00	19.30 -0.13 0.00	26.71 -0.15 0.00	29.31 -0.16 0.00	30.01 -0.20 0.00	27.07 -0.30 0.00	26.90 -0.38 0.00	26.81 -0.47 0.00	35.54 -0.64 0.00	39.78 -0.79 0.00	37.82 -0.78 0.00	41.68 -0.89 0.00	58.15 -1.16 0.00	33.29 -0.64 0.00	39.61 -0.66 0.00	34.81 -0.62 0.00	31.81 -0.47 0.00	31.71 -0.32 0.00



FULTON___LFGE 323630	29.47 2.65 0.00	21.97 1.78 0.00	18.51 1.54 0.00	17.06 1.34 0.00	15.76 1.27 0.00	17.32 1.37 0.00	20.72 2.00 0.00	21.34 1.92 0.00	29.38 2.61 0.09	31.43 2.42 0.47	32.42 2.21 0.00	28.58 1.21 0.00	29.14 1.85 0.00	28.65 1.54 0.16	38.03 1.90 0.05	42.87 2.29 0.00	41.31 2.70 0.00	47.18 4.60 0.00	66.60 7.29 0.00	38.16 4.22 0.00	45.19 4.92 0.00	39.58 4.15 0.00	35.88 3.60 0.00	35.46 3.43 0.00
G.F.CEMENT___DRP 24184	28.08 1.25 0.00	20.96 0.77 0.00	17.53 0.56 0.00	16.28 0.56 0.00	15.01 0.52 0.00	16.55 0.61 0.00	19.46 0.74 0.00	20.17 0.75 0.00	27.64 0.92 0.13	29.87 1.10 0.71	31.20 0.98 0.00	28.38 1.01 0.00	28.39 1.11 0.00	28.09 1.07 0.24	37.88 1.77 0.07	42.80 2.23 0.00	40.70 2.09 0.00	44.86 2.29 0.00	62.75 3.44 0.00	36.05 2.12 0.00	42.96 2.69 0.00	37.50 2.07 0.00	34.03 1.75 0.00	33.57 1.54 0.00
GARDENVILLE___LBMP 24039	28.16 1.34 0.00	21.22 1.04 0.00	17.76 0.79 0.00	16.36 0.63 0.00	14.93 0.43 0.00	16.42 0.48 0.00	19.45 0.72 0.00	20.04 0.61 0.00	28.31 1.45 0.00	30.99 1.51 0.00	31.37 1.15 0.00	27.83 0.46 0.00	27.73 0.45 0.00	27.41 0.13 0.00	36.15 -0.03 0.00	39.78 -0.79 0.00	37.95 -0.66 0.00	41.61 -0.98 0.00	57.05 -2.27 0.00	32.74 -1.19 0.00	39.38 -0.89 0.00	34.76 -0.67 0.00	32.35 0.07 0.00	32.12 0.10 0.00
GARDNVLA_35_KV_LD 355827	28.31 1.48 0.00	21.33 1.14 0.00	17.85 0.88 0.00	16.43 0.71 0.00	14.99 0.50 0.00	16.49 0.54 0.00	19.53 0.81 0.00	20.12 0.70 0.00	28.44 1.59 0.00	31.15 1.67 0.00	31.53 1.31 0.00	27.97 0.60 0.00	27.88 0.59 0.00	27.55 0.28 0.00	36.34 0.16 0.00	40.01 -0.57 0.00	38.18 -0.43 0.00	41.84 -0.74 0.00	57.34 -1.97 0.00	32.90 -1.04 0.00	39.58 -0.69 0.00	34.92 -0.51 0.00	32.49 0.21 0.00	32.25 0.23 0.00
GELCKHM___115KV_LOAD 80723	26.96 0.14 0.00	20.27 0.08 0.00	17.02 0.05 0.00	15.76 0.04 0.00	14.52 0.03 0.00	15.97 0.03 0.00	18.76 0.04 0.00	19.42 0.00 0.00	26.89 0.04 0.00	29.49 0.01 0.00	30.22 0.01 0.00	27.29 -0.08 0.00	27.16 -0.12 0.00	27.10 -0.17 0.00	35.91 -0.27 0.00	40.21 -0.37 0.00	38.26 -0.35 0.00	42.17 -0.41 0.00	58.66 -0.65 0.00	33.54 -0.39 0.00	39.91 -0.36 0.00	35.06 -0.37 0.00	32.00 -0.28 0.00	31.87 -0.16 0.00
GENERAL___MILLS 23808	28.24 1.42 0.00	21.28 1.10 0.00	17.81 0.84 0.00	16.40 0.68 0.00	14.97 0.47 0.00	16.46 0.52 0.00	19.50 0.78 0.00	20.09 0.66 0.00	28.38 1.53 0.00	31.08 1.60 0.00	31.46 1.24 0.00	27.91 0.54 0.00	27.81 0.52 0.00	27.48 0.21 0.00	36.24 0.06 0.00	39.90 -0.67 0.00	38.06 -0.55 0.00	41.73 -0.85 0.00	57.20 -2.11 0.00	32.82 -1.11 0.00	39.48 -0.79 0.00	34.85 -0.58 0.00	32.43 0.15 0.00	32.19 0.17 0.00
GE_PLASTICS___DRP 24183	27.10 0.27 0.00	20.39 0.21 0.00	17.17 0.20 0.00	15.93 0.20 0.00	14.69 0.20 0.00	16.16 0.21 0.00	18.93 0.22 0.00	19.72 0.29 0.00	27.07 0.31 0.09	29.30 0.31 0.48	30.44 0.23 0.00	27.59 0.22 0.00	27.47 0.18 0.00	27.36 0.25 0.17	36.57 0.44 0.05	41.13 0.55 0.00	39.06 0.45 0.00	43.09 0.51 0.00	60.26 0.94 0.00	34.52 0.58 0.00	41.10 0.83 0.00	36.05 0.61 0.00	32.94 0.66 0.00	32.73 0.70 0.00
GILBOA___1 23756	27.31 0.49 0.00	20.55 0.37 0.00	17.34 0.37 0.00	16.06 0.34 0.00	14.81 0.32 0.00	16.24 0.29 0.00	19.06 0.33 0.00	19.83 0.40 0.00	27.38 0.52 0.00	30.09 0.62 0.00	30.89 0.68 0.00	28.05 0.68 0.00	27.98 0.69 0.00	28.01 0.74 0.00	37.11 0.93 0.00	41.69 1.11 0.00	39.47 0.86 0.00	43.53 0.95 0.00	60.74 1.42 0.00	34.89 0.96 0.00	41.52 1.25 0.00	36.51 1.07 0.00	33.30 1.03 0.00	32.94 0.92 0.00
GILBOA___2 23757	27.31 0.49 0.00	20.55 0.37 0.00	17.34 0.37 0.00	16.06 0.34 0.00	14.81 0.32 0.00	16.24 0.29 0.00	19.06 0.33 0.00	19.83 0.40 0.00	27.38 0.52 0.00	30.09 0.62 0.00	30.89 0.68 0.00	28.05 0.68 0.00	27.98 0.69 0.00	28.01 0.74 0.00	37.11 0.93 0.00	41.69 1.11 0.00	39.47 0.86 0.00	43.53 0.95 0.00	60.74 1.42 0.00	34.89 0.96 0.00	41.52 1.25 0.00	36.51 1.07 0.00	33.30 1.03 0.00	32.94 0.92 0.00
GILBOA___3 23758	27.31 0.49 0.00	20.55 0.37 0.00	17.34 0.37 0.00	16.06 0.34 0.00	14.81 0.32 0.00	16.24 0.29 0.00	19.06 0.33 0.00	19.83 0.40 0.00	27.38 0.52 0.00	30.09 0.62 0.00	30.89 0.68 0.00	28.05 0.68 0.00	27.98 0.69 0.00	28.01 0.74 0.00	37.11 0.93 0.00	41.69 1.11 0.00	39.47 0.86 0.00	43.53 0.95 0.00	60.74 1.42 0.00	34.89 0.96 0.00	41.52 1.25 0.00	36.51 1.07 0.00	33.30 1.03 0.00	32.94 0.92 0.00
GILBOA___4 23759	27.31 0.49 0.00	20.55 0.37 0.00	17.34 0.37 0.00	16.06 0.34 0.00	14.81 0.32 0.00	16.24 0.29 0.00	19.06 0.33 0.00	19.83 0.40 0.00	27.38 0.52 0.00	30.09 0.62 0.00	30.89 0.68 0.00	28.05 0.68 0.00	27.98 0.69 0.00	28.01 0.74 0.00	37.11 0.93 0.00	41.69 1.11 0.00	39.47 0.86 0.00	43.53 0.95 0.00	60.74 1.42 0.00	34.89 0.96 0.00	41.52 1.25 0.00	36.51 1.07 0.00	33.30 1.03 0.00	32.94 0.92 0.00
GILBOA___ 23599	27.31 0.49 0.00	20.55 0.37 0.00	17.34 0.37 0.00	16.06 0.34 0.00	14.81 0.32 0.00	16.24 0.29 0.00	19.06 0.33 0.00	19.83 0.40 0.00	27.38 0.52 0.00	30.09 0.62 0.00	30.89 0.68 0.00	28.05 0.68 0.00	27.98 0.69 0.00	28.01 0.73 0.00	37.12 0.93 0.00	41.69 1.11 0.00	39.47 0.86 0.00	43.53 0.95 0.00	60.74 1.43 0.00	34.89 0.96 0.00	41.52 1.25 0.00	36.51 1.07 0.00	33.31 1.03 0.00	32.94 0.92 0.00
GINNA___ 23603	26.42 -0.40 0.00	19.89 -0.29 0.00	16.67 -0.30 0.00	15.39 -0.34 0.00	14.10 -0.39 0.00	15.52 -0.42 0.00	18.31 -0.41 0.00	18.93 -0.49 0.00	26.42 -0.44 0.00	29.02 -0.45 0.00	29.56 -0.65 0.00	26.50 -0.87 0.00	26.33 -0.95 0.00	26.16 -1.11 0.00	34.64 -1.54 0.00	38.59 -1.98 0.00	36.78 -1.83 0.00	40.48 -2.10 0.00	56.15 -3.16 0.00	32.11 -1.82 0.00	38.31 -1.96 0.00	33.67 -1.77 0.00	30.89 -1.39 0.00	30.71 -1.32 0.00
GLEN PARK___ 23778	26.00 -0.83 0.00	19.65 -0.53 0.00	16.63 -0.34 0.00	15.56 -0.17 0.00	14.42 -0.08 0.00	15.97 0.02 0.00	18.97 0.25 0.00	19.66 0.24 0.00	27.32 0.46 0.00	29.82 0.34 0.00	30.33 0.11 0.00	27.33 -0.04 0.00	26.86 -0.42 0.00	26.48 -0.80 0.00	34.92 -1.27 0.00	39.63 -0.95 0.00	37.81 -0.79 0.00	41.64 -0.94 0.00	59.01 -0.31 0.00	34.11 0.17 0.00	40.56 0.29 0.00	35.58 0.14 0.00	32.18 -0.10 0.00	31.71 -0.31 0.00
GLENDALE_27_KV_LOAD 356172	28.16 1.33 0.00	21.18 0.99 0.00	17.73 0.76 0.00	16.41 0.69 0.00	15.19 0.69 0.00	16.71 0.76 0.00	19.67 0.94 0.00	20.55 1.12 0.00	28.57 1.59 -0.12	32.03 1.89 -0.66	32.41 2.19 0.00	29.53 2.16 0.00	29.52 2.23 0.00	29.86 2.36 -0.23	39.35 3.10 -0.07	44.32 3.74 0.00	42.19 3.58 0.00	46.50 3.92 0.00	64.62 5.30 0.00	36.74 2.81 0.00	43.56 3.29 0.00	38.26 2.83 0.00	34.89 2.61 0.00	34.29 2.27 0.00

GLENWOOD_IC_1_G5 23712	28.23 1.41 0.00	22.03 1.08 -0.77	17.78 0.81 0.00	16.47 0.74 0.00	15.21 0.72 0.00	16.76 0.81 0.00	19.66 0.93 0.00	20.46 1.04 0.00	28.45 1.47 -0.13	31.92 1.78 -0.66	34.10 2.16 -1.74	34.44 2.12 -4.95	36.75 2.26 -7.21	45.53 2.27 -15.99	43.34 3.05 -4.10	55.09 3.77 -10.74	51.92 3.58 -9.73	46.44 3.86 0.00	89.06 5.39 -24.35	37.46 2.83 -0.70	43.52 3.25 0.00	38.51 2.81 -0.27	35.22 2.56 -0.38	34.35 2.33 0.00
GLENWOOD_IC_2_G1 23688	28.08 1.25 0.00	21.89 0.94 -0.77	17.69 0.72 0.00	16.38 0.66 0.00	15.15 0.66 0.00	16.67 0.72 0.00	19.55 0.84 0.00	20.37 0.95 0.00	28.30 1.32 -0.13	31.76 1.61 -0.66	33.97 2.02 -1.74	34.33 2.02 -4.95	36.59 2.10 -7.21	45.45 2.19 -15.99	43.23 2.95 -4.10	54.93 3.62 -10.74	51.78 3.44 -9.73	46.32 3.74 0.00	88.88 5.20 -24.36	37.37 2.73 -0.71	43.45 3.18 0.00	38.37 2.66 -0.28	35.09 2.43 -0.38	34.13 2.11 0.00
GLENWOOD_IC_3_G1 23689	28.08 1.25 0.00	21.89 0.94 -0.77	17.69 0.72 0.00	16.38 0.66 0.00	15.15 0.66 0.00	16.67 0.72 0.00	19.55 0.84 0.00	20.37 0.95 0.00	28.30 1.32 -0.13	31.76 1.61 -0.66	33.97 2.02 -1.74	34.33 2.02 -4.95	36.59 2.10 -7.21	45.45 2.19 -15.99	43.23 2.95 -4.10	54.93 3.62 -10.74	51.78 3.44 -9.73	46.32 3.74 0.00	88.88 5.20 -24.36	37.37 2.73 -0.71	43.45 3.18 0.00	38.37 2.66 -0.28	35.09 2.43 -0.38	34.13 2.11 0.00
GLENWOOD___4 23550	28.23 1.41 0.00	22.03 1.08 -0.77	17.78 0.81 0.00	16.47 0.74 0.00	15.21 0.72 0.00	16.76 0.81 0.00	19.66 0.93 0.00	20.46 1.04 0.00	28.45 1.47 -0.13	31.92 1.78 -0.66	34.15 2.20 -1.74	34.50 2.18 -4.95	36.78 2.29 -7.21	45.60 2.33 -15.99	43.43 3.15 -4.10	55.18 3.86 -10.74	52.02 3.68 -9.73	46.55 3.97 0.00	89.20 5.53 -24.35	37.54 2.90 -0.70	43.63 3.36 0.00	38.56 2.86 -0.27	35.26 2.61 -0.38	34.35 2.33 0.00
GLENWOOD___5 23614	28.23 1.41 0.00	22.03 1.08 -0.77	17.78 0.81 0.00	16.47 0.74 0.00	15.21 0.72 0.00	16.76 0.81 0.00	19.66 0.93 0.00	20.46 1.04 0.00	28.45 1.47 -0.13	31.92 1.78 -0.66	34.15 2.20 -1.74	34.50 2.18 -4.95	36.78 2.29 -7.21	45.60 2.33 -15.99	43.43 3.15 -4.10	55.18 3.86 -10.74	52.02 3.68 -9.73	46.55 3.97 0.00	89.20 5.53 -24.35	37.54 2.90 -0.70	43.63 3.36 0.00	38.56 2.86 -0.27	35.26 2.61 -0.38	34.35 2.33 0.00
GLOBAL GREEN_PORT_GT1 23814	30.27 3.45 0.00	23.72 2.77 -0.77	19.12 2.15 0.00	17.69 1.96 0.00	16.35 1.86 0.00	18.01 2.06 0.00	20.87 2.15 0.00	21.61 2.19 0.00	30.26 3.28 -0.13	34.11 3.97 -0.66	36.75 4.80 -1.74	37.76 4.74 -5.66	132.03 4.33 -100.42	192.14 4.26 -160.60	119.17 5.67 -77.32	471.36 6.81 -423.97	328.90 6.49 -283.79	378.54 6.93 -329.04	375.75 9.62 -306.82	154.10 5.41 -114.76	68.52 6.22 -22.03	40.73 5.01 -0.28	37.89 5.23 -0.38	36.86 4.83 0.00
GLOBE___DSASP 323697	27.47 0.65 0.00	20.74 0.56 0.00	17.36 0.39 0.00	15.98 0.26 0.00	14.54 0.05 0.00	15.97 0.02 0.00	18.86 0.14 0.00	19.32 -0.11 0.00	27.29 0.43 0.00	29.83 0.35 0.00	30.12 -0.09 0.00	26.70 -0.67 0.00	26.53 -0.75 0.00	26.17 -1.11 0.00	34.50 -1.68 0.00	37.92 -2.66 0.00	36.20 -2.41 0.00	39.64 -2.94 0.00	54.34 -4.98 0.00	31.29 -2.64 0.00	37.76 -2.52 0.00	33.35 -2.08 0.00	31.27 -1.01 0.00	31.13 -0.90 0.00
GOETHSLN___LBMP 323567	27.78 0.95 0.00	20.89 0.70 0.00	17.49 0.52 0.00	16.19 0.47 0.00	14.99 0.49 0.00	16.49 0.54 0.00	19.42 0.70 0.00	20.26 0.84 0.00	27.73 1.17 0.30	31.42 1.43 -0.51	31.28 1.75 0.68	29.16 1.79 0.00	29.15 1.87 0.00	29.47 1.97 -0.23	38.89 2.64 -0.07	38.96 3.24 4.85	41.45 3.08 0.24	45.96 3.38 0.00	59.35 4.66 4.62	32.42 2.41 3.92	32.58 2.80 10.50	32.91 2.32 4.84	30.85 2.11 3.54	31.62 1.77 2.18
GOLAH___69_KV_TB 1_2 80279	28.28 1.46 0.00	21.27 1.08 0.00	17.82 0.85 0.00	16.40 0.68 0.00	15.01 0.52 0.00	16.56 0.61 0.00	19.54 0.82 0.00	20.17 0.75 0.00	28.27 1.41 0.00	31.19 1.72 0.00	31.50 1.28 0.00	28.14 0.77 0.00	27.89 0.61 0.00	27.60 0.33 0.00	36.44 0.25 0.00	40.44 -0.13 0.00	38.59 -0.02 0.00	42.44 -0.13 0.00	58.77 -0.55 0.00	33.67 -0.26 0.00	40.29 0.02 0.00	35.46 0.02 0.00	32.67 0.39 0.00	32.44 0.41 0.00
GOODYEAR_LAKE_HYD 323669	27.95 1.13 0.00	21.04 0.86 0.00	17.68 0.71 0.00	16.36 0.64 0.00	15.07 0.58 0.00	16.59 0.64 0.00	19.57 0.85 0.00	20.36 0.93 0.00	28.27 1.42 0.00	31.02 1.54 0.00	31.81 1.60 0.00	28.79 1.42 0.00	28.72 1.43 0.00	28.67 1.40 0.00	37.88 1.70 0.00	42.50 1.92 0.00	40.41 1.80 0.00	44.62 2.04 0.00	62.12 2.81 0.00	35.50 1.57 0.00	42.15 1.88 0.00	37.04 1.61 0.00	33.72 1.44 0.00	33.36 1.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.44 0.62 0.00	20.59 0.41 0.00	17.29 0.32 0.00	16.01 0.28 0.00	14.76 0.27 0.00	16.24 0.30 0.00	19.16 0.44 0.00	19.95 0.53 0.00	27.74 0.88 0.00	30.38 0.90 0.00	31.17 0.96 0.00	28.12 0.75 0.00	28.06 0.77 0.00	28.00 0.73 0.00	37.09 0.91 0.00	41.52 0.95 0.00	39.51 0.90 0.00	43.53 0.95 0.00	60.23 0.92 0.00	34.40 0.46 0.00	40.99 0.72 0.00	36.03 0.60 0.00	32.83 0.55 0.00	32.48 0.46 0.00
GOUDEY___7 23579	27.47 0.64 0.00	20.61 0.43 0.00	17.30 0.33 0.00	16.02 0.29 0.00	14.78 0.28 0.00	16.26 0.31 0.00	19.18 0.46 0.00	19.97 0.55 0.00	27.77 0.91 0.00	30.41 0.93 0.00	31.21 1.00 0.00	28.15 0.78 0.00	28.10 0.81 0.00	28.04 0.77 0.00	37.13 0.95 0.00	41.58 1.00 0.00	39.57 0.96 0.00	43.60 1.02 0.00	60.31 0.99 0.00	34.44 0.51 0.00	41.04 0.77 0.00	36.07 0.63 0.00	32.86 0.58 0.00	32.51 0.49 0.00
GOUDEY___8 23580	27.44 0.62 0.00	20.59 0.41 0.00	17.29 0.32 0.00	16.01 0.28 0.00	14.76 0.27 0.00	16.24 0.30 0.00	19.16 0.44 0.00	19.95 0.53 0.00	27.74 0.88 0.00	30.38 0.90 0.00	31.17 0.96 0.00	28.12 0.75 0.00	28.06 0.77 0.00	28.00 0.73 0.00	37.09 0.91 0.00	41.52 0.95 0.00	39.51 0.90 0.00	43.53 0.95 0.00	60.23 0.92 0.00	34.40 0.46 0.00	40.99 0.72 0.00	36.03 0.60 0.00	32.83 0.55 0.00	32.48 0.46 0.00
GOWANUS_GT1_1 24077	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT1_2 24078	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00

GOWANUS_GT1_3 24079	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT1_4 24080	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT1_5 24084	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT1_6 24111	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT1_7 24112	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT1_8 24113	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT2_1 24114	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT2_2 24115	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT2_3 24116	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT2_4 24117	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT2_5 24118	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT2_6 24119	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT2_7 24120	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT2_8 24121	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT3_1 24122	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00

GOWANUS_GT3_2 24123	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT3_3 24124	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT3_4 24125	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT3_5 24126	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT3_6 24127	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT3_7 24128	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT3_8 24129	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
GOWANUS_GT4_1 24130	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT4_2 24131	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT4_3 24132	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT4_4 24133	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT4_5 24134	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT4_6 24135	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT4_7 24136	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GOWANUS_GT4_8 24137	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00

GREENBSH_115KV_TB3 55895	26.91 0.09 0.00	20.26 0.08 0.00	17.06 0.09 0.00	15.82 0.10 0.00	14.61 0.11 0.00	16.07 0.12 0.00	18.82 0.10 0.00	19.61 0.18 0.00	26.87 0.14 0.12	29.03 0.18 0.63	30.35 0.13 0.00	27.56 0.19 0.00	27.47 0.18 0.00	27.32 0.27 0.22	36.61 0.49 0.07	41.22 0.65 0.00	39.18 0.57 0.00	43.22 0.64 0.00	60.45 1.13 0.00	34.61 0.68 0.00	41.19 0.92 0.00	36.09 0.66 0.00	32.92 0.64 0.00	32.58 0.56 0.00
GREENDGE_115KV_TB5 80291	27.74 0.91 0.00	20.88 0.69 0.00	17.50 0.53 0.00	16.17 0.45 0.00	14.88 0.39 0.00	16.40 0.45 0.00	19.48 0.76 0.00	20.25 0.82 0.00	28.15 1.29 0.00	30.78 1.31 0.00	31.53 1.32 0.00	28.35 0.98 0.00	28.06 0.77 0.00	27.87 0.60 0.00	36.82 0.64 0.00	41.08 0.50 0.00	39.13 0.52 0.00	43.15 0.56 0.00	59.79 0.47 0.00	34.20 0.27 0.00	40.79 0.52 0.00	35.85 0.41 0.00	32.73 0.45 0.00	32.44 0.41 0.00
GREENIDGE___3 23582	27.74 0.91 0.00	20.88 0.69 0.00	17.50 0.53 0.00	16.17 0.45 0.00	14.88 0.39 0.00	16.40 0.45 0.00	19.48 0.76 0.00	20.25 0.82 0.00	28.15 1.29 0.00	30.78 1.31 0.00	31.53 1.32 0.00	28.35 0.98 0.00	28.06 0.77 0.00	27.87 0.60 0.00	36.82 0.64 0.00	41.08 0.50 0.00	39.13 0.52 0.00	43.15 0.56 0.00	59.79 0.47 0.00	34.20 0.27 0.00	40.79 0.52 0.00	35.85 0.41 0.00	32.73 0.45 0.00	32.44 0.41 0.00
GREENIDGE___4 23583	27.74 0.91 0.00	20.88 0.70 0.00	17.49 0.52 0.00	16.17 0.45 0.00	14.87 0.38 0.00	16.40 0.45 0.00	19.48 0.76 0.00	20.24 0.82 0.00	28.15 1.29 0.00	30.78 1.30 0.00	31.53 1.32 0.00	28.34 0.98 0.00	28.05 0.77 0.00	27.87 0.60 0.00	36.82 0.64 0.00	41.07 0.50 0.00	39.14 0.52 0.00	43.14 0.56 0.00	59.78 0.46 0.00	34.20 0.27 0.00	40.79 0.52 0.00	35.84 0.41 0.00	32.72 0.44 0.00	32.44 0.41 0.00
GREENLWN_69_KV_BK 3 55738	28.26 1.44 0.00	22.14 1.19 -0.77	17.83 0.86 0.00	16.51 0.79 0.00	15.24 0.75 0.00	16.79 0.84 0.00	19.62 0.90 0.00	20.35 0.93 0.00	28.28 1.30 -0.13	31.67 1.54 -0.66	34.18 2.24 -1.74	34.53 2.32 -4.84	30.67 2.29 -1.09	22.12 2.44 7.59	27.30 3.19 12.07	3.53 4.04 41.08	12.68 3.78 29.72	25.37 3.92 21.14	63.35 5.68 1.64	29.06 3.04 7.92	38.76 3.35 4.86	38.49 2.78 -0.27	35.33 2.67 -0.38	34.36 2.34 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00
GRISSOM___SOLAR 323813	29.47 2.65 0.00	21.97 1.78 0.00	18.51 1.54 0.00	17.06 1.34 0.00	15.76 1.27 0.00	17.32 1.37 0.00	20.72 2.00 0.00	21.34 1.92 0.00	29.38 2.61 0.09	31.43 2.42 0.47	32.42 2.21 0.00	28.58 1.21 0.00	29.14 1.85 0.00	28.65 1.54 0.16	38.03 1.90 0.05	42.87 2.29 0.00	41.31 2.70 0.00	47.18 4.60 0.00	66.60 7.29 0.00	38.16 4.22 0.00	45.19 4.92 0.00	39.58 4.15 0.00	35.88 3.60 0.00	35.46 3.43 0.00
GROVEVILLE___HYD 323602	28.03 1.20 0.00	21.06 0.88 0.00	17.68 0.71 0.00	16.37 0.65 0.00	15.11 0.62 0.00	16.64 0.69 0.00	19.55 0.83 0.00	20.38 0.96 0.00	28.32 1.36 -0.10	31.65 1.64 -0.53	32.11 1.89 0.00	29.27 1.90 0.00	29.30 2.02 0.00	29.60 2.14 -0.18	39.17 2.93 -0.06	44.14 3.56 0.00	42.07 3.47 0.00	46.37 3.79 0.00	64.60 5.28 0.00	36.76 2.83 0.00	43.59 3.32 0.00	38.15 2.72 0.00	34.69 2.41 0.00	34.10 2.07 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.17 0.34 0.00	20.40 0.22 0.00	17.14 0.17 0.00	15.88 0.15 0.00	14.63 0.14 0.00	16.09 0.15 0.00	18.93 0.21 0.00	19.61 0.18 0.00	27.15 0.28 0.00	29.77 0.30 0.00	30.52 0.30 0.00	27.54 0.17 0.00	27.41 0.13 0.00	27.36 0.08 0.00	36.23 0.05 0.00	40.56 -0.02 0.00	38.60 -0.01 0.00	42.55 -0.02 0.00	59.18 -0.13 0.00	33.85 -0.08 0.00	40.28 0.01 0.00	35.37 -0.06 0.00	32.26 -0.02 0.00	32.11 0.08 0.00
HAMLTNNY_34_KV_TB 80303	27.31 0.49 0.00	20.54 0.36 0.00	17.26 0.29 0.00	15.97 0.25 0.00	14.71 0.22 0.00	16.19 0.24 0.00	19.03 0.31 0.00	19.72 0.29 0.00	27.32 0.46 0.00	29.97 0.50 0.00	30.73 0.52 0.00	27.70 0.33 0.00	27.58 0.29 0.00	27.52 0.25 0.00	36.42 0.24 0.00	40.77 0.19 0.00	38.80 0.19 0.00	42.78 0.20 0.00	59.46 0.15 0.00	34.03 0.10 0.00	40.49 0.22 0.00	35.55 0.12 0.00	32.39 0.11 0.00	32.25 0.22 0.00
HAMPSHIRE___PAPER_HYD 323593	23.97 -2.86 0.00	18.23 -1.96 0.00	15.41 -1.56 0.00	14.40 -1.32 0.00	13.27 -1.22 0.00	14.83 -1.12 0.00	17.62 -1.10 0.00	18.32 -1.11 0.00	25.55 -1.31 0.00	27.57 -1.91 0.00	27.93 -2.28 0.00	25.32 -2.05 0.00	25.11 -2.17 0.00	24.86 -2.42 0.00	32.91 -3.27 0.00	38.90 -1.68 0.00	37.34 -1.27 0.00	41.15 -1.43 0.00	57.73 -1.59 0.00	33.14 -0.79 0.00	39.24 -1.03 0.00	34.53 -0.91 0.00	31.20 -1.08 0.00	30.79 -1.23 0.00
HARDSCRABBLE_WT_PWR 323673	26.56 -0.27 0.00	19.81 -0.37 0.00	16.63 -0.34 0.00	15.36 -0.36 0.00	14.23 -0.27 0.00	15.66 -0.29 0.00	18.49 -0.23 0.00	19.30 -0.12 0.00	26.62 -0.24 0.00	29.17 -0.30 0.00	30.01 -0.20 0.00	27.15 -0.22 0.00	27.19 -0.09 0.00	27.32 0.04 0.00	36.28 0.10 0.00	40.97 0.39 0.00	38.95 0.34 0.00	43.16 0.58 0.00	60.25 0.93 0.00	34.51 0.58 0.00	41.00 0.73 0.00	35.84 0.40 0.00	32.55 0.27 0.00	32.06 0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.79 0.97 0.00	20.83 0.64 0.00	17.46 0.49 0.00	16.17 0.45 0.00	14.97 0.47 0.00	16.45 0.51 0.00	19.40 0.68 0.00	20.25 0.82 0.00	28.13 1.16 -0.11	31.48 1.43 -0.57	31.91 1.70 0.00	29.09 1.72 0.00	29.14 1.85 0.00	29.44 1.97 -0.20	38.92 2.68 -0.06	43.83 3.25 0.00	41.80 3.19 0.00	46.11 3.53 0.00	64.24 4.92 0.00	36.50 2.57 0.00	43.24 2.97 0.00	37.84 2.41 0.00	34.41 2.14 0.00	33.80 1.78 0.00
HARSNRAD_115KV_TB1 81005	28.01 1.18 0.00	21.12 0.94 0.00	17.67 0.70 0.00	16.26 0.54 0.00	14.81 0.32 0.00	16.28 0.33 0.00	19.26 0.54 0.00	19.77 0.34 0.00	27.95 1.09 0.00	30.53 1.05 0.00	30.81 0.60 0.00	27.32 -0.05 0.00	27.14 -0.14 0.00	26.77 -0.50 0.00	35.28 -0.90 0.00	38.82 -1.76 0.00	37.04 -1.57 0.00	40.59 -1.99 0.00	55.74 -3.58 0.00	32.05 -1.88 0.00	38.64 -1.63 0.00	34.11 -1.33 0.00	31.89 -0.38 0.00	31.77 -0.25 0.00
HARZA MOOSE___RIVER 24016	26.13 -0.69 0.00	19.71 -0.47 0.00	16.66 -0.31 0.00	15.52 -0.20 0.00	14.37 -0.13 0.00	15.88 -0.07 0.00	18.81 0.09 0.00	19.52 0.09 0.00	27.10 0.25 0.00	29.65 0.18 0.00	30.28 0.07 0.00	27.38 0.01 0.00	27.26 -0.03 0.00	27.09 -0.18 0.00	35.83 -0.35 0.00	40.67 0.10 0.00	38.80 0.20 0.00	42.78 0.20 0.00	59.95 0.63 0.00	34.33 0.40 0.00	40.72 0.45 0.00	35.77 0.34 0.00	32.39 0.11 0.00	31.97 -0.06 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	27.01 0.18 0.00	20.30 0.12 0.00	17.05 0.08 0.00	15.78 0.06 0.00	14.54 0.05 0.00	15.99 0.05 0.00	18.80 0.07 0.00	19.45 0.03 0.00	26.93 0.07 0.00	29.52 0.04 0.00	30.25 0.04 0.00	27.32 -0.05 0.00	27.20 -0.09 0.00	27.13 -0.14 0.00	35.96 -0.22 0.00	40.25 -0.33 0.00	38.29 -0.32 0.00	42.20 -0.38 0.00	58.67 -0.65 0.00	33.53 -0.40 0.00	39.90 -0.37 0.00	35.05 -0.38 0.00	32.00 -0.28 0.00	31.86 -0.17 0.00
HELLGATE_13_KV_LD 55870	28.02 1.19 0.00	21.08 0.89 0.00	17.66 0.69 0.00	16.35 0.62 0.00	15.13 0.64 0.00	16.63 0.68 0.00	19.57 0.85 0.00	20.44 1.01 0.00	28.40 1.42 -0.12	31.84 1.70 -0.66	32.20 1.99 0.00	29.36 1.99 0.00	29.35 2.06 0.00	29.67 2.17 -0.23	39.09 2.84 -0.07	44.04 3.46 0.00	41.92 3.32 0.00	46.19 3.61 0.00	64.20 4.89 0.00	36.51 2.58 0.00	43.28 3.01 0.00	38.02 2.58 0.00	34.67 2.39 0.00	34.10 2.07 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.02 1.19 0.00	21.08 0.89 0.00	17.66 0.69 0.00	16.35 0.62 0.00	15.13 0.64 0.00	16.63 0.68 0.00	19.57 0.85 0.00	20.44 1.01 0.00	28.40 1.42 -0.12	31.84 1.70 -0.66	32.20 1.99 0.00	29.36 1.99 0.00	29.35 2.06 0.00	29.67 2.17 -0.23	39.09 2.84 -0.07	44.04 3.46 0.00	41.92 3.32 0.00	46.19 3.61 0.00	64.20 4.89 0.00	36.51 2.58 0.00	43.28 3.01 0.00	38.02 2.58 0.00	34.67 2.39 0.00	34.10 2.07 0.00
HEMPSTEAD____ 23647	28.26 1.43 0.00	22.07 1.12 -0.77	17.80 0.83 0.00	16.48 0.76 0.00	15.24 0.74 0.00	16.77 0.82 0.00	19.63 0.91 0.00	20.41 0.99 0.00	28.37 1.39 -0.13	31.82 1.68 -0.66	34.15 2.20 -1.74	34.52 2.20 -4.95	36.76 2.26 -7.21	45.59 2.32 -15.99	43.38 3.10 -4.10	55.13 3.82 -10.74	51.96 3.62 -9.73	46.47 3.88 0.00	89.13 5.46 -24.36	37.52 2.88 -0.71	43.61 3.34 0.00	38.52 2.81 -0.28	35.27 2.61 -0.38	34.30 2.27 0.00
HEWLETT__69_KV_BK3 55828	28.59 1.76 0.00	22.28 1.33 -0.77	17.96 0.99 0.00	16.63 0.91 0.00	15.36 0.86 0.00	16.91 0.96 0.00	19.82 1.10 0.00	20.59 1.17 0.00	28.61 1.63 -0.13	32.03 1.89 -0.66	34.42 2.48 -1.74	34.79 2.47 -4.95	37.04 2.54 -7.21	45.90 2.63 -15.99	43.87 3.59 -4.10	55.68 4.37 -10.74	52.46 4.12 -9.73	46.93 4.36 0.00	89.63 5.96 -24.35	37.80 3.16 -0.70	43.90 3.63 0.00	38.79 3.08 -0.27	35.63 2.98 -0.38	34.71 2.69 0.00
HICKLING__1 23621	27.82 1.00 0.00	20.91 0.73 0.00	17.52 0.55 0.00	16.22 0.49 0.00	14.91 0.42 0.00	16.47 0.52 0.00	19.50 0.78 0.00	20.32 0.89 0.00	28.42 1.56 0.00	31.10 1.63 0.00	31.89 1.68 0.00	28.60 1.23 0.00	28.54 1.25 0.00	28.41 1.13 0.00	37.59 1.41 0.00	41.97 1.39 0.00	39.92 1.31 0.00	43.93 1.35 0.00	60.43 1.12 0.00	34.50 0.57 0.00	41.25 0.98 0.00	36.26 0.83 0.00	33.07 0.79 0.00	32.68 0.65 0.00
HICKLING__2 23622	27.82 1.00 0.00	20.91 0.73 0.00	17.52 0.55 0.00	16.22 0.49 0.00	14.91 0.42 0.00	16.47 0.52 0.00	19.50 0.78 0.00	20.32 0.89 0.00	28.42 1.56 0.00	31.10 1.63 0.00	31.89 1.68 0.00	28.60 1.23 0.00	28.54 1.25 0.00	28.41 1.13 0.00	37.59 1.41 0.00	41.97 1.39 0.00	39.92 1.31 0.00	43.93 1.35 0.00	60.43 1.12 0.00	34.50 0.57 0.00	41.25 0.98 0.00	36.26 0.83 0.00	33.07 0.79 0.00	32.68 0.65 0.00
HIGH FALLS__HY 23754	28.03 1.21 0.00	20.98 0.80 0.00	17.60 0.63 0.00	16.28 0.56 0.00	15.06 0.57 0.00	16.55 0.60 0.00	19.52 0.80 0.00	20.38 0.96 0.00	28.31 1.40 -0.06	31.46 1.68 -0.30	32.18 1.97 0.00	29.28 1.91 0.00	29.35 2.06 0.00	29.54 2.17 -0.10	39.06 2.86 -0.03	44.21 3.63 0.00	42.18 3.58 0.00	46.61 4.03 0.00	65.00 5.69 0.00	36.99 3.06 0.00	43.76 3.49 0.00	38.27 2.84 0.00	34.72 2.44 0.00	34.05 2.02 0.00
HILLBURN__GT 23639	27.67 0.85 0.00	20.71 0.53 0.00	17.36 0.39 0.00	16.07 0.35 0.00	14.89 0.40 0.00	16.36 0.42 0.00	19.34 0.62 0.00	20.18 0.76 0.00	28.03 1.07 -0.11	31.41 1.34 -0.59	31.82 1.61 0.00	29.01 1.64 0.00	29.04 1.75 0.00	29.34 1.86 -0.20	38.78 2.54 -0.06	43.69 3.11 0.00	41.62 3.01 0.00	45.89 3.31 0.00	63.93 4.62 0.00	36.32 2.39 0.00	43.01 2.74 0.00	37.68 2.24 0.00	34.29 2.01 0.00	33.68 1.65 0.00
HILLSIDE_115KV_TB1 80332	27.34 0.51 0.00	20.49 0.30 0.00	17.18 0.21 0.00	15.90 0.18 0.00	14.67 0.18 0.00	16.15 0.21 0.00	19.14 0.42 0.00	20.00 0.57 0.00	27.91 1.05 0.00	30.51 1.03 0.00	31.31 1.10 0.00	28.13 0.76 0.00	28.10 0.81 0.00	28.02 0.75 0.00	37.10 0.92 0.00	41.46 0.88 0.00	39.44 0.83 0.00	43.39 0.81 0.00	59.59 0.28 0.00	33.98 0.04 0.00	40.62 0.35 0.00	35.73 0.29 0.00	32.53 0.25 0.00	32.14 0.11 0.00
HISHELDN_WT_PWR 323625	27.95 1.12 0.00	21.07 0.88 0.00	17.62 0.65 0.00	16.23 0.51 0.00	14.82 0.33 0.00	16.36 0.41 0.00	19.38 0.66 0.00	20.00 0.58 0.00	28.23 1.37 0.00	30.85 1.37 0.00	31.29 1.08 0.00	27.79 0.42 0.00	27.66 0.38 0.00	27.37 0.10 0.00	36.15 -0.03 0.00	39.88 -0.69 0.00	38.00 -0.60 0.00	41.67 -0.91 0.00	57.26 -2.06 0.00	32.88 -1.05 0.00	39.51 -0.76 0.00	34.89 -0.54 0.00	32.34 0.07 0.00	32.13 0.10 0.00
HOLTSVILLE_IC_1 23690	28.76 1.94 0.00	22.55 1.60 -0.77	18.17 1.20 0.00	16.83 1.11 0.00	15.56 1.07 0.00	17.12 1.18 0.00	19.91 1.19 0.00	20.58 1.16 0.00	28.63 1.65 -0.13	32.07 1.93 -0.66	34.68 2.72 -1.74	35.79 2.76 -5.66	131.00 2.74 -100.97	189.36 2.79 -159.30	115.86 3.66 -76.02	467.63 4.41 -422.65	324.90 4.15 -282.14	378.02 4.39 -331.06	372.89 6.23 -307.35	152.58 3.38 -115.26	65.81 3.90 -21.64	38.99 3.28 -0.28	35.79 3.13 -0.38	34.80 2.77 0.00
HOLTSVILLE_IC_10 23699	28.96 2.13 0.00	22.72 1.77 -0.77	18.30 1.33 0.00	16.95 1.23 0.00	15.66 1.17 0.00	17.24 1.30 0.00	20.03 1.32 0.00	20.70 1.28 0.00	28.82 1.84 -0.13	32.29 2.15 -0.66	34.94 2.99 -1.74	36.07 3.03 -5.67	128.08 3.02 -97.78	193.46 3.09 -163.09	120.81 4.07 -80.56	469.27 4.87 -423.82	329.27 4.59 -286.07	366.97 4.88 -319.51	368.51 6.88 -302.31	149.73 3.74 -112.06	67.58 4.31 -23.00	39.33 3.62 -0.28	36.09 3.43 -0.38	35.06 3.03 0.00
HOLTSVILLE_IC_2 23691	28.76 1.94 0.00	22.55 1.60 -0.77	18.17 1.20 0.00	16.83 1.11 0.00	15.56 1.07 0.00	17.12 1.18 0.00	19.91 1.19 0.00	20.58 1.16 0.00	28.63 1.65 -0.13	32.07 1.93 -0.66	34.68 2.72 -1.74	35.79 2.76 -5.66	131.00 2.74 -100.97	189.36 2.79 -159.30	115.86 3.66 -76.02	467.63 4.41 -422.65	324.90 4.15 -282.14	378.02 4.39 -331.06	372.89 6.23 -307.35	152.58 3.38 -115.26	65.81 3.90 -21.64	38.99 3.28 -0.28	35.79 3.13 -0.38	34.80 2.77 0.00
HOLTSVILLE_IC_3 23692	28.76 1.94 0.00	22.55 1.60 -0.77	18.17 1.20 0.00	16.83 1.11 0.00	15.56 1.07 0.00	17.12 1.18 0.00	19.91 1.19 0.00	20.58 1.16 0.00	28.63 1.65 -0.13	32.07 1.93 -0.66	34.68 2.72 -1.74	35.79 2.76 -5.66	131.00 2.74 -100.97	189.36 2.79 -159.30	115.86 3.66 -76.02	467.63 4.41 -422.65	324.90 4.15 -282.14	378.02 4.39 -331.06	372.89 6.23 -307.35	152.58 3.38 -115.26	65.81 3.90 -21.64	38.99 3.28 -0.28	35.79 3.13 -0.38	34.80 2.77 0.00

HOLTSVILLE_IC_4 23693	28.76 1.94 0.00	22.55 1.60 -0.77	18.17 1.20 0.00	16.83 1.11 0.00	15.56 1.07 0.00	17.12 1.18 0.00	19.91 1.19 0.00	20.58 1.16 0.00	28.63 1.65 -0.13	32.07 1.93 -0.66	34.68 2.72 -1.74	35.79 2.76 -5.66	131.00 2.74 -100.97	189.36 2.79 -159.30	115.86 3.66 -76.02	467.63 4.41 -422.65	324.90 4.15 -282.14	378.02 4.39 -331.06	372.89 6.23 -307.35	152.58 3.38 -115.26	65.81 3.90 -21.64	38.99 3.28 -0.28	35.79 3.13 -0.38	34.80 2.77 0.00
HOLTSVILLE_IC_5 23694	28.76 1.94 0.00	22.55 1.60 -0.77	18.17 1.20 0.00	16.83 1.11 0.00	15.56 1.07 0.00	17.12 1.18 0.00	19.91 1.19 0.00	20.58 1.16 0.00	28.63 1.65 -0.13	32.07 1.93 -0.66	34.68 2.72 -1.74	35.79 2.76 -5.66	131.00 2.74 -100.97	189.36 2.79 -159.30	115.86 3.66 -76.02	467.63 4.41 -422.65	324.90 4.15 -282.14	378.02 4.39 -331.06	372.89 6.23 -307.35	152.58 3.38 -115.26	65.81 3.90 -21.64	38.99 3.28 -0.28	35.79 3.13 -0.38	34.80 2.77 0.00
HOLTSVILLE_IC_6 23695	28.96 2.13 0.00	22.72 1.77 -0.77	18.30 1.33 0.00	16.95 1.23 0.00	15.66 1.17 0.00	17.24 1.30 0.00	20.03 1.32 0.00	20.70 1.28 0.00	28.82 1.84 -0.13	32.29 2.15 -0.66	34.94 2.99 -1.74	36.07 3.03 -5.67	128.08 3.02 -97.78	193.46 3.09 -163.09	120.81 4.07 -80.56	469.27 4.87 -423.82	329.27 4.59 -286.07	366.97 4.88 -319.51	368.51 6.88 -302.31	149.73 3.74 -112.06	67.58 4.31 -23.00	39.33 3.62 -0.28	36.09 3.43 -0.38	35.06 3.03 0.00
HOLTSVILLE_IC_7 23696	28.96 2.13 0.00	22.72 1.77 -0.77	18.30 1.33 0.00	16.95 1.23 0.00	15.66 1.17 0.00	17.24 1.30 0.00	20.03 1.32 0.00	20.70 1.28 0.00	28.82 1.84 -0.13	32.29 2.15 -0.66	34.94 2.99 -1.74	36.07 3.03 -5.67	128.08 3.02 -97.78	193.46 3.09 -163.09	120.81 4.07 -80.56	469.27 4.87 -423.82	329.27 4.59 -286.07	366.97 4.88 -319.51	368.51 6.88 -302.31	149.73 3.74 -112.06	67.58 4.31 -23.00	39.33 3.62 -0.28	36.09 3.43 -0.38	35.06 3.03 0.00
HOLTSVILLE_IC_8 23697	28.96 2.13 0.00	22.72 1.77 -0.77	18.30 1.33 0.00	16.95 1.23 0.00	15.66 1.17 0.00	17.24 1.30 0.00	20.03 1.32 0.00	20.70 1.28 0.00	28.82 1.84 -0.13	32.29 2.15 -0.66	34.94 2.99 -1.74	36.07 3.03 -5.67	128.08 3.02 -97.78	193.46 3.09 -163.09	120.81 4.07 -80.56	469.27 4.87 -423.82	329.27 4.59 -286.07	366.97 4.88 -319.51	368.51 6.88 -302.31	149.73 3.74 -112.06	67.58 4.31 -23.00	39.33 3.62 -0.28	36.09 3.43 -0.38	35.06 3.03 0.00
HOLTSVILLE_IC_9 23698	28.96 2.13 0.00	22.72 1.77 -0.77	18.30 1.33 0.00	16.95 1.23 0.00	15.66 1.17 0.00	17.24 1.30 0.00	20.03 1.32 0.00	20.70 1.28 0.00	28.82 1.84 -0.13	32.29 2.15 -0.66	34.94 2.99 -1.74	36.07 3.03 -5.67	128.08 3.02 -97.78	193.46 3.09 -163.09	120.81 4.07 -80.56	469.27 4.87 -423.82	329.27 4.59 -286.07	366.97 4.88 -319.51	368.51 6.88 -302.31	149.73 3.74 -112.06	67.58 4.31 -23.00	39.33 3.62 -0.28	36.09 3.43 -0.38	35.06 3.03 0.00
HOMER_HL_115KV_TB2 355744	28.25 1.43 0.00	21.20 1.01 0.00	17.72 0.75 0.00	16.35 0.62 0.00	15.02 0.52 0.00	16.56 0.61 0.00	19.68 0.96 0.00	20.45 1.03 0.00	28.88 2.02 0.00	31.67 2.20 0.00	32.16 1.95 0.00	28.47 1.10 0.00	28.53 1.24 0.00	28.29 1.02 0.00	37.30 1.12 0.00	41.41 0.83 0.00	39.53 0.92 0.00	43.37 0.79 0.00	59.37 0.06 0.00	33.82 -0.11 0.00	40.48 0.21 0.00	35.80 0.37 0.00	33.03 0.75 0.00	32.54 0.52 0.00
HOWARD_WT_PWR 323690	28.10 1.27 0.00	20.90 0.71 0.00	17.54 0.57 0.00	16.21 0.49 0.00	14.76 0.27 0.00	16.39 0.44 0.00	19.55 0.83 0.00	20.36 0.93 0.00	28.71 1.85 0.00	31.31 1.84 0.00	31.89 1.68 0.00	28.38 1.01 0.00	28.05 0.76 0.00	27.83 0.55 0.00	36.87 0.69 0.00	41.05 0.47 0.00	39.03 0.42 0.00	42.90 0.32 0.00	59.35 0.03 0.00	34.06 0.13 0.00	40.73 0.46 0.00	36.06 0.63 0.00	33.12 0.84 0.00	32.88 0.86 0.00
HQ_GEN_CEDARS 23644	23.37 -3.46 0.00	17.85 -2.34 0.00	15.03 -1.95 0.00	14.01 -1.72 0.00	12.81 -1.68 0.00	14.44 -1.51 0.00	17.17 -1.55 0.00	17.89 -1.54 0.00	25.05 -1.81 0.00	26.69 -2.79 0.00	26.95 -3.26 0.00	24.61 -2.76 0.00	24.47 -2.81 0.00	24.24 -3.03 0.00	32.22 -3.96 0.00	39.73 -0.84 0.00	38.30 -0.31 0.00	42.25 -0.33 0.00	58.83 -0.48 0.00	33.72 -0.21 0.00	39.89 -0.38 0.00	35.19 -0.25 0.00	31.86 -0.41 0.00	31.57 -0.45 0.00
HQ_GEN_CEDARS_PROXY 323590	23.37 -3.46 0.00	17.85 -2.34 0.00	15.03 -1.95 0.00	14.01 -1.72 0.00	12.81 -1.68 0.00	14.44 -1.51 0.00	17.17 -1.55 0.00	17.89 -1.54 0.00	25.05 -1.81 0.00	26.69 -2.79 0.00	26.95 -3.26 0.00	24.61 -2.76 0.00	24.47 -2.81 0.00	24.24 -3.03 0.00	32.22 -3.96 0.00	39.73 -0.85 0.00	38.30 -0.31 0.00	42.25 -0.33 0.00	58.90 -0.48 -0.07	33.72 -0.21 0.00	39.89 -0.38 0.00	35.19 -0.25 0.00	32.23 -0.41 -0.36	31.57 -0.45 0.00
HQ_GEN_IMPORT 323601	23.26 -3.57 0.00	17.77 -2.41 0.00	14.96 -2.01 0.00	13.94 -1.79 0.00	12.74 -1.75 0.00	14.36 -1.59 0.00	17.05 -1.67 0.00	17.76 -1.66 0.00	24.87 -1.99 0.00	26.49 -2.99 0.00	26.80 -3.41 0.00	24.49 -2.88 0.00	24.37 -2.92 0.00	24.14 -3.13 0.00	32.10 -4.08 0.00	39.82 -0.76 0.00	38.38 -0.23 0.00	42.32 -0.25 0.00	58.95 -0.37 0.00	33.73 -0.20 0.00	39.94 -0.33 0.00	35.31 -0.21 -0.08	31.21 -0.27 0.80	30.57 -0.29 1.18
HQ_GEN_WHEEL 23651	23.26 -3.57 0.00	17.77 -2.41 0.00	14.96 -2.01 0.00	13.94 -1.79 0.00	12.74 -1.75 0.00	14.36 -1.59 0.00	17.05 -1.67 0.00	17.76 -1.66 0.00	24.87 -1.99 0.00	26.49 -2.99 0.00	26.80 -3.41 0.00	24.49 -2.88 0.00	24.37 -2.92 0.00	24.14 -3.13 0.00	32.10 -4.08 0.00	39.82 -0.76 0.00	38.38 -0.23 0.00	42.32 -0.25 0.00	58.95 -0.37 0.00	33.73 -0.20 0.00	39.94 -0.33 0.00	35.31 -0.21 -0.08	31.21 -0.27 0.80	30.57 -0.29 1.18
HUDSON_AVE_GT_3 23810	27.96 1.14 0.00	21.03 0.85 0.00	17.62 0.65 0.00	16.31 0.59 0.00	15.09 0.60 0.00	16.60 0.66 0.00	19.54 0.82 0.00	20.40 0.97 0.00	28.36 1.37 -0.12	31.81 1.67 -0.66	32.20 1.98 0.00	29.36 1.99 0.00	29.36 2.08 0.00	29.70 2.19 -0.23	39.20 2.95 -0.07	44.18 3.60 0.00	42.02 3.41 0.00	46.33 3.75 0.00	64.45 5.14 0.00	36.60 2.67 0.00	43.40 3.13 0.00	38.05 2.61 0.00	34.65 2.37 0.00	34.05 2.03 0.00
HUDSON_AVE_GT_4 23540	27.96 1.14 0.00	21.03 0.85 0.00	17.62 0.65 0.00	16.31 0.59 0.00	15.09 0.60 0.00	16.60 0.66 0.00	19.54 0.82 0.00	20.40 0.97 0.00	28.36 1.37 -0.12	31.81 1.67 -0.66	32.20 1.98 0.00	29.36 1.99 0.00	29.36 2.08 0.00	29.70 2.19 -0.23	39.20 2.95 -0.07	44.18 3.60 0.00	42.02 3.41 0.00	46.33 3.75 0.00	64.45 5.14 0.00	36.60 2.67 0.00	43.40 3.13 0.00	38.05 2.61 0.00	34.65 2.37 0.00	34.05 2.03 0.00
HUDSON_AVE_GT_5 23657	27.96 1.14 0.00	21.03 0.85 0.00	17.62 0.65 0.00	16.31 0.59 0.00	15.09 0.60 0.00	16.60 0.66 0.00	19.54 0.82 0.00	20.40 0.97 0.00	28.36 1.37 -0.12	31.81 1.67 -0.66	32.20 1.98 0.00	29.36 1.99 0.00	29.36 2.08 0.00	29.70 2.19 -0.23	39.20 2.95 -0.07	44.18 3.60 0.00	42.02 3.41 0.00	46.33 3.75 0.00	64.45 5.14 0.00	36.60 2.67 0.00	43.40 3.13 0.00	38.05 2.61 0.00	34.65 2.37 0.00	34.05 2.03 0.00

HUDSON_AVE_10 24168	27.87 1.05 0.00	20.96 0.78 0.00	17.56 0.60 0.00	16.26 0.54 0.00	15.04 0.55 0.00	16.55 0.60 0.00	19.48 0.76 0.00	20.35 0.93 0.00	28.28 1.30 -0.12	31.72 1.58 -0.66	32.09 1.88 0.00	29.27 1.90 0.00	29.28 1.99 0.00	29.62 2.12 -0.23	39.11 2.86 -0.07	44.07 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.27 4.95 0.00	36.49 2.56 0.00	43.28 3.01 0.00	37.94 2.51 0.00	34.58 2.30 0.00	33.98 1.95 0.00
HUDSON___115KV_TB 4 355613	27.47 0.65 0.00	20.67 0.49 0.00	17.39 0.42 0.00	16.13 0.41 0.00	14.89 0.39 0.00	16.39 0.44 0.00	19.23 0.51 0.00	20.07 0.65 0.00	27.58 0.80 0.08	29.83 0.79 0.44	30.86 0.65 0.00	27.92 0.55 0.00	27.87 0.58 0.00	27.74 0.62 0.15	37.24 1.10 0.05	41.77 1.20 0.00	39.68 1.08 0.00	43.89 1.31 0.00	61.56 2.24 0.00	35.33 1.40 0.00	42.15 1.89 0.00	36.88 1.44 0.00	33.58 1.30 0.00	33.24 1.21 0.00
HUNTER MOUNT___DRP 323613	27.61 0.79 0.00	20.79 0.61 0.00	17.49 0.51 0.00	16.23 0.51 0.00	14.97 0.47 0.00	16.50 0.55 0.00	19.34 0.63 0.00	20.20 0.78 0.00	27.78 0.97 0.05	30.12 0.92 0.28	30.89 0.68 0.00	27.95 0.58 0.00	27.89 0.61 0.00	27.83 0.65 0.10	37.38 1.23 0.03	41.76 1.18 0.00	39.67 1.06 0.00	43.93 1.34 0.00	61.72 2.41 0.00	35.47 1.54 0.00	42.37 2.10 0.00	37.08 1.65 0.00	33.77 1.49 0.00	33.46 1.43 0.00
HUNTINGTON_RES_REC 323705	28.56 1.74 0.00	22.41 1.46 -0.77	18.05 1.08 0.00	16.72 0.99 0.00	15.45 0.95 0.00	17.00 1.06 0.00	19.78 1.06 0.00	20.49 1.06 0.00	28.49 1.51 -0.13	31.93 1.79 -0.66	34.53 2.58 -1.74	36.50 2.67 -6.46	187.55 2.63 -157.63	362.47 2.78 -332.41	229.07 3.65 -189.23	868.32 4.51 -823.23	621.41 4.26 -578.54	575.49 4.48 -528.43	589.92 6.39 -524.22	228.86 3.44 -191.49	99.80 3.85 -55.67	38.92 3.19 -0.29	35.71 3.05 -0.38	34.71 2.69 0.00
HUNTLEY___63 23557	28.30 1.47 0.00	21.30 1.12 0.00	17.83 0.86 0.00	16.40 0.68 0.00	14.95 0.46 0.00	16.43 0.48 0.00	19.46 0.74 0.00	19.99 0.56 0.00	28.28 1.42 0.00	30.93 1.46 0.00	31.28 1.06 0.00	27.70 0.33 0.00	27.51 0.22 0.00	27.16 -0.11 0.00	35.80 -0.38 0.00	39.39 -1.19 0.00	37.58 -1.03 0.00	41.20 -1.38 0.00	56.48 -2.83 0.00	32.44 -1.49 0.00	39.28 -0.99 0.00	34.62 -0.81 0.00	32.31 0.03 0.00	32.11 0.08 0.00
HUNTLEY___64 23558	28.30 1.47 0.00	21.30 1.12 0.00	17.83 0.86 0.00	16.40 0.68 0.00	14.95 0.46 0.00	16.43 0.48 0.00	19.46 0.74 0.00	19.99 0.56 0.00	28.28 1.42 0.00	30.93 1.46 0.00	31.28 1.06 0.00	27.70 0.33 0.00	27.51 0.22 0.00	27.16 -0.11 0.00	35.80 -0.38 0.00	39.39 -1.19 0.00	37.58 -1.03 0.00	41.20 -1.38 0.00	56.48 -2.83 0.00	32.44 -1.49 0.00	39.28 -0.99 0.00	34.62 -0.81 0.00	32.31 0.03 0.00	32.11 0.08 0.00
HUNTLEY___65 23559	28.30 1.47 0.00	21.30 1.12 0.00	17.83 0.86 0.00	16.40 0.68 0.00	14.95 0.46 0.00	16.43 0.48 0.00	19.46 0.74 0.00	19.99 0.56 0.00	28.28 1.42 0.00	30.93 1.46 0.00	31.28 1.06 0.00	27.70 0.33 0.00	27.51 0.22 0.00	27.16 -0.11 0.00	35.80 -0.38 0.00	39.39 -1.19 0.00	37.58 -1.03 0.00	41.20 -1.38 0.00	56.48 -2.83 0.00	32.44 -1.49 0.00	39.28 -0.99 0.00	34.62 -0.81 0.00	32.31 0.03 0.00	32.11 0.08 0.00
HUNTLEY___66 23560	28.30 1.47 0.00	21.30 1.12 0.00	17.83 0.86 0.00	16.40 0.68 0.00	14.95 0.46 0.00	16.43 0.48 0.00	19.46 0.74 0.00	19.99 0.56 0.00	28.28 1.42 0.00	30.93 1.46 0.00	31.28 1.06 0.00	27.70 0.33 0.00	27.51 0.22 0.00	27.16 -0.11 0.00	35.80 -0.38 0.00	39.39 -1.19 0.00	37.58 -1.03 0.00	41.20 -1.38 0.00	56.48 -2.83 0.00	32.44 -1.49 0.00	39.28 -0.99 0.00	34.62 -0.81 0.00	32.31 0.03 0.00	32.11 0.08 0.00
HUNTLEY___67 23561	27.92 1.09 0.00	21.05 0.87 0.00	17.62 0.65 0.00	16.22 0.50 0.00	14.79 0.30 0.00	16.26 0.31 0.00	19.23 0.50 0.00	19.76 0.34 0.00	27.93 1.07 0.00	30.55 1.08 0.00	30.89 0.68 0.00	27.39 0.02 0.00	27.27 -0.02 0.00	26.92 -0.35 0.00	35.51 -0.67 0.00	39.09 -1.49 0.00	37.29 -1.32 0.00	40.86 -1.72 0.00	56.07 -3.24 0.00	32.20 -1.73 0.00	38.78 -1.49 0.00	34.24 -1.19 0.00	31.94 -0.34 0.00	31.77 -0.26 0.00
HUNTLEY___68 23562	27.92 1.09 0.00	21.05 0.87 0.00	17.62 0.65 0.00	16.22 0.50 0.00	14.79 0.30 0.00	16.26 0.31 0.00	19.23 0.50 0.00	19.76 0.34 0.00	27.93 1.07 0.00	30.55 1.08 0.00	30.89 0.68 0.00	27.39 0.02 0.00	27.27 -0.02 0.00	26.92 -0.35 0.00	35.51 -0.67 0.00	39.09 -1.49 0.00	37.29 -1.32 0.00	40.86 -1.72 0.00	56.07 -3.24 0.00	32.20 -1.73 0.00	38.78 -1.49 0.00	34.24 -1.19 0.00	31.94 -0.34 0.00	31.77 -0.26 0.00
HYLAND___LFGE 323620	29.20 2.38 0.00	22.00 1.81 0.00	18.41 1.44 0.00	16.99 1.27 0.00	15.51 1.02 0.00	17.19 1.24 0.00	20.32 1.60 0.00	21.04 1.62 0.00	29.29 2.43 0.00	31.39 1.91 0.00	31.65 1.43 0.00	27.90 0.53 0.00	27.39 0.10 0.00	27.14 -0.13 0.00	35.72 -0.46 0.00	39.72 -0.85 0.00	37.88 -0.73 0.00	41.79 -0.78 0.00	58.58 -0.74 0.00	34.22 0.28 0.00	41.30 1.03 0.00	37.16 1.72 0.00	34.35 2.07 0.00	33.94 1.91 0.00
INDECK___CORINTH 23802	27.91 1.09 0.00	20.77 0.59 0.00	17.29 0.32 0.00	16.03 0.31 0.00	14.80 0.31 0.00	16.30 0.35 0.00	19.13 0.41 0.00	19.85 0.42 0.00	27.22 0.49 0.13	29.42 0.63 0.69	30.68 0.47 0.00	27.92 0.55 0.00	27.90 0.62 0.00	27.61 0.58 0.24	37.17 1.06 0.07	41.97 1.40 0.00	39.89 1.28 0.00	43.99 1.41 0.00	61.63 2.31 0.00	35.46 1.53 0.00	42.21 1.94 0.00	36.87 1.43 0.00	33.46 1.18 0.00	33.00 0.97 0.00
INDECK___ILION 23567	26.65 -0.17 0.00	19.99 -0.19 0.00	16.80 -0.17 0.00	15.56 -0.16 0.00	14.38 -0.11 0.00	15.82 -0.13 0.00	18.61 -0.11 0.00	19.36 -0.07 0.00	26.73 -0.12 0.00	29.30 -0.18 0.00	30.08 -0.14 0.00	27.24 -0.13 0.00	27.24 -0.04 0.00	27.29 0.02 0.00	36.21 0.03 0.00	40.88 0.30 0.00	38.92 0.32 0.00	43.03 0.45 0.00	60.05 0.74 0.00	34.37 0.44 0.00	40.85 0.58 0.00	35.79 0.36 0.00	32.52 0.24 0.00	32.12 0.09 0.00
INDECK___OLEAN 23982	28.25 1.43 0.00	21.21 1.02 0.00	17.72 0.75 0.00	16.35 0.62 0.00	15.00 0.51 0.00	16.56 0.61 0.00	19.68 0.96 0.00	20.45 1.03 0.00	28.87 2.02 0.00	31.67 2.19 0.00	32.15 1.94 0.00	28.47 1.10 0.00	28.53 1.24 0.00	28.29 1.02 0.00	37.30 1.12 0.00	41.41 0.83 0.00	39.53 0.92 0.00	43.37 0.79 0.00	59.35 0.03 0.00	33.82 -0.11 0.00	40.48 0.21 0.00	35.80 0.37 0.00	33.00 0.73 0.00	32.54 0.51 0.00
INDECK___OSWEGO 23783	26.61 -0.22 0.00	20.01 -0.18 0.00	16.82 -0.15 0.00	15.58 -0.14 0.00	14.36 -0.14 0.00	15.80 -0.15 0.00	18.54 -0.18 0.00	19.17 -0.26 0.00	26.52 -0.34 0.00	29.05 -0.42 0.00	29.61 -0.60 0.00	26.67 -0.69 0.00	26.50 -0.78 0.00	26.43 -0.84 0.00	35.02 -1.16 0.00	39.23 -1.34 0.00	37.32 -1.28 0.00	41.15 -1.43 0.00	57.34 -1.98 0.00	32.82 -1.12 0.00	39.04 -1.23 0.00	34.34 -1.09 0.00	31.54 -0.73 0.00	31.51 -0.51 0.00



INDECK___YERKES 23781	28.32 1.50 0.00	21.34 1.16 0.00	17.85 0.88 0.00	16.42 0.70 0.00	14.95 0.46 0.00	16.46 0.51 0.00	19.48 0.76 0.00	20.02 0.59 0.00	28.33 1.47 0.00	30.97 1.50 0.00	31.32 1.10 0.00	27.73 0.36 0.00	27.53 0.24 0.00	27.17 -0.10 0.00	35.82 -0.36 0.00	39.41 -1.17 0.00	37.59 -1.02 0.00	41.21 -1.37 0.00	56.48 -2.83 0.00	32.44 -1.49 0.00	39.34 -0.93 0.00	34.67 -0.76 0.00	32.32 0.04 0.00	32.15 0.13 0.00
INDIAN POINT_GT_1 24139	27.71 0.89 0.00	20.84 0.66 0.00	17.48 0.50 0.00	16.18 0.46 0.00	14.96 0.46 0.00	16.47 0.52 0.00	19.35 0.63 0.00	20.18 0.76 0.00	28.03 1.05 -0.12	31.43 1.31 -0.65	31.78 1.57 0.00	28.96 1.59 0.00	28.98 1.69 0.00	29.30 1.80 -0.22	38.69 2.44 -0.07	43.60 3.02 0.00	41.50 2.89 0.00	45.76 3.19 0.00	63.77 4.45 0.00	36.25 2.32 0.00	42.97 2.70 0.00	37.66 2.22 0.00	34.28 2.00 0.00	33.70 1.68 0.00
INDIAN POINT_GT_2 23659	27.71 0.89 0.00	20.84 0.66 0.00	17.48 0.50 0.00	16.18 0.46 0.00	14.96 0.46 0.00	16.47 0.52 0.00	19.35 0.63 0.00	20.18 0.76 0.00	28.03 1.05 -0.12	31.43 1.31 -0.65	31.78 1.57 0.00	28.96 1.59 0.00	28.98 1.69 0.00	29.30 1.80 -0.22	38.69 2.44 -0.07	43.60 3.02 0.00	41.50 2.89 0.00	45.76 3.19 0.00	63.77 4.45 0.00	36.25 2.32 0.00	42.97 2.70 0.00	37.66 2.22 0.00	34.28 2.00 0.00	33.70 1.68 0.00
INDIAN POINT_GT_3 24019	27.71 0.89 0.00	20.84 0.66 0.00	17.48 0.50 0.00	16.18 0.46 0.00	14.96 0.46 0.00	16.47 0.52 0.00	19.35 0.63 0.00	20.18 0.76 0.00	28.03 1.05 -0.12	31.43 1.31 -0.65	31.78 1.57 0.00	28.96 1.59 0.00	28.98 1.69 0.00	29.30 1.80 -0.22	38.69 2.44 -0.07	43.60 3.02 0.00	41.50 2.89 0.00	45.76 3.19 0.00	63.77 4.45 0.00	36.25 2.32 0.00	42.97 2.70 0.00	37.66 2.22 0.00	34.28 2.00 0.00	33.70 1.68 0.00
INDIAN POINT___2 23530	27.68 0.85 0.00	20.81 0.63 0.00	17.44 0.47 0.00	16.15 0.43 0.00	14.94 0.45 0.00	16.44 0.49 0.00	19.33 0.61 0.00	20.16 0.73 0.00	27.99 1.01 -0.12	31.37 1.27 -0.63	31.75 1.54 0.00	28.93 1.57 0.00	28.95 1.66 0.00	29.26 1.77 -0.22	38.64 2.40 -0.07	43.53 2.95 0.00	41.44 2.83 0.00	45.70 3.12 0.00	63.66 4.35 0.00	36.19 2.26 0.00	42.89 2.62 0.00	37.59 2.16 0.00	34.22 1.94 0.00	33.64 1.61 0.00
INDIAN POINT___3 23531	27.68 0.85 0.00	20.81 0.63 0.00	17.45 0.48 0.00	16.16 0.44 0.00	14.94 0.45 0.00	16.44 0.49 0.00	19.33 0.61 0.00	20.15 0.73 0.00	27.99 1.01 -0.12	31.38 1.25 -0.65	31.73 1.51 0.00	28.92 1.55 0.00	28.92 1.63 0.00	29.25 1.75 -0.22	38.61 2.37 -0.07	43.49 2.92 0.00	41.42 2.81 0.00	45.66 3.08 0.00	63.63 4.31 0.00	36.18 2.24 0.00	42.88 2.62 0.00	37.58 2.15 0.00	34.21 1.94 0.00	33.64 1.62 0.00
INGHAM_C_115KV_TB7 356103	26.46 -0.37 0.00	19.71 -0.47 0.00	16.55 -0.42 0.00	15.32 -0.41 0.00	14.22 -0.27 0.00	15.62 -0.33 0.00	18.44 -0.28 0.00	19.27 -0.16 0.00	26.53 -0.33 0.00	29.07 -0.41 0.00	29.92 -0.29 0.00	27.07 -0.30 0.00	27.17 -0.12 0.00	27.32 0.05 0.00	36.29 0.11 0.00	40.98 0.41 0.00	39.03 0.42 0.00	43.25 0.67 0.00	60.48 1.17 0.00	34.68 0.75 0.00	41.28 1.01 0.00	36.00 0.56 0.00	32.62 0.35 0.00	32.02 0.00 0.00
IP CORINTH___1 23988	27.93 1.11 0.00	20.83 0.64 0.00	17.37 0.40 0.00	16.12 0.39 0.00	14.86 0.37 0.00	16.39 0.44 0.00	19.25 0.52 0.00	19.96 0.53 0.00	27.38 0.65 0.13	29.59 0.80 0.69	30.86 0.64 0.00	28.08 0.71 0.00	28.06 0.78 0.00	27.77 0.73 0.24	37.39 1.27 0.07	42.21 1.64 0.00	40.12 1.51 0.00	44.25 1.67 0.00	61.97 2.65 0.00	35.66 1.73 0.00	42.44 2.17 0.00	37.07 1.64 0.00	33.64 1.36 0.00	33.18 1.15 0.00
IP___TICONDEROGA 23804	29.07 2.25 0.00	21.47 1.29 0.00	18.08 1.11 0.00	16.92 1.20 0.00	15.60 1.11 0.00	17.25 1.30 0.00	20.44 1.72 0.00	20.98 1.56 0.00	28.72 2.00 0.13	31.15 2.38 0.70	32.59 2.37 0.00	29.62 2.25 0.00	29.73 2.44 0.00	29.37 2.34 0.24	39.82 3.71 0.07	45.37 4.80 0.00	43.15 4.54 0.00	47.46 4.88 0.00	65.88 6.56 0.00	37.64 3.71 0.00	45.01 4.74 0.00	39.15 3.72 0.00	35.45 3.18 0.00	34.94 2.91 0.00
ISLIP_RES_REC 323679	29.12 2.29 0.00	22.84 1.89 -0.77	18.40 1.43 0.00	17.04 1.32 0.00	15.74 1.25 0.00	17.34 1.39 0.00	20.14 1.42 0.00	20.82 1.40 0.00	29.01 2.03 -0.13	32.52 2.38 -0.66	35.20 3.25 -1.74	36.26 3.28 -5.61	120.62 3.29 -90.05	180.81 3.37 -150.18	114.39 4.47 -73.74	433.84 5.33 -387.93	305.58 5.03 -261.93	340.21 5.37 -292.26	345.24 7.53 -278.40	140.54 4.08 -102.53	65.93 4.71 -20.95	39.65 3.93 -0.28	36.34 3.68 -0.38	35.30 3.28 0.00
JAMAICA___27_KV_LOAD 355505	28.02 1.20 0.00	21.08 0.89 0.00	17.67 0.70 0.00	16.35 0.63 0.00	15.11 0.62 0.00	16.63 0.68 0.00	19.59 0.87 0.00	20.49 1.06 0.00	28.47 1.48 -0.12	31.91 1.77 -0.66	32.23 2.01 0.00	29.41 2.04 0.00	29.43 2.14 0.00	29.80 2.30 -0.23	39.37 3.12 -0.07	44.36 3.78 0.00	42.22 3.61 0.00	46.54 3.96 0.00	64.65 5.33 0.00	36.73 2.80 0.00	43.57 3.30 0.00	38.21 2.77 0.00	34.89 2.62 0.00	34.27 2.25 0.00
JANIS___SOLAR 323808	28.32 1.50 0.00	21.26 1.07 0.00	17.82 0.85 0.00	16.50 0.77 0.00	15.21 0.72 0.00	16.77 0.82 0.00	19.89 1.17 0.00	20.71 1.29 0.00	28.72 1.87 0.00	31.33 1.86 0.00	32.22 2.01 0.00	29.00 1.64 0.00	28.80 1.51 0.00	28.53 1.26 0.00	37.66 1.48 0.00	42.23 1.65 0.00	40.35 1.74 0.00	44.73 2.15 0.00	62.32 3.00 0.00	35.76 1.83 0.00	42.63 2.36 0.00	37.37 1.93 0.00	33.91 1.63 0.00	33.51 1.48 0.00
JARVIS____ 23743	26.67 -0.16 0.00	20.08 -0.10 0.00	16.89 -0.08 0.00	15.66 -0.06 0.00	14.43 -0.06 0.00	15.88 -0.06 0.00	18.64 -0.08 0.00	19.34 -0.09 0.00	26.74 -0.11 0.00	29.33 -0.15 0.00	30.06 -0.16 0.00	27.24 -0.13 0.00	27.17 -0.11 0.00	27.15 -0.12 0.00	36.03 -0.15 0.00	40.65 0.07 0.00	38.69 0.08 0.00	42.68 0.10 0.00	59.49 0.18 0.00	34.02 0.09 0.00	40.40 0.13 0.00	35.50 0.07 0.00	32.34 0.06 0.00	32.06 0.03 0.00
JENNISON___1 23625	28.33 1.50 0.00	21.24 1.05 0.00	17.81 0.84 0.00	16.49 0.77 0.00	15.23 0.74 0.00	16.79 0.84 0.00	19.89 1.17 0.00	20.75 1.33 0.00	28.85 1.99 0.00	31.52 2.04 0.00	32.37 2.16 0.00	29.23 1.86 0.00	29.16 1.88 0.00	29.03 1.75 0.00	38.34 2.17 0.00	42.89 2.31 0.00	41.02 2.41 0.00	45.30 2.72 0.00	62.96 3.65 0.00	36.04 2.11 0.00	42.89 2.63 0.00	37.61 2.18 0.00	34.15 1.87 0.00	33.67 1.65 0.00
JENNISON___2 23626	28.33 1.50 0.00	21.24 1.05 0.00	17.81 0.84 0.00	16.49 0.77 0.00	15.23 0.74 0.00	16.79 0.84 0.00	19.89 1.17 0.00	20.75 1.33 0.00	28.85 1.99 0.00	31.52 2.04 0.00	32.37 2.16 0.00	29.23 1.86 0.00	29.16 1.88 0.00	29.03 1.75 0.00	38.34 2.17 0.00	42.89 2.31 0.00	41.02 2.41 0.00	45.30 2.72 0.00	62.96 3.65 0.00	36.04 2.11 0.00	42.89 2.63 0.00	37.61 2.18 0.00	34.15 1.87 0.00	33.67 1.65 0.00

JERICO_RISE_WT_PWR 323719	23.06 -3.76 0.00	17.74 -2.44 0.00	14.96 -2.01 0.00	14.07 -1.65 0.00	12.86 -1.64 0.00	14.54 -1.41 0.00	17.29 -1.44 0.00	18.06 -1.37 0.00	25.47 -1.39 0.00	27.36 -2.11 0.00	27.68 -2.53 0.00	25.31 -2.06 0.00	25.10 -2.19 0.00	24.82 -2.45 0.00	33.02 -3.16 0.00	40.63 0.06 0.00	39.40 0.79 0.00	43.50 0.92 0.00	60.46 1.14 0.00	34.75 0.82 0.00	41.04 0.76 0.00	36.05 0.62 0.00	32.71 0.43 0.00	32.45 0.42 0.00
KATONAH__115KV_46KV_TB4 355592	27.92 1.10 0.00	21.00 0.82 0.00	17.61 0.64 0.00	16.31 0.59 0.00	15.06 0.57 0.00	16.59 0.64 0.00	19.49 0.77 0.00	20.33 0.91 0.00	28.25 1.26 -0.13	31.68 1.54 -0.66	32.05 1.83 0.00	29.20 1.83 0.00	29.23 1.94 0.00	29.57 2.07 -0.23	39.07 2.83 -0.07	44.04 3.47 0.00	41.94 3.33 0.00	46.21 3.63 0.00	64.38 5.06 0.00	36.61 2.68 0.00	43.40 3.13 0.00	37.99 2.56 0.00	34.58 2.30 0.00	33.97 1.94 0.00
KCE_NY_1 323755	27.91 1.08 0.00	20.93 0.74 0.00	17.59 0.62 0.00	16.32 0.60 0.00	15.03 0.54 0.00	16.58 0.63 0.00	19.44 0.73 0.00	20.29 0.87 0.00	27.74 1.02 0.14	29.92 1.17 0.72	31.36 1.14 0.00	28.46 1.09 0.00	28.46 1.17 0.00	28.22 1.19 0.25	37.97 1.86 0.07	42.83 2.25 0.00	40.72 2.11 0.00	44.89 2.31 0.00	62.72 3.41 0.00	36.02 2.09 0.00	42.87 2.60 0.00	37.45 2.01 0.00	34.04 1.77 0.00	33.60 1.58 0.00
KCE_NY_6_ESR 323823	28.26 1.44 0.00	21.31 1.12 0.00	17.83 0.86 0.00	16.41 0.69 0.00	14.96 0.47 0.00	16.48 0.53 0.00	19.52 0.80 0.00	20.11 0.68 0.00	28.42 1.57 0.00	31.12 1.64 0.00	31.49 1.28 0.00	27.94 0.57 0.00	27.83 0.55 0.00	27.52 0.25 0.00	36.28 0.10 0.00	39.94 -0.63 0.00	38.11 -0.50 0.00	41.78 -0.80 0.00	57.25 -2.06 0.00	32.85 -1.09 0.00	39.52 -0.75 0.00	34.88 -0.55 0.00	32.44 0.16 0.00	32.23 0.20 0.00
KEDC_PORT_JEFF_GT2 24210	28.84 2.01 0.00	22.61 1.66 -0.77	18.21 1.24 0.00	16.86 1.14 0.00	15.58 1.09 0.00	17.15 1.20 0.00	19.94 1.22 0.00	20.55 1.13 0.00	28.60 1.62 -0.13	32.04 1.90 -0.66	34.71 2.76 -1.74	35.95 2.83 -5.75	135.40 2.79 -105.32	209.50 2.81 -179.41	130.03 3.64 -90.20	510.27 4.34 -465.36	357.91 4.02 -315.28	392.84 4.25 -346.00	392.94 6.00 -327.62	158.84 3.24 -121.67	69.91 3.75 -25.90	38.89 3.17 -0.28	35.79 3.13 -0.38	34.87 2.84 0.00
KEDC_PORT_JEFF_GT3 24211	28.84 2.01 0.00	22.61 1.66 -0.77	18.21 1.24 0.00	16.86 1.14 0.00	15.58 1.09 0.00	17.15 1.20 0.00	19.94 1.22 0.00	20.55 1.13 0.00	28.60 1.62 -0.13	32.04 1.90 -0.66	34.71 2.76 -1.74	35.95 2.83 -5.75	135.40 2.79 -105.32	209.50 2.81 -179.41	130.03 3.64 -90.20	510.27 4.34 -465.36	357.91 4.02 -315.28	392.84 4.25 -346.00	392.94 6.00 -327.62	158.84 3.24 -121.67	69.91 3.75 -25.90	38.89 3.17 -0.28	35.79 3.13 -0.38	34.87 2.84 0.00
KEDC_GLWD_GT4 24219	28.24 1.41 0.00	22.03 1.08 -0.77	17.78 0.81 0.00	16.47 0.74 0.00	15.22 0.73 0.00	16.75 0.81 0.00	19.66 0.93 0.00	20.46 1.04 0.00	28.45 1.47 -0.13	31.93 1.79 -0.66	34.11 2.16 -1.74	34.44 2.12 -4.95	36.75 2.26 -7.21	45.53 2.27 -15.99	43.33 3.05 -4.10	55.09 3.77 -10.74	51.92 3.59 -9.73	46.44 3.86 0.00	89.06 5.39 -24.36	37.46 2.83 -0.71	43.52 3.25 0.00	38.52 2.81 -0.28	35.23 2.57 -0.38	34.35 2.33 0.00
KEDC_GLWD_GT5 24220	28.24 1.41 0.00	22.03 1.08 -0.77	17.78 0.81 0.00	16.47 0.74 0.00	15.22 0.73 0.00	16.75 0.81 0.00	19.66 0.93 0.00	20.46 1.04 0.00	28.45 1.47 -0.13	31.93 1.79 -0.66	34.11 2.16 -1.74	34.44 2.12 -4.95	36.75 2.26 -7.21	45.53 2.27 -15.99	43.33 3.05 -4.10	55.09 3.77 -10.74	51.92 3.59 -9.73	46.44 3.86 0.00	89.06 5.39 -24.36	37.46 2.83 -0.71	43.52 3.25 0.00	38.52 2.81 -0.28	35.23 2.57 -0.38	34.35 2.33 0.00
KENSICO____ 23655	27.81 0.99 0.00	20.91 0.73 0.00	17.53 0.57 0.00	16.24 0.51 0.00	15.01 0.51 0.00	16.52 0.58 0.00	19.42 0.70 0.00	20.25 0.83 0.00	28.13 1.15 -0.12	31.55 1.41 -0.66	31.90 1.69 0.00	29.08 1.71 0.00	29.09 1.80 0.00	29.41 1.91 -0.23	38.84 2.59 -0.07	43.77 3.19 0.00	41.65 3.04 0.00	45.92 3.34 0.00	63.96 4.65 0.00	36.35 2.42 0.00	43.10 2.83 0.00	37.77 2.34 0.00	34.39 2.11 0.00	33.81 1.79 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.04 1.22 0.00	21.01 0.82 0.00	17.62 0.65 0.00	16.30 0.58 0.00	15.07 0.58 0.00	16.57 0.62 0.00	19.54 0.82 0.00	20.39 0.97 0.00	28.32 1.40 -0.07	31.50 1.68 -0.35	32.17 1.96 0.00	29.21 1.84 0.00	29.28 1.99 0.00	29.50 2.11 -0.12	39.00 2.78 -0.04	44.09 3.52 0.00	42.05 3.45 0.00	46.49 3.91 0.00	64.86 5.55 0.00	36.94 3.01 0.00	43.73 3.46 0.00	38.23 2.80 0.00	34.71 2.43 0.00	34.05 2.02 0.00
KIAC_JFK_GT1 23816	27.84 1.01 0.00	20.95 0.77 0.00	17.57 0.60 0.00	16.26 0.54 0.00	15.02 0.53 0.00	16.54 0.59 0.00	19.47 0.75 0.00	20.36 0.93 0.00	28.27 1.29 -0.12	31.67 1.53 -0.66	31.99 1.77 0.00	29.19 1.82 0.00	29.21 1.92 0.00	29.57 2.07 -0.23	39.07 2.82 -0.07	44.02 3.44 0.00	41.89 3.28 0.00	46.20 3.62 0.00	64.17 4.86 0.00	36.45 2.52 0.00	43.20 2.93 0.00	37.82 2.38 0.00	34.51 2.23 0.00	33.93 1.90 0.00
KIAC_JFK_GT2 23817	27.84 1.01 0.00	20.95 0.77 0.00	17.57 0.60 0.00	16.26 0.54 0.00	15.02 0.53 0.00	16.54 0.59 0.00	19.47 0.75 0.00	20.36 0.93 0.00	28.27 1.29 -0.12	31.67 1.53 -0.66	31.99 1.77 0.00	29.19 1.82 0.00	29.21 1.92 0.00	29.57 2.07 -0.23	39.07 2.82 -0.07	44.02 3.44 0.00	41.89 3.28 0.00	46.20 3.62 0.00	64.17 4.86 0.00	36.45 2.52 0.00	43.20 2.93 0.00	37.82 2.38 0.00	34.51 2.23 0.00	33.93 1.90 0.00
KIAC_JFK____ 323774	27.84 1.01 0.00	20.95 0.77 0.00	17.57 0.60 0.00	16.26 0.54 0.00	15.03 0.54 0.00	16.54 0.59 0.00	19.47 0.75 0.00	20.36 0.93 0.00	28.27 1.29 -0.12	31.67 1.53 -0.66	31.99 1.77 0.00	29.19 1.82 0.00	29.20 1.92 0.00	29.57 2.07 -0.23	39.07 2.82 -0.07	44.02 3.44 0.00	41.88 3.28 0.00	46.19 3.61 0.00	64.17 4.86 0.00	36.45 2.52 0.00	43.20 2.93 0.00	37.82 2.38 0.00	34.52 2.24 0.00	33.93 1.90 0.00
KINTIGH____ 23543	27.60 0.77 0.00	20.81 0.62 0.00	17.42 0.45 0.00	16.05 0.33 0.00	14.65 0.16 0.00	16.11 0.16 0.00	19.04 0.31 0.00	19.57 0.15 0.00	27.59 0.73 0.00	30.21 0.74 0.00	30.58 0.36 0.00	27.15 -0.21 0.00	27.03 -0.26 0.00	26.73 -0.54 0.00	35.31 -0.87 0.00	38.98 -1.60 0.00	37.18 -1.43 0.00	40.73 -1.85 0.00	56.08 -3.24 0.00	32.18 -1.75 0.00	38.69 -1.58 0.00	34.14 -1.29 0.00	31.77 -0.50 0.00	31.59 -0.44 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.36 -3.46 0.00	17.97 -2.21 0.00	15.16 -1.81 0.00	14.25 -1.47 0.00	13.02 -1.47 0.00	14.72 -1.23 0.00	17.52 -1.21 0.00	18.31 -1.11 0.00	25.88 -0.98 0.00	27.91 -1.57 0.00	28.18 -2.03 0.00	25.73 -1.64 0.00	25.46 -1.82 0.00	25.21 -2.06 0.00	33.55 -2.63 0.00	41.15 0.57 0.00	39.98 1.37 0.00	44.20 1.62 0.00	61.41 2.10 0.00	35.32 1.39 0.00	41.75 1.48 0.00	36.56 1.13 0.00	33.17 0.89 0.00	32.91 0.88 0.00

LACHUTE____HYDRO 323717	29.07 2.25 0.00	21.47 1.29 0.00	18.08 1.11 0.00	16.92 1.20 0.00	15.61 1.12 0.00	17.25 1.30 0.00	20.44 1.72 0.00	20.98 1.56 0.00	28.72 2.00 0.13	31.15 2.38 0.70	32.59 2.37 0.00	29.62 2.26 0.00	29.73 2.44 0.00	29.37 2.34 0.24	39.82 3.71 0.07	45.37 4.80 0.00	43.15 4.54 0.00	47.46 4.88 0.00	65.88 6.56 0.00	37.64 3.71 0.00	45.01 4.74 0.00	39.15 3.72 0.00	35.45 3.18 0.00	34.94 2.91 0.00
LAWRNCAV_115KV_TB1 80681	23.09 -3.74 0.00	17.63 -2.55 0.00	14.86 -2.11 0.00	13.87 -1.85 0.00	12.70 -1.79 0.00	14.30 -1.64 0.00	17.03 -1.69 0.00	17.75 -1.67 0.00	24.87 -1.99 0.00	26.53 -2.94 0.00	26.73 -3.49 0.00	24.35 -3.02 0.00	24.18 -3.11 0.00	23.93 -3.34 0.00	31.78 -4.40 0.00	39.01 -1.57 0.00	37.62 -0.99 0.00	41.51 -1.07 0.00	57.90 -1.42 0.00	33.21 -0.72 0.00	39.27 -1.00 0.00	34.62 -0.82 0.00	31.30 -0.98 0.00	30.97 -1.06 0.00
LEDERLE____ 23769	27.80 0.98 0.00	20.88 0.70 0.00	17.50 0.53 0.00	16.20 0.48 0.00	14.99 0.49 0.00	16.49 0.54 0.00	19.42 0.70 0.00	20.26 0.84 0.00	28.15 1.18 -0.11	31.55 1.47 -0.61	31.96 1.75 0.00	29.14 1.77 0.00	29.17 1.89 0.00	29.49 2.00 -0.21	38.97 2.73 -0.06	43.90 3.32 0.00	41.82 3.21 0.00	46.12 3.54 0.00	64.23 4.91 0.00	36.49 2.56 0.00	43.22 2.95 0.00	37.85 2.42 0.00	34.45 2.17 0.00	33.83 1.80 0.00
LIGHTHSE_115KV_TB6 355974	26.45 -0.38 0.00	19.92 -0.26 0.00	16.78 -0.19 0.00	15.59 -0.13 0.00	14.40 -0.09 0.00	15.87 -0.08 0.00	18.69 -0.03 0.00	19.32 -0.10 0.00	26.78 -0.08 0.00	29.33 -0.14 0.00	29.96 -0.26 0.00	27.01 -0.36 0.00	26.79 -0.50 0.00	26.63 -0.64 0.00	35.21 -0.97 0.00	39.56 -1.02 0.00	37.64 -0.97 0.00	41.47 -1.11 0.00	58.05 -1.27 0.00	33.30 -0.63 0.00	39.60 -0.67 0.00	34.78 -0.66 0.00	31.70 -0.58 0.00	31.49 -0.53 0.00
LINDEN COGEN____ 23786	27.76 0.93 0.00	20.87 0.68 0.00	17.48 0.51 0.00	16.18 0.46 0.00	14.98 0.49 0.00	16.48 0.53 0.00	19.41 0.69 0.00	20.26 0.83 0.00	27.71 1.16 0.30	31.41 1.42 -0.51	31.26 1.73 0.68	29.14 1.77 0.00	29.14 1.85 0.00	29.46 1.95 -0.23	38.88 2.63 -0.07	38.94 3.22 4.86	41.43 3.07 0.24	45.95 3.37 0.00	59.33 4.63 4.62	32.40 2.40 3.92	32.55 2.78 10.50	32.90 2.30 4.84	30.84 2.09 3.54	31.60 1.75 2.18
LINDHRST_69_KV_BK1 356055	28.87 2.04 0.00	22.57 1.62 -0.77	18.18 1.20 0.00	16.83 1.11 0.00	15.53 1.04 0.00	17.12 1.18 0.00	20.00 1.28 0.00	20.74 1.32 0.00	28.89 1.91 -0.13	32.34 2.20 -0.66	34.86 2.92 -1.74	35.25 2.87 -5.01	45.66 2.89 -15.48	58.87 2.99 -28.60	50.56 3.96 -10.42	92.38 4.77 -47.03	76.89 4.56 -33.72	76.71 4.90 -29.23	115.49 6.86 -49.31	48.43 3.69 -10.81	46.45 4.28 -1.90	39.33 3.62 -0.28	36.09 3.43 -0.38	35.04 3.01 0.00
LIPA_MISC_IPP 23656	28.97 2.15 0.00	22.72 1.77 -0.77	18.30 1.33 0.00	16.95 1.23 0.00	15.62 1.13 0.00	17.24 1.30 0.00	20.04 1.33 0.00	20.70 1.28 0.00	28.83 1.85 -0.13	32.31 2.17 -0.66	34.93 2.98 -1.74	36.05 3.02 -5.66	130.82 2.99 -100.55	190.48 3.03 -160.18	117.14 4.03 -76.92	468.88 4.84 -423.46	326.43 4.59 -283.23	376.96 4.86 -329.51	373.12 6.92 -306.88	152.59 3.79 -114.87	66.55 4.38 -21.91	39.36 3.64 -0.28	36.12 3.46 -0.38	35.09 3.06 0.00
LISF____SOLAR 323691	29.03 2.20 0.00	22.74 1.79 -0.77	18.32 1.36 0.00	16.97 1.25 0.00	15.70 1.20 0.00	17.27 1.32 0.00	20.08 1.37 0.00	20.75 1.32 0.00	28.89 1.91 -0.13	32.37 2.24 -0.66	35.00 3.04 -1.74	36.10 3.07 -5.66	130.32 3.05 -99.99	191.28 3.10 -160.90	118.09 4.14 -77.76	469.32 4.98 -423.76	327.34 4.72 -284.00	375.09 5.04 -327.47	372.48 7.15 -306.02	152.17 3.93 -114.31	66.96 4.52 -22.16	39.49 3.77 -0.28	36.23 3.57 -0.38	35.18 3.15 0.00
LITTLE FALLS____HYD 24013	26.46 -0.37 0.00	19.71 -0.47 0.00	16.55 -0.42 0.00	15.32 -0.41 0.00	14.22 -0.27 0.00	15.62 -0.33 0.00	18.44 -0.28 0.00	19.27 -0.16 0.00	26.53 -0.33 0.00	29.07 -0.41 0.00	29.92 -0.29 0.00	27.07 -0.30 0.00	27.17 -0.12 0.00	27.32 0.05 0.00	36.29 0.11 0.00	40.98 0.41 0.00	39.03 0.42 0.00	43.25 0.67 0.00	60.48 1.17 0.00	34.68 0.75 0.00	41.28 1.01 0.00	36.00 0.56 0.00	32.62 0.35 0.00	32.02 0.00 0.00
LITTLRIV_115KV_TB1 356100	23.35 -3.48 0.00	17.80 -2.39 0.00	14.99 -1.98 0.00	14.00 -1.72 0.00	12.84 -1.65 0.00	14.45 -1.50 0.00	17.25 -1.47 0.00	18.01 -1.41 0.00	25.25 -1.61 0.00	26.91 -2.56 0.00	27.05 -3.16 0.00	24.65 -2.72 0.00	24.47 -2.81 0.00	24.21 -3.06 0.00	32.16 -4.02 0.00	39.50 -1.07 0.00	38.11 -0.50 0.00	42.04 -0.54 0.00	58.67 -0.64 0.00	33.67 -0.26 0.00	39.83 -0.44 0.00	35.11 -0.32 0.00	31.71 -0.57 0.00	31.32 -0.71 0.00
LI_NEWBRDGE____DRP 323616	28.21 1.38 0.00	22.06 1.10 -0.77	17.77 0.80 0.00	16.46 0.74 0.00	15.20 0.70 0.00	16.74 0.80 0.00	19.58 0.86 0.00	20.33 0.91 0.00	28.25 1.27 -0.13	31.67 1.53 -0.66	34.07 2.12 -1.74	34.44 2.12 -4.95	36.64 2.14 -7.21	45.49 2.22 -15.99	43.25 2.97 -4.10	54.97 3.66 -10.74	51.78 3.44 -9.73	46.23 3.65 0.00	88.86 5.19 -24.35	37.38 2.74 -0.70	43.42 3.14 0.00	38.36 2.66 -0.27	35.19 2.53 -0.38	34.22 2.20 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.04 1.21 0.00	21.14 0.96 0.00	17.69 0.72 0.00	16.28 0.55 0.00	14.83 0.33 0.00	16.30 0.35 0.00	19.28 0.56 0.00	19.79 0.37 0.00	27.98 1.13 0.00	30.56 1.08 0.00	30.84 0.62 0.00	27.34 -0.02 0.00	27.17 -0.12 0.00	26.79 -0.48 0.00	35.29 -0.89 0.00	38.83 -1.75 0.00	37.07 -1.54 0.00	40.60 -1.98 0.00	55.77 -3.55 0.00	32.09 -1.84 0.00	38.67 -1.60 0.00	34.14 -1.30 0.00	31.92 -0.36 0.00	31.81 -0.22 0.00
LOCKPORT____CC1 323769	28.01 1.18 0.00	21.14 0.95 0.00	17.67 0.70 0.00	16.26 0.54 0.00	14.80 0.30 0.00	16.28 0.33 0.00	19.26 0.54 0.00	19.77 0.34 0.00	27.95 1.09 0.00	30.53 1.05 0.00	30.81 0.59 0.00	27.32 -0.05 0.00	27.15 -0.13 0.00	26.79 -0.49 0.00	35.28 -0.90 0.00	38.83 -1.75 0.00	37.05 -1.55 0.00	40.59 -1.99 0.00	55.71 -3.60 0.00	32.05 -1.88 0.00	38.63 -1.64 0.00	34.11 -1.33 0.00	31.87 -0.41 0.00	31.77 -0.25 0.00
LOCKPORT____CC2 323770	28.01 1.18 0.00	21.14 0.95 0.00	17.67 0.70 0.00	16.26 0.54 0.00	14.80 0.30 0.00	16.28 0.33 0.00	19.26 0.54 0.00	19.77 0.34 0.00	27.95 1.09 0.00	30.53 1.05 0.00	30.81 0.59 0.00	27.32 -0.05 0.00	27.15 -0.13 0.00	26.79 -0.49 0.00	35.28 -0.90 0.00	38.83 -1.75 0.00	37.05 -1.55 0.00	40.59 -1.99 0.00	55.71 -3.60 0.00	32.05 -1.88 0.00	38.63 -1.64 0.00	34.11 -1.33 0.00	31.87 -0.41 0.00	31.77 -0.25 0.00
LOCKPORT____CC3 323771	28.01 1.18 0.00	21.14 0.95 0.00	17.67 0.70 0.00	16.26 0.54 0.00	14.80 0.30 0.00	16.28 0.33 0.00	19.26 0.54 0.00	19.77 0.34 0.00	27.95 1.09 0.00	30.53 1.05 0.00	30.81 0.59 0.00	27.32 -0.05 0.00	27.15 -0.13 0.00	26.79 -0.49 0.00	35.28 -0.90 0.00	38.83 -1.75 0.00	37.05 -1.55 0.00	40.59 -1.99 0.00	55.71 -3.60 0.00	32.05 -1.88 0.00	38.63 -1.64 0.00	34.11 -1.33 0.00	31.87 -0.41 0.00	31.77 -0.25 0.00

LONG_LAKE_PHOENIX 24014	26.82 0.00 0.00	20.16 -0.02 0.00	16.94 -0.03 0.00	15.68 -0.04 0.00	14.45 -0.04 0.00	15.89 -0.05 0.00	18.66 -0.06 0.00	19.30 -0.13 0.00	26.71 -0.15 0.00	29.31 -0.16 0.00	30.01 -0.20 0.00	27.07 -0.30 0.00	26.90 -0.38 0.00	26.81 -0.47 0.00	35.54 -0.64 0.00	39.78 -0.79 0.00	37.82 -0.78 0.00	41.68 -0.89 0.00	58.15 -1.16 0.00	33.29 -0.64 0.00	39.61 -0.66 0.00	34.81 -0.62 0.00	31.81 -0.47 0.00	31.71 -0.32 0.00
LOVETT___3 23632	27.60 0.77 0.00	20.75 0.56 0.00	17.39 0.42 0.00	16.10 0.37 0.00	14.89 0.40 0.00	16.39 0.44 0.00	19.28 0.56 0.00	20.10 0.68 0.00	27.91 0.94 -0.12	31.28 1.19 -0.61	31.66 1.45 0.00	28.86 1.49 0.00	28.88 1.59 0.00	29.18 1.70 -0.21	38.56 2.32 -0.06	43.44 2.86 0.00	41.37 2.76 0.00	45.61 3.04 0.00	63.56 4.25 0.00	36.12 2.19 0.00	42.80 2.53 0.00	37.50 2.06 0.00	34.14 1.86 0.00	33.55 1.52 0.00
LOVETT___4 23642	27.60 0.77 0.00	20.75 0.56 0.00	17.39 0.42 0.00	16.10 0.37 0.00	14.89 0.40 0.00	16.39 0.44 0.00	19.28 0.56 0.00	20.10 0.68 0.00	27.91 0.94 -0.12	31.28 1.19 -0.61	31.66 1.45 0.00	28.86 1.49 0.00	28.88 1.59 0.00	29.18 1.70 -0.21	38.56 2.32 -0.06	43.44 2.86 0.00	41.37 2.76 0.00	45.61 3.04 0.00	63.56 4.25 0.00	36.12 2.19 0.00	42.80 2.53 0.00	37.50 2.06 0.00	34.14 1.86 0.00	33.55 1.52 0.00
LOVETT___5 23593	27.60 0.77 0.00	20.75 0.56 0.00	17.39 0.42 0.00	16.10 0.37 0.00	14.89 0.40 0.00	16.39 0.44 0.00	19.28 0.56 0.00	20.10 0.68 0.00	27.91 0.94 -0.12	31.28 1.19 -0.61	31.66 1.45 0.00	28.86 1.49 0.00	28.88 1.59 0.00	29.18 1.70 -0.21	38.56 2.32 -0.06	43.44 2.86 0.00	41.37 2.76 0.00	45.61 3.04 0.00	63.56 4.25 0.00	36.12 2.19 0.00	42.80 2.53 0.00	37.50 2.06 0.00	34.14 1.86 0.00	33.55 1.52 0.00
LOWER_RAQUET___HYD 24057	23.00 -3.83 0.00	17.55 -2.63 0.00	14.79 -2.18 0.00	13.82 -1.90 0.00	12.67 -1.82 0.00	14.26 -1.69 0.00	16.99 -1.74 0.00	17.71 -1.71 0.00	24.81 -2.05 0.00	26.48 -3.00 0.00	26.65 -3.56 0.00	24.27 -3.10 0.00	24.08 -3.21 0.00	23.83 -3.45 0.00	31.63 -4.55 0.00	38.78 -1.80 0.00	37.39 -1.22 0.00	41.26 -1.32 0.00	57.59 -1.72 0.00	33.05 -0.88 0.00	39.07 -1.20 0.00	34.44 -0.99 0.00	31.12 -1.16 0.00	30.77 -1.26 0.00
LOWER___HUDSON 24059	27.39 0.57 0.00	20.61 0.43 0.00	17.35 0.38 0.00	16.11 0.38 0.00	14.85 0.36 0.00	16.35 0.40 0.00	19.14 0.42 0.00	19.92 0.49 0.00	27.23 0.54 0.17	29.24 0.67 0.90	30.83 0.62 0.00	28.04 0.67 0.00	27.96 0.68 0.00	27.72 0.75 0.31	37.33 1.24 0.09	42.07 1.49 0.00	40.02 1.41 0.00	44.16 1.58 0.00	61.81 2.49 0.00	35.41 1.48 0.00	42.20 1.93 0.00	36.91 1.48 0.00	33.63 1.35 0.00	33.23 1.20 0.00
LOWVILLE_115KV_TB2 356335	25.46 -1.36 0.00	19.30 -0.89 0.00	16.37 -0.60 0.00	15.29 -0.43 0.00	14.17 -0.32 0.00	15.71 -0.24 0.00	18.63 -0.09 0.00	19.32 -0.10 0.00	26.86 0.01 0.00	29.29 -0.18 0.00	29.86 -0.36 0.00	26.98 -0.39 0.00	26.84 -0.45 0.00	26.61 -0.66 0.00	35.14 -1.04 0.00	40.10 -0.47 0.00	38.28 -0.33 0.00	42.15 -0.43 0.00	59.30 -0.02 0.00	33.99 0.06 0.00	40.29 0.02 0.00	35.43 -0.01 0.00	32.00 -0.28 0.00	31.53 -0.50 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.90 1.07 0.00	20.93 0.75 0.00	17.59 0.61 0.00	16.31 0.59 0.00	15.02 0.53 0.00	16.56 0.62 0.00	19.42 0.71 0.00	20.23 0.80 0.00	27.71 0.99 0.14	29.90 1.14 0.72	31.33 1.11 0.00	28.46 1.09 0.00	28.45 1.16 0.00	28.22 1.19 0.25	37.93 1.83 0.07	42.78 2.20 0.00	40.67 2.06 0.00	44.84 2.26 0.00	62.69 3.37 0.00	35.96 2.03 0.00	42.79 2.52 0.00	37.41 1.98 0.00	34.02 1.75 0.00	33.59 1.56 0.00
LUTHERNY_35_KV_BK2 355980	27.91 1.08 0.00	20.93 0.74 0.00	17.59 0.62 0.00	16.32 0.60 0.00	15.02 0.53 0.00	16.58 0.63 0.00	19.44 0.73 0.00	20.29 0.86 0.00	27.74 1.02 0.14	29.92 1.16 0.72	31.36 1.14 0.00	28.46 1.09 0.00	28.46 1.17 0.00	28.22 1.19 0.25	37.97 1.86 0.07	42.83 2.25 0.00	40.72 2.12 0.00	44.89 2.32 0.00	62.73 3.41 0.00	36.02 2.09 0.00	42.87 2.60 0.00	37.45 2.01 0.00	34.04 1.77 0.00	33.60 1.58 0.00
LWR___OSWEGATCHIE_HYD 23850	23.97 -2.86 0.00	18.23 -1.95 0.00	15.41 -1.56 0.00	14.40 -1.32 0.00	13.28 -1.22 0.00	14.83 -1.12 0.00	17.62 -1.11 0.00	18.32 -1.11 0.00	25.55 -1.31 0.00	27.57 -1.91 0.00	27.93 -2.28 0.00	25.32 -2.05 0.00	25.12 -2.17 0.00	24.86 -2.42 0.00	32.91 -3.27 0.00	38.90 -1.68 0.00	37.34 -1.27 0.00	41.15 -1.43 0.00	57.73 -1.59 0.00	33.14 -0.79 0.00	39.24 -1.03 0.00	34.53 -0.90 0.00	31.20 -1.08 0.00	30.79 -1.23 0.00
LYONS_FALL_HYD 23570	26.13 -0.69 0.00	19.71 -0.47 0.00	16.66 -0.31 0.00	15.52 -0.20 0.00	14.35 -0.14 0.00	15.88 -0.07 0.00	18.81 0.09 0.00	19.52 0.09 0.00	27.11 0.25 0.00	29.65 0.18 0.00	30.28 0.07 0.00	27.38 0.01 0.00	27.26 -0.03 0.00	27.09 -0.18 0.00	35.83 -0.35 0.00	40.67 0.10 0.00	38.81 0.20 0.00	42.78 0.20 0.00	59.95 0.63 0.00	34.33 0.41 0.00	40.72 0.45 0.00	35.77 0.34 0.00	32.39 0.11 0.00	31.97 -0.06 0.00
MADISON___COUNTY_LFGE 323628	27.34 0.51 0.00	20.49 0.31 0.00	17.23 0.26 0.00	15.97 0.25 0.00	14.77 0.27 0.00	16.25 0.30 0.00	19.23 0.51 0.00	19.97 0.55 0.00	27.71 0.85 0.00	30.41 0.93 0.00	31.14 0.92 0.00	28.15 0.78 0.00	28.06 0.77 0.00	27.89 0.62 0.00	36.98 0.80 0.00	41.61 1.03 0.00	39.67 1.06 0.00	43.78 1.20 0.00	61.05 1.74 0.00	34.92 0.99 0.00	41.50 1.23 0.00	36.41 0.97 0.00	33.07 0.80 0.00	32.73 0.70 0.00
MALONE___115KV_TB1 356076	23.29 -3.53 0.00	17.86 -2.32 0.00	15.06 -1.91 0.00	14.13 -1.60 0.00	12.92 -1.58 0.00	14.60 -1.35 0.00	17.39 -1.33 0.00	18.18 -1.24 0.00	25.62 -1.23 0.00	27.50 -1.98 0.00	27.78 -2.43 0.00	25.38 -1.99 0.00	25.15 -2.13 0.00	24.86 -2.41 0.00	33.05 -3.14 0.00	40.57 0.00 0.00	39.31 0.70 0.00	43.42 0.84 0.00	60.45 1.14 0.00	34.74 0.81 0.00	41.06 0.79 0.00	36.08 0.65 0.00	32.67 0.39 0.00	32.34 0.32 0.00
MAPLEWOD_115KV_TB3 80458	27.26 0.43 0.00	20.52 0.33 0.00	17.27 0.30 0.00	16.02 0.30 0.00	14.78 0.29 0.00	16.27 0.32 0.00	19.05 0.33 0.00	19.84 0.42 0.00	27.21 0.48 0.13	29.38 0.60 0.70	30.80 0.58 0.00	27.99 0.62 0.00	27.95 0.67 0.00	27.80 0.77 0.24	37.25 1.14 0.07	41.99 1.42 0.00	39.95 1.34 0.00	44.07 1.49 0.00	61.59 2.27 0.00	35.24 1.31 0.00	41.94 1.67 0.00	36.73 1.30 0.00	33.46 1.18 0.00	33.06 1.03 0.00
MAPLE_RIDGE_WT_1 323574	25.03 -1.80 0.00	19.05 -1.13 0.00	16.06 -0.91 0.00	14.96 -0.76 0.00	13.76 -0.73 0.00	15.29 -0.66 0.00	18.03 -0.69 0.00	18.71 -0.71 0.00	26.01 -0.85 0.00	28.21 -1.27 0.00	28.78 -1.43 0.00	26.15 -1.22 0.00	26.07 -1.22 0.00	25.98 -1.29 0.00	34.47 -1.71 0.00	40.18 -0.40 0.00	38.38 -0.23 0.00	42.28 -0.30 0.00	58.96 -0.36 0.00	33.69 -0.24 0.00	39.86 -0.40 0.00	35.13 -0.30 0.00	31.90 -0.38 0.00	31.62 -0.41 0.00

MAPLE_RIDGE_WT_2 323611	25.03 -1.80 0.00	19.05 -1.13 0.00	16.06 -0.91 0.00	14.96 -0.76 0.00	13.76 -0.73 0.00	15.29 -0.66 0.00	18.03 -0.69 0.00	18.71 -0.71 0.00	26.01 -0.85 0.00	28.21 -1.27 0.00	28.78 -1.43 0.00	26.15 -1.22 0.00	26.07 -1.22 0.00	25.98 -1.29 0.00	34.47 -1.71 0.00	40.18 -0.40 0.00	38.38 -0.23 0.00	42.28 -0.30 0.00	58.96 -0.36 0.00	33.69 -0.24 0.00	39.86 -0.40 0.00	35.13 -0.30 0.00	31.90 -0.38 0.00	31.62 -0.41 0.00
MARBLE_RIVER_WT_PWR 323696	23.13 -3.70 0.00	17.80 -2.38 0.00	15.01 -1.96 0.00	14.12 -1.61 0.00	12.90 -1.59 0.00	14.58 -1.36 0.00	17.33 -1.39 0.00	18.11 -1.32 0.00	25.54 -1.32 0.00	27.49 -1.98 0.00	27.80 -2.41 0.00	25.43 -1.94 0.00	25.20 -2.09 0.00	24.93 -2.34 0.00	33.17 -3.01 0.00	40.75 0.17 0.00	39.53 0.92 0.00	43.64 1.06 0.00	60.62 1.31 0.00	34.85 0.92 0.00	41.16 0.89 0.00	36.12 0.68 0.00	32.79 0.51 0.00	32.54 0.51 0.00
MARSHVLE_115KV_TB1 80742	28.74 1.92 0.00	21.73 1.55 0.00	18.23 1.26 0.00	16.85 1.13 0.00	15.46 0.97 0.00	17.08 1.13 0.00	20.15 1.43 0.00	20.89 1.46 0.00	28.97 2.19 0.08	31.26 2.21 0.43	32.31 2.10 0.00	29.07 1.70 0.00	28.97 1.68 0.00	28.87 1.74 0.15	38.21 2.07 0.04	42.96 2.38 0.00	40.83 2.22 0.00	45.23 2.65 0.00	63.30 3.98 0.00	36.22 2.29 0.00	42.84 2.58 0.00	37.76 2.33 0.00	34.39 2.11 0.00	34.21 2.18 0.00
MARSH_HILL_WT_PWR 323713	28.06 1.24 0.00	20.86 0.68 0.00	17.52 0.55 0.00	16.19 0.47 0.00	14.75 0.25 0.00	16.36 0.42 0.00	19.51 0.80 0.00	20.32 0.89 0.00	28.65 1.79 0.00	31.26 1.78 0.00	31.84 1.63 0.00	28.33 0.96 0.00	28.00 0.72 0.00	27.77 0.50 0.00	36.79 0.61 0.00	40.97 0.39 0.00	38.97 0.36 0.00	42.84 0.26 0.00	59.24 -0.08 0.00	34.00 0.07 0.00	40.68 0.41 0.00	36.01 0.58 0.00	33.07 0.79 0.00	32.85 0.82 0.00
MCINTYRE_115KV_TB2 80467	23.57 -3.26 0.00	17.99 -2.19 0.00	15.14 -1.83 0.00	14.14 -1.58 0.00	12.95 -1.55 0.00	14.58 -1.36 0.00	17.39 -1.33 0.00	18.16 -1.26 0.00	25.45 -1.41 0.00	27.07 -2.40 0.00	27.23 -2.98 0.00	24.82 -2.55 0.00	24.67 -2.61 0.00	24.42 -2.85 0.00	32.44 -3.74 0.00	39.98 -0.60 0.00	38.57 -0.04 0.00	42.55 -0.02 0.00	59.35 0.03 0.00	34.07 0.14 0.00	40.33 0.06 0.00	35.57 0.14 0.00	32.11 -0.17 0.00	31.72 -0.31 0.00
MECO____69_KV_BK1 80468	29.47 2.65 0.00	21.97 1.78 0.00	18.51 1.54 0.00	17.06 1.34 0.00	15.79 1.30 0.00	17.32 1.37 0.00	20.72 2.00 0.00	21.34 1.92 0.00	29.38 2.61 0.09	31.43 2.42 0.47	32.42 2.21 0.00	28.58 1.21 0.00	29.14 1.85 0.00	28.65 1.54 0.16	38.03 1.90 0.05	42.86 2.29 0.00	41.31 2.70 0.00	47.18 4.60 0.00	66.60 7.29 0.00	38.16 4.22 0.00	45.19 4.92 0.00	39.59 4.15 0.00	35.88 3.60 0.00	35.46 3.43 0.00
MENANDS__115KV_TB5 355628	27.08 0.25 0.00	20.39 0.21 0.00	17.17 0.20 0.00	15.93 0.21 0.00	14.70 0.21 0.00	16.17 0.23 0.00	18.93 0.22 0.00	19.73 0.30 0.00	27.02 0.30 0.13	29.17 0.40 0.70	30.58 0.37 0.00	27.80 0.43 0.00	27.73 0.45 0.00	27.57 0.54 0.24	36.97 0.86 0.07	41.66 1.08 0.00	39.61 1.00 0.00	43.69 1.11 0.00	61.09 1.78 0.00	34.96 1.03 0.00	41.61 1.34 0.00	36.44 1.01 0.00	33.21 0.93 0.00	32.84 0.81 0.00
MG INDUSTRY___DRP 24185	27.28 0.45 0.00	20.54 0.35 0.00	17.30 0.33 0.00	16.04 0.32 0.00	14.80 0.31 0.00	16.29 0.34 0.00	19.08 0.36 0.00	19.85 0.43 0.00	27.28 0.50 0.08	29.58 0.52 0.41	30.66 0.45 0.00	27.81 0.44 0.00	27.69 0.41 0.00	27.59 0.45 0.14	36.87 0.73 0.04	41.46 0.88 0.00	39.36 0.76 0.00	43.43 0.85 0.00	60.70 1.38 0.00	34.78 0.85 0.00	41.42 1.15 0.00	36.36 0.93 0.00	33.21 0.93 0.00	32.95 0.92 0.00
MID___OSWEGATCHIE_HYD 23849	23.97 -2.86 0.00	18.23 -1.95 0.00	15.41 -1.56 0.00	14.40 -1.32 0.00	13.28 -1.22 0.00	14.83 -1.12 0.00	17.62 -1.11 0.00	18.32 -1.11 0.00	25.55 -1.31 0.00	27.57 -1.91 0.00	27.93 -2.28 0.00	25.32 -2.05 0.00	25.12 -2.17 0.00	24.86 -2.42 0.00	32.91 -3.27 0.00	38.90 -1.68 0.00	37.34 -1.27 0.00	41.15 -1.43 0.00	57.73 -1.59 0.00	33.14 -0.79 0.00	39.24 -1.03 0.00	34.53 -0.90 0.00	31.20 -1.08 0.00	30.79 -1.23 0.00
MID___RAQUETTE_HYD 23851	23.00 -3.83 0.00	17.55 -2.63 0.00	14.80 -2.17 0.00	13.83 -1.90 0.00	12.67 -1.82 0.00	14.26 -1.69 0.00	16.99 -1.74 0.00	17.71 -1.71 0.00	24.81 -2.04 0.00	26.48 -3.00 0.00	26.65 -3.56 0.00	24.27 -3.10 0.00	24.08 -3.21 0.00	23.83 -3.45 0.00	31.64 -4.54 0.00	38.78 -1.80 0.00	37.39 -1.22 0.00	41.26 -1.32 0.00	57.60 -1.72 0.00	33.04 -0.89 0.00	39.07 -1.20 0.00	34.44 -1.00 0.00	31.12 -1.16 0.00	30.77 -1.26 0.00
MILLIKEN___1 23584	27.75 0.92 0.00	20.84 0.65 0.00	17.50 0.53 0.00	16.19 0.47 0.00	14.94 0.44 0.00	16.43 0.49 0.00	19.40 0.69 0.00	20.17 0.75 0.00	27.97 1.11 0.00	30.66 1.18 0.00	31.46 1.25 0.00	28.33 0.97 0.00	28.24 0.95 0.00	28.12 0.84 0.00	37.11 0.93 0.00	41.56 0.98 0.00	39.59 0.98 0.00	43.70 1.12 0.00	60.79 1.48 0.00	34.83 0.90 0.00	41.47 1.21 0.00	36.38 0.95 0.00	33.09 0.81 0.00	32.80 0.77 0.00
MILLIKEN___2 23585	27.75 0.92 0.00	20.84 0.65 0.00	17.50 0.53 0.00	16.19 0.47 0.00	14.94 0.44 0.00	16.43 0.49 0.00	19.40 0.69 0.00	20.17 0.75 0.00	27.97 1.11 0.00	30.66 1.18 0.00	31.46 1.25 0.00	28.33 0.97 0.00	28.24 0.95 0.00	28.12 0.84 0.00	37.11 0.93 0.00	41.56 0.98 0.00	39.59 0.98 0.00	43.70 1.12 0.00	60.79 1.48 0.00	34.83 0.90 0.00	41.47 1.21 0.00	36.38 0.95 0.00	33.09 0.81 0.00	32.80 0.77 0.00
MILLIKEN___DIESEL 23629	27.75 0.92 0.00	20.84 0.65 0.00	17.50 0.53 0.00	16.19 0.47 0.00	14.94 0.44 0.00	16.43 0.49 0.00	19.40 0.69 0.00	20.17 0.75 0.00	27.97 1.11 0.00	30.66 1.18 0.00	31.46 1.25 0.00	28.33 0.97 0.00	28.24 0.95 0.00	28.12 0.84 0.00	37.11 0.93 0.00	41.56 0.98 0.00	39.59 0.98 0.00	43.70 1.12 0.00	60.79 1.48 0.00	34.83 0.90 0.00	41.47 1.21 0.00	36.38 0.95 0.00	33.09 0.81 0.00	32.80 0.77 0.00
MILLSEAT___LFGE 323607	28.48 1.65 0.00	21.46 1.28 0.00	17.94 0.97 0.00	16.51 0.78 0.00	15.05 0.56 0.00	16.57 0.62 0.00	19.63 0.91 0.00	20.21 0.78 0.00	28.54 1.68 0.00	31.24 1.76 0.00	31.59 1.38 0.00	28.05 0.68 0.00	27.82 0.53 0.00	27.44 0.17 0.00	36.08 -0.10 0.00	39.80 -0.78 0.00	38.06 -0.55 0.00	41.74 -0.84 0.00	57.44 -1.87 0.00	33.03 -0.90 0.00	39.75 -0.52 0.00	35.02 -0.41 0.00	32.56 0.29 0.00	32.41 0.38 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.75 0.92 0.00	20.87 0.68 0.00	17.50 0.53 0.00	16.21 0.48 0.00	14.98 0.48 0.00	16.48 0.54 0.00	19.37 0.65 0.00	20.21 0.78 0.00	28.06 1.08 -0.12	31.47 1.34 -0.66	31.81 1.60 0.00	28.99 1.62 0.00	29.00 1.72 0.00	29.33 1.83 -0.23	38.72 2.47 -0.07	43.62 3.05 0.00	41.53 2.92 0.00	45.79 3.21 0.00	63.79 4.47 0.00	36.27 2.34 0.00	43.00 2.73 0.00	37.69 2.25 0.00	34.31 2.03 0.00	33.74 1.71 0.00

MILLWOOD_13_KV_LOAD 356217	27.83 1.01 0.00	20.93 0.74 0.00	17.55 0.58 0.00	16.25 0.53 0.00	15.02 0.52 0.00	16.53 0.58 0.00	19.43 0.71 0.00	20.27 0.84 0.00	28.15 1.17 -0.12	31.58 1.44 -0.66	31.93 1.72 0.00	29.10 1.73 0.00	29.12 1.83 0.00	29.44 1.94 -0.23	38.89 2.64 -0.07	43.83 3.26 0.00	41.73 3.12 0.00	46.01 3.43 0.00	64.09 4.78 0.00	36.44 2.51 0.00	43.20 2.93 0.00	37.84 2.40 0.00	34.44 2.16 0.00	33.86 1.83 0.00
MODEL_CITY_ENERGY 24167	27.76 0.94 0.00	20.96 0.77 0.00	17.53 0.56 0.00	16.13 0.41 0.00	14.67 0.18 0.00	16.14 0.19 0.00	19.08 0.35 0.00	19.56 0.14 0.00	27.64 0.79 0.00	30.15 0.67 0.00	30.39 0.17 0.00	26.96 -0.40 0.00	26.79 -0.50 0.00	26.43 -0.84 0.00	34.79 -1.39 0.00	38.25 -2.32 0.00	36.51 -2.10 0.00	40.00 -2.58 0.00	54.88 -4.43 0.00	31.60 -2.33 0.00	38.08 -2.19 0.00	33.64 -1.79 0.00	31.48 -0.79 0.00	31.47 -0.56 0.00
MODERN_LFGE__ 323580	27.76 0.94 0.00	20.96 0.77 0.00	17.53 0.56 0.00	16.13 0.41 0.00	14.67 0.18 0.00	16.14 0.19 0.00	19.08 0.35 0.00	19.56 0.14 0.00	27.64 0.79 0.00	30.15 0.67 0.00	30.39 0.17 0.00	26.96 -0.40 0.00	26.79 -0.50 0.00	26.43 -0.84 0.00	34.79 -1.39 0.00	38.25 -2.32 0.00	36.51 -2.10 0.00	40.00 -2.58 0.00	54.88 -4.43 0.00	31.60 -2.33 0.00	38.08 -2.19 0.00	33.64 -1.79 0.00	31.48 -0.79 0.00	31.47 -0.56 0.00
MOHAWK_PAPER__DRP 24187	27.26 0.43 0.00	20.52 0.33 0.00	17.27 0.30 0.00	16.02 0.30 0.00	14.78 0.29 0.00	16.27 0.32 0.00	19.05 0.33 0.00	19.84 0.42 0.00	27.21 0.48 0.13	29.38 0.60 0.70	30.80 0.58 0.00	27.99 0.62 0.00	27.95 0.67 0.00	27.80 0.77 0.24	37.25 1.14 0.07	41.99 1.42 0.00	39.95 1.34 0.00	44.07 1.49 0.00	61.59 2.27 0.00	35.24 1.31 0.00	41.94 1.67 0.00	36.73 1.30 0.00	33.46 1.18 0.00	33.06 1.03 0.00
MOHICAN__35_KV_115KV_LD 80490	28.08 1.25 0.00	20.96 0.77 0.00	17.53 0.56 0.00	16.28 0.56 0.00	15.01 0.52 0.00	16.55 0.61 0.00	19.46 0.74 0.00	20.17 0.75 0.00	27.64 0.92 0.13	29.87 1.10 0.71	31.20 0.98 0.00	28.38 1.01 0.00	28.39 1.11 0.00	28.09 1.07 0.24	37.88 1.77 0.07	42.80 2.23 0.00	40.70 2.09 0.00	44.86 2.29 0.00	62.75 3.44 0.00	36.05 2.12 0.00	42.96 2.69 0.00	37.50 2.07 0.00	34.03 1.75 0.00	33.57 1.54 0.00
MONGAUP__HYD 23641	27.75 0.93 0.00	20.77 0.59 0.00	17.42 0.45 0.00	16.13 0.41 0.00	14.93 0.43 0.00	16.38 0.43 0.00	19.25 0.53 0.00	19.99 0.56 0.00	27.75 0.79 -0.10	30.91 0.89 -0.54	31.20 0.98 0.00	28.13 0.76 0.00	28.27 0.99 0.00	28.51 1.05 -0.19	37.64 1.41 -0.06	42.31 1.74 0.00	40.33 1.72 0.00	44.68 2.10 0.00	62.47 3.16 0.00	35.64 1.71 0.00	42.39 2.12 0.00	37.45 2.02 0.00	34.17 1.89 0.00	33.75 1.73 0.00
MONTAUK__DIESEL 23721	30.40 3.57 0.00	23.85 2.90 -0.77	19.22 2.25 0.00	17.78 2.06 0.00	16.35 1.86 0.00	18.10 2.16 0.00	20.95 2.23 0.00	21.69 2.26 0.00	30.39 3.41 -0.13	34.27 4.13 -0.66	36.89 4.94 -1.74	37.91 4.88 -5.66	132.35 4.63 -100.43	192.50 4.64 -160.59	119.72 6.24 -77.30	472.01 7.46 -423.98	329.49 7.09 -283.79	379.23 7.56 -329.09	376.64 10.48 -306.84	154.67 5.96 -114.77	69.17 6.88 -22.02	41.29 5.57 -0.28	38.14 5.48 -0.38	37.01 4.98 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.34 1.52 0.00	21.38 1.20 0.00	17.89 0.92 0.00	16.52 0.79 0.00	15.12 0.63 0.00	16.66 0.72 0.00	19.77 1.05 0.00	20.55 1.12 0.00	29.06 2.20 0.00	31.89 2.41 0.00	32.46 2.24 0.00	28.83 1.46 0.00	28.86 1.57 0.00	28.56 1.29 0.00	37.89 1.71 0.00	41.28 0.71 0.00	39.26 0.65 0.00	43.09 0.51 0.00	59.10 -0.22 0.00	33.83 -0.10 0.00	40.42 0.14 0.00	35.49 0.05 0.00	32.73 0.46 0.00	32.34 0.31 0.00
MORTIMER_115KV_TB3 55949	27.82 1.00 0.00	20.96 0.78 0.00	17.56 0.59 0.00	16.20 0.48 0.00	14.82 0.33 0.00	16.33 0.38 0.00	19.23 0.51 0.00	19.86 0.44 0.00	27.81 0.95 0.00	30.53 1.06 0.00	31.06 0.85 0.00	27.77 0.40 0.00	27.60 0.32 0.00	27.39 0.12 0.00	36.22 0.04 0.00	40.28 -0.29 0.00	38.39 -0.22 0.00	42.23 -0.35 0.00	58.48 -0.84 0.00	33.48 -0.45 0.00	40.02 -0.25 0.00	35.21 -0.22 0.00	32.41 0.13 0.00	32.20 0.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	27.94 1.12 0.00	21.02 0.84 0.00	17.61 0.64 0.00	16.31 0.58 0.00	15.08 0.59 0.00	16.60 0.65 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.31 1.32 -0.12	31.75 1.60 -0.66	32.12 1.91 0.00	29.28 1.91 0.00	29.29 2.00 0.00	29.61 2.11 -0.23	39.09 2.84 -0.07	44.06 3.48 0.00	41.91 3.30 0.00	46.20 3.62 0.00	64.28 4.96 0.00	36.52 2.59 0.00	43.31 3.04 0.00	37.98 2.54 0.00	34.59 2.31 0.00	34.00 1.98 0.00
MUNSVILLE_WIND_PWR 323609	29.02 2.19 0.00	21.72 1.54 0.00	18.20 1.23 0.00	16.86 1.13 0.00	15.56 1.06 0.00	17.15 1.20 0.00	20.48 1.76 0.00	21.41 1.99 0.00	29.76 2.90 0.00	32.38 2.90 0.00	33.37 3.16 0.00	30.01 2.65 0.00	29.86 2.57 0.00	29.63 2.36 0.00	39.04 2.86 0.00	43.65 3.08 0.00	41.89 3.28 0.00	46.27 3.69 0.00	64.44 5.13 0.00	36.97 3.04 0.00	44.06 3.80 0.00	38.57 3.14 0.00	34.90 2.62 0.00	34.37 2.34 0.00
N SALMON__HYD 24042	23.29 -3.53 0.00	17.86 -2.32 0.00	15.06 -1.91 0.00	14.13 -1.60 0.00	12.92 -1.57 0.00	14.60 -1.35 0.00	17.39 -1.33 0.00	18.18 -1.24 0.00	25.63 -1.23 0.00	27.50 -1.98 0.00	27.78 -2.43 0.00	25.38 -1.99 0.00	25.15 -2.13 0.00	24.85 -2.42 0.00	33.05 -3.14 0.00	40.57 0.00 0.00	39.30 0.70 0.00	43.42 0.84 0.00	60.45 1.14 0.00	34.74 0.81 0.00	41.06 0.79 0.00	36.08 0.65 0.00	32.67 0.39 0.00	32.34 0.32 0.00
N.AKRON__115KV_KNAPP 355671	28.40 1.58 0.00	21.39 1.21 0.00	17.90 0.93 0.00	16.47 0.74 0.00	15.01 0.52 0.00	16.50 0.56 0.00	19.56 0.84 0.00	20.13 0.70 0.00	28.43 1.58 0.00	31.12 1.64 0.00	31.40 1.19 0.00	27.88 0.51 0.00	27.66 0.38 0.00	27.29 0.01 0.00	35.90 -0.29 0.00	39.56 -1.02 0.00	37.78 -0.83 0.00	41.41 -1.17 0.00	56.97 -2.34 0.00	32.76 -1.16 0.00	39.46 -0.81 0.00	34.79 -0.65 0.00	32.43 0.15 0.00	32.28 0.26 0.00
N.BELMOR_69_KV_BK1 55787	28.49 1.66 0.00	22.24 1.29 -0.77	17.92 0.95 0.00	16.59 0.87 0.00	15.32 0.83 0.00	16.89 0.94 0.00	19.75 1.03 0.00	20.52 1.09 0.00	28.53 1.55 -0.13	31.98 1.83 -0.66	34.36 2.41 -1.74	34.73 2.41 -4.95	36.96 2.47 -7.21	45.79 2.53 -15.99	43.59 3.31 -4.10	55.37 4.06 -10.74	52.20 3.86 -9.73	46.74 4.16 0.00	89.52 5.85 -24.35	37.74 3.11 -0.70	43.91 3.64 0.00	38.78 3.08 -0.27	35.53 2.88 -0.38	34.53 2.51 0.00
N.E._GEN_SANDY PD 24062	27.33 0.51 0.00	20.57 0.39 0.00	17.34 0.37 0.00	16.25 0.37 -0.15	14.84 0.35 0.01	16.34 0.39 0.00	19.11 0.39 0.00	19.89 0.47 0.00	25.81 0.51 1.56	25.19 0.66 4.95	30.79 0.70 0.12	28.14 0.77 0.00	28.06 0.77 0.00	27.36 0.87 0.79	37.31 1.34 0.21	42.29 1.72 0.00	40.27 1.66 0.00	44.43 1.85 0.00	62.19 2.88 0.00	35.55 1.62 0.00	42.29 2.02 0.00	37.10 1.58 -0.08	32.58 1.45 1.14	32.08 1.23 1.18

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.67 0.84 0.00	20.79 0.61 0.00	17.42 0.45 0.00	16.13 0.41 0.00	14.91 0.42 0.00	16.42 0.47 0.00	19.32 0.60 0.00	20.15 0.72 0.00	27.98 1.01 -0.11	31.37 1.28 -0.61	31.76 1.55 0.00	28.95 1.58 0.00	28.98 1.70 0.00	29.29 1.80 -0.21	38.71 2.47 -0.06	43.61 3.03 0.00	41.54 2.93 0.00	45.81 3.23 0.00	63.81 4.50 0.00	36.26 2.33 0.00	42.95 2.68 0.00	37.63 2.20 0.00	34.24 1.97 0.00	33.65 1.62 0.00
N.QUEENS_27_KV_LOAD 356247	28.06 1.23 0.00	21.15 0.96 0.00	17.70 0.74 0.00	16.39 0.66 0.00	15.15 0.66 0.00	16.67 0.72 0.00	19.60 0.88 0.00	20.45 1.03 0.00	28.41 1.42 -0.12	31.83 1.69 -0.66	32.25 2.03 0.00	29.42 2.05 0.00	29.43 2.15 0.00	29.75 2.25 -0.23	39.20 2.95 -0.07	44.24 3.67 0.00	42.11 3.51 0.00	46.40 3.82 0.00	64.52 5.20 0.00	36.68 2.75 0.00	43.49 3.22 0.00	38.16 2.73 0.00	34.75 2.47 0.00	34.17 2.14 0.00
N.TROY___115KV_TB1 355778	27.39 0.57 0.00	20.61 0.43 0.00	17.35 0.38 0.00	16.11 0.38 0.00	14.85 0.35 0.00	16.35 0.40 0.00	19.14 0.42 0.00	19.92 0.49 0.00	27.23 0.54 0.17	29.24 0.67 0.90	30.83 0.61 0.00	28.04 0.67 0.00	27.96 0.68 0.00	27.72 0.76 0.31	37.33 1.24 0.09	42.07 1.49 0.00	40.03 1.41 0.00	44.16 1.58 0.00	61.81 2.49 0.00	35.41 1.48 0.00	42.20 1.93 0.00	36.91 1.48 0.00	33.63 1.35 0.00	33.23 1.20 0.00
NARROWS_GT1_1 24228	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT1_2 24229	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT1_3 24230	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT1_4 24231	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT1_5 24232	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT1_6 24233	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT1_7 24234	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT1_8 24235	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT2_1 24236	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT2_2 24237	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT2_3 24238	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT2_4 24239	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00

NARROWS_GT2_5 24240	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT2_6 24241	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT2_7 24242	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NARROWS_GT2_8 24243	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.28 3.03 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.42 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.43 3.15 0.00	38.13 2.70 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.61 0.79 0.00	20.79 0.61 0.00	17.49 0.51 0.00	16.23 0.51 0.00	14.97 0.47 0.00	16.50 0.55 0.00	19.34 0.63 0.00	20.20 0.78 0.00	27.78 0.97 0.05	30.12 0.92 0.28	30.89 0.68 0.00	27.95 0.58 0.00	27.89 0.61 0.00	27.83 0.65 0.10	37.38 1.23 0.03	41.76 1.18 0.00	39.67 1.06 0.00	43.93 1.34 0.00	61.72 2.41 0.00	35.47 1.54 0.00	42.37 2.10 0.00	37.08 1.65 0.00	33.77 1.49 0.00	33.46 1.43 0.00
NCHELSEA_115KV_TR2 355582	27.99 1.17 0.00	21.03 0.85 0.00	17.65 0.68 0.00	16.35 0.62 0.00	15.09 0.60 0.00	16.61 0.67 0.00	19.52 0.80 0.00	20.36 0.93 0.00	28.26 1.30 -0.10	31.58 1.58 -0.52	32.05 1.83 0.00	29.20 1.83 0.00	29.24 1.95 0.00	29.54 2.08 -0.18	39.06 2.83 -0.05	44.05 3.47 0.00	41.97 3.36 0.00	46.26 3.68 0.00	64.46 5.15 0.00	36.68 2.75 0.00	43.50 3.23 0.00	38.08 2.64 0.00	34.63 2.35 0.00	34.03 2.01 0.00
NEG CAPITAL___MECHNVIL 23645	27.85 1.03 0.00	20.90 0.72 0.00	17.57 0.60 0.00	16.29 0.57 0.00	15.03 0.53 0.00	16.55 0.60 0.00	19.42 0.70 0.00	20.22 0.79 0.00	27.70 0.99 0.15	29.85 1.16 0.79	31.36 1.15 0.00	28.50 1.13 0.00	28.49 1.20 0.00	28.25 1.25 0.27	38.00 1.90 0.08	42.87 2.29 0.00	40.76 2.15 0.00	44.94 2.36 0.00	62.83 3.51 0.00	36.00 2.07 0.00	42.85 2.58 0.00	37.45 2.01 0.00	34.06 1.78 0.00	33.60 1.57 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.26 0.43 0.00	20.52 0.34 0.00	17.20 0.23 0.00	15.87 0.15 0.00	14.55 0.06 0.00	16.03 0.08 0.00	18.92 0.20 0.00	19.56 0.14 0.00	27.30 0.44 0.00	29.99 0.51 0.00	30.57 0.36 0.00	27.38 0.01 0.00	27.22 -0.07 0.00	27.05 -0.23 0.00	35.78 -0.40 0.00	39.86 -0.72 0.00	38.00 -0.61 0.00	41.82 -0.76 0.00	57.99 -1.32 0.00	33.17 -0.76 0.00	39.56 -0.71 0.00	34.77 -0.67 0.00	31.89 -0.39 0.00	31.69 -0.34 0.00
NEG CENTRAL___DRP 24199	27.59 0.76 0.00	20.74 0.56 0.00	17.40 0.43 0.00	16.09 0.36 0.00	14.82 0.33 0.00	16.32 0.37 0.00	19.30 0.58 0.00	20.03 0.60 0.00	27.81 0.95 0.00	30.51 1.03 0.00	31.30 1.09 0.00	28.13 0.76 0.00	27.93 0.64 0.00	27.81 0.54 0.00	36.72 0.54 0.00	41.04 0.46 0.00	39.08 0.47 0.00	43.07 0.49 0.00	59.82 0.50 0.00	34.20 0.27 0.00	40.75 0.49 0.00	35.80 0.36 0.00	32.63 0.35 0.00	32.38 0.36 0.00
NEG CENTRAL___INDECK 23768	28.83 2.00 0.00	21.63 1.45 0.00	18.11 1.14 0.00	16.71 0.99 0.00	15.28 0.79 0.00	16.90 0.95 0.00	20.06 1.34 0.00	20.78 1.36 0.00	29.06 2.20 0.00	31.46 1.98 0.00	31.75 1.54 0.00	27.99 0.62 0.00	27.48 0.19 0.00	27.26 -0.01 0.00	35.87 -0.31 0.00	39.88 -0.69 0.00	38.00 -0.60 0.00	41.85 -0.73 0.00	58.28 -1.04 0.00	33.73 -0.20 0.00	40.51 0.24 0.00	36.48 1.05 0.00	33.78 1.50 0.00	33.43 1.41 0.00
NEG CENTRAL___SENECA 23627	27.78 0.96 0.00	20.87 0.68 0.00	17.48 0.51 0.00	16.16 0.43 0.00	14.88 0.39 0.00	16.40 0.45 0.00	19.46 0.74 0.00	20.22 0.79 0.00	28.13 1.27 0.00	30.82 1.34 0.00	31.61 1.40 0.00	28.38 1.01 0.00	28.15 0.86 0.00	27.99 0.71 0.00	36.97 0.79 0.00	41.27 0.70 0.00	39.32 0.72 0.00	43.35 0.77 0.00	60.11 0.80 0.00	34.36 0.43 0.00	40.99 0.72 0.00	35.99 0.55 0.00	32.83 0.55 0.00	32.54 0.51 0.00
NEG CENTRAL___STATE_STREET 24147	27.64 0.81 0.00	20.89 0.71 0.00	17.56 0.60 0.00	16.23 0.51 0.00	14.92 0.43 0.00	16.46 0.52 0.00	19.29 0.56 0.00	20.02 0.59 0.00	27.70 0.84 0.00	30.46 0.98 0.00	31.26 1.04 0.00	28.07 0.70 0.00	27.97 0.69 0.00	27.94 0.67 0.00	36.81 0.63 0.00	41.18 0.60 0.00	39.19 0.58 0.00	43.21 0.63 0.00	60.09 0.77 0.00	34.49 0.56 0.00	41.03 0.76 0.00	36.01 0.57 0.00	32.70 0.42 0.00	32.55 0.53 0.00
NEG MILLWOOD___DRP 24198	28.04 1.21 0.00	21.07 0.89 0.00	17.68 0.71 0.00	16.37 0.65 0.00	15.12 0.62 0.00	16.65 0.70 0.00	19.56 0.84 0.00	20.40 0.98 0.00	28.37 1.40 -0.11	31.79 1.71 -0.61	32.21 2.00 0.00	29.35 1.98 0.00	29.39 2.11 0.00	29.73 2.25 -0.21	39.32 3.08 -0.06	44.31 3.74 0.00	42.23 3.62 0.00	46.51 3.93 0.00	64.76 5.45 0.00	36.84 2.91 0.00	43.68 3.41 0.00	38.23 2.80 0.00	34.75 2.48 0.00	34.14 2.11 0.00
NEG NORTH_FLCN_SEA 23793	23.37 -3.45 0.00	18.01 -2.18 0.00	15.19 -1.78 0.00	14.28 -1.45 0.00	13.05 -1.45 0.00	14.75 -1.20 0.00	17.54 -1.19 0.00	18.32 -1.11 0.00	25.87 -0.99 0.00	27.92 -1.55 0.00	28.20 -2.02 0.00	25.77 -1.60 0.00	25.51 -1.77 0.00	25.26 -2.02 0.00	33.63 -2.55 0.00	41.23 0.66 0.00	40.06 1.45 0.00	44.23 1.66 0.00	61.37 2.05 0.00	35.29 1.36 0.00	41.71 1.44 0.00	36.53 1.10 0.00	33.17 0.89 0.00	32.94 0.91 0.00
NEG NORTH_KES_CHATEGAY 23792	23.15 -3.67 0.00	17.81 -2.38 0.00	15.01 -1.96 0.00	14.11 -1.61 0.00	12.88 -1.61 0.00	14.58 -1.36 0.00	17.34 -1.38 0.00	18.11 -1.31 0.00	25.55 -1.31 0.00	27.43 -2.04 0.00	27.75 -2.46 0.00	25.35 -2.01 0.00	25.13 -2.15 0.00	24.85 -2.43 0.00	33.05 -3.13 0.00	40.67 0.10 0.00	39.44 0.83 0.00	43.57 0.99 0.00	60.58 1.26 0.00	34.85 0.92 0.00	41.17 0.90 0.00	36.17 0.73 0.00	32.81 0.53 0.00	32.53 0.51 0.00



NEG NORTH___ALICE_FALLS 23915	23.36 -3.46 0.00	17.97 -2.21 0.00	15.16 -1.81 0.00	14.25 -1.47 0.00	13.02 -1.47 0.00	14.72 -1.23 0.00	17.52 -1.21 0.00	18.31 -1.11 0.00	25.88 -0.98 0.00	27.91 -1.57 0.00	28.18 -2.03 0.00	25.73 -1.64 0.00	25.46 -1.82 0.00	25.21 -2.06 0.00	33.55 -2.63 0.00	41.15 0.57 0.00	39.98 1.37 0.00	44.20 1.62 0.00	61.41 2.10 0.00	35.32 1.39 0.00	41.75 1.48 0.00	36.56 1.13 0.00	33.17 0.89 0.00	32.91 0.88 0.00
NEG NORTH___LWR_SARANAC 23913	23.36 -3.46 0.00	17.97 -2.21 0.00	15.16 -1.81 0.00	14.25 -1.47 0.00	13.02 -1.47 0.00	14.72 -1.23 0.00	17.52 -1.21 0.00	18.31 -1.11 0.00	25.88 -0.98 0.00	27.91 -1.57 0.00	28.18 -2.03 0.00	25.73 -1.64 0.00	25.46 -1.82 0.00	25.21 -2.06 0.00	33.55 -2.63 0.00	41.15 0.57 0.00	39.98 1.37 0.00	44.20 1.62 0.00	61.41 2.10 0.00	35.32 1.39 0.00	41.75 1.48 0.00	36.56 1.13 0.00	33.17 0.89 0.00	32.91 0.88 0.00
NEG NORTH___PLATTSBURG 23628	23.36 -3.46 0.00	17.97 -2.21 0.00	15.16 -1.81 0.00	14.25 -1.47 0.00	13.04 -1.46 0.00	14.72 -1.23 0.00	17.52 -1.20 0.00	18.31 -1.11 0.00	25.88 -0.98 0.00	27.91 -1.57 0.00	28.18 -2.03 0.00	25.73 -1.64 0.00	25.46 -1.82 0.00	25.21 -2.06 0.00	33.55 -2.63 0.00	41.15 0.57 0.00	39.98 1.37 0.00	44.20 1.62 0.00	61.41 2.10 0.00	35.32 1.39 0.00	41.75 1.48 0.00	36.56 1.13 0.00	33.17 0.89 0.00	32.91 0.88 0.00
NEG WEST_LEA_LOCKPORT 23791	28.01 1.18 0.00	21.12 0.94 0.00	17.67 0.70 0.00	16.26 0.54 0.00	14.81 0.32 0.00	16.28 0.33 0.00	19.26 0.54 0.00	19.77 0.34 0.00	27.95 1.09 0.00	30.53 1.05 0.00	30.81 0.60 0.00	27.32 -0.05 0.00	27.14 -0.14 0.00	26.77 -0.50 0.00	35.28 -0.90 0.00	38.82 -1.76 0.00	37.04 -1.57 0.00	40.59 -1.99 0.00	55.74 -3.58 0.00	32.05 -1.88 0.00	38.64 -1.63 0.00	34.11 -1.33 0.00	31.89 -0.38 0.00	31.77 -0.25 0.00
NEG WEST___LANCASTR 23811	28.27 1.45 0.00	21.25 1.07 0.00	17.79 0.82 0.00	16.40 0.68 0.00	14.99 0.50 0.00	16.49 0.54 0.00	19.53 0.81 0.00	20.18 0.75 0.00	28.48 1.62 0.00	31.21 1.73 0.00	31.63 1.42 0.00	28.06 0.69 0.00	28.00 0.71 0.00	27.65 0.38 0.00	36.42 0.24 0.00	40.27 -0.30 0.00	38.42 -0.19 0.00	42.14 -0.44 0.00	57.72 -1.60 0.00	33.05 -0.88 0.00	39.71 -0.56 0.00	35.06 -0.37 0.00	32.52 0.24 0.00	32.22 0.19 0.00
NEG_PENN_ALLEGHNY 23528	27.49 0.67 0.00	20.65 0.46 0.00	17.32 0.35 0.00	16.04 0.31 0.00	14.78 0.29 0.00	16.28 0.33 0.00	19.20 0.48 0.00	19.98 0.56 0.00	27.79 0.93 0.00	30.44 0.97 0.00	31.23 1.02 0.00	28.18 0.81 0.00	28.13 0.84 0.00	28.07 0.80 0.00	37.19 1.01 0.00	41.64 1.06 0.00	39.62 1.01 0.00	43.67 1.09 0.00	60.44 1.12 0.00	34.51 0.58 0.00	41.11 0.84 0.00	36.12 0.69 0.00	32.90 0.62 0.00	32.55 0.53 0.00
NEG___GEN_MONROE 24207	28.28 1.46 0.00	21.27 1.08 0.00	17.82 0.85 0.00	16.40 0.68 0.00	15.01 0.52 0.00	16.56 0.61 0.00	19.54 0.82 0.00	20.17 0.75 0.00	28.27 1.41 0.00	31.19 1.72 0.00	31.50 1.28 0.00	28.14 0.77 0.00	27.89 0.61 0.00	27.60 0.33 0.00	36.44 0.25 0.00	40.44 -0.13 0.00	38.59 -0.02 0.00	42.44 -0.13 0.00	58.77 -0.55 0.00	33.67 -0.26 0.00	40.29 0.02 0.00	35.46 0.02 0.00	32.67 0.39 0.00	32.44 0.41 0.00
NEPA___ENERGY 23901	27.98 1.15 0.00	21.04 0.86 0.00	17.61 0.64 0.00	16.26 0.53 0.00	14.92 0.42 0.00	16.43 0.48 0.00	19.46 0.74 0.00	20.23 0.80 0.00	28.48 1.63 0.00	31.15 1.68 0.00	31.76 1.55 0.00	28.29 0.92 0.00	28.30 1.01 0.00	28.08 0.80 0.00	36.93 0.75 0.00	40.43 -0.15 0.00	38.54 -0.07 0.00	42.32 -0.26 0.00	57.97 -1.35 0.00	33.06 -0.87 0.00	39.60 -0.68 0.00	34.95 -0.48 0.00	32.16 -0.12 0.00	31.77 -0.25 0.00
NEVERSINK___HYD 23608	27.76 0.94 0.00	20.80 0.62 0.00	17.44 0.47 0.00	16.14 0.42 0.00	14.92 0.43 0.00	16.42 0.47 0.00	19.35 0.63 0.00	20.19 0.77 0.00	28.16 1.24 -0.07	31.31 1.49 -0.35	32.00 1.79 0.00	28.89 1.53 0.00	28.99 1.71 0.00	29.15 1.75 -0.12	38.38 2.17 -0.04	43.36 2.79 0.00	41.37 2.76 0.00	45.77 3.19 0.00	63.91 4.60 0.00	36.38 2.45 0.00	43.11 2.84 0.00	37.73 2.30 0.00	34.25 1.97 0.00	33.62 1.60 0.00
NEWKRMKL_115KV_TB1 55635	26.99 0.16 0.00	20.31 0.13 0.00	17.10 0.12 0.00	15.86 0.14 0.00	14.64 0.14 0.00	16.10 0.16 0.00	18.87 0.15 0.00	19.66 0.23 0.00	26.96 0.22 0.12	29.15 0.31 0.63	30.50 0.29 0.00	27.72 0.35 0.00	27.66 0.37 0.00	27.51 0.46 0.22	36.85 0.73 0.07	41.50 0.93 0.00	39.47 0.86 0.00	43.54 0.96 0.00	60.84 1.53 0.00	34.80 0.87 0.00	41.41 1.14 0.00	36.27 0.84 0.00	33.05 0.77 0.00	32.69 0.66 0.00
NEWTON___FALLS_HYD 23847	23.97 -2.86 0.00	18.23 -1.95 0.00	15.41 -1.56 0.00	14.40 -1.32 0.00	13.28 -1.22 0.00	14.83 -1.12 0.00	17.62 -1.11 0.00	18.32 -1.11 0.00	25.55 -1.31 0.00	27.57 -1.91 0.00	27.93 -2.28 0.00	25.32 -2.05 0.00	25.12 -2.17 0.00	24.86 -2.42 0.00	32.91 -3.27 0.00	38.90 -1.68 0.00	37.34 -1.27 0.00	41.15 -1.43 0.00	57.73 -1.59 0.00	33.14 -0.79 0.00	39.24 -1.03 0.00	34.53 -0.90 0.00	31.20 -1.08 0.00	30.79 -1.23 0.00
NGRID_A1_DSASP 323792	27.54 0.71 0.00	20.81 0.62 0.00	17.40 0.43 0.00	16.02 0.29 0.00	14.55 0.06 0.00	16.01 0.06 0.00	18.90 0.18 0.00	19.36 -0.06 0.00	27.36 0.50 0.00	29.91 0.43 0.00	30.20 -0.02 0.00	26.77 -0.60 0.00	26.61 -0.68 0.00	26.24 -1.03 0.00	34.58 -1.60 0.00	38.03 -2.55 0.00	36.29 -2.32 0.00	39.75 -2.84 0.00	54.46 -4.85 0.00	31.36 -2.57 0.00	37.84 -2.43 0.00	33.43 -2.01 0.00	31.31 -0.97 0.00	31.20 -0.83 0.00
NGRID_A2_DSASP 323793	27.54 0.71 0.00	20.81 0.62 0.00	17.40 0.43 0.00	16.02 0.29 0.00	14.55 0.06 0.00	16.01 0.06 0.00	18.90 0.18 0.00	19.36 -0.06 0.00	27.36 0.50 0.00	29.91 0.43 0.00	30.20 -0.02 0.00	26.77 -0.60 0.00	26.61 -0.68 0.00	26.24 -1.03 0.00	34.58 -1.60 0.00	38.03 -2.55 0.00	36.29 -2.32 0.00	39.75 -2.84 0.00	54.46 -4.85 0.00	31.36 -2.57 0.00	37.84 -2.43 0.00	33.43 -2.01 0.00	31.31 -0.97 0.00	31.20 -0.83 0.00
NGRID_A4_DSASP 323807	27.54 0.71 0.00	20.79 0.61 0.00	17.40 0.43 0.00	16.01 0.29 0.00	14.57 0.08 0.00	16.01 0.06 0.00	18.90 0.18 0.00	19.36 -0.06 0.00	27.36 0.50 0.00	29.91 0.43 0.00	30.20 -0.01 0.00	26.77 -0.60 0.00	26.60 -0.69 0.00	26.24 -1.04 0.00	34.58 -1.60 0.00	38.01 -2.56 0.00	36.28 -2.33 0.00	39.73 -2.85 0.00	54.47 -4.85 0.00	31.36 -2.57 0.00	37.85 -2.42 0.00	33.43 -2.00 0.00	31.34 -0.94 0.00	31.20 -0.82 0.00
NIAGARA_115E_LBMP 323715	27.61 0.79 0.00	20.86 0.68 0.00	17.45 0.48 0.00	16.05 0.33 0.00	14.60 0.11 0.00	16.06 0.11 0.00	18.98 0.25 0.00	19.44 0.02 0.00	27.47 0.61 0.00	29.93 0.45 0.00	30.15 -0.06 0.00	26.75 -0.62 0.00	26.59 -0.70 0.00	26.22 -1.05 0.00	34.50 -1.68 0.00	37.93 -2.65 0.00	36.20 -2.41 0.00	39.64 -2.94 0.00	54.39 -4.93 0.00	31.33 -2.60 0.00	37.76 -2.51 0.00	33.36 -2.07 0.00	31.26 -1.01 0.00	31.29 -0.74 0.00

NIAGARA_115W_LBMP 323714	27.47 0.64 0.00	20.75 0.57 0.00	17.36 0.39 0.00	15.98 0.26 0.00	14.52 0.03 0.00	15.97 0.02 0.00	18.86 0.14 0.00	19.32 -0.11 0.00	27.28 0.42 0.00	29.83 0.35 0.00	30.12 -0.09 0.00	26.71 -0.66 0.00	26.54 -0.74 0.00	26.18 -1.09 0.00	34.51 -1.68 0.00	37.92 -2.66 0.00	36.21 -2.40 0.00	39.65 -2.93 0.00	54.32 -5.00 0.00	31.28 -2.65 0.00	37.75 -2.52 0.00	33.35 -2.08 0.00	31.24 -1.04 0.00	31.13 -0.90 0.00
NIAGARA_230_LBMP 323716	27.60 0.77 0.00	20.84 0.66 0.00	17.44 0.47 0.00	16.05 0.33 0.00	14.60 0.11 0.00	16.05 0.11 0.00	18.97 0.25 0.00	19.45 0.03 0.00	27.48 0.62 0.00	30.05 0.57 0.00	30.34 0.12 0.00	26.90 -0.47 0.00	26.76 -0.53 0.00	26.41 -0.86 0.00	34.82 -1.36 0.00	38.33 -2.25 0.00	36.58 -2.03 0.00	40.06 -2.53 0.00	55.00 -4.32 0.00	31.62 -2.31 0.00	38.10 -2.18 0.00	33.66 -1.77 0.00	31.45 -0.83 0.00	31.35 -0.68 0.00
NIAGARA__115KV_198_GIBSON 55903	27.47 0.65 0.00	20.74 0.56 0.00	17.36 0.39 0.00	15.98 0.26 0.00	14.54 0.05 0.00	15.97 0.02 0.00	18.86 0.14 0.00	19.32 -0.11 0.00	27.29 0.43 0.00	29.83 0.35 0.00	30.12 -0.09 0.00	26.70 -0.67 0.00	26.53 -0.75 0.00	26.17 -1.11 0.00	34.50 -1.68 0.00	37.92 -2.66 0.00	36.20 -2.41 0.00	39.64 -2.94 0.00	54.34 -4.98 0.00	31.29 -2.64 0.00	37.76 -2.52 0.00	33.35 -2.08 0.00	31.27 -1.01 0.00	31.13 -0.90 0.00
NIAGARA____ 23760	27.60 0.77 0.00	20.84 0.66 0.00	17.44 0.47 0.00	16.05 0.33 0.00	14.60 0.11 0.00	16.05 0.11 0.00	18.97 0.25 0.00	19.45 0.03 0.00	27.48 0.62 0.00	30.05 0.57 0.00	30.34 0.12 0.00	26.90 -0.47 0.00	26.76 -0.53 0.00	26.41 -0.86 0.00	34.82 -1.36 0.00	38.33 -2.25 0.00	36.58 -2.03 0.00	40.06 -2.53 0.00	55.00 -4.32 0.00	31.62 -2.31 0.00	38.10 -2.18 0.00	33.66 -1.77 0.00	31.45 -0.83 0.00	31.35 -0.68 0.00
NINE_MILE_1 23575	26.40 -0.43 0.00	19.86 -0.32 0.00	16.69 -0.28 0.00	15.45 -0.27 0.00	14.22 -0.27 0.00	15.65 -0.30 0.00	18.35 -0.37 0.00	18.97 -0.46 0.00	26.23 -0.63 0.00	28.77 -0.70 0.00	29.45 -0.76 0.00	26.60 -0.76 0.00	26.50 -0.79 0.00	26.44 -0.83 0.00	35.04 -1.14 0.00	39.28 -1.29 0.00	37.37 -1.23 0.00	41.20 -1.38 0.00	57.35 -1.96 0.00	32.81 -1.12 0.00	39.01 -1.26 0.00	34.31 -1.12 0.00	31.34 -0.94 0.00	31.27 -0.76 0.00
NINE_MILE_2 23744	26.40 -0.43 0.00	19.86 -0.32 0.00	16.69 -0.28 0.00	15.45 -0.27 0.00	14.23 -0.27 0.00	15.65 -0.30 0.00	18.35 -0.37 0.00	18.97 -0.45 0.00	26.23 -0.63 0.00	28.77 -0.70 0.00	29.45 -0.76 0.00	26.60 -0.76 0.00	26.50 -0.79 0.00	26.44 -0.83 0.00	35.04 -1.14 0.00	39.28 -1.29 0.00	37.37 -1.23 0.00	41.21 -1.37 0.00	57.35 -1.96 0.00	32.81 -1.12 0.00	39.01 -1.26 0.00	34.31 -1.12 0.00	31.34 -0.94 0.00	31.27 -0.76 0.00
NM_CAPITAL____DRP 24208	27.02 0.19 0.00	20.35 0.16 0.00	17.13 0.16 0.00	15.89 0.17 0.00	14.67 0.18 0.00	16.14 0.19 0.00	18.89 0.18 0.00	19.68 0.26 0.00	26.97 0.24 0.13	29.11 0.32 0.69	30.51 0.30 0.00	27.73 0.36 0.00	27.66 0.37 0.00	27.50 0.46 0.24	36.87 0.76 0.07	41.54 0.96 0.00	39.49 0.88 0.00	43.56 0.98 0.00	60.92 1.60 0.00	34.86 0.93 0.00	41.49 1.22 0.00	36.34 0.91 0.00	33.12 0.84 0.00	32.75 0.72 0.00
NM_CENTRAL____DRP 24181	27.04 0.21 0.00	20.32 0.13 0.00	17.06 0.09 0.00	15.79 0.07 0.00	14.55 0.06 0.00	16.01 0.06 0.00	18.82 0.10 0.00	19.48 0.06 0.00	26.96 0.10 0.00	29.56 0.09 0.00	30.28 0.07 0.00	27.35 -0.02 0.00	27.22 -0.06 0.00	27.15 -0.12 0.00	35.99 -0.19 0.00	40.29 -0.29 0.00	38.33 -0.28 0.00	42.23 -0.34 0.00	58.73 -0.59 0.00	33.57 -0.36 0.00	39.94 -0.33 0.00	35.08 -0.35 0.00	32.02 -0.25 0.00	31.89 -0.14 0.00
NM_FRONTIER____DRP 24179	27.47 0.65 0.00	20.74 0.56 0.00	17.36 0.39 0.00	15.98 0.26 0.00	14.54 0.05 0.00	15.97 0.02 0.00	18.86 0.14 0.00	19.32 -0.11 0.00	27.29 0.43 0.00	29.83 0.35 0.00	30.12 -0.09 0.00	26.70 -0.67 0.00	26.53 -0.75 0.00	26.17 -1.11 0.00	34.50 -1.68 0.00	37.92 -2.66 0.00	36.20 -2.41 0.00	39.64 -2.94 0.00	54.34 -4.98 0.00	31.29 -2.64 0.00	37.76 -2.52 0.00	33.35 -2.08 0.00	31.27 -1.01 0.00	31.13 -0.90 0.00
NM_ST_REGIS____HYD 24053	23.09 -3.74 0.00	17.65 -2.54 0.00	14.87 -2.10 0.00	13.91 -1.82 0.00	12.74 -1.76 0.00	14.36 -1.59 0.00	17.10 -1.62 0.00	17.85 -1.57 0.00	25.05 -1.81 0.00	26.77 -2.70 0.00	26.96 -3.25 0.00	24.57 -2.80 0.00	24.38 -2.91 0.00	24.12 -3.15 0.00	32.03 -4.15 0.00	39.28 -1.29 0.00	37.93 -0.68 0.00	41.87 -0.71 0.00	58.42 -0.90 0.00	33.53 -0.40 0.00	39.64 -0.64 0.00	34.91 -0.52 0.00	31.56 -0.72 0.00	31.21 -0.82 0.00
NORTHPORT____1 23551	28.47 1.64 0.00	22.32 1.37 -0.77	17.98 1.01 0.00	16.67 0.94 0.00	15.42 0.93 0.00	16.95 1.00 0.00	19.74 1.02 0.00	20.44 1.02 0.00	28.39 1.41 -0.13	31.75 1.61 -0.66	34.31 2.36 -1.74	34.66 2.34 -4.96	36.34 2.27 -6.78	47.78 2.34 -18.17	45.30 3.07 -6.05	58.03 3.63 -13.82	54.88 3.47 -12.80	44.64 3.66 1.60	89.12 5.23 -24.57	37.18 2.83 -0.41	44.15 3.29 -0.59	38.54 2.83 -0.28	35.40 2.74 -0.38	34.41 2.38 0.00
NORTHPORT____2 23552	28.47 1.64 0.00	22.32 1.37 -0.77	17.98 1.01 0.00	16.67 0.94 0.00	15.42 0.93 0.00	16.95 1.00 0.00	19.74 1.02 0.00	20.44 1.02 0.00	28.39 1.41 -0.13	31.75 1.61 -0.66	34.31 2.36 -1.74	34.66 2.34 -4.96	36.34 2.27 -6.78	47.78 2.34 -18.17	45.30 3.07 -6.05	58.03 3.63 -13.82	54.88 3.47 -12.80	44.64 3.66 1.60	89.12 5.23 -24.57	37.18 2.83 -0.41	44.15 3.29 -0.59	38.54 2.83 -0.28	35.40 2.74 -0.38	34.41 2.38 0.00
NORTHPORT____3 23553	28.19 1.36 0.00	22.11 1.16 -0.77	17.81 0.84 0.00	16.50 0.77 0.00	15.25 0.76 0.00	16.78 0.83 0.00	19.58 0.86 0.00	20.30 0.88 0.00	28.20 1.21 -0.13	31.57 1.43 -0.66	34.05 2.10 -1.74	34.49 2.22 -4.90	34.16 2.17 -4.70	36.09 2.30 -6.52	36.81 3.00 2.37	34.26 3.83 10.15	34.94 3.58 7.26	37.59 3.67 8.66	78.46 5.33 -13.81	34.00 2.88 2.81	41.45 3.12 1.95	38.29 2.58 -0.28	35.20 2.54 -0.38	34.24 2.22 0.00
NORTHPORT____4 23650	28.19 1.36 0.00	22.11 1.16 -0.77	17.81 0.84 0.00	16.50 0.77 0.00	15.25 0.76 0.00	16.78 0.83 0.00	19.58 0.86 0.00	20.30 0.88 0.00	28.20 1.21 -0.13	31.57 1.43 -0.66	34.05 2.10 -1.74	34.49 2.22 -4.90	34.16 2.17 -4.70	36.09 2.30 -6.52	36.81 3.00 2.37	34.26 3.83 10.15	34.94 3.58 7.26	37.59 3.67 8.66	78.46 5.33 -13.81	34.00 2.88 2.81	41.45 3.12 1.95	38.29 2.58 -0.28	35.20 2.54 -0.38	34.24 2.22 0.00
NORTHPORT____IC 23718	28.47 1.64 0.00	22.32 1.37 -0.77	17.98 1.01 0.00	16.67 0.94 0.00	15.42 0.93 0.00	16.95 1.00 0.00	19.74 1.02 0.00	20.44 1.02 0.00	28.39 1.41 -0.13	31.75 1.61 -0.66	34.31 2.36 -1.74	34.66 2.34 -4.96	36.34 2.27 -6.78	47.78 2.34 -18.17	45.30 3.07 -6.05	58.03 3.63 -13.82	54.88 3.47 -12.80	44.64 3.66 1.60	89.12 5.23 -24.57	37.18 2.83 -0.41	44.15 3.29 -0.59	38.54 2.83 -0.28	35.40 2.74 -0.38	34.41 2.38 0.00

NORTH__COUNTRY_ESR 323785	23.06 -3.76 0.00	17.74 -2.44 0.00	14.96 -2.01 0.00	14.07 -1.65 0.00	12.86 -1.64 0.00	14.54 -1.41 0.00	17.29 -1.44 0.00	18.06 -1.37 0.00	25.47 -1.39 0.00	27.36 -2.11 0.00	27.68 -2.53 0.00	25.31 -2.06 0.00	25.10 -2.19 0.00	24.82 -2.45 0.00	33.02 -3.16 0.00	40.63 0.06 0.00	39.40 0.79 0.00	43.50 0.92 0.00	60.46 1.14 0.00	34.75 0.82 0.00	41.04 0.76 0.00	36.05 0.62 0.00	32.71 0.43 0.00	32.45 0.42 0.00
NPX_GEN_1385_PROXY 323591	27.88 1.05 0.00	21.96 1.01 -0.77	17.66 0.69 0.00	16.48 0.75 0.00	15.43 0.93 0.00	16.73 0.78 0.00	19.45 0.73 0.00	20.09 0.67 0.00	27.74 0.75 -0.13	31.02 0.88 -0.66	33.56 1.61 -1.74	33.94 1.62 -4.96	26.16 1.45 2.58	47.05 1.60 -18.17	32.15 1.98 6.01	42.01 2.43 1.01	53.82 2.41 -12.80	26.04 2.41 18.95	87.81 3.85 -24.64	36.64 2.29 -0.41	43.71 2.85 -0.59	38.30 2.59 -0.28	35.46 2.44 -0.74	33.83 1.80 0.00
NPX_GEN_CSC 323557	29.13 2.31 0.00	22.85 1.90 -0.77	18.41 1.44 0.00	17.05 1.32 0.00	15.77 1.28 0.00	17.35 1.40 0.00	20.14 1.43 0.00	20.81 1.39 0.00	29.00 2.01 -0.13	32.51 2.37 -0.66	35.14 3.19 -1.74	36.26 3.23 -5.66	131.12 3.20 -100.64	191.06 3.22 -160.57	117.69 4.31 -77.20	470.05 5.16 -424.31	327.39 4.89 -283.89	377.58 5.17 -329.83	374.05 7.36 -307.36	153.02 4.09 -115.00	66.97 4.72 -21.99	39.63 3.91 -0.28	36.74 3.71 -0.74	35.32 3.30 0.00
NSINS_S_GLNS_FALLS 23858	28.06 1.24 0.00	20.92 0.74 0.00	17.48 0.51 0.00	16.24 0.51 0.00	14.97 0.48 0.00	16.51 0.56 0.00	19.40 0.69 0.00	20.11 0.69 0.00	27.58 0.85 0.13	29.81 1.03 0.70	31.12 0.91 0.00	28.30 0.94 0.00	28.32 1.03 0.00	28.02 0.99 0.24	37.76 1.65 0.07	42.64 2.07 0.00	40.55 1.94 0.00	44.70 2.12 0.00	62.55 3.23 0.00	35.95 2.02 0.00	42.82 2.56 0.00	37.39 1.95 0.00	33.92 1.65 0.00	33.46 1.44 0.00
NUCOR_STEEL__DRP 24197	27.58 0.75 0.00	20.73 0.55 0.00	17.44 0.46 0.00	16.11 0.39 0.00	14.87 0.37 0.00	16.33 0.39 0.00	19.25 0.52 0.00	19.98 0.56 0.00	27.64 0.78 0.00	30.36 0.88 0.00	31.13 0.92 0.00	27.94 0.57 0.00	27.86 0.58 0.00	27.84 0.56 0.00	36.65 0.47 0.00	41.00 0.42 0.00	39.04 0.43 0.00	43.04 0.46 0.00	59.85 0.54 0.00	34.38 0.45 0.00	40.91 0.64 0.00	35.91 0.48 0.00	32.61 0.34 0.00	32.52 0.49 0.00
NUMBER_THREE_WT_PWR 323818	25.38 -1.44 0.00	19.24 -0.94 0.00	16.33 -0.64 0.00	15.26 -0.46 0.00	14.13 -0.36 0.00	15.68 -0.26 0.00	18.59 -0.13 0.00	19.28 -0.14 0.00	26.80 -0.05 0.00	29.23 -0.25 0.00	29.78 -0.43 0.00	26.91 -0.45 0.00	26.77 -0.52 0.00	26.55 -0.72 0.00	35.06 -1.12 0.00	40.03 -0.55 0.00	38.21 -0.40 0.00	42.06 -0.52 0.00	59.19 -0.13 0.00	33.93 0.00 0.00	40.20 -0.07 0.00	35.35 -0.08 0.00	31.93 -0.35 0.00	31.46 -0.57 0.00
NYISO_LBMP_REFERENCE 24008	26.83 0.00 0.00	20.18 0.00 0.00	16.97 0.00 0.00	15.72 0.00 0.00	14.49 0.00 0.00	15.95 0.00 0.00	18.72 0.00 0.00	19.42 0.00 0.00	26.86 0.00 0.00	29.48 0.00 0.00	30.22 0.00 0.00	27.37 0.00 0.00	27.29 0.00 0.00	27.27 0.00 0.00	36.18 0.00 0.00	40.58 0.00 0.00	38.61 0.00 0.00	42.58 0.00 0.00	59.32 0.00 0.00	33.93 0.00 0.00	40.27 0.00 0.00	35.43 0.00 0.00	32.28 0.00 0.00	32.03 0.00 0.00
NYPA_BRENTWD__GT 24164	28.87 2.05 0.00	22.62 1.67 -0.77	18.22 1.25 0.00	16.88 1.16 0.00	15.61 1.11 0.00	17.17 1.22 0.00	20.01 1.29 0.00	20.73 1.31 0.00	28.85 1.87 -0.13	32.29 2.15 -0.66	34.91 2.96 -1.74	35.39 2.92 -5.10	58.78 2.89 -28.61	77.35 2.84 -47.24	59.26 3.74 -19.33	147.25 4.47 -102.20	112.56 4.27 -69.68	122.79 4.59 -75.62	153.96 6.45 -88.19	64.16 3.49 -26.74	48.88 4.03 -4.58	39.12 3.41 -0.28	35.98 3.32 -0.38	35.04 3.02 0.00
NYPA_GOWANUS__GT5 24156	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.18 3.61 0.00	42.10 3.49 0.00	46.42 3.84 0.00	64.41 5.10 0.00	36.65 2.72 0.00	43.42 3.14 0.00	38.13 2.69 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NYPA_GOWANUS__GT6 24157	28.15 1.32 0.00	21.17 0.98 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.16 0.67 0.00	16.67 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.48 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.18 3.61 0.00	42.10 3.49 0.00	46.42 3.84 0.00	64.41 5.10 0.00	36.65 2.72 0.00	43.42 3.14 0.00	38.13 2.69 0.00	34.82 2.54 0.00	34.24 2.21 0.00
NYPA_HARLEM_RVR_GT1 24160	28.02 1.19 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.36 0.64 0.00	15.13 0.64 0.00	16.65 0.70 0.00	19.56 0.84 0.00	20.41 0.99 0.00	28.35 1.37 -0.12	31.75 1.61 -0.66	32.16 1.94 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.67 2.17 -0.23	39.09 2.84 -0.07	44.11 3.54 0.00	41.98 3.37 0.00	46.26 3.68 0.00	64.33 5.02 0.00	36.59 2.66 0.00	43.38 3.10 0.00	38.07 2.64 0.00	34.67 2.40 0.00	34.10 2.07 0.00
NYPA_HARLEM_RVR_GT2 24161	28.02 1.19 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.36 0.64 0.00	15.13 0.64 0.00	16.65 0.70 0.00	19.56 0.84 0.00	20.41 0.99 0.00	28.35 1.37 -0.12	31.75 1.61 -0.66	32.16 1.94 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.67 2.17 -0.23	39.09 2.84 -0.07	44.11 3.54 0.00	41.98 3.37 0.00	46.26 3.68 0.00	64.33 5.02 0.00	36.59 2.66 0.00	43.38 3.10 0.00	38.07 2.64 0.00	34.67 2.40 0.00	34.10 2.07 0.00
NYPA_KENT__GT 24152	28.10 1.27 0.00	21.12 0.94 0.00	17.69 0.72 0.00	16.37 0.64 0.00	15.15 0.66 0.00	16.66 0.71 0.00	19.61 0.89 0.00	20.47 1.05 0.00	28.46 1.48 -0.12	31.91 1.77 -0.66	32.29 2.07 0.00	29.45 2.08 0.00	29.44 2.15 0.00	29.74 2.24 -0.23	39.17 2.92 -0.07	44.11 3.54 0.00	42.01 3.40 0.00	46.30 3.72 0.00	64.30 4.98 0.00	36.57 2.64 0.00	43.33 3.06 0.00	38.06 2.63 0.00	34.76 2.48 0.00	34.18 2.15 0.00
NYPA_POUCH1__GT 24155	28.13 1.30 0.00	21.16 0.97 0.00	17.71 0.74 0.00	16.36 0.64 0.00	15.12 0.62 0.00	16.63 0.68 0.00	19.57 0.85 0.00	20.43 1.00 0.00	28.38 1.40 -0.12	31.77 1.69 -0.60	32.07 1.98 0.12	29.44 2.07 -0.01	29.40 2.12 0.00	29.73 2.23 -0.23	39.12 2.87 -0.06	39.51 3.45 4.52	41.76 3.38 0.22	46.29 3.71 0.00	60.75 4.87 3.44	34.22 2.62 2.33	38.33 2.99 4.92	33.94 2.56 4.05	34.48 2.42 0.22	34.00 2.11 0.14
NYPA_VERNON__GT2 24162	28.03 1.20 0.00	21.08 0.89 0.00	17.66 0.69 0.00	16.35 0.63 0.00	15.13 0.64 0.00	16.64 0.69 0.00	19.58 0.87 0.00	20.45 1.03 0.00	28.43 1.45 -0.12	31.88 1.74 -0.66	32.24 2.03 0.00	29.38 2.02 0.00	29.37 2.08 0.00	29.69 2.18 -0.23	39.12 2.87 -0.07	44.07 3.49 0.00	41.94 3.33 0.00	46.22 3.65 0.00	64.23 4.92 0.00	36.52 2.59 0.00	43.29 3.01 0.00	38.03 2.59 0.00	34.69 2.41 0.00	34.12 2.10 0.00

NYPA_VERNON____GT3 24163	28.03 1.20 0.00	21.08 0.89 0.00	17.66 0.69 0.00	16.35 0.63 0.00	15.13 0.64 0.00	16.64 0.69 0.00	19.58 0.87 0.00	20.45 1.03 0.00	28.43 1.45 -0.12	31.88 1.74 -0.66	32.24 2.03 0.00	29.38 2.02 0.00	29.37 2.08 0.00	29.69 2.18 -0.23	39.12 2.87 -0.07	44.07 3.49 0.00	41.94 3.33 0.00	46.22 3.65 0.00	64.23 4.92 0.00	36.52 2.59 0.00	43.29 3.01 0.00	38.03 2.59 0.00	34.69 2.41 0.00	34.12 2.10 0.00
NYPA____ASTORIA_CC1 323568	28.00 1.17 0.00	21.05 0.87 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.12 0.63 0.00	16.62 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.39 1.41 -0.12	31.82 1.68 -0.66	32.19 1.98 0.00	29.34 1.97 0.00	29.33 2.04 0.00	29.65 2.15 -0.23	39.06 2.81 -0.07	43.99 3.42 0.00	41.89 3.28 0.00	46.15 3.57 0.00	64.14 4.82 0.00	36.47 2.55 0.00	43.24 2.97 0.00	37.98 2.55 0.00	34.65 2.37 0.00	34.08 2.05 0.00
NYPA____ASTORIA_CC2 323569	28.00 1.17 0.00	21.05 0.87 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.12 0.63 0.00	16.62 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.39 1.41 -0.12	31.82 1.68 -0.66	32.19 1.98 0.00	29.34 1.97 0.00	29.33 2.04 0.00	29.65 2.15 -0.23	39.06 2.81 -0.07	43.99 3.42 0.00	41.89 3.28 0.00	46.15 3.57 0.00	64.14 4.82 0.00	36.47 2.55 0.00	43.24 2.97 0.00	37.98 2.55 0.00	34.65 2.37 0.00	34.08 2.05 0.00
NYPA____HOLTSVILL 23794	28.76 1.94 0.00	22.55 1.60 -0.77	18.17 1.20 0.00	16.83 1.11 0.00	15.56 1.07 0.00	17.12 1.17 0.00	19.91 1.19 0.00	20.57 1.15 0.00	28.63 1.64 -0.13	32.06 1.92 -0.66	34.67 2.72 -1.74	35.78 2.76 -5.66	130.99 2.73 -100.97	189.35 2.77 -159.30	115.85 3.65 -76.02	467.61 4.39 -422.65	324.88 4.13 -282.14	378.01 4.38 -331.06	372.87 6.20 -307.35	152.57 3.37 -115.26	65.79 3.89 -21.64	38.97 3.26 -0.28	35.78 3.12 -0.38	34.78 2.75 0.00
NYPA____HELLGATE_GT1 24158	28.03 1.20 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.36 0.64 0.00	15.13 0.64 0.00	16.65 0.70 0.00	19.56 0.84 0.00	20.41 0.99 0.00	28.36 1.37 -0.12	31.78 1.63 -0.66	32.18 1.97 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.67 2.17 -0.23	39.09 2.84 -0.07	44.11 3.54 0.00	41.98 3.37 0.00	46.26 3.68 0.00	64.33 5.02 0.00	36.59 2.66 0.00	43.38 3.10 0.00	38.07 2.64 0.00	34.67 2.40 0.00	34.10 2.07 0.00
NYPA____HELLGATE_GT2 24159	28.03 1.20 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.36 0.64 0.00	15.13 0.64 0.00	16.65 0.70 0.00	19.56 0.84 0.00	20.41 0.99 0.00	28.36 1.37 -0.12	31.78 1.63 -0.66	32.18 1.97 0.00	29.35 1.98 0.00	29.35 2.06 0.00	29.67 2.17 -0.23	39.09 2.84 -0.07	44.11 3.54 0.00	41.98 3.37 0.00	46.26 3.68 0.00	64.33 5.02 0.00	36.59 2.66 0.00	43.38 3.10 0.00	38.07 2.64 0.00	34.67 2.40 0.00	34.10 2.07 0.00
NYS_BARGE____HYD 23848	28.04 1.22 0.00	21.16 0.97 0.00	17.69 0.72 0.00	16.28 0.55 0.00	14.81 0.32 0.00	16.30 0.35 0.00	19.28 0.56 0.00	19.79 0.37 0.00	27.98 1.12 0.00	30.56 1.08 0.00	30.83 0.62 0.00	27.35 -0.02 0.00	27.17 -0.11 0.00	26.81 -0.46 0.00	35.30 -0.88 0.00	38.84 -1.74 0.00	37.07 -1.54 0.00	40.61 -1.97 0.00	55.76 -3.55 0.00	32.08 -1.85 0.00	38.66 -1.61 0.00	34.13 -1.30 0.00	31.89 -0.39 0.00	31.81 -0.22 0.00
OAK ORCHARD____HYD 24046	27.82 1.00 0.00	20.97 0.79 0.00	17.57 0.59 0.00	16.20 0.48 0.00	14.81 0.32 0.00	16.32 0.38 0.00	19.23 0.51 0.00	19.86 0.44 0.00	27.81 0.95 0.00	30.53 1.06 0.00	31.06 0.84 0.00	27.77 0.40 0.00	27.60 0.32 0.00	27.40 0.12 0.00	36.22 0.04 0.00	40.28 -0.29 0.00	38.40 -0.21 0.00	42.23 -0.34 0.00	58.48 -0.84 0.00	33.48 -0.46 0.00	40.01 -0.26 0.00	35.21 -0.22 0.00	32.40 0.12 0.00	32.20 0.17 0.00
OAKDALE__35_KV_LOAD 356122	27.38 0.55 0.00	20.56 0.38 0.00	17.25 0.28 0.00	15.98 0.25 0.00	14.73 0.24 0.00	16.22 0.27 0.00	19.11 0.39 0.00	19.89 0.46 0.00	27.64 0.78 0.00	30.29 0.81 0.00	31.07 0.86 0.00	28.03 0.66 0.00	27.97 0.69 0.00	27.92 0.65 0.00	36.98 0.80 0.00	41.40 0.83 0.00	39.39 0.78 0.00	43.41 0.83 0.00	60.09 0.77 0.00	34.32 0.39 0.00	40.89 0.62 0.00	35.94 0.51 0.00	32.76 0.48 0.00	32.42 0.40 0.00
OCC_CHEM____DRP 24175	27.54 0.71 0.00	20.79 0.61 0.00	17.40 0.43 0.00	16.01 0.29 0.00	14.57 0.08 0.00	16.01 0.06 0.00	18.90 0.18 0.00	19.36 -0.06 0.00	27.36 0.50 0.00	29.91 0.43 0.00	30.20 -0.01 0.00	26.77 -0.60 0.00	26.60 -0.69 0.00	26.24 -1.04 0.00	34.58 -1.60 0.00	38.01 -2.56 0.00	36.28 -2.33 0.00	39.73 -2.85 0.00	54.47 -4.85 0.00	31.36 -2.57 0.00	37.85 -2.42 0.00	33.43 -2.00 0.00	31.34 -0.94 0.00	31.20 -0.82 0.00
OH_GEN_PROXY 24063	27.60 0.77 0.00	20.83 0.64 0.00	17.42 0.45 0.00	16.05 0.32 0.00	14.60 0.11 0.00	16.06 0.11 0.00	18.97 0.25 0.00	19.48 0.05 0.00	27.52 0.66 0.00	30.10 0.63 0.00	30.41 0.20 0.00	26.96 -0.41 0.00	26.84 -0.45 0.00	26.49 -0.78 0.00	34.94 -1.24 0.00	38.49 -2.08 0.00	36.73 -1.88 0.00	40.23 -2.35 0.00	55.30 -4.08 -0.07	31.75 -2.19 0.00	38.23 -2.04 0.00	33.77 -1.66 0.00	31.87 -0.77 -0.36	31.38 -0.65 0.00
OLIN_CORP_DRP 24177	27.64 0.81 0.00	20.87 0.68 0.00	17.47 0.50 0.00	16.07 0.35 0.00	14.63 0.14 0.00	16.07 0.12 0.00	18.99 0.27 0.00	19.46 0.04 0.00	27.49 0.63 0.00	29.97 0.49 0.00	30.21 -0.01 0.00	26.80 -0.57 0.00	26.63 -0.66 0.00	26.26 -1.01 0.00	34.57 -1.61 0.00	38.02 -2.56 0.00	36.28 -2.33 0.00	39.73 -2.84 0.00	54.53 -4.78 0.00	31.40 -2.53 0.00	37.85 -2.42 0.00	33.43 -2.00 0.00	31.35 -0.93 0.00	31.32 -0.70 0.00
OLIN_CORP_DSASP 323712	27.54 0.71 0.00	20.81 0.62 0.00	17.40 0.43 0.00	16.02 0.29 0.00	14.55 0.06 0.00	16.01 0.06 0.00	18.90 0.18 0.00	19.36 -0.06 0.00	27.36 0.50 0.00	29.91 0.43 0.00	30.20 -0.02 0.00	26.77 -0.60 0.00	26.61 -0.68 0.00	26.24 -1.03 0.00	34.58 -1.60 0.00	38.03 -2.55 0.00	36.29 -2.32 0.00	39.75 -2.84 0.00	54.46 -4.85 0.00	31.36 -2.57 0.00	37.84 -2.43 0.00	33.43 -2.01 0.00	31.31 -0.97 0.00	31.20 -0.83 0.00
ONEIDA_HERK_LFGE 323681	26.50 -0.33 0.00	19.96 -0.23 0.00	16.83 -0.14 0.00	15.65 -0.07 0.00	14.47 -0.03 0.00	15.97 0.03 0.00	18.91 0.19 0.00	19.64 0.21 0.00	27.25 0.40 0.00	29.86 0.38 0.00	30.51 0.30 0.00	27.60 0.23 0.00	27.49 0.21 0.00	27.36 0.08 0.00	36.22 0.04 0.00	40.99 0.42 0.00	39.10 0.49 0.00	43.12 0.54 0.00	60.33 1.01 0.00	34.53 0.60 0.00	40.98 0.71 0.00	35.99 0.55 0.00	32.62 0.34 0.00	32.23 0.20 0.00
ONEIDA____115KV_TB4 55905	27.34 0.51 0.00	20.49 0.31 0.00	17.23 0.26 0.00	15.97 0.25 0.00	14.77 0.27 0.00	16.25 0.30 0.00	19.23 0.51 0.00	19.97 0.55 0.00	27.71 0.85 0.00	30.41 0.93 0.00	31.14 0.92 0.00	28.15 0.78 0.00	28.06 0.77 0.00	27.89 0.62 0.00	36.98 0.80 0.00	41.61 0.03 0.00	39.67 1.06 0.00	43.78 1.20 0.00	61.05 1.74 0.00	34.92 0.99 0.00	41.50 1.23 0.00	36.41 0.97 0.00	33.07 0.80 0.00	32.73 0.70 0.00

ONONDAGA_REF_OCCRA 23987	27.18 0.35 0.00	20.42 0.23 0.00	17.15 0.18 0.00	15.88 0.15 0.00	14.63 0.14 0.00	16.10 0.15 0.00	18.94 0.22 0.00	19.62 0.20 0.00	27.17 0.31 0.00	29.79 0.31 0.00	30.53 0.31 0.00	27.58 0.21 0.00	27.46 0.17 0.00	27.37 0.10 0.00	36.28 0.10 0.00	40.62 0.05 0.00	38.67 0.06 0.00	42.62 0.04 0.00	59.25 -0.06 0.00	33.87 -0.06 0.00	40.31 0.03 0.00	35.39 -0.04 0.00	32.28 0.00 0.00	32.11 0.08 0.00
ONONDAGA___COGEN 23986	27.17 0.34 0.00	20.40 0.22 0.00	17.14 0.17 0.00	15.88 0.15 0.00	14.63 0.14 0.00	16.09 0.15 0.00	18.93 0.21 0.00	19.61 0.18 0.00	27.15 0.28 0.00	29.77 0.30 0.00	30.52 0.30 0.00	27.54 0.17 0.00	27.41 0.13 0.00	27.36 0.08 0.00	36.23 0.05 0.00	40.56 -0.02 0.00	38.60 -0.01 0.00	42.55 -0.02 0.00	59.18 -0.13 0.00	33.85 -0.08 0.00	40.28 0.01 0.00	35.37 -0.06 0.00	32.26 -0.02 0.00	32.11 0.08 0.00
ONTARIO___LFGE 23819	27.78 0.96 0.00	20.87 0.69 0.00	17.48 0.51 0.00	16.16 0.43 0.00	14.87 0.38 0.00	16.40 0.45 0.00	19.46 0.74 0.00	20.22 0.79 0.00	28.13 1.27 0.00	30.82 1.34 0.00	31.61 1.40 0.00	28.38 1.02 0.00	28.15 0.86 0.00	27.99 0.72 0.00	36.97 0.79 0.00	41.27 0.69 0.00	39.33 0.72 0.00	43.35 0.77 0.00	60.12 0.80 0.00	34.36 0.43 0.00	40.99 0.72 0.00	35.99 0.55 0.00	32.82 0.54 0.00	32.54 0.51 0.00
ORANGEVILLE_WT_PWR 323706	27.90 1.07 0.00	21.02 0.83 0.00	17.58 0.61 0.00	16.21 0.48 0.00	14.81 0.31 0.00	16.35 0.41 0.00	19.38 0.67 0.00	20.03 0.61 0.00	28.24 1.39 0.00	30.86 1.38 0.00	31.34 1.12 0.00	27.84 0.48 0.00	27.71 0.43 0.00	27.43 0.16 0.00	36.25 0.07 0.00	40.04 -0.53 0.00	38.16 -0.45 0.00	41.83 -0.75 0.00	57.52 -1.80 0.00	33.04 -0.89 0.00	39.67 -0.60 0.00	35.05 -0.38 0.00	32.43 0.15 0.00	32.19 0.16 0.00
ORANGEVILLE___ESR 323794	27.90 1.07 0.00	21.02 0.83 0.00	17.58 0.61 0.00	16.21 0.48 0.00	14.81 0.31 0.00	16.35 0.41 0.00	19.38 0.67 0.00	20.03 0.61 0.00	28.24 1.39 0.00	30.86 1.38 0.00	31.34 1.12 0.00	27.84 0.48 0.00	27.71 0.43 0.00	27.43 0.16 0.00	36.25 0.07 0.00	40.04 -0.53 0.00	38.16 -0.45 0.00	41.83 -0.75 0.00	57.52 -1.80 0.00	33.04 -0.89 0.00	39.67 -0.60 0.00	35.05 -0.38 0.00	32.43 0.15 0.00	32.19 0.16 0.00
OSWEGATCHIE___HYD 24044	23.97 -2.86 0.00	18.23 -1.96 0.00	15.41 -1.56 0.00	14.40 -1.32 0.00	13.27 -1.22 0.00	14.83 -1.12 0.00	17.62 -1.10 0.00	18.32 -1.11 0.00	25.55 -1.31 0.00	27.57 -1.91 0.00	27.93 -2.28 0.00	25.32 -2.05 0.00	25.11 -2.17 0.00	24.86 -2.42 0.00	32.91 -3.27 0.00	38.90 -1.68 0.00	37.34 -1.27 0.00	41.15 -1.43 0.00	57.73 -1.59 0.00	33.14 -0.79 0.00	39.24 -1.03 0.00	34.53 -0.91 0.00	31.20 -1.08 0.00	30.79 -1.23 0.00
OSWEGO___5 23606	26.66 -0.17 0.00	20.04 -0.14 0.00	16.84 -0.13 0.00	15.59 -0.13 0.00	14.36 -0.13 0.00	15.80 -0.15 0.00	18.55 -0.17 0.00	19.19 -0.23 0.00	26.55 -0.30 0.00	29.13 -0.35 0.00	29.81 -0.40 0.00	26.92 -0.45 0.00	26.80 -0.48 0.00	26.75 -0.53 0.00	35.44 -0.74 0.00	39.70 -0.87 0.00	37.79 -0.82 0.00	41.65 -0.92 0.00	57.95 -1.36 0.00	33.16 -0.77 0.00	39.43 -0.84 0.00	34.67 -0.76 0.00	31.66 -0.62 0.00	31.55 -0.47 0.00
OSWEGO___6 23613	26.66 -0.17 0.00	20.04 -0.14 0.00	16.84 -0.13 0.00	15.59 -0.13 0.00	14.36 -0.13 0.00	15.80 -0.15 0.00	18.55 -0.17 0.00	19.19 -0.23 0.00	26.55 -0.30 0.00	29.13 -0.35 0.00	29.81 -0.40 0.00	26.92 -0.45 0.00	26.80 -0.48 0.00	26.75 -0.53 0.00	35.44 -0.74 0.00	39.70 -0.87 0.00	37.79 -0.82 0.00	41.65 -0.92 0.00	57.95 -1.36 0.00	33.16 -0.77 0.00	39.43 -0.84 0.00	34.67 -0.76 0.00	31.66 -0.62 0.00	31.55 -0.47 0.00
OUTOKUMPU-AB___DRP 24206	28.30 1.47 0.00	21.30 1.12 0.00	17.83 0.86 0.00	16.40 0.68 0.00	14.95 0.46 0.00	16.43 0.48 0.00	19.46 0.74 0.00	19.99 0.56 0.00	28.28 1.42 0.00	30.93 1.46 0.00	31.28 1.06 0.00	27.70 0.33 0.00	27.51 0.22 0.00	27.16 -0.11 0.00	35.80 -0.38 0.00	39.39 -1.19 0.00	37.58 -1.03 0.00	41.20 -1.38 0.00	56.48 -2.83 0.00	32.44 -1.49 0.00	39.28 -0.99 0.00	34.62 -0.81 0.00	32.31 0.03 0.00	32.11 0.08 0.00
OXBOW____ 24026	28.01 1.18 0.00	21.12 0.94 0.00	17.67 0.70 0.00	16.26 0.53 0.00	14.79 0.30 0.00	16.27 0.32 0.00	19.24 0.52 0.00	19.74 0.32 0.00	27.92 1.06 0.00	30.54 1.06 0.00	30.86 0.65 0.00	27.35 -0.02 0.00	27.18 -0.11 0.00	26.82 -0.46 0.00	35.35 -0.84 0.00	38.86 -1.72 0.00	37.09 -1.52 0.00	40.65 -1.93 0.00	55.69 -3.62 0.00	32.02 -1.91 0.00	38.71 -1.56 0.00	34.15 -1.28 0.00	31.90 -0.38 0.00	31.75 -0.27 0.00
OXY_CHEM_DSASP 323612	27.54 0.71 0.00	20.79 0.61 0.00	17.40 0.43 0.00	16.01 0.29 0.00	14.57 0.08 0.00	16.01 0.06 0.00	18.90 0.18 0.00	19.36 -0.06 0.00	27.36 0.50 0.00	29.91 0.43 0.00	30.20 -0.01 0.00	26.77 -0.60 0.00	26.60 -0.69 0.00	26.24 -1.04 0.00	34.58 -1.60 0.00	38.01 -2.56 0.00	36.28 -2.33 0.00	39.73 -2.85 0.00	54.47 -4.85 0.00	31.36 -2.57 0.00	37.85 -2.42 0.00	33.43 -2.00 0.00	31.34 -0.94 0.00	31.20 -0.82 0.00
OZONE_PARK_ESR 323760	28.29 1.47 0.00	21.27 1.08 0.00	17.80 0.83 0.00	16.47 0.75 0.00	15.24 0.74 0.00	16.77 0.82 0.00	19.75 1.02 0.00	20.62 1.20 0.00	28.67 1.69 -0.12	32.16 2.02 -0.66	32.55 2.34 0.00	29.69 2.32 0.00	29.72 2.43 0.00	30.06 2.56 -0.23	39.70 3.45 -0.07	44.76 4.18 0.00	42.57 3.96 0.00	46.92 4.35 0.00	65.28 5.96 0.00	37.08 3.15 0.00	43.98 3.71 0.00	38.57 3.13 0.00	35.12 2.84 0.00	34.48 2.46 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.54 0.71 0.00	20.79 0.61 0.00	17.40 0.43 0.00	16.01 0.29 0.00	14.57 0.08 0.00	16.01 0.06 0.00	18.90 0.18 0.00	19.36 -0.06 0.00	27.36 0.50 0.00	29.91 0.43 0.00	30.20 -0.01 0.00	26.77 -0.60 0.00	26.60 -0.69 0.00	26.24 -1.04 0.00	34.58 -1.60 0.00	38.01 -2.56 0.00	36.28 -2.33 0.00	39.73 -2.85 0.00	54.47 -4.85 0.00	31.36 -2.57 0.00	37.85 -2.42 0.00	33.43 -2.00 0.00	31.34 -0.94 0.00	31.20 -0.82 0.00
PACKARD___115KV_DUPONT_184 80571	27.54 0.71 0.00	20.79 0.61 0.00	17.40 0.43 0.00	16.01 0.29 0.00	14.57 0.08 0.00	16.01 0.06 0.00	18.90 0.18 0.00	19.36 -0.06 0.00	27.36 0.50 0.00	29.91 0.43 0.00	30.20 -0.01 0.00	26.77 -0.60 0.00	26.60 -0.69 0.00	26.24 -1.04 0.00	34.58 -1.60 0.00	38.01 -2.56 0.00	36.28 -2.33 0.00	39.73 -2.85 0.00	54.47 -4.85 0.00	31.36 -2.57 0.00	37.85 -2.42 0.00	33.43 -2.00 0.00	31.34 -0.94 0.00	31.20 -0.82 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.06 1.23 0.00	21.12 0.94 0.00	17.70 0.73 0.00	16.38 0.66 0.00	15.15 0.65 0.00	16.66 0.71 0.00	19.59 0.87 0.00	20.44 1.02 0.00	28.38 1.39 -0.12	31.78 1.64 -0.66	32.17 1.96 0.00	29.36 1.99 0.00	29.35 2.07 0.00	29.68 2.18 -0.23	39.09 2.84 -0.07	44.11 3.53 0.00	41.99 3.38 0.00	46.27 3.69 0.00	64.34 5.03 0.00	36.62 2.69 0.00	43.41 3.14 0.00	38.11 2.68 0.00	34.70 2.42 0.00	34.14 2.11 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.18 1.35 0.00	21.18 1.00 0.00	17.74 0.77 0.00	16.42 0.70 0.00	15.21 0.72 0.00	16.70 0.75 0.00	19.73 1.01 0.00	20.58 1.16 0.00	28.56 1.58 -0.12	31.96 1.82 -0.66	32.36 2.15 0.00	29.55 2.19 0.00	29.55 2.27 0.00	29.88 2.38 -0.23	39.40 3.15 -0.07	44.47 3.90 0.00	42.35 3.74 0.00	46.65 4.07 0.00	64.79 5.48 0.00	36.91 2.98 0.00	43.79 3.52 0.00	38.42 2.99 0.00	34.97 2.69 0.00	34.36 2.33 0.00
PATROON__115KV_TB1 80586	27.07 0.25 0.00	20.37 0.19 0.00	17.15 0.18 0.00	15.90 0.18 0.00	14.68 0.19 0.00	16.15 0.20 0.00	18.93 0.22 0.00	19.73 0.30 0.00	27.05 0.32 0.12	29.24 0.41 0.65	30.62 0.41 0.00	27.84 0.47 0.00	27.78 0.49 0.00	27.63 0.58 0.22	37.00 0.89 0.07	41.69 1.12 0.00	39.64 1.03 0.00	43.73 1.15 0.00	61.11 1.79 0.00	34.95 1.02 0.00	41.57 1.30 0.00	36.41 0.98 0.00	33.17 0.89 0.00	32.81 0.78 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.38 1.55 0.00	21.34 1.16 0.00	17.85 0.88 0.00	16.45 0.73 0.00	15.03 0.53 0.00	16.53 0.58 0.00	19.59 0.87 0.00	20.21 0.79 0.00	28.56 1.71 0.00	31.30 1.82 0.00	31.70 1.49 0.00	28.13 0.76 0.00	28.05 0.77 0.00	27.72 0.45 0.00	36.52 0.34 0.00	40.34 -0.24 0.00	38.49 -0.12 0.00	42.19 -0.38 0.00	57.80 -1.52 0.00	33.11 -0.82 0.00	39.77 -0.50 0.00	35.10 -0.33 0.00	32.60 0.32 0.00	32.32 0.30 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.04 1.21 0.00	21.07 0.89 0.00	17.68 0.71 0.00	16.37 0.65 0.00	15.12 0.62 0.00	16.65 0.70 0.00	19.56 0.84 0.00	20.40 0.98 0.00	28.37 1.40 -0.11	31.79 1.71 -0.61	32.21 2.00 0.00	29.35 1.98 0.00	29.39 2.11 0.00	29.73 2.25 -0.21	39.32 3.08 -0.06	44.31 3.74 0.00	42.23 3.62 0.00	46.51 3.93 0.00	64.76 5.45 0.00	36.84 2.91 0.00	43.68 3.41 0.00	38.23 2.80 0.00	34.75 2.48 0.00	34.14 2.11 0.00
PEEKSKILL____ 23653	27.71 0.89 0.00	20.84 0.66 0.00	17.48 0.50 0.00	16.18 0.46 0.00	14.96 0.47 0.00	16.46 0.52 0.00	19.35 0.63 0.00	20.18 0.76 0.00	28.03 1.05 -0.12	31.43 1.31 -0.65	31.78 1.57 0.00	28.96 1.60 0.00	28.98 1.69 0.00	29.30 1.80 -0.22	38.69 2.44 -0.07	43.59 3.02 0.00	41.50 2.89 0.00	45.76 3.18 0.00	63.77 4.45 0.00	36.25 2.32 0.00	42.97 2.70 0.00	37.65 2.22 0.00	34.28 2.00 0.00	33.70 1.67 0.00
PGE MADISON__WINDPWR 24146	29.02 2.19 0.00	21.72 1.54 0.00	18.20 1.23 0.00	16.86 1.13 0.00	15.56 1.06 0.00	17.15 1.20 0.00	20.48 1.76 0.00	21.41 1.99 0.00	29.76 2.90 0.00	32.38 2.90 0.00	33.37 3.16 0.00	30.01 2.65 0.00	29.86 2.57 0.00	29.63 2.36 0.00	39.04 2.86 0.00	43.65 3.08 0.00	41.89 3.28 0.00	46.27 3.69 0.00	64.44 5.13 0.00	36.97 3.04 0.00	44.06 3.80 0.00	38.57 3.14 0.00	34.90 2.62 0.00	34.37 2.34 0.00
PIERCEFIELD__HYD 23852	23.00 -3.83 0.00	17.55 -2.63 0.00	14.80 -2.17 0.00	13.83 -1.90 0.00	12.67 -1.82 0.00	14.26 -1.69 0.00	16.99 -1.74 0.00	17.71 -1.71 0.00	24.81 -2.04 0.00	26.48 -3.00 0.00	26.65 -3.56 0.00	24.27 -3.10 0.00	24.08 -3.21 0.00	23.83 -3.45 0.00	31.64 -4.54 0.00	38.78 -1.80 0.00	37.39 -1.22 0.00	41.26 -1.32 0.00	57.60 -1.72 0.00	33.04 -0.89 0.00	39.07 -1.20 0.00	34.44 -1.00 0.00	31.12 -1.16 0.00	30.77 -1.26 0.00
PINELAWN_CC_1 323563	28.67 1.84 0.00	22.43 1.48 -0.77	18.07 1.10 0.00	16.73 1.01 0.00	15.47 0.97 0.00	17.03 1.08 0.00	19.87 1.15 0.00	20.62 1.19 0.00	28.67 1.68 -0.13	32.12 1.98 -0.66	34.62 2.67 -1.74	34.80 2.45 -4.98	41.80 2.39 -12.12	51.45 2.45 -21.73	45.79 3.17 -6.44	73.68 3.88 -29.22	63.64 3.72 -21.31	63.95 3.96 -17.41	103.18 5.61 -38.25	43.49 2.99 -6.57	44.52 3.55 -0.70	38.77 3.06 -0.28	35.82 3.16 -0.38	34.79 2.76 0.00
PJM_GEN_HTP_PROXY 323702	27.88 1.05 0.00	20.96 0.78 0.00	17.56 0.60 0.00	16.26 0.54 0.00	15.05 0.56 0.00	16.56 0.61 0.00	19.48 0.76 0.00	20.33 0.91 0.00	28.27 1.28 -0.12	31.72 1.58 -0.66	32.11 1.89 0.00	29.26 1.89 0.00	29.27 1.98 0.00	29.61 2.10 -0.23	39.09 2.84 -0.07	44.07 3.49 0.00	41.90 3.29 0.00	46.17 3.59 0.00	64.25 4.94 0.00	36.48 2.55 0.00	43.28 3.01 0.00	38.02 2.50 -0.08	33.73 2.25 0.80	32.75 1.90 1.18
PJM_GEN_KEystone 24065	27.48 0.65 0.00	20.65 0.47 0.00	17.29 0.32 0.00	15.99 0.27 0.00	14.74 0.25 0.00	16.23 0.28 0.00	19.16 0.44 0.00	19.94 0.52 0.00	27.83 0.94 -0.04	30.88 1.07 -0.34	31.29 1.13 0.05	28.26 0.89 0.00	28.28 0.99 0.00	28.36 0.97 -0.12	37.45 1.24 -0.04	41.56 1.33 0.34	39.91 1.32 0.02	43.95 1.37 0.00	60.77 1.45 0.00	34.60 0.66 0.00	41.18 0.91 0.00	36.30 0.78 -0.08	32.33 0.84 0.80	36.16 0.62 -3.51
PJM_GEN_NEPTUNE_PROXY 323594	28.19 1.36 0.00	22.04 1.09 -0.77	17.76 0.79 0.00	16.45 0.72 0.00	15.21 0.72 0.00	16.73 0.79 0.00	19.57 0.85 0.00	20.32 0.89 0.00	28.24 1.25 -0.13	31.65 1.52 -0.66	34.05 2.10 -1.74	34.42 2.10 -4.95	36.62 2.13 -7.21	45.47 2.20 -15.99	43.22 2.94 -4.10	54.94 3.62 -10.74	51.75 3.41 -9.73	46.21 3.63 0.00	88.82 5.15 -24.36	37.36 2.72 -0.71	43.39 3.11 0.00	38.42 2.63 -0.36	34.38 2.51 0.41	33.03 2.17 1.17
PJM_GEN_VFT_PROXY 323633	27.76 0.93 0.00	20.87 0.68 0.00	17.48 0.51 0.00	16.18 0.46 0.00	14.98 0.49 0.00	16.48 0.53 0.00	19.41 0.69 0.00	20.26 0.83 0.00	27.71 1.16 0.30	31.41 1.42 -0.51	31.26 1.73 0.68	29.14 1.77 0.00	29.14 1.85 0.00	29.46 1.95 -0.23	38.88 2.63 -0.07	38.94 3.22 4.86	41.43 3.07 0.24	45.95 3.37 0.00	59.33 4.63 4.62	32.40 2.40 3.92	32.55 2.78 10.50	32.98 2.30 4.76	30.04 2.09 4.33	30.42 1.75 3.35
PLATSBURG_115KV_PMLD1 355749	23.35 -3.48 0.00	17.98 -2.20 0.00	15.18 -1.80 0.00	14.27 -1.46 0.00	13.04 -1.46 0.00	14.74 -1.21 0.00	17.52 -1.20 0.00	18.29 -1.13 0.00	25.83 -1.02 0.00	27.89 -1.59 0.00	28.16 -2.06 0.00	25.73 -1.64 0.00	25.48 -1.80 0.00	25.23 -2.04 0.00	33.60 -2.58 0.00	41.18 0.61 0.00	40.02 1.41 0.00	44.19 1.61 0.00	61.31 1.99 0.00	35.26 1.32 0.00	41.68 1.41 0.00	36.49 1.06 0.00	33.14 0.86 0.00	32.91 0.88 0.00
PLEASANTVLY__LBMP 24000	27.60 0.77 0.00	20.75 0.57 0.00	17.44 0.47 0.00	16.16 0.44 0.00	14.91 0.42 0.00	16.42 0.47 0.00	19.27 0.55 0.00	20.07 0.65 0.00	27.85 0.86 -0.14	31.29 1.06 -0.75	31.49 1.28 0.00	28.68 1.31 0.00	28.67 1.38 0.00	29.01 1.48 -0.26	38.29 2.03 -0.08	43.12 2.54 0.00	41.05 2.44 0.00	45.26 2.68 0.00	63.12 3.81 0.00	35.95 2.02 0.00	42.65 2.38 0.00	37.38 1.95 0.00	34.04 1.76 0.00	33.52 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	27.84 1.01 0.00	20.93 0.75 0.00	17.55 0.58 0.00	16.26 0.54 0.00	15.02 0.53 0.00	16.54 0.59 0.00	19.43 0.71 0.00	20.27 0.84 0.00	28.15 1.16 -0.13	31.57 1.43 -0.67	31.91 1.70 0.00	29.09 1.72 0.00	29.09 1.81 0.00	29.43 1.92 -0.23	38.88 2.63 -0.07	43.81 3.23 0.00	41.69 3.08 0.00	45.95 3.37 0.00	64.01 4.69 0.00	36.40 2.47 0.00	43.16 2.89 0.00	37.83 2.39 0.00	34.44 2.16 0.00	33.85 1.82 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	27.84 1.01 0.00	20.93 0.75 0.00	17.55 0.58 0.00	16.26 0.54 0.00	15.02 0.53 0.00	16.54 0.59 0.00	19.43 0.71 0.00	20.27 0.84 0.00	28.15 1.16 -0.13	31.57 1.43 -0.67	31.91 1.70 0.00	29.09 1.72 0.00	29.09 1.81 0.00	29.43 1.92 -0.23	38.88 2.63 -0.07	43.81 3.23 0.00	41.69 3.08 0.00	45.95 3.37 0.00	64.01 4.69 0.00	36.40 2.47 0.00	43.16 2.89 0.00	37.83 2.39 0.00	34.44 2.16 0.00	33.85 1.82 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.85 1.03 0.00	20.92 0.74 0.00	17.58 0.61 0.00	16.28 0.56 0.00	15.03 0.54 0.00	16.53 0.59 0.00	19.43 0.71 0.00	20.25 0.83 0.00	27.92 1.10 0.04	30.61 1.32 0.18	31.76 1.55 0.00	28.93 1.56 0.00	28.96 1.68 0.00	28.97 1.76 0.06	38.57 2.41 0.02	43.63 3.06 0.00	41.57 2.96 0.00	45.91 3.33 0.00	64.07 4.76 0.00	36.49 2.56 0.00	43.27 3.00 0.00	37.87 2.44 0.00	34.45 2.17 0.00	33.88 1.85 0.00
POLETTI____ 23519	27.87 1.04 0.00	20.97 0.79 0.00	17.56 0.60 0.00	16.26 0.54 0.00	15.05 0.56 0.00	16.55 0.61 0.00	19.48 0.76 0.00	20.33 0.91 0.00	28.25 1.26 -0.12	31.69 1.55 -0.66	32.08 1.86 0.00	29.25 1.88 0.00	29.25 1.97 0.00	29.58 2.08 -0.23	39.05 2.80 -0.07	44.01 3.44 0.00	41.86 3.25 0.00	46.13 3.55 0.00	64.18 4.87 0.00	36.45 2.52 0.00	43.23 2.97 0.00	37.90 2.47 0.00	34.52 2.24 0.00	33.92 1.89 0.00
POMONA____ESR 323819	27.67 0.84 0.00	20.79 0.60 0.00	17.42 0.45 0.00	16.13 0.41 0.00	14.92 0.43 0.00	16.42 0.47 0.00	19.32 0.60 0.00	20.15 0.73 0.00	27.98 1.01 -0.11	31.37 1.28 -0.61	31.76 1.55 0.00	28.95 1.58 0.00	28.98 1.69 0.00	29.29 1.80 -0.21	38.71 2.47 -0.06	43.61 3.04 0.00	41.54 2.93 0.00	45.81 3.23 0.00	63.81 4.50 0.00	36.26 2.33 0.00	42.95 2.68 0.00	37.63 2.20 0.00	34.25 1.97 0.00	33.65 1.62 0.00
PORT_JEFF_3 23555	28.76 1.94 0.00	22.54 1.59 -0.77	18.15 1.19 0.00	16.82 1.09 0.00	15.55 1.05 0.00	17.11 1.16 0.00	19.88 1.17 0.00	20.54 1.12 0.00	28.58 1.59 -0.13	32.00 1.86 -0.66	34.67 2.72 -1.74	35.83 2.78 -5.67	131.70 2.75 -101.66	193.49 2.78 -163.44	118.79 3.58 -79.03	475.87 4.21 -431.09	331.32 3.87 -288.84	380.03 4.05 -333.40	376.14 5.75 -311.07	153.41 3.12 -116.36	66.45 3.64 -22.54	38.82 3.10 -0.28	35.68 3.02 -0.38	34.73 2.70 0.00
PORT_JEFF_4 23616	28.76 1.94 0.00	22.54 1.59 -0.77	18.15 1.19 0.00	16.82 1.09 0.00	15.55 1.05 0.00	17.11 1.16 0.00	19.88 1.17 0.00	20.54 1.12 0.00	28.58 1.59 -0.13	32.00 1.86 -0.66	34.67 2.72 -1.74	35.83 2.78 -5.67	131.70 2.75 -101.66	193.49 2.78 -163.44	118.79 3.58 -79.03	475.87 4.21 -431.09	331.32 3.87 -288.84	380.03 4.05 -333.40	376.14 5.75 -311.07	153.41 3.12 -116.36	66.45 3.64 -22.54	38.82 3.10 -0.28	35.68 3.02 -0.38	34.73 2.70 0.00
PORT_JEFF_IC 23713	28.84 2.01 0.00	22.61 1.66 -0.77	18.21 1.24 0.00	16.86 1.14 0.00	15.58 1.09 0.00	17.15 1.20 0.00	19.94 1.22 0.00	20.55 1.13 0.00	28.60 1.62 -0.13	32.04 1.90 -0.66	34.71 2.76 -1.74	35.95 2.83 -5.75	135.40 2.79 -105.32	209.50 2.81 -179.41	130.03 3.64 -90.20	510.27 4.34 -465.36	357.91 4.02 -315.28	392.84 4.25 -346.00	392.94 6.00 -327.62	158.84 3.24 -121.67	69.91 3.75 -25.90	38.89 3.17 -0.28	35.79 3.13 -0.38	34.87 2.84 0.00
PPL PILGRIM_ST_GT1 24216	28.87 2.05 0.00	22.62 1.67 -0.77	18.22 1.25 0.00	16.88 1.16 0.00	15.61 1.11 0.00	17.17 1.22 0.00	20.01 1.29 0.00	20.73 1.31 0.00	28.85 1.87 -0.13	32.29 2.15 -0.66	34.91 2.96 -1.74	35.39 2.92 -5.10	58.78 2.89 -28.61	77.35 2.84 -47.24	59.26 3.74 -19.33	147.25 4.47 -102.20	112.56 4.27 -69.68	122.79 4.59 -75.62	153.96 6.45 -88.19	64.16 3.49 -26.74	48.88 4.03 -4.58	39.12 3.41 -0.28	35.98 3.32 -0.38	35.04 3.02 0.00
PPL PILGRIM_ST_GT2 24217	28.87 2.05 0.00	22.62 1.67 -0.77	18.22 1.25 0.00	16.88 1.16 0.00	15.61 1.11 0.00	17.17 1.22 0.00	20.01 1.29 0.00	20.73 1.31 0.00	28.85 1.87 -0.13	32.29 2.15 -0.66	34.91 2.96 -1.74	35.39 2.92 -5.10	58.78 2.89 -28.61	77.35 2.84 -47.24	59.26 3.74 -19.33	147.25 4.47 -102.20	112.56 4.27 -69.68	122.79 4.59 -75.62	153.96 6.45 -88.19	64.16 3.49 -26.74	48.88 4.03 -4.58	39.12 3.41 -0.28	35.98 3.32 -0.38	35.04 3.02 0.00
PPL_SHRM_GT3 24213	29.14 2.31 0.00	22.84 1.89 -0.77	18.40 1.43 0.00	17.04 1.32 0.00	15.76 1.27 0.00	17.34 1.39 0.00	20.14 1.42 0.00	20.81 1.39 0.00	29.00 2.01 -0.13	32.51 2.37 -0.66	35.14 3.19 -1.74	36.27 3.22 -5.68	131.65 3.19 -101.18	195.14 3.04 -164.83	120.80 4.25 -80.37	478.18 4.92 -432.69	333.93 4.64 -290.68	378.85 4.64 -331.62	377.01 6.96 -310.74	153.99 4.12 -115.94	67.97 4.76 -22.94	39.67 3.95 -0.28	36.39 3.73 -0.38	35.33 3.30 0.00
PPL_SHRM_GT4 24214	29.14 2.31 0.00	22.84 1.89 -0.77	18.40 1.43 0.00	17.04 1.32 0.00	15.76 1.27 0.00	17.34 1.39 0.00	20.14 1.42 0.00	20.81 1.39 0.00	29.00 2.01 -0.13	32.51 2.37 -0.66	35.14 3.19 -1.74	36.27 3.22 -5.68	131.65 3.19 -101.18	195.14 3.04 -164.83	120.80 4.25 -80.37	478.18 4.92 -432.69	333.93 4.64 -290.68	378.85 4.64 -331.62	377.01 6.96 -310.74	153.99 4.12 -115.94	67.97 4.76 -22.94	39.67 3.95 -0.28	36.39 3.73 -0.38	35.33 3.30 0.00
PROJECT____ORANGE 1 24174	27.06 0.23 0.00	20.34 0.15 0.00	17.08 0.11 0.00	15.81 0.08 0.00	14.57 0.07 0.00	16.02 0.08 0.00	18.84 0.12 0.00	19.50 0.07 0.00	26.99 0.13 0.00	29.60 0.13 0.00	30.33 0.11 0.00	27.39 0.02 0.00	27.27 -0.02 0.00	27.19 -0.08 0.00	36.04 -0.14 0.00	40.34 -0.24 0.00	38.37 -0.24 0.00	42.29 -0.29 0.00	58.79 -0.53 0.00	33.60 -0.33 0.00	39.98 -0.29 0.00	35.11 -0.33 0.00	32.05 -0.23 0.00	31.92 -0.11 0.00
PROJECT____ORANGE 2 24166	27.06 0.23 0.00	20.34 0.15 0.00	17.08 0.11 0.00	15.81 0.08 0.00	14.57 0.07 0.00	16.02 0.08 0.00	18.84 0.12 0.00	19.50 0.07 0.00	26.99 0.13 0.00	29.60 0.13 0.00	30.33 0.11 0.00	27.39 0.02 0.00	27.27 -0.02 0.00	27.19 -0.08 0.00	36.04 -0.14 0.00	40.34 -0.24 0.00	38.37 -0.24 0.00	42.29 -0.29 0.00	58.79 -0.53 0.00	33.60 -0.33 0.00	39.98 -0.29 0.00	35.11 -0.33 0.00	32.05 -0.23 0.00	31.92 -0.11 0.00
PUCKETT____SOLAR 323809	27.76 0.94 0.00	20.84 0.65 0.00	17.48 0.51 0.00	16.19 0.46 0.00	14.93 0.43 0.00	16.45 0.50 0.00	19.43 0.71 0.00	20.24 0.81 0.00	28.12 1.27 0.00	30.70 1.22 0.00	31.46 1.24 0.00	28.49 1.13 0.00	28.39 1.11 0.00	28.20 0.93 0.00	37.25 1.07 0.00	41.72 1.15 0.00	39.85 1.24 0.00	44.04 1.46 0.00	61.17 1.85 0.00	35.01 1.08 0.00	41.71 1.44 0.00	36.62 1.19 0.00	33.32 1.04 0.00	32.93 0.90 0.00
PYRITES____HYD 24023	23.50 -3.33 0.00	17.90 -2.28 0.00	15.08 -1.90 0.00	14.09 -1.63 0.00	12.92 -1.57 0.00	14.54 -1.41 0.00	17.36 -1.36 0.00	18.15 -1.28 0.00	25.43 -1.42 0.00	27.11 -2.37 0.00	27.23 -2.98 0.00	24.80 -2.57 0.00	24.64 -2.65 0.00	24.38 -2.89 0.00	32.37 -3.81 0.00	39.80 -0.78 0.00	38.38 -0.23 0.00	42.35 -0.23 0.00	59.12 -0.19 0.00	33.92 -0.01 0.00	40.15 -0.12 0.00	35.39 -0.05 0.00	31.94 -0.34 0.00	31.54 -0.48 0.00

QUAKERRD_115KV_BK1 80622	26.96 0.14 0.00	20.30 0.12 0.00	17.01 0.04 0.00	15.71 -0.02 0.00	14.40 -0.09 0.00	15.85 -0.10 0.00	18.68 -0.04 0.00	19.30 -0.12 0.00	26.93 0.08 0.00	29.57 0.09 0.00	30.13 -0.08 0.00	27.01 -0.36 0.00	26.85 -0.44 0.00	26.68 -0.59 0.00	35.33 -0.85 0.00	39.36 -1.22 0.00	37.51 -1.10 0.00	41.28 -1.30 0.00	57.24 -2.07 0.00	32.75 -1.18 0.00	39.08 -1.19 0.00	34.37 -1.06 0.00	31.56 -0.72 0.00	31.38 -0.65 0.00
QUENSBRY_115KV_TB8 356137	28.18 1.36 0.00	21.03 0.84 0.00	17.58 0.61 0.00	16.33 0.61 0.00	15.04 0.55 0.00	16.61 0.66 0.00	19.52 0.80 0.00	20.21 0.79 0.00	27.71 0.99 0.13	29.99 1.21 0.69	31.30 1.09 0.00	28.48 1.11 0.00	28.51 1.22 0.00	28.21 1.18 0.24	38.01 1.91 0.07	42.98 2.40 0.00	40.85 2.24 0.00	45.03 2.45 0.00	62.95 3.63 0.00	36.16 2.23 0.00	43.08 2.81 0.00	37.59 2.16 0.00	34.09 1.81 0.00	33.61 1.58 0.00
RAMAPO___LBMP 323565	27.57 0.74 0.00	20.73 0.55 0.00	17.38 0.41 0.00	16.09 0.37 0.00	14.88 0.39 0.00	16.38 0.43 0.00	19.26 0.54 0.00	20.08 0.66 0.00	27.89 0.91 -0.11	31.24 1.16 -0.61	31.63 1.42 0.00	28.81 1.44 0.00	28.84 1.55 0.00	29.13 1.65 -0.21	38.49 2.25 -0.06	43.35 2.78 0.00	41.29 2.68 0.00	45.53 2.95 0.00	63.46 4.14 0.00	36.07 2.13 0.00	42.73 2.46 0.00	37.45 2.01 0.00	34.09 1.81 0.00	33.50 1.48 0.00
RANKINE____ 23646	28.24 1.42 0.00	21.28 1.10 0.00	17.81 0.84 0.00	16.40 0.68 0.00	14.97 0.47 0.00	16.46 0.52 0.00	19.50 0.78 0.00	20.09 0.66 0.00	28.38 1.53 0.00	31.08 1.60 0.00	31.46 1.24 0.00	27.91 0.54 0.00	27.81 0.52 0.00	27.48 0.21 0.00	36.24 0.06 0.00	39.90 -0.67 0.00	38.06 -0.55 0.00	41.73 -0.85 0.00	57.20 -2.11 0.00	32.82 -1.11 0.00	39.48 -0.79 0.00	34.85 -0.58 0.00	32.43 0.15 0.00	32.19 0.17 0.00
RAVENSWOOD_GT2_1 24244	27.94 1.11 0.00	21.01 0.83 0.00	17.61 0.64 0.00	16.30 0.57 0.00	15.08 0.58 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.32 1.34 -0.12	31.75 1.61 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.30 2.01 0.00	29.63 2.12 -0.23	39.10 2.85 -0.07	44.06 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.28 4.96 0.00	36.52 2.59 0.00	43.30 3.03 0.00	37.98 2.54 0.00	34.59 2.31 0.00	34.00 1.98 0.00
RAVENSWOOD_GT2_2 24245	27.94 1.11 0.00	21.01 0.83 0.00	17.61 0.64 0.00	16.30 0.57 0.00	15.08 0.58 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.32 1.34 -0.12	31.75 1.61 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.30 2.01 0.00	29.63 2.12 -0.07	39.10 2.85 -0.07	44.06 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.28 4.96 0.00	36.52 2.59 0.00	43.30 3.03 0.00	37.98 2.54 0.00	34.59 2.31 0.00	34.00 1.98 0.00
RAVENSWOOD_GT2_3 24246	27.95 1.13 0.00	21.03 0.85 0.00	17.62 0.65 0.00	16.31 0.59 0.00	15.09 0.59 0.00	16.60 0.65 0.00	19.53 0.81 0.00	20.39 0.96 0.00	28.33 1.35 -0.12	31.78 1.63 -0.66	32.16 1.94 0.00	29.31 1.94 0.00	29.32 2.04 0.00	29.65 2.15 -0.23	39.13 2.88 -0.07	44.10 3.52 0.00	41.94 3.34 0.00	46.25 3.67 0.00	64.33 5.02 0.00	36.55 2.62 0.00	43.33 3.06 0.00	38.00 2.57 0.00	34.62 2.34 0.00	34.02 2.00 0.00
RAVENSWOOD_GT2_4 24247	27.95 1.13 0.00	21.03 0.85 0.00	17.62 0.65 0.00	16.31 0.59 0.00	15.09 0.59 0.00	16.60 0.65 0.00	19.53 0.81 0.00	20.39 0.96 0.00	28.33 1.35 -0.12	31.78 1.63 -0.66	32.16 1.94 0.00	29.31 1.94 0.00	29.32 2.04 0.00	29.65 2.15 -0.23	39.13 2.88 -0.07	44.10 3.52 0.00	41.94 3.34 0.00	46.25 3.67 0.00	64.33 5.02 0.00	36.55 2.62 0.00	43.33 3.06 0.00	38.00 2.57 0.00	34.62 2.34 0.00	34.02 2.00 0.00
RAVENSWOOD_GT3_1 24248	27.94 1.12 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.08 0.58 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.32 1.34 -0.12	31.75 1.61 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.30 2.01 0.00	29.63 2.12 -0.23	39.10 2.85 -0.07	44.06 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.28 4.96 0.00	36.52 2.59 0.00	43.30 3.03 0.00	37.98 2.54 0.00	34.59 2.31 0.00	34.00 1.98 0.00
RAVENSWOOD_GT3_2 24249	27.94 1.12 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.08 0.58 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.32 1.34 -0.12	31.75 1.61 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.30 2.01 0.00	29.63 2.12 -0.23	39.10 2.85 -0.07	44.06 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.28 4.96 0.00	36.52 2.59 0.00	43.30 3.03 0.00	37.98 2.54 0.00	34.59 2.31 0.00	34.00 1.98 0.00
RAVENSWOOD_GT3_3 24250	27.99 1.17 0.00	21.05 0.86 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.10 0.61 0.00	16.62 0.67 0.00	19.56 0.84 0.00	20.41 0.99 0.00	28.38 1.39 -0.12	31.83 1.69 -0.66	32.21 1.99 0.00	29.36 2.00 0.00	29.37 2.08 0.00	29.70 2.20 -0.23	39.20 2.95 -0.07	44.18 3.60 0.00	42.02 3.41 0.00	46.32 3.74 0.00	64.42 5.11 0.00	36.61 2.68 0.00	43.41 3.14 0.00	38.06 2.63 0.00	34.68 2.40 0.00	34.07 2.05 0.00
RAVENSWOOD_GT3_4 24251	27.99 1.17 0.00	21.05 0.86 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.10 0.61 0.00	16.62 0.67 0.00	19.56 0.84 0.00	20.41 0.99 0.00	28.38 1.39 -0.12	31.83 1.69 -0.66	32.21 1.99 0.00	29.36 2.00 0.00	29.37 2.08 0.00	29.70 2.20 -0.23	39.20 2.95 -0.07	44.18 3.60 0.00	42.02 3.41 0.00	46.32 3.74 0.00	64.42 5.11 0.00	36.61 2.68 0.00	43.41 3.14 0.00	38.06 2.63 0.00	34.68 2.40 0.00	34.07 2.05 0.00
RAVENSWOOD_GT_1 23729	28.03 1.20 0.00	21.08 0.89 0.00	17.66 0.69 0.00	16.35 0.63 0.00	15.13 0.64 0.00	16.64 0.69 0.00	19.58 0.87 0.00	20.45 1.03 0.00	28.43 1.45 -0.12	31.88 1.74 -0.66	32.24 2.03 0.00	29.38 2.02 0.00	29.37 2.08 0.00	29.69 2.18 -0.23	39.12 2.87 -0.07	44.07 3.49 0.00	41.94 3.33 0.00	46.22 3.65 0.00	64.23 4.92 0.00	36.52 2.59 0.00	43.29 3.01 0.00	38.03 2.59 0.00	34.69 2.41 0.00	34.12 2.10 0.00
RAVENSWOOD_GT_10 24258	27.94 1.11 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.07 0.58 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.31 1.33 -0.12	31.75 1.61 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.30 2.01 0.00	29.63 2.13 -0.23	39.11 2.86 -0.07	44.07 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.29 4.98 0.00	36.52 2.59 0.00	43.31 3.04 0.00	37.98 2.55 0.00	34.59 2.31 0.00	34.00 1.98 0.00
RAVENSWOOD_GT_11 24259	27.94 1.11 0.00	21.00 0.82 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.08 0.59 0.00	16.59 0.64 0.00	19.52 0.79 0.00	20.37 0.95 0.00	28.31 1.33 -0.12	31.75 1.61 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.30 2.01 0.00	29.63 2.13 -0.23	39.11 2.86 -0.07	44.07 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.29 4.98 0.00	36.53 2.60 0.00	43.32 3.05 0.00	37.98 2.54 0.00	34.59 2.31 0.00	34.00 1.98 0.00



RAVENSWOOD_GT_4 24252	27.94 1.11 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.07 0.58 0.00	16.59 0.64 0.00	19.51 0.79 0.00	20.37 0.94 0.00	28.30 1.32 -0.12	31.75 1.60 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.31 2.02 0.00	29.64 2.13 -0.23	39.13 2.88 -0.07	44.10 3.52 0.00	41.94 3.34 0.00	46.24 3.66 0.00	64.34 5.02 0.00	36.55 2.62 0.00	43.34 3.07 0.00	37.98 2.55 0.00	34.58 2.30 0.00	33.99 1.96 0.00
RAVENSWOOD_GT_5 24254	27.94 1.11 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.07 0.58 0.00	16.59 0.64 0.00	19.51 0.79 0.00	20.37 0.94 0.00	28.30 1.32 -0.12	31.75 1.60 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.31 2.02 0.00	29.64 2.13 -0.23	39.13 2.88 -0.07	44.10 3.52 0.00	41.94 3.34 0.00	46.24 3.66 0.00	64.34 5.02 0.00	36.55 2.62 0.00	43.34 3.07 0.00	37.98 2.55 0.00	34.58 2.30 0.00	33.99 1.96 0.00
RAVENSWOOD_GT_6 24253	27.94 1.11 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.07 0.58 0.00	16.59 0.64 0.00	19.51 0.79 0.00	20.37 0.94 0.00	28.30 1.32 -0.12	31.75 1.60 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.31 2.02 0.00	29.64 2.13 -0.23	39.13 2.88 -0.07	44.10 3.52 0.00	41.94 3.34 0.00	46.24 3.66 0.00	64.34 5.02 0.00	36.55 2.62 0.00	43.34 3.07 0.00	37.98 2.55 0.00	34.58 2.30 0.00	33.99 1.96 0.00
RAVENSWOOD_GT_7 24255	27.94 1.11 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.07 0.58 0.00	16.59 0.64 0.00	19.51 0.79 0.00	20.37 0.94 0.00	28.30 1.32 -0.12	31.75 1.60 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.31 2.02 0.00	29.64 2.13 -0.23	39.13 2.88 -0.07	44.10 3.52 0.00	41.94 3.34 0.00	46.24 3.66 0.00	64.34 5.02 0.00	36.55 2.62 0.00	43.34 3.07 0.00	37.98 2.55 0.00	34.58 2.30 0.00	33.99 1.96 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	27.94 1.11 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.07 0.58 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.31 1.33 -0.12	31.75 1.61 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.30 2.01 0.00	29.63 2.13 -0.23	39.11 2.86 -0.07	44.07 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.29 4.98 0.00	36.52 2.59 0.00	43.31 3.04 0.00	37.98 2.55 0.00	34.59 2.31 0.00	34.00 1.98 0.00
RAVENSWOOD_GT_9 24257	27.94 1.11 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.07 0.58 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.31 1.33 -0.12	31.75 1.61 -0.66	32.14 1.92 0.00	29.30 1.93 0.00	29.30 2.01 0.00	29.63 2.13 -0.23	39.11 2.86 -0.07	44.07 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.29 4.98 0.00	36.52 2.59 0.00	43.31 3.04 0.00	37.98 2.55 0.00	34.59 2.31 0.00	34.00 1.98 0.00
RAVENSWOOD___1 23533	28.01 1.18 0.00	21.06 0.88 0.00	17.65 0.68 0.00	16.34 0.61 0.00	15.12 0.63 0.00	16.63 0.68 0.00	19.57 0.85 0.00	20.44 1.01 0.00	28.40 1.42 -0.12	31.85 1.71 -0.66	32.21 2.00 0.00	29.36 1.99 0.00	29.34 2.05 0.00	29.66 2.16 -0.23	39.09 2.84 -0.07	44.03 3.45 0.00	41.92 3.31 0.00	46.19 3.61 0.00	64.20 4.88 0.00	36.49 2.56 0.00	43.26 2.99 0.00	38.01 2.58 0.00	34.67 2.39 0.00	34.10 2.07 0.00
RAVENSWOOD___2 23534	27.95 1.12 0.00	21.01 0.83 0.00	17.60 0.63 0.00	16.30 0.57 0.00	15.09 0.60 0.00	16.58 0.64 0.00	19.53 0.81 0.00	20.39 0.97 0.00	28.34 1.36 -0.12	31.78 1.64 -0.66	32.05 1.84 0.00	29.17 1.80 0.00	29.13 1.85 0.00	29.44 1.94 -0.23	38.73 2.48 -0.07	43.63 3.06 0.00	41.54 2.93 0.00	45.77 3.19 0.00	63.62 4.30 0.00	36.17 2.23 0.00	42.92 2.65 0.00	37.83 2.40 0.00	34.59 2.31 0.00	34.04 2.01 0.00
RAVENSWOOD___3 23535	27.95 1.12 0.00	21.01 0.83 0.00	17.61 0.64 0.00	16.30 0.58 0.00	15.09 0.59 0.00	16.59 0.64 0.00	19.52 0.80 0.00	20.37 0.95 0.00	28.32 1.34 -0.12	31.75 1.61 -0.66	32.14 1.93 0.00	29.30 1.93 0.00	29.30 2.01 0.00	29.63 2.13 -0.23	39.10 2.85 -0.07	44.07 3.49 0.00	41.92 3.31 0.00	46.21 3.63 0.00	64.28 4.97 0.00	36.52 2.59 0.00	43.31 3.04 0.00	37.98 2.54 0.00	34.59 2.31 0.00	34.00 1.98 0.00
RAVENSWOOD___4 23820	27.99 1.16 0.00	21.05 0.87 0.00	17.64 0.67 0.00	16.32 0.60 0.00	15.11 0.62 0.00	16.61 0.67 0.00	19.55 0.83 0.00	20.42 1.00 0.00	28.38 1.40 -0.12	31.82 1.68 -0.66	32.18 1.97 0.00	29.33 1.96 0.00	29.32 2.03 0.00	29.64 2.14 -0.23	39.06 2.81 -0.07	44.00 3.42 0.00	41.88 3.28 0.00	46.15 3.57 0.00	64.14 4.82 0.00	36.46 2.54 0.00	43.23 2.97 0.00	37.98 2.55 0.00	34.66 2.38 0.00	34.07 2.04 0.00
RCPI_TRUST___DRP 24196	27.91 1.08 0.00	20.98 0.80 0.00	17.58 0.61 0.00	16.28 0.55 0.00	15.06 0.57 0.00	16.57 0.63 0.00	19.50 0.78 0.00	20.37 0.94 0.00	28.32 1.33 -0.12	31.77 1.63 -0.66	32.16 1.94 0.00	29.31 1.94 0.00	29.32 2.03 0.00	29.65 2.15 -0.23	39.15 2.91 -0.07	44.14 3.56 0.00	41.96 3.35 0.00	46.25 3.67 0.00	64.34 5.02 0.00	36.52 2.59 0.00	43.33 3.06 0.00	37.99 2.55 0.00	34.57 2.29 0.00	33.96 1.94 0.00
RED___ROCHESTER 323720	28.03 1.20 0.00	21.12 0.93 0.00	17.68 0.71 0.00	16.31 0.58 0.00	14.91 0.41 0.00	16.43 0.48 0.00	19.36 0.64 0.00	20.00 0.58 0.00	28.01 1.15 0.00	30.77 1.29 0.00	31.30 1.09 0.00	27.99 0.62 0.00	27.82 0.54 0.00	27.61 0.34 0.00	36.52 0.34 0.00	40.61 0.03 0.00	38.73 0.12 0.00	42.60 0.03 0.00	58.96 -0.36 0.00	33.75 -0.18 0.00	40.33 0.06 0.00	35.49 0.05 0.00	32.63 0.35 0.00	32.40 0.38 0.00
REGAN___SOLAR 323812	29.47 2.65 0.00	21.97 1.78 0.00	18.51 1.54 0.00	17.06 1.34 0.00	15.76 1.27 0.00	17.32 1.37 0.00	20.72 2.00 0.00	21.34 1.92 0.00	29.38 2.61 0.09	31.43 2.42 0.47	32.42 2.21 0.00	28.58 1.21 0.00	29.14 1.85 0.00	28.65 1.54 0.16	38.03 1.90 0.05	42.87 2.29 0.00	41.31 2.70 0.00	47.18 4.60 0.00	66.60 7.29 0.00	38.16 4.22 0.00	45.19 4.92 0.00	39.58 4.15 0.00	35.88 3.60 0.00	35.46 3.43 0.00
RENSSELAER___COGEN 23796	26.91 0.09 0.00	20.26 0.08 0.00	17.06 0.09 0.00	15.83 0.10 0.00	14.61 0.12 0.00	16.07 0.12 0.00	18.82 0.10 0.00	19.61 0.18 0.00	26.87 0.14 0.12	29.03 0.18 0.63	30.35 0.13 0.00	27.56 0.19 0.00	27.47 0.18 0.00	27.32 0.27 0.22	36.60 0.49 0.07	41.22 0.65 0.00	39.18 0.57 0.00	43.22 0.64 0.00	60.45 1.13 0.00	34.61 0.68 0.00	41.19 0.92 0.00	36.10 0.66 0.00	32.92 0.64 0.00	32.58 0.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.26 2.44 0.00	21.59 1.41 0.00	18.18 1.21 0.00	17.03 1.30 0.00	15.70 1.21 0.00	17.35 1.40 0.00	20.59 1.87 0.00	21.15 1.73 0.00	29.04 2.31 0.13	31.50 2.73 0.70	32.97 2.76 0.00	29.97 2.60 0.00	30.06 2.78 0.00	29.70 2.66 0.24	40.25 4.14 0.07	45.84 5.26 0.00	43.60 4.99 0.00	47.94 5.36 0.00	66.50 7.18 0.00	37.98 4.05 0.00	45.43 5.16 0.00	39.51 4.07 0.00	35.76 3.48 0.00	35.20 3.18 0.00

REVERE_CPDR_DRP 24186	27.31 0.48 0.00	20.46 0.28 0.00	17.22 0.25 0.00	15.98 0.26 0.00	14.79 0.30 0.00	16.29 0.34 0.00	19.33 0.61 0.00	20.08 0.65 0.00	27.88 1.03 0.00	30.59 1.11 0.00	31.30 1.08 0.00	28.28 0.91 0.00	28.18 0.90 0.00	28.03 0.75 0.00	37.13 0.95 0.00	41.81 1.23 0.00	39.90 1.30 0.00	44.07 1.49 0.00	61.55 2.23 0.00	35.20 1.27 0.00	41.82 1.55 0.00	36.67 1.24 0.00	33.27 0.99 0.00	32.87 0.84 0.00
REYNOLDS_115KV_TB3 80639	27.07 0.25 0.00	20.40 0.22 0.00	17.17 0.20 0.00	15.94 0.21 0.00	14.71 0.21 0.00	16.18 0.23 0.00	18.93 0.21 0.00	19.71 0.29 0.00	26.99 0.27 0.14	29.09 0.36 0.75	30.53 0.32 0.00	27.76 0.39 0.00	27.69 0.40 0.00	27.50 0.49 0.26	36.90 0.80 0.08	41.59 1.01 0.00	39.54 0.93 0.00	43.62 1.04 0.00	61.03 1.72 0.00	34.93 1.01 0.00	41.59 1.32 0.00	36.43 1.00 0.00	33.21 0.93 0.00	32.84 0.81 0.00
RIVERBAY____ 323610	28.18 1.35 0.00	21.18 1.00 0.00	17.74 0.77 0.00	16.42 0.70 0.00	15.21 0.72 0.00	16.70 0.75 0.00	19.73 1.01 0.00	20.58 1.16 0.00	28.56 1.58 -0.12	31.96 1.82 -0.66	32.36 2.15 0.00	29.55 2.19 0.00	29.55 2.27 0.00	29.88 2.38 -0.23	39.40 3.15 -0.07	44.47 3.90 0.00	42.35 3.74 0.00	46.65 4.07 0.00	64.79 5.48 0.00	36.91 2.98 0.00	43.79 3.52 0.00	38.42 2.99 0.00	34.97 2.69 0.00	34.36 2.33 0.00
RIVERSDE_115KV_TB3 55908	27.02 0.19 0.00	20.35 0.16 0.00	17.13 0.16 0.00	15.89 0.17 0.00	14.67 0.18 0.00	16.14 0.19 0.00	18.89 0.18 0.00	19.68 0.26 0.00	26.97 0.24 0.13	29.11 0.32 0.69	30.51 0.30 0.00	27.73 0.36 0.00	27.66 0.37 0.00	27.50 0.46 0.24	36.87 0.76 0.07	41.54 0.96 0.00	39.49 0.88 0.00	43.56 0.98 0.00	60.92 1.60 0.00	34.86 0.93 0.00	41.49 1.22 0.00	36.34 0.91 0.00	33.12 0.84 0.00	32.75 0.72 0.00
ROARING__BROOK_WT_PWR 323790	25.03 -1.80 0.00	19.05 -1.13 0.00	16.06 -0.91 0.00	14.96 -0.76 0.00	13.76 -0.73 0.00	15.29 -0.66 0.00	18.03 -0.69 0.00	18.71 -0.71 0.00	26.01 -0.85 0.00	28.21 -1.27 0.00	28.78 -1.43 0.00	26.15 -1.22 0.00	26.07 -1.22 0.00	25.98 -1.29 0.00	34.47 -1.71 0.00	40.18 -0.40 0.00	38.38 -0.23 0.00	42.28 -0.30 0.00	58.96 -0.36 0.00	33.69 -0.24 0.00	39.86 -0.40 0.00	35.13 -0.30 0.00	31.90 -0.38 0.00	31.62 -0.41 0.00
ROCHESRG_115KV_T4 355643	27.67 0.84 0.00	20.84 0.66 0.00	17.46 0.49 0.00	16.11 0.39 0.00	14.74 0.25 0.00	16.23 0.28 0.00	19.12 0.40 0.00	19.75 0.32 0.00	27.63 0.77 0.00	30.33 0.85 0.00	30.86 0.64 0.00	27.60 0.23 0.00	27.44 0.15 0.00	27.23 -0.04 0.00	36.04 -0.14 0.00	40.07 -0.50 0.00	38.20 -0.41 0.00	42.01 -0.57 0.00	58.17 -1.15 0.00	33.30 -0.64 0.00	39.81 -0.47 0.00	35.03 -0.40 0.00	32.24 -0.04 0.00	32.04 0.01 0.00
ROCHESTER_9_IC 23652	27.86 1.04 0.00	20.99 0.80 0.00	17.58 0.61 0.00	16.22 0.50 0.00	14.84 0.35 0.00	16.34 0.40 0.00	19.26 0.54 0.00	19.89 0.46 0.00	27.85 0.99 0.00	30.58 1.11 0.00	31.11 0.90 0.00	27.81 0.44 0.00	27.65 0.36 0.00	27.44 0.17 0.00	36.29 0.11 0.00	40.36 -0.22 0.00	38.47 -0.14 0.00	42.32 -0.26 0.00	58.59 -0.72 0.00	33.54 -0.39 0.00	40.09 -0.18 0.00	35.28 -0.16 0.00	32.46 0.18 0.00	32.24 0.22 0.00
ROCKVIEW_13_KV_LD 356306	27.96 1.13 0.00	21.02 0.83 0.00	17.62 0.65 0.00	16.31 0.59 0.00	15.08 0.58 0.00	16.60 0.65 0.00	19.52 0.80 0.00	20.36 0.94 0.00	28.29 1.30 -0.12	31.73 1.59 -0.66	32.11 1.90 0.00	29.26 1.89 0.00	29.28 1.99 0.00	29.61 2.11 -0.23	39.11 2.86 -0.07	44.08 3.51 0.00	41.95 3.34 0.00	46.25 3.67 0.00	64.38 5.07 0.00	36.60 2.67 0.00	43.39 3.12 0.00	38.03 2.59 0.00	34.62 2.34 0.00	34.03 2.00 0.00
ROME____115KV_TB2 80656	27.31 0.48 0.00	20.46 0.28 0.00	17.22 0.25 0.00	15.98 0.26 0.00	14.79 0.30 0.00	16.29 0.34 0.00	19.33 0.61 0.00	20.08 0.65 0.00	27.88 1.03 0.00	30.59 1.11 0.00	31.30 1.08 0.00	28.28 0.91 0.00	28.18 0.90 0.00	28.03 0.75 0.00	37.13 0.95 0.00	41.81 1.23 0.00	39.90 1.30 0.00	44.07 1.49 0.00	61.55 2.23 0.00	35.20 1.27 0.00	41.82 1.55 0.00	36.67 1.24 0.00	33.27 0.99 0.00	32.87 0.84 0.00
ROSETON__1 23587	27.59 0.76 0.00	20.74 0.56 0.00	17.42 0.45 0.00	16.14 0.42 0.00	14.91 0.42 0.00	16.40 0.45 0.00	19.25 0.53 0.00	20.06 0.63 0.00	27.82 0.85 -0.11	31.14 1.05 -0.61	31.48 1.27 0.00	28.66 1.30 0.00	28.66 1.37 0.00	28.95 1.47 -0.21	38.23 1.99 -0.06	43.04 2.47 0.00	40.98 2.37 0.00	45.18 2.60 0.00	63.01 3.69 0.00	35.88 1.95 0.00	42.58 2.30 0.00	37.32 1.88 0.00	33.99 1.72 0.00	33.48 1.45 0.00
ROSETON__2 23588	27.59 0.76 0.00	20.74 0.56 0.00	17.42 0.45 0.00	16.14 0.42 0.00	14.91 0.42 0.00	16.40 0.45 0.00	19.25 0.53 0.00	20.06 0.63 0.00	27.82 0.85 -0.11	31.14 1.05 -0.61	31.48 1.27 0.00	28.66 1.30 0.00	28.66 1.37 0.00	28.95 1.47 -0.21	38.23 1.99 -0.06	43.04 2.47 0.00	40.98 2.37 0.00	45.18 2.60 0.00	63.01 3.69 0.00	35.88 1.95 0.00	42.58 2.30 0.00	37.32 1.88 0.00	33.99 1.72 0.00	33.48 1.45 0.00
ROTTDAM_115KV_TB3 80664	27.53 0.71 0.00	20.68 0.50 0.00	17.39 0.42 0.00	16.12 0.40 0.00	14.87 0.38 0.00	16.35 0.40 0.00	19.21 0.49 0.00	19.98 0.55 0.00	27.46 0.71 0.11	29.74 0.83 0.56	31.05 0.84 0.00	28.19 0.82 0.00	28.14 0.86 0.00	28.00 0.92 0.19	37.42 1.30 0.06	42.18 1.60 0.00	40.08 1.47 0.00	44.22 1.64 0.00	61.79 2.47 0.00	35.37 1.44 0.00	42.06 1.79 0.00	36.88 1.45 0.00	33.61 1.33 0.00	33.21 1.18 0.00
RUSSELL__1 23602	28.02 1.20 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.31 0.58 0.00	14.91 0.42 0.00	16.43 0.48 0.00	19.36 0.64 0.00	20.00 0.58 0.00	28.01 1.15 0.00	30.77 1.29 0.00	31.30 1.09 0.00	27.98 0.61 0.00	27.81 0.53 0.00	27.60 0.33 0.00	36.52 0.33 0.00	40.61 0.03 0.00	38.72 0.12 0.00	42.60 0.02 0.00	58.98 -0.33 0.00	33.76 -0.18 0.00	40.34 0.07 0.00	35.49 0.05 0.00	32.64 0.36 0.00	32.40 0.38 0.00
RUSSELL__2 23532	28.02 1.20 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.31 0.58 0.00	14.91 0.42 0.00	16.43 0.48 0.00	19.36 0.64 0.00	20.00 0.58 0.00	28.01 1.15 0.00	30.77 1.29 0.00	31.30 1.09 0.00	27.98 0.61 0.00	27.81 0.53 0.00	27.60 0.33 0.00	36.52 0.33 0.00	40.61 0.03 0.00	38.72 0.12 0.00	42.60 0.02 0.00	58.98 -0.33 0.00	33.76 -0.18 0.00	40.34 0.07 0.00	35.49 0.05 0.00	32.64 0.36 0.00	32.40 0.38 0.00
RUSSELL__3 23549	28.02 1.20 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.31 0.58 0.00	14.91 0.42 0.00	16.43 0.48 0.00	19.36 0.64 0.00	20.00 0.58 0.00	28.01 1.15 0.00	30.77 1.29 0.00	31.30 1.09 0.00	27.98 0.61 0.00	27.81 0.53 0.00	27.60 0.33 0.00	36.52 0.33 0.00	40.61 0.03 0.00	38.72 0.12 0.00	42.60 0.02 0.00	58.98 -0.33 0.00	33.76 -0.18 0.00	40.34 0.07 0.00	35.49 0.05 0.00	32.64 0.36 0.00	32.40 0.38 0.00

RUSSELL___4 23556	28.02 1.20 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.31 0.58 0.00	14.91 0.42 0.00	16.43 0.48 0.00	19.36 0.64 0.00	20.00 0.58 0.00	28.01 1.15 0.00	30.77 1.29 0.00	31.30 1.09 0.00	27.98 0.61 0.00	27.81 0.53 0.00	27.60 0.33 0.00	36.52 0.33 0.00	40.61 0.03 0.00	38.72 0.12 0.00	42.60 0.02 0.00	58.98 -0.33 0.00	33.76 -0.18 0.00	40.34 0.07 0.00	35.49 0.05 0.00	32.64 0.36 0.00	32.40 0.38 0.00
RUSSELL___STATION 23914	28.02 1.20 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.31 0.58 0.00	14.91 0.42 0.00	16.43 0.48 0.00	19.36 0.64 0.00	20.00 0.58 0.00	28.01 1.15 0.00	30.77 1.29 0.00	31.30 1.09 0.00	27.98 0.61 0.00	27.81 0.53 0.00	27.60 0.33 0.00	36.52 0.33 0.00	40.61 0.03 0.00	38.72 0.12 0.00	42.60 0.02 0.00	58.98 -0.33 0.00	33.76 -0.18 0.00	40.34 0.07 0.00	35.49 0.05 0.00	32.64 0.36 0.00	32.40 0.38 0.00
S SALMON___HYD 24043	26.45 -0.38 0.00	19.92 -0.26 0.00	16.78 -0.19 0.00	15.59 -0.13 0.00	14.39 -0.10 0.00	15.87 -0.08 0.00	18.69 -0.03 0.00	19.32 -0.10 0.00	26.78 -0.08 0.00	29.34 -0.14 0.00	29.96 -0.25 0.00	27.01 -0.36 0.00	26.79 -0.50 0.00	26.63 -0.64 0.00	35.21 -0.97 0.00	39.56 -1.02 0.00	37.64 -0.97 0.00	41.47 -1.11 0.00	58.05 -1.27 0.00	33.30 -0.63 0.00	39.60 -0.67 0.00	34.78 -0.66 0.00	31.70 -0.58 0.00	31.49 -0.53 0.00
S.PERRY___115KV_TB1 80734	28.83 2.00 0.00	21.62 1.43 0.00	18.11 1.14 0.00	16.71 0.99 0.00	15.29 0.80 0.00	16.90 0.95 0.00	20.06 1.34 0.00	20.78 1.36 0.00	29.06 2.20 0.00	31.46 1.99 0.00	31.75 1.54 0.00	27.99 0.62 0.00	27.48 0.19 0.00	27.25 -0.02 0.00	35.87 -0.31 0.00	39.89 -0.69 0.00	38.00 -0.60 0.00	41.85 -0.73 0.00	58.28 -1.03 0.00	33.73 -0.20 0.00	40.51 0.24 0.00	36.48 1.05 0.00	33.79 1.51 0.00	33.43 1.41 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.01 1.18 0.00	21.12 0.93 0.00	17.67 0.70 0.00	16.27 0.54 0.00	14.83 0.33 0.00	16.30 0.35 0.00	19.28 0.57 0.00	19.82 0.40 0.00	28.01 1.16 0.00	30.66 1.18 0.00	30.99 0.78 0.00	27.48 0.12 0.00	27.36 0.07 0.00	27.02 -0.25 0.00	35.64 -0.54 0.00	39.23 -1.34 0.00	37.42 -1.19 0.00	41.02 -1.56 0.00	56.26 -3.05 0.00	32.32 -1.61 0.00	38.91 -1.36 0.00	34.35 -1.08 0.00	32.05 -0.23 0.00	31.86 -0.16 0.00
SAWYER___23_KV_LOAD 55526	28.01 1.18 0.00	21.12 0.93 0.00	17.67 0.70 0.00	16.27 0.54 0.00	14.83 0.33 0.00	16.30 0.35 0.00	19.28 0.57 0.00	19.82 0.40 0.00	28.01 1.16 0.00	30.66 1.18 0.00	30.99 0.78 0.00	27.48 0.12 0.00	27.36 0.07 0.00	27.02 -0.25 0.00	35.64 -0.54 0.00	39.23 -1.34 0.00	37.42 -1.19 0.00	41.02 -1.56 0.00	56.26 -3.05 0.00	32.32 -1.61 0.00	38.91 -1.36 0.00	34.35 -1.08 0.00	32.05 -0.23 0.00	31.86 -0.16 0.00
SELKIRK___I 23801	27.28 0.45 0.00	20.53 0.35 0.00	17.30 0.33 0.00	16.05 0.32 0.00	14.81 0.31 0.00	16.29 0.34 0.00	19.08 0.36 0.00	19.86 0.43 0.00	27.28 0.50 0.08	29.58 0.52 0.41	30.67 0.45 0.00	27.81 0.44 0.00	27.69 0.41 0.00	27.58 0.45 0.14	36.87 0.73 0.04	41.46 0.88 0.00	39.36 0.75 0.00	43.43 0.85 0.00	60.70 1.39 0.00	34.78 0.85 0.00	41.42 1.15 0.00	36.36 0.93 0.00	33.21 0.93 0.00	32.95 0.92 0.00
SELKIRK___II 23799	27.10 0.27 0.00	20.39 0.21 0.00	17.17 0.20 0.00	15.92 0.20 0.00	14.70 0.20 0.00	16.16 0.21 0.00	18.93 0.22 0.00	19.71 0.29 0.00	27.07 0.31 0.09	29.30 0.31 0.48	30.44 0.23 0.00	27.59 0.22 0.00	27.47 0.18 0.00	27.36 0.25 0.17	36.57 0.44 0.05	41.12 0.55 0.00	39.06 0.45 0.00	43.09 0.51 0.00	60.26 0.94 0.00	34.51 0.58 0.00	41.10 0.83 0.00	36.05 0.61 0.00	32.94 0.66 0.00	32.73 0.70 0.00
SENECA OSWGO___HYD 24041	26.82 0.00 0.00	20.16 -0.02 0.00	16.94 -0.03 0.00	15.68 -0.04 0.00	14.44 -0.05 0.00	15.89 -0.05 0.00	18.66 -0.06 0.00	19.30 -0.13 0.00	26.71 -0.15 0.00	29.31 -0.16 0.00	30.01 -0.20 0.00	27.07 -0.30 0.00	26.90 -0.38 0.00	26.81 -0.47 0.00	35.54 -0.64 0.00	39.78 -0.79 0.00	37.83 -0.78 0.00	41.68 -0.90 0.00	58.15 -1.16 0.00	33.29 -0.64 0.00	39.61 -0.67 0.00	34.81 -0.62 0.00	31.81 -0.47 0.00	31.71 -0.32 0.00
SENECA___115KV_TB3 355854	28.30 1.47 0.00	21.31 1.13 0.00	17.84 0.87 0.00	16.42 0.70 0.00	14.99 0.50 0.00	16.49 0.54 0.00	19.53 0.81 0.00	20.12 0.70 0.00	28.44 1.59 0.00	31.14 1.66 0.00	31.52 1.31 0.00	27.97 0.60 0.00	27.87 0.58 0.00	27.55 0.27 0.00	36.32 0.14 0.00	39.99 -0.59 0.00	38.15 -0.46 0.00	41.82 -0.76 0.00	57.32 -1.99 0.00	32.88 -1.05 0.00	39.56 -0.71 0.00	34.92 -0.52 0.00	32.49 0.21 0.00	32.25 0.23 0.00
SENECA___ENERGY 23797	27.44 0.61 0.00	20.65 0.46 0.00	17.32 0.35 0.00	16.01 0.28 0.00	14.73 0.24 0.00	16.24 0.29 0.00	19.18 0.46 0.00	19.90 0.48 0.00	27.64 0.78 0.00	30.38 0.90 0.00	31.18 0.96 0.00	27.99 0.62 0.00	27.78 0.49 0.00	27.66 0.38 0.00	36.51 0.33 0.00	40.76 0.18 0.00	38.82 0.21 0.00	42.77 0.19 0.00	59.40 0.09 0.00	33.96 0.03 0.00	40.50 0.23 0.00	35.58 0.14 0.00	32.43 0.15 0.00	32.21 0.18 0.00
SHOEMAKER___GT 23640	27.54 0.71 0.00	20.72 0.54 0.00	17.40 0.43 0.00	16.12 0.40 0.00	14.89 0.39 0.00	16.37 0.43 0.00	19.21 0.49 0.00	20.01 0.59 0.00	27.77 0.81 -0.10	31.00 0.98 -0.54	31.37 1.16 0.00	28.53 1.16 0.00	28.55 1.27 0.00	28.81 1.35 -0.19	38.04 1.81 -0.06	42.80 2.22 0.00	40.76 2.15 0.00	44.99 2.41 0.00	62.77 3.45 0.00	35.76 1.83 0.00	42.44 2.17 0.00	37.20 1.77 0.00	33.86 1.58 0.00	33.35 1.33 0.00
SHOEMAKR_138KV_BK 111 55601	27.52 0.70 0.00	20.70 0.52 0.00	17.38 0.41 0.00	16.10 0.37 0.00	14.86 0.37 0.00	16.36 0.41 0.00	19.20 0.48 0.00	20.01 0.58 0.00	27.76 0.80 -0.10	30.99 0.98 -0.54	31.39 1.17 0.00	28.54 1.18 0.00	28.56 1.28 0.00	28.82 1.36 -0.18	38.06 1.83 -0.06	42.83 2.25 0.00	40.78 2.18 0.00	45.01 2.43 0.00	62.78 3.46 0.00	35.76 1.83 0.00	42.42 2.15 0.00	37.19 1.76 0.00	33.85 1.57 0.00	33.34 1.31 0.00
SHOREHAM_IC_1 23715	29.14 2.31 0.00	22.84 1.89 -0.77	18.40 1.43 0.00	17.04 1.32 0.00	15.76 1.27 0.00	17.34 1.39 0.00	20.14 1.42 0.00	20.81 1.39 0.00	29.00 2.01 -0.13	32.51 2.37 -0.66	35.14 3.19 -1.74	36.27 3.22 -5.68	131.65 3.19 -101.18	195.14 3.04 -164.83	120.80 4.25 -80.37	478.18 4.92 -432.69	333.93 4.64 -290.68	378.85 4.64 -331.62	377.01 6.96 -310.74	153.99 4.12 -115.94	67.97 4.76 -22.94	39.67 3.95 -0.28	36.39 3.73 -0.38	35.33 3.30 0.00
SHOREHAM_IC_2 23716	29.14 2.31 0.00	22.84 1.89 -0.77	18.40 1.43 0.00	17.04 1.32 0.00	15.76 1.27 0.00	17.34 1.39 0.00	20.14 1.42 0.00	20.81 1.39 0.00	29.00 2.01 -0.13	32.51 2.37 -0.66	35.14 3.19 -1.74	36.27 3.22 -5.68	131.65 3.19 -101.18	195.14 3.04 -164.83	120.80 4.25 -80.37	478.18 4.92 -432.69	333.93 4.64 -290.68	378.85 4.64 -331.62	377.01 6.96 -310.74	153.99 4.12 -115.94	67.97 4.76 -22.94	39.67 3.95 -0.28	36.39 3.73 -0.38	35.33 3.30 0.00

SISSONVILLE____ 23735	23.00 -3.83 0.00	17.55 -2.63 0.00	14.80 -2.17 0.00	13.83 -1.90 0.00	12.67 -1.82 0.00	14.26 -1.69 0.00	16.99 -1.74 0.00	17.71 -1.71 0.00	24.81 -2.04 0.00	26.48 -3.00 0.00	26.65 -3.56 0.00	24.27 -3.10 0.00	24.08 -3.21 0.00	23.83 -3.45 0.00	31.64 -4.54 0.00	38.78 -1.80 0.00	37.39 -1.22 0.00	41.26 -1.32 0.00	57.60 -1.72 0.00	33.04 -0.89 0.00	39.07 -1.20 0.00	34.44 -1.00 0.00	31.12 -1.16 0.00	30.77 -1.26 0.00
SITHE_IND_GS1 24169	26.43 -0.40 0.00	19.88 -0.30 0.00	16.70 -0.27 0.00	15.47 -0.26 0.00	14.25 -0.25 0.00	15.66 -0.28 0.00	18.36 -0.36 0.00	18.97 -0.45 0.00	26.23 -0.63 0.00	28.76 -0.72 0.00	29.44 -0.78 0.00	26.60 -0.77 0.00	26.47 -0.81 0.00	26.43 -0.85 0.00	35.02 -1.16 0.00	39.26 -1.32 0.00	37.36 -1.25 0.00	41.19 -1.39 0.00	57.30 -2.01 0.00	32.78 -1.15 0.00	38.99 -1.28 0.00	34.28 -1.15 0.00	31.32 -0.96 0.00	31.29 -0.74 0.00
SITHE_IND_GS2 24170	26.43 -0.40 0.00	19.88 -0.30 0.00	16.70 -0.27 0.00	15.47 -0.26 0.00	14.25 -0.25 0.00	15.66 -0.28 0.00	18.36 -0.36 0.00	18.97 -0.45 0.00	26.23 -0.63 0.00	28.76 -0.72 0.00	29.44 -0.78 0.00	26.60 -0.77 0.00	26.47 -0.81 0.00	26.43 -0.85 0.00	35.02 -1.16 0.00	39.26 -1.32 0.00	37.36 -1.25 0.00	41.19 -1.39 0.00	57.30 -2.01 0.00	32.78 -1.15 0.00	38.99 -1.28 0.00	34.28 -1.15 0.00	31.32 -0.96 0.00	31.29 -0.74 0.00
SITHE_IND_GS3 24171	26.43 -0.40 0.00	19.88 -0.30 0.00	16.70 -0.27 0.00	15.47 -0.26 0.00	14.25 -0.25 0.00	15.66 -0.28 0.00	18.36 -0.36 0.00	18.97 -0.45 0.00	26.23 -0.63 0.00	28.76 -0.72 0.00	29.44 -0.78 0.00	26.60 -0.77 0.00	26.47 -0.81 0.00	26.43 -0.85 0.00	35.02 -1.16 0.00	39.26 -1.32 0.00	37.36 -1.25 0.00	41.19 -1.39 0.00	57.30 -2.01 0.00	32.78 -1.15 0.00	38.99 -1.28 0.00	34.28 -1.15 0.00	31.32 -0.96 0.00	31.29 -0.74 0.00
SITHE_IND_GS4 24172	26.43 -0.40 0.00	19.88 -0.30 0.00	16.70 -0.27 0.00	15.47 -0.26 0.00	14.25 -0.25 0.00	15.66 -0.28 0.00	18.36 -0.36 0.00	18.97 -0.45 0.00	26.23 -0.63 0.00	28.76 -0.72 0.00	29.44 -0.78 0.00	26.60 -0.77 0.00	26.47 -0.81 0.00	26.43 -0.85 0.00	35.02 -1.16 0.00	39.26 -1.32 0.00	37.36 -1.25 0.00	41.19 -1.39 0.00	57.30 -2.01 0.00	32.78 -1.15 0.00	38.99 -1.28 0.00	34.28 -1.15 0.00	31.32 -0.96 0.00	31.29 -0.74 0.00
SITHE____BATAVIA 24024	28.71 1.89 0.00	21.61 1.43 0.00	18.08 1.11 0.00	16.63 0.91 0.00	15.18 0.69 0.00	16.71 0.76 0.00	19.82 1.10 0.00	20.42 1.00 0.00	28.82 1.96 0.00	31.59 2.12 0.00	31.99 1.78 0.00	28.43 1.06 0.00	28.17 0.88 0.00	27.79 0.52 0.00	36.51 0.33 0.00	40.34 -0.24 0.00	38.59 -0.02 0.00	42.36 -0.22 0.00	58.40 -0.92 0.00	33.57 -0.36 0.00	40.36 0.09 0.00	35.53 0.09 0.00	32.93 0.65 0.00	32.75 0.72 0.00
SITHE____INDEPEND 23800	26.43 -0.40 0.00	19.88 -0.30 0.00	16.70 -0.27 0.00	15.47 -0.26 0.00	14.25 -0.25 0.00	15.67 -0.28 0.00	18.36 -0.36 0.00	18.97 -0.45 0.00	26.23 -0.64 0.00	28.76 -0.72 0.00	29.44 -0.78 0.00	26.59 -0.77 0.00	26.47 -0.81 0.00	26.43 -0.85 0.00	35.02 -1.16 0.00	39.26 -1.32 0.00	37.36 -1.25 0.00	41.19 -1.39 0.00	57.30 -2.01 0.00	32.78 -1.15 0.00	38.99 -1.28 0.00	34.28 -1.15 0.00	31.32 -0.96 0.00	31.29 -0.74 0.00
SITHE____MASSENA 23902	23.42 -3.40 0.00	17.89 -2.30 0.00	15.06 -1.91 0.00	14.04 -1.69 0.00	12.84 -1.66 0.00	14.46 -1.48 0.00	17.20 -1.52 0.00	17.92 -1.50 0.00	25.09 -1.77 0.00	26.73 -2.75 0.00	27.01 -3.20 0.00	24.67 -2.70 0.00	24.53 -2.75 0.00	24.30 -2.97 0.00	32.30 -3.88 0.00	39.86 -0.71 0.00	38.41 -0.19 0.00	42.38 -0.20 0.00	58.99 -0.33 0.00	33.80 -0.13 0.00	39.99 -0.27 0.00	35.28 -0.15 0.00	31.97 -0.31 0.00	31.68 -0.35 0.00
SITHE____OGDNSBRG 24021	23.56 -3.27 0.00	17.99 -2.20 0.00	15.14 -1.83 0.00	14.13 -1.59 0.00	12.94 -1.56 0.00	14.58 -1.37 0.00	17.37 -1.35 0.00	18.14 -1.29 0.00	25.41 -1.45 0.00	27.03 -2.45 0.00	27.20 -3.01 0.00	24.81 -2.56 0.00	24.66 -2.63 0.00	24.41 -2.87 0.00	32.42 -3.76 0.00	39.95 -0.62 0.00	38.54 -0.07 0.00	42.52 -0.06 0.00	59.29 -0.02 0.00	34.04 0.11 0.00	40.30 0.03 0.00	35.54 0.11 0.00	32.10 -0.18 0.00	31.73 -0.30 0.00
SITHE____STERLING 23777	27.34 0.51 0.00	20.49 0.31 0.00	17.23 0.26 0.00	15.97 0.25 0.00	14.75 0.26 0.00	16.25 0.30 0.00	19.23 0.51 0.00	19.97 0.55 0.00	27.71 0.85 0.00	30.41 0.93 0.00	31.14 0.92 0.00	28.15 0.78 0.00	28.05 0.77 0.00	27.89 0.62 0.00	36.98 0.80 0.00	41.61 1.03 0.00	39.67 1.06 0.00	43.78 1.20 0.00	61.05 1.74 0.00	34.92 0.99 0.00	41.50 1.23 0.00	36.41 0.97 0.00	33.07 0.79 0.00	32.73 0.70 0.00
SLEIGHT__34_KV_TB1 80719	27.97 1.15 0.00	21.01 0.83 0.00	17.64 0.67 0.00	16.30 0.58 0.00	15.02 0.52 0.00	16.51 0.56 0.00	19.53 0.81 0.00	20.28 0.86 0.00	28.21 1.35 0.00	30.99 1.51 0.00	31.74 1.52 0.00	28.49 1.12 0.00	28.32 1.04 0.00	28.23 0.95 0.00	37.27 1.09 0.00	41.61 1.03 0.00	39.60 0.99 0.00	43.66 1.08 0.00	60.65 1.33 0.00	34.72 0.79 0.00	41.35 1.08 0.00	36.26 0.82 0.00	33.01 0.73 0.00	32.80 0.77 0.00
SOUTH CAIRO____GT 23612	27.95 1.12 0.00	21.04 0.86 0.00	17.69 0.72 0.00	16.42 0.70 0.00	15.15 0.66 0.00	16.70 0.75 0.00	19.59 0.88 0.00	20.48 1.05 0.00	28.12 1.32 0.05	30.42 1.22 0.28	31.13 0.92 0.00	28.19 0.82 0.00	28.19 0.91 0.00	28.12 0.94 0.10	37.82 1.67 0.03	42.13 1.55 0.00	40.03 1.42 0.00	44.39 1.81 0.00	62.54 3.22 0.00	35.97 2.04 0.00	43.01 2.74 0.00	37.62 2.18 0.00	34.21 1.93 0.00	33.86 1.83 0.00
SOUTH HAMPTN____IC 23720	29.63 2.80 0.00	23.23 2.28 -0.77	18.72 1.75 0.00	17.33 1.61 0.00	16.02 1.53 0.00	17.63 1.69 0.00	20.46 1.74 0.00	21.16 1.74 0.00	29.55 2.57 -0.13	33.23 3.09 -0.66	35.89 3.94 -1.74	36.96 3.93 -5.66	131.61 3.88 -100.45	191.76 3.91 -160.58	118.73 5.26 -77.29	470.84 6.28 -423.99	328.36 5.97 -283.78	378.08 6.35 -329.14	375.06 8.87 -306.87	153.65 4.93 -114.79	67.97 5.68 -22.02	40.37 4.65 -0.28	37.08 4.42 -0.38	35.98 3.95 0.00
SOUTHDOW_115KV_TB1 355954	28.55 1.72 0.00	21.51 1.32 0.00	17.99 1.02 0.00	16.60 0.88 0.00	15.20 0.71 0.00	16.75 0.81 0.00	19.88 1.16 0.00	20.68 1.26 0.00	29.27 2.41 0.00	32.14 2.66 0.00	32.70 2.49 0.00	29.08 1.71 0.00	29.12 1.83 0.00	28.84 1.57 0.00	38.37 2.19 0.00	41.79 1.21 0.00	39.77 1.16 0.00	43.63 1.04 0.00	59.75 0.44 0.00	34.13 0.20 0.00	40.81 0.53 0.00	35.89 0.46 0.00	33.12 0.84 0.00	32.67 0.65 0.00
SOUTHOLD_69_KV_BK 2 55809	30.27 3.45 0.00	23.73 2.78 -0.77	19.12 2.15 0.00	17.69 1.96 0.00	16.27 1.78 0.00	18.01 2.06 0.00	20.87 2.15 0.00	21.61 2.19 0.00	30.26 3.28 -0.13	34.10 3.96 -0.66	36.75 4.80 -1.74	37.77 4.74 -5.66	132.03 4.33 -100.42	192.14 4.27 -160.60	119.17 5.67 -77.32	471.36 6.81 -423.97	328.90 6.49 -283.79	378.54 6.92 -329.04	375.74 9.62 -306.81	154.09 5.40 -114.76	68.51 6.22 -22.03	40.72 5.01 -0.28	37.88 5.22 -0.38	36.86 4.83 0.00

SOUTHOLD___IC 23719	30.27 3.45 0.00	23.72 2.77 -0.77	19.12 2.15 0.00	17.69 1.96 0.00	16.35 1.86 0.00	18.01 2.06 0.00	20.87 2.15 0.00	21.61 2.19 0.00	30.26 3.28 -0.13	34.11 3.97 -0.66	36.75 4.80 -1.74	37.76 4.74 -5.66	132.03 4.33 -100.42	192.14 4.26 -160.60	119.17 5.67 -77.32	471.36 6.81 -423.97	328.90 6.49 -283.79	378.54 6.93 -329.04	375.75 9.62 -306.82	154.10 5.41 -114.76	68.52 6.22 -22.03	40.73 5.01 -0.28	37.89 5.23 -0.38	36.86 4.83 0.00
SPIERFLS_115KV_TB 1 80737	27.93 1.11 0.00	20.83 0.64 0.00	17.37 0.40 0.00	16.12 0.39 0.00	14.86 0.37 0.00	16.39 0.44 0.00	19.25 0.52 0.00	19.96 0.53 0.00	27.38 0.65 0.13	29.59 0.80 0.69	30.86 0.64 0.00	28.08 0.71 0.00	28.06 0.78 0.00	27.77 0.73 0.24	37.39 1.27 0.07	42.21 1.64 0.00	40.12 1.51 0.00	44.25 1.67 0.00	61.97 2.65 0.00	35.66 1.73 0.00	42.44 2.17 0.00	37.07 1.64 0.00	33.64 1.36 0.00	33.18 1.15 0.00
ST LAWRENCE____ 23600	23.17 -3.65 0.00	17.71 -2.47 0.00	14.91 -2.06 0.00	13.89 -1.83 0.00	12.70 -1.80 0.00	14.31 -1.64 0.00	17.00 -1.72 0.00	17.71 -1.71 0.00	24.80 -2.06 0.00	26.40 -3.08 0.00	26.70 -3.52 0.00	24.40 -2.97 0.00	24.27 -3.01 0.00	24.05 -3.23 0.00	31.97 -4.21 0.00	39.54 -1.04 0.00	38.10 -0.50 0.00	42.03 -0.55 0.00	58.52 -0.80 0.00	33.52 -0.41 0.00	39.66 -0.61 0.00	34.99 -0.44 0.00	31.72 -0.56 0.00	31.45 -0.58 0.00
STATE_CA_115KV_115_LB 55624	27.08 0.25 0.00	20.37 0.19 0.00	17.15 0.18 0.00	15.91 0.18 0.00	14.68 0.19 0.00	16.15 0.20 0.00	18.93 0.22 0.00	19.73 0.30 0.00	27.06 0.33 0.12	29.24 0.41 0.65	30.62 0.41 0.00	27.84 0.47 0.00	27.78 0.49 0.00	27.63 0.58 0.22	37.01 0.89 0.07	41.70 1.12 0.00	39.64 1.04 0.00	43.73 1.15 0.00	61.11 1.79 0.00	34.95 1.02 0.00	41.57 1.30 0.00	36.41 0.98 0.00	33.17 0.90 0.00	32.81 0.78 0.00
STATE_ST_34_KV_LOAD 55959	27.64 0.81 0.00	20.89 0.71 0.00	17.56 0.60 0.00	16.23 0.51 0.00	14.92 0.43 0.00	16.46 0.52 0.00	19.29 0.56 0.00	20.02 0.59 0.00	27.70 0.84 0.00	30.46 0.98 0.00	31.26 1.04 0.00	28.07 0.70 0.00	27.97 0.69 0.00	27.94 0.67 0.00	36.81 0.63 0.00	41.18 0.60 0.00	39.19 0.58 0.00	43.21 0.63 0.00	60.09 0.77 0.00	34.49 0.56 0.00	41.03 0.76 0.00	36.01 0.57 0.00	32.70 0.42 0.00	32.55 0.53 0.00
STATION 5_MISC_HYD 23604	27.86 1.04 0.00	21.00 0.81 0.00	17.58 0.61 0.00	16.22 0.50 0.00	14.83 0.34 0.00	16.34 0.40 0.00	19.26 0.54 0.00	19.89 0.46 0.00	27.85 0.99 0.00	30.58 1.10 0.00	31.11 0.89 0.00	27.82 0.45 0.00	27.66 0.37 0.00	27.45 0.18 0.00	36.30 0.12 0.00	40.36 -0.21 0.00	38.48 -0.13 0.00	42.32 -0.26 0.00	58.59 -0.72 0.00	33.54 -0.39 0.00	40.08 -0.19 0.00	35.28 -0.16 0.00	32.45 0.17 0.00	32.24 0.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.78 0.95 0.00	20.88 0.70 0.00	17.50 0.53 0.00	16.16 0.44 0.00	14.84 0.35 0.00	16.34 0.39 0.00	19.30 0.58 0.00	20.00 0.58 0.00	27.91 1.05 0.00	30.70 1.22 0.00	31.36 1.14 0.00	28.11 0.74 0.00	27.92 0.63 0.00	27.76 0.48 0.00	36.73 0.55 0.00	40.97 0.40 0.00	39.05 0.44 0.00	43.00 0.42 0.00	59.60 0.28 0.00	34.07 0.14 0.00	40.63 0.36 0.00	35.68 0.25 0.00	32.67 0.39 0.00	32.42 0.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.65 0.83 0.00	20.82 0.64 0.00	17.44 0.47 0.00	16.09 0.37 0.00	14.73 0.24 0.00	16.23 0.28 0.00	19.12 0.40 0.00	19.76 0.34 0.00	27.66 0.80 0.00	30.38 0.90 0.00	30.92 0.71 0.00	27.67 0.30 0.00	27.51 0.22 0.00	27.31 0.04 0.00	36.15 -0.03 0.00	40.22 -0.36 0.00	38.34 -0.26 0.00	42.17 -0.40 0.00	58.41 -0.91 0.00	33.41 -0.52 0.00	39.90 -0.37 0.00	35.10 -0.33 0.00	32.27 -0.01 0.00	32.05 0.02 0.00
STA_56___34_KV_BUS2 355983	27.65 0.83 0.00	20.82 0.64 0.00	17.44 0.47 0.00	16.09 0.37 0.00	14.73 0.24 0.00	16.23 0.28 0.00	19.12 0.40 0.00	19.76 0.34 0.00	27.66 0.80 0.00	30.38 0.90 0.00	30.92 0.71 0.00	27.67 0.30 0.00	27.51 0.22 0.00	27.31 0.04 0.00	36.15 -0.03 0.00	40.22 -0.36 0.00	38.34 -0.26 0.00	42.17 -0.40 0.00	58.41 -0.91 0.00	33.41 -0.52 0.00	39.90 -0.37 0.00	35.10 -0.33 0.00	32.27 -0.01 0.00	32.05 0.02 0.00
STA_67___115KV_BK2 355882	27.79 0.96 0.00	20.94 0.76 0.00	17.54 0.57 0.00	16.18 0.46 0.00	14.80 0.31 0.00	16.30 0.36 0.00	19.21 0.49 0.00	19.84 0.41 0.00	27.77 0.91 0.00	30.49 1.02 0.00	31.02 0.81 0.00	27.74 0.37 0.00	27.57 0.28 0.00	27.37 0.09 0.00	36.19 0.01 0.00	40.25 -0.33 0.00	38.36 -0.25 0.00	42.20 -0.38 0.00	58.42 -0.90 0.00	33.45 -0.48 0.00	39.98 -0.29 0.00	35.18 -0.26 0.00	32.38 0.10 0.00	32.17 0.14 0.00
STA_7___115KV_9TRANS 80674	28.02 1.20 0.00	21.11 0.92 0.00	17.68 0.71 0.00	16.31 0.58 0.00	14.91 0.42 0.00	16.43 0.48 0.00	19.36 0.64 0.00	20.00 0.58 0.00	28.01 1.15 0.00	30.77 1.29 0.00	31.30 1.09 0.00	27.98 0.61 0.00	27.81 0.53 0.00	27.60 0.33 0.00	36.52 0.33 0.00	40.61 0.03 0.00	38.72 0.12 0.00	42.60 0.02 0.00	58.98 -0.33 0.00	33.76 -0.18 0.00	40.34 0.07 0.00	35.49 0.05 0.00	32.64 0.36 0.00	32.40 0.38 0.00
STA_82___115KV_TB1 80780	27.81 0.99 0.00	20.95 0.77 0.00	17.55 0.58 0.00	16.19 0.47 0.00	14.81 0.32 0.00	16.31 0.37 0.00	19.22 0.50 0.00	19.85 0.43 0.00	27.79 0.94 0.00	30.52 1.04 0.00	31.04 0.83 0.00	27.76 0.39 0.00	27.59 0.31 0.00	27.37 0.10 0.00	36.22 0.04 0.00	40.26 -0.31 0.00	38.39 -0.22 0.00	42.22 -0.36 0.00	58.47 -0.85 0.00	33.46 -0.46 0.00	40.00 -0.26 0.00	35.20 -0.23 0.00	32.41 0.13 0.00	32.19 0.16 0.00
STEEL___WIND 323596	28.26 1.44 0.00	21.31 1.12 0.00	17.83 0.86 0.00	16.41 0.69 0.00	14.96 0.47 0.00	16.48 0.53 0.00	19.52 0.80 0.00	20.11 0.68 0.00	28.42 1.57 0.00	31.12 1.64 0.00	31.49 1.28 0.00	27.94 0.57 0.00	27.83 0.55 0.00	27.52 0.25 0.00	36.28 0.10 0.00	39.94 -0.63 0.00	38.11 -0.50 0.00	41.78 -0.80 0.00	57.25 -2.06 0.00	32.85 -1.09 0.00	39.52 -0.75 0.00	34.88 -0.55 0.00	32.44 0.16 0.00	32.23 0.20 0.00
STEPHTWN_115KV_BK_2 55603	27.19 0.37 0.00	20.42 0.23 0.00	17.17 0.20 0.00	15.94 0.22 0.00	14.71 0.22 0.00	16.23 0.28 0.00	19.05 0.32 0.00	19.93 0.51 0.00	27.23 0.49 0.12	29.43 0.59 0.63	30.74 0.53 0.00	27.88 0.51 0.00	27.81 0.52 0.00	27.67 0.62 0.22	37.21 1.09 0.07	41.81 1.23 0.00	39.80 1.19 0.00	43.94 1.36 0.00	61.44 2.13 0.00	35.23 1.30 0.00	41.79 1.52 0.00	36.64 1.20 0.00	33.32 1.04 0.00	32.97 0.94 0.00
STEUBEN_REC_LFGE 323667	28.28 1.46 0.00	21.05 0.86 0.00	17.66 0.69 0.00	16.31 0.59 0.00	14.89 0.40 0.00	16.51 0.56 0.00	19.70 0.98 0.00	20.50 1.08 0.00	28.91 2.05 0.00	31.55 2.07 0.00	32.12 1.91 0.00	28.56 1.19 0.00	28.28 0.99 0.00	28.04 0.77 0.00	37.15 0.97 0.00	41.35 0.77 0.00	39.31 0.70 0.00	43.21 0.63 0.00	59.79 0.48 0.00	34.30 0.37 0.00	41.00 0.73 0.00	36.27 0.83 0.00	33.33 1.06 0.00	33.04 1.02 0.00

STONY___BROOK 24151	28.86 2.03 0.00	22.65 1.71 -0.77	18.24 1.27 0.00	16.90 1.17 0.00	15.61 1.11 0.00	17.19 1.24 0.00	19.95 1.23 0.00	20.60 1.17 0.00	28.67 1.69 -0.13	32.14 2.00 -0.66	34.80 2.85 -1.74	36.12 2.92 -5.83	140.93 2.90 -110.75	226.40 2.97 -196.15	141.24 3.88 -101.18	549.23 4.65 -504.01	386.89 4.36 -343.92	412.11 4.63 -364.90	414.31 6.52 -348.47	166.42 3.51 -128.98	73.50 4.03 -29.20	39.10 3.38 -0.28	35.91 3.25 -0.38	34.94 2.92 0.00
STURGEON_POOL_HYD 23609	27.72 0.89 0.00	20.80 0.62 0.00	17.47 0.49 0.00	16.17 0.45 0.00	14.94 0.45 0.00	16.42 0.48 0.00	19.32 0.60 0.00	20.15 0.73 0.00	27.97 1.06 -0.05	31.09 1.35 -0.27	31.80 1.59 0.00	28.99 1.62 0.00	29.00 1.72 0.00	29.23 1.86 -0.09	38.67 2.46 -0.03	43.64 3.07 0.00	41.59 2.98 0.00	45.88 3.30 0.00	63.95 4.63 0.00	36.39 2.46 0.00	43.11 2.83 0.00	37.79 2.35 0.00	34.39 2.11 0.00	33.80 1.78 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.57 0.75 0.00	20.70 0.52 0.00	17.36 0.39 0.00	16.08 0.36 0.00	14.88 0.38 0.00	16.36 0.41 0.00	19.26 0.54 0.00	20.07 0.65 0.00	27.87 0.90 -0.11	31.17 1.13 -0.56	31.57 1.36 0.00	28.76 1.39 0.00	28.78 1.49 0.00	29.06 1.59 -0.20	38.41 2.17 -0.06	43.24 2.67 0.00	41.19 2.58 0.00	45.43 2.86 0.00	63.32 4.01 0.00	36.02 2.09 0.00	42.70 2.43 0.00	37.41 1.98 0.00	34.04 1.76 0.00	33.49 1.46 0.00
SWANROAD_115KV_TB1 355699	27.69 0.86 0.00	20.90 0.72 0.00	17.49 0.52 0.00	16.09 0.37 0.00	14.66 0.16 0.00	16.10 0.15 0.00	19.03 0.31 0.00	19.50 0.07 0.00	27.55 0.70 0.00	30.03 0.55 0.00	30.26 0.05 0.00	26.84 -0.53 0.00	26.67 -0.62 0.00	26.30 -0.97 0.00	34.61 -1.57 0.00	38.06 -2.52 0.00	36.33 -2.28 0.00	39.79 -2.79 0.00	54.61 -4.71 0.00	31.45 -2.48 0.00	37.91 -2.36 0.00	33.49 -1.95 0.00	31.40 -0.88 0.00	31.37 -0.65 0.00
SYNERGY___BIOGAS 323694	28.71 1.89 0.00	21.61 1.43 0.00	18.08 1.11 0.00	16.63 0.91 0.00	15.18 0.69 0.00	16.71 0.76 0.00	19.82 1.10 0.00	20.42 1.00 0.00	28.82 1.96 0.00	31.59 2.12 0.00	31.99 1.78 0.00	28.43 1.06 0.00	28.17 0.88 0.00	27.79 0.52 0.00	36.51 0.33 0.00	40.34 -0.24 0.00	38.59 -0.02 0.00	42.36 -0.22 0.00	58.40 -0.92 0.00	33.57 -0.36 0.00	40.36 0.09 0.00	35.53 0.09 0.00	32.93 0.65 0.00	32.75 0.72 0.00
SYRACUSE___ENERGY_ST1 323597	27.17 0.34 0.00	20.40 0.22 0.00	17.14 0.17 0.00	15.88 0.15 0.00	14.63 0.14 0.00	16.09 0.15 0.00	18.93 0.21 0.00	19.61 0.18 0.00	27.15 0.28 0.00	29.77 0.30 0.00	30.52 0.30 0.00	27.54 0.17 0.00	27.41 0.13 0.00	27.36 0.08 0.00	36.23 0.05 0.00	40.56 -0.02 0.00	38.60 -0.01 0.00	42.55 -0.02 0.00	59.18 -0.13 0.00	33.85 -0.08 0.00	40.28 0.01 0.00	35.37 -0.06 0.00	32.26 -0.02 0.00	32.11 0.08 0.00
SYRACUSE___ENERGY_ST2 323598	27.17 0.34 0.00	20.40 0.22 0.00	17.14 0.17 0.00	15.88 0.15 0.00	14.63 0.14 0.00	16.09 0.15 0.00	18.93 0.21 0.00	19.61 0.18 0.00	27.15 0.28 0.00	29.77 0.30 0.00	30.52 0.30 0.00	27.54 0.17 0.00	27.41 0.13 0.00	27.36 0.08 0.00	36.23 0.05 0.00	40.56 -0.02 0.00	38.60 -0.01 0.00	42.55 -0.02 0.00	59.18 -0.13 0.00	33.85 -0.08 0.00	40.28 0.01 0.00	35.37 -0.06 0.00	32.26 -0.02 0.00	32.11 0.08 0.00
SYRACUSE___POWER 24017	27.15 0.33 0.00	20.40 0.22 0.00	17.13 0.16 0.00	15.86 0.14 0.00	14.62 0.12 0.00	16.08 0.14 0.00	18.92 0.20 0.00	19.60 0.17 0.00	27.13 0.27 0.00	29.75 0.27 0.00	30.49 0.28 0.00	27.54 0.17 0.00	27.41 0.13 0.00	27.34 0.06 0.00	36.23 0.05 0.00	40.57 -0.01 0.00	38.61 0.00 0.00	42.56 -0.02 0.00	59.17 -0.15 0.00	33.82 -0.11 0.00	40.24 -0.04 0.00	35.34 -0.09 0.00	32.23 -0.05 0.00	32.07 0.04 0.00
TALLMAN__138KV_BK151 55660	27.64 0.81 0.00	20.78 0.60 0.00	17.41 0.44 0.00	16.12 0.40 0.00	14.91 0.41 0.00	16.41 0.46 0.00	19.31 0.59 0.00	20.14 0.71 0.00	27.97 1.00 -0.11	31.34 1.26 -0.60	31.75 1.54 0.00	28.94 1.57 0.00	28.97 1.68 0.00	29.27 1.79 -0.21	38.68 2.44 -0.06	43.57 3.00 0.00	41.50 2.90 0.00	45.77 3.19 0.00	63.76 4.45 0.00	36.22 2.29 0.00	42.91 2.64 0.00	37.59 2.16 0.00	34.22 1.94 0.00	33.62 1.59 0.00
TEALLAVE_115KV_TB7 355573	27.04 0.21 0.00	20.32 0.13 0.00	17.06 0.09 0.00	15.79 0.07 0.00	14.55 0.06 0.00	16.01 0.06 0.00	18.82 0.10 0.00	19.48 0.06 0.00	26.96 0.10 0.00	29.56 0.09 0.00	30.28 0.07 0.00	27.35 -0.02 0.00	27.22 -0.06 0.00	27.15 -0.12 0.00	35.99 -0.19 0.00	40.29 -0.29 0.00	38.33 -0.28 0.00	42.23 -0.34 0.00	58.73 -0.59 0.00	33.57 -0.36 0.00	39.94 -0.33 0.00	35.08 -0.35 0.00	32.02 -0.25 0.00	31.89 -0.14 0.00
TELGRAPH_34_KV_EAST 80808	28.24 1.42 0.00	21.27 1.09 0.00	17.80 0.83 0.00	16.38 0.66 0.00	14.93 0.44 0.00	16.42 0.47 0.00	19.44 0.72 0.00	19.98 0.56 0.00	28.23 1.37 0.00	30.87 1.39 0.00	31.17 0.96 0.00	27.68 0.31 0.00	27.48 0.20 0.00	27.11 -0.16 0.00	35.73 -0.45 0.00	39.36 -1.22 0.00	37.57 -1.03 0.00	41.20 -1.38 0.00	56.68 -2.64 0.00	32.58 -1.35 0.00	39.23 -1.04 0.00	34.59 -0.84 0.00	32.26 -0.02 0.00	32.12 0.09 0.00
TEMPLE___115KV_TB 2 55572	27.06 0.23 0.00	20.34 0.15 0.00	17.08 0.11 0.00	15.81 0.08 0.00	14.57 0.07 0.00	16.02 0.08 0.00	18.84 0.12 0.00	19.50 0.07 0.00	26.99 0.13 0.00	29.60 0.13 0.00	30.33 0.11 0.00	27.39 0.02 0.00	27.27 -0.02 0.00	27.19 -0.08 0.00	36.04 -0.14 0.00	40.34 -0.24 0.00	38.37 -0.24 0.00	42.29 -0.29 0.00	58.79 -0.53 0.00	33.60 -0.33 0.00	39.98 -0.29 0.00	35.11 -0.33 0.00	32.05 -0.23 0.00	31.92 -0.11 0.00
TIANA____69_KV_BK 1 55817	29.48 2.65 0.00	23.10 2.15 -0.77	18.61 1.64 0.00	17.23 1.51 0.00	15.88 1.38 0.00	17.53 1.59 0.00	20.36 1.64 0.00	21.05 1.63 0.00	29.38 2.40 -0.13	33.01 2.87 -0.66	35.67 3.72 -1.74	36.76 3.73 -5.66	131.40 3.69 -100.42	191.60 3.73 -160.59	118.51 5.01 -77.31	470.54 5.99 -423.97	328.10 5.70 -283.79	377.71 6.07 -329.05	374.64 8.50 -306.82	153.39 4.70 -114.76	67.71 5.41 -22.02	40.17 4.46 -0.28	36.88 4.23 -0.38	35.79 3.76 0.00
TILDEN___115KV_TB1 80814	27.15 0.33 0.00	20.40 0.22 0.00	17.13 0.16 0.00	15.86 0.14 0.00	14.62 0.12 0.00	16.08 0.14 0.00	18.92 0.20 0.00	19.60 0.17 0.00	27.13 0.27 0.00	29.75 0.27 0.00	30.49 0.28 0.00	27.54 0.17 0.00	27.41 0.13 0.00	27.34 0.06 0.00	36.23 0.05 0.00	40.57 -0.01 0.00	38.61 0.00 0.00	42.56 -0.02 0.00	59.17 -0.15 0.00	33.82 -0.11 0.00	40.24 -0.04 0.00	35.34 -0.09 0.00	32.23 -0.05 0.00	32.07 0.04 0.00
TRIGEN___CC 323695	28.25 1.43 0.00	22.09 1.14 -0.77	17.80 0.83 0.00	16.49 0.77 0.00	15.22 0.73 0.00	16.78 0.83 0.00	19.63 0.91 0.00	20.39 0.97 0.00	28.35 1.37 -0.13	31.79 1.65 -0.66	34.15 2.20 -1.74	34.50 2.18 -4.95	36.71 2.22 -7.21	45.57 2.31 -15.99	43.37 3.08 -4.10	55.10 3.78 -10.74	51.91 3.57 -9.73	46.42 3.84 0.00	89.10 5.43 -24.35	37.50 2.86 -0.70	43.57 3.30 0.00	38.51 2.80 -0.27	35.27 2.61 -0.38	34.31 2.28 0.00

TRINITY__115KV__4 BK 55933	26.95 0.12 0.00	20.29 0.11 0.00	17.09 0.12 0.00	15.85 0.13 0.00	14.62 0.13 0.00	16.09 0.14 0.00	18.85 0.12 0.00	19.63 0.21 0.00	26.91 0.17 0.12	29.09 0.24 0.64	30.42 0.21 0.00	27.65 0.28 0.00	27.58 0.29 0.00	27.43 0.38 0.22	36.75 0.63 0.07	41.40 0.82 0.00	39.35 0.75 0.00	43.42 0.84 0.00	60.70 1.38 0.00	34.74 0.81 0.00	41.34 1.07 0.00	36.22 0.79 0.00	33.01 0.73 0.00	32.65 0.63 0.00
UNION__PROCESSING_DRP 323587	27.82 1.00 0.00	20.96 0.78 0.00	17.56 0.59 0.00	16.20 0.48 0.00	14.82 0.33 0.00	16.33 0.38 0.00	19.23 0.51 0.00	19.86 0.44 0.00	27.81 0.95 0.00	30.53 1.06 0.00	31.06 0.85 0.00	27.77 0.40 0.00	27.60 0.32 0.00	27.39 0.12 0.00	36.22 0.04 0.00	40.28 -0.29 0.00	38.39 -0.22 0.00	42.23 -0.35 0.00	58.48 -0.84 0.00	33.48 -0.45 0.00	40.02 -0.25 0.00	35.21 -0.22 0.00	32.41 0.13 0.00	32.20 0.17 0.00
UPPER HUDSON__HYD 24058	27.93 1.11 0.00	20.83 0.64 0.00	17.37 0.40 0.00	16.12 0.39 0.00	14.87 0.38 0.00	16.39 0.44 0.00	19.24 0.52 0.00	19.96 0.53 0.00	27.38 0.65 0.13	29.59 0.80 0.69	30.86 0.65 0.00	28.08 0.71 0.00	28.06 0.78 0.00	27.77 0.73 0.24	37.38 1.27 0.07	42.21 1.64 0.00	40.12 1.51 0.00	44.25 1.67 0.00	61.97 2.65 0.00	35.66 1.73 0.00	42.44 2.17 0.00	37.07 1.64 0.00	33.64 1.36 0.00	33.18 1.15 0.00
UPPER RAQUET__HYD 24056	23.00 -3.83 0.00	17.55 -2.63 0.00	14.79 -2.18 0.00	13.82 -1.90 0.00	12.67 -1.82 0.00	14.26 -1.69 0.00	16.99 -1.74 0.00	17.71 -1.71 0.00	24.81 -2.05 0.00	26.48 -3.00 0.00	26.65 -3.56 0.00	24.27 -3.10 0.00	24.08 -3.21 0.00	23.83 -3.45 0.00	31.63 -4.55 0.00	38.78 -1.80 0.00	37.39 -1.22 0.00	41.26 -1.32 0.00	57.59 -1.72 0.00	33.05 -0.88 0.00	39.07 -1.20 0.00	34.44 -0.99 0.00	31.12 -1.16 0.00	30.77 -1.26 0.00
VALLEY44_115KV_TB2 355964	28.26 1.43 0.00	21.22 1.03 0.00	17.74 0.77 0.00	16.36 0.64 0.00	15.02 0.53 0.00	16.56 0.61 0.00	19.66 0.94 0.00	20.41 0.98 0.00	28.81 1.95 0.00	31.60 2.12 0.00	32.07 1.86 0.00	28.39 1.02 0.00	28.43 1.15 0.00	28.18 0.91 0.00	37.16 0.98 0.00	41.22 0.64 0.00	39.37 0.76 0.00	43.19 0.61 0.00	59.09 -0.22 0.00	33.69 -0.24 0.00	40.34 0.07 0.00	35.67 0.23 0.00	32.93 0.65 0.00	32.48 0.45 0.00
VALLEY__115KV_TB 1-4 80826	26.63 -0.19 0.00	19.90 -0.28 0.00	16.70 -0.27 0.00	15.45 -0.27 0.00	14.31 -0.18 0.00	15.73 -0.22 0.00	18.57 -0.15 0.00	19.35 -0.07 0.00	26.73 -0.13 0.00	29.29 -0.19 0.00	30.11 -0.10 0.00	27.26 -0.11 0.00	27.28 0.00 0.00	27.36 0.09 0.00	36.33 0.15 0.00	41.02 0.44 0.00	39.01 0.40 0.00	43.19 0.61 0.00	60.23 0.91 0.00	34.48 0.55 0.00	40.96 0.69 0.00	35.85 0.42 0.00	32.58 0.30 0.00	32.13 0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.73 0.90 0.00	20.91 0.73 0.00	17.57 0.60 0.00	16.27 0.54 0.00	14.97 0.48 0.00	16.54 0.59 0.00	19.37 0.65 0.00	20.15 0.73 0.00	27.95 1.09 0.00	30.71 1.23 0.00	31.52 1.31 0.00	28.56 1.20 0.00	28.50 1.22 0.00	28.49 1.21 0.00	37.73 1.55 0.00	42.35 1.78 0.00	40.26 1.65 0.00	44.43 1.85 0.00	61.90 2.59 0.00	35.40 1.47 0.00	42.06 1.79 0.00	36.92 1.48 0.00	33.61 1.33 0.00	33.22 1.19 0.00
VISCHER__FERRY HYD 24020	27.39 0.57 0.00	20.61 0.43 0.00	17.35 0.38 0.00	16.11 0.38 0.00	14.85 0.36 0.00	16.35 0.40 0.00	19.14 0.42 0.00	19.92 0.49 0.00	27.23 0.54 0.17	29.24 0.67 0.90	30.83 0.62 0.00	28.04 0.67 0.00	27.96 0.68 0.00	27.72 0.75 0.31	37.33 1.24 0.09	42.07 1.49 0.00	40.02 1.41 0.00	44.16 1.58 0.00	61.81 2.49 0.00	35.41 1.48 0.00	42.20 1.93 0.00	36.91 1.48 0.00	33.63 1.35 0.00	33.23 1.20 0.00
V_A_10_SYNC_DSASP 323832	27.60 0.77 0.00	20.82 0.64 0.00	17.42 0.45 0.00	16.05 0.33 0.00	14.64 0.15 0.00	16.11 0.16 0.00	19.03 0.31 0.00	19.57 0.15 0.00	27.59 0.73 0.00	30.21 0.74 0.00	30.57 0.36 0.00	27.15 -0.21 0.00	27.03 -0.25 0.00	26.74 -0.54 0.00	35.31 -0.87 0.00	38.99 -1.59 0.00	37.18 -1.43 0.00	40.73 -1.85 0.00	56.07 -3.24 0.00	32.17 -1.76 0.00	38.67 -1.60 0.00	34.15 -1.29 0.00	31.75 -0.53 0.00	31.59 -0.43 0.00
V_CMM_10_SYNC_DSASP 323787	23.29 -3.53 0.00	17.80 -2.38 0.00	14.99 -1.99 0.00	13.96 -1.76 0.00	12.76 -1.73 0.00	14.38 -1.57 0.00	17.09 -1.63 0.00	17.80 -1.62 0.00	24.92 -1.94 0.00	26.54 -2.94 0.00	26.84 -3.37 0.00	24.53 -2.84 0.00	24.40 -2.89 0.00	24.17 -3.10 0.00	32.15 -4.04 0.00	39.72 -0.85 0.00	38.30 -0.31 0.00	42.24 -0.34 0.00	58.80 -0.51 0.00	33.67 -0.25 0.00	39.84 -0.43 0.00	35.16 -0.27 0.00	31.86 -0.41 0.00	31.59 -0.44 0.00
V_CMP_10_SYNC_DSASP 323788	23.35 -3.48 0.00	17.98 -2.20 0.00	15.18 -1.80 0.00	14.27 -1.46 0.00	13.06 -1.44 0.00	14.74 -1.21 0.00	17.52 -1.20 0.00	18.29 -1.13 0.00	25.83 -1.02 0.00	27.89 -1.59 0.00	28.16 -2.06 0.00	25.73 -1.64 0.00	25.48 -1.80 0.00	25.23 -2.04 0.00	33.60 -2.58 0.00	41.18 0.61 0.00	40.02 1.41 0.00	44.19 1.61 0.00	61.31 1.99 0.00	35.26 1.32 0.00	41.67 1.41 0.00	36.49 1.06 0.00	33.14 0.86 0.00	32.91 0.88 0.00
V_E_10_SYNC_DSASP 323830	29.02 2.19 0.00	21.72 1.54 0.00	18.20 1.23 0.00	16.86 1.13 0.00	15.56 1.06 0.00	17.15 1.20 0.00	20.48 1.76 0.00	21.41 1.99 0.00	29.76 2.90 0.00	32.38 2.90 0.00	33.37 3.16 0.00	30.01 2.65 0.00	29.86 2.57 0.00	29.63 2.36 0.00	39.04 2.86 0.00	43.65 3.08 0.00	41.89 3.28 0.00	46.27 3.69 0.00	64.44 5.13 0.00	36.97 3.04 0.00	44.06 3.80 0.00	38.57 3.14 0.00	34.90 2.62 0.00	34.37 2.34 0.00
V_F_30_NSYNC__DSASP 323816	27.90 1.07 0.00	20.93 0.75 0.00	17.59 0.61 0.00	16.31 0.59 0.00	15.04 0.54 0.00	16.56 0.62 0.00	19.42 0.71 0.00	20.23 0.80 0.00	27.71 0.99 0.14	29.90 1.14 0.72	31.33 1.12 0.00	28.46 1.09 0.00	28.45 1.16 0.00	28.21 1.19 0.25	37.93 1.83 0.07	42.78 2.20 0.00	40.67 2.06 0.00	44.84 2.26 0.00	62.69 3.37 0.00	35.96 2.03 0.00	42.80 2.53 0.00	37.41 1.98 0.00	34.03 1.75 0.00	33.59 1.56 0.00
V_F_30_SYNC_DSASP 323786	27.07 0.25 0.00	20.37 0.19 0.00	17.15 0.18 0.00	15.90 0.18 0.00	14.68 0.19 0.00	16.15 0.20 0.00	18.93 0.22 0.00	19.73 0.30 0.00	27.05 0.32 0.12	29.24 0.41 0.65	30.62 0.41 0.00	27.84 0.47 0.00	27.78 0.49 0.00	27.63 0.58 0.22	37.00 0.89 0.07	41.69 1.12 0.00	39.64 1.03 0.00	43.73 1.15 0.00	61.11 1.79 0.00	34.95 1.02 0.00	41.57 1.30 0.00	36.41 0.98 0.00	33.17 0.89 0.00	32.81 0.78 0.00
V_XM_10_SYNC_DSASP 323789	23.35 -3.48 0.00	17.98 -2.20 0.00	15.18 -1.80 0.00	14.27 -1.46 0.00	13.06 -1.44 0.00	14.74 -1.21 0.00	17.52 -1.20 0.00	18.29 -1.13 0.00	25.83 -1.02 0.00	27.89 -1.59 0.00	28.16 -2.06 0.00	25.73 -1.64 0.00	25.48 -1.80 0.00	25.23 -2.04 0.00	33.60 -2.58 0.00	41.18 0.61 0.00	40.02 1.41 0.00	44.19 1.61 0.00	61.31 1.99 0.00	35.26 1.32 0.00	41.67 1.41 0.00	36.49 1.06 0.00	33.14 0.86 0.00	32.91 0.88 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.75 0.93 0.00	20.86 0.68 0.00	17.48 0.51 0.00	16.18 0.46 0.00	14.97 0.47 0.00	16.47 0.52 0.00	19.39 0.67 0.00	20.23 0.81 0.00	28.10 1.13 -0.11	31.49 1.40 -0.61	31.90 1.69 0.00	29.08 1.71 0.00	29.11 1.82 0.00	29.42 1.94 -0.21	38.89 2.64 -0.06	43.81 3.23 0.00	41.73 3.12 0.00	46.01 3.43 0.00	64.08 4.77 0.00	36.41 2.48 0.00	43.13 2.86 0.00	37.77 2.34 0.00	34.38 2.10 0.00	33.77 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	27.92 1.09 0.00	20.99 0.81 0.00	17.59 0.62 0.00	16.28 0.56 0.00	15.06 0.57 0.00	16.58 0.63 0.00	19.51 0.79 0.00	20.37 0.95 0.00	28.32 1.34 -0.12	31.78 1.63 -0.66	32.17 1.96 0.00	29.31 1.95 0.00	29.32 2.04 0.00	29.66 2.16 -0.23	39.17 2.92 -0.07	44.15 3.57 0.00	41.98 3.37 0.00	46.26 3.68 0.00	64.36 5.04 0.00	36.53 2.60 0.00	43.34 3.07 0.00	38.00 2.56 0.00	34.58 2.30 0.00	33.97 1.94 0.00
W50THST__13_KV_LOAD 356117	28.07 1.24 0.00	21.10 0.91 0.00	17.67 0.70 0.00	16.36 0.63 0.00	15.15 0.65 0.00	16.67 0.72 0.00	19.64 0.92 0.00	20.53 1.11 0.00	28.56 1.58 -0.12	32.06 1.92 -0.66	32.44 2.22 0.00	29.55 2.18 0.00	29.57 2.28 0.00	29.89 2.39 -0.23	39.47 3.22 -0.07	44.49 3.91 0.00	42.29 3.68 0.00	46.59 4.02 0.00	64.79 5.47 0.00	36.76 2.83 0.00	43.60 3.33 0.00	38.23 2.80 0.00	34.78 2.50 0.00	34.15 2.12 0.00
WADING RIVER_IC_1 23522	29.15 2.32 0.00	22.87 1.92 -0.77	18.43 1.45 0.00	17.06 1.34 0.00	15.78 1.29 0.00	17.36 1.41 0.00	20.16 1.44 0.00	20.83 1.40 0.00	29.01 2.03 -0.13	32.54 2.40 -0.66	35.17 3.22 -1.74	36.28 3.25 -5.66	131.14 3.22 -100.64	191.03 3.23 -160.52	117.68 4.35 -77.16	470.00 5.20 -424.23	327.35 4.93 -283.81	377.63 5.21 -329.84	374.01 7.42 -307.27	153.05 4.12 -115.00	67.00 4.75 -21.98	39.66 3.94 -0.28	36.40 3.74 -0.38	35.35 3.33 0.00
WADING RIVER_IC_2 23547	29.15 2.32 0.00	22.87 1.92 -0.77	18.43 1.45 0.00	17.06 1.34 0.00	15.78 1.29 0.00	17.36 1.41 0.00	20.16 1.44 0.00	20.83 1.40 0.00	29.01 2.03 -0.13	32.54 2.40 -0.66	35.17 3.22 -1.74	36.28 3.25 -5.66	131.14 3.22 -100.64	191.03 3.23 -160.52	117.68 4.35 -77.16	470.00 5.20 -424.23	327.35 4.93 -283.81	377.63 5.21 -329.84	374.01 7.42 -307.27	153.05 4.12 -115.00	67.00 4.75 -21.98	39.66 3.94 -0.28	36.40 3.74 -0.38	35.35 3.33 0.00
WADING RIVER_IC_3 23601	29.15 2.32 0.00	22.87 1.92 -0.77	18.43 1.45 0.00	17.06 1.34 0.00	15.78 1.29 0.00	17.36 1.41 0.00	20.16 1.44 0.00	20.83 1.40 0.00	29.01 2.03 -0.13	32.54 2.40 -0.66	35.17 3.22 -1.74	36.28 3.25 -5.66	131.14 3.22 -100.64	191.03 3.23 -160.52	117.68 4.35 -77.16	470.00 5.20 -424.23	327.35 4.93 -283.81	377.63 5.21 -329.84	374.01 7.42 -307.27	153.05 4.12 -115.00	67.00 4.75 -21.98	39.66 3.94 -0.28	36.40 3.74 -0.38	35.35 3.33 0.00
WALDENNY_I2_KV_BK2 80841	28.31 1.48 0.00	21.32 1.14 0.00	17.84 0.87 0.00	16.43 0.71 0.00	14.99 0.50 0.00	16.49 0.54 0.00	19.53 0.81 0.00	20.12 0.70 0.00	28.44 1.59 0.00	31.14 1.66 0.00	31.51 1.30 0.00	27.96 0.59 0.00	27.85 0.57 0.00	27.54 0.26 0.00	36.30 0.12 0.00	39.97 -0.61 0.00	38.12 -0.48 0.00	41.78 -0.80 0.00	57.27 -2.04 0.00	32.86 -1.07 0.00	39.53 -0.74 0.00	34.88 -0.55 0.00	32.47 0.19 0.00	32.25 0.22 0.00
WALDEN__HYDRO 24148	27.87 1.04 0.00	20.94 0.75 0.00	17.56 0.60 0.00	16.26 0.54 0.00	15.03 0.53 0.00	16.53 0.58 0.00	19.44 0.72 0.00	20.27 0.85 0.00	28.15 1.20 -0.10	31.42 1.43 -0.51	31.85 1.64 0.00	29.00 1.63 0.00	29.10 1.82 0.00	29.38 1.93 -0.18	38.82 2.58 -0.05	43.66 3.09 0.00	41.61 3.00 0.00	45.96 3.38 0.00	64.12 4.80 0.00	36.53 2.60 0.00	43.34 3.07 0.00	37.95 2.52 0.00	34.49 2.21 0.00	33.90 1.87 0.00
WARRENSBURG____ 23737	27.93 1.11 0.00	20.83 0.64 0.00	17.37 0.40 0.00	16.12 0.39 0.00	14.87 0.38 0.00	16.39 0.44 0.00	19.24 0.52 0.00	19.96 0.53 0.00	27.38 0.65 0.13	29.59 0.80 0.69	30.86 0.65 0.00	28.08 0.71 0.00	28.06 0.78 0.00	27.77 0.73 0.24	37.38 1.27 0.07	42.21 1.64 0.00	40.12 1.51 0.00	44.25 1.67 0.00	61.97 2.65 0.00	35.66 1.73 0.00	42.44 2.17 0.00	37.07 1.64 0.00	33.64 1.36 0.00	33.18 1.15 0.00
WATERSIDE____6 8 9 23538	27.99 1.16 0.00	21.06 0.87 0.00	17.64 0.67 0.00	16.32 0.60 0.00	15.11 0.61 0.00	16.61 0.67 0.00	19.55 0.83 0.00	20.42 0.99 0.00	28.38 1.40 -0.12	31.82 1.68 -0.66	32.18 1.97 0.00	29.33 1.96 0.00	29.32 2.03 0.00	29.64 2.14 -0.23	39.06 2.81 -0.07	44.00 3.42 0.00	41.88 3.27 0.00	46.15 3.57 0.00	64.14 4.83 0.00	36.47 2.54 0.00	43.23 2.96 0.00	37.98 2.55 0.00	34.65 2.37 0.00	34.07 2.04 0.00
WATKINRD_115KV_LN8_ILLION 55919	26.65 -0.17 0.00	19.99 -0.19 0.00	16.80 -0.17 0.00	15.56 -0.16 0.00	14.38 -0.11 0.00	15.82 -0.13 0.00	18.61 -0.11 0.00	19.36 -0.07 0.00	26.73 -0.12 0.00	29.30 -0.18 0.00	30.08 -0.14 0.00	27.24 -0.13 0.00	27.24 -0.04 0.00	27.29 0.02 0.00	36.21 0.03 0.00	40.88 0.30 0.00	38.92 0.32 0.00	43.03 0.45 0.00	60.05 0.74 0.00	34.37 0.44 0.00	40.85 0.58 0.00	35.79 0.36 0.00	32.52 0.24 0.00	32.12 0.09 0.00
WATSON__69_KV_BK 1 55734	29.15 2.32 0.00	22.79 1.85 -0.77	18.36 1.39 0.00	17.00 1.28 0.00	15.68 1.18 0.00	17.30 1.35 0.00	20.18 1.45 0.00	20.91 1.48 0.00	29.11 2.12 -0.13	32.62 2.48 -0.66	35.25 3.30 -1.74	35.95 3.28 -5.30	83.44 3.28 -52.87	118.30 3.35 -87.67	81.27 4.44 -40.65	260.54 5.31 -214.66	188.96 5.07 -145.28	209.20 5.45 -161.17	230.10 7.61 -163.18	94.70 4.12 -56.65	56.05 4.78 -10.99	39.72 4.01 -0.28	36.45 3.79 -0.38	35.41 3.39 0.00
WDELAWARE__HYD 323627	27.66 0.83 0.00	20.77 0.58 0.00	17.42 0.45 0.00	16.12 0.40 0.00	14.89 0.39 0.00	16.39 0.45 0.00	19.26 0.54 0.00	20.10 0.68 0.00	28.03 1.10 -0.07	31.17 1.34 -0.35	31.84 1.63 0.00	28.77 1.41 0.00	28.87 1.59 0.00	29.03 1.64 -0.12	38.17 1.96 -0.04	43.13 2.55 0.00	41.15 2.54 0.00	45.51 2.93 0.00	63.58 4.26 0.00	36.19 2.26 0.00	42.89 2.62 0.00	37.51 2.08 0.00	34.06 1.78 0.00	33.43 1.41 0.00
WEST BABYLON__IC 23714	28.99 2.17 0.00	22.66 1.72 -0.77	18.26 1.29 0.00	16.90 1.18 0.00	15.60 1.10 0.00	17.20 1.25 0.00	20.08 1.36 0.00	20.83 1.40 0.00	29.00 2.02 -0.13	32.47 2.33 -0.66	35.04 3.09 -1.74	35.42 3.02 -5.03	49.14 3.03 -18.83	64.01 3.12 -33.62	53.21 4.13 -12.90	107.09 4.96 -61.55	86.65 4.76 -43.29	88.72 5.11 -41.04	125.81 7.14 -59.36	52.67 3.85 -14.89	47.39 4.47 -2.65	39.49 3.78 -0.28	36.27 3.61 -0.38	35.22 3.20 0.00
WEST CANADA__HYD 24049	26.67 -0.16 0.00	20.08 -0.10 0.00	16.89 -0.08 0.00	15.66 -0.06 0.00	14.43 -0.06 0.00	15.88 -0.06 0.00	18.64 -0.08 0.00	19.34 -0.09 0.00	26.74 -0.11 0.00	29.33 -0.15 0.00	30.06 -0.16 0.00	27.24 -0.13 0.00	27.17 -0.11 0.00	27.15 -0.12 0.00	36.03 -0.15 0.00	40.65 0.07 0.00	38.69 0.08 0.00	42.68 0.10 0.00	59.49 0.18 0.00	34.02 0.09 0.00	40.40 0.13 0.00	35.50 0.07 0.00	32.34 0.06 0.00	32.06 0.03 0.00



WESTERN_NY_WIND 24143	28.69 1.86 0.00	21.59 1.41 0.00	18.06 1.09 0.00	16.62 0.89 0.00	15.17 0.68 0.00	16.69 0.74 0.00	19.80 1.08 0.00	20.40 0.98 0.00	28.79 1.94 0.00	31.57 2.09 0.00	31.94 1.73 0.00	28.38 1.01 0.00	28.12 0.83 0.00	27.74 0.47 0.00	36.44 0.26 0.00	40.26 -0.31 0.00	38.52 -0.09 0.00	42.27 -0.31 0.00	58.26 -1.05 0.00	33.50 -0.43 0.00	40.28 0.01 0.00	35.46 0.03 0.00	32.89 0.61 0.00	32.70 0.68 0.00
WESTOVER___LESR 323668	27.47 0.64 0.00	20.61 0.43 0.00	17.30 0.33 0.00	16.02 0.29 0.00	14.78 0.28 0.00	16.26 0.31 0.00	19.18 0.46 0.00	19.97 0.55 0.00	27.77 0.91 0.00	30.41 0.93 0.00	31.21 1.00 0.00	28.15 0.78 0.00	28.10 0.81 0.00	28.04 0.77 0.00	37.13 0.95 0.00	41.58 1.00 0.00	39.57 0.96 0.00	43.60 1.02 0.00	60.31 0.99 0.00	34.44 0.51 0.00	41.04 0.77 0.00	36.07 0.63 0.00	32.86 0.58 0.00	32.51 0.49 0.00
WETHRSFD_WT_PWR 323626	27.88 1.06 0.00	21.01 0.83 0.00	17.57 0.60 0.00	16.20 0.48 0.00	14.81 0.31 0.00	16.35 0.41 0.00	19.39 0.67 0.00	20.04 0.62 0.00	28.25 1.39 0.00	30.86 1.39 0.00	31.35 1.14 0.00	27.86 0.49 0.00	27.73 0.44 0.00	27.45 0.18 0.00	36.28 0.10 0.00	40.08 -0.49 0.00	38.19 -0.41 0.00	41.88 -0.70 0.00	57.59 -1.72 0.00	33.07 -0.86 0.00	39.71 -0.56 0.00	35.09 -0.35 0.00	32.44 0.16 0.00	32.20 0.18 0.00
WHAVSTOR_138KV_BK127 55557	27.58 0.76 0.00	20.74 0.56 0.00	17.38 0.41 0.00	16.09 0.37 0.00	14.88 0.39 0.00	16.38 0.43 0.00	19.27 0.55 0.00	20.10 0.67 0.00	27.90 0.92 -0.12	31.27 1.18 -0.61	31.66 1.45 0.00	28.85 1.48 0.00	28.87 1.59 0.00	29.18 1.69 -0.21	38.55 2.30 -0.06	43.43 2.85 0.00	41.36 2.75 0.00	45.61 3.03 0.00	63.54 4.23 0.00	36.11 2.18 0.00	42.78 2.51 0.00	37.49 2.05 0.00	34.13 1.85 0.00	33.55 1.52 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.58 0.76 0.00	20.74 0.56 0.00	17.38 0.41 0.00	16.09 0.37 0.00	14.88 0.39 0.00	16.38 0.43 0.00	19.27 0.55 0.00	20.10 0.67 0.00	27.90 0.92 -0.12	31.27 1.18 -0.61	31.66 1.45 0.00	28.85 1.48 0.00	28.87 1.59 0.00	29.18 1.69 -0.21	38.55 2.30 -0.06	43.43 2.85 0.00	41.36 2.75 0.00	45.61 3.03 0.00	63.54 4.23 0.00	36.11 2.18 0.00	42.78 2.51 0.00	37.49 2.05 0.00	34.13 1.85 0.00	33.55 1.52 0.00
WHITEHAL_115KV_TB1 80871	28.45 1.62 0.00	21.16 0.98 0.00	17.82 0.85 0.00	16.66 0.94 0.00	15.34 0.85 0.00	16.98 1.03 0.00	20.04 1.31 0.00	20.55 1.12 0.00	28.01 1.29 0.13	30.34 1.56 0.70	31.71 1.50 0.00	28.82 1.45 0.00	28.92 1.64 0.00	28.60 1.57 0.24	38.83 2.72 0.07	44.30 3.73 0.00	42.07 3.46 0.00	46.35 3.77 0.00	64.41 5.09 0.00	36.84 2.91 0.00	44.02 3.75 0.00	38.34 2.91 0.00	34.76 2.48 0.00	34.32 2.29 0.00
WHITEPLN_13_KV_LOAD 356215	28.08 1.26 0.00	21.03 0.85 0.00	17.64 0.67 0.00	16.33 0.61 0.00	15.12 0.63 0.00	16.62 0.67 0.00	19.61 0.89 0.00	20.48 1.06 0.00	28.48 1.50 -0.12	31.95 1.81 -0.66	32.33 2.12 0.00	29.47 2.11 0.00	29.50 2.21 0.00	29.85 2.35 -0.23	39.44 3.19 -0.07	44.45 3.87 0.00	42.33 3.72 0.00	46.67 4.10 0.00	64.97 5.65 0.00	36.89 2.96 0.00	43.71 3.44 0.00	38.27 2.84 0.00	34.82 2.54 0.00	34.21 2.19 0.00
WM_FLOYD_69_KV_BK2 356380	29.08 2.26 0.00	22.79 1.84 -0.77	18.36 1.39 0.00	17.00 1.28 0.00	15.67 1.18 0.00	17.30 1.35 0.00	20.12 1.40 0.00	20.79 1.36 0.00	28.96 1.98 -0.13	32.44 2.30 -0.66	35.07 3.12 -1.74	36.18 3.15 -5.66	130.03 3.13 -99.61	191.78 3.19 -161.32	118.72 4.26 -78.28	469.56 5.12 -423.86	327.90 4.86 -284.44	373.91 5.19 -326.14	372.11 7.37 -305.42	151.89 4.03 -113.93	67.24 4.66 -22.31	39.59 3.87 -0.28	36.31 3.65 -0.38	35.26 3.23 0.00
WOODARD___115KV_TB2 355635	26.95 0.12 0.00	20.25 0.06 0.00	17.01 0.04 0.00	15.74 0.02 0.00	14.51 0.02 0.00	15.96 0.01 0.00	18.76 0.04 0.00	19.41 -0.01 0.00	26.86 0.01 0.00	29.45 -0.02 0.00	30.19 -0.03 0.00	27.26 -0.11 0.00	27.13 -0.15 0.00	27.06 -0.21 0.00	35.87 -0.31 0.00	40.16 -0.42 0.00	38.21 -0.39 0.00	42.12 -0.46 0.00	58.59 -0.73 0.00	33.50 -0.43 0.00	39.84 -0.43 0.00	35.01 -0.43 0.00	31.95 -0.32 0.00	31.83 -0.19 0.00
YORK___WARBASSE 23770	28.15 1.32 0.00	21.17 0.99 0.00	17.72 0.75 0.00	16.39 0.67 0.00	15.15 0.66 0.00	16.68 0.73 0.00	19.63 0.91 0.00	20.50 1.07 0.00	28.49 1.50 -0.12	31.94 1.80 -0.66	32.32 2.11 0.00	29.52 2.15 -0.01	29.51 2.23 0.00	29.83 2.32 -0.23	39.27 3.02 -0.07	44.20 3.62 0.00	42.11 3.50 0.00	46.43 3.85 0.00	64.42 5.11 0.00	36.66 2.73 0.00	43.42 3.15 0.00	38.13 2.69 0.00	34.81 2.53 0.00	34.24 2.21 0.00