

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

10/10/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.36	23.68	24.49	22.89	22.72	22.54	31.39	43.43	61.13	37.47	27.66	25.89	26.76	27.67	29.60	33.94	35.62	39.57	74.20	73.65	125.10	41.09	37.60	32.49
24138	1.21	1.34	1.28	1.12	1.07	1.13	1.85	2.80	3.50	2.40	1.85	1.70	1.57	1.72	1.94	2.22	1.92	2.44	4.03	2.50	1.52	1.42	1.90	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	-0.96	0.00	0.01	0.00	-6.22	0.00	0.00	-29.08	-93.85	-10.72	-0.50	-5.27
74TH STREET_GT_1	22.42	23.76	24.58	22.98	22.80	22.61	31.48	43.55	61.29	37.54	27.70	26.12	26.98	27.71	29.66	34.00	35.67	39.66	74.39	74.21	125.13	41.20	37.72	32.55
24260	1.27	1.42	1.36	1.20	1.15	1.20	1.94	2.92	3.66	2.47	1.89	1.74	1.62	1.77	1.99	2.28	1.97	2.54	4.22	2.65	1.63	1.53	2.01	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-1.13	0.00	-0.01	0.00	-6.22	0.00	0.00	-29.49	-93.75	-10.72	-0.50	-5.27
74TH STREET_GT_2	22.42	23.76	24.58	22.98	22.80	22.61	31.48	43.55	61.29	37.54	27.70	26.12	26.98	27.71	29.66	34.00	35.67	39.66	74.39	74.21	125.13	41.20	37.72	32.55
24261	1.27	1.42	1.36	1.20	1.15	1.20	1.94	2.92	3.66	2.47	1.89	1.74	1.62	1.77	1.99	2.28	1.97	2.54	4.22	2.65	1.63	1.53	2.01	1.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.09	-1.13	0.00	-0.01	0.00	-6.22	0.00	0.00	-29.49	-93.75	-10.72	-0.50	-5.27
ADK HUDSON___FALLS	22.39	23.80	24.78	23.21	23.11	22.88	31.82	44.09	62.03	37.10	27.30	25.65	25.55	27.41	29.16	33.67	29.26	39.72	75.25	45.54	32.14	31.21	37.50	27.27
24011	1.24	1.46	1.56	1.43	1.45	1.47	2.28	3.46	4.41	2.03	1.49	1.36	1.32	1.47	1.50	1.95	1.78	2.59	5.08	3.47	2.40	2.26	2.28	1.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.46	23.91	24.92	23.32	23.22	22.99	32.01	44.39	62.48	37.22	27.44	25.76	25.66	27.57	29.34	33.88	29.43	39.89	75.65	45.89	32.43	31.50	37.72	27.38
23798	1.31	1.57	1.71	1.54	1.57	1.58	2.47	3.76	4.85	2.15	1.63	1.48	1.43	1.63	1.67	2.16	1.95	2.77	5.47	3.82	2.70	2.54	2.51	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.39	23.80	24.78	23.21	23.11	22.88	31.82	44.09	62.0															

ALBANY___2 23572	21.15 0.01 0.00	22.47 0.12 0.00	23.39 0.17 0.00	21.90 0.11 0.00	21.82 0.17 0.00	21.58 0.17 0.00	29.90 0.37 0.00	41.36 0.73 0.00	58.22 0.59 0.00	35.12 0.05 0.00	25.80 0.00 0.00	24.25 -0.03 0.00	24.17 -0.06 0.00	25.87 -0.07 0.00	27.61 -0.06 0.00	31.76 0.04 0.00	27.61 0.12 0.00	37.43 0.30 0.00	70.49 0.32 0.00	42.45 0.38 0.00	29.96 0.22 0.00	29.13 0.17 0.00	35.24 0.02 0.00	25.73 -0.08 0.00
ALBANY___3 23573	21.15 0.01 0.00	22.47 0.12 0.00	23.39 0.17 0.00	21.90 0.11 0.00	21.82 0.17 0.00	21.58 0.17 0.00	29.90 0.37 0.00	41.36 0.73 0.00	58.22 0.59 0.00	35.12 0.05 0.00	25.80 0.00 0.00	24.25 -0.03 0.00	24.17 -0.06 0.00	25.87 -0.07 0.00	27.61 -0.06 0.00	31.76 0.04 0.00	27.61 0.12 0.00	37.43 0.30 0.00	70.49 0.32 0.00	42.45 0.38 0.00	29.96 0.22 0.00	29.13 0.17 0.00	35.24 0.02 0.00	25.73 -0.08 0.00
ALBANY___4 23574	21.15 0.01 0.00	22.47 0.12 0.00	23.39 0.17 0.00	21.90 0.11 0.00	21.82 0.17 0.00	21.58 0.17 0.00	29.90 0.37 0.00	41.36 0.73 0.00	58.22 0.59 0.00	35.12 0.05 0.00	25.80 0.00 0.00	24.25 -0.03 0.00	24.17 -0.06 0.00	25.87 -0.07 0.00	27.61 -0.06 0.00	31.76 0.04 0.00	27.61 0.12 0.00	37.43 0.30 0.00	70.49 0.32 0.00	42.45 0.38 0.00	29.96 0.22 0.00	29.13 0.17 0.00	35.24 0.02 0.00	25.73 -0.08 0.00
ALBANY___LFGE 323615	21.40 0.25 0.00	22.73 0.39 0.00	23.64 0.43 0.00	22.14 0.36 0.00	22.05 0.40 0.00	21.81 0.40 0.00	30.25 0.71 0.00	41.84 1.21 0.00	58.88 1.25 0.00	35.52 0.45 0.00	26.10 0.30 0.00	24.54 0.25 0.00	24.45 0.22 0.00	26.17 0.23 0.00	27.93 0.26 0.00	32.13 0.41 0.00	27.94 0.46 0.00	37.90 0.78 0.00	71.38 1.21 0.00	42.98 0.92 0.00	30.33 0.59 0.00	29.47 0.52 0.00	35.65 0.43 0.00	26.02 0.21 0.00
ALCOA_PA_115KV_PL-6C 55860	21.35 0.19 0.00	22.28 -0.06 0.00	23.23 0.01 0.00	21.74 -0.04 0.00	21.67 0.01 0.00	21.40 -0.01 0.00	29.32 -0.22 0.00	39.83 -0.80 0.00	57.04 -0.59 0.00	34.83 -0.24 0.00	25.69 -0.11 0.00	24.57 -0.07 -0.36	24.33 -0.14 -0.24	25.75 -0.19 0.00	28.18 -0.25 -0.76	31.46 -0.26 0.00	27.29 -0.19 0.00	36.79 -0.33 0.00	70.51 -0.87 -1.21	43.20 -0.57 -1.71	29.62 -0.23 -0.11	28.94 -0.01 0.00	35.31 0.10 0.00	25.95 0.14 0.00
ALCOA_RYNLDS___DRP 24188	21.35 0.19 0.00	22.28 -0.06 0.00	23.23 0.01 0.00	21.74 -0.04 0.00	21.67 0.01 0.00	21.40 -0.01 0.00	29.32 -0.22 0.00	39.83 -0.80 0.00	57.04 -0.59 0.00	34.83 -0.24 0.00	25.69 -0.11 0.00	24.57 -0.07 -0.36	24.33 -0.14 -0.24	25.75 -0.19 0.00	28.18 -0.25 -0.76	31.46 -0.26 0.00	27.29 -0.19 0.00	36.79 -0.33 0.00	70.51 -0.87 -1.21	43.20 -0.57 -1.71	29.62 -0.23 -0.11	28.94 -0.01 0.00	35.31 0.10 0.00	25.95 0.14 0.00
ALCOA___DSASP 323711	21.34 0.19 0.00	22.28 -0.06 0.00	23.23 0.01 0.00	21.73 -0.05 0.00	21.67 0.01 0.00	21.40 -0.01 0.00	29.32 -0.22 0.00	39.83 -0.80 0.00	57.04 -0.59 0.00	34.83 -0.24 0.00	25.69 -0.11 0.00	24.57 -0.07 -0.36	24.33 -0.14 -0.24	25.75 -0.19 0.00	28.18 -0.25 -0.76	31.46 -0.26 0.00	27.29 -0.19 0.00	36.79 -0.33 0.00	70.51 -0.87 -1.21	43.20 -0.57 -1.71	29.62 -0.23 -0.11	28.94 -0.01 0.00	35.31 0.10 0.00	25.95 0.14 0.00
ALLEGHENY___COGEN 23514	21.68 0.53 0.00	22.73 0.39 0.00	23.48 0.27 0.00	22.11 0.33 0.00	22.01 0.35 0.00	22.00 0.59 0.00	30.73 1.19 0.00	42.07 1.44 0.00	59.84 2.22 0.00	36.42 1.35 0.00	26.69 0.88 0.00	24.95 0.67 0.00	25.01 0.78 0.00	26.81 0.86 0.00	28.28 0.61 0.00	31.75 0.03 0.00	26.84 -0.64 0.00	37.96 -0.67 -1.51	103.23 1.81 -31.25	48.32 1.27 -4.99	30.49 0.75 0.00	29.51 0.56 0.00	36.57 1.35 0.00	27.16 1.35 0.00
ALTAMONT_115KV_TB 2 55880	21.54 0.39 0.00	22.86 0.52 0.00	23.79 0.58 0.00	22.30 0.52 0.00	22.14 0.49 0.00	21.87 0.46 0.00	30.27 0.74 0.00	41.81 1.18 0.00	58.88 1.26 0.00	35.60 0.53 0.00	26.17 0.36 0.00	24.59 0.31 0.00	24.52 0.29 0.00	26.25 0.30 0.00	28.01 0.34 0.00	32.18 0.46 0.00	27.95 0.47 0.00	37.86 0.74 0.00	71.39 1.22 0.00	42.96 0.90 0.00	30.33 0.59 0.00	29.49 0.54 0.00	35.74 0.53 0.00	26.14 0.33 0.00
ALTONA_WT_PWR 323606	20.91 -0.24 0.00	22.02 -0.33 0.00	23.01 -0.20 0.00	21.39 -0.39 0.00	21.34 -0.31 0.00	21.05 -0.36 0.00	28.75 -0.79 0.00	38.65 -1.98 0.00	55.26 -2.37 0.00	33.76 -1.31 0.00	24.85 -0.96 0.00	12.28 -0.88 11.11	15.89 -0.94 7.40	24.94 -1.01 0.00	2.65 -1.18 23.83	30.62 -1.10 0.00	26.84 -0.64 0.00	35.93 -1.20 0.00	29.41 -3.25 37.51	-13.04 -2.01 53.10	25.10 -1.10 3.54	28.39 -0.57 0.00	34.76 -0.45 0.00	25.46 -0.35 0.00
AMERICAN_REF_FUEL 24010	20.48 -0.67 0.00	21.38 -0.96 0.00	22.14 -1.08 0.00	20.85 -0.93 0.00	20.79 -0.86 0.00	20.75 -0.67 0.00	28.72 -0.82 0.00	39.11 -1.52 0.00	55.60 -2.03 0.00	34.33 -0.74 0.00	25.49 -0.31 0.00	24.10 -0.19 0.00	24.26 0.03 0.00	26.00 0.06 0.00	27.63 -0.03 0.00	31.23 -0.50 0.00	26.65 -0.83 0.00	36.84 -1.44 -1.15	90.73 -0.87 -21.44	45.05 -0.85 -3.83	28.84 -0.90 0.00	28.04 -0.92 0.00	34.47 -0.75 0.00	25.74 -0.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.05 -0.10 0.00	22.17 -0.17 0.00	22.84 -0.37 0.00	21.51 -0.27 0.00	21.37 -0.28 0.00	21.36 -0.05 0.00	29.80 0.26 0.00	40.83 0.20 0.00	57.75 0.13 0.00	35.56 0.50 0.00	26.28 0.47 0.00	25.05 0.77 0.00	25.34 1.11 0.00	27.30 1.35 0.00	28.98 1.31 0.00	32.73 1.01 0.00	27.93 0.45 0.00	50.62 0.33 -13.17	313.84 2.76 -240.91	90.78 1.44 -47.27	30.52 0.78 0.00	29.39 0.45 0.00	35.91 0.69 0.00	26.57 0.76 0.00
ARTHUR KILL_GT_1 23520	22.29 1.13 0.00	23.64 1.30 0.00	24.44 1.23 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.50 1.08 0.00	31.32 1.78 0.00	43.22 2.59 0.00	60.80 3.18 0.00	37.35 2.25 -0.03	28.13 1.62 -0.70	25.80 1.42 -0.10	26.70 1.33 -1.14	27.37 1.42 -0.01	29.28 1.60 -0.01	33.59 1.85 -0.01	35.33 1.63 -6.22	39.33 2.21 0.00	73.49 3.33 0.01	73.81 2.26 -29.49	124.83 1.34 -93.75	40.47 1.25 -10.27	37.50 1.79 -0.50	32.67 1.31 -5.55
ARTHUR_KILL_2 23512	22.24 1.09 0.00	23.59 1.25 0.00	24.39 1.18 0.00	22.80 1.02 0.00	22.63 0.97 0.00	22.45 1.04 0.00	31.25 1.71 0.00	43.12 2.49 0.00	60.65 3.03 0.00	37.27 2.17 -0.03	28.08 1.57 -0.70	25.76 1.37 -0.10	26.66 1.29 -1.14	27.33 1.38 -0.01	29.23 1.56 -0.01	33.52 1.80 -0.01	35.27 1.57 -6.22	39.24 2.12 0.00	73.32 3.15 0.01	73.69 2.14 -29.49	124.75 1.26 -93.75	40.39 1.17 -10.27	37.41 1.70 -0.50	32.62 1.25 -5.55
ARTHUR_KILL_3 23513	22.24 1.09 0.00	23.58 1.24 0.00	24.38 1.16 0.00	22.79 1.01 0.00	22.60 0.95 0.00	22.42 1.01 0.00	31.23 1.69 0.00	43.19 2.56 0.00	60.63 3.00 0.00	37.14 2.07 0.00	27.41 1.60 0.00	25.85 1.47 -0.09	26.70 1.33 -1.13	27.41 1.46 0.00	29.35 1.68 -0.01	33.63 1.91 0.00	35.36 1.66 -6.22	39.24 2.12 0.00	73.63 3.46 0.00	73.75 2.18 -29.50	124.82 1.30 -93.78	40.87 1.20 -10.72	37.38 1.67 -0.50	32.34 1.25 -5.27

ARTHUR_KILL_COGEN 323718	22.29 1.13 0.00	23.64 1.30 0.00	24.44 1.23 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.50 1.08 0.00	31.32 1.78 0.00	43.22 2.59 0.00	60.80 3.18 0.00	37.35 2.25 -0.03	28.13 1.62 -0.70	25.80 1.42 -0.10	26.70 1.33 -1.14	27.37 1.42 -0.01	29.28 1.60 -0.01	33.59 1.85 -0.01	35.33 1.63 -6.22	39.33 2.21 0.00	73.49 3.33 0.01	73.81 2.26 -29.49	124.83 1.34 -93.75	40.47 1.25 -10.27	37.50 1.79 -0.50	32.67 1.31 -5.55
ASHOKAN____ 23654	21.88 0.73 0.00	23.22 0.87 0.00	24.13 0.91 0.00	22.60 0.82 0.00	22.49 0.83 0.00	22.29 0.88 0.00	31.03 1.49 0.00	42.99 2.36 0.00	60.41 2.78 0.00	36.35 1.28 0.00	26.55 0.75 0.00	24.94 0.66 0.00	24.78 0.54 0.00	26.51 0.56 0.00	28.30 0.64 0.00	32.64 0.92 0.00	28.42 0.94 0.00	38.87 1.75 0.00	73.77 3.60 0.00	44.39 2.33 0.00	31.26 1.52 0.00	30.31 1.36 0.00	36.65 1.44 0.00	26.72 0.91 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.32 1.17 0.00	23.66 1.32 0.00	24.46 1.24 0.00	22.81 1.03 0.00	22.61 0.96 0.00	22.46 1.05 0.00	31.16 1.62 0.00	43.25 2.62 0.00	60.97 3.34 0.00	37.31 2.25 0.00	27.51 1.70 0.00	25.96 1.59 -0.09	26.77 1.41 -1.12	27.47 1.53 0.01	29.46 1.79 0.00	33.74 2.03 0.01	35.42 1.72 -6.21	39.30 2.18 0.00	73.71 3.53 0.00	73.88 2.32 -29.49	124.85 1.36 -93.75	40.96 1.28 -10.72	37.42 1.71 -0.50	32.39 1.31 -5.27
ASTORIA_EAST_ENERGY_CC2 323582	22.32 1.17 0.00	23.66 1.32 0.00	24.45 1.24 0.00	22.81 1.03 0.00	22.61 0.96 0.00	22.46 1.05 0.00	31.16 1.62 0.00	43.25 2.62 0.00	60.97 3.34 0.00	37.31 2.25 0.00	27.51 1.70 0.00	25.96 1.59 -0.09	26.77 1.42 -1.12	27.47 1.53 0.01	29.46 1.79 0.00	33.74 2.03 0.01	35.42 1.72 -6.21	39.30 2.18 0.00	73.71 3.53 0.00	73.88 2.32 -29.49	124.85 1.36 -93.75	40.96 1.28 -10.72	37.42 1.71 -0.50	32.39 1.31 -5.27
ASTORIA_GT2_1 24094	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT2_2 24095	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT2_3 24096	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT2_4 24097	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT3_1 24098	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT3_2 24099	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT3_3 24100	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT3_4 24101	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT4_1 24102	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT4_2 24103	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT4_3 24104	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27

ASTORIA_GT4_4 24105	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.48 1.07 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.34 2.27 0.00	27.54 1.74 0.00	25.98 1.61 -0.09	26.81 1.45 -1.12	27.53 1.59 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.22	39.33 2.20 0.00	73.75 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.74 -0.50	32.41 1.33 -5.27
ASTORIA_GT_1 23523	22.36 1.21 0.00	23.70 1.36 0.00	24.49 1.28 0.00	22.84 1.06 0.00	22.65 1.00 0.00	22.50 1.09 0.00	31.23 1.70 0.00	43.37 2.74 0.00	61.12 3.49 0.00	37.42 2.35 0.00	27.59 1.78 0.00	26.03 1.66 -0.09	26.84 1.49 -1.12	27.54 1.60 0.01	29.54 1.88 0.00	33.83 2.12 0.01	35.50 1.80 -6.21	39.40 2.28 0.00	73.92 3.74 0.00	73.99 2.44 -29.49	124.93 1.44 -93.75	41.04 1.37 -10.72	37.51 1.80 -0.50	32.45 1.37 -5.27
ASTORIA_GT_10 24110	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.12 0.00	22.72 1.06 0.00	22.53 1.12 0.00	31.27 1.73 0.00	43.26 2.64 0.00	60.92 3.30 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.52 1.50 -19.79	37.44 1.65 -9.85	35.40 1.86 -5.87	38.25 2.13 -4.40	35.54 1.83 -6.23	39.45 2.32 0.00	73.90 3.73 0.00	73.99 2.43 -29.49	124.94 1.45 -93.75	41.07 1.40 -10.72	37.61 1.90 -0.50	32.76 1.40 -5.55
ASTORIA_GT_11 24225	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.12 0.00	22.72 1.06 0.00	22.53 1.12 0.00	31.27 1.73 0.00	43.26 2.64 0.00	60.92 3.30 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.52 1.50 -19.79	37.44 1.65 -9.85	35.40 1.86 -5.87	38.25 2.13 -4.40	35.54 1.83 -6.23	39.45 2.32 0.00	73.90 3.73 0.00	73.99 2.43 -29.49	124.94 1.45 -93.75	41.07 1.40 -10.72	37.61 1.90 -0.50	32.76 1.40 -5.55
ASTORIA_GT_12 24226	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.12 0.00	22.72 1.06 0.00	22.53 1.12 0.00	31.27 1.73 0.00	43.26 2.64 0.00	60.92 3.30 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.52 1.50 -19.79	37.44 1.65 -9.85	35.40 1.86 -5.87	38.25 2.13 -4.40	35.54 1.83 -6.23	39.45 2.32 0.00	73.90 3.73 0.00	73.99 2.43 -29.49	124.94 1.45 -93.75	41.07 1.40 -10.72	37.61 1.90 -0.50	32.76 1.40 -5.55
ASTORIA_GT_13 24227	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.12 0.00	22.72 1.06 0.00	22.53 1.12 0.00	31.27 1.73 0.00	43.26 2.64 0.00	60.92 3.30 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.52 1.50 -19.79	37.44 1.65 -9.85	35.40 1.86 -5.87	38.25 2.13 -4.40	35.54 1.83 -6.23	39.45 2.32 0.00	73.90 3.73 0.00	73.99 2.43 -29.49	124.94 1.45 -93.75	41.07 1.40 -10.72	37.61 1.90 -0.50	32.76 1.40 -5.55
ASTORIA_GT_5 24106	22.36 1.21 0.00	23.70 1.36 0.00	24.49 1.28 0.00	22.85 1.07 0.00	22.65 1.00 0.00	22.51 1.10 0.00	31.23 1.70 0.00	43.36 2.73 0.00	61.12 3.49 0.00	37.42 2.35 0.00	27.60 1.79 0.00	26.04 1.67 -0.09	26.87 1.52 -1.12	27.58 1.65 0.01	29.54 1.87 0.00	33.83 2.12 0.01	35.50 1.80 -6.22	39.40 2.28 0.00	73.92 3.75 0.00	74.00 2.44 -29.49	124.93 1.44 -93.75	41.04 1.37 -10.72	37.52 1.81 -0.50	32.45 1.37 -5.27
ASTORIA_GT_7 24107	22.36 1.21 0.00	23.70 1.36 0.00	24.49 1.28 0.00	22.85 1.07 0.00	22.65 1.00 0.00	22.51 1.10 0.00	31.23 1.70 0.00	43.36 2.73 0.00	61.12 3.49 0.00	37.42 2.35 0.00	27.60 1.79 0.00	26.04 1.67 -0.09	26.87 1.52 -1.12	27.58 1.65 0.01	29.54 1.87 0.00	33.83 2.12 0.01	35.50 1.80 -6.22	39.40 2.28 0.00	73.92 3.75 0.00	74.00 2.44 -29.49	124.93 1.44 -93.75	41.04 1.37 -10.72	37.52 1.81 -0.50	32.45 1.37 -5.27
ASTORIA_GT_8 24108	22.36 1.21 0.00	23.70 1.36 0.00	24.49 1.28 0.00	22.85 1.07 0.00	22.65 1.00 0.00	22.51 1.10 0.00	31.23 1.70 0.00	43.36 2.73 0.00	61.12 3.49 0.00	37.42 2.35 0.00	27.60 1.79 0.00	26.04 1.67 -0.09	26.87 1.52 -1.12	27.58 1.65 0.01	29.54 1.87 0.00	33.83 2.12 0.01	35.50 1.80 -6.22	39.40 2.28 0.00	73.92 3.75 0.00	74.00 2.44 -29.49	124.93 1.44 -93.75	41.04 1.37 -10.72	37.52 1.81 -0.50	32.45 1.37 -5.27
ASTORIA___2 24149	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.81 1.03 0.00	22.62 0.97 0.00	22.47 1.06 0.00	31.18 1.64 0.00	43.28 2.65 0.00	61.00 3.37 0.00	37.33 2.27 0.00	27.53 1.72 0.00	25.98 1.61 -0.09	26.79 1.43 -1.12	27.48 1.55 0.01	29.47 1.81 0.00	33.76 2.05 0.01	35.44 1.74 -6.21	39.32 2.20 0.00	73.74 3.57 0.00	73.91 2.35 -29.49	124.86 1.37 -93.75	40.98 1.31 -10.72	37.44 1.73 -0.50	32.40 1.32 -5.27
ASTORIA___3 23516	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.12 0.00	22.72 1.06 0.00	22.52 1.12 0.00	31.27 1.73 0.00	43.26 2.63 0.00	60.92 3.29 0.00	37.40 2.30 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.52 1.50 -19.79	37.44 1.64 -9.85	35.40 1.86 -5.87	38.25 2.13 -4.40	35.53 1.83 -6.23	39.44 2.32 0.00	73.90 3.73 0.00	73.97 2.42 -29.49	124.94 1.45 -93.75	41.07 1.40 -10.72	37.61 1.90 -0.50	32.76 1.40 -5.55
ASTORIA___4 23517	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.12 0.00	22.72 1.06 0.00	22.53 1.12 0.00	31.27 1.73 0.00	43.26 2.63 0.00	60.92 3.30 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.52 1.50 -19.79	37.44 1.65 -9.85	35.40 1.86 -5.87	38.25 2.13 -4.40	35.54 1.83 -6.23	39.45 2.32 0.00	73.90 3.73 0.00	73.98 2.42 -29.49	124.94 1.45 -93.75	41.07 1.40 -10.72	37.61 1.89 -0.50	32.76 1.40 -5.55
ASTORIA___5 23518	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.12 0.00	22.72 1.06 0.00	22.52 1.12 0.00	31.27 1.73 0.00	43.26 2.63 0.00	60.92 3.29 0.00	37.40 2.30 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.52 1.50 -19.79	37.44 1.64 -9.85	35.40 1.86 -5.87	38.25 2.13 -4.40	35.53 1.83 -6.23	39.44 2.32 0.00	73.90 3.73 0.00	73.97 2.42 -29.49	124.94 1.45 -93.75	41.07 1.40 -10.72	37.61 1.90 -0.50	32.76 1.40 -5.55
AST_ENERGY_2_CC3 323677	22.25 1.10 0.00	23.58 1.24 0.00	24.39 1.18 0.00	22.81 1.03 0.00	22.62 0.97 0.00	22.43 1.02 0.00	31.23 1.69 0.00	43.19 2.56 0.00	60.73 3.11 0.00	37.20 2.13 0.00	27.45 1.64 0.00	25.89 1.51 -0.09	26.74 1.38 -1.13	27.46 1.51 0.00	29.39 1.72 -0.01	33.69 1.97 0.00	35.41 1.71 -6.22	39.30 2.18 0.00	73.73 3.56 0.00	73.82 2.25 -29.50	124.88 1.36 -93.78	40.92 1.25 -10.72	37.40 1.70 -0.50	32.34 1.26 -5.27
AST_ENERGY_2_CC4 323678	22.25 1.10 0.00	23.58 1.24 0.00	24.39 1.18 0.00	22.81 1.03 0.00	22.62 0.97 0.00	22.43 1.02 0.00	31.23 1.69 0.00	43.19 2.56 0.00	60.73 3.11 0.00	37.20 2.13 0.00	27.45 1.64 0.00	25.89 1.51 -0.09	26.74 1.38 -1.13	27.46 1.51 0.00	29.39 1.72 -0.01	33.69 1.97 0.00	35.41 1.71 -6.22	39.30 2.18 0.00	73.73 3.56 0.00	73.82 2.25 -29.50	124.88 1.36 -93.78	40.92 1.25 -10.72	37.40 1.70 -0.50	32.34 1.26 -5.27

ATHENS_STG_1 23668	21.62 0.47 0.00	22.95 0.61 0.00	23.86 0.65 0.00	22.36 0.58 0.00	22.20 0.55 0.00	21.91 0.50 0.00	30.36 0.82 0.00	41.93 1.31 0.00	59.09 1.46 0.00	35.97 0.90 0.00	26.44 0.64 0.00	24.84 0.56 0.00	25.02 0.51 -0.28	26.50 0.56 0.00	28.32 0.65 0.00	32.51 0.79 0.00	29.85 0.72 -1.65	38.08 0.96 0.00	71.57 1.40 0.00	47.03 0.99 -3.97	43.16 0.62 -12.81	31.49 0.57 -1.97	35.98 0.68 -0.09	27.25 0.47 -0.97
ATHENS_STG_2 23670	21.62 0.47 0.00	22.95 0.61 0.00	23.86 0.65 0.00	22.36 0.58 0.00	22.20 0.55 0.00	21.91 0.50 0.00	30.36 0.82 0.00	41.93 1.31 0.00	59.09 1.46 0.00	35.97 0.90 0.00	26.44 0.64 0.00	24.84 0.56 0.00	25.02 0.51 -0.28	26.50 0.56 0.00	28.32 0.65 0.00	32.51 0.79 0.00	29.85 0.72 -1.65	38.08 0.96 0.00	71.57 1.40 0.00	47.03 0.99 -3.97	43.16 0.62 -12.81	31.49 0.57 -1.97	35.98 0.68 -0.09	27.25 0.47 -0.97
ATHENS_STG_3 23677	21.62 0.47 0.00	22.95 0.61 0.00	23.86 0.65 0.00	22.36 0.58 0.00	22.20 0.55 0.00	21.91 0.50 0.00	30.36 0.82 0.00	41.93 1.31 0.00	59.09 1.46 0.00	35.97 0.90 0.00	26.44 0.64 0.00	24.84 0.56 0.00	25.02 0.51 -0.28	26.50 0.56 0.00	28.32 0.65 0.00	32.51 0.79 0.00	29.85 0.72 -1.65	38.08 0.96 0.00	71.57 1.40 0.00	47.03 0.99 -3.97	43.16 0.62 -12.81	31.49 0.57 -1.97	35.98 0.68 -0.09	27.25 0.47 -0.97
AUBURN___LFGE 323710	21.18 0.03 0.00	22.38 0.04 0.00	23.08 -0.12 0.00	21.84 0.06 0.00	21.73 0.07 0.00	21.42 0.01 0.00	29.66 0.12 0.00	40.81 0.17 0.00	57.75 0.12 0.00	35.22 0.15 0.00	25.91 0.10 0.00	25.06 0.12 -0.66	24.85 0.18 -0.44	26.91 0.21 -0.75	28.95 0.21 -1.08	33.70 0.13 -1.85	28.59 0.08 -1.03	40.14 0.11 -2.90	80.12 0.64 -9.31	46.34 0.38 -3.89	31.42 0.20 -1.49	30.36 0.09 -1.32	37.86 0.11 -2.54	26.56 0.20 -0.55
BABYLON_RES_REC 323704	22.42 1.27 0.00	23.72 1.37 0.00	24.54 1.32 0.00	22.94 1.16 0.00	22.72 1.07 0.00	22.45 1.05 0.00	31.27 1.74 0.00	43.25 2.62 0.00	60.99 3.36 0.00	37.10 2.03 0.00	27.38 1.58 0.00	25.64 1.36 0.00	26.59 1.31 -1.05	27.34 1.39 0.00	29.06 1.40 0.00	33.27 1.55 0.00	33.84 1.26 -5.10	37.43 1.47 1.17	42.33 2.26 30.10	71.28 1.44 -27.77	65.97 0.87 -35.36	36.77 0.99 -6.83	37.39 1.68 -0.50	32.56 1.47 -5.28
BABYLON__69_KV_BK2 356345	22.60 1.46 0.00	23.89 1.55 0.00	24.72 1.50 0.00	23.13 1.35 0.00	22.93 1.28 0.00	22.67 1.26 0.00	31.58 2.04 0.00	43.64 3.01 0.00	61.59 3.97 0.00	37.43 2.36 0.00	27.62 1.81 0.00	25.86 1.58 0.00	26.81 1.53 -1.05	27.57 1.63 0.00	29.46 1.80 0.00	33.81 2.09 0.00	34.35 1.80 -5.07	38.24 2.32 1.20	43.17 3.89 30.89	72.21 2.42 -27.73	64.99 1.56 -33.70	37.16 1.49 -6.72	37.75 2.04 -0.50	32.85 1.75 -5.28
BALL_HILL_WT_PWR 323825	20.95 -0.20 0.00	22.00 -0.33 0.00	22.71 -0.50 0.00	21.40 -0.38 0.00	21.29 -0.36 0.00	21.28 -0.13 0.00	29.60 0.06 0.00	40.45 -0.17 0.00	57.27 -0.35 0.00	35.31 0.24 0.00	26.13 0.32 0.00	24.83 0.55 0.00	25.05 0.81 0.00	26.94 0.99 0.00	28.58 0.91 0.00	32.33 0.61 0.00	27.57 0.09 0.00	53.57 -0.20 -16.64	371.37 1.52 -299.68	103.60 0.69 -60.85	30.03 0.30 0.00	29.05 0.10 0.00	35.59 0.37 0.00	26.39 0.58 0.00
BARON_WINDS___WT_PWR 323822	20.49 -0.66 0.00	21.57 -0.77 0.00	22.26 -0.95 0.00	20.99 -0.79 0.00	20.85 -0.81 0.00	20.80 -0.61 0.00	28.93 -0.61 0.00	39.28 -1.35 0.00	55.90 -1.72 0.00	34.35 -0.72 0.00	25.35 -0.45 0.00	24.19 -0.09 0.00	24.42 0.18 0.00	26.37 0.42 0.00	27.99 0.32 0.00	31.64 -0.08 0.00	27.09 -0.50 -0.11	40.09 -0.52 -3.49	133.50 0.62 -62.72	52.73 0.13 -10.53	30.02 0.00 -0.27	29.02 -0.18 -0.24	35.54 -0.14 -0.47	25.85 -0.06 -0.10
BARRETT_IC_1 23704	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_10 23701	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_11 23702	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_12 23703	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_2 23705	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_3 23706	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_4 23707	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28

BARRETT_IC_5 23708	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_6 23709	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_7 23710	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.37 0.96 0.00	31.15 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.90 0.00	27.29 1.49 0.00	25.61 1.33 0.00	26.54 1.26 -1.05	27.30 1.35 0.00	29.20 1.54 0.00	33.51 1.79 0.00	35.23 1.53 -6.22	38.95 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.63 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_8 23711	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT_IC_9 23700	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT___1 23545	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BARRETT___2 23546	22.24 1.09 0.00	23.54 1.20 0.00	24.35 1.13 0.00	22.77 0.99 0.00	22.61 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.46 0.00	60.42 2.79 0.00	36.96 1.89 0.00	27.29 1.48 0.00	25.61 1.32 0.00	26.54 1.26 -1.05	27.30 1.36 0.00	29.20 1.54 0.00	33.50 1.79 0.00	35.23 1.53 -6.22	38.94 1.88 0.05	71.62 2.86 1.41	73.30 1.74 -29.49	123.00 1.20 -92.06	40.64 1.12 -10.56	37.28 1.57 -0.50	32.37 1.28 -5.28
BATAVIA__115KV_TB1 55881	21.39 0.24 0.00	22.36 0.02 0.00	23.14 -0.07 0.00	21.79 0.01 0.00	21.72 0.07 0.00	21.70 0.29 0.00	30.20 0.66 0.00	41.39 0.76 0.00	58.71 1.09 0.00	36.04 0.97 0.00	26.73 0.92 0.00	25.18 0.90 0.00	25.16 0.93 0.00	26.86 0.91 0.00	28.53 0.87 0.00	32.32 0.60 0.00	27.73 0.25 0.00	37.53 0.27 -0.13	76.48 2.76 -3.55	43.75 1.43 -0.27	30.46 0.72 0.00	29.53 0.58 0.00	36.12 0.91 0.00	26.82 1.01 0.00
BAYONEEC___CTG1 323682	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27
BAYONEEC___CTG10 323750	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27
BAYONEEC___CTG2 323683	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27
BAYONEEC___CTG3 323684	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27
BAYONEEC___CTG4 323685	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27
BAYONEEC___CTG5 323686	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27
BAYONEEC___CTG6 323687	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27

BAYONEEC___CTG7 323688	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27
BAYONEEC___CTG8 323689	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27
BAYONEEC___CTG9 323749	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.28 1.74 0.00	43.24 2.61 0.00	60.79 3.17 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.43 1.75 -0.01	33.73 2.01 0.00	35.44 1.74 -6.22	39.34 2.22 0.00	73.79 3.62 0.00	73.85 2.28 -29.50	124.89 1.37 -93.78	40.95 1.27 -10.72	37.45 1.74 -0.50	32.37 1.29 -5.27
BEACON___LESR 323632	21.50 0.34 0.00	22.78 0.44 0.00	23.71 0.50 0.00	22.22 0.44 0.00	22.13 0.47 0.00	21.93 0.53 0.00	30.51 0.97 0.00	42.15 1.51 0.00	59.23 1.60 0.00	35.72 0.65 0.00	26.24 0.43 0.00	24.64 0.36 0.00	24.55 0.32 0.00	26.26 0.32 0.00	28.04 0.37 0.00	32.27 0.55 0.00	28.08 0.60 0.00	38.12 1.00 0.00	71.76 1.59 0.00	43.26 1.20 0.00	30.56 0.82 0.00	29.65 0.70 0.00	35.79 0.58 0.00	26.15 0.34 0.00
BEAVER RIVER___HYD 24048	21.60 0.46 0.00	22.78 0.44 0.00	23.71 0.50 0.00	22.21 0.43 0.00	22.08 0.43 0.00	21.82 0.41 0.00	30.41 0.87 0.00	41.79 1.16 0.00	59.41 1.79 0.00	36.12 1.05 0.00	26.61 0.80 0.00	25.89 0.66 -0.94	25.31 0.45 -0.63	26.62 0.31 -0.36	29.82 0.30 -1.86	33.05 0.45 -0.88	28.40 0.43 -0.49	39.18 0.68 -1.38	78.18 1.46 -6.55	47.76 0.84 -4.85	31.35 0.71 -0.91	30.49 0.91 -0.63	37.51 1.09 -1.21	26.83 0.75 -0.26
BEEBEE_GT_13 23619	21.28 0.13 0.00	22.33 -0.01 0.00	23.12 -0.10 0.00	21.76 -0.02 0.00	21.66 0.01 0.00	21.58 0.17 0.00	29.94 0.40 0.00	41.06 0.43 0.00	58.21 0.59 0.00	35.75 0.68 0.00	26.44 0.63 0.00	24.93 0.64 0.00	25.00 0.76 0.00	26.75 0.80 0.00	28.43 0.77 0.00	32.36 0.64 0.00	27.77 0.29 0.00	36.57 0.32 0.87	55.17 1.82 16.82	39.97 0.90 3.00	30.12 0.39 0.00	29.24 0.29 0.00	35.73 0.52 0.00	26.43 0.61 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.44 1.29 0.00	23.78 1.44 0.00	24.58 1.37 0.00	22.97 1.20 0.00	22.79 1.14 0.00	22.62 1.21 0.00	31.48 1.95 0.00	43.57 2.94 0.00	61.31 3.68 0.00	37.61 2.51 -0.03	28.40 1.89 -0.70	43.59 1.72 -17.59	45.65 1.63 -19.79	37.54 1.74 -9.85	35.49 1.96 -5.87	38.39 2.27 -4.40	35.67 1.97 -6.23	39.67 2.55 0.00	74.32 4.15 0.00	74.26 2.70 -29.49	125.13 1.63 -93.75	41.25 1.58 -10.72	37.86 2.14 -0.50	32.95 1.59 -5.55
BETHLEHEM___GRP 23843	21.15 0.01 0.00	22.47 0.12 0.00	23.39 0.17 0.00	21.90 0.11 0.00	21.82 0.17 0.00	21.58 0.17 0.00	29.90 0.37 0.00	41.36 0.73 0.00	58.22 0.59 0.00	35.12 0.05 0.00	25.80 0.00 0.00	24.25 -0.03 0.00	24.17 -0.06 0.00	25.87 -0.07 0.00	27.61 -0.06 0.00	31.76 0.04 0.00	27.61 0.12 0.00	37.43 0.30 0.00	70.49 0.32 0.00	42.45 0.38 0.00	29.96 0.22 0.00	29.13 0.17 0.00	35.24 0.02 0.00	25.73 -0.08 0.00
BETHLEHEM___GS1 323560	21.16 0.01 0.00	22.47 0.13 0.00	23.39 0.17 0.00	21.90 0.11 0.00	21.82 0.17 0.00	21.58 0.17 0.00	29.91 0.37 0.00	41.36 0.73 0.00	58.22 0.59 0.00	35.12 0.05 0.00	25.80 0.00 0.00	24.25 -0.03 0.00	24.17 -0.06 0.00	25.87 -0.07 0.00	27.61 -0.06 0.00	31.76 0.04 0.00	27.61 0.12 0.00	37.42 0.30 0.00	70.49 0.32 0.00	42.44 0.38 0.00	29.96 0.22 0.00	29.13 0.17 0.00	35.24 0.02 0.00	25.73 -0.08 0.00
BETHLEHEM___GS2 323561	21.16 0.01 0.00	22.47 0.13 0.00	23.39 0.17 0.00	21.90 0.11 0.00	21.82 0.17 0.00	21.58 0.17 0.00	29.91 0.37 0.00	41.36 0.73 0.00	58.22 0.59 0.00	35.12 0.05 0.00	25.80 0.00 0.00	24.25 -0.03 0.00	24.17 -0.06 0.00	25.87 -0.07 0.00	27.61 -0.06 0.00	31.76 0.04 0.00	27.61 0.12 0.00	37.42 0.30 0.00	70.49 0.32 0.00	42.44 0.38 0.00	29.96 0.22 0.00	29.13 0.17 0.00	35.24 0.02 0.00	25.73 -0.08 0.00
BETHLEHEM___GS3 323562	21.16 0.01 0.00	22.47 0.13 0.00	23.39 0.17 0.00	21.90 0.11 0.00	21.82 0.17 0.00	21.58 0.17 0.00	29.91 0.37 0.00	41.36 0.73 0.00	58.22 0.59 0.00	35.12 0.05 0.00	25.80 0.00 0.00	24.25 -0.03 0.00	24.17 -0.06 0.00	25.87 -0.07 0.00	27.61 -0.06 0.00	31.76 0.04 0.00	27.61 0.12 0.00	37.42 0.30 0.00	70.49 0.32 0.00	42.44 0.38 0.00	29.96 0.22 0.00	29.13 0.17 0.00	35.24 0.02 0.00	25.73 -0.08 0.00
BETHLEHEM___STEEL 23779	21.04 -0.11 0.00	22.00 -0.34 0.00	22.75 -0.46 0.00	21.45 -0.33 0.00	21.35 -0.31 0.00	21.32 -0.09 0.00	29.59 0.05 0.00	40.41 -0.22 0.00	57.34 -0.29 0.00	35.36 0.29 0.00	26.21 0.40 0.00	24.85 0.56 0.00	25.03 0.79 0.00	26.86 0.91 0.00	28.50 0.84 0.00	32.25 0.53 0.00	27.52 0.04 0.00	47.05 -0.30 -10.23	266.86 1.21 -195.48	77.20 0.48 -34.65	29.90 0.16 0.00	28.98 0.03 0.00	35.51 0.29 0.00	26.39 0.58 0.00
BETHLHEM_115KV_TB1 79974	21.23 0.09 0.00	22.55 0.21 0.00	23.47 0.26 0.00	21.98 0.20 0.00	21.89 0.23 0.00	21.64 0.23 0.00	29.97 0.44 0.00	41.45 0.81 0.00	58.34 0.71 0.00	35.23 0.16 0.00	25.88 0.08 0.00	24.33 0.04 0.00	24.24 0.01 0.00	25.95 0.01 0.00	27.69 0.03 0.00	31.85 0.13 0.00	27.68 0.20 0.00	37.51 0.38 0.00	70.66 0.49 0.00	42.55 0.48 0.00	30.03 0.29 0.00	29.19 0.24 0.00	35.33 0.12 0.00	25.81 0.00 0.00
BETHPAGE_CC_5 323564	22.32 1.17 0.00	23.62 1.28 0.00	24.43 1.22 0.00	22.85 1.07 0.00	22.65 1.00 0.00	22.37 0.96 0.00	31.14 1.61 0.00	43.08 2.45 0.00	60.70 3.07 0.00	37.02 1.95 0.00	27.34 1.54 0.00	25.63 1.35 0.00	26.58 1.30 -1.05	27.33 1.39 0.00	29.26 1.60 0.00	33.62 1.91 0.00	34.20 1.51 -5.21	37.89 1.83 1.07	45.39 2.83 27.61	71.77 1.79 -27.91	71.48 1.12 -40.62	37.21 1.09 -7.17	37.35 1.64 -0.50	32.48 1.39 -5.28
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.12 -0.04 0.00	22.08 -0.26 0.00	22.84 -0.37 0.00	21.53 -0.25 0.00	21.42 -0.23 0.00	21.40 -0.01 0.00	29.71 0.17 0.00	40.57 -0.06 0.00	57.59 -0.03 0.00	35.50 0.43 0.00	26.31 0.51 0.00	24.94 0.66 0.00	25.14 0.90 0.00	26.97 1.02 0.00	28.62 0.95 0.00	32.38 0.67 0.00	27.63 0.14 0.00	46.87 -0.15 -9.90	260.67 1.46 -189.05	76.28 0.64 -33.58	30.02 0.28 0.00	29.09 0.14 0.00	35.63 0.42 0.00	26.47 0.66 0.00

BINGHAMTON___COGEN 23790	21.24 0.09 0.00	22.47 0.13 0.00	23.33 0.11 0.00	21.92 0.14 0.00	21.79 0.13 0.00	21.60 0.19 0.00	29.91 0.37 0.00	41.16 0.53 0.00	58.17 0.54 0.00	35.52 0.45 0.00	26.12 0.31 0.00	24.84 0.30 -0.25	24.75 0.35 -0.16	26.67 0.44 -0.28	28.52 0.45 -0.41	32.83 0.41 -0.70	28.12 0.25 -0.38	39.43 0.20 -2.10	94.77 0.95 -23.65	47.60 0.53 -5.00	30.62 0.34 -0.54	29.66 0.22 -0.48	36.45 0.31 -0.92	26.25 0.24 -0.20
BIXINCNT_115KV_LOAD 355685	21.26 0.11 0.00	22.24 -0.10 0.00	23.10 -0.11 0.00	21.80 0.02 0.00	21.64 -0.01 0.00	21.65 0.24 0.00	30.12 0.58 0.00	41.22 0.59 0.00	58.28 0.65 0.00	35.75 0.68 0.00	26.47 0.66 0.00	25.18 0.89 0.00	25.38 1.15 0.00	27.24 1.30 0.00	28.93 1.26 0.00	32.78 1.06 0.00	27.87 0.39 0.00	45.97 0.07 -8.78	238.64 1.87 -166.59	72.98 0.86 -30.06	30.12 0.39 0.00	29.18 0.22 0.00	35.64 0.42 0.00	26.37 0.55 0.00
BLACK RIVER___HYD 24047	21.71 0.57 0.00	22.90 0.56 0.00	23.82 0.61 0.00	22.35 0.57 0.00	22.21 0.56 0.00	21.99 0.58 0.00	30.78 1.24 0.00	42.35 1.72 0.00	60.16 2.53 0.00	36.56 1.49 0.00	26.92 1.11 0.00	26.15 0.89 -0.97	25.48 0.61 -0.64	26.99 0.44 -0.60	29.87 0.40 -1.81	33.86 0.65 -1.49	28.88 0.57 -0.82	40.39 0.95 -2.32	81.41 2.31 -8.93	48.64 1.37 -5.21	32.15 1.08 -1.33	31.23 1.22 -1.06	38.64 1.40 -2.03	27.20 0.95 -0.44
BLACKRVR_115KV_TB2 79977	21.71 0.57 0.00	22.90 0.56 0.00	23.82 0.61 0.00	22.35 0.57 0.00	22.21 0.56 0.00	21.99 0.58 0.00	30.78 1.24 0.00	42.35 1.72 0.00	60.17 2.54 0.00	36.56 1.49 0.00	26.92 1.11 0.00	26.15 0.90 -0.97	25.49 0.61 -0.64	26.99 0.44 -0.60	29.88 0.41 -1.81	33.86 0.65 -1.49	28.88 0.57 -0.82	40.39 0.95 -2.32	81.41 2.30 -8.93	48.64 1.37 -5.21	32.14 1.08 -1.33	31.23 1.22 -1.06	38.64 1.40 -2.03	27.19 0.94 -0.44
BLISS_WT_PWR 323608	21.24 0.09 0.00	22.20 -0.14 0.00	23.10 -0.12 0.00	21.80 0.02 0.00	21.63 -0.03 0.00	21.64 0.23 0.00	30.12 0.58 0.00	41.23 0.60 0.00	58.27 0.64 0.00	35.70 0.63 0.00	26.43 0.62 0.00	25.15 0.87 0.00	25.37 1.14 0.00	27.24 1.29 0.00	28.92 1.25 0.00	32.76 1.04 0.00	27.85 0.37 0.00	45.96 0.06 -8.78	238.63 1.87 -166.59	72.97 0.84 -30.06	30.06 0.32 0.00	29.13 0.18 0.00	35.51 0.30 0.00	26.26 0.45 0.00
BLUESTONE___WT_PWR 323821	21.80 0.65 0.00	22.54 0.20 0.00	23.91 0.70 0.00	22.27 0.49 0.00	22.10 0.44 0.00	22.19 0.78 0.00	30.09 0.55 0.00	41.52 0.89 0.00	59.13 1.50 0.00	35.99 0.92 0.00	26.56 0.75 0.00	25.09 0.60 -0.21	25.04 0.67 -0.14	26.93 0.75 -0.23	28.69 0.68 -0.34	32.92 0.62 -0.58	28.47 0.67 -0.32	39.91 1.10 -1.69	91.03 2.43 -18.43	46.93 0.93 -3.94	31.19 1.00 -0.46	30.33 0.98 -0.40	37.08 1.09 -0.78	27.03 1.06 -0.17
BLUE_CIRC_CHEM_DRP 24182	21.58 0.43 0.00	22.92 0.58 0.00	23.86 0.65 0.00	22.37 0.59 0.00	22.24 0.58 0.00	21.95 0.54 0.00	30.38 0.84 0.00	41.94 1.31 0.00	58.85 1.23 0.00	35.41 0.34 0.00	26.05 0.25 0.00	24.48 0.20 0.00	24.39 0.16 0.00	26.09 0.14 0.00	27.82 0.16 0.00	32.03 0.30 0.00	27.86 0.38 0.00	37.92 0.80 0.00	71.61 1.44 0.00	43.09 1.03 0.00	30.43 0.69 0.00	29.59 0.64 0.00	35.82 0.61 0.00	26.17 0.36 0.00
BOC_GAS_DRP 24189	21.46 0.31 0.00	22.78 0.44 0.00	23.71 0.49 0.00	22.22 0.43 0.00	22.06 0.40 0.00	21.77 0.36 0.00	30.12 0.58 0.00	41.61 0.98 0.00	58.61 0.98 0.00	35.48 0.41 0.00	26.07 0.27 0.00	24.51 0.22 0.00	24.44 0.20 0.00	26.16 0.21 0.00	27.92 0.25 0.00	32.07 0.35 0.00	27.85 0.36 0.00	37.69 0.56 0.00	70.98 0.81 0.00	42.71 0.64 0.00	30.15 0.42 0.00	29.33 0.38 0.00	35.56 0.35 0.00	26.01 0.20 0.00
BOONVILLE_115KV_TB1 79983	21.62 0.47 0.00	22.84 0.50 0.00	23.75 0.53 0.00	22.27 0.49 0.00	22.14 0.49 0.00	21.91 0.50 0.00	30.48 0.94 0.00	41.98 1.35 0.00	59.54 1.91 0.00	36.18 1.11 0.00	26.63 0.83 0.00	25.39 0.72 -0.39	25.15 0.65 -0.26	26.74 0.62 -0.17	29.08 0.66 -0.76	32.96 0.81 -0.43	28.45 0.73 -0.23	38.82 1.03 -0.66	75.20 2.09 -2.94	45.33 1.24 -2.02	31.03 0.88 -0.42	30.16 0.91 -0.30	36.85 1.05 -0.58	26.64 0.71 -0.13
BORALEX_4TH_BRANCH 23824	22.12 0.97 0.00	23.55 1.20 0.00	24.51 1.31 0.00	22.92 1.14 0.00	22.79 1.14 0.00	22.40 0.99 0.00	30.97 1.44 0.00	43.06 2.43 0.00	60.58 2.96 0.00	36.23 1.16 0.00	26.62 0.81 0.00	25.03 0.74 0.00	25.00 0.76 0.00	26.86 0.92 0.00	28.65 0.99 0.00	32.75 1.03 0.00	28.42 0.94 0.00	38.48 1.36 0.00	72.56 2.38 0.00	43.80 1.73 0.00	30.91 1.17 0.00	30.27 1.32 0.00	36.42 1.20 0.00	26.52 0.71 0.00
BOWLINE___1 23526	21.84 0.69 0.00	23.18 0.84 0.00	23.98 0.76 0.00	22.41 0.63 0.00	22.25 0.60 0.00	22.07 0.67 0.00	30.79 1.25 0.00	42.61 1.98 0.00	59.82 2.19 0.00	36.50 1.44 0.00	26.84 1.04 0.00	25.20 0.92 0.00	23.51 0.81 1.54	26.84 0.90 0.00	28.75 1.08 0.00	32.96 1.24 0.00	19.38 1.08 9.18	38.57 1.44 0.00	72.62 2.45 0.00	20.73 1.57 22.90	-43.17 0.91 73.81	18.98 0.77 10.74	35.82 1.11 0.50	21.36 0.83 5.28
BOWLINE___2 23595	21.84 0.69 0.00	23.18 0.84 0.00	23.98 0.76 0.00	22.41 0.63 0.00	22.25 0.60 0.00	22.07 0.67 0.00	30.79 1.25 0.00	42.61 1.98 0.00	59.82 2.19 0.00	36.50 1.44 0.00	26.84 1.04 0.00	25.20 0.92 0.00	23.51 0.81 1.54	26.84 0.90 0.00	28.75 1.08 0.00	32.96 1.24 0.00	19.37 1.08 9.19	38.57 1.44 0.00	72.62 2.45 0.00	20.72 1.57 22.91	-43.20 0.91 73.84	18.98 0.77 10.74	35.82 1.11 0.50	21.36 0.83 5.28
BRADY___115KV_TB2 356060	21.59 0.44 0.00	22.52 0.18 0.00	23.46 0.25 0.00	21.95 0.17 0.00	21.91 0.26 0.00	21.63 0.22 0.00	29.66 0.12 0.00	40.23 -0.39 0.00	57.58 -0.05 0.00	35.15 0.08 0.00	25.88 0.07 0.00	25.19 0.11 -0.80	24.71 -0.05 -0.53	25.80 -0.14 0.00	29.23 -0.14 -1.71	31.64 -0.08 0.00	27.51 0.03 0.00	37.10 -0.02 0.00	72.71 -0.15 -2.69	45.77 -0.10 -3.81	30.08 0.09 -0.25	29.26 0.31 0.00	35.69 0.48 0.00	26.23 0.42 0.00
BRANSCOMB___SOLAR 323811	22.11 0.96 0.00	23.48 1.14 0.00	24.43 1.21 0.00	22.89 1.11 0.00	22.78 1.12 0.00	22.53 1.12 0.00	31.28 1.74 0.00	43.29 2.66 0.00	60.84 3.22 0.00	36.50 1.43 0.00	26.82 1.02 0.00	25.21 0.93 0.00	25.14 0.90 0.00	26.94 0.99 0.00	28.66 1.00 0.00	33.08 1.36 0.00	28.76 1.28 0.00	39.03 1.91 0.00	73.90 3.73 0.00	44.59 2.52 0.00	31.46 1.72 0.00	30.58 1.63 0.00	36.88 1.67 0.00	26.88 1.07 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.54 1.39 0.00	23.82 1.48 0.00	24.64 1.43 0.00	23.05 1.27 0.00	22.86 1.21 0.00	22.58 1.17 0.00	31.45 1.91 0.00	43.44 2.81 0.00	61.41 3.78 0.00	37.30 2.23 0.00	27.53 1.73 0.00	25.79 1.51 0.00	26.76 1.47 -1.05	27.51 1.56 0.00	29.40 1.74 0.00	33.72 2.00 0.00	34.17 1.71 -4.97	38.05 2.22 1.30	40.52 3.66 33.31	71.84 2.18 -27.59	59.79 1.43 -28.62	36.66 1.33 -6.38	37.53 1.82 -0.50	32.73 1.64 -5.28



BRISTLHL_115KV_TB1 79998	20.76 -0.39 0.00	21.92 -0.43 0.00	22.73 -0.49 0.00	21.39 -0.39 0.00	21.25 -0.40 0.00	21.06 -0.35 0.00	29.12 -0.42 0.00	40.11 -0.52 0.00	56.76 -0.86 0.00	34.62 -0.44 0.00	25.49 -0.32 0.00	25.13 -0.32 -1.16	24.73 -0.27 -0.77	26.97 -0.29 -1.32	29.23 -0.32 -1.90	34.52 -0.45 -3.25	28.82 -0.46 -1.79	41.59 -0.60 -5.07	85.65 -0.79 -16.27	48.40 -0.47 -6.80	31.94 -0.40 -2.60	30.82 -0.44 -2.31	39.11 -0.53 -4.43	26.39 -0.38 -0.95
BROOKHAVEN___DRP 24191	22.55 1.40 0.00	23.83 1.49 0.00	24.63 1.42 0.00	23.06 1.28 0.00	22.88 1.22 0.00	22.61 1.20 0.00	31.48 1.94 0.00	43.41 2.78 0.00	61.30 3.68 0.00	37.24 2.17 0.00	27.45 1.64 0.00	25.71 1.43 0.00	26.67 1.38 -1.05	27.40 1.45 0.00	29.31 1.64 0.00	33.65 1.93 0.00	34.11 1.68 -4.95	38.04 2.24 1.32	40.00 3.77 33.95	71.97 2.34 -27.56	58.46 1.45 -27.28	36.61 1.37 -6.29	37.56 1.85 -0.50	32.70 1.61 -5.28
BROOKLYN_NAVY_YARD 23515	22.24 1.09 0.00	23.57 1.23 0.00	24.36 1.15 0.00	-9.59 0.98 32.36	22.56 0.91 0.01	22.37 0.96 0.01	31.15 1.62 0.01	43.10 2.47 0.00	60.60 2.98 0.00	37.10 2.04 0.01	27.41 1.60 0.00	25.86 1.48 -0.09	26.71 1.35 -1.13	27.42 1.48 0.00	29.35 1.68 -0.01	33.63 1.91 0.00	35.33 1.65 -6.21	39.21 2.10 0.01	73.60 3.43 0.00	73.75 2.17 -29.50	124.82 1.30 -93.78	40.88 1.21 -10.72	37.34 1.64 -0.49	32.27 1.20 -5.26
BROOKLYN___ARMY_DRP 323595	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
BROOKVLE_69_KV_TB1 55790	22.41 1.26 0.00	23.71 1.37 0.00	24.52 1.31 0.00	22.94 1.16 0.00	22.77 1.12 0.00	22.53 1.12 0.00	31.40 1.86 0.00	43.45 2.82 0.00	61.15 3.52 0.00	37.32 2.25 0.00	27.53 1.73 0.00	25.84 1.55 0.00	26.78 1.50 -1.05	27.56 1.62 0.00	29.49 1.82 0.00	33.84 2.12 0.00	35.03 1.81 -5.74	38.86 2.28 0.55	59.52 3.78 14.43	73.09 2.35 -28.68	98.71 1.52 -67.45	39.30 1.40 -8.94	37.58 1.87 -0.50	32.59 1.50 -5.28
BROOME_2_LFGE 323671	21.24 0.09 0.00	22.47 0.13 0.00	23.33 0.11 0.00	21.92 0.14 0.00	21.79 0.14 0.00	21.60 0.19 0.00	29.91 0.37 0.00	41.16 0.53 0.00	58.17 0.54 0.00	35.52 0.45 0.00	26.12 0.32 0.00	24.84 0.30 -0.25	24.75 0.35 -0.16	26.67 0.44 -0.28	28.52 0.45 -0.41	32.83 0.41 -0.70	28.12 0.25 -0.38	39.43 0.20 -2.10	94.77 0.95 -23.65	47.60 0.53 -5.00	30.62 0.34 -0.54	29.65 0.22 -0.48	36.44 0.30 -0.92	26.25 0.24 -0.20
BROOME___LFGE 323600	21.24 0.09 0.00	22.47 0.13 0.00	23.33 0.11 0.00	21.92 0.14 0.00	21.79 0.14 0.00	21.60 0.19 0.00	29.91 0.37 0.00	41.16 0.53 0.00	58.17 0.54 0.00	35.52 0.45 0.00	26.12 0.32 0.00	24.84 0.30 -0.25	24.75 0.35 -0.16	26.67 0.44 -0.28	28.52 0.45 -0.41	32.83 0.41 -0.70	28.12 0.25 -0.38	39.43 0.20 -2.10	94.77 0.95 -23.65	47.60 0.53 -5.00	30.62 0.34 -0.54	29.65 0.22 -0.48	36.44 0.30 -0.92	26.25 0.24 -0.20
BROWNFLS_115KV_TB 3_5 80003	21.50 0.35 0.00	22.57 0.23 0.00	23.50 0.29 0.00	22.01 0.23 0.00	21.90 0.25 0.00	21.60 0.19 0.00	29.86 0.32 0.00	40.75 0.12 0.00	58.07 0.44 0.00	35.45 0.38 0.00	26.18 0.38 0.00	25.93 0.30 -1.35	25.26 0.14 -0.90	26.15 -0.04 -0.25	30.32 -0.12 -2.77	32.25 -0.08 -0.61	27.82 -0.01 -0.34	38.10 0.02 -0.95	77.12 0.08 -6.87	48.76 0.02 -6.67	30.74 0.15 -0.85	29.79 0.41 -0.43	36.61 0.56 -0.83	26.46 0.47 -0.18
BROWNSV1_27_KV_LOAD 356125	22.42 1.27 0.00	23.78 1.44 0.00	24.60 1.38 0.00	22.99 1.21 0.00	22.78 1.13 0.00	22.59 1.18 0.00	31.47 1.93 0.00	43.53 2.90 0.00	61.24 3.61 0.00	37.51 2.44 0.00	27.68 1.87 0.00	26.09 1.72 -0.09	26.96 1.59 -1.13	27.68 1.73 0.00	29.63 1.96 -0.01	33.96 2.24 0.00	35.65 1.94 -6.22	39.62 2.50 0.00	74.35 4.18 0.00	74.20 2.63 -29.50	125.14 1.62 -93.78	41.18 1.51 -10.72	37.72 2.01 -0.50	32.55 1.47 -5.27
BURROWS___LYONSDAL 23803	21.61 0.46 0.00	22.82 0.48 0.00	23.74 0.53 0.00	22.26 0.48 0.00	22.12 0.47 0.00	21.87 0.46 0.00	30.46 0.92 0.00	41.97 1.34 0.00	59.54 1.91 0.00	36.18 1.11 0.00	26.63 0.82 0.00	25.50 0.72 -0.50	25.18 0.62 -0.33	26.71 0.56 -0.21	29.23 0.59 -0.97	32.98 0.74 -0.52	28.44 0.67 -0.29	38.90 0.97 -0.80	75.77 1.96 -3.64	45.78 1.14 -2.58	31.09 0.84 -0.52	30.24 0.92 -0.37	36.99 1.08 -0.70	26.69 0.73 -0.15
CAITHNESS_CC_1 323624	22.43 1.28 0.00	23.72 1.37 0.00	24.51 1.30 0.00	22.95 1.17 0.00	22.76 1.11 0.00	22.49 1.08 0.00	31.30 1.76 0.00	43.16 2.53 0.00	60.96 3.34 0.00	37.05 1.98 0.00	27.33 1.53 0.00	25.61 1.33 0.00	26.57 1.28 -1.05	27.29 1.35 0.00	29.19 1.52 0.00	33.50 1.78 0.00	33.95 1.53 -4.95	37.79 1.99 1.32	39.45 3.25 33.97	71.65 2.03 -27.55	58.20 1.24 -27.22	36.41 1.17 -6.29	37.35 1.64 -0.50	32.61 1.52 -5.28
CALPINE BETH_PAGE_GT4 24209	22.35 1.20 0.00	23.66 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.69 1.04 0.00	22.43 1.02 0.00	31.23 1.69 0.00	43.19 2.56 0.00	60.83 3.20 0.00	37.10 2.03 0.00	27.39 1.59 0.00	25.68 1.40 0.00	26.63 1.34 -1.05	27.38 1.44 0.00	29.31 1.64 0.00	33.64 1.93 0.00	34.32 1.52 -5.33	38.02 1.85 0.96	48.30 2.91 24.78	71.99 1.86 -28.07	77.51 1.17 -46.61	37.64 1.12 -7.57	37.41 1.70 -0.50	32.51 1.42 -5.28
CALPINE_BETH_PAGE_GT_4 323586	22.35 1.20 0.00	23.65 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.69 1.04 0.00	22.42 1.01 0.00	31.23 1.69 0.00	43.19 2.56 0.00	60.83 3.20 0.00	37.09 2.02 0.00	27.39 1.59 0.00	25.68 1.40 0.00	26.62 1.34 -1.05	27.38 1.44 0.00	29.31 1.64 0.00	33.64 1.93 0.00	34.32 1.52 -5.33	38.02 1.85 0.96	48.29 2.90 24.78	71.99 1.86 -28.07	77.51 1.17 -46.61	37.64 1.12 -7.57	37.41 1.70 -0.50	32.51 1.42 -5.28
CALPINE_BP_GT1 23823	22.35 1.20 0.00	23.65 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.69 1.04 0.00	22.42 1.01 0.00	31.23 1.69 0.00	43.19 2.56 0.00	60.83 3.20 0.00	37.09 2.02 0.00	27.39 1.59 0.00	25.68 1.40 0.00	26.62 1.34 -1.05	27.38 1.44 0.00	29.31 1.64 0.00	33.64 1.93 0.00	34.32 1.52 -5.33	38.02 1.85 0.96	48.29 2.90 24.78	71.99 1.86 -28.07	77.51 1.17 -46.61	37.64 1.12 -7.57	37.41 1.70 -0.50	32.51 1.42 -5.28
CALSPAN___DRP 24200	21.04 -0.11 0.00	22.00 -0.34 0.00	22.75 -0.46 0.00	21.45 -0.33 0.00	21.35 -0.31 0.00	21.32 -0.09 0.00	29.59 0.05 0.00	40.41 -0.22 0.00	57.34 -0.29 0.00	35.36 0.29 0.00	26.21 0.40 0.00	24.85 0.56 0.00	25.03 0.79 0.00	26.86 0.91 0.00	28.50 0.84 0.00	32.25 0.53 0.00	27.52 0.04 0.00	47.05 -0.30 -10.23	266.86 1.21 -195.48	77.20 0.48 -34.65	29.90 0.16 0.00	28.98 0.03 0.00	35.51 0.29 0.00	26.39 0.58 0.00

CALVERTON___SOLAR 323806	22.61 1.46 0.00	23.90 1.56 0.00	24.70 1.49 0.00	23.13 1.35 0.00	22.94 1.29 0.00	22.68 1.26 0.00	31.59 2.05 0.00	43.56 2.93 0.00	61.47 3.85 0.00	37.33 2.26 0.00	27.51 1.71 0.00	25.76 1.48 0.00	26.72 1.43 -1.05	27.46 1.51 0.00	29.37 1.70 0.00	33.74 2.02 0.00	34.20 1.78 -4.95	38.18 2.38 1.32	40.30 4.07 33.94	72.14 2.51 -27.56	58.60 1.57 -27.28	36.72 1.48 -6.29	37.70 1.99 -0.50	32.79 1.70 -5.28
CANDIGU_WT_PWR 323617	20.49 -0.66 0.00	21.57 -0.77 0.00	22.26 -0.95 0.00	20.99 -0.79 0.00	20.85 -0.81 0.00	20.80 -0.61 0.00	28.93 -0.61 0.00	39.28 -1.35 0.00	55.90 -1.72 0.00	34.35 -0.72 0.00	25.35 -0.45 0.00	24.19 -0.09 0.00	24.42 0.18 0.00	26.37 0.42 0.00	27.99 0.32 0.00	31.64 -0.08 0.00	27.09 -0.50 -0.11	40.09 -0.52 -3.49	133.50 0.62 -62.72	52.73 0.13 -10.53	30.02 0.00 -0.27	29.02 -0.18 -0.24	35.54 -0.14 -0.47	25.85 -0.06 -0.10
CARR STREET_E_SYR 24060	20.92 -0.23 0.00	22.08 -0.26 0.00	22.90 -0.32 0.00	21.54 -0.24 0.00	21.41 -0.24 0.00	21.22 -0.19 0.00	29.36 -0.18 0.00	40.43 -0.20 0.00	57.22 -0.41 0.00	34.93 -0.14 0.00	25.71 -0.09 0.00	24.55 -0.09 -0.36	24.43 -0.04 -0.24	26.32 -0.03 -0.40	28.20 -0.05 -0.58	32.59 -0.12 -1.00	27.88 -0.16 -0.55	38.47 -0.22 -1.56	75.09 -0.09 -5.01	44.10 -0.06 -2.10	30.42 -0.12 -0.80	29.46 -0.20 -0.71	36.32 -0.25 -1.37	25.94 -0.17 -0.29
CARTHAGE___PAPER 23857	21.78 0.63 0.00	22.96 0.62 0.00	23.89 0.68 0.00	22.39 0.61 0.00	22.26 0.61 0.00	22.02 0.61 0.00	30.75 1.22 0.00	42.27 1.64 0.00	60.08 2.46 0.00	36.50 1.43 0.00	26.89 1.08 0.00	26.13 0.88 -0.96	25.50 0.64 -0.64	26.94 0.49 -0.51	29.95 0.46 -1.83	33.64 0.67 -1.25	28.82 0.65 -0.69	40.08 1.01 -1.96	80.43 2.26 -8.01	48.48 1.35 -5.07	31.96 1.06 -1.17	31.07 1.23 -0.89	38.36 1.44 -1.71	27.17 0.99 -0.37
CASSADAGA_WT_PWR 323784	21.23 0.07 0.00	22.37 0.03 0.00	23.03 -0.19 0.00	21.67 -0.11 0.00	21.52 -0.14 0.00	21.50 0.09 0.00	30.00 0.46 0.00	41.16 0.53 0.00	58.26 0.63 0.00	35.86 0.79 0.00	26.51 0.71 0.00	25.31 1.02 0.00	25.60 1.37 0.00	27.58 1.63 0.00	29.27 1.60 0.00	33.06 1.34 0.00	28.19 0.71 0.00	50.46 0.66 -12.68	305.92 3.33 -232.42	89.31 1.79 -45.45	30.78 1.05 0.00	29.64 0.69 0.00	36.18 0.97 0.00	26.76 0.95 0.00
CE_DUNWOOD___DRP 24194	22.11 0.96 0.00	23.44 1.10 0.00	24.27 1.05 0.00	22.69 0.91 0.00	22.52 0.87 0.00	22.33 0.92 0.00	31.08 1.55 0.00	43.01 2.38 0.00	60.50 2.87 0.00	36.96 1.89 0.00	27.21 1.41 0.00	25.55 1.27 0.00	26.54 1.17 -1.14	27.23 1.28 0.00	29.13 1.47 0.00	33.41 1.69 0.00	35.76 1.48 -6.79	39.04 1.92 0.00	73.35 3.17 0.00	76.52 2.01 -32.45	134.72 1.22 -103.77	41.03 1.12 -10.96	37.20 1.48 -0.51	32.30 1.10 -5.39
CE_MILLWOOD___DRP 24193	22.06 0.91 0.00	23.40 1.06 0.00	24.22 1.01 0.00	22.65 0.87 0.00	22.49 0.83 0.00	22.29 0.88 0.00	31.03 1.49 0.00	42.94 2.31 0.00	60.38 2.75 0.00	36.88 1.81 0.00	27.15 1.34 0.00	25.49 1.21 0.00	30.62 1.10 -5.28	27.16 1.21 0.00	29.06 1.39 0.00	33.33 1.62 0.00	60.43 1.41 -31.53	38.96 1.84 0.00	73.21 3.04 0.00	144.69 1.93 -100.69	353.99 1.17 -323.09	69.70 1.06 -39.69	38.46 1.42 -1.84	46.37 1.05 -19.51
CE_NYC2_DRP 24202	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.91 1.13 0.00	22.72 1.07 0.00	22.54 1.13 0.00	31.30 1.76 0.00	43.31 2.68 0.00	60.98 3.35 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.52 1.65 -17.59	45.54 1.52 -19.79	37.45 1.66 -9.85	35.41 1.87 -5.87	38.26 2.14 -4.40	35.55 1.84 -6.23	39.47 2.35 0.00	73.97 3.80 0.00	74.00 2.44 -29.49	124.96 1.47 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.41 -5.55
CE_NYC_DRP 24195	22.30 1.15 0.00	23.63 1.29 0.00	24.44 1.23 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.48 1.07 0.00	31.30 1.76 0.00	43.30 2.67 0.00	60.91 3.28 0.00	37.30 2.23 0.00	27.52 1.72 0.00	25.95 1.58 -0.09	26.82 1.45 -1.13	27.54 1.59 0.00	29.47 1.80 -0.01	33.78 2.06 0.00	35.49 1.79 -6.22	39.42 2.29 0.00	73.94 3.77 0.00	73.94 2.37 -29.51	124.96 1.43 -93.79	41.01 1.33 -10.72	37.50 1.80 -0.50	32.40 1.32 -5.27
CHAFFEE___LFGE 323603	21.14 -0.01 0.00	22.11 -0.23 0.00	22.86 -0.36 0.00	21.54 -0.24 0.00	21.46 -0.20 0.00	21.43 0.03 0.00	29.77 0.23 0.00	40.71 0.08 0.00	57.77 0.15 0.00	35.64 0.56 0.00	26.38 0.57 0.00	24.99 0.70 0.00	25.16 0.93 0.00	27.00 1.06 0.00	28.64 0.98 0.00	32.41 0.69 0.00	27.67 0.19 0.00	46.57 -0.08 -9.52	253.23 1.67 -181.39	75.27 0.79 -32.42	30.12 0.38 0.00	29.18 0.23 0.00	35.75 0.54 0.00	26.54 0.73 0.00
CHATEAUG_35_KV_LOAD 355732	20.96 -0.19 0.00	21.97 -0.37 0.00	22.93 -0.28 0.00	21.37 -0.41 0.00	21.34 -0.31 0.00	21.04 -0.37 0.00	28.79 -0.74 0.00	38.91 -1.72 0.00	55.69 -1.94 0.00	34.01 -1.06 0.00	25.04 -0.77 0.00	11.74 -0.71 11.84	15.60 -0.76 7.88	25.12 -0.83 0.00	1.33 -0.96 25.38	30.82 -0.90 0.00	26.90 -0.58 0.00	36.07 -1.05 0.00	27.64 -2.58 39.95	-16.09 -1.61 56.55	25.11 -0.86 3.77	28.52 -0.43 0.00	34.85 -0.36 0.00	25.53 -0.28 0.00
CHATEAUG_WT_PWR 323614	20.75 -0.40 0.00	21.91 -0.43 0.00	22.95 -0.26 0.00	21.28 -0.50 0.00	21.24 -0.41 0.00	20.96 -0.45 0.00	28.55 -0.99 0.00	38.19 -2.44 0.00	54.53 -3.09 0.00	33.38 -1.69 0.00	24.57 -1.23 0.00	11.89 -1.16 11.24	15.53 -1.22 7.48	24.63 -1.32 0.00	2.01 -1.57 24.08	30.30 -1.42 0.00	26.70 -0.79 0.00	35.56 -1.56 0.00	27.92 -4.33 37.92	-14.36 -2.75 53.67	24.73 -1.43 3.57	28.23 -0.72 0.00	34.66 -0.55 0.00	25.32 -0.49 0.00
CHAT_HIGH_FALL_HYD 323578	20.96 -0.19 0.00	21.97 -0.37 0.00	22.93 -0.28 0.00	21.37 -0.41 0.00	21.34 -0.31 0.00	21.04 -0.37 0.00	28.79 -0.74 0.00	38.91 -1.72 0.00	55.69 -1.94 0.00	34.01 -1.06 0.00	25.04 -0.77 0.00	11.74 -0.71 11.84	15.60 -0.76 7.88	25.12 -0.83 0.00	1.33 -0.96 25.38	30.82 -0.90 0.00	26.90 -0.58 0.00	36.07 -1.05 0.00	27.64 -2.58 39.95	-16.09 -1.61 56.55	25.11 -0.86 3.77	28.52 -0.43 0.00	34.85 -0.36 0.00	25.53 -0.28 0.00
CHAUTAUQUA___LFGE 323629	21.01 -0.14 0.00	22.13 -0.22 0.00	22.80 -0.41 0.00	21.50 -0.29 0.00	21.38 -0.28 0.00	21.38 -0.03 0.00	29.80 0.26 0.00	40.76 0.13 0.00	57.67 0.05 0.00	35.52 0.46 0.00	26.25 0.44 0.00	24.98 0.70 0.00	25.22 0.99 0.00	27.15 1.21 0.00	28.83 1.17 0.00	32.58 0.86 0.00	27.79 0.31 0.00	51.52 0.14 -14.26	332.58 2.32 -260.09	94.65 1.19 -51.39	30.38 0.65 0.00	29.32 0.37 0.00	35.87 0.66 0.00	26.55 0.73 0.00
CHERRYST_13_KV_LD 356241	22.35 1.20 0.00	23.69 1.35 0.00	24.50 1.28 0.00	22.91 1.13 0.00	22.72 1.07 0.00	22.54 1.13 0.00	31.40 1.86 0.00	43.42 2.79 0.00	61.10 3.47 0.00	37.43 2.36 0.00	27.61 1.81 0.00	26.05 1.67 -0.09	26.91 1.55 -1.13	27.63 1.69 0.00	29.57 1.91 -0.01	33.90 2.18 0.00	35.59 1.89 -6.22	39.54 2.42 0.00	74.17 4.00 0.00	74.07 2.50 -29.51	125.05 1.52 -93.79	41.09 1.42 -10.72	37.60 1.89 -0.50	32.47 1.39 -5.27

CHESTROR_138KV_BK263 355645	21.80 0.65 0.00	23.13 0.79 0.00	23.95 0.74 0.00	22.41 0.63 0.00	22.24 0.59 0.00	22.05 0.64 0.00	30.69 1.15 0.00	42.45 1.82 0.00	59.66 2.03 0.00	36.36 1.29 0.00	26.73 0.92 0.00	25.10 0.82 0.00	23.91 0.73 1.05	26.75 0.80 0.00	28.62 0.95 0.00	32.83 1.11 0.00	22.22 0.99 6.24	38.46 1.33 0.00	72.47 2.30 0.00	28.23 1.48 15.32	-18.80 0.88 49.42	22.35 0.77 7.37	35.90 1.03 0.34	22.95 0.76 3.62
CH_MIDHUDSON___DRP 24192	22.03 0.88 0.00	23.37 1.03 0.00	24.22 1.01 0.00	22.66 0.88 0.00	22.49 0.84 0.00	22.29 0.88 0.00	31.01 1.47 0.00	42.91 2.28 0.00	60.40 2.77 0.00	36.81 1.74 0.00	27.04 1.24 0.00	25.38 1.10 0.00	25.48 1.02 -0.23	27.06 1.12 0.00	28.96 1.29 0.00	33.23 1.51 0.00	30.23 1.36 -1.39	38.93 1.81 0.00	73.23 3.06 0.00	47.75 1.96 -3.73	42.96 1.22 -12.01	31.71 1.11 -1.65	36.68 1.39 -0.08	27.62 0.99 -0.81
CH_MISC_IPPS 23765	22.11 0.96 0.00	23.45 1.11 0.00	24.30 1.08 0.00	22.74 0.96 0.00	22.57 0.91 0.00	22.37 0.96 0.00	31.16 1.62 0.00	43.12 2.49 0.00	60.65 3.02 0.00	36.95 1.88 0.00	27.15 1.34 0.00	25.49 1.20 0.00	25.35 1.12 0.00	27.17 1.22 0.00	29.08 1.41 0.00	33.38 1.66 0.00	28.98 1.49 0.00	39.14 2.02 0.00	73.68 3.51 0.00	44.27 2.21 0.00	31.13 1.39 0.00	30.21 1.26 0.00	36.79 1.58 0.00	26.95 1.13 0.00
CH_RES_BVR_FALLS 23983	21.05 -0.10 0.00	22.15 -0.20 0.00	23.05 -0.16 0.00	21.58 -0.20 0.00	21.47 -0.18 0.00	21.20 -0.21 0.00	29.19 -0.35 0.00	39.95 -0.68 0.00	56.97 -0.66 0.00	34.71 -0.36 0.00	25.57 -0.24 0.00	24.06 -0.22 0.00	23.99 -0.25 0.00	25.64 -0.31 0.00	27.32 -0.34 0.00	31.38 -0.34 0.00	27.20 -0.28 0.00	36.69 -0.43 0.00	69.11 -1.06 0.00	41.38 -0.69 0.00	29.32 -0.41 0.00	28.68 -0.27 0.00	34.99 -0.23 0.00	25.63 -0.19 0.00
CH_RES_NIAGARA 23895	20.56 -0.59 0.00	21.54 -0.80 0.00	22.30 -0.91 0.00	21.02 -0.76 0.00	20.93 -0.72 0.00	20.88 -0.53 0.00	28.90 -0.64 0.00	39.35 -1.28 0.00	55.93 -1.70 0.00	34.53 -0.53 0.00	25.65 -0.16 0.00	24.25 -0.04 0.00	24.45 0.22 0.00	26.20 0.26 0.00	27.70 0.03 0.00	31.30 -0.42 0.00	26.70 -0.78 0.00	34.44 -1.37 1.32	43.12 -0.77 26.28	36.68 -0.84 4.55	28.85 -0.88 0.00	28.04 -0.91 0.00	34.47 -0.75 0.00	25.84 0.03 0.00
CH_RES_SYRACUSE 23985	21.00 -0.15 0.00	22.19 -0.15 0.00	22.98 -0.23 0.00	21.65 -0.13 0.00	21.52 -0.13 0.00	21.31 -0.10 0.00	29.49 -0.05 0.00	40.60 -0.03 0.00	57.45 -0.18 0.00	35.05 -0.03 0.00	25.79 -0.02 0.00	24.94 -0.02 -0.67	24.71 0.03 -0.44	26.77 0.06 -0.76	28.81 0.05 -1.10	33.56 -0.04 -1.88	28.46 -0.06 -1.04	39.99 -0.07 -2.94	79.80 0.20 -9.43	46.13 0.12 -3.95	31.25 0.00 -1.51	30.21 -0.08 -1.34	37.68 -0.10 -2.57	26.31 -0.05 -0.55
CLINTON_WT_PWR 323605	20.75 -0.40 0.00	21.91 -0.43 0.00	22.95 -0.26 0.00	21.28 -0.50 0.00	21.24 -0.41 0.00	20.96 -0.45 0.00	28.55 -0.99 0.00	38.19 -2.44 0.00	54.53 -3.09 0.00	33.38 -1.69 0.00	24.57 -1.23 0.00	11.89 -1.16 11.24	15.53 -1.22 7.48	24.63 -1.32 0.00	2.01 -1.57 24.08	30.30 -1.42 0.00	26.70 -0.79 0.00	35.56 -1.56 0.00	27.92 -4.33 37.92	-14.36 -2.75 53.67	24.73 -1.43 3.57	28.23 -0.72 0.00	34.66 -0.55 0.00	25.32 -0.49 0.00
CLINTON___LFGE 323618	21.05 -0.10 0.00	22.17 -0.18 0.00	23.18 -0.04 0.00	21.52 -0.25 0.00	21.49 -0.17 0.00	21.21 -0.20 0.00	28.97 -0.56 0.00	38.95 -1.68 0.00	55.69 -1.94 0.00	34.04 -1.03 0.00	25.06 -0.75 0.00	12.23 -0.72 11.33	15.93 -0.76 7.54	25.12 -0.82 0.00	2.34 -1.03 24.29	30.87 -0.84 0.00	27.10 -0.39 0.00	36.24 -0.88 0.00	29.24 -2.68 38.25	-13.74 -1.67 54.14	25.32 -0.81 3.61	28.67 -0.28 0.00	35.04 -0.17 0.00	25.64 -0.17 0.00
COBBLENY_34_KV_TB1 80064	21.14 -0.01 0.00	22.11 -0.23 0.00	22.85 -0.36 0.00	21.54 -0.24 0.00	21.46 -0.20 0.00	21.43 0.02 0.00	29.77 0.23 0.00	40.71 0.08 0.00	57.78 0.15 0.00	35.63 0.56 0.00	26.37 0.57 0.00	24.99 0.70 0.00	25.16 0.93 0.00	26.99 1.04 0.00	28.64 0.97 0.00	32.41 0.69 0.00	27.66 0.18 0.00	46.57 -0.08 -9.52	253.21 1.64 -181.39	75.24 0.76 -32.42	30.12 0.39 0.00	29.18 0.23 0.00	35.75 0.53 0.00	26.54 0.73 0.00
COFFEEN___115KV_TB3 355620	21.86 0.71 0.00	23.06 0.72 0.00	23.96 0.75 0.00	22.49 0.71 0.00	22.36 0.71 0.00	22.15 0.74 0.00	31.03 1.49 0.00	42.72 2.09 0.00	60.66 3.03 0.00	36.85 1.78 0.00	27.12 1.31 0.00	26.32 1.06 -0.97	25.61 0.73 -0.64	27.14 0.58 -0.62	29.99 0.52 -1.80	34.09 0.84 -1.53	29.07 0.74 -0.84	40.74 1.23 -2.39	82.28 3.02 -9.09	49.12 1.82 -5.24	32.47 1.38 -1.36	31.51 1.48 -1.09	38.98 1.68 -2.09	27.39 1.13 -0.45
COLDSPRG_115KV_BK1 355956	21.51 0.36 0.00	22.68 0.34 0.00	23.35 0.14 0.00	22.00 0.22 0.00	21.88 0.23 0.00	21.90 0.49 0.00	30.50 0.96 0.00	41.86 1.23 0.00	59.15 1.52 0.00	36.51 1.45 0.00	27.03 1.22 0.00	25.74 1.45 0.00	25.96 1.73 0.00	27.92 1.97 0.00	29.60 1.94 0.00	33.51 1.79 0.00	28.48 1.00 0.00	48.22 0.90 -10.19	262.52 3.61 -188.74	80.12 1.98 -36.08	31.02 1.28 0.00	29.92 0.97 0.00	36.65 1.44 0.00	27.11 1.30 0.00
COLONIE_LFGE___ 323577	21.77 0.62 0.00	23.12 0.78 0.00	24.06 0.85 0.00	22.53 0.75 0.00	22.41 0.76 0.00	22.14 0.74 0.00	30.69 1.15 0.00	42.47 1.84 0.00	59.76 2.14 0.00	35.98 0.91 0.00	26.44 0.63 0.00	24.85 0.57 0.00	24.79 0.56 0.00	26.56 0.62 0.00	28.32 0.65 0.00	32.55 0.84 0.00	28.28 0.80 0.00	38.34 1.21 0.00	72.34 2.17 0.00	43.59 1.52 0.00	30.76 1.02 0.00	29.93 0.98 0.00	36.18 0.97 0.00	26.40 0.59 0.00
COOPERNY_115KV_TB1 80082	21.60 0.45 0.00	22.90 0.56 0.00	23.75 0.54 0.00	22.24 0.46 0.00	22.09 0.43 0.00	21.88 0.47 0.00	30.37 0.83 0.00	41.93 1.30 0.00	59.06 1.43 0.00	36.01 0.94 0.00	26.48 0.67 0.00	24.88 0.60 0.00	24.29 0.53 0.47	26.53 0.59 0.00	28.36 0.70 0.00	32.50 0.78 0.00	25.38 0.70 2.81	38.05 0.93 0.00	71.76 1.59 0.00	36.41 1.04 6.70	8.73 0.63 21.64	26.11 0.53 3.37	35.78 0.72 0.16	24.70 0.54 1.66
COPENHAGEN_WT_PWR 323753	21.56 0.41 0.00	22.76 0.41 0.00	23.69 0.47 0.00	22.20 0.42 0.00	22.06 0.41 0.00	21.84 0.43 0.00	30.57 1.03 0.00	42.04 1.41 0.00	59.76 2.14 0.00	36.32 1.25 0.00	26.75 0.95 0.00	26.01 0.75 -0.98	25.35 0.48 -0.64	26.90 0.31 -0.65	29.75 0.28 -1.80	33.82 0.50 -1.60	28.78 0.41 -0.88	40.31 0.69 -2.50	81.23 1.68 -9.38	48.33 0.99 -5.28	31.98 0.83 -1.41	31.10 1.01 -1.14	38.56 1.16 -2.19	27.06 0.77 -0.47
CORNELL_____ 23752	21.43 0.27 0.00	22.63 0.29 0.00	23.48 0.27 0.00	22.07 0.28 0.00	21.94 0.29 0.00	21.79 0.38 0.00	30.25 0.71 0.00	41.65 1.02 0.00	59.02 1.39 0.00	36.00 0.93 0.00	26.44 0.64 0.00	25.17 0.60 -0.29	25.09 0.66 -0.19	27.06 0.79 -0.32	28.95 0.82 -0.47	33.31 0.79 -0.80	28.57 0.63 -0.45	40.28 0.92 -2.24	95.37 2.40 -22.79	48.45 1.42 -4.96	31.35 0.95 -0.66	30.32 0.79 -0.59	37.24 0.90 -1.12	26.68 0.62 -0.24

CORONA__69_KV_TB1 355595	22.36 1.21 0.00	23.67 1.33 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.73 1.07 0.00	22.50 1.09 0.00	31.35 1.81 0.00	43.36 2.73 0.00	60.94 3.31 0.00	37.21 2.14 0.00	27.45 1.65 0.00	25.76 1.48 0.00	26.69 1.41 -1.05	27.47 1.53 0.00	29.40 1.73 0.00	33.72 2.01 0.00	35.31 1.73 -6.10	39.15 2.20 0.18	69.09 3.63 4.72	73.60 2.25 -29.28	117.03 1.46 -85.83	40.46 1.36 -10.15	37.52 1.81 -0.50	32.54 1.45 -5.28
CORTLAND__115KV_TB3 80093	21.31 0.16 0.00	22.53 0.18 0.00	23.37 0.16 0.00	21.97 0.19 0.00	21.83 0.18 0.00	21.66 0.25 0.00	30.03 0.49 0.00	41.37 0.74 0.00	58.52 0.89 0.00	35.67 0.60 0.00	26.23 0.42 0.00	25.01 0.38 -0.35	24.89 0.42 -0.23	26.84 0.50 -0.39	28.74 0.51 -0.57	33.20 0.51 -0.97	28.42 0.39 -0.54	39.30 0.51 -1.67	80.45 1.46 -8.82	45.27 0.87 -2.34	31.06 0.55 -0.78	30.07 0.43 -0.69	37.03 0.49 -1.33	26.43 0.33 -0.29
COXSACKIE__GT 23611	22.24 1.09 0.00	23.59 1.25 0.00	24.58 1.37 0.00	23.04 1.26 0.00	22.96 1.31 0.00	22.75 1.33 0.00	31.69 2.15 0.00	43.94 3.31 0.00	61.51 3.89 0.00	36.48 1.41 0.00	26.56 0.75 0.00	25.01 0.72 0.00	24.88 0.64 0.00	26.54 0.60 0.00	28.22 0.55 0.00	32.63 0.91 0.00	28.49 1.01 0.00	39.43 2.31 0.00	75.62 5.45 0.00	45.49 3.43 0.00	32.01 2.28 0.00	31.06 2.11 0.00	37.33 2.12 0.00	27.12 1.31 0.00
CPV_VALLEY__CC1 323721	21.65 0.50 0.00	22.97 0.63 0.00	23.79 0.58 0.00	22.26 0.49 0.00	22.11 0.45 0.00	21.90 0.49 0.00	30.45 0.92 0.00	42.10 1.47 0.00	59.21 1.59 0.00	36.10 1.03 0.00	26.55 0.75 0.00	24.94 0.66 0.00	24.14 0.58 0.67	26.59 0.64 0.00	28.43 0.77 0.00	32.60 0.88 0.00	24.28 0.79 3.99	38.16 1.04 0.00	71.89 1.72 0.00	33.66 1.14 9.54	-0.43 0.67 30.83	24.71 0.55 4.79	35.75 0.76 0.22	24.03 0.57 2.35
CPV_VALLEY__CC2 323722	21.65 0.50 0.00	22.97 0.63 0.00	23.79 0.58 0.00	22.26 0.49 0.00	22.11 0.45 0.00	21.90 0.49 0.00	30.45 0.92 0.00	42.10 1.47 0.00	59.21 1.59 0.00	36.10 1.03 0.00	26.55 0.75 0.00	24.94 0.66 0.00	24.14 0.58 0.67	26.59 0.64 0.00	28.43 0.77 0.00	32.60 0.88 0.00	24.28 0.79 3.99	38.16 1.04 0.00	71.89 1.72 0.00	33.66 1.14 9.54	-0.43 0.67 30.83	24.71 0.55 4.79	35.75 0.76 0.22	24.03 0.57 2.35
CRESCENT__HYD 24018	21.77 0.62 0.00	23.12 0.78 0.00	24.06 0.85 0.00	22.53 0.75 0.00	22.41 0.76 0.00	22.14 0.74 0.00	30.69 1.15 0.00	42.47 1.84 0.00	59.76 2.14 0.00	35.98 0.91 0.00	26.44 0.63 0.00	24.85 0.57 0.00	24.79 0.56 0.00	26.56 0.62 0.00	28.32 0.65 0.00	32.55 0.84 0.00	28.28 0.80 0.00	38.34 1.21 0.00	72.34 2.17 0.00	43.59 1.52 0.00	30.76 1.02 0.00	29.93 0.98 0.00	36.18 0.97 0.00	26.40 0.59 0.00
CRICKET__VALLEY_CC1 323756	21.80 0.65 0.00	23.15 0.81 0.00	24.01 0.80 0.00	22.47 0.69 0.00	22.29 0.64 0.00	22.05 0.65 0.00	30.70 1.16 0.00	42.53 1.90 0.00	59.86 2.23 0.00	36.38 1.31 0.00	26.68 0.87 0.00	25.02 0.74 0.00	25.42 0.67 -0.52	26.70 0.76 0.00	28.56 0.89 0.00	32.80 1.08 0.00	31.56 0.99 -3.09	38.46 1.34 0.00	72.33 2.15 0.00	50.52 1.42 -7.04	53.39 0.87 -22.78	33.54 0.80 -3.79	36.31 0.92 -0.17	28.29 0.61 -1.86
CRICKET__VALLEY_CC2 323757	21.80 0.65 0.00	23.15 0.81 0.00	24.01 0.80 0.00	22.47 0.69 0.00	22.29 0.64 0.00	22.05 0.65 0.00	30.70 1.16 0.00	42.53 1.90 0.00	59.86 2.23 0.00	36.38 1.31 0.00	26.68 0.87 0.00	25.02 0.74 0.00	25.42 0.67 -0.52	26.70 0.76 0.00	28.56 0.89 0.00	32.80 1.08 0.00	31.56 0.99 -3.09	38.46 1.34 0.00	72.33 2.15 0.00	50.52 1.42 -7.04	53.39 0.87 -22.78	33.54 0.80 -3.79	36.31 0.92 -0.17	28.29 0.61 -1.86
CRICKET__VALLEY_CC3 323758	21.80 0.65 0.00	23.15 0.81 0.00	24.01 0.80 0.00	22.47 0.69 0.00	22.29 0.64 0.00	22.05 0.65 0.00	30.70 1.16 0.00	42.53 1.90 0.00	59.86 2.23 0.00	36.38 1.31 0.00	26.68 0.87 0.00	25.02 0.74 0.00	25.42 0.67 -0.52	26.70 0.76 0.00	28.56 0.89 0.00	32.80 1.08 0.00	31.56 0.99 -3.09	38.46 1.34 0.00	72.33 2.15 0.00	50.52 1.42 -7.04	53.39 0.87 -22.78	33.54 0.80 -3.79	36.31 0.92 -0.17	28.29 0.61 -1.86
CRUCIBLE__METL_DRP 24180	21.00 -0.15 0.00	22.19 -0.15 0.00	22.98 -0.23 0.00	21.65 -0.13 0.00	21.52 -0.13 0.00	21.31 -0.10 0.00	29.49 -0.05 0.00	40.60 -0.03 0.00	57.45 -0.18 0.00	35.05 -0.03 0.00	25.79 -0.02 0.00	24.94 -0.01 -0.67	24.71 0.03 -0.44	26.77 0.06 -0.76	28.81 0.05 -1.10	33.56 -0.03 -1.88	28.46 -0.06 -1.04	39.99 -0.07 -2.94	79.79 0.19 -9.43	46.13 0.12 -3.95	31.25 0.00 -1.51	30.21 -0.08 -1.34	37.68 -0.10 -2.57	26.31 -0.05 -0.55
DAHOWA__HYDRO 323763	22.22 1.07 0.00	23.61 1.27 0.00	24.56 1.35 0.00	23.01 1.23 0.00	22.91 1.25 0.00	22.67 1.26 0.00	31.49 1.95 0.00	43.60 2.97 0.00	61.29 3.66 0.00	36.75 1.68 0.00	26.99 1.18 0.00	25.38 1.10 0.00	25.30 1.07 0.00	27.12 1.17 0.00	28.85 1.18 0.00	33.30 1.58 0.00	28.95 1.46 0.00	39.30 2.18 0.00	74.43 4.25 0.00	44.92 2.86 0.00	31.71 1.98 0.00	30.81 1.86 0.00	37.12 1.91 0.00	27.03 1.22 0.00
DANC__LFGE 323619	21.26 0.11 0.00	22.44 0.10 0.00	23.32 0.11 0.00	21.89 0.11 0.00	21.76 0.11 0.00	21.55 0.14 0.00	30.03 0.49 0.00	41.26 0.63 0.00	58.57 0.95 0.00	35.67 0.60 0.00	26.26 0.45 0.00	25.61 0.33 -0.99	25.06 0.17 -0.66	26.83 0.07 -0.81	29.46 0.04 -1.76	33.83 0.10 -2.00	28.65 0.06 -1.11	40.39 0.14 -3.13	81.81 0.67 -10.97	47.97 0.39 -5.52	31.77 0.33 -1.69	30.84 0.47 -1.42	38.47 0.52 -2.73	26.75 0.35 -0.59
DANSKAMMER__1 23586	22.11 0.96 0.00	23.45 1.11 0.00	24.30 1.08 0.00	22.74 0.96 0.00	22.57 0.91 0.00	22.37 0.96 0.00	31.16 1.62 0.00	43.12 2.49 0.00	60.65 3.02 0.00	36.95 1.88 0.00	27.15 1.34 0.00	25.49 1.20 0.00	25.35 1.12 0.00	27.17 1.22 0.00	29.08 1.41 0.00	33.38 1.66 0.00	28.98 1.49 0.00	39.14 2.02 0.00	73.68 3.51 0.00	44.27 2.21 0.00	31.13 1.39 0.00	30.21 1.26 0.00	36.79 1.58 0.00	26.95 1.13 0.00
DANSKAMMER__2 23589	22.11 0.96 0.00	23.45 1.11 0.00	24.30 1.08 0.00	22.74 0.96 0.00	22.57 0.91 0.00	22.37 0.96 0.00	31.16 1.62 0.00	43.12 2.49 0.00	60.65 3.02 0.00	36.95 1.88 0.00	27.15 1.34 0.00	25.49 1.20 0.00	25.35 1.12 0.00	27.17 1.22 0.00	29.08 1.41 0.00	33.38 1.66 0.00	28.98 1.49 0.00	39.14 2.02 0.00	73.68 3.51 0.00	44.27 2.21 0.00	31.13 1.39 0.00	30.21 1.26 0.00	36.79 1.58 0.00	26.95 1.13 0.00
DANSKAMMER__3 23590	22.11 0.96 0.00	23.45 1.11 0.00	24.30 1.08 0.00	22.74 0.96 0.00	22.57 0.91 0.00	22.37 0.96 0.00	31.16 1.62 0.00	43.12 2.49 0.00	60.65 3.02 0.00	36.95 1.88 0.00	27.15 1.34 0.00	25.49 1.20 0.00	25.35 1.12 0.00	27.17 1.22 0.00	29.08 1.41 0.00	33.38 1.66 0.00	28.98 1.49 0.00	39.14 2.02 0.00	73.68 3.51 0.00	44.27 2.21 0.00	31.13 1.39 0.00	30.21 1.26 0.00	36.79 1.58 0.00	26.95 1.13 0.00

DANSKAMMER___4 23591	22.11 0.96 0.00	23.45 1.11 0.00	24.30 1.08 0.00	22.74 0.96 0.00	22.57 0.91 0.00	22.37 0.96 0.00	31.16 1.62 0.00	43.12 2.49 0.00	60.65 3.02 0.00	36.95 1.88 0.00	27.15 1.34 0.00	25.49 1.20 0.00	25.35 1.12 0.00	27.17 1.22 0.00	29.08 1.41 0.00	33.38 1.66 0.00	28.98 1.49 0.00	39.14 2.02 0.00	73.68 3.51 0.00	44.27 2.21 0.00	31.13 1.39 0.00	30.21 1.26 0.00	36.79 1.58 0.00	26.95 1.13 0.00
DANSKAMMER___DIESEL 23592	22.12 0.97 0.00	23.45 1.11 0.00	24.30 1.08 0.00	22.74 0.96 0.00	22.57 0.91 0.00	22.37 0.96 0.00	31.16 1.62 0.00	43.12 2.49 0.00	60.65 3.03 0.00	36.95 1.88 0.00	27.15 1.34 0.00	25.49 1.20 0.00	25.35 1.12 0.00	27.16 1.22 0.00	29.08 1.41 0.00	33.38 1.66 0.00	28.98 1.50 0.00	39.14 2.02 0.00	73.68 3.51 0.00	44.28 2.21 0.00	31.13 1.39 0.00	30.21 1.26 0.00	36.79 1.58 0.00	26.95 1.13 0.00
DARBY___SOLAR 323810	22.12 0.97 0.00	23.49 1.15 0.00	24.44 1.23 0.00	22.90 1.12 0.00	22.79 1.14 0.00	22.54 1.13 0.00	31.31 1.77 0.00	43.33 2.70 0.00	60.89 3.26 0.00	36.53 1.46 0.00	26.85 1.05 0.00	25.23 0.94 0.00	25.16 0.92 0.00	26.97 1.03 0.00	28.68 1.02 0.00	33.11 1.39 0.00	28.79 1.31 0.00	39.06 1.94 0.00	73.96 3.79 0.00	44.62 2.56 0.00	31.50 1.76 0.00	30.61 1.66 0.00	36.92 1.70 0.00	26.90 1.09 0.00
DASHVILLE___HYD 23610	21.85 0.70 0.00	23.18 0.84 0.00	24.01 0.80 0.00	22.47 0.69 0.00	22.29 0.64 0.00	22.09 0.68 0.00	30.72 1.18 0.00	42.50 1.87 0.00	59.88 2.25 0.00	36.62 1.55 0.00	26.89 1.08 0.00	25.24 0.96 0.00	25.10 0.86 0.00	26.91 0.97 0.00	28.83 1.16 0.00	33.05 1.33 0.00	28.65 1.17 0.00	38.63 1.51 0.00	72.57 2.39 0.00	43.62 1.55 0.00	30.66 0.92 0.00	29.76 0.81 0.00	36.31 1.10 0.00	26.62 0.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.92 1.77 0.00	24.22 1.88 0.00	25.03 1.82 0.00	23.45 1.67 0.00	23.26 1.61 0.00	23.02 1.61 0.00	32.10 2.56 0.00	44.25 3.62 0.00	62.45 4.82 0.00	37.94 2.87 0.00	27.93 2.13 0.00	26.16 1.87 0.00	27.11 1.83 -1.05	27.88 1.93 0.00	29.82 2.16 0.00	34.29 2.57 0.00	34.71 2.28 -4.95	38.90 3.10 1.32	41.73 5.49 33.93	73.01 3.38 -27.56	59.19 2.15 -27.31	37.26 2.01 -6.29	38.29 2.58 -0.50	33.21 2.12 -5.28
DELAWARE___LFGE 323621	21.63 0.48 0.00	22.91 0.57 0.00	23.84 0.63 0.00	22.36 0.58 0.00	22.21 0.56 0.00	21.97 0.56 0.00	30.38 0.84 0.00	41.87 1.24 0.00	59.13 1.50 0.00	36.07 1.00 0.00	26.55 0.74 0.00	25.07 0.66 -0.12	24.98 0.67 -0.08	26.80 0.72 -0.14	28.66 0.79 -0.20	32.95 0.89 -0.34	28.44 0.77 -0.19	39.13 0.97 -1.03	83.61 1.81 -11.63	45.66 1.14 -2.46	30.77 0.76 -0.27	29.87 0.68 -0.24	36.52 0.85 -0.45	26.54 0.63 -0.10
DERFIELD_115KV_TB7 355931	21.17 0.02 0.00	22.40 0.06 0.00	23.28 0.07 0.00	21.85 0.07 0.00	21.71 0.06 0.00	21.46 0.05 0.00	29.66 0.12 0.00	40.86 0.23 0.00	57.80 0.18 0.00	35.14 0.07 0.00	25.85 0.05 0.00	24.31 0.02 0.00	24.26 0.02 0.00	25.97 0.02 0.00	27.69 0.03 0.00	31.77 0.05 0.00	27.52 0.04 0.00	37.20 0.07 0.00	70.32 0.15 0.00	42.19 0.13 0.00	29.80 0.06 0.00	29.01 0.06 0.00	35.25 0.04 0.00	25.82 0.01 0.00
DOGLEVILLE___HYD 23807	21.07 -0.08 0.00	22.49 0.15 0.00	23.42 0.21 0.00	21.94 0.16 0.00	21.81 0.15 0.00	21.55 0.14 0.00	30.01 0.47 0.00	41.59 0.96 0.00	57.78 0.15 0.00	34.50 -0.57 0.00	25.34 -0.47 0.00	23.73 -0.55 0.00	23.67 -0.57 0.00	25.13 -0.82 0.00	26.85 -0.82 0.00	31.05 -0.67 0.00	27.24 -0.25 0.00	37.41 0.29 0.00	71.11 0.94 0.00	42.80 0.74 0.00	30.12 0.38 0.00	29.25 0.30 0.00	35.21 0.00 0.00	25.59 -0.22 0.00
DUNKIRK___115KV_TB_200 55889	20.99 -0.16 0.00	22.09 -0.25 0.00	22.76 -0.45 0.00	21.46 -0.32 0.00	21.35 -0.30 0.00	21.36 -0.05 0.00	29.76 0.22 0.00	40.71 0.08 0.00	57.57 -0.06 0.00	35.46 0.39 0.00	26.20 0.40 0.00	24.94 0.66 0.00	25.18 0.94 0.00	27.10 1.16 0.00	28.78 1.12 0.00	32.52 0.80 0.00	27.74 0.26 0.00	51.59 0.06 -14.41	335.09 2.15 -262.76	95.10 1.07 -51.96	30.32 0.59 0.00	29.27 0.32 0.00	35.82 0.61 0.00	26.52 0.71 0.00
DUNKIRK___1 23563	20.99 -0.16 0.00	22.09 -0.25 0.00	22.76 -0.45 0.00	21.46 -0.32 0.00	21.35 -0.30 0.00	21.36 -0.05 0.00	29.76 0.22 0.00	40.71 0.08 0.00	57.57 -0.06 0.00	35.46 0.39 0.00	26.20 0.40 0.00	24.94 0.66 0.00	25.18 0.94 0.00	27.10 1.16 0.00	28.78 1.12 0.00	32.52 0.80 0.00	27.74 0.26 0.00	51.59 0.06 -14.41	335.09 2.15 -262.76	95.10 1.07 -51.96	30.32 0.59 0.00	29.27 0.32 0.00	35.82 0.61 0.00	26.52 0.71 0.00
DUNKIRK___2 23564	20.99 -0.16 0.00	22.09 -0.25 0.00	22.76 -0.45 0.00	21.46 -0.32 0.00	21.35 -0.30 0.00	21.36 -0.05 0.00	29.76 0.22 0.00	40.71 0.08 0.00	57.57 -0.06 0.00	35.46 0.39 0.00	26.20 0.40 0.00	24.94 0.66 0.00	25.18 0.94 0.00	27.10 1.16 0.00	28.78 1.12 0.00	32.52 0.80 0.00	27.74 0.26 0.00	51.59 0.06 -14.41	335.09 2.15 -262.76	95.10 1.07 -51.96	30.32 0.59 0.00	29.27 0.32 0.00	35.82 0.61 0.00	26.52 0.71 0.00
DUNKIRK___3 23565	20.95 -0.20 0.00	22.03 -0.31 0.00	22.72 -0.49 0.00	21.43 -0.35 0.00	21.32 -0.34 0.00	21.31 -0.10 0.00	29.67 0.13 0.00	40.55 -0.08 0.00	57.37 -0.25 0.00	35.36 0.29 0.00	26.15 0.34 0.00	24.88 0.59 0.00	25.09 0.85 0.00	26.99 1.04 0.00	28.65 0.99 0.00	32.40 0.68 0.00	27.62 0.14 0.00	52.88 -0.13 -15.89	359.70 1.69 -287.84	100.59 0.79 -57.73	30.13 0.40 0.00	29.13 0.17 0.00	35.67 0.46 0.00	26.43 0.62 0.00
DUNKIRK___4 23566	20.95 -0.20 0.00	22.03 -0.31 0.00	22.72 -0.49 0.00	21.43 -0.35 0.00	21.32 -0.34 0.00	21.31 -0.10 0.00	29.67 0.13 0.00	40.55 -0.08 0.00	57.37 -0.25 0.00	35.36 0.29 0.00	26.15 0.34 0.00	24.88 0.59 0.00	25.09 0.85 0.00	26.99 1.04 0.00	28.65 0.99 0.00	32.40 0.68 0.00	27.62 0.14 0.00	52.88 -0.13 -15.89	359.70 1.69 -287.84	100.59 0.79 -57.73	30.13 0.40 0.00	29.13 0.17 0.00	35.67 0.46 0.00	26.43 0.62 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.15 1.00 0.00	23.48 1.14 0.00	24.30 1.09 0.00	22.75 0.97 0.00	22.59 0.93 0.00	22.39 0.97 0.00	31.15 1.61 0.00	43.09 2.46 0.00	60.62 2.99 0.00	37.05 1.98 0.00	27.29 1.49 0.00	25.64 1.35 0.00	26.52 1.24 -1.04	27.31 1.36 0.00	29.22 1.55 0.00	33.51 1.79 0.00	35.25 1.56 -6.21	39.13 2.01 0.00	73.49 3.33 0.00	73.41 2.10 -29.24	124.69 1.27 -93.67	40.84 1.17 -10.72	37.28 1.57 -0.50	32.25 1.17 -5.27
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.93 0.78 0.00	23.26 0.92 0.00	24.09 0.88 0.00	22.54 0.76 0.00	22.37 0.72 0.00	22.19 0.77 0.00	30.88 1.35 0.00	42.74 2.11 0.00	60.08 2.46 0.00	36.63 1.56 0.00	26.91 1.11 0.00	25.27 0.99 0.00	24.82 0.89 0.30	26.93 0.98 0.00	28.82 1.16 0.00	33.06 1.34 0.00	26.87 1.20 1.81	38.75 1.63 0.00	72.98 2.81 0.00	39.85 1.81 4.02	17.81 1.10 13.02	27.73 0.97 2.19	36.39 1.27 0.10	25.66 0.92 1.08

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.34 1.19 0.00	23.68 1.34 0.00	24.49 1.27 0.00	22.85 1.07 0.00	22.64 0.99 0.00	22.48 1.06 0.00	31.18 1.64 0.00	43.24 2.61 0.00	60.92 3.29 0.00	37.26 2.19 0.00	27.50 1.70 0.00	25.93 1.56 -0.09	26.78 1.42 -1.12	27.50 1.56 0.01	29.44 1.77 0.00	33.74 2.03 0.01	35.44 1.74 -6.22	39.36 2.24 0.00	73.87 3.70 0.00	73.98 2.42 -29.49	124.94 1.45 -93.75	41.05 1.38 -10.72	37.50 1.79 -0.50	32.40 1.32 -5.27
E179THST_13_KV_LOAD 356214	22.42 1.27 0.00	23.76 1.42 0.00	24.57 1.36 0.00	22.92 1.14 0.00	22.72 1.06 0.00	22.56 1.14 0.00	31.31 1.77 0.00	43.43 2.80 0.00	61.18 3.55 0.00	37.43 2.36 0.00	27.63 1.82 0.00	26.04 1.67 -0.09	26.90 1.55 -1.12	27.63 1.69 0.01	29.57 1.91 0.00	33.90 2.19 0.01	35.57 1.87 -6.22	39.55 2.43 0.00	74.22 4.05 0.00	74.19 2.63 -29.49	125.09 1.60 -93.75	41.19 1.52 -10.72	37.67 1.96 -0.50	32.51 1.43 -5.27
EAST HAMPTON___GT 23717	23.13 1.98 0.00	24.43 2.09 0.00	25.25 2.04 0.00	23.66 1.88 0.00	23.48 1.83 0.00	23.24 1.83 0.00	32.43 2.90 0.00	44.73 4.10 0.00	63.12 5.49 0.00	38.32 3.25 0.00	28.21 2.41 0.00	26.40 2.12 0.00	27.36 2.08 -1.05	28.14 2.20 0.00	30.12 2.45 0.00	34.64 2.92 0.00	35.04 2.61 -4.95	39.39 3.59 1.32	42.73 6.49 33.93	73.59 3.97 -27.56	59.59 2.55 -27.31	37.62 2.37 -6.29	38.69 2.98 -0.50	33.49 2.40 -5.28
EAST RIVER___6 23660	22.36 1.21 0.00	23.69 1.35 0.00	24.50 1.29 0.00	22.91 1.13 0.00	22.74 1.08 0.00	22.54 1.13 0.00	31.41 1.88 0.00	43.44 2.81 0.00	61.13 3.50 0.00	37.44 2.37 0.00	27.63 1.82 0.00	26.07 1.69 -0.09	26.94 1.57 -1.13	27.66 1.72 0.00	29.60 1.93 -0.01	33.94 2.22 0.00	35.63 1.92 -6.22	39.58 2.46 0.00	74.24 4.07 0.00	74.12 2.55 -29.51	125.08 1.55 -93.79	41.11 1.44 -10.72	37.62 1.91 -0.50	32.48 1.40 -5.27
EAST RIVER___7 23524	22.36 1.21 0.00	23.69 1.35 0.00	24.50 1.29 0.00	22.91 1.13 0.00	22.74 1.08 0.00	22.54 1.13 0.00	31.41 1.88 0.00	43.44 2.81 0.00	61.13 3.50 0.00	37.44 2.37 0.00	27.63 1.82 0.00	26.07 1.69 -0.09	26.94 1.57 -1.13	27.66 1.72 0.00	29.60 1.93 -0.01	33.94 2.22 0.00	35.63 1.92 -6.22	39.58 2.46 0.00	74.24 4.07 0.00	74.12 2.55 -29.51	125.08 1.55 -93.79	41.11 1.44 -10.72	37.62 1.91 -0.50	32.48 1.40 -5.27
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.11 0.96 0.00	23.44 1.10 0.00	24.27 1.05 0.00	22.69 0.91 0.00	22.52 0.87 0.00	22.33 0.92 0.00	31.08 1.55 0.00	43.01 2.38 0.00	60.50 2.87 0.00	36.96 1.89 0.00	27.21 1.41 0.00	25.55 1.27 0.00	26.54 1.17 -1.14	27.23 1.28 0.00	29.13 1.47 0.00	33.41 1.69 0.00	35.76 1.48 -6.79	39.04 1.92 0.00	73.35 3.17 0.00	76.52 2.01 -32.45	134.72 1.22 -103.77	41.03 1.12 -10.96	37.20 1.48 -0.51	32.30 1.10 -5.39
EAST_HAMPTON___DIESEL 23722	23.13 1.98 0.00	24.43 2.09 0.00	25.25 2.04 0.00	23.67 1.89 0.00	23.49 1.83 0.00	23.25 1.84 0.00	32.44 2.90 0.00	44.74 4.11 0.00	63.14 5.51 0.00	38.32 3.25 0.00	28.22 2.41 0.00	26.41 2.13 0.00	27.36 2.08 -1.05	28.15 2.20 0.00	30.12 2.46 0.00	34.65 2.93 0.00	35.04 2.62 -4.95	39.40 3.60 1.32	42.75 6.51 33.93	73.59 3.97 -27.56	59.60 2.55 -27.31	37.63 2.38 -6.29	38.70 2.99 -0.50	33.49 2.41 -5.28
EAST_POINT___SOLAR 323840	22.53 1.38 0.00	23.80 1.46 0.00	24.70 1.49 0.00	23.18 1.40 0.00	23.07 1.42 0.00	22.90 1.49 0.00	31.78 2.25 0.00	43.57 2.94 0.00	60.21 2.58 0.00	36.36 1.29 0.00	26.98 1.17 0.00	25.25 0.96 0.00	25.32 1.09 0.00	27.00 1.06 0.00	28.82 1.15 0.00	33.38 1.66 0.00	29.06 1.58 0.00	39.75 2.63 0.00	75.83 5.65 0.00	45.52 3.45 0.00	32.08 2.34 0.00	31.17 2.22 0.00	37.84 2.63 0.00	27.70 1.89 0.00
EAST_PULASKI___ESR 323781	20.98 -0.17 0.00	22.15 -0.19 0.00	22.98 -0.23 0.00	21.61 -0.17 0.00	21.48 -0.18 0.00	21.28 -0.13 0.00	29.52 -0.02 0.00	40.56 -0.08 0.00	57.49 -0.14 0.00	35.07 0.01 0.00	25.82 0.01 0.00	25.27 -0.04 -1.03	24.82 -0.08 -0.67	26.98 -0.12 -1.16	29.17 -0.16 -1.67	34.32 -0.26 -2.86	28.77 -0.30 -1.58	41.20 -0.38 -4.46	84.14 -0.35 -14.32	47.85 -0.20 -5.99	31.87 -0.16 -2.29	30.90 -0.08 -2.03	39.02 -0.09 -3.90	26.60 -0.05 -0.84
EAST_RIVER___1 323558	22.30 1.15 0.00	23.63 1.29 0.00	24.44 1.23 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.48 1.07 0.00	31.30 1.76 0.00	43.30 2.67 0.00	60.91 3.28 0.00	37.30 2.23 0.00	27.52 1.72 0.00	25.95 1.58 -0.09	26.82 1.46 -1.13	27.54 1.59 0.00	29.48 1.81 -0.01	33.79 2.07 0.00	35.49 1.79 -6.22	39.41 2.29 0.00	73.94 3.76 0.00	73.93 2.36 -29.51	124.96 1.43 -93.79	41.01 1.33 -10.72	37.50 1.79 -0.50	32.40 1.32 -5.27
EAST_RIVER___2 323559	22.36 1.21 0.00	23.69 1.35 0.00	24.50 1.29 0.00	22.91 1.13 0.00	22.74 1.08 0.00	22.54 1.13 0.00	31.41 1.88 0.00	43.44 2.81 0.00	61.13 3.50 0.00	37.44 2.37 0.00	27.63 1.82 0.00	26.07 1.69 -0.09	26.94 1.57 -1.13	27.66 1.72 0.00	29.60 1.93 -0.01	33.94 2.22 0.00	35.63 1.92 -6.22	39.58 2.46 0.00	74.24 4.07 0.00	74.12 2.55 -29.51	125.08 1.55 -93.79	41.11 1.44 -10.72	37.62 1.91 -0.50	32.48 1.40 -5.27
EAST___DELAWARE_HYD 23607	22.10 0.95 0.00	23.42 1.08 0.00	24.25 1.04 0.00	22.71 0.93 0.00	22.55 0.90 0.00	22.37 0.96 0.00	31.16 1.62 0.00	43.10 2.47 0.00	60.61 2.99 0.00	36.88 1.81 0.00	27.05 1.24 0.00	25.37 1.09 0.00	25.01 1.01 0.23	27.05 1.11 0.00	28.99 1.33 0.00	33.22 1.50 0.00	27.46 1.36 1.38	39.03 1.91 0.00	73.79 3.62 0.00	44.34 2.28 0.00	30.86 1.46 0.33	28.57 1.29 1.68	36.79 1.65 0.08	26.18 1.19 0.82
EIGHT_POINT___WT_PWR 323820	20.59 -0.55 0.00	21.63 -0.71 0.00	22.31 -0.90 0.00	20.98 -0.80 0.00	20.81 -0.84 0.00	20.85 -0.56 0.00	28.96 -0.58 0.00	38.87 -1.76 0.00	55.31 -2.32 0.00	34.11 -0.96 0.00	25.29 -0.51 0.00	24.14 -0.14 0.00	24.40 0.17 0.00	26.34 0.39 0.00	27.97 0.30 0.00	31.62 -0.10 0.00	27.04 -0.57 -0.12	40.54 -0.50 -3.92	139.84 1.00 -68.66	54.55 0.25 -12.24	30.17 0.16 -0.27	29.13 -0.07 -0.24	35.64 -0.04 -0.46	25.80 -0.11 -0.10
ELBRIDGE_115KV_TB2 80188	20.92 -0.23 0.00	22.10 -0.24 0.00	22.87 -0.34 0.00	21.56 -0.22 0.00	21.44 -0.22 0.00	21.20 -0.21 0.00	29.33 -0.21 0.00	40.36 -0.27 0.00	57.13 -0.50 0.00	34.85 -0.22 0.00	25.64 -0.16 0.00	24.86 -0.15 -0.73	24.61 -0.10 -0.47	26.68 -0.08 -0.82	28.74 -0.11 -1.18	33.55 -0.20 -2.02	28.38 -0.22 -1.12	40.00 -0.29 -3.16	80.11 -0.22 -10.16	46.19 -0.13 -4.25	31.20 -0.16 -1.63	30.16 -0.24 -1.44	37.69 -0.29 -2.77	26.25 -0.16 -0.60
ELEC_TRO_TEK 24086	22.28 1.12 0.00	23.58 1.24 0.00	24.39 1.18 0.00	22.81 1.03 0.00	22.64 0.99 0.00	22.41 1.00 0.00	31.21 1.67 0.00	43.18 2.55 0.00	60.72 3.09 0.00	37.07 2.00 0.00	27.35 1.54 0.00	25.66 1.38 0.00	26.59 1.31 -1.05	27.37 1.42 0.00	29.27 1.61 0.00	33.58 1.86 0.00	35.02 1.58 -5.96	38.80 2.00 0.32	64.95 3.24 8.46	73.13 2.02 -29.05	109.83 1.28 -78.81	39.83 1.18 -9.69	37.32 1.61 -0.50	32.42 1.33 -5.28

ELLENBURG_WT_PWR 323604	20.75 -0.40 0.00	21.91 -0.43 0.00	22.95 -0.26 0.00	21.28 -0.50 0.00	21.24 -0.41 0.00	20.96 -0.45 0.00	28.55 -0.99 0.00	38.19 -2.44 0.00	54.53 -3.09 0.00	33.38 -1.69 0.00	24.57 -1.23 0.00	11.89 -1.16 11.24	15.53 -1.22 7.48	24.63 -1.32 0.00	2.01 -1.57 24.08	30.30 -1.42 0.00	26.70 -0.79 0.00	35.56 -1.56 0.00	27.92 -4.33 37.92	-14.36 -2.75 53.67	24.73 -1.43 3.57	28.23 -0.72 0.00	34.66 -0.55 0.00	25.32 -0.49 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.94 -0.21 0.00	21.90 -0.44 0.00	22.65 -0.57 0.00	21.34 -0.43 0.00	21.25 -0.40 0.00	21.22 -0.19 0.00	29.44 -0.10 0.00	40.17 -0.46 0.00	57.03 -0.59 0.00	35.18 0.11 0.00	26.09 0.29 0.00	24.72 0.43 0.00	24.90 0.67 0.00	26.71 0.77 0.00	28.36 0.70 0.00	32.09 0.37 0.00	27.38 -0.11 0.00	17.63 -0.44 19.05	-298.34 0.99 369.50	-22.80 0.28 65.15	29.69 -0.05 0.00	28.78 -0.17 0.00	35.30 0.08 0.00	26.27 0.46 0.00
EMPIRE_CC_1 323656	21.64 0.49 0.00	22.99 0.65 0.00	23.93 0.72 0.00	22.39 0.61 0.00	22.27 0.62 0.00	22.00 0.59 0.00	30.49 0.96 0.00	42.22 1.59 0.00	59.40 1.77 0.00	35.81 0.74 0.00	26.29 0.48 0.00	24.71 0.42 0.00	24.64 0.41 0.00	26.40 0.45 0.00	28.17 0.50 0.00	32.38 0.66 0.00	28.13 0.65 0.00	38.10 0.98 0.00	71.71 1.54 0.00	43.21 1.15 0.00	30.49 0.76 0.00	29.66 0.71 0.00	35.87 0.66 0.00	26.20 0.39 0.00
EMPIRE_CC_2 323658	21.64 0.49 0.00	22.99 0.65 0.00	23.93 0.72 0.00	22.39 0.61 0.00	22.27 0.62 0.00	22.00 0.59 0.00	30.49 0.96 0.00	42.22 1.59 0.00	59.40 1.77 0.00	35.81 0.74 0.00	26.29 0.48 0.00	24.71 0.42 0.00	24.64 0.41 0.00	26.40 0.45 0.00	28.17 0.50 0.00	32.38 0.66 0.00	28.13 0.65 0.00	38.10 0.98 0.00	71.71 1.54 0.00	43.21 1.15 0.00	30.49 0.76 0.00	29.66 0.71 0.00	35.87 0.66 0.00	26.20 0.39 0.00
ENORWICH_115KV_TB1 80156	22.31 1.15 0.00	23.44 1.10 0.00	24.50 1.29 0.00	22.94 1.16 0.00	22.82 1.17 0.00	22.77 1.35 0.00	31.49 1.95 0.00	43.52 2.89 0.00	61.54 3.91 0.00	37.39 2.31 0.00	27.41 1.61 0.00	25.98 1.46 -0.24	25.87 1.48 -0.16	27.92 1.71 -0.27	29.97 1.92 -0.38	34.39 2.01 -0.66	29.52 1.68 -0.36	41.61 2.64 -1.85	95.55 6.00 -19.38	49.56 3.30 -4.20	32.67 2.40 -0.53	31.56 2.14 -0.47	38.53 2.42 -0.90	27.70 1.70 -0.19
ERIE_ST__34_KV_TB1-2 80199	21.25 0.10 0.00	22.23 -0.11 0.00	22.97 -0.24 0.00	21.66 -0.12 0.00	21.56 -0.09 0.00	21.54 0.13 0.00	29.89 0.35 0.00	40.86 0.23 0.00	57.99 0.36 0.00	35.77 0.70 0.00	26.50 0.70 0.00	25.13 0.84 0.00	25.30 1.07 0.00	27.14 1.20 0.00	28.79 1.12 0.00	32.61 0.89 0.00	27.80 0.32 0.00	45.42 0.05 -8.25	229.32 1.81 -157.34	70.93 0.87 -27.99	30.24 0.50 0.00	29.29 0.34 0.00	35.91 0.70 0.00	26.64 0.83 0.00
ERIE_WT_PWR 323693	21.05 -0.10 0.00	22.01 -0.33 0.00	22.77 -0.44 0.00	21.46 -0.32 0.00	21.35 -0.31 0.00	21.33 -0.08 0.00	29.60 0.06 0.00	40.44 -0.19 0.00	57.38 -0.25 0.00	35.37 0.30 0.00	26.22 0.42 0.00	24.86 0.57 0.00	25.04 0.81 0.00	26.86 0.92 0.00	28.51 0.84 0.00	32.27 0.55 0.00	27.52 0.04 0.00	47.08 -0.27 -10.23	266.90 1.25 -195.48	77.24 0.52 -34.65	29.92 0.18 0.00	29.00 0.05 0.00	35.53 0.32 0.00	26.41 0.60 0.00
ESPRGFLD_115KV_TB1 80157	22.10 0.95 0.00	23.33 0.99 0.00	24.22 1.00 0.00	22.76 0.98 0.00	22.62 0.96 0.00	22.43 1.02 0.00	31.00 1.46 0.00	42.50 1.87 0.00	60.16 2.53 0.00	36.88 1.81 0.00	27.24 1.44 0.00	25.59 1.31 0.00	25.62 1.39 0.00	27.35 1.40 0.00	29.15 1.48 0.00	33.39 1.67 0.00	28.84 1.36 0.00	38.95 1.83 0.00	73.98 3.81 0.00	44.33 2.27 0.00	31.26 1.52 0.00	30.39 1.43 0.00	37.07 1.85 0.00	27.23 1.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.42 0.27 0.00	22.62 0.28 0.00	23.48 0.26 0.00	22.06 0.28 0.00	21.94 0.28 0.00	21.78 0.37 0.00	30.22 0.68 0.00	41.62 0.99 0.00	58.94 1.31 0.00	35.94 0.87 0.00	26.40 0.59 0.00	25.13 0.55 -0.30	25.04 0.61 -0.20	27.01 0.72 -0.34	28.90 0.75 -0.49	33.28 0.73 -0.83	28.53 0.58 -0.47	40.17 0.85 -2.20	93.90 2.23 -21.50	48.17 1.33 -4.78	31.30 0.88 -0.68	30.28 0.72 -0.60	37.20 0.83 -1.16	26.63 0.57 -0.25
ETNA____115KV_TB2 80207	21.42 0.27 0.00	22.62 0.28 0.00	23.48 0.26 0.00	22.06 0.28 0.00	21.94 0.28 0.00	21.78 0.37 0.00	30.22 0.68 0.00	41.62 0.99 0.00	58.94 1.31 0.00	35.94 0.87 0.00	26.40 0.59 0.00	25.13 0.55 -0.30	25.04 0.61 -0.20	27.01 0.72 -0.34	28.90 0.75 -0.49	33.28 0.73 -0.83	28.53 0.58 -0.47	40.17 0.85 -2.20	93.90 2.23 -21.50	48.17 1.33 -4.78	31.30 0.88 -0.68	30.28 0.72 -0.60	37.20 0.83 -1.16	26.63 0.57 -0.25
EUCLID____115KV_TB2 356179	20.83 -0.33 0.00	21.98 -0.36 0.00	22.80 -0.42 0.00	21.45 -0.33 0.00	21.32 -0.33 0.00	21.12 -0.29 0.00	29.21 -0.33 0.00	40.20 -0.43 0.00	56.91 -0.71 0.00	34.73 -0.34 0.00	25.57 -0.23 0.00	24.36 -0.23 -0.30	24.26 -0.17 -0.20	26.11 -0.18 -0.34	27.96 -0.20 -0.49	32.27 -0.30 -0.85	27.64 -0.31 -0.47	38.03 -0.42 -1.33	73.94 -0.49 -4.26	43.55 -0.30 -1.78	30.13 -0.29 -0.68	29.22 -0.34 -0.60	35.95 -0.42 -1.16	25.77 -0.28 -0.25
E_CANADA_CAP_HY 24051	22.35 1.20 0.00	23.60 1.26 0.00	24.49 1.27 0.00	22.99 1.21 0.00	22.87 1.21 0.00	22.68 1.27 0.00	31.35 1.81 0.00	42.91 2.28 0.00	60.41 2.78 0.00	36.81 1.75 0.00	27.27 1.46 0.00	25.57 1.28 0.00	25.60 1.37 0.00	27.24 1.29 0.00	29.00 1.33 0.00	33.33 1.61 0.00	28.91 1.43 0.00	39.25 2.13 0.00	74.64 4.47 0.00	44.76 2.70 0.00	31.55 1.82 0.00	30.73 1.77 0.00	37.45 2.24 0.00	27.51 1.70 0.00
E_CANADA_MHWK_HY 24050	21.07 -0.08 0.00	22.49 0.15 0.00	23.42 0.21 0.00	21.94 0.16 0.00	21.81 0.15 0.00	21.55 0.14 0.00	30.01 0.47 0.00	41.59 0.96 0.00	57.78 0.15 0.00	34.50 -0.57 0.00	25.34 -0.47 0.00	23.73 -0.55 0.00	23.67 -0.57 0.00	25.13 -0.82 0.00	26.85 -0.82 0.00	31.05 -0.67 0.00	27.24 -0.25 0.00	37.41 0.29 0.00	71.11 0.94 0.00	42.80 0.74 0.00	30.12 0.38 0.00	29.25 0.30 0.00	35.21 0.00 0.00	25.59 -0.22 0.00
E_FISHKILL____LBMP 23776	21.95 0.80 0.00	23.29 0.95 0.00	24.13 0.92 0.00	22.58 0.80 0.00	22.41 0.76 0.00	22.20 0.78 0.00	30.87 1.33 0.00	42.72 2.08 0.00	60.11 2.48 0.00	36.66 1.59 0.00	26.95 1.15 0.00	25.31 1.03 0.00	25.59 0.94 -0.42	26.98 1.03 0.00	28.86 1.20 0.00	33.12 1.40 0.00	31.23 1.23 -2.52	38.74 1.62 0.00	72.82 2.65 0.00	51.79 1.71 -8.01	56.34 1.04 -25.57	32.34 0.95 -2.44	36.55 1.23 -0.11	27.89 0.89 -1.20
FALCON____SEABRD_CC1 323796	20.93 -0.22 0.00	22.07 -0.27 0.00	23.10 -0.11 0.00	21.42 -0.36 0.00	21.38 -0.28 0.00	21.09 -0.32 0.00	28.76 -0.77 0.00	38.51 -2.12 0.00	55.16 -2.47 0.00	33.74 -1.33 0.00	24.83 -0.97 0.00	12.14 -0.91 11.24	15.79 -0.96 7.48	24.94 -1.01 0.00	2.35 -1.22 24.09	30.63 -1.09 0.00	26.92 -0.57 0.00	35.93 -1.19 0.00	28.69 -3.56 37.92	-13.81 -2.20 53.68	25.04 -1.12 3.58	28.44 -0.51 0.00	34.80 -0.41 0.00	25.49 -0.33 0.00

FALCON___SEABRD_CC2 323797	20.93 -0.22 0.00	22.07 -0.27 0.00	23.10 -0.11 0.00	21.42 -0.36 0.00	21.38 -0.28 0.00	21.09 -0.32 0.00	28.76 -0.77 0.00	38.51 -2.12 0.00	55.16 -2.47 0.00	33.74 -1.33 0.00	24.83 -0.97 0.00	12.14 -0.91 11.24	15.79 -0.96 7.48	24.94 -1.01 0.00	2.35 -1.22 24.09	30.63 -1.09 0.00	26.92 -0.57 0.00	35.93 -1.19 0.00	28.69 -3.56 37.92	-13.81 -2.20 53.68	25.04 -1.12 3.58	28.44 -0.51 0.00	34.80 -0.41 0.00	25.49 -0.33 0.00
FAR ROCKAWAY___4 23548	22.51 1.36 0.00	23.81 1.47 0.00	24.62 1.41 0.00	23.02 1.24 0.00	22.87 1.22 0.00	22.64 1.23 0.00	31.56 2.02 0.00	43.66 3.03 0.00	61.34 3.72 0.00	37.46 2.39 0.00	27.63 1.83 0.00	25.94 1.65 0.00	26.87 1.59 -1.05	27.67 1.72 0.00	29.60 1.93 0.00	33.97 2.25 0.00	35.53 1.95 -6.11	39.47 2.51 0.17	70.00 4.26 4.43	73.98 2.61 -29.30	117.82 1.71 -86.37	40.73 1.59 -10.19	37.78 2.08 -0.50	32.72 1.63 -5.28
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.30 1.15 0.00	23.63 1.29 0.00	24.44 1.23 0.00	28.22 1.07 -5.36	22.68 1.02 0.00	22.49 1.08 0.00	31.31 1.77 0.00	43.30 2.67 0.00	60.91 3.28 0.00	37.30 2.23 0.00	27.52 1.72 0.00	25.95 1.57 -0.09	26.82 1.45 -1.13	27.53 1.59 0.00	29.47 1.80 -0.01	33.78 2.06 0.00	35.49 1.79 -6.22	39.40 2.28 0.00	73.93 3.76 0.00	73.94 2.37 -29.50	124.95 1.43 -93.78	41.01 1.33 -10.72	37.51 1.80 -0.50	32.40 1.32 -5.27
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.31 1.16 0.00	23.65 1.31 0.00	24.46 1.24 0.00	22.87 1.09 0.00	22.68 1.03 0.00	22.49 1.09 0.00	31.31 1.78 0.00	43.31 2.68 0.00	60.91 3.28 0.00	37.30 2.23 0.00	27.52 1.72 0.00	25.95 1.57 -0.09	26.82 1.45 -1.13	27.53 1.58 0.00	29.47 1.80 -0.01	33.78 2.06 0.00	35.49 1.78 -6.22	39.40 2.28 0.00	73.93 3.76 0.00	73.94 2.37 -29.50	124.96 1.44 -93.78	41.01 1.33 -10.72	37.51 1.80 -0.50	32.41 1.33 -5.27
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.29 1.15 0.00	23.63 1.28 0.00	24.44 1.22 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.48 1.07 0.00	31.30 1.76 0.00	43.28 2.65 0.00	60.89 3.26 0.00	37.29 2.22 0.00	27.50 1.70 0.00	25.94 1.57 -0.09	26.80 1.44 -1.13	27.52 1.57 0.00	29.46 1.79 -0.01	33.77 2.05 0.00	35.47 1.77 -6.22	39.39 2.27 0.00	73.89 3.72 0.00	73.91 2.34 -29.50	124.94 1.42 -93.78	40.98 1.31 -10.72	37.49 1.78 -0.50	32.40 1.31 -5.27
FARRAGUT___LBMP 323566	22.28 1.13 0.00	23.62 1.28 0.00	24.42 1.21 0.00	22.84 1.06 0.00	22.65 1.00 0.00	22.47 1.06 0.00	31.27 1.73 0.00	43.25 2.62 0.00	60.83 3.20 0.00	37.25 2.18 0.00	27.48 1.67 0.00	25.92 1.54 -0.09	26.78 1.42 -1.13	27.49 1.55 0.00	29.43 1.76 -0.01	33.74 2.01 0.00	35.44 1.74 -6.22	39.36 2.23 0.00	73.82 3.65 0.00	73.88 2.31 -29.50	124.91 1.39 -93.78	40.97 1.29 -10.72	37.46 1.75 -0.50	32.38 1.29 -5.27
FENNER___WINDPWR 24204	21.47 0.31 0.00	22.68 0.34 0.00	23.55 0.34 0.00	22.12 0.33 0.00	21.99 0.33 0.00	21.80 0.38 0.00	30.25 0.72 0.00	41.70 1.07 0.00	59.01 1.38 0.00	35.90 0.83 0.00	26.41 0.61 0.00	25.08 0.53 -0.27	24.97 0.56 -0.18	26.84 0.58 -0.31	28.72 0.61 -0.45	33.17 0.69 -0.76	28.51 0.60 -0.42	39.14 0.83 -1.19	75.87 1.87 -3.83	44.80 1.13 -1.60	31.08 0.73 -0.61	30.14 0.65 -0.54	36.98 0.73 -1.04	26.52 0.48 -0.22
FIBERTEK___ENERGY 23856	21.00 -0.15 0.00	22.19 -0.15 0.00	22.98 -0.23 0.00	21.65 -0.13 0.00	21.52 -0.13 0.00	21.31 -0.10 0.00	29.49 -0.05 0.00	40.60 -0.03 0.00	57.45 -0.18 0.00	35.05 -0.03 0.00	25.79 -0.02 0.00	24.94 -0.01 -0.67	24.71 0.03 -0.44	26.77 0.06 -0.76	28.81 0.05 -1.10	33.56 -0.03 -1.88	28.46 -0.06 -1.04	39.99 -0.07 -2.94	79.79 0.19 -9.43	46.13 0.12 -3.95	31.25 0.00 -1.51	30.21 -0.08 -1.34	37.68 -0.10 -2.57	26.31 -0.05 -0.55
FITZPATRICK____ 23598	20.53 -0.62 0.00	21.67 -0.67 0.00	22.47 -0.74 0.00	21.15 -0.63 0.00	21.02 -0.63 0.00	20.81 -0.60 0.00	28.72 -0.82 0.00	39.51 -1.13 0.00	55.93 -1.69 0.00	34.15 -0.92 0.00	25.14 -0.67 0.00	20.11 -0.63 3.54	21.33 -0.58 2.32	21.33 -0.62 3.99	21.23 -0.68 5.75	21.03 -0.84 9.85	21.27 -0.77 5.44	20.73 -1.04 15.36	19.14 -1.74 49.29	20.42 -1.02 20.62	21.07 -0.78 7.89	21.17 -0.80 6.99	20.82 -0.97 13.43	22.24 -0.68 2.89
FLOWRFLD_69_KV_BK1 356044	22.48 1.33 0.00	23.77 1.43 0.00	24.58 1.36 0.00	22.99 1.21 0.00	22.81 1.16 0.00	22.53 1.12 0.00	31.38 1.84 0.00	43.31 2.68 0.00	61.16 3.54 0.00	37.18 2.11 0.00	27.44 1.63 0.00	25.70 1.42 0.00	26.66 1.38 -1.05	27.39 1.45 0.00	29.29 1.62 0.00	33.61 1.89 0.00	34.07 1.64 -4.96	37.89 2.08 1.31	39.70 3.28 33.75	71.70 2.06 -27.57	58.69 1.27 -27.69	36.56 1.29 -6.32	37.46 1.75 -0.50	32.68 1.59 -5.28
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.16 1.00 0.00	23.50 1.16 0.00	24.34 1.13 0.00	22.78 1.00 0.00	22.61 0.96 0.00	22.41 1.01 0.00	31.22 1.68 0.00	43.21 2.58 0.00	60.77 3.14 0.00	37.03 1.96 0.00	27.20 1.39 0.00	25.54 1.25 0.00	25.41 1.17 0.00	27.22 1.28 0.00	29.14 1.47 0.00	33.45 1.73 0.00	29.05 1.56 0.00	39.22 2.10 0.00	73.85 3.68 0.00	44.37 2.31 0.00	31.19 1.46 0.00	30.27 1.32 0.00	36.87 1.66 0.00	27.00 1.18 0.00
FORT ORANGE____ 23900	21.41 0.26 0.00	22.73 0.39 0.00	23.66 0.45 0.00	22.15 0.38 0.00	22.07 0.42 0.00	21.82 0.41 0.00	30.28 0.74 0.00	41.90 1.27 0.00	58.89 1.27 0.00	35.47 0.40 0.00	26.03 0.23 0.00	24.45 0.17 0.00	24.36 0.13 0.00	26.07 0.13 0.00	27.81 0.15 0.00	32.02 0.30 0.00	27.84 0.36 0.00	37.83 0.71 0.00	71.46 1.29 0.00	43.05 0.98 0.00	30.37 0.63 0.00	29.51 0.56 0.00	35.67 0.46 0.00	26.04 0.23 0.00
FORT_DRUM_COGEN 23780	21.70 0.56 0.00	22.90 0.56 0.00	23.82 0.61 0.00	22.34 0.56 0.00	22.21 0.56 0.00	21.98 0.57 0.00	30.76 1.22 0.00	42.32 1.69 0.00	60.12 2.50 0.00	36.54 1.47 0.00	26.91 1.10 0.00	26.14 0.88 -0.97	25.48 0.61 -0.64	26.97 0.44 -0.58	29.88 0.41 -1.81	33.80 0.64 -1.44	28.85 0.57 -0.80	40.30 0.93 -2.25	81.17 2.24 -8.76	48.59 1.34 -5.19	32.09 1.05 -1.30	31.18 1.20 -1.03	38.56 1.38 -1.97	27.17 0.93 -0.42
FOX_HILLS___ESR 323835	22.29 1.14 0.00	23.64 1.30 0.00	24.44 1.23 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.50 1.09 0.00	31.31 1.77 0.00	43.24 2.61 0.00	60.83 3.20 0.00	37.36 2.26 -0.03	28.15 1.64 -0.70	25.84 1.46 -0.10	26.73 1.36 -1.14	27.42 1.46 -0.01	29.34 1.66 -0.01	33.65 1.92 -0.01	35.38 1.68 -6.23	39.33 2.21 0.00	73.56 3.39 0.00	73.83 2.27 -29.49	124.84 1.35 -93.75	40.51 1.29 -10.27	37.52 1.81 -0.50	32.71 1.35 -5.55
FPL FAR_ROCK_GT1 24212	22.50 1.35 0.00	23.81 1.47 0.00	24.62 1.41 0.00	23.02 1.24 0.00	22.87 1.21 0.00	22.63 1.22 0.00	31.56 2.03 0.00	43.66 3.03 0.00	61.34 3.72 0.00	37.45 2.38 0.00	27.64 1.83 0.00	25.94 1.65 0.00	26.87 1.59 -1.05	27.67 1.73 0.00	29.59 1.93 0.00	33.97 2.25 0.00	35.54 1.95 -6.11	39.47 2.51 0.17	70.00 4.26 4.43	73.97 2.61 -29.30	117.82 1.71 -86.37	40.72 1.58 -10.19	37.78 2.07 -0.50	32.72 1.63 -5.28



FPL FAR_ROCK_GT2 23815	22.50 1.35 0.00	23.81 1.47 0.00	24.62 1.41 0.00	23.02 1.24 0.00	22.87 1.21 0.00	22.63 1.22 0.00	31.56 2.03 0.00	43.66 3.03 0.00	61.34 3.72 0.00	37.45 2.38 0.00	27.64 1.83 0.00	25.94 1.65 0.00	26.87 1.59 -1.05	27.67 1.73 0.00	29.59 1.93 0.00	33.97 2.25 0.00	35.54 1.95 -6.11	39.47 2.51 0.17	70.00 4.26 4.43	73.97 2.61 -29.30	117.82 1.71 -86.37	40.72 1.58 -10.19	37.78 2.07 -0.50	32.72 1.63 -5.28
FRANKLIN_FALL_HYD 24054	21.24 0.09 0.00	22.22 -0.12 0.00	23.18 -0.03 0.00	21.63 -0.14 0.00	21.60 -0.06 0.00	21.29 -0.12 0.00	29.15 -0.39 0.00	39.46 -1.17 0.00	56.46 -1.16 0.00	34.56 -0.51 0.00	25.50 -0.30 0.00	31.17 -0.28 -7.16	28.66 -0.35 -4.77	25.50 -0.44 0.00	42.46 -0.57 -15.36	31.20 -0.51 0.00	27.21 -0.27 0.00	36.55 -0.57 0.00	92.79 -1.58 -24.19	75.32 -0.99 -34.25	31.56 -0.46 -2.28	28.86 -0.09 0.00	35.26 0.04 0.00	25.85 0.04 0.00
FREEPORT_EQUS_GT1 23764	22.35 1.20 0.00	23.65 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.70 1.05 0.00	22.45 1.05 0.00	31.28 1.75 0.00	43.28 2.65 0.00	60.70 3.07 0.00	37.13 2.06 0.00	27.40 1.59 0.00	25.69 1.41 0.00	26.63 1.35 -1.05	27.39 1.45 0.00	29.31 1.64 0.00	33.64 1.92 0.00	34.67 1.61 -5.58	38.23 1.82 0.71	54.52 2.92 18.58	72.33 1.85 -28.43	90.52 1.29 -59.49	38.64 1.28 -8.42	37.47 1.76 -0.50	32.52 1.43 -5.28
FREEPORT___CT2 23818	22.35 1.20 0.00	23.65 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.70 1.05 0.00	22.45 1.05 0.00	31.28 1.75 0.00	43.28 2.65 0.00	60.70 3.07 0.00	37.13 2.06 0.00	27.40 1.59 0.00	25.69 1.41 0.00	26.63 1.35 -1.05	27.39 1.45 0.00	29.31 1.64 0.00	33.64 1.92 0.00	34.67 1.61 -5.58	38.23 1.82 0.71	54.52 2.92 18.58	72.33 1.85 -28.43	90.52 1.29 -59.49	38.64 1.28 -8.42	37.47 1.76 -0.50	32.52 1.43 -5.28
FRESHKLS_33_KV_LOAD 356253	22.29 1.14 0.00	23.64 1.30 0.00	24.44 1.23 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.50 1.09 0.00	31.32 1.79 0.00	43.22 2.59 0.00	60.81 3.18 0.00	37.35 2.25 -0.03	28.11 1.60 -0.70	25.79 1.41 -0.10	26.68 1.31 -1.14	27.36 1.40 -0.01	29.28 1.60 -0.01	33.59 1.86 -0.01	35.34 1.64 -6.23	39.33 2.21 0.00	73.53 3.36 0.00	73.82 2.27 -29.49	124.84 1.35 -93.75	40.48 1.25 -10.27	37.49 1.77 -0.50	32.67 1.31 -5.55
FULTON COGEN____ 23766	20.76 -0.39 0.00	21.92 -0.43 0.00	22.73 -0.49 0.00	21.39 -0.39 0.00	21.25 -0.40 0.00	21.06 -0.35 0.00	29.12 -0.42 0.00	40.11 -0.52 0.00	56.76 -0.86 0.00	34.62 -0.44 0.00	25.49 -0.32 0.00	25.13 -0.32 -1.16	24.73 -0.27 -0.77	26.97 -0.29 -1.32	29.23 -0.32 -1.90	34.52 -0.45 -3.25	28.82 -0.46 -1.79	41.59 -0.60 -5.07	85.65 -0.79 -16.27	48.40 -0.47 -6.80	31.94 -0.40 -2.60	30.82 -0.44 -2.31	39.11 -0.53 -4.43	26.39 -0.38 -0.95
FULTON___LFGE 323630	22.37 1.22 0.00	23.65 1.31 0.00	24.55 1.34 0.00	23.03 1.25 0.00	22.91 1.26 0.00	22.72 1.31 0.00	31.52 1.98 0.00	43.36 2.73 0.00	60.40 2.77 0.00	36.34 1.27 0.00	26.91 1.11 0.00	25.15 0.87 0.00	25.14 0.91 0.00	26.62 0.68 0.00	28.37 0.70 0.00	32.74 1.03 0.00	28.78 1.30 0.00	39.41 2.28 0.00	75.02 4.85 0.00	45.07 3.01 0.00	31.76 2.03 0.00	30.86 1.91 0.00	37.47 2.26 0.00	27.44 1.62 0.00
G.F.CEMENT___DRP 24184	22.39 1.24 0.00	23.80 1.46 0.00	24.78 1.56 0.00	23.21 1.43 0.00	23.11 1.45 0.00	22.88 1.47 0.00	31.82 2.28 0.00	44.09 3.46 0.00	62.03 4.41 0.00	37.10 2.03 0.00	27.30 1.49 0.00	25.65 1.36 0.00	25.55 1.32 0.00	27.41 1.47 0.00	29.16 1.50 0.00	33.67 1.95 0.00	29.26 1.78 0.00	39.72 2.59 0.00	75.25 5.08 0.00	45.54 3.47 0.00	32.14 2.40 0.00	31.21 2.26 0.00	37.50 2.28 0.00	27.27 1.46 0.00
GARDENVILLE___LBMP 24039	20.98 -0.17 0.00	21.95 -0.39 0.00	22.69 -0.52 0.00	21.39 -0.39 0.00	21.29 -0.36 0.00	21.26 -0.15 0.00	29.51 -0.03 0.00	40.29 -0.34 0.00	57.16 -0.47 0.00	35.25 0.18 0.00	26.13 0.32 0.00	24.78 0.49 0.00	24.97 0.73 0.00	26.79 0.84 0.00	28.43 0.77 0.00	32.17 0.45 0.00	27.44 -0.04 0.00	44.80 -0.41 -8.08	243.40 0.99 -172.23	68.66 0.36 -26.23	29.81 0.07 0.00	28.89 -0.06 0.00	35.41 0.20 0.00	26.33 0.51 0.00
GARDNVLA_35_KV_LD 355827	21.07 -0.08 0.00	22.03 -0.31 0.00	22.78 -0.43 0.00	21.47 -0.31 0.00	21.37 -0.28 0.00	21.34 -0.07 0.00	29.62 0.09 0.00	40.45 -0.18 0.00	57.45 -0.18 0.00	35.41 0.34 0.00	26.25 0.44 0.00	24.89 0.60 0.00	25.07 0.84 0.00	26.90 0.95 0.00	28.54 0.88 0.00	32.31 0.60 0.00	27.57 0.09 0.00	47.37 -0.23 -10.47	266.80 1.34 -195.29	79.20 0.57 -36.57	29.96 0.22 0.00	29.03 0.08 0.00	35.56 0.35 0.00	26.43 0.62 0.00
GELCKHM___115KV_LOAD 80723	20.89 -0.26 0.00	22.06 -0.28 0.00	22.87 -0.34 0.00	21.52 -0.26 0.00	21.39 -0.26 0.00	21.19 -0.22 0.00	29.32 -0.22 0.00	40.35 -0.28 0.00	57.12 -0.51 0.00	34.85 -0.22 0.00	25.65 -0.15 0.00	24.57 -0.15 -0.44	24.42 -0.10 -0.29	26.35 -0.09 -0.49	28.26 -0.11 -0.71	32.74 -0.20 -1.22	27.94 -0.21 -0.67	38.74 -0.29 -1.90	76.06 -0.22 -6.11	44.48 -0.14 -2.56	30.54 -0.18 -0.98	29.58 -0.24 -0.87	36.57 -0.30 -1.67	25.97 -0.20 -0.36
GENERAL___MILLS 23808	21.04 -0.11 0.00	22.00 -0.34 0.00	22.75 -0.46 0.00	21.45 -0.33 0.00	21.35 -0.31 0.00	21.32 -0.09 0.00	29.59 0.05 0.00	40.41 -0.22 0.00	57.34 -0.29 0.00	35.36 0.29 0.00	26.21 0.40 0.00	24.85 0.56 0.00	25.03 0.79 0.00	26.86 0.91 0.00	28.50 0.84 0.00	32.25 0.53 0.00	27.52 0.04 0.00	47.05 -0.30 -10.23	266.86 1.21 -195.48	77.20 0.48 -34.65	29.90 0.16 0.00	28.98 0.03 0.00	35.51 0.29 0.00	26.39 0.58 0.00
GE_PLASTICS___DRP 24183	21.40 0.25 0.00	22.72 0.38 0.00	23.65 0.44 0.00	22.15 0.38 0.00	22.05 0.40 0.00	21.79 0.38 0.00	30.20 0.66 0.00	41.74 1.11 0.00	58.73 1.10 0.00	35.42 0.35 0.00	26.01 0.21 0.00	24.45 0.17 0.00	24.37 0.13 0.00	26.08 0.13 0.00	27.82 0.16 0.00	32.01 0.29 0.00	27.82 0.34 0.00	37.75 0.63 0.00	71.19 1.02 0.00	42.86 0.79 0.00	30.25 0.51 0.00	29.41 0.46 0.00	35.59 0.37 0.00	25.99 0.18 0.00
GILBOA___1 23756	21.53 0.38 0.00	22.92 0.58 0.00	23.94 0.73 0.00	22.45 0.67 0.00	22.29 0.64 0.00	21.89 0.48 0.00	30.23 0.69 0.00	41.67 1.04 0.00	58.74 1.12 0.00	35.76 0.70 0.00	26.30 0.49 0.00	24.71 0.43 0.00	24.63 0.40 0.00	26.39 0.45 0.00	28.17 0.51 0.00	32.33 0.61 0.00	28.04 0.56 0.00	37.81 0.69 0.00	71.03 0.85 0.00	42.76 0.70 0.00	30.24 0.50 0.00	29.43 0.48 0.00	35.76 0.55 0.00	26.19 0.38 0.00
GILBOA___2 23757	21.53 0.38 0.00	22.92 0.58 0.00	23.94 0.73 0.00	22.45 0.67 0.00	22.29 0.64 0.00	21.89 0.48 0.00	30.23 0.69 0.00	41.67 1.04 0.00	58.74 1.12 0.00	35.76 0.70 0.00	26.30 0.49 0.00	24.71 0.43 0.00	24.63 0.40 0.00	26.39 0.45 0.00	28.17 0.51 0.00	32.33 0.61 0.00	28.04 0.56 0.00	37.81 0.69 0.00	71.03 0.85 0.00	42.76 0.70 0.00	30.24 0.50 0.00	29.43 0.48 0.00	35.76 0.55 0.00	26.19 0.38 0.00

GILBOA___3 23758	21.53 0.38 0.00	22.92 0.58 0.00	23.94 0.73 0.00	22.45 0.67 0.00	22.29 0.64 0.00	21.89 0.48 0.00	30.23 0.69 0.00	41.67 1.04 0.00	58.74 1.12 0.00	35.76 0.70 0.00	26.30 0.49 0.00	24.71 0.43 0.00	24.63 0.40 0.00	26.39 0.45 0.00	28.17 0.51 0.00	32.33 0.61 0.00	28.04 0.56 0.00	37.81 0.69 0.00	71.03 0.85 0.00	42.76 0.70 0.00	30.24 0.50 0.00	29.43 0.48 0.00	35.76 0.55 0.00	26.19 0.38 0.00
GILBOA___4 23759	21.53 0.38 0.00	22.92 0.58 0.00	23.94 0.73 0.00	22.45 0.67 0.00	22.29 0.64 0.00	21.89 0.48 0.00	30.23 0.69 0.00	41.67 1.04 0.00	58.74 1.12 0.00	35.76 0.70 0.00	26.30 0.49 0.00	24.71 0.43 0.00	24.63 0.40 0.00	26.39 0.45 0.00	28.17 0.51 0.00	32.33 0.61 0.00	28.04 0.56 0.00	37.81 0.69 0.00	71.03 0.85 0.00	42.76 0.70 0.00	30.24 0.50 0.00	29.43 0.48 0.00	35.76 0.55 0.00	26.19 0.38 0.00
GILBOA___ 23599	21.53 0.38 0.00	22.92 0.58 0.00	23.94 0.73 0.00	22.45 0.67 0.00	22.29 0.64 0.00	21.89 0.48 0.00	30.23 0.69 0.00	41.67 1.04 0.00	58.74 1.12 0.00	35.76 0.70 0.00	26.30 0.49 0.00	24.71 0.43 0.00	24.64 0.40 0.00	26.39 0.45 0.00	28.17 0.51 0.00	32.33 0.61 0.00	28.04 0.56 0.00	37.81 0.69 0.00	71.02 0.85 0.00	42.77 0.71 0.00	30.24 0.51 0.00	29.43 0.48 0.00	35.76 0.55 0.00	26.19 0.38 0.00
GINNA___ 23603	21.26 0.11 0.00	22.33 -0.01 0.00	23.13 -0.08 0.00	21.76 -0.01 0.00	21.66 0.01 0.00	21.57 0.16 0.00	29.93 0.39 0.00	41.09 0.46 0.00	58.26 0.63 0.00	35.75 0.68 0.00	26.41 0.61 0.00	24.89 0.61 0.00	24.96 0.73 0.00	26.72 0.78 0.00	28.43 0.76 0.00	32.40 0.68 0.00	27.84 0.36 0.00	36.76 0.45 0.81	56.32 1.88 15.73	40.25 0.98 2.80	30.19 0.45 0.00	29.31 0.36 0.00	35.74 0.53 0.00	26.39 0.58 0.00
GLEN PARK___ 23778	21.82 0.67 0.00	23.01 0.67 0.00	23.93 0.72 0.00	22.45 0.67 0.00	22.32 0.67 0.00	22.11 0.70 0.00	30.96 1.42 0.00	42.61 1.97 0.00	60.52 2.89 0.00	36.77 1.70 0.00	27.06 1.26 0.00	26.27 1.02 -0.97	25.56 0.69 -0.64	27.10 1.77 -0.61	29.95 0.48 -1.80	34.03 0.79 -1.52	29.01 0.69 -0.84	40.64 1.15 -2.37	82.03 2.81 -9.05	48.99 1.70 -5.23	32.38 1.29 -1.35	31.44 1.41 -1.08	38.88 1.60 -2.07	27.34 1.08 -0.45
GLENDALE_27_KV_LOAD 356172	22.45 1.29 0.00	23.78 1.44 0.00	24.58 1.37 0.00	22.97 1.20 0.00	22.79 1.13 0.00	22.61 1.20 0.00	31.42 1.89 0.00	43.49 2.86 0.00	61.24 3.61 0.00	37.58 2.48 -0.03	28.41 1.91 -0.70	43.62 1.75 -17.59	45.64 1.62 -19.79	37.57 1.77 -9.85	35.52 1.99 -5.87	38.40 2.28 -4.40	35.67 1.96 -6.23	39.64 2.51 0.00	74.31 4.14 0.00	74.21 2.66 -29.49	125.11 1.61 -93.75	41.21 1.53 -10.72	37.77 2.05 -0.50	32.87 1.51 -5.55
GLENWOOD_IC_1_G5 23712	22.34 1.19 0.00	23.65 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.70 1.05 0.00	22.47 1.06 0.00	31.32 1.78 0.00	43.33 2.70 0.00	60.97 3.35 0.00	37.21 2.14 0.00	27.46 1.65 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.48 1.53 0.00	29.40 1.73 0.00	33.73 2.01 0.00	35.00 1.72 -5.80	38.81 2.17 0.49	61.00 3.58 12.75	73.07 2.22 -28.79	101.70 1.42 -70.54	39.41 1.31 -9.14	37.47 1.76 -0.50	32.51 1.42 -5.28
GLENWOOD_IC_2_G1 23688	22.31 1.16 0.00	23.61 1.27 0.00	24.43 1.22 0.00	22.84 1.06 0.00	22.68 1.02 0.00	22.43 1.02 0.00	31.26 1.72 0.00	43.25 2.62 0.00	60.85 3.22 0.00	37.13 2.07 0.00	27.41 1.60 0.00	25.71 1.43 0.00	26.64 1.36 -1.05	27.42 1.47 0.00	29.32 1.66 0.00	33.65 1.93 0.00	35.26 1.65 -6.13	39.07 2.09 0.15	69.76 3.39 3.81	73.53 2.12 -29.34	118.60 1.35 -87.51	40.47 1.26 -10.26	37.39 1.68 -0.50	32.46 1.37 -5.28
GLENWOOD_IC_3_G1 23689	22.31 1.16 0.00	23.61 1.27 0.00	24.43 1.22 0.00	22.84 1.06 0.00	22.68 1.02 0.00	22.43 1.02 0.00	31.26 1.72 0.00	43.25 2.62 0.00	60.85 3.22 0.00	37.13 2.07 0.00	27.41 1.60 0.00	25.71 1.43 0.00	26.64 1.36 -1.05	27.42 1.47 0.00	29.32 1.66 0.00	33.65 1.93 0.00	35.26 1.65 -6.13	39.07 2.09 0.15	69.76 3.39 3.81	73.53 2.12 -29.34	118.60 1.35 -87.51	40.47 1.26 -10.26	37.39 1.68 -0.50	32.46 1.37 -5.28
GLENWOOD___4 23550	22.34 1.19 0.00	23.65 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.70 1.05 0.00	22.47 1.06 0.00	31.32 1.78 0.00	43.33 2.70 0.00	60.97 3.35 0.00	37.21 2.14 0.00	27.46 1.65 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.48 1.53 0.00	29.40 1.73 0.00	33.73 2.01 0.00	35.00 1.72 -5.80	38.81 2.17 0.49	61.00 3.58 12.75	73.07 2.22 -28.79	101.70 1.42 -70.54	39.41 1.31 -9.14	37.47 1.76 -0.50	32.51 1.42 -5.28
GLENWOOD___5 23614	22.34 1.19 0.00	23.65 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.70 1.05 0.00	22.47 1.06 0.00	31.32 1.78 0.00	43.33 2.70 0.00	60.97 3.35 0.00	37.21 2.14 0.00	27.46 1.65 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.48 1.53 0.00	29.40 1.73 0.00	33.73 2.01 0.00	35.00 1.72 -5.80	38.81 2.17 0.49	61.00 3.58 12.75	73.07 2.22 -28.79	101.70 1.42 -70.54	39.41 1.31 -9.14	37.47 1.76 -0.50	32.51 1.42 -5.28
GLOBAL GREEN_PORT_GT1 23814	23.09 1.94 0.00	24.38 2.04 0.00	25.20 1.99 0.00	23.62 1.84 0.00	23.44 1.78 0.00	23.19 1.78 0.00	32.37 2.83 0.00	44.64 4.01 0.00	62.99 5.36 0.00	38.25 3.18 0.00	28.15 2.35 0.00	26.35 2.07 0.00	27.31 2.02 -1.05	28.09 2.14 0.00	30.05 2.39 0.00	34.57 2.85 0.00	34.96 2.54 -4.95	39.29 3.49 1.32	42.55 6.32 33.93	73.49 3.86 -27.56	59.52 2.48 -27.31	37.56 2.31 -6.29	38.61 2.90 -0.50	33.44 2.35 -5.28
GLOBE___DSASP 323697	20.52 -0.63 0.00	21.50 -0.84 0.00	22.27 -0.94 0.00	20.98 -0.80 0.00	20.90 -0.75 0.00	20.85 -0.56 0.00	28.85 -0.69 0.00	39.27 -1.36 0.00	55.84 -1.79 0.00	34.48 -0.59 0.00	25.60 -0.20 0.00	24.21 -0.08 0.00	24.42 0.18 0.00	26.15 0.21 0.00	27.64 -0.03 0.00	31.23 -0.49 0.00	26.64 -0.84 0.00	34.13 -1.44 1.55	38.47 -0.95 30.75	35.79 -0.93 5.34	28.78 -0.95 0.00	27.98 -0.97 0.00	34.40 -0.82 0.00	25.80 -0.02 0.00
GOETHSLN___LBMP 323567	22.24 1.09 0.00	23.58 1.24 0.00	24.37 1.16 0.00	22.79 1.01 0.00	22.60 0.95 0.00	22.42 1.01 0.00	31.23 1.69 0.00	43.18 2.55 0.00	60.64 3.01 0.00	37.14 2.07 0.00	27.41 1.60 0.00	25.84 1.47 -0.09	26.69 1.33 -1.13	27.41 1.46 0.00	29.35 1.68 -0.01	33.63 1.91 0.00	35.35 1.65 -6.22	39.24 2.11 0.00	73.63 3.46 0.00	73.75 2.18 -29.50	124.81 1.29 -93.78	40.87 1.19 -10.72	37.38 1.67 -0.50	32.34 1.25 -5.27
GOLAH___69_KV_TB 1_2 80279	21.36 0.21 0.00	22.40 0.05 0.00	23.24 0.03 0.00	21.83 0.05 0.00	21.76 0.11 0.00	21.70 0.29 0.00	30.20 0.66 0.00	41.36 0.72 0.00	58.54 0.91 0.00	35.95 0.88 0.00	26.58 0.78 0.00	25.07 0.79 0.00	25.12 0.89 0.00	26.86 0.92 0.00	28.47 0.80 0.00	32.40 0.68 0.00	27.81 0.33 0.00	36.81 0.40 0.72	58.59 2.26 13.83	40.75 1.16 2.48	30.30 0.57 0.00	29.40 0.45 0.00	35.93 0.72 0.00	26.59 0.77 0.00

GOODYEAR_LAKE_HYD 323669	21.83 0.68 0.00	23.09 0.75 0.00	24.00 0.79 0.00	22.53 0.75 0.00	22.39 0.73 0.00	22.17 0.76 0.00	30.66 1.12 0.00	42.21 1.58 0.00	59.69 2.06 0.00	36.51 1.44 0.00	26.89 1.09 0.00	25.38 1.00 -0.10	25.33 1.03 -0.07	27.15 1.10 -0.11	29.01 1.19 -0.16	33.31 1.32 -0.27	28.71 1.08 -0.15	38.71 1.42 -0.17	76.69 2.78 -3.73	44.05 1.70 -0.28	30.87 1.13 0.00	29.99 1.04 0.00	36.51 1.29 0.00	26.78 0.97 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.23 0.07 0.00	22.46 0.12 0.00	23.30 0.09 0.00	21.92 0.14 0.00	21.77 0.12 0.00	21.60 0.19 0.00	29.91 0.37 0.00	41.15 0.52 0.00	58.14 0.52 0.00	35.51 0.44 0.00	26.12 0.31 0.00	24.85 0.32 -0.25	24.78 0.38 -0.16	26.70 0.48 -0.28	28.55 0.48 -0.40	32.83 0.43 -0.69	28.11 0.25 -0.38	39.45 0.21 -2.12	95.34 1.01 -24.16	47.72 0.57 -5.09	30.65 0.37 -0.54	29.67 0.24 -0.48	36.48 0.35 -0.92	26.27 0.26 -0.20
GOUDEY___7 23579	21.23 0.07 0.00	22.46 0.12 0.00	23.30 0.09 0.00	21.92 0.14 0.00	21.77 0.12 0.00	21.60 0.19 0.00	29.91 0.37 0.00	41.15 0.52 0.00	58.14 0.52 0.00	35.51 0.44 0.00	26.12 0.31 0.00	24.85 0.32 -0.25	24.78 0.38 -0.16	26.70 0.48 -0.28	28.55 0.48 -0.40	32.83 0.43 -0.69	28.11 0.25 -0.38	39.45 0.21 -2.12	95.34 1.01 -24.16	47.72 0.57 -5.09	30.65 0.37 -0.54	29.67 0.24 -0.48	36.48 0.35 -0.92	26.27 0.26 -0.20
GOUDEY___8 23580	21.23 0.07 0.00	22.46 0.12 0.00	23.30 0.09 0.00	21.92 0.14 0.00	21.77 0.12 0.00	21.60 0.19 0.00	29.91 0.37 0.00	41.15 0.52 0.00	58.14 0.52 0.00	35.51 0.44 0.00	26.12 0.31 0.00	24.85 0.32 -0.25	24.78 0.38 -0.16	26.70 0.48 -0.28	28.55 0.48 -0.40	32.83 0.43 -0.69	28.11 0.25 -0.38	39.45 0.21 -2.12	95.34 1.01 -24.16	47.72 0.57 -5.09	30.65 0.37 -0.54	29.67 0.24 -0.48	36.48 0.35 -0.92	26.27 0.26 -0.20
GOWANUS_GT1_1 24077	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT1_2 24078	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT1_3 24079	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT1_4 24080	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT1_5 24084	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT1_6 24111	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT1_7 24112	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT1_8 24113	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT2_1 24114	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT2_2 24115	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT2_3 24116	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55

GOWANUS_GT2_4 24117	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT2_5 24118	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT2_6 24119	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT2_7 24120	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT2_8 24121	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT3_1 24122	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT3_2 24123	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT3_3 24124	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT3_4 24125	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT3_5 24126	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT3_6 24127	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT3_7 24128	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT3_8 24129	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
GOWANUS_GT4_1 24130	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT4_2 24131	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55

GOWANUS_GT4_3 24132	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT4_4 24133	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT4_5 24134	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT4_6 24135	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT4_7 24136	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GOWANUS_GT4_8 24137	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GREENBSH_115KV_TB3 55895	21.28 0.13 0.00	22.61 0.27 0.00	23.53 0.32 0.00	22.03 0.25 0.00	21.94 0.29 0.00	21.70 0.29 0.00	30.08 0.54 0.00	41.61 0.98 0.00	58.54 0.91 0.00	35.31 0.24 0.00	25.94 0.13 0.00	24.37 0.09 0.00	24.29 0.06 0.00	26.00 0.06 0.00	27.74 0.08 0.00	31.92 0.20 0.00	27.75 0.27 0.00	37.63 0.51 0.00	70.89 0.72 0.00	42.70 0.64 0.00	30.14 0.40 0.00	29.30 0.34 0.00	35.44 0.22 0.00	25.87 0.06 0.00
GREENIDGE_115KV_TB5 80291	21.01 -0.14 0.00	22.14 -0.20 0.00	22.87 -0.34 0.00	21.56 -0.21 0.00	21.45 -0.20 0.00	21.40 -0.01 0.00	29.79 0.25 0.00	40.69 0.06 0.00	57.51 -0.11 0.00	35.43 0.35 0.00	26.09 0.28 0.00	24.90 0.45 -0.17	24.97 0.63 -0.11	26.91 0.78 -0.19	28.65 0.71 -0.27	32.68 0.50 -0.47	27.96 0.20 -0.27	39.37 0.13 -2.12	99.95 1.27 -28.50	48.35 0.83 -5.45	30.82 0.66 -0.43	29.78 0.45 -0.38	36.45 0.51 -0.73	26.44 0.47 -0.16
GREENIDGE___3 23582	21.01 -0.14 0.00	22.14 -0.20 0.00	22.87 -0.34 0.00	21.56 -0.21 0.00	21.45 -0.20 0.00	21.40 -0.01 0.00	29.79 0.25 0.00	40.69 0.06 0.00	57.51 -0.11 0.00	35.43 0.35 0.00	26.09 0.28 0.00	24.90 0.45 -0.17	24.97 0.63 -0.11	26.91 0.78 -0.19	28.65 0.71 -0.27	32.68 0.50 -0.47	27.96 0.20 -0.27	39.37 0.13 -2.12	99.95 1.27 -28.50	48.35 0.83 -5.45	30.82 0.66 -0.43	29.78 0.45 -0.38	36.45 0.51 -0.73	26.44 0.47 -0.16
GREENIDGE___4 23583	21.01 -0.14 0.00	22.14 -0.20 0.00	22.87 -0.34 0.00	21.56 -0.22 0.00	21.45 -0.20 0.00	21.40 -0.01 0.00	29.79 0.25 0.00	40.69 0.06 0.00	57.51 -0.12 0.00	35.43 0.36 0.00	26.09 0.28 0.00	24.90 0.45 -0.17	24.97 0.63 -0.11	26.91 0.77 -0.19	28.64 0.70 -0.27	32.68 0.50 -0.47	27.95 0.20 -0.27	39.37 0.13 -2.12	99.94 1.27 -28.50	48.35 0.83 -5.45	30.82 0.65 -0.43	29.78 0.45 -0.38	36.45 0.51 -0.73	26.44 0.47 -0.16
GREENLWN_69_KV_BK 3 55738	22.17 1.03 0.00	23.50 1.16 0.00	24.33 1.11 0.00	22.75 0.97 0.00	22.57 0.92 0.00	22.19 0.78 0.00	30.84 1.31 0.00	42.62 1.99 0.00	60.20 2.57 0.00	36.65 1.59 0.00	27.17 1.36 0.00	25.46 1.18 0.00	26.43 1.15 -1.05	27.15 1.21 0.00	28.99 1.33 0.00	33.18 1.47 0.00	33.67 1.21 -4.98	37.33 1.49 1.29	39.31 2.21 33.07	71.11 1.44 -27.61	59.69 0.84 -29.11	36.11 0.74 -6.41	36.81 1.11 -0.50	32.24 1.16 -5.28
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55
GRISSOM___SOLAR 323813	22.32 1.17 0.00	23.62 1.27 0.00	24.52 1.31 0.00	23.00 1.22 0.00	22.88 1.22 0.00	22.68 1.27 0.00	31.47 1.94 0.00	43.34 2.71 0.00	60.21 2.59 0.00	36.12 1.05 0.00	26.74 0.93 0.00	24.98 0.70 0.00	24.95 0.72 0.00	26.35 0.40 0.00	28.08 0.42 0.00	32.43 0.71 0.00	28.65 1.17 0.00	39.30 2.18 0.00	74.83 4.66 0.00	44.97 2.90 0.00	31.70 1.96 0.00	30.79 1.84 0.00	37.36 2.15 0.00	27.34 1.53 0.00
GROVEVILLE___HYD 323602	22.16 1.00 0.00	23.50 1.16 0.00	24.34 1.13 0.00	22.78 1.00 0.00	22.61 0.96 0.00	22.41 1.01 0.00	31.22 1.68 0.00	43.21 2.58 0.00	60.77 3.14 0.00	37.03 1.96 0.00	27.20 1.39 0.00	25.54 1.25 0.00	25.41 1.17 0.00	27.22 1.28 0.00	29.14 1.47 0.00	33.45 1.73 0.00	29.05 1.56 0.00	39.22 2.10 0.00	73.85 3.68 0.00	44.37 2.31 0.00	31.19 1.46 0.00	30.27 1.32 0.00	36.87 1.66 0.00	27.00 1.18 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.00 -0.15 0.00	22.19 -0.15 0.00	22.98 -0.23 0.00	21.65 -0.13 0.00	21.52 -0.13 0.00	21.31 -0.10 0.00	29.49 -0.05 0.00	40.60 -0.03 0.00	57.45 -0.18 0.00	35.05 -0.03 0.00	25.79 -0.02 0.00	24.94 -0.01 -0.67	24.71 0.03 -0.44	26.77 0.06 -0.76	28.81 0.05 -1.10	33.56 -0.03 -1.88	28.46 -0.06 -1.04	39.99 -0.07 -2.94	79.79 0.19 -9.43	46.13 0.12 -3.95	31.25 0.00 -1.51	30.21 -0.08 -1.34	37.68 -0.10 -2.57	26.31 -0.05 -0.55

HAMLTNNY_34_KV_TB 80303	21.06 -0.08 0.00	22.24 -0.10 0.00	23.01 -0.20 0.00	21.70 -0.09 0.00	21.57 -0.08 0.00	21.34 -0.06 0.00	29.55 0.02 0.00	40.68 0.04 0.00	57.59 -0.04 0.00	35.11 0.04 0.00	25.84 0.04 0.00	25.03 0.04 -0.70	24.80 0.10 -0.46	26.86 0.12 -0.79	28.92 0.11 -1.14	33.72 0.04 -1.95	28.55 -0.01 -1.08	40.18 0.00 -3.06	80.41 0.42 -9.82	46.39 0.22 -4.11	31.37 0.06 -1.57	30.32 -0.02 -1.39	37.86 -0.03 -2.67	26.42 0.03 -0.58
HAMPSHIRE___PAPER_HYD 323593	21.50 0.35 0.00	22.57 0.23 0.00	23.50 0.29 0.00	22.01 0.23 0.00	21.90 0.25 0.00	21.60 0.19 0.00	29.86 0.32 0.00	40.75 0.12 0.00	58.07 0.44 0.00	35.45 0.39 0.00	26.18 0.38 0.00	25.93 0.30 -1.35	25.26 0.14 -0.90	26.15 -0.04 -0.25	30.32 -0.12 -2.77	32.25 -0.08 -0.61	27.82 -0.01 -0.34	38.10 0.02 -0.95	77.12 0.08 -6.87	48.76 0.02 -6.67	30.74 0.15 -0.85	29.79 0.41 -0.43	36.61 0.56 -0.83	26.46 0.47 -0.18
HARDSCRABBLE_WT_PWR 323673	21.02 -0.12 0.00	22.46 0.12 0.00	23.38 0.17 0.00	21.91 0.13 0.00	21.76 0.11 0.00	21.51 0.10 0.00	29.88 0.34 0.00	41.27 0.64 0.00	57.62 -0.01 0.00	34.60 -0.47 0.00	25.42 -0.39 0.00	23.85 -0.43 0.00	23.81 -0.42 0.00	25.24 -0.71 0.00	26.94 -0.73 0.00	31.10 -0.62 0.00	27.20 -0.28 0.00	37.28 0.16 0.00	70.89 0.72 0.00	42.64 0.58 0.00	29.99 0.25 0.00	29.14 0.19 0.00	35.13 -0.08 0.00	25.57 -0.24 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.94 0.79 0.00	23.27 0.93 0.00	24.09 0.88 0.00	22.53 0.75 0.00	22.37 0.71 0.00	22.19 0.78 0.00	30.93 1.39 0.00	42.82 2.19 0.00	60.16 2.53 0.00	36.68 1.61 0.00	26.95 1.15 0.00	25.32 1.03 0.00	23.98 0.93 1.19	26.97 1.02 0.00	28.88 1.22 0.00	33.14 1.42 0.00	21.63 1.26 7.11	38.84 1.72 0.00	73.21 3.04 0.00	26.42 1.90 17.54	-25.69 1.15 56.58	21.60 1.01 8.36	36.17 1.34 0.39	22.67 0.97 4.11
HARSNRAD_115KV_TB1 81005	20.77 -0.38 0.00	21.70 -0.64 0.00	22.45 -0.77 0.00	21.15 -0.63 0.00	21.07 -0.58 0.00	21.04 -0.37 0.00	29.17 -0.37 0.00	39.78 -0.85 0.00	56.53 -1.10 0.00	34.87 -0.20 0.00	25.88 0.08 0.00	24.49 0.20 0.00	24.62 0.39 0.00	26.38 0.43 0.00	28.02 0.35 0.00	31.68 -0.04 0.00	27.05 -0.43 0.00	36.96 -0.87 -0.71	84.81 0.29 -14.35	44.19 -0.14 -2.27	29.35 -0.38 0.00	28.50 -0.46 0.00	34.99 -0.22 0.00	26.10 0.29 0.00
HARZA MOOSE___RIVER 24016	21.61 0.46 0.00	22.82 0.48 0.00	23.74 0.53 0.00	22.26 0.48 0.00	22.12 0.47 0.00	21.87 0.46 0.00	30.46 0.92 0.00	41.97 1.34 0.00	59.54 1.91 0.00	36.18 1.11 0.00	26.63 0.82 -0.50	25.50 0.72 -0.33	25.18 0.62 -0.21	26.71 0.56 -0.21	29.23 0.59 -0.97	32.98 0.74 -0.52	28.44 0.67 -0.29	38.90 0.97 -0.80	75.77 1.96 -3.64	45.78 1.14 -2.58	31.09 0.84 -0.52	30.24 0.92 -0.37	36.99 1.08 -0.70	26.69 0.73 -0.15
HDSNBRDG_115KV_BRDG_TB1 355580	20.90 -0.25 0.00	22.07 -0.27 0.00	22.89 -0.33 0.00	21.54 -0.24 0.00	21.40 -0.25 0.00	21.21 -0.20 0.00	29.35 -0.19 0.00	40.40 -0.23 0.00	57.18 -0.45 0.00	34.90 -0.17 0.00	25.69 -0.11 0.00	24.53 -0.11 -0.36	24.42 -0.05 -0.23	26.31 -0.04 -0.40	28.18 -0.06 -0.58	32.57 -0.14 -1.00	27.86 -0.17 -0.55	38.44 -0.24 -1.56	75.04 -0.13 -5.00	44.07 -0.08 -2.09	30.40 -0.14 -0.80	29.45 -0.21 -0.71	36.31 -0.26 -1.36	25.92 -0.18 -0.29
HELLGATE_13_KV_LD 55870	22.38 1.23 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.91 1.13 0.00	22.72 1.06 0.00	22.54 1.13 0.00	31.27 1.73 0.00	43.28 2.65 0.00	60.95 3.33 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.52 1.65 -17.59	45.53 1.51 -19.79	37.45 1.65 -9.85	35.41 1.87 -5.87	38.26 2.14 -4.40	35.54 1.83 -6.23	39.45 2.33 0.00	73.94 3.77 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.40 -5.55
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.38 1.23 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.91 1.13 0.00	22.72 1.06 0.00	22.54 1.13 0.00	31.27 1.73 0.00	43.28 2.65 0.00	60.95 3.33 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.52 1.65 -17.59	45.53 1.51 -19.79	37.45 1.65 -9.85	35.41 1.87 -5.87	38.26 2.14 -4.40	35.54 1.83 -6.23	39.45 2.33 0.00	73.94 3.77 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.40 -5.55
HEMPSTEAD____ 23647	22.24 1.09 0.00	23.54 1.21 0.00	24.36 1.14 0.00	22.78 1.00 0.00	22.60 0.95 0.00	22.36 0.95 0.00	31.14 1.61 0.00	43.10 2.47 0.00	60.61 2.99 0.00	37.00 1.93 0.00	27.31 1.51 0.00	25.61 1.33 0.00	26.55 1.27 -1.05	27.31 1.37 0.00	29.22 1.56 0.00	33.53 1.81 0.00	34.65 1.53 -5.64	38.34 1.88 0.65	56.05 2.99 17.12	72.46 1.89 -28.51	93.48 1.21 -62.53	38.70 1.13 -8.62	37.28 1.57 -0.50	32.39 1.29 -5.28
HEWLETT_69_KV_BK3 55828	22.42 1.27 0.00	23.73 1.39 0.00	24.53 1.32 0.00	22.94 1.17 0.00	22.79 1.14 0.00	22.55 1.14 0.00	31.43 1.90 0.00	43.48 2.86 0.00	61.11 3.48 0.00	37.32 2.25 0.00	27.53 1.72 0.00	25.83 1.55 0.00	26.76 1.48 -1.05	27.56 1.61 0.00	29.48 1.81 0.00	33.82 2.10 0.00	35.41 1.82 -6.11	39.29 2.34 0.17	69.64 3.90 4.43	73.75 2.39 -29.30	117.66 1.56 -86.37	40.59 1.45 -10.19	37.62 1.91 -0.50	32.61 1.52 -5.28
HICKLING___1 23621	20.53 -0.63 0.00	21.70 -0.64 0.00	22.34 -0.87 0.00	21.12 -0.66 0.00	20.99 -0.66 0.00	21.00 -0.41 0.00	29.35 -0.19 0.00	39.94 -0.69 0.00	56.56 -1.07 0.00	34.83 -0.24 0.00	25.63 -0.18 0.00	24.69 0.25 -0.15	24.83 0.50 -0.10	26.91 0.80 -0.16	28.57 0.67 -0.24	32.43 0.30 -0.41	27.59 -0.14 -0.25	39.80 -0.05 -2.73	112.09 1.33 -40.59	50.30 0.65 -7.59	30.58 0.42 -0.42	29.53 0.20 -0.37	36.24 0.31 -0.72	26.20 0.23 -0.15
HICKLING___2 23622	20.53 -0.63 0.00	21.70 -0.64 0.00	22.34 -0.87 0.00	21.12 -0.66 0.00	20.99 -0.66 0.00	21.00 -0.41 0.00	29.35 -0.19 0.00	39.94 -0.69 0.00	56.56 -1.07 0.00	34.83 -0.24 0.00	25.63 -0.18 0.00	24.69 0.25 -0.15	24.83 0.50 -0.10	26.91 0.80 -0.16	28.57 0.67 -0.24	32.43 0.30 -0.41	27.59 -0.14 -0.25	39.80 -0.05 -2.73	112.09 1.33 -40.59	50.30 0.65 -7.59	30.58 0.42 -0.42	29.53 0.20 -0.37	36.24 0.31 -0.72	26.20 0.23 -0.15
HIGH FALLS___HY 23754	22.12 0.97 0.00	23.44 1.10 0.00	24.26 1.05 0.00	22.70 0.92 0.00	22.53 0.87 0.00	22.36 0.95 0.00	31.15 1.62 0.00	43.12 2.49 0.00	60.70 3.07 0.00	37.05 1.98 0.00	27.15 1.34 0.00	25.44 1.15 0.00	25.28 1.04 0.00	27.10 1.16 0.00	29.07 1.40 0.00	33.31 1.59 0.00	28.94 1.45 0.00	39.09 1.97 0.00	73.77 3.60 0.00	44.33 2.27 0.00	31.16 1.42 0.00	30.21 1.26 0.00	36.88 1.67 0.00	27.04 1.22 0.00
HIGH_RIVER___SOLAR 323847	21.96 0.81 0.00	23.27 0.93 0.00	24.19 0.97 0.00	22.68 0.90 0.00	22.55 0.90 0.00	22.33 0.92 0.00	30.93 1.39 0.00	42.61 1.98 0.00	59.58 1.95 0.00	35.69 0.62 0.00	26.40 0.59 0.00	24.66 0.38 0.00	24.65 0.42 0.00	26.31 0.36 0.00	28.05 0.38 0.00	32.43 0.71 0.00	28.24 0.76 0.00	38.63 1.51 0.00	73.26 3.09 0.00	44.06 1.99 0.00	31.09 1.35 0.00	30.20 1.25 0.00	36.63 1.41 0.00	26.79 0.98 0.00

HILLBURN___GT 23639	21.89 0.74 0.00	23.24 0.89 0.00	24.03 0.82 0.00	22.46 0.68 0.00	22.30 0.65 0.00	22.13 0.72 0.00	30.88 1.34 0.00	42.77 2.13 0.00	60.00 2.38 0.00	36.64 1.57 0.00	26.93 1.13 0.00	25.29 1.01 0.00	23.74 0.89 1.38	26.93 0.99 0.00	28.85 1.18 0.00	33.09 1.37 0.00	20.42 1.19 8.25	38.71 1.59 0.00	72.90 2.73 0.00	23.30 1.72 20.48	-35.30 1.00 66.04	20.16 0.87 9.66	35.99 1.22 0.45	21.96 0.90 4.75
HILLSIDE_115KV_TB1 80332	20.30 -0.85 0.00	21.50 -0.84 0.00	22.11 -1.11 0.00	20.92 -0.86 0.00	20.80 -0.85 0.00	20.83 -0.58 0.00	29.09 -0.45 0.00	39.62 -1.01 0.00	56.04 -1.58 0.00	34.54 -0.53 0.00	25.40 -0.41 0.00	24.52 0.08 -0.16	24.64 0.30 -0.10	26.73 0.61 -0.18	28.37 0.45 -0.25	32.23 0.07 -0.44	27.41 -0.35 -0.28	39.30 -0.46 -2.63	108.04 0.36 -37.50	49.36 0.11 -7.19	30.27 0.09 -0.44	29.24 -0.11 -0.39	35.91 -0.06 -0.75	25.92 -0.06 -0.16
HISHELDN_WT_PWR 323625	20.76 -0.39 0.00	21.76 -0.58 0.00	22.50 -0.72 0.00	21.20 -0.58 0.00	21.09 -0.56 0.00	21.04 -0.37 0.00	29.21 -0.33 0.00	39.81 -0.82 0.00	56.55 -1.08 0.00	34.75 -0.32 0.00	25.76 -0.05 0.00	24.47 0.18 0.00	24.68 0.45 0.00	26.54 0.59 0.00	28.16 0.50 0.00	31.87 0.15 0.00	27.18 -0.30 0.00	41.41 -0.60 -4.89	174.92 0.60 -104.15	58.06 0.14 -15.86	29.62 -0.12 0.00	28.68 -0.27 0.00	35.09 -0.12 0.00	26.01 0.20 0.00
HOLTSVILLE_IC_1 23690	22.41 1.26 0.00	23.70 1.36 0.00	24.51 1.29 0.00	22.93 1.15 0.00	22.75 1.09 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.15 2.52 0.00	60.97 3.34 0.00	37.05 1.98 0.00	27.35 1.54 0.00	25.62 1.34 0.00	26.59 1.30 -1.05	27.32 1.37 0.00	29.20 1.54 0.00	33.51 1.79 0.00	33.95 1.53 -4.94	37.77 1.97 1.32	39.35 3.17 34.00	71.59 1.97 -27.55	58.12 1.22 -27.17	36.38 1.15 -6.28	37.32 1.61 -0.50	32.59 1.50 -5.28
HOLTSVILLE_IC_10 23699	22.50 1.35 0.00	23.78 1.44 0.00	24.59 1.37 0.00	23.01 1.23 0.00	22.83 1.17 0.00	22.55 1.14 0.00	31.41 1.87 0.00	43.34 2.70 0.00	61.21 3.58 0.00	37.19 2.12 0.00	27.44 1.63 0.00	25.71 1.43 0.00	26.67 1.38 -1.05	27.40 1.45 0.00	29.30 1.64 0.00	33.62 1.90 0.00	34.10 1.66 -4.96	37.97 2.16 1.31	39.98 3.53 33.72	71.84 2.21 -27.57	58.85 1.37 -27.75	36.58 1.31 -6.32	37.49 1.78 -0.50	32.71 1.62 -5.28
HOLTSVILLE_IC_2 23691	22.41 1.26 0.00	23.70 1.36 0.00	24.51 1.29 0.00	22.93 1.15 0.00	22.75 1.09 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.15 2.52 0.00	60.97 3.34 0.00	37.05 1.98 0.00	27.35 1.54 0.00	25.62 1.34 0.00	26.59 1.30 -1.05	27.32 1.37 0.00	29.20 1.54 0.00	33.51 1.79 0.00	33.95 1.53 -4.94	37.77 1.97 1.32	39.35 3.17 34.00	71.59 1.97 -27.55	58.12 1.22 -27.17	36.38 1.15 -6.28	37.32 1.61 -0.50	32.59 1.50 -5.28
HOLTSVILLE_IC_3 23692	22.41 1.26 0.00	23.70 1.36 0.00	24.51 1.29 0.00	22.93 1.15 0.00	22.75 1.09 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.15 2.52 0.00	60.97 3.34 0.00	37.05 1.98 0.00	27.35 1.54 0.00	25.62 1.34 0.00	26.59 1.30 -1.05	27.32 1.37 0.00	29.20 1.54 0.00	33.51 1.79 0.00	33.95 1.53 -4.94	37.77 1.97 1.32	39.35 3.17 34.00	71.59 1.97 -27.55	58.12 1.22 -27.17	36.38 1.15 -6.28	37.32 1.61 -0.50	32.59 1.50 -5.28
HOLTSVILLE_IC_4 23693	22.41 1.26 0.00	23.70 1.36 0.00	24.51 1.29 0.00	22.93 1.15 0.00	22.75 1.09 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.15 2.52 0.00	60.97 3.34 0.00	37.05 1.98 0.00	27.35 1.54 0.00	25.62 1.34 0.00	26.59 1.30 -1.05	27.32 1.37 0.00	29.20 1.54 0.00	33.51 1.79 0.00	33.95 1.53 -4.94	37.77 1.97 1.32	39.35 3.17 34.00	71.59 1.97 -27.55	58.12 1.22 -27.17	36.38 1.15 -6.28	37.32 1.61 -0.50	32.59 1.50 -5.28
HOLTSVILLE_IC_5 23694	22.41 1.26 0.00	23.70 1.36 0.00	24.51 1.29 0.00	22.93 1.15 0.00	22.75 1.09 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.15 2.52 0.00	60.97 3.34 0.00	37.05 1.98 0.00	27.35 1.54 0.00	25.62 1.34 0.00	26.59 1.30 -1.05	27.32 1.37 0.00	29.20 1.54 0.00	33.51 1.79 0.00	33.95 1.53 -4.94	37.77 1.97 1.32	39.35 3.17 34.00	71.59 1.97 -27.55	58.12 1.22 -27.17	36.38 1.15 -6.28	37.32 1.61 -0.50	32.59 1.50 -5.28
HOLTSVILLE_IC_6 23695	22.50 1.35 0.00	23.78 1.44 0.00	24.59 1.37 0.00	23.01 1.23 0.00	22.83 1.17 0.00	22.55 1.14 0.00	31.41 1.87 0.00	43.34 2.70 0.00	61.21 3.58 0.00	37.19 2.12 0.00	27.44 1.63 0.00	25.71 1.43 0.00	26.67 1.38 -1.05	27.40 1.45 0.00	29.30 1.64 0.00	33.62 1.90 0.00	34.10 1.66 -4.96	37.97 2.16 1.31	39.98 3.53 33.72	71.84 2.21 -27.57	58.85 1.37 -27.75	36.58 1.31 -6.32	37.49 1.78 -0.50	32.71 1.62 -5.28
HOLTSVILLE_IC_7 23696	22.50 1.35 0.00	23.78 1.44 0.00	24.59 1.37 0.00	23.01 1.23 0.00	22.83 1.17 0.00	22.55 1.14 0.00	31.41 1.87 0.00	43.34 2.70 0.00	61.21 3.58 0.00	37.19 2.12 0.00	27.44 1.63 0.00	25.71 1.43 0.00	26.67 1.38 -1.05	27.40 1.45 0.00	29.30 1.64 0.00	33.62 1.90 0.00	34.10 1.66 -4.96	37.97 2.16 1.31	39.98 3.53 33.72	71.84 2.21 -27.57	58.85 1.37 -27.75	36.58 1.31 -6.32	37.49 1.78 -0.50	32.71 1.62 -5.28
HOLTSVILLE_IC_8 23697	22.50 1.35 0.00	23.78 1.44 0.00	24.59 1.37 0.00	23.01 1.23 0.00	22.83 1.17 0.00	22.55 1.14 0.00	31.41 1.87 0.00	43.34 2.70 0.00	61.21 3.58 0.00	37.19 2.12 0.00	27.44 1.63 0.00	25.71 1.43 0.00	26.67 1.38 -1.05	27.40 1.45 0.00	29.30 1.64 0.00	33.62 1.90 0.00	34.10 1.66 -4.96	37.97 2.16 1.31	39.98 3.53 33.72	71.84 2.21 -27.57	58.85 1.37 -27.75	36.58 1.31 -6.32	37.49 1.78 -0.50	32.71 1.62 -5.28
HOLTSVILLE_IC_9 23698	22.50 1.35 0.00	23.78 1.44 0.00	24.59 1.37 0.00	23.01 1.23 0.00	22.83 1.17 0.00	22.55 1.14 0.00	31.41 1.87 0.00	43.34 2.70 0.00	61.21 3.58 0.00	37.19 2.12 0.00	27.44 1.63 0.00	25.71 1.43 0.00	26.67 1.38 -1.05	27.40 1.45 0.00	29.30 1.64 0.00	33.62 1.90 0.00	34.10 1.66 -4.96	37.97 2.16 1.31	39.98 3.53 33.72	71.84 2.21 -27.57	58.85 1.37 -27.75	36.58 1.31 -6.32	37.49 1.78 -0.50	32.71 1.62 -5.28
HOMER_HL_115KV_TB2 355744	21.27 0.12 0.00	22.46 0.12 0.00	23.14 -0.07 0.00	21.81 0.04 0.00	21.71 0.06 0.00	21.68 0.27 0.00	30.04 0.50 0.00	41.13 0.49 0.00	57.97 0.34 0.00	35.89 0.82 0.00	26.60 0.79 0.00	25.33 1.05 0.00	25.52 1.29 0.00	27.42 1.47 0.00	29.05 1.39 0.00	33.02 1.30 0.00	27.94 0.46 0.00	45.17 0.02 -8.03	222.56 1.68 -150.72	70.78 0.79 -27.92	30.26 0.53 0.00	29.29 0.34 0.00	36.04 0.83 0.00	26.69 0.88 0.00
HOWARD_WT_PWR 323690	20.61 -0.54 0.00	21.64 -0.70 0.00	22.33 -0.88 0.00	20.99 -0.79 0.00	20.82 -0.83 0.00	20.87 -0.54 0.00	28.99 -0.55 0.00	38.88 -1.75 0.00	55.31 -2.32 0.00	34.13 -0.94 0.00	25.30 -0.50 0.00	24.27 -0.12 -0.10	24.50 0.20 -0.07	26.49 0.42 -0.12	28.17 0.33 -0.16	31.94 -0.06 -0.29	27.12 -0.54 -0.17	40.43 -0.45 -3.76	136.14 1.13 -64.84	53.98 0.30 -11.61	30.23 0.20 -0.29	29.18 -0.03 -0.26	35.72 0.01 -0.50	25.84 -0.08 -0.11

HQ_GEN_CEDARS 23644	21.35 0.20 0.00	22.28 -0.06 0.00	23.23 0.01 0.00	21.73 -0.05 0.00	21.67 0.01 0.00	21.39 -0.03 0.00	29.29 -0.25 0.00	39.76 -0.87 0.00	56.94 -0.69 0.00	34.80 -0.27 0.00	25.68 -0.12 0.00	24.74 -0.09 -0.54	24.43 -0.16 -0.36	25.71 -0.24 0.00	28.51 -0.31 -1.15	31.39 -0.33 0.00	27.24 -0.24 0.00	36.73 -0.40 0.00	70.99 -0.99 -1.81	43.99 -0.64 -2.57	29.63 -0.28 -0.17	28.91 -0.04 0.00	35.28 0.07 0.00	25.94 0.13 0.00
HQ_GEN_CEDARS_PROXY 323590	21.35 0.20 0.00	22.28 -0.06 0.00	23.23 0.01 0.00	21.73 -0.05 0.00	21.67 0.01 0.00	21.39 -0.03 0.00	29.29 -0.25 0.00	39.77 -0.87 0.00	56.94 -0.69 0.00	34.80 -0.27 0.00	25.68 -0.12 0.00	24.74 -0.09 -0.54	24.43 -0.16 -0.36	25.71 -0.24 0.00	28.51 -0.31 -1.15	31.39 -0.32 0.00	27.24 -0.24 0.00	36.73 -0.40 0.00	70.99 -0.99 -1.81	43.99 -0.64 -2.57	29.63 -0.28 -0.17	28.91 -0.04 0.00	35.28 0.07 0.00	25.94 0.13 0.00
HQ_GEN_IMPORT 323601	21.16 0.01 0.00	22.26 -0.08 0.00	23.15 -0.07 0.00	21.69 -0.09 0.00	21.59 -0.07 0.00	21.34 -0.07 0.00	29.31 -0.23 0.00	40.14 -0.49 0.00	57.33 -0.30 0.00	34.92 -0.16 0.00	25.33 -0.10 0.38	24.22 -0.06 0.00	24.15 -0.08 0.00	25.84 -0.10 0.00	27.55 -0.11 0.00	31.59 -0.13 0.00	27.39 -0.09 0.00	36.33 -0.17 0.63	69.79 -0.39 0.00	55.36 -0.32 -13.61	33.28 -0.13 -3.68	28.90 -0.05 0.00	35.20 -0.01 0.00	25.82 0.00 0.00
HQ_GEN_WHEEL 23651	21.16 0.01 0.00	22.26 -0.08 0.00	23.15 -0.07 0.00	21.69 -0.09 0.00	21.59 -0.07 0.00	21.34 -0.07 0.00	29.31 -0.23 0.00	40.14 -0.49 0.00	57.33 -0.30 0.00	34.92 -0.16 0.00	25.33 -0.10 0.38	24.22 -0.06 0.00	24.15 -0.08 0.00	25.84 -0.10 0.00	27.55 -0.11 0.00	31.59 -0.13 0.00	27.39 -0.09 0.00	36.33 -0.17 0.63	69.79 -0.39 0.00	55.36 -0.32 -13.61	33.28 -0.13 -3.68	28.90 -0.05 0.00	35.20 -0.01 0.00	25.82 0.00 0.00
HUDSON AVE_GT_3 23810	22.33 1.18 0.00	23.66 1.31 0.00	24.47 1.26 0.00	22.87 1.09 0.00	22.69 1.04 0.00	22.50 1.09 0.00	31.33 1.80 0.00	43.33 2.70 0.00	60.94 3.32 0.00	37.33 2.26 0.00	27.55 1.74 0.00	25.98 1.60 -0.09	26.84 1.48 -1.13	27.56 1.62 0.00	29.50 1.83 -0.01	33.81 2.09 0.00	35.51 1.81 -6.22	39.44 2.32 0.00	74.01 3.84 0.00	73.98 2.42 -29.50	124.98 1.45 -93.78	41.03 1.36 -10.72	37.53 1.83 -0.50	32.43 1.34 -5.27
HUDSON AVE_GT_4 23540	22.33 1.18 0.00	23.66 1.31 0.00	24.47 1.26 0.00	22.87 1.09 0.00	22.69 1.04 0.00	22.50 1.09 0.00	31.33 1.80 0.00	43.33 2.70 0.00	60.94 3.32 0.00	37.33 2.26 0.00	27.55 1.74 0.00	25.98 1.60 -0.09	26.84 1.48 -1.13	27.56 1.62 0.00	29.50 1.83 -0.01	33.81 2.09 0.00	35.51 1.81 -6.22	39.44 2.32 0.00	74.01 3.84 0.00	73.98 2.42 -29.50	124.98 1.45 -93.78	41.03 1.36 -10.72	37.53 1.83 -0.50	32.43 1.34 -5.27
HUDSON AVE_GT_5 23657	22.33 1.18 0.00	23.66 1.31 0.00	24.47 1.26 0.00	22.87 1.09 0.00	22.69 1.04 0.00	22.50 1.09 0.00	31.33 1.80 0.00	43.33 2.70 0.00	60.94 3.32 0.00	37.33 2.26 0.00	27.55 1.74 0.00	25.98 1.60 -0.09	26.84 1.48 -1.13	27.56 1.62 0.00	29.50 1.83 -0.01	33.81 2.09 0.00	35.51 1.81 -6.22	39.44 2.32 0.00	74.01 3.84 0.00	73.98 2.42 -29.50	124.98 1.45 -93.78	41.03 1.36 -10.72	37.53 1.83 -0.50	32.43 1.34 -5.27
HUDSON_AVE_10 24168	22.24 1.09 0.00	23.57 1.23 0.00	24.36 1.15 0.00	-9.59 0.99 32.36	22.56 0.92 0.01	22.37 0.97 0.01	31.15 1.62 0.01	43.09 2.47 0.00	60.60 2.98 0.00	37.11 2.04 0.01	27.40 1.60 0.00	25.86 1.48 -0.09	26.70 1.34 -1.13	27.42 1.47 0.00	29.35 1.68 -0.01	33.63 1.91 0.00	35.33 1.65 -6.21	39.21 2.10 0.01	73.60 3.43 0.00	73.75 2.18 -29.50	124.82 1.30 -93.78	40.88 1.21 -10.72	37.34 1.64 -0.49	32.27 1.20 -5.26
HUDSON___115KV_TB 4 355613	21.73 0.58 0.00	23.07 0.73 0.00	24.01 0.80 0.00	22.50 0.72 0.00	22.41 0.76 0.00	22.17 0.77 0.00	30.81 1.27 0.00	42.65 2.02 0.00	59.83 2.20 0.00	35.85 0.78 0.00	26.27 0.46 0.00	24.68 0.39 0.00	24.55 0.32 0.00	26.25 0.30 0.00	27.96 0.30 0.00	32.29 0.58 0.00	28.08 0.60 0.00	38.42 1.30 0.00	72.96 2.79 0.00	43.95 1.89 0.00	30.98 1.25 0.00	30.08 1.13 0.00	36.30 1.09 0.00	26.45 0.64 0.00
HUNTER MOUNT___DRP 323613	21.84 0.69 0.00	23.18 0.84 0.00	24.15 0.93 0.00	22.63 0.85 0.00	22.55 0.90 0.00	22.31 0.90 0.00	31.00 1.46 0.00	42.94 2.31 0.00	60.20 2.57 0.00	35.91 0.84 0.00	26.28 0.47 0.00	24.71 0.43 0.00	24.59 0.36 0.00	26.28 0.33 0.00	27.97 0.30 0.00	32.30 0.58 0.00	28.15 0.66 0.00	38.63 1.51 0.00	73.57 3.40 0.00	44.32 2.25 0.00	31.25 1.52 0.00	30.33 1.38 0.00	36.52 1.31 0.00	26.58 0.76 0.00
HUNTINGTON_RES_REC 323705	22.29 1.15 0.00	23.60 1.26 0.00	24.41 1.20 0.00	22.84 1.06 0.00	22.66 1.01 0.00	22.32 0.91 0.00	31.06 1.52 0.00	42.90 2.27 0.00	60.59 2.97 0.00	36.84 1.77 0.00	27.26 1.45 0.00	25.52 1.23 0.00	26.49 1.21 -1.05	27.21 1.26 0.00	29.07 1.41 0.00	33.31 1.59 0.00	33.81 1.36 -4.96	37.55 1.74 1.31	39.29 2.69 33.57	71.36 1.72 -27.58	58.83 1.03 -28.06	36.27 0.97 -6.34	37.06 1.35 -0.50	32.42 1.33 -5.28
HUNTLEY___63 23557	20.98 -0.17 0.00	21.95 -0.39 0.00	22.70 -0.51 0.00	21.39 -0.39 0.00	21.31 -0.34 0.00	21.28 -0.13 0.00	29.51 -0.03 0.00	40.25 -0.38 0.00	57.21 -0.42 0.00	35.28 0.22 0.00	26.18 0.38 0.00	24.79 0.51 0.00	24.96 0.72 0.00	26.76 0.81 0.00	28.36 0.70 0.00	32.05 0.33 0.00	27.34 -0.14 0.00	39.61 -0.47 -2.96	127.47 0.97 -56.33	52.31 0.26 -9.98	29.68 -0.06 0.00	28.80 -0.15 0.00	35.32 0.11 0.00	26.37 0.56 0.00
HUNTLEY___64 23558	20.98 -0.17 0.00	21.95 -0.39 0.00	22.70 -0.51 0.00	21.39 -0.39 0.00	21.31 -0.34 0.00	21.28 -0.13 0.00	29.51 -0.03 0.00	40.25 -0.38 0.00	57.21 -0.42 0.00	35.28 0.22 0.00	26.18 0.38 0.00	24.79 0.51 0.00	24.96 0.72 0.00	26.76 0.81 0.00	28.36 0.70 0.00	32.05 0.33 0.00	27.34 -0.14 0.00	39.61 -0.47 -2.96	127.47 0.97 -56.33	52.31 0.26 -9.98	29.68 -0.06 0.00	28.80 -0.15 0.00	35.32 0.11 0.00	26.37 0.56 0.00
HUNTLEY___65 23559	20.98 -0.17 0.00	21.95 -0.39 0.00	22.70 -0.51 0.00	21.39 -0.39 0.00	21.31 -0.34 0.00	21.28 -0.13 0.00	29.51 -0.03 0.00	40.25 -0.38 0.00	57.21 -0.42 0.00	35.28 0.22 0.00	26.18 0.38 0.00	24.79 0.51 0.00	24.96 0.72 0.00	26.76 0.81 0.00	28.36 0.70 0.00	32.05 0.33 0.00	27.34 -0.14 0.00	39.61 -0.47 -2.96	127.47 0.97 -56.33	52.31 0.26 -9.98	29.68 -0.06 0.00	28.80 -0.15 0.00	35.32 0.11 0.00	26.37 0.56 0.00
HUNTLEY___66 23560	20.98 -0.17 0.00	21.95 -0.39 0.00	22.70 -0.51 0.00	21.39 -0.39 0.00	21.31 -0.34 0.00	21.28 -0.13 0.00	29.51 -0.03 0.00	40.25 -0.38 0.00	57.21 -0.42 0.00	35.28 0.22 0.00	26.18 0.38 0.00	24.79 0.51 0.00	24.96 0.72 0.00	26.76 0.81 0.00	28.36 0.70 0.00	32.05 0.33 0.00	27.34 -0.14 0.00	39.61 -0.47 -2.96	127.47 0.97 -56.33	52.31 0.26 -9.98	29.68 -0.06 0.00	28.80 -0.15 0.00	35.32 0.11 0.00	26.37 0.56 0.00



HUNTLEY___67 23561	20.82 -0.33 0.00	21.77 -0.57 0.00	22.53 -0.68 0.00	21.22 -0.55 0.00	21.14 -0.52 0.00	21.09 -0.32 0.00	29.24 -0.30 0.00	39.88 -0.75 0.00	56.65 -0.98 0.00	34.95 -0.12 0.00	25.92 0.12 0.00	24.55 0.26 0.00	24.73 0.50 0.00	26.52 0.57 0.00	28.15 0.48 0.00	31.85 0.13 0.00	27.18 -0.30 0.00	23.18 -0.64 13.30	-189.16 0.62 259.96	-3.07 0.00 45.13	29.45 -0.29 0.00	28.57 -0.38 0.00	35.07 -0.15 0.00	26.12 0.31 0.00
HUNTLEY___68 23562	20.82 -0.33 0.00	21.77 -0.57 0.00	22.53 -0.68 0.00	21.22 -0.55 0.00	21.14 -0.52 0.00	21.09 -0.32 0.00	29.24 -0.30 0.00	39.88 -0.75 0.00	56.65 -0.98 0.00	34.95 -0.12 0.00	25.92 0.12 0.00	24.55 0.26 0.00	24.73 0.50 0.00	26.52 0.57 0.00	28.15 0.48 0.00	31.85 0.13 0.00	27.18 -0.30 0.00	23.18 -0.64 13.30	-189.16 0.62 259.96	-3.07 0.00 45.13	29.45 -0.29 0.00	28.57 -0.38 0.00	35.07 -0.15 0.00	26.12 0.31 0.00
HYLAND___LFGE 323620	21.76 0.61 0.00	22.80 0.46 0.00	23.55 0.34 0.00	22.18 0.40 0.00	22.07 0.42 0.00	22.09 0.68 0.00	30.87 1.33 0.00	42.28 1.65 0.00	60.14 2.51 0.00	36.57 1.50 0.00	26.72 0.91 0.00	24.92 0.64 0.00	24.98 0.75 0.00	26.78 0.83 0.00	28.24 0.57 0.00	31.70 -0.02 0.00	26.81 -0.68 0.00	37.92 -0.71 -1.51	103.48 2.06 -31.25	48.54 1.49 -4.99	30.65 0.91 0.00	29.66 0.71 0.00	36.74 1.53 0.00	27.27 1.46 0.00
INDECK___CORINTH 23802	22.30 1.15 0.00	23.69 1.35 0.00	24.66 1.45 0.00	23.10 1.32 0.00	23.00 1.34 0.00	22.77 1.36 0.00	31.66 2.12 0.00	43.86 3.23 0.00	61.70 4.08 0.00	36.97 1.90 0.00	27.21 1.40 0.00	25.55 1.27 0.00	25.45 1.22 0.00	27.29 1.35 0.00	29.06 1.39 0.00	33.51 1.79 0.00	29.14 1.66 0.00	39.57 2.44 0.00	74.96 4.79 0.00	45.29 3.22 0.00	31.96 2.22 0.00	31.03 2.08 0.00	37.33 2.12 0.00	27.17 1.36 0.00
INDECK___ILION 23567	21.16 0.01 0.00	22.47 0.12 0.00	23.37 0.15 0.00	21.91 0.13 0.00	21.77 0.12 0.00	21.53 0.12 0.00	29.84 0.30 0.00	41.22 0.59 0.00	57.90 0.27 0.00	34.96 -0.11 0.00	25.71 -0.10 0.00	24.14 -0.14 0.00	24.09 -0.15 0.00	25.70 -0.24 0.00	27.43 -0.24 0.00	31.56 -0.16 0.00	27.48 0.00 0.00	37.38 0.25 0.00	70.82 0.65 0.00	42.54 0.47 0.00	30.00 0.26 0.00	29.17 0.22 0.00	35.30 0.09 0.00	25.78 -0.03 0.00
INDECK___OLEAN 23982	21.26 0.12 0.00	22.46 0.12 0.00	23.14 -0.07 0.00	21.81 0.04 0.00	21.71 0.06 0.00	21.68 0.27 0.00	30.04 0.50 0.00	41.13 0.49 0.00	57.96 0.34 0.00	35.89 0.82 0.00	26.60 0.79 0.00	25.33 1.05 0.00	25.52 1.29 0.00	27.42 1.48 0.00	29.06 1.39 0.00	33.02 1.30 0.00	27.94 0.46 0.00	45.19 0.04 -8.03	222.58 1.69 -150.72	70.80 0.81 -27.92	30.25 0.52 0.00	29.30 0.35 0.00	36.05 0.83 0.00	26.69 0.88 0.00
INDECK___OSWEGO 23783	20.67 -0.48 0.00	21.83 -0.51 0.00	22.64 -0.58 0.00	21.30 -0.48 0.00	21.16 -0.49 0.00	20.96 -0.45 0.00	28.97 -0.57 0.00	39.87 -0.76 0.00	56.45 -1.17 0.00	34.44 -0.63 0.00	25.35 -0.46 0.00	25.38 -0.45 -1.54	24.82 -0.42 -1.01	27.23 -0.45 -1.74	29.65 -0.52 -2.50	35.21 -0.79 -4.28	29.04 -0.81 -2.37	42.70 -1.11 -6.68	89.80 -1.83 -21.45	49.97 -1.08 -8.98	32.37 -0.80 -3.43	31.22 -0.77 -3.04	40.27 -0.79 -5.85	26.57 -0.49 -1.26
INDECK___YERKES 23781	21.00 -0.15 0.00	21.97 -0.37 0.00	22.73 -0.48 0.00	21.42 -0.36 0.00	21.33 -0.32 0.00	21.30 -0.11 0.00	29.54 0.00 0.00	40.30 -0.33 0.00	57.28 -0.35 0.00	35.33 0.26 0.00	26.21 0.41 0.00	24.83 0.54 0.00	24.99 0.75 0.00	26.80 0.86 0.00	28.40 0.74 0.00	32.10 0.38 0.00	27.38 -0.11 0.00	39.67 -0.42 -2.96	127.59 1.09 -56.33	52.38 0.34 -9.98	29.72 -0.02 0.00	28.84 -0.11 0.00	35.39 0.17 0.00	26.41 0.60 0.00
INDIAN POINT_GT_1 24139	22.00 0.86 0.00	23.34 1.00 0.00	24.16 0.95 0.00	22.59 0.81 0.00	22.42 0.77 0.00	22.23 0.82 0.00	30.97 1.43 0.00	42.86 2.22 0.00	60.26 2.63 0.00	36.80 1.73 0.00	27.08 1.28 0.00	25.43 1.15 0.00	33.50 1.04 -8.23	27.08 1.13 0.00	28.99 1.33 0.00	33.25 1.53 0.00	77.98 1.35 -49.15	38.88 1.76 0.00	73.11 2.94 0.00	192.10 1.87 -148.17	506.68 1.11 -475.83	90.33 0.99 -60.39	39.34 1.34 -2.79	56.49 0.99 -29.69
INDIAN POINT_GT_2 23659	22.00 0.86 0.00	23.34 1.00 0.00	24.16 0.95 0.00	22.59 0.81 0.00	22.42 0.77 0.00	22.23 0.82 0.00	30.97 1.43 0.00	42.86 2.22 0.00	60.26 2.63 0.00	36.80 1.73 0.00	27.08 1.28 0.00	25.43 1.15 0.00	33.50 1.04 -8.23	27.08 1.13 0.00	28.99 1.33 0.00	33.25 1.53 0.00	77.98 1.35 -49.15	38.88 1.76 0.00	73.11 2.94 0.00	192.10 1.87 -148.17	506.68 1.11 -475.83	90.33 0.99 -60.39	39.34 1.34 -2.79	56.49 0.99 -29.69
INDIAN POINT_GT_3 24019	22.00 0.86 0.00	23.34 1.00 0.00	24.16 0.95 0.00	22.59 0.81 0.00	22.42 0.77 0.00	22.23 0.82 0.00	30.97 1.43 0.00	42.86 2.22 0.00	60.26 2.63 0.00	36.80 1.73 0.00	27.08 1.28 0.00	25.43 1.15 0.00	33.50 1.04 -8.23	27.08 1.13 0.00	28.99 1.33 0.00	33.25 1.53 0.00	77.98 1.35 -49.15	38.88 1.76 0.00	73.11 2.94 0.00	192.10 1.87 -148.17	506.68 1.11 -475.83	90.33 0.99 -60.39	39.34 1.34 -2.79	56.49 0.99 -29.69
INDIAN POINT___2 23530	21.95 0.80 0.00	23.29 0.95 0.00	24.09 0.88 0.00	22.53 0.75 0.00	22.36 0.71 0.00	22.17 0.76 0.00	30.91 1.37 0.00	42.77 2.14 0.00	60.09 2.46 0.00	36.69 1.62 0.00	27.00 1.19 0.00	25.35 1.06 0.00	22.72 0.96 2.47	26.99 1.05 0.00	28.91 1.24 0.00	33.15 1.43 0.00	13.99 1.24 14.74	38.75 1.63 0.00	72.90 2.73 0.00	6.52 1.74 37.29	-89.36 1.03 120.13	12.77 0.91 17.08	35.68 1.26 0.79	18.35 0.94 8.40
INDIAN POINT___3 23531	22.08 0.93 0.00	23.41 1.07 0.00	24.24 1.03 0.00	22.68 0.90 0.00	22.50 0.85 0.00	22.30 0.89 0.00	31.04 1.50 0.00	42.95 2.32 0.00	60.42 2.80 0.00	36.90 1.83 0.00	27.16 1.36 0.00	25.50 1.22 0.00	26.61 1.12 -1.26	27.18 1.23 0.00	29.08 1.41 0.00	33.35 1.63 0.00	36.42 1.43 -7.51	38.98 1.86 0.00	73.23 3.06 0.00	79.95 1.96 -35.93	145.66 1.19 -114.74	41.49 1.08 -11.45	37.18 1.44 -0.53	32.50 1.06 -5.63
INGHAM_C_115KV_TB7 356103	21.07 -0.08 0.00	22.49 0.15 0.00	23.42 0.21 0.00	21.94 0.16 0.00	21.81 0.15 0.00	21.55 0.14 0.00	30.01 0.47 0.00	41.59 0.96 0.00	57.78 0.15 0.00	34.50 -0.57 0.00	25.34 -0.47 0.00	23.73 -0.55 0.00	23.67 -0.57 0.00	25.13 -0.82 0.00	26.84 -0.82 0.00	31.05 -0.67 0.00	27.24 -0.25 0.00	37.41 0.29 0.00	71.11 0.93 0.00	42.80 0.74 0.00	30.12 0.38 0.00	29.25 0.30 0.00	35.21 0.00 0.00	25.59 -0.22 0.00
IP CORINTH___1 23988	22.30 1.15 0.00	23.69 1.35 0.00	24.66 1.45 0.00	23.10 1.32 0.00	23.00 1.34 0.00	22.77 1.36 0.00	31.66 2.12 0.00	43.86 3.23 0.00	61.70 4.08 0.00	36.98 1.91 0.00	27.21 1.40 0.00	25.55 1.27 0.00	25.45 1.22 0.00	27.29 1.35 0.00	29.06 1.40 0.00	33.51 1.80 0.00	29.14 1.66 0.00	39.57 2.44 0.00	74.96 4.79 0.00	45.29 3.22 0.00	31.96 2.22 0.00	31.03 2.08 0.00	37.33 2.12 0.00	27.17 1.36 0.00

IP__TICONDEROGA 23804	23.06 1.91 0.00	24.65 2.31 0.00	25.76 2.55 0.00	24.03 2.25 0.00	23.95 2.30 0.00	23.75 2.34 0.00	33.26 3.73 0.00	46.09 5.46 0.00	64.80 7.18 0.00	38.11 3.05 0.00	28.27 2.46 0.00	26.52 2.23 0.00	26.38 2.15 0.00	28.51 2.57 0.00	30.34 2.67 0.00	35.12 3.40 0.00	30.44 2.96 0.00	41.06 3.93 0.00	78.10 7.93 0.00	47.85 5.78 0.00	33.90 4.17 0.00	32.91 3.96 0.00	39.03 3.82 0.00	28.16 2.35 0.00
ISLIP_RES_REC 323679	22.56 1.41 0.00	23.85 1.51 0.00	24.65 1.44 0.00	23.06 1.28 0.00	22.88 1.23 0.00	22.61 1.20 0.00	31.52 1.99 0.00	43.50 2.87 0.00	61.44 3.81 0.00	37.32 2.25 0.00	27.53 1.73 0.00	25.78 1.50 0.00	26.74 1.46 -1.05	27.48 1.53 0.00	29.39 1.72 0.00	33.74 2.02 0.00	34.22 1.77 -4.96	38.15 2.33 1.31	40.49 3.86 33.54	72.05 2.41 -27.58	59.37 1.50 -28.13	36.73 1.43 -6.35	37.63 1.92 -0.50	32.80 1.71 -5.28
JAMAICA__27_KV_LOAD 355505	22.34 1.19 0.00	23.68 1.34 0.00	24.44 1.23 0.00	-9.54 1.04 32.36	22.59 0.95 0.01	22.41 1.01 0.01	31.23 1.70 0.01	43.23 2.61 0.00	60.77 3.14 0.00	37.20 2.14 0.01	27.53 1.73 0.00	26.01 1.64 -0.09	26.82 1.46 -1.13	27.54 1.60 0.00	29.49 1.82 -0.01	33.78 2.06 0.00	35.43 1.73 -6.21	39.35 2.23 0.01	73.95 3.77 0.00	73.98 2.41 -29.50	124.95 1.43 -93.78	41.01 1.33 -10.72	37.49 1.79 -0.49	32.34 1.27 -5.26
JANIS__SOLAR 323808	21.87 0.72 0.00	23.04 0.69 0.00	23.97 0.76 0.00	22.49 0.71 0.00	22.37 0.72 0.00	22.28 0.87 0.00	30.90 1.36 0.00	42.64 2.00 0.00	60.30 2.67 0.00	36.67 1.60 0.00	26.90 1.09 0.00	25.54 0.99 -0.27	25.42 1.02 -0.17	27.45 1.21 -0.30	29.41 1.32 -0.43	33.78 1.32 -0.74	28.98 1.09 -0.41	40.91 1.78 -2.01	94.80 4.30 -20.33	48.96 2.44 -4.46	32.04 1.71 -0.60	30.97 1.49 -0.53	37.91 1.68 -1.01	27.20 1.17 -0.22
JARVIS____ 23743	21.17 0.02 0.00	22.40 0.06 0.00	23.28 0.07 0.00	21.85 0.07 0.00	21.71 0.06 0.00	21.46 0.05 0.00	29.66 0.12 0.00	40.87 0.23 0.00	57.80 0.18 0.00	35.14 0.07 0.00	25.85 0.05 0.00	24.31 0.02 0.00	24.26 0.02 0.00	25.97 0.02 0.00	27.69 0.03 0.00	31.77 0.05 0.00	27.53 0.04 0.00	37.20 0.07 0.00	70.32 0.15 0.00	42.19 0.13 0.00	29.80 0.06 0.00	29.01 0.06 0.00	35.25 0.04 0.00	25.82 0.01 0.00
JENNISON__1 23625	21.85 0.70 0.00	22.83 0.49 0.00	23.99 0.78 0.00	22.42 0.64 0.00	22.28 0.62 0.00	22.25 0.84 0.00	30.51 0.97 0.00	42.09 1.46 0.00	59.69 2.06 0.00	36.35 1.28 0.00	26.76 0.96 0.00	25.31 0.82 -0.21	25.23 0.86 -0.14	27.16 0.98 -0.23	29.01 1.01 -0.34	33.32 1.02 -0.58	28.73 0.93 -0.32	40.22 1.41 -1.69	91.75 3.15 -18.43	47.56 1.56 -3.94	31.47 1.27 -0.46	30.52 1.16 -0.40	37.31 1.32 -0.78	27.05 1.07 -0.17
JENNISON__2 23626	21.85 0.70 0.00	22.83 0.49 0.00	23.99 0.78 0.00	22.42 0.64 0.00	22.28 0.62 0.00	22.25 0.84 0.00	30.51 0.97 0.00	42.09 1.46 0.00	59.69 2.06 0.00	36.35 1.28 0.00	26.76 0.96 0.00	25.31 0.82 -0.21	25.23 0.86 -0.14	27.16 0.98 -0.23	29.01 1.01 -0.34	33.32 1.02 -0.58	28.73 0.93 -0.32	40.22 1.41 -1.69	91.75 3.15 -18.43	47.56 1.56 -3.94	31.47 1.27 -0.46	30.52 1.16 -0.40	37.31 1.32 -0.78	27.05 1.07 -0.17
JERICHO_RISE_WT_PWR 323719	20.92 -0.23 0.00	21.93 -0.41 0.00	22.88 -0.33 0.00	21.34 -0.44 0.00	21.30 -0.35 0.00	21.01 -0.40 0.00	28.72 -0.82 0.00	38.83 -1.81 0.00	55.52 -2.10 0.00	33.93 -1.13 0.00	24.99 -0.81 0.00	11.70 -0.73 11.85	15.56 -0.78 7.89	25.07 -0.87 0.00	1.25 -1.01 25.40	30.74 -0.99 0.00	26.84 -0.64 0.00	35.99 -1.13 0.00	27.38 -2.80 40.00	-16.28 -1.73 56.61	25.01 -0.95 3.77	28.43 -0.52 0.00	34.77 -0.45 0.00	25.46 -0.35 0.00
KATONAH__115KV_46KV_TB4 355592	22.15 1.00 0.00	23.49 1.15 0.00	24.33 1.12 0.00	22.76 0.98 0.00	22.60 0.94 0.00	22.40 0.99 0.00	31.19 1.65 0.00	43.16 2.53 0.00	60.75 3.13 0.00	37.09 2.02 0.00	27.29 1.48 0.00	25.63 1.34 0.00	26.19 1.24 -0.72	27.30 1.36 0.00	29.21 1.55 0.00	33.52 1.80 0.00	33.38 1.58 -4.32	39.20 2.07 0.00	73.67 3.50 0.00	56.55 2.23 -12.26	70.89 1.38 -39.78	37.29 1.25 -7.08	37.15 1.61 -0.33	30.47 1.18 -3.48
KCE_NY_1 323755	22.10 0.95 0.00	23.46 1.12 0.00	24.41 1.19 0.00	22.88 1.10 0.00	22.76 1.11 0.00	22.55 1.14 0.00	31.29 1.75 0.00	43.26 2.63 0.00	60.87 3.24 0.00	36.62 1.54 0.00	26.88 1.08 0.00	25.24 0.96 0.00	25.17 0.94 0.00	26.97 1.02 0.00	28.74 1.08 0.00	33.10 1.38 0.00	28.78 1.30 0.00	39.09 1.97 0.00	73.96 3.79 0.00	44.56 2.49 0.00	31.45 1.71 0.00	30.54 1.60 0.00	36.88 1.67 0.00	26.90 1.08 0.00
KCE_NY_6_ESR 323823	21.05 -0.10 0.00	22.01 -0.33 0.00	22.77 -0.44 0.00	21.46 -0.32 0.00	21.35 -0.31 0.00	21.33 -0.08 0.00	29.60 0.06 0.00	40.44 -0.19 0.00	57.38 -0.25 0.00	35.37 0.30 0.00	26.22 0.42 0.00	24.86 0.57 0.00	25.04 0.81 0.00	26.86 0.92 0.00	28.51 0.84 0.00	32.27 0.55 0.00	27.52 0.04 0.00	47.08 -0.27 -10.23	266.90 1.25 -195.48	77.24 0.52 -34.65	29.92 0.18 0.00	29.00 0.05 0.00	35.53 0.32 0.00	26.41 0.60 0.00
KEDC_PORT_JEFF_GT2 24210	22.46 1.31 0.00	23.75 1.41 0.00	24.56 1.34 0.00	22.98 1.20 0.00	22.80 1.14 0.00	22.51 1.10 0.00	31.36 1.82 0.00	43.27 2.64 0.00	61.12 3.49 0.00	37.14 2.07 0.00	27.41 1.60 0.00	25.68 1.40 0.00	26.64 1.36 -1.05	27.37 1.43 0.00	29.27 1.60 0.00	33.58 1.86 0.00	34.04 1.61 -4.95	37.79 1.98 1.32	39.37 3.01 33.81	71.53 1.90 -27.56	58.46 1.16 -27.56	36.52 1.26 -6.31	37.43 1.72 -0.50	32.67 1.58 -5.28
KEDC_PORT_JEFF_GT3 24211	22.46 1.31 0.00	23.75 1.41 0.00	24.56 1.34 0.00	22.98 1.20 0.00	22.80 1.14 0.00	22.51 1.10 0.00	31.36 1.82 0.00	43.27 2.64 0.00	61.12 3.49 0.00	37.14 2.07 0.00	27.41 1.60 0.00	25.68 1.40 0.00	26.64 1.36 -1.05	27.37 1.43 0.00	29.27 1.60 0.00	33.58 1.86 0.00	34.04 1.61 -4.95	37.79 1.98 1.32	39.37 3.01 33.81	71.53 1.90 -27.56	58.46 1.16 -27.56	36.52 1.26 -6.31	37.43 1.72 -0.50	32.67 1.58 -5.28
KEDC_GLWD_GT4 24219	22.34 1.19 0.00	23.65 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.70 1.05 0.00	22.47 1.06 0.00	31.32 1.78 0.00	43.33 2.70 0.00	60.97 3.35 0.00	37.21 2.14 0.00	27.46 1.65 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.48 1.53 0.00	29.40 1.73 0.00	33.73 2.01 0.00	35.00 1.72 -5.80	38.81 2.17 0.49	60.99 3.57 12.75	73.07 2.22 -28.79	101.70 1.42 -70.54	39.41 1.31 -9.14	37.46 1.75 -0.50	32.51 1.42 -5.28
KEDC_GLWD_GT5 24220	22.34 1.19 0.00	23.65 1.31 0.00	24.46 1.25 0.00	22.88 1.10 0.00	22.70 1.05 0.00	22.47 1.06 0.00	31.32 1.78 0.00	43.33 2.70 0.00	60.97 3.35 0.00	37.21 2.14 0.00	27.46 1.65 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.48 1.53 0.00	29.40 1.73 0.00	33.73 2.01 0.00	35.00 1.72 -5.80	38.81 2.17 0.49	60.99 3.57 12.75	73.07 2.22 -28.79	101.70 1.42 -70.54	39.41 1.31 -9.14	37.46 1.75 -0.50	32.51 1.42 -5.28

KENSICO____ 23655	22.11 0.96 0.00	23.44 1.10 0.00	24.27 1.05 0.00	22.69 0.91 0.00	22.52 0.87 0.00	22.33 0.92 0.00	31.08 1.55 0.00	43.01 2.38 0.00	60.50 2.87 0.00	36.96 1.89 0.00	27.21 1.41 0.00	25.55 1.27 0.00	26.54 1.17 -1.14	27.23 1.28 0.00	29.13 1.47 0.00	33.41 1.69 0.00	35.76 1.48 -6.79	39.04 1.92 0.00	73.35 3.17 0.00	76.52 2.01 -32.45	134.72 1.22 -103.77	41.03 1.12 -10.96	37.20 1.48 -0.51	32.30 1.10 -5.39
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.12 0.97 0.00	23.44 1.10 0.00	24.27 1.06 0.00	22.72 0.93 0.00	22.55 0.89 0.00	22.37 0.96 0.00	31.17 1.63 0.00	43.14 2.51 0.00	60.68 3.05 0.00	36.96 1.89 0.00	27.09 1.29 0.00	25.39 1.11 0.00	25.24 1.01 0.00	27.06 1.12 0.00	29.02 1.35 0.00	33.25 1.54 0.00	28.87 1.39 0.00	39.07 1.95 0.00	73.81 3.64 0.00	44.37 2.31 0.00	31.19 1.46 0.00	30.25 1.30 0.00	36.89 1.68 0.00	27.02 1.21 0.00
KIAC_JFK_GT1 23816	22.22 1.07 0.00	23.55 1.21 0.00	24.31 1.10 0.00	-9.65 0.93 32.36	22.47 0.82 0.01	22.22 0.82 0.01	30.92 1.39 0.01	42.79 2.16 0.00	60.17 2.54 0.00	36.89 1.83 0.01	27.37 1.57 0.00	25.87 1.49 -0.09	26.68 1.32 -1.13	27.39 1.44 0.00	29.32 1.65 -0.01	33.56 1.84 0.00	35.15 1.45 -6.21	38.96 1.84 0.01	73.18 3.00 0.00	73.52 1.95 -29.50	124.63 1.11 -93.78	40.70 1.03 -10.72	37.12 1.42 -0.49	32.16 1.09 -5.26
KIAC_JFK_GT2 23817	22.22 1.07 0.00	23.55 1.21 0.00	24.31 1.10 0.00	-9.65 0.93 32.36	22.47 0.82 0.01	22.22 0.82 0.01	30.92 1.39 0.01	42.79 2.16 0.00	60.17 2.54 0.00	36.89 1.83 0.01	27.37 1.57 0.00	25.87 1.49 -0.09	26.68 1.32 -1.13	27.39 1.44 0.00	29.32 1.65 -0.01	33.56 1.84 0.00	35.15 1.45 -6.21	38.96 1.84 0.01	73.18 3.00 0.00	73.52 1.95 -29.50	124.63 1.11 -93.78	40.70 1.03 -10.72	37.12 1.42 -0.49	32.16 1.09 -5.26
KIAC_JFK____ 323774	22.22 1.07 0.00	23.55 1.21 0.00	24.31 1.10 0.00	-9.65 0.93 32.36	22.47 0.82 0.01	22.22 0.82 0.01	30.92 1.39 0.01	42.79 2.16 0.00	60.17 2.54 0.00	36.89 1.83 0.01	27.38 1.57 0.00	25.86 1.49 -0.09	26.69 1.32 -1.13	27.40 1.45 0.00	29.33 1.65 -0.01	33.56 1.84 0.00	35.15 1.45 -6.21	38.95 1.84 0.01	73.18 3.00 0.00	73.51 1.94 -29.50	124.63 1.11 -93.78	40.70 1.03 -10.72	37.12 1.42 -0.49	32.16 1.09 -5.26
KINTIGH____ 23543	20.83 -0.32 0.00	21.82 -0.52 0.00	22.59 -0.62 0.00	21.27 -0.51 0.00	21.18 -0.47 0.00	21.11 -0.30 0.00	29.24 -0.30 0.00	39.96 -0.67 0.00	56.68 -0.95 0.00	34.92 -0.15 0.00	25.89 0.09 0.00	24.48 0.20 0.00	24.63 0.39 0.00	26.37 0.43 0.00	28.01 0.35 0.00	31.78 0.07 0.00	27.17 -0.31 0.00	34.06 -0.66 2.40	23.52 0.20 46.85	33.66 -0.20 8.20	29.32 -0.42 0.00	28.52 -0.44 0.00	34.98 -0.23 0.00	26.01 0.20 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.05 -0.10 0.00	22.17 -0.18 0.00	23.18 -0.04 0.00	21.52 -0.25 0.00	21.49 -0.17 0.00	21.20 -0.21 0.00	28.97 -0.56 0.00	38.95 -1.69 0.00	55.68 -1.95 0.00	34.04 -1.03 0.00	25.06 -0.75 0.00	12.23 -0.72 11.33	15.93 -0.76 7.54	25.12 -0.82 0.00	2.34 -1.03 24.29	30.87 -0.85 0.00	27.10 -0.39 0.00	36.24 -0.88 0.00	29.26 -2.67 38.25	-13.74 -1.67 54.14	25.32 -0.81 3.61	28.67 -0.28 0.00	35.04 -0.17 0.00	25.64 -0.17 0.00
LACHUTE____HYDRO 323717	23.06 1.91 0.00	24.65 2.31 0.00	25.76 2.55 0.00	24.03 2.26 0.00	23.95 2.30 0.00	23.75 2.34 0.00	33.27 3.73 0.00	46.09 5.46 0.00	64.80 7.18 0.00	38.11 3.05 0.00	28.27 2.46 0.00	26.52 2.23 0.00	26.38 2.15 0.00	28.51 2.57 0.00	30.34 2.67 0.00	35.12 3.40 0.00	30.44 2.95 0.00	41.06 3.94 0.00	78.10 7.92 0.00	47.85 5.78 0.00	33.90 4.17 0.00	32.91 3.96 0.00	39.03 3.82 0.00	28.16 2.35 0.00
LAWRNCV_115KV_TB1 80681	21.37 0.22 0.00	22.30 -0.04 0.00	23.25 0.03 0.00	21.74 -0.04 0.00	21.68 0.03 0.00	21.34 -0.07 0.00	29.18 -0.36 0.00	39.47 -1.16 0.00	56.49 -1.13 0.00	34.64 -0.43 0.00	25.64 -0.17 0.00	25.63 -0.14 -1.49	24.96 -0.26 -0.99	25.60 -0.46 -0.12	30.23 -0.58 -3.14	31.34 -0.66 -0.28	27.14 -0.50 -0.16	36.83 -0.74 -0.44	74.67 -1.62 -6.11	48.29 -1.01 -7.24	29.88 -0.52 -0.67	28.96 -0.20 -0.20	35.53 -0.07 -0.39	25.99 0.09 -0.08
LEDERLE____ 23769	21.95 0.80 0.00	23.29 0.95 0.00	24.09 0.88 0.00	22.52 0.74 0.00	22.36 0.70 0.00	22.20 0.78 0.00	30.96 1.43 0.00	42.88 2.25 0.00	60.17 2.55 0.00	36.74 1.67 0.00	27.01 1.21 0.00	25.36 1.08 0.00	23.71 0.96 1.49	27.01 1.07 0.00	28.93 1.27 0.00	33.18 1.47 0.00	19.89 1.27 8.87	38.85 1.73 0.00	73.14 2.97 0.00	21.85 1.87 22.09	-40.37 1.11 71.21	19.53 0.96 10.38	36.06 1.33 0.48	21.69 0.98 5.10
LIGHTRSE_115KV_TB6 355974	21.06 -0.09 0.00	22.23 -0.11 0.00	23.07 -0.14 0.00	21.69 -0.09 0.00	21.55 -0.10 0.00	21.36 -0.06 0.00	29.65 0.11 0.00	40.70 0.07 0.00	57.73 0.10 0.00	35.21 0.13 0.00	25.92 0.11 0.00	25.16 0.04 -0.83	24.76 -0.02 -0.54	26.81 -0.07 -0.94	28.91 -0.11 -1.35	33.89 -0.15 -2.32	28.59 -0.18 -1.28	40.53 -0.21 -3.62	81.76 -0.02 -11.61	46.92 0.00 -4.86	31.58 -0.01 -1.86	30.69 0.09 -1.65	38.44 0.07 -3.17	26.54 0.05 -0.68
LINDEN COGEN____ 23786	22.23 1.08 0.00	23.56 1.22 0.00	24.37 1.16 0.00	22.78 1.00 0.00	22.59 0.94 0.00	22.41 1.00 0.00	31.21 1.67 0.00	43.16 2.53 0.00	60.60 2.98 0.00	37.12 2.05 0.00	27.40 1.59 0.00	25.83 1.45 -0.09	26.69 1.32 -1.13	27.39 1.45 0.00	29.33 1.66 -0.01	33.61 1.89 0.00	35.34 1.63 -6.22	39.22 2.09 0.00	73.59 3.42 0.00	73.72 2.16 -29.50	124.80 1.28 -93.78	40.85 1.18 -10.72	37.36 1.65 -0.50	32.33 1.24 -5.27
LINDHRST_69_KV_BK1 356055	22.52 1.37 0.00	23.80 1.46 0.00	24.62 1.41 0.00	23.03 1.25 0.00	22.84 1.19 0.00	22.59 1.18 0.00	31.45 1.92 0.00	43.51 2.88 0.00	61.36 3.74 0.00	37.32 2.25 0.00	27.54 1.74 0.00	25.80 1.52 0.00	26.75 1.47 -1.05	27.51 1.56 0.00	29.40 1.74 0.00	33.75 2.03 0.00	34.34 1.72 -5.14	38.17 2.18 1.13	44.58 3.60 29.19	72.15 2.26 -27.82	68.46 1.45 -37.27	37.32 1.41 -6.95	37.64 1.93 -0.50	32.73 1.64 -5.28
LIPA_MISC_IPP 23656	22.55 1.40 0.00	23.83 1.49 0.00	24.63 1.42 0.00	23.06 1.28 0.00	22.88 1.22 0.00	22.61 1.20 0.00	31.48 1.94 0.00	43.41 2.78 0.00	61.30 3.68 0.00	37.24 2.17 0.00	27.45 1.64 0.00	25.71 1.43 0.00	26.67 1.38 -1.05	27.40 1.45 0.00	29.31 1.64 0.00	33.65 1.93 0.00	34.11 1.68 -4.95	38.04 2.24 1.32	40.00 3.77 33.95	71.97 2.34 -27.56	58.46 1.45 -27.28	36.61 1.37 -6.29	37.56 1.85 -0.50	32.70 1.61 -5.28
LISF____SOLAR 323691	22.59 1.44 0.00	23.87 1.53 0.00	24.67 1.46 0.00	23.10 1.32 0.00	22.92 1.26 0.00	22.65 1.24 0.00	31.54 2.00 0.00	43.49 2.86 0.00	61.42 3.79 0.00	37.28 2.21 0.00	27.49 1.68 0.00	25.74 1.46 0.00	26.69 1.41 -1.05	27.42 1.48 0.00	29.34 1.67 0.00	33.70 1.98 0.00	34.16 1.73 -4.95	38.13 2.32 1.32	40.23 3.96 33.90	72.08 2.45 -27.56	58.64 1.53 -27.38	36.68 1.43 -6.30	37.63 1.92 -0.50	32.75 1.66 -5.28

LITTLE FALLS___HYD 24013	21.07 -0.08 0.00	22.49 0.15 0.00	23.42 0.21 0.00	21.94 0.16 0.00	21.81 0.15 0.00	21.55 0.14 0.00	30.01 0.47 0.00	41.59 0.96 0.00	57.78 0.15 0.00	34.50 -0.57 0.00	25.34 -0.47 0.00	23.73 -0.55 0.00	23.67 -0.57 0.00	25.13 -0.82 0.00	26.84 -0.82 0.00	31.05 -0.67 0.00	27.24 -0.25 0.00	37.41 0.29 0.00	71.11 0.93 0.00	42.80 0.74 0.00	30.12 0.38 0.00	29.25 0.30 0.00	35.21 0.00 0.00	25.59 -0.22 0.00
LITTLRIV_115KV_TB1 356100	21.67 0.52 0.00	22.59 0.25 0.00	23.53 0.32 0.00	22.02 0.24 0.00	21.98 0.33 0.00	21.65 0.24 0.00	29.67 0.13 0.00	40.12 -0.51 0.00	57.41 -0.21 0.00	35.16 0.09 0.00	25.95 0.14 0.00	26.07 0.15 -1.64	25.27 -0.06 -1.09	25.86 -0.20 -0.12	30.89 -0.23 -3.46	31.80 -0.22 -0.30	27.58 -0.07 -0.17	37.45 -0.14 -0.47	76.48 -0.38 -6.69	49.75 -0.27 -7.95	30.46 -0.01 -0.73	29.46 0.29 -0.21	36.11 0.48 -0.41	26.37 0.47 -0.09
LI_NEWBRDGE___DRP 323616	22.22 1.07 0.00	23.52 1.18 0.00	24.33 1.11 0.00	22.75 0.97 0.00	22.58 0.92 0.00	22.33 0.92 0.00	31.09 1.55 0.00	42.99 2.36 0.00	60.55 2.92 0.00	36.93 1.86 0.00	27.25 1.45 0.00	25.57 1.28 0.00	26.50 1.22 -1.05	27.25 1.31 0.00	29.15 1.48 0.00	33.42 1.70 0.00	33.77 1.45 -4.84	37.53 1.83 1.43	36.47 2.90 36.60	71.30 1.83 -27.41	52.59 1.14 -21.71	35.93 1.06 -5.93	37.18 1.47 -0.50	32.33 1.24 -5.28
LOCKPORT_115KV_TB60_63_64 80432	20.78 -0.37 0.00	21.70 -0.64 0.00	22.45 -0.76 0.00	21.16 -0.62 0.00	21.08 -0.57 0.00	21.05 -0.36 0.00	29.19 -0.35 0.00	39.82 -0.81 0.00	56.57 -1.06 0.00	34.89 -0.18 0.00	25.90 0.10 0.00	24.50 0.22 0.00	24.62 0.39 0.00	26.37 0.43 0.00	28.01 0.35 0.00	31.67 -0.05 0.00	27.05 -0.44 0.00	37.12 -0.87 -0.86	87.26 0.31 -16.78	44.77 -0.12 -2.82	29.37 -0.37 0.00	28.52 -0.44 0.00	35.01 -0.21 0.00	26.11 0.30 0.00
LOCKPORT___CC1 323769	20.77 -0.38 0.00	21.70 -0.64 0.00	22.45 -0.77 0.00	21.15 -0.63 0.00	21.07 -0.58 0.00	21.04 -0.37 0.00	29.17 -0.37 0.00	39.78 -0.85 0.00	56.52 -1.10 0.00	34.87 -0.20 0.00	25.88 0.08 0.00	24.49 0.21 0.00	24.63 0.39 0.00	26.38 0.44 0.00	28.02 0.36 0.00	31.69 -0.03 0.00	27.05 -0.43 0.00	36.97 -0.86 -0.71	84.84 0.32 -14.35	44.22 -0.11 -2.27	29.35 -0.38 0.00	28.51 -0.44 0.00	35.00 -0.21 0.00	26.11 0.29 0.00
LOCKPORT___CC2 323770	20.77 -0.38 0.00	21.70 -0.64 0.00	22.45 -0.77 0.00	21.15 -0.63 0.00	21.07 -0.58 0.00	21.04 -0.37 0.00	29.17 -0.37 0.00	39.78 -0.85 0.00	56.52 -1.10 0.00	34.87 -0.20 0.00	25.88 0.08 0.00	24.49 0.21 0.00	24.63 0.39 0.00	26.38 0.44 0.00	28.02 0.36 0.00	31.69 -0.03 0.00	27.05 -0.43 0.00	36.97 -0.86 -0.71	84.84 0.32 -14.35	44.22 -0.11 -2.27	29.35 -0.38 0.00	28.51 -0.44 0.00	35.00 -0.21 0.00	26.11 0.29 0.00
LOCKPORT___CC3 323771	20.77 -0.38 0.00	21.70 -0.64 0.00	22.45 -0.77 0.00	21.15 -0.63 0.00	21.07 -0.58 0.00	21.04 -0.37 0.00	29.17 -0.37 0.00	39.78 -0.85 0.00	56.52 -1.10 0.00	34.87 -0.20 0.00	25.88 0.08 0.00	24.49 0.21 0.00	24.63 0.39 0.00	26.38 0.44 0.00	28.02 0.36 0.00	31.69 -0.03 0.00	27.05 -0.43 0.00	36.97 -0.86 -0.71	84.84 0.32 -14.35	44.22 -0.11 -2.27	29.35 -0.38 0.00	28.51 -0.44 0.00	35.00 -0.21 0.00	26.11 0.29 0.00
LONG_LAKE_PHOENIX 24014	20.76 -0.39 0.00	21.92 -0.43 0.00	22.73 -0.49 0.00	21.39 -0.39 0.00	21.25 -0.40 0.00	21.06 -0.35 0.00	29.12 -0.42 0.00	40.11 -0.52 0.00	56.76 -0.86 0.00	34.62 -0.44 0.00	25.49 -0.32 0.00	25.13 -0.32 -1.16	24.73 -0.27 -0.77	26.97 -0.29 -1.32	29.23 -0.32 -1.90	34.52 -0.45 -3.25	28.82 -0.46 -1.79	41.59 -0.60 -5.07	85.65 -0.79 -16.27	48.40 -0.47 -6.80	31.94 -0.40 -2.60	30.82 -0.44 -2.31	39.11 -0.53 -4.43	26.39 -0.38 -0.95
LOVETT___3 23632	21.85 0.70 0.00	23.18 0.84 0.00	23.98 0.77 0.00	22.42 0.64 0.00	22.25 0.60 0.00	22.08 0.68 0.00	30.80 1.26 0.00	42.64 2.01 0.00	59.83 2.21 0.00	36.53 1.46 0.00	26.86 1.05 0.00	25.21 0.93 0.00	23.54 0.81 1.51	26.85 0.90 0.00	28.76 1.10 0.00	32.99 1.27 0.00	19.56 1.10 9.02	38.60 1.47 0.00	72.66 2.49 0.00	21.16 1.58 22.49	-41.86 0.90 72.50	19.18 0.78 10.56	35.84 1.12 0.49	21.46 0.84 5.19
LOVETT___4 23642	21.85 0.70 0.00	23.18 0.84 0.00	23.98 0.77 0.00	22.42 0.64 0.00	22.25 0.60 0.00	22.08 0.68 0.00	30.80 1.26 0.00	42.64 2.01 0.00	59.83 2.21 0.00	36.53 1.46 0.00	26.86 1.05 0.00	25.21 0.93 0.00	23.54 0.81 1.51	26.85 0.90 0.00	28.76 1.10 0.00	32.99 1.27 0.00	19.56 1.10 9.02	38.60 1.47 0.00	72.66 2.49 0.00	21.16 1.58 22.49	-41.86 0.90 72.50	19.18 0.78 10.56	35.84 1.12 0.49	21.46 0.84 5.19
LOVETT___5 23593	21.85 0.70 0.00	23.18 0.84 0.00	23.98 0.77 0.00	22.42 0.64 0.00	22.25 0.60 0.00	22.08 0.68 0.00	30.80 1.26 0.00	42.64 2.01 0.00	59.83 2.21 0.00	36.53 1.46 0.00	26.86 1.05 0.00	25.21 0.93 0.00	23.54 0.81 1.51	26.85 0.90 0.00	28.76 1.10 0.00	32.99 1.27 0.00	19.56 1.10 9.02	38.60 1.47 0.00	72.66 2.49 0.00	21.16 1.58 22.49	-41.86 0.90 72.50	19.18 0.78 10.56	35.84 1.12 0.49	21.46 0.84 5.19
LOWER RAQUET___HYD 24057	21.37 0.22 0.00	22.30 -0.04 0.00	23.25 0.04 0.00	21.75 -0.03 0.00	21.69 0.04 0.00	21.33 -0.08 0.00	29.15 -0.39 0.00	39.37 -1.26 0.00	56.36 -1.27 0.00	34.59 -0.48 0.00	25.62 -0.18 0.00	25.90 -0.16 -1.78	25.11 -0.30 -1.18	25.55 -0.52 -0.13	30.75 -0.67 -3.75	31.27 -0.77 -0.32	27.08 -0.58 -0.18	36.78 -0.84 -0.50	75.58 -1.82 -7.23	49.56 -1.13 -8.62	29.92 -0.60 -0.79	28.94 -0.24 -0.23	35.54 -0.11 -0.44	25.99 0.08 -0.10
LOWER___HUDSON 24059	21.77 0.62 0.00	23.12 0.78 0.00	24.06 0.85 0.00	22.53 0.75 0.00	22.41 0.76 0.00	22.14 0.74 0.00	30.69 1.15 0.00	42.47 1.84 0.00	59.76 2.14 0.00	35.98 0.91 0.00	26.44 0.63 0.00	24.85 0.57 0.00	24.79 0.56 0.00	26.56 0.62 0.00	28.32 0.65 0.00	32.55 0.84 0.00	28.28 0.80 0.00	38.34 1.21 0.00	72.34 2.17 0.00	43.59 1.52 0.00	30.76 1.02 0.00	29.93 0.98 0.00	36.18 0.97 0.00	26.40 0.59 0.00
LOWVILLE_115KV_TB2 356335	21.61 0.46 0.00	22.83 0.49 0.00	23.76 0.55 0.00	22.25 0.47 0.00	22.11 0.46 0.00	21.85 0.43 0.00	30.47 0.93 0.00	41.96 1.33 0.00	59.64 2.01 0.00	36.23 1.16 0.00	26.68 0.87 0.00	25.74 0.73 -0.73	25.28 0.56 -0.48	26.69 0.46 -0.28	29.58 0.49 -1.43	33.07 0.65 -0.70	28.47 0.60 -0.39	39.10 0.88 -1.10	77.03 1.73 -5.13	46.78 0.98 -3.74	31.25 0.79 -0.71	30.43 0.98 -0.50	37.34 1.17 -0.96	26.81 0.80 -0.21
LUTHERFT_115KV_GLOB_FND_222 355753	22.12 0.96 0.00	23.47 1.13 0.00	24.42 1.21 0.00	22.89 1.11 0.00	22.77 1.12 0.00	22.54 1.13 0.00	31.28 1.74 0.00	43.25 2.62 0.00	60.82 3.19 0.00	36.57 1.51 0.00	26.89 1.09 0.00	25.25 0.97 0.00	25.18 0.94 0.00	26.97 1.03 0.00	28.73 1.07 0.00	33.10 1.38 0.00	28.79 1.31 0.00	39.09 1.97 0.00	73.95 3.78 0.00	44.55 2.48 0.00	31.43 1.70 0.00	30.54 1.59 0.00	36.88 1.67 0.00	26.90 1.09 0.00

LUTHERNY_35_KV_BK2 355980	22.10 0.95 0.00	23.46 1.12 0.00	24.41 1.19 0.00	22.88 1.10 0.00	22.76 1.11 0.00	22.55 1.14 0.00	31.29 1.75 0.00	43.26 2.63 0.00	60.87 3.24 0.00	36.62 1.55 0.00	26.88 1.08 0.00	25.24 0.96 0.00	25.17 0.94 0.00	26.97 1.02 0.00	28.74 1.08 0.00	33.10 1.38 0.00	28.78 1.30 0.00	39.09 1.97 0.00	73.96 3.79 0.00	44.56 2.50 0.00	31.45 1.72 0.00	30.55 1.60 0.00	36.88 1.66 0.00	26.90 1.08 0.00
LWR___OSWEGATCHIE_HYD 23850	21.50 0.35 0.00	22.57 0.23 0.00	23.50 0.29 0.00	22.01 0.23 0.00	21.90 0.25 0.00	21.60 0.19 0.00	29.86 0.32 0.00	40.75 0.12 0.00	58.07 0.44 0.00	35.45 0.38 0.00	26.18 0.38 0.00	25.93 0.30 -1.35	25.26 0.14 -0.90	26.15 -0.04 -0.25	30.32 -0.12 -2.77	32.25 -0.08 -0.61	27.82 -0.01 -0.34	38.10 0.02 -0.95	77.12 0.08 -6.87	48.76 0.02 -6.67	30.74 0.15 -0.85	29.79 0.41 -0.43	36.61 0.56 -0.83	26.46 0.47 -0.18
LYONS_FALL_HYD 23570	21.61 0.46 0.00	22.82 0.48 0.00	23.74 0.53 0.00	22.26 0.48 0.00	22.13 0.47 0.00	21.87 0.46 0.00	30.46 0.92 0.00	41.97 1.34 0.00	59.54 1.91 0.00	36.18 1.11 0.00	26.63 0.83 0.00	25.50 0.72 -0.50	25.18 0.62 -0.33	26.72 0.56 -0.21	29.23 0.59 -0.97	32.98 0.75 -0.52	28.44 0.67 -0.29	38.90 0.97 -0.80	75.77 1.95 -3.64	45.78 1.14 -2.58	31.09 0.84 -0.52	30.24 0.92 -0.37	36.99 1.08 -0.70	26.69 0.73 -0.15
MADISON___COUNTY_LFGE 323628	21.61 0.46 0.00	22.83 0.49 0.00	23.71 0.50 0.00	22.26 0.49 0.00	22.14 0.48 0.00	21.95 0.54 0.00	30.52 0.99 0.00	42.08 1.45 0.00	59.53 1.91 0.00	36.20 1.13 0.00	26.64 0.83 0.00	25.21 0.73 -0.20	25.12 0.76 -0.13	26.96 0.79 -0.22	28.81 0.83 -0.32	33.23 0.97 -0.55	28.63 0.85 -0.30	39.14 1.16 -0.86	75.38 2.46 -2.75	44.69 1.47 -1.15	31.14 0.97 -0.44	30.22 0.88 -0.39	36.96 0.99 -0.75	26.64 0.67 -0.16
MALONE___115KV_TB1 356076	21.24 0.09 0.00	22.22 -0.12 0.00	23.18 -0.03 0.00	21.63 -0.14 0.00	21.60 -0.06 0.00	21.29 -0.12 0.00	29.15 -0.39 0.00	39.46 -1.17 0.00	56.46 -1.16 0.00	34.56 -0.51 0.00	25.50 -0.30 0.00	31.17 -0.28 -7.16	28.66 -0.35 -4.77	25.50 -0.44 0.00	42.46 -0.57 -15.36	31.20 -0.51 0.00	27.21 -0.27 0.00	36.55 -0.57 0.00	92.79 -1.58 -24.19	75.32 -0.99 -34.25	31.56 -0.46 -2.28	28.86 -0.09 0.00	35.26 0.04 0.00	25.85 0.04 0.00
MAPLEWOD_115KV_TB3 80458	21.60 0.45 0.00	22.93 0.59 0.00	23.86 0.66 0.00	22.35 0.57 0.00	22.25 0.59 0.00	22.00 0.58 0.00	30.52 0.98 0.00	42.23 1.60 0.00	59.42 1.79 0.00	35.79 0.72 0.00	26.29 0.49 0.00	24.71 0.43 0.00	24.63 0.40 0.00	26.37 0.43 0.00	28.13 0.46 0.00	32.37 0.64 0.00	28.14 0.66 0.00	38.19 1.07 0.00	72.01 1.84 0.00	43.37 1.31 0.00	30.60 0.87 0.00	29.75 0.80 0.00	35.96 0.75 0.00	26.24 0.43 0.00
MAPLE_RIDGE_WT_1 323574	21.01 -0.14 0.00	22.12 -0.22 0.00	23.04 -0.17 0.00	21.56 -0.22 0.00	21.44 -0.21 0.00	21.15 -0.26 0.00	29.14 -0.39 0.00	39.92 -0.71 0.00	56.95 -0.68 0.00	34.70 -0.36 0.00	25.56 -0.25 0.00	24.06 -0.23 0.00	23.97 -0.26 0.00	25.60 -0.35 0.00	27.29 -0.38 0.00	31.35 -0.37 0.00	27.18 -0.31 0.00	36.64 -0.48 0.00	68.98 -1.20 0.00	41.26 -0.80 0.00	29.22 -0.52 0.00	28.61 -0.34 0.00	34.93 -0.28 0.00	25.56 -0.25 0.00
MAPLE_RIDGE_WT_2 323611	21.01 -0.14 0.00	22.12 -0.22 0.00	23.04 -0.17 0.00	21.56 -0.22 0.00	21.44 -0.21 0.00	21.15 -0.26 0.00	29.14 -0.39 0.00	39.92 -0.71 0.00	56.95 -0.68 0.00	34.70 -0.36 0.00	25.56 -0.25 0.00	24.06 -0.23 0.00	23.97 -0.26 0.00	25.60 -0.35 0.00	27.29 -0.38 0.00	31.35 -0.37 0.00	27.18 -0.31 0.00	36.64 -0.48 0.00	68.98 -1.20 0.00	41.26 -0.80 0.00	29.22 -0.52 0.00	28.61 -0.34 0.00	34.93 -0.28 0.00	25.56 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	20.90 -0.25 0.00	21.95 -0.39 0.00	22.92 -0.29 0.00	21.35 -0.43 0.00	21.30 -0.35 0.00	21.01 -0.40 0.00	28.72 -0.82 0.00	38.75 -1.89 0.00	55.36 -2.26 0.00	33.83 -1.24 0.00	24.92 -0.89 0.00	12.40 -0.82 11.06	16.00 -0.87 7.37	24.99 -0.96 0.00	2.83 -1.11 23.72	30.66 -1.06 0.00	26.82 -0.66 0.00	35.92 -1.20 0.00	29.80 -3.04 37.34	-12.65 -1.86 52.85	25.17 -1.05 3.52	28.38 -0.58 0.00	34.73 -0.49 0.00	25.45 -0.36 0.00
MARSHVLE_115KV_TB1 80742	22.38 1.23 0.00	23.63 1.30 0.00	24.53 1.31 0.00	23.02 1.24 0.00	22.90 1.25 0.00	22.71 1.31 0.00	31.42 1.89 0.00	43.06 2.43 0.00	60.43 2.80 0.00	36.74 1.67 0.00	27.22 1.41 0.00	25.50 1.22 0.00	25.54 1.31 0.00	27.16 1.22 0.00	28.93 1.26 0.00	33.30 1.58 0.00	28.93 1.45 0.00	39.34 2.22 0.00	74.85 4.67 0.00	44.90 2.84 0.00	31.65 1.92 0.00	30.80 1.85 0.00	37.51 2.30 0.00	27.53 1.72 0.00
MARSH_HILL_WT_PWR 323713	20.59 -0.55 0.00	21.63 -0.71 0.00	22.31 -0.90 0.00	20.98 -0.80 0.00	20.81 -0.84 0.00	20.85 -0.56 0.00	28.96 -0.58 0.00	38.87 -1.76 0.00	55.31 -2.32 0.00	34.11 -0.96 0.00	25.29 -0.51 0.00	24.14 -0.14 0.00	24.40 0.17 0.00	26.34 0.39 0.00	27.97 0.30 0.00	31.62 -0.10 0.00	27.04 -0.57 -0.12	40.54 -0.50 -3.92	139.81 1.00 -68.64	54.55 0.25 -12.24	30.17 0.16 -0.27	29.13 -0.07 -0.24	35.64 -0.04 -0.46	25.80 -0.11 -0.10
MCINTYRE_115KV_TB2 80467	21.80 0.66 0.00	22.71 0.37 0.00	23.65 0.44 0.00	22.13 0.35 0.00	22.11 0.46 0.00	21.82 0.41 0.00	29.93 0.39 0.00	40.51 -0.12 0.00	58.00 0.37 0.00	35.43 0.37 0.00	26.06 0.25 0.00	25.96 0.26 -1.42	25.20 0.03 -0.94	25.97 -0.09 -0.11	30.63 -0.02 -2.99	32.06 0.07 -0.27	27.83 0.20 -0.15	37.77 0.23 -0.43	76.38 0.39 -5.82	49.17 0.23 -6.88	30.71 0.34 -0.64	29.72 0.58 -0.19	36.37 0.79 -0.37	26.55 0.66 -0.08
MECO_____69_KV_BK1 80468	22.51 1.36 0.00	23.80 1.46 0.00	24.71 1.50 0.00	23.18 1.40 0.00	23.07 1.41 0.00	22.88 1.47 0.00	31.78 2.24 0.00	43.73 3.10 0.00	60.88 3.25 0.00	36.41 1.34 0.00	27.01 1.21 0.00	25.22 0.94 0.00	25.14 0.90 0.00	26.66 0.72 0.00	28.40 0.73 0.00	32.84 1.12 0.00	28.94 1.46 0.00	39.70 2.57 0.00	75.71 5.54 0.00	45.51 3.44 0.00	32.05 2.31 0.00	31.11 2.16 0.00	37.75 2.53 0.00	27.60 1.79 0.00
MENANDS___115KV_TB5 355628	21.46 0.31 0.00	22.79 0.45 0.00	23.72 0.51 0.00	22.21 0.43 0.00	22.12 0.47 0.00	21.86 0.45 0.00	30.31 0.78 0.00	41.96 1.33 0.00	59.03 1.40 0.00	35.59 0.52 0.00	26.15 0.34 0.00	24.58 0.29 0.00	24.50 0.27 0.00	26.23 0.28 0.00	27.98 0.31 0.00	32.19 0.47 0.00	27.98 0.50 0.00	37.93 0.81 0.00	71.47 1.29 0.00	43.05 0.98 0.00	30.37 0.64 0.00	29.53 0.58 0.00	35.70 0.49 0.00	26.07 0.25 0.00
MG INDUSTRY___DRP 24185	21.58 0.43 0.00	22.92 0.58 0.00	23.86 0.65 0.00	22.37 0.59 0.00	22.24 0.58 0.00	21.95 0.54 0.00	30.38 0.84 0.00	41.94 1.31 0.00	58.85 1.23 0.00	35.41 0.34 0.00	26.05 0.25 0.00	24.48 0.20 0.00	24.39 0.16 0.00	26.09 0.14 0.00	27.82 0.16 0.00	32.03 0.30 0.00	27.86 0.38 0.00	37.92 0.80 0.00	71.61 1.44 0.00	43.09 1.03 0.00	30.43 0.69 0.00	29.59 0.64 0.00	35.82 0.61 0.00	26.17 0.36 0.00

MID___OSWEGATCHIE_HYD 23849	21.50 0.35 0.00	22.57 0.23 0.00	23.50 0.29 0.00	22.01 0.23 0.00	21.90 0.25 0.00	21.60 0.19 0.00	29.86 0.32 0.00	40.75 0.12 0.00	58.07 0.44 0.00	35.45 0.38 0.00	26.18 0.38 0.00	25.93 0.30 -1.35	25.26 0.14 -0.90	26.15 -0.04 -0.25	30.32 -0.12 -2.77	32.25 -0.08 -0.61	27.82 -0.01 -0.34	38.10 0.02 -0.95	77.12 0.08 -6.87	48.76 0.02 -6.67	30.74 0.15 -0.85	29.79 0.41 -0.43	36.61 0.56 -0.83	26.46 0.47 -0.18
MID___RAQUETTE_HYD 23851	21.37 0.22 0.00	22.30 -0.04 0.00	23.25 0.04 0.00	21.75 -0.03 0.00	21.69 0.04 0.00	21.33 -0.08 0.00	29.15 -0.39 0.00	39.37 -1.26 0.00	56.36 -1.27 0.00	34.59 -0.48 0.00	25.62 -0.18 0.00	25.90 -0.16 -1.78	25.11 -0.30 -1.18	25.55 -0.52 -0.13	30.75 -0.67 -3.75	31.27 -0.77 -0.32	27.08 -0.58 -0.18	36.78 -0.84 -0.50	75.58 -1.82 -7.23	49.56 -1.12 -8.62	29.92 -0.60 -0.79	28.94 -0.24 -0.23	35.54 -0.11 -0.44	25.99 0.08 -0.10
MILLIKEN___1 23584	21.46 0.31 0.00	22.67 0.33 0.00	23.52 0.31 0.00	22.11 0.33 0.00	21.98 0.33 0.00	21.83 0.42 0.00	30.29 0.75 0.00	41.74 1.11 0.00	59.08 1.46 0.00	36.03 0.96 0.00	26.47 0.66 0.00	25.19 0.61 -0.30	25.10 0.67 -0.20	27.07 0.79 -0.34	28.97 0.82 -0.49	33.34 0.79 -0.83	28.60 0.65 -0.47	40.27 0.94 -2.20	94.10 2.42 -21.50	48.30 1.46 -4.78	31.38 0.96 -0.68	30.35 0.80 -0.60	37.29 0.91 -1.16	26.69 0.63 -0.25
MILLIKEN___2 23585	21.46 0.31 0.00	22.67 0.33 0.00	23.52 0.31 0.00	22.11 0.33 0.00	21.98 0.33 0.00	21.83 0.42 0.00	30.29 0.75 0.00	41.74 1.11 0.00	59.08 1.46 0.00	36.03 0.96 0.00	26.47 0.66 0.00	25.19 0.61 -0.30	25.10 0.67 -0.20	27.07 0.79 -0.34	28.97 0.82 -0.49	33.34 0.79 -0.83	28.60 0.65 -0.47	40.27 0.94 -2.20	94.10 2.42 -21.50	48.30 1.46 -4.78	31.38 0.96 -0.68	30.35 0.80 -0.60	37.29 0.91 -1.16	26.69 0.63 -0.25
MILLIKEN___DIESEL 23629	21.46 0.31 0.00	22.67 0.33 0.00	23.52 0.31 0.00	22.11 0.33 0.00	21.98 0.33 0.00	21.83 0.42 0.00	30.29 0.75 0.00	41.74 1.11 0.00	59.08 1.46 0.00	36.03 0.96 0.00	26.47 0.66 0.00	25.19 0.61 -0.30	25.10 0.67 -0.20	27.07 0.79 -0.34	28.97 0.82 -0.49	33.34 0.79 -0.83	28.60 0.65 -0.47	40.27 0.94 -2.20	94.10 2.42 -21.50	48.30 1.46 -4.78	31.38 0.96 -0.68	30.35 0.80 -0.60	37.29 0.91 -1.16	26.69 0.63 -0.25
MILLSEAT___LFGE 323607	21.19 0.04 0.00	22.14 -0.20 0.00	22.91 -0.30 0.00	21.58 -0.20 0.00	21.51 -0.14 0.00	21.49 0.08 0.00	29.86 0.33 0.00	40.88 0.25 0.00	58.03 0.40 0.00	35.67 0.60 0.00	26.46 0.66 0.00	24.96 0.67 0.00	24.99 0.76 0.00	26.71 0.77 0.00	28.37 0.71 0.00	32.13 0.40 0.00	27.52 0.03 0.00	37.58 -0.08 -0.54	82.72 2.01 -10.54	44.16 0.95 -1.15	30.10 0.37 0.00	29.21 0.26 0.00	35.77 0.55 0.00	26.60 0.79 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.06 0.91 0.00	23.40 1.06 0.00	24.22 1.01 0.00	22.65 0.87 0.00	22.49 0.83 0.00	22.29 0.88 0.00	31.03 1.49 0.00	42.94 2.31 0.00	60.38 2.75 0.00	36.88 1.81 0.00	27.15 1.34 0.00	25.49 1.21 0.00	30.62 1.10 -5.28	27.16 1.21 0.00	29.06 1.39 0.00	33.33 1.62 0.00	60.43 1.41 -31.53	38.96 1.84 0.00	73.21 3.04 0.00	144.69 1.93 -100.69	353.99 1.17 -323.09	69.70 1.06 -39.69	38.46 1.42 -1.84	46.37 1.05 -19.51
MILLWOOD_13_KV_LOAD 356217	22.11 0.96 0.00	23.45 1.11 0.00	24.27 1.06 0.00	22.70 0.92 0.00	22.53 0.88 0.00	22.34 0.93 0.00	31.10 1.56 0.00	43.04 2.41 0.00	60.54 2.91 0.00	36.97 1.91 0.00	27.21 1.41 0.00	25.56 1.28 0.00	30.68 1.17 -5.28	27.23 1.28 0.00	29.14 1.47 0.00	33.42 1.70 0.00	60.51 1.49 -31.53	39.08 1.96 0.00	73.45 3.28 0.00	144.82 2.07 -100.69	354.08 1.26 -323.09	69.78 1.14 -39.69	38.56 1.51 -1.84	46.44 1.11 -19.51
MODEL_CITY_ENERGY 24167	20.56 -0.59 0.00	21.47 -0.87 0.00	22.22 -0.99 0.00	20.93 -0.85 0.00	20.87 -0.79 0.00	20.83 -0.58 0.00	28.85 -0.69 0.00	39.32 -1.32 0.00	55.87 -1.76 0.00	34.49 -0.59 0.00	25.60 -0.20 0.00	24.21 -0.07 0.00	24.36 0.13 0.00	26.10 0.15 0.00	27.74 0.07 0.00	31.34 -0.38 0.00	26.76 -0.72 0.00	36.71 -1.29 -0.87	86.12 -0.53 -16.48	44.31 -0.63 -2.87	28.99 -0.75 0.00	28.17 -0.78 0.00	34.62 -0.60 0.00	25.85 0.03 0.00
MODERN_LFGE___ 323580	20.56 -0.59 0.00	21.47 -0.87 0.00	22.22 -0.99 0.00	20.93 -0.85 0.00	20.87 -0.79 0.00	20.83 -0.58 0.00	28.85 -0.69 0.00	39.32 -1.32 0.00	55.87 -1.76 0.00	34.49 -0.59 0.00	25.60 -0.20 0.00	24.21 -0.07 0.00	24.36 0.13 0.00	26.10 0.15 0.00	27.74 0.07 0.00	31.34 -0.38 0.00	26.76 -0.72 0.00	36.71 -1.29 -0.87	86.12 -0.53 -16.48	44.31 -0.63 -2.87	28.99 -0.75 0.00	28.17 -0.78 0.00	34.62 -0.60 0.00	25.85 0.03 0.00
MOHAWK_PAPER___DRP 24187	21.60 0.45 0.00	22.93 0.59 0.00	23.86 0.66 0.00	22.35 0.57 0.00	22.25 0.59 0.00	22.00 0.58 0.00	30.52 0.98 0.00	42.23 1.60 0.00	59.42 1.79 0.00	35.79 0.72 0.00	26.29 0.49 0.00	24.71 0.43 0.00	24.63 0.40 0.00	26.37 0.43 0.00	28.13 0.46 0.00	32.37 0.64 0.00	28.14 0.66 0.00	38.19 1.07 0.00	72.01 1.84 0.00	43.37 1.31 0.00	30.60 0.87 0.00	29.75 0.80 0.00	35.96 0.75 0.00	26.24 0.43 0.00
MOHICAN___35_KV_115KV_LD 80490	22.39 1.24 0.00	23.80 1.46 0.00	24.78 1.56 0.00	23.21 1.43 0.00	23.11 1.45 0.00	22.88 1.47 0.00	31.82 2.28 0.00	44.09 3.46 0.00	62.03 4.41 0.00	37.10 2.03 0.00	27.30 1.49 0.00	25.65 1.36 0.00	25.55 1.32 0.00	27.41 1.47 0.00	29.16 1.50 0.00	33.67 1.95 0.00	29.26 1.78 0.00	39.72 2.59 0.00	75.25 5.08 0.00	45.54 3.47 0.00	32.14 2.40 0.00	31.21 2.26 0.00	37.50 2.28 0.00	27.27 1.46 0.00
MONGAUP___HYD 23641	21.99 0.85 0.00	23.32 0.97 0.00	24.16 0.94 0.00	22.60 0.82 0.00	22.44 0.79 0.00	22.26 0.85 0.00	31.02 1.49 0.00	42.91 2.28 0.00	60.16 2.54 0.00	36.37 1.31 0.00	26.62 0.82 0.00	24.96 0.68 0.00	23.87 0.60 0.96	26.60 0.66 0.00	28.45 0.79 0.00	32.62 0.90 0.00	22.61 0.85 5.72	38.41 1.29 0.00	72.98 2.81 0.00	29.95 1.85 13.97	-14.21 1.12 45.07	23.34 1.16 6.76	36.39 1.49 0.31	23.55 1.07 3.33
MONTAUK___DIESEL 23721	23.13 1.98 0.00	24.43 2.09 0.00	25.25 2.04 0.00	23.66 1.88 0.00	23.48 1.83 0.00	23.24 1.83 0.00	32.43 2.90 0.00	44.73 4.10 0.00	63.12 5.49 0.00	38.33 3.26 0.00	28.21 2.41 0.00	26.40 2.12 0.00	27.36 2.07 -1.05	28.14 2.19 0.00	30.12 2.45 0.00	34.64 2.92 0.00	35.04 2.61 -4.95	39.39 3.59 1.32	42.73 6.49 33.93	73.58 3.96 -27.56	59.59 2.55 -27.31	37.62 2.38 -6.29	38.69 2.98 -0.50	33.49 2.40 -5.28
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.23 0.08 0.00	22.37 0.03 0.00	23.03 -0.19 0.00	21.67 -0.11 0.00	21.52 -0.14 0.00	21.51 0.10 0.00	30.00 0.46 0.00	41.16 0.53 0.00	58.26 0.63 0.00	35.85 0.79 0.00	26.51 0.70 0.00	25.31 1.02 0.00	25.60 1.37 0.00	27.57 1.62 0.00	29.27 1.60 0.00	33.06 1.34 0.00	28.19 0.71 0.00	50.46 0.66 -12.68	305.91 3.32 -232.42	89.29 1.77 -45.45	30.79 1.06 0.00	29.63 0.68 0.00	36.18 0.97 0.00	26.76 0.95 0.00

MORRIS_RIDGE___SOLAR 323848	20.63 -0.52 0.00	21.67 -0.67 0.00	22.39 -0.83 0.00	21.10 -0.68 0.00	20.96 -0.69 0.00	20.92 -0.49 0.00	29.07 -0.47 0.00	39.53 -1.10 0.00	56.20 -1.43 0.00	34.51 -0.56 0.00	25.52 -0.29 0.00	24.30 0.02 0.00	24.53 0.29 0.00	26.43 0.48 0.00	28.05 0.39 0.00	31.73 0.01 0.00	27.05 -0.44 0.00	40.31 -0.56 -3.74	149.35 0.65 -78.53	54.50 0.16 -12.27	29.71 -0.03 0.00	28.74 -0.21 0.00	35.09 -0.13 0.00	25.86 0.05 0.00
MORTIMER_115KV_TB3 55949	21.24 0.09 0.00	22.29 -0.05 0.00	23.08 -0.13 0.00	21.72 -0.06 0.00	21.62 -0.03 0.00	21.54 0.13 0.00	29.88 0.34 0.00	40.98 0.34 0.00	58.11 0.49 0.00	35.68 0.61 0.00	26.39 0.58 0.00	24.87 0.58 0.00	24.94 0.71 0.00	26.68 0.74 0.00	28.36 0.69 0.00	32.29 0.57 0.00	27.71 0.23 0.00	36.57 0.24 0.79	56.61 1.68 15.24	40.16 0.81 2.72	30.06 0.33 0.00	29.20 0.24 0.00	35.66 0.45 0.00	26.38 0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.27 1.12 0.00	23.60 1.26 0.00	24.42 1.21 0.00	22.83 1.05 0.00	22.66 1.00 0.00	22.46 1.05 0.00	31.26 1.73 0.00	43.24 2.61 0.00	60.81 3.19 0.00	37.22 2.15 0.00	27.45 1.64 0.00	25.87 1.50 -0.09	26.74 1.38 -1.12	27.46 1.51 0.00	29.39 1.72 0.00	33.70 1.97 0.00	35.41 1.71 -6.22	39.32 2.20 0.00	73.80 3.63 0.00	73.83 2.29 -29.47	124.85 1.39 -93.73	40.97 1.29 -10.72	37.44 1.73 -0.50	32.36 1.28 -5.27
MUNSVILLE_WIND_PWR 323609	22.40 1.25 0.00	23.57 1.23 0.00	24.63 1.42 0.00	23.05 1.27 0.00	22.94 1.28 0.00	22.88 1.47 0.00	31.67 2.13 0.00	43.80 3.17 0.00	61.91 4.29 0.00	37.59 2.52 0.00	27.55 1.75 0.00	26.10 1.59 -0.24	26.01 1.62 -0.16	28.07 1.85 -0.27	30.16 2.11 -0.38	34.58 2.20 -0.66	29.68 1.83 -0.36	41.88 2.90 -1.85	96.13 6.59 -19.38	49.87 3.60 -4.20	32.88 2.62 -0.53	31.76 2.34 -0.47	38.73 2.62 -0.90	27.82 1.82 -0.19
N SALMON___HYD 24042	21.24 0.09 0.00	22.22 -0.12 0.00	23.18 -0.03 0.00	21.63 -0.14 0.00	21.60 -0.06 0.00	21.29 -0.12 0.00	29.15 -0.38 0.00	39.46 -1.17 0.00	56.46 -1.16 0.00	34.56 -0.51 0.00	25.50 -0.30 0.00	31.17 -0.28 -7.16	28.66 -0.35 -4.77	25.50 -0.44 0.00	42.46 -0.57 -15.36	31.20 -0.52 0.00	27.21 -0.27 0.00	36.55 -0.57 0.00	92.79 -1.58 -24.19	75.32 -0.99 -34.25	31.56 -0.46 -2.28	28.86 -0.09 0.00	35.26 0.04 0.00	25.85 0.04 0.00
N.AKRON__115KV_KNAPP 355671	21.10 -0.05 0.00	22.04 -0.30 0.00	22.81 -0.41 0.00	21.48 -0.30 0.00	21.41 -0.24 0.00	21.38 -0.03 0.00	29.70 0.16 0.00	40.63 -0.01 0.00	57.70 0.07 0.00	35.51 0.44 0.00	26.34 0.53 0.00	24.91 0.62 0.00	24.94 0.70 0.00	26.66 0.71 0.00	28.32 0.66 0.00	32.05 0.33 0.00	27.45 -0.03 0.00	37.53 -0.27 -0.67	84.78 1.59 -13.01	44.91 0.68 -2.17	29.93 0.19 0.00	29.04 0.09 0.00	35.59 0.37 0.00	26.49 0.68 0.00
N.BELMOR_69_KV_BK1 55787	22.34 1.19 0.00	23.63 1.29 0.00	24.44 1.23 0.00	22.86 1.08 0.00	22.68 1.03 0.00	22.44 1.03 0.00	31.26 1.72 0.00	43.25 2.62 0.00	60.74 3.11 0.00	37.11 2.05 0.00	27.38 1.58 0.00	25.68 1.40 0.00	26.61 1.33 -1.05	27.37 1.43 0.00	29.29 1.62 0.00	33.62 1.90 0.00	34.67 1.60 -5.59	38.31 1.90 0.71	54.67 3.05 18.55	72.41 1.92 -28.42	90.82 1.29 -59.79	38.64 1.25 -8.44	37.44 1.73 -0.50	32.50 1.41 -5.28
N.E_GEN_SANDY PD 24062	21.75 0.60 0.00	23.11 0.77 0.00	24.02 0.81 0.00	22.48 0.70 0.00	22.33 0.68 0.00	22.39 0.65 -0.33	31.05 1.08 -0.43	42.75 1.79 -0.32	61.17 2.06 -1.48	33.41 1.00 2.66	26.09 0.66 0.38	24.85 0.57 0.00	25.10 0.55 -0.32	26.55 0.61 0.00	28.36 0.70 0.00	32.34 0.86 0.24	30.00 0.81 -1.71	37.65 1.16 0.63	66.68 1.85 5.34	60.40 1.31 -17.02	48.54 0.84 -17.96	33.17 0.79 -3.43	36.02 0.81 0.00	27.46 0.50 -1.15
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.88 0.74 0.00	23.22 0.88 0.00	24.02 0.81 0.00	22.45 0.67 0.00	22.29 0.64 0.00	22.12 0.71 0.00	30.85 1.31 0.00	42.72 2.09 0.00	59.94 2.32 0.00	36.60 1.53 0.00	26.91 1.10 0.00	25.26 0.98 0.00	23.60 0.86 1.50	26.91 0.96 0.00	28.82 1.15 0.00	33.06 1.34 0.00	19.69 1.16 8.95	38.68 1.56 0.00	72.83 2.65 0.00	21.46 1.68 22.29	-41.13 0.98 71.84	19.33 0.84 10.46	35.92 1.19 0.48	21.56 0.89 5.15
N.QUEENS_27_KV_LOAD 356247	22.36 1.21 0.00	23.70 1.36 0.00	24.49 1.28 0.00	22.85 1.07 0.00	22.65 1.00 0.00	22.51 1.10 0.00	31.23 1.70 0.00	43.36 2.73 0.00	61.12 3.49 0.00	37.42 2.35 0.00	27.60 1.79 0.00	26.04 1.67 -0.09	26.87 1.52 -1.12	27.58 1.65 0.01	29.54 1.87 0.00	33.83 2.12 0.01	35.50 1.80 -6.22	39.40 2.28 0.00	73.92 3.75 0.00	74.00 2.44 -29.49	124.93 1.44 -93.75	41.04 1.37 -10.72	37.52 1.81 -0.50	32.45 1.37 -5.27
N.TROY___115KV_TB1 355778	21.77 0.62 0.00	23.12 0.78 0.00	24.06 0.85 0.00	22.53 0.75 0.00	22.42 0.76 0.00	22.14 0.73 0.00	30.69 1.15 0.00	42.47 1.84 0.00	59.76 2.14 0.00	35.98 0.92 0.00	26.44 0.63 0.00	24.85 0.57 0.00	24.79 0.56 0.00	26.56 0.62 0.00	28.32 0.65 0.00	32.55 0.84 0.00	28.28 0.80 0.00	38.34 1.21 0.00	72.34 2.17 0.00	43.59 1.52 0.00	30.76 1.02 0.00	29.93 0.98 0.00	36.18 0.97 0.00	26.41 0.59 0.00
NARROWS_GT1_1 24228	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT1_2 24229	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT1_3 24230	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT1_4 24231	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55

NARROWS_GT1_5 24232	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT1_6 24233	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT1_7 24234	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT1_8 24235	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT2_1 24236	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT2_2 24237	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT2_3 24238	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT2_4 24239	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT2_5 24240	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT2_6 24241	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT2_7 24242	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NARROWS_GT2_8 24243	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.34 0.00	73.89 3.72 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.84 0.69 0.00	23.18 0.84 0.00	24.15 0.93 0.00	22.63 0.85 0.00	22.55 0.90 0.00	22.31 0.90 0.00	31.00 1.46 0.00	42.94 2.31 0.00	60.20 2.57 0.00	35.91 0.84 0.00	26.28 0.47 0.00	24.71 0.43 0.00	24.59 0.36 0.00	26.28 0.33 0.00	27.97 0.30 0.00	32.30 0.58 0.00	28.15 0.66 0.00	38.63 1.51 0.00	73.57 3.40 0.00	44.32 2.25 0.00	31.25 1.52 0.00	30.33 1.38 0.00	36.52 1.31 0.00	26.58 0.76 0.00
NCHELSEA_115KV_TR2 355582	22.12 0.97 0.00	23.47 1.12 0.00	24.31 1.09 0.00	22.75 0.97 0.00	22.58 0.92 0.00	22.38 0.97 0.00	31.17 1.64 0.00	43.13 2.50 0.00	60.70 3.07 0.00	36.97 1.91 0.00	27.16 1.36 0.00	25.50 1.22 0.00	25.37 1.13 0.00	27.19 1.24 0.00	29.10 1.43 0.00	33.40 1.68 0.00	28.99 1.51 0.00	39.15 2.03 0.00	73.72 3.55 0.00	44.30 2.24 0.00	31.14 1.41 0.00	30.23 1.28 0.00	36.81 1.60 0.00	26.96 1.15 0.00
NEG CAPITAL___MECHNVIL 23645	22.09 0.95 0.00	23.45 1.11 0.00	24.39 1.18 0.00	22.86 1.08 0.00	22.74 1.09 0.00	22.51 1.10 0.00	31.24 1.70 0.00	43.24 2.61 0.00	60.79 3.16 0.00	36.54 1.47 0.00	26.88 1.08 0.00	25.23 0.94 0.00	25.19 0.96 0.00	26.97 1.02 0.00	28.73 1.07 0.00	33.08 1.36 0.00	28.77 1.29 0.00	39.09 1.97 0.00	73.93 3.76 0.00	44.53 2.47 0.00	31.41 1.68 0.00	30.51 1.56 0.00	36.85 1.64 0.00	26.88 1.07 0.00



NEG CENTRAL_HIGH_ACRES 23767	21.21 0.06 0.00	22.26 -0.08 0.00	23.06 -0.15 0.00	21.70 -0.08 0.00	21.60 -0.05 0.00	21.51 0.10 0.00	29.86 0.32 0.00	41.00 0.37 0.00	58.15 0.52 0.00	35.67 0.60 0.00	26.34 0.54 0.00	24.82 0.54 0.00	24.90 0.66 0.00	26.64 0.69 0.00	28.33 0.66 0.00	32.29 0.57 0.00	27.74 0.26 0.00	36.62 0.31 0.81	56.09 1.64 15.73	40.10 0.83 2.80	30.08 0.35 0.00	29.21 0.26 0.00	35.63 0.42 0.00	26.30 0.48 0.00
NEG CENTRAL___DRP 24199	21.11 -0.04 0.00	22.27 -0.07 0.00	23.03 -0.18 0.00	21.71 -0.07 0.00	21.59 -0.06 0.00	21.45 0.04 0.00	29.79 0.25 0.00	40.89 0.26 0.00	57.86 0.23 0.00	35.44 0.36 0.00	26.10 0.29 0.00	25.04 0.34 -0.42	24.97 0.47 -0.27	26.96 0.54 -0.47	28.85 0.51 -0.68	33.27 0.38 -1.16	28.33 0.19 -0.65	39.18 0.20 -1.85	77.27 1.14 -5.95	45.27 0.71 -2.49	31.14 0.45 -0.95	30.07 0.28 -0.84	37.17 0.34 -1.62	26.48 0.32 -0.35
NEG CENTRAL___INDECK 23768	21.54 0.39 0.00	22.58 0.24 0.00	23.34 0.13 0.00	21.98 0.19 0.00	21.86 0.21 0.00	21.85 0.44 0.00	30.47 0.93 0.00	41.69 1.05 0.00	59.27 1.64 0.00	36.14 1.07 0.00	26.61 0.80 0.00	25.01 0.72 0.00	25.08 0.84 0.00	26.88 0.93 0.00	28.35 0.69 0.00	31.83 0.11 0.00	26.91 -0.57 0.00	38.07 -0.58 -1.52	102.98 1.34 -31.46	47.93 0.84 -5.03	30.18 0.45 0.00	29.23 0.27 0.00	36.25 1.04 0.00	26.96 1.15 0.00
NEG CENTRAL___SENECA 23627	21.18 0.03 0.00	22.31 -0.03 0.00	23.07 -0.14 0.00	21.74 -0.05 0.00	21.63 -0.02 0.00	21.55 0.14 0.00	29.98 0.44 0.00	41.08 0.44 0.00	58.12 0.50 0.00	35.68 0.61 0.00	26.28 0.48 0.00	25.04 0.56 -0.20	25.07 0.71 -0.13	27.00 0.83 -0.22	28.78 0.79 -0.32	32.92 0.65 -0.55	28.14 0.35 -0.31	38.42 0.38 -0.91	74.84 1.74 -2.93	44.35 1.06 -1.23	30.92 0.72 -0.47	29.88 0.52 -0.41	36.64 0.63 -0.80	26.52 0.54 -0.17
NEG CENTRAL___STATE_STREET 24147	21.18 0.03 0.00	22.38 0.04 0.00	23.08 -0.12 0.00	21.84 0.06 0.00	21.73 0.07 0.00	21.42 0.01 0.00	29.66 0.12 0.00	40.81 0.17 0.00	57.75 0.12 0.00	35.22 0.15 0.00	25.91 0.10 0.00	25.06 0.12 -0.66	24.85 0.18 -0.44	26.91 0.21 -0.75	28.95 0.21 -1.08	33.70 0.13 -1.85	28.59 0.08 -1.03	40.14 0.11 -2.90	80.12 0.64 -9.31	46.34 0.38 -3.89	31.42 0.20 -1.49	30.36 0.09 -1.32	37.86 0.11 -2.54	26.56 0.20 -0.55
NEG MILLWOOD___DRP 24198	22.21 1.06 0.00	23.55 1.21 0.00	24.39 1.17 0.00	22.82 1.04 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.29 1.76 0.00	43.32 2.69 0.00	60.98 3.35 0.00	37.17 2.10 0.00	27.33 1.53 0.00	25.67 1.38 0.00	25.92 1.28 -0.40	27.34 1.39 0.00	29.27 1.60 0.00	33.60 1.88 0.00	31.56 1.66 -2.41	39.33 2.21 0.00	74.01 3.84 0.00	51.56 2.42 -7.08	54.11 1.51 -22.86	33.88 1.38 -3.55	37.12 1.74 -0.16	28.81 1.25 -1.75
NEG NORTH_FLCN_SEA 23793	20.93 -0.22 0.00	22.07 -0.27 0.00	23.10 -0.11 0.00	21.42 -0.36 0.00	21.38 -0.28 0.00	21.09 -0.32 0.00	28.76 -0.77 0.00	38.51 -2.12 0.00	55.16 -2.46 0.00	33.74 -1.33 0.00	24.83 -0.97 0.00	12.14 -0.91 11.24	15.79 -0.96 7.48	24.94 -1.01 0.00	2.36 -1.22 24.09	30.63 -1.09 0.00	26.91 -0.57 0.00	35.93 -1.20 0.00	28.71 -3.54 37.92	-13.80 -2.19 53.68	25.04 -1.12 3.58	28.44 -0.51 0.00	34.80 -0.41 0.00	25.49 -0.33 0.00
NEG NORTH_KES_CHATEGAY 23792	20.96 -0.19 0.00	21.97 -0.37 0.00	22.93 -0.28 0.00	21.37 -0.41 0.00	21.34 -0.31 0.00	21.04 -0.37 0.00	28.79 -0.74 0.00	38.91 -1.72 0.00	55.69 -1.94 0.00	34.01 -1.06 0.00	25.04 -0.77 0.00	11.74 -0.71 11.84	15.60 -0.76 7.88	25.12 -0.83 0.00	1.33 -0.96 25.38	30.82 -0.90 0.00	26.90 -0.58 0.00	36.07 -1.05 0.00	27.64 -2.58 39.95	-16.09 -1.61 56.55	25.11 -0.86 3.77	28.52 -0.43 0.00	34.85 -0.36 0.00	25.53 -0.28 0.00
NEG NORTH___ALICE_FALLS 23915	21.05 -0.10 0.00	22.17 -0.18 0.00	23.18 -0.04 0.00	21.52 -0.25 0.00	21.49 -0.17 0.00	21.20 -0.21 0.00	28.97 -0.56 0.00	38.95 -1.69 0.00	55.68 -1.95 0.00	34.04 -1.03 0.00	25.06 -0.75 0.00	12.23 -0.72 11.33	15.93 -0.76 7.54	25.12 -0.82 0.00	2.34 -1.03 24.29	30.87 -0.85 0.00	27.10 -0.39 0.00	36.24 -0.88 0.00	29.26 -2.67 38.25	-13.74 -1.67 54.14	25.32 -0.81 3.61	28.67 -0.28 0.00	35.04 -0.17 0.00	25.64 -0.17 0.00
NEG NORTH___LWR_SARANAC 23913	21.05 -0.10 0.00	22.17 -0.18 0.00	23.18 -0.04 0.00	21.52 -0.25 0.00	21.49 -0.17 0.00	21.20 -0.21 0.00	28.97 -0.56 0.00	38.95 -1.69 0.00	55.68 -1.95 0.00	34.04 -1.03 0.00	25.06 -0.75 0.00	12.23 -0.72 11.33	15.93 -0.76 7.54	25.12 -0.82 0.00	2.34 -1.03 24.29	30.87 -0.85 0.00	27.10 -0.39 0.00	36.24 -0.88 0.00	29.26 -2.67 38.25	-13.74 -1.67 54.14	25.32 -0.81 3.61	28.67 -0.28 0.00	35.04 -0.17 0.00	25.64 -0.17 0.00
NEG NORTH___PLATTSBURG 23628	21.05 -0.10 0.00	22.17 -0.18 0.00	23.18 -0.04 0.00	21.52 -0.25 0.00	21.49 -0.17 0.00	21.21 -0.20 0.00	28.97 -0.56 0.00	38.95 -1.68 0.00	55.69 -1.94 0.00	34.04 -1.03 0.00	25.06 -0.75 0.00	12.23 -0.72 11.33	15.93 -0.76 7.54	25.12 -0.82 0.00	2.34 -1.03 24.29	30.87 -0.84 0.00	27.10 -0.39 0.00	36.24 -0.88 0.00	29.24 -2.68 38.25	-13.74 -1.67 54.14	25.32 -0.81 3.61	28.67 -0.28 0.00	35.04 -0.17 0.00	25.64 -0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	20.77 -0.38 0.00	21.70 -0.64 0.00	22.45 -0.77 0.00	21.15 -0.63 0.00	21.07 -0.58 0.00	21.04 -0.37 0.00	29.17 -0.37 0.00	39.78 -0.85 0.00	56.53 -1.10 0.00	34.87 -0.20 0.00	25.88 0.08 0.00	24.49 0.20 0.00	24.62 0.39 0.00	26.38 0.43 0.00	28.02 0.35 0.00	31.68 -0.04 0.00	27.05 -0.43 0.00	36.96 -0.87 -0.71	84.81 0.29 -14.35	44.19 -0.14 -2.27	29.35 -0.38 0.00	28.50 -0.46 0.00	34.99 -0.22 0.00	26.10 0.29 0.00
NEG WEST___LANCASTR 23811	21.25 0.10 0.00	22.25 -0.09 0.00	23.00 -0.21 0.00	21.68 -0.10 0.00	21.59 -0.07 0.00	21.54 0.13 0.00	29.88 0.34 0.00	40.81 0.17 0.00	57.85 0.22 0.00	35.73 0.66 0.00	26.45 0.64 0.00	25.10 0.82 0.00	25.28 1.04 0.00	27.14 1.19 0.00	28.76 1.09 0.00	32.59 0.87 0.00	27.79 0.30 0.00	45.48 -0.04 -8.40	231.53 1.45 -159.90	71.36 0.70 -28.60	30.16 0.43 0.00	29.23 0.28 0.00	35.84 0.63 0.00	26.57 0.76 0.00
NEG_PENN_ALLEGHNY 23528	21.27 0.13 0.00	22.51 0.17 0.00	23.36 0.15 0.00	21.96 0.18 0.00	21.82 0.17 0.00	21.64 0.23 0.00	29.97 0.43 0.00	41.25 0.62 0.00	58.30 0.68 0.00	35.60 0.53 0.00	26.18 0.37 0.00	24.89 0.36 -0.25	24.81 0.41 -0.16	26.74 0.51 -0.28	28.59 0.52 -0.41	32.91 0.49 -0.70	28.18 0.31 -0.38	39.52 0.29 -2.10	95.04 1.13 -23.73	47.73 0.65 -5.02	30.69 0.42 -0.54	29.72 0.29 -0.48	36.52 0.39 -0.92	26.30 0.29 -0.20
NEG___GEN_MONROE 24207	21.36 0.21 0.00	22.40 0.05 0.00	23.24 0.03 0.00	21.83 0.05 0.00	21.76 0.11 0.00	21.70 0.29 0.00	30.20 0.66 0.00	41.36 0.72 0.00	58.54 0.91 0.00	35.95 0.88 0.00	26.58 0.78 0.00	25.07 0.79 0.00	25.12 0.89 0.00	26.86 0.92 0.00	28.47 0.80 0.00	32.40 0.68 0.00	27.81 0.33 0.00	36.81 0.40 0.72	58.59 2.26 13.83	40.75 1.16 2.48	30.30 0.57 0.00	29.40 0.45 0.00	35.93 0.72 0.00	26.59 0.77 0.00

NEPA__ENERGY 23901	20.75 -0.40 0.00	21.95 -0.40 0.00	22.57 -0.64 0.00	21.33 -0.45 0.00	21.21 -0.44 0.00	21.24 -0.17 0.00	29.62 0.08 0.00	40.48 -0.15 0.00	57.06 -0.56 0.00	35.21 0.14 0.00	25.96 0.15 0.00	24.79 0.51 0.00	24.99 0.75 0.00	26.94 0.99 0.00	28.59 0.93 0.00	32.34 0.62 0.00	27.55 0.06 0.00	50.50 -0.21 -13.59	318.12 1.58 -246.37	92.12 0.71 -49.34	30.13 0.40 0.00	29.11 0.15 0.00	35.67 0.45 0.00	26.34 0.53 0.00
NEVERSink__HYD 23608	22.10 0.95 0.00	23.42 1.08 0.00	24.25 1.04 0.00	22.71 0.93 0.00	22.55 0.90 0.00	22.37 0.96 0.00	31.16 1.62 0.00	43.09 2.46 0.00	60.61 2.99 0.00	36.88 1.81 0.00	27.05 1.24 0.00	25.38 1.10 0.00	25.00 1.01 0.24	27.06 1.11 0.00	28.99 1.33 0.00	33.22 1.50 0.00	27.41 1.36 1.42	39.03 1.91 0.00	73.80 3.63 0.00	44.33 2.27 0.00	30.86 1.46 0.34	28.51 1.29 1.73	36.79 1.65 0.08	26.15 1.19 0.85
NEWKRMKL_115KV_TB1 55635	21.33 0.18 0.00	22.64 0.30 0.00	23.57 0.35 0.00	22.07 0.28 0.00	21.98 0.33 0.00	21.74 0.33 0.00	30.14 0.60 0.00	41.70 1.07 0.00	58.67 1.04 0.00	35.40 0.33 0.00	26.01 0.21 0.00	24.45 0.17 0.00	24.36 0.13 0.00	26.08 0.14 0.00	27.83 0.17 0.00	32.01 0.29 0.00	27.84 0.36 0.00	37.75 0.63 0.00	71.11 0.94 0.00	42.82 0.76 0.00	30.22 0.48 0.00	29.37 0.42 0.00	35.52 0.31 0.00	25.94 0.12 0.00
NEWTON__FALLS_HYD 23847	21.50 0.35 0.00	22.57 0.23 0.00	23.50 0.29 0.00	22.01 0.23 0.00	21.90 0.25 0.00	21.60 0.19 0.00	29.86 0.32 0.00	40.75 0.12 0.00	58.07 0.44 0.00	35.45 0.38 0.00	26.18 0.38 0.00	25.93 0.30 -1.35	25.26 0.14 -0.90	26.15 -0.04 -0.25	30.32 -0.12 -2.77	32.25 -0.08 -0.61	27.82 -0.01 -0.34	38.10 0.02 -0.95	77.12 0.08 -6.87	48.76 0.02 -6.67	30.74 0.15 -0.85	29.79 0.41 -0.43	36.61 0.56 -0.83	26.46 0.47 -0.18
NGRID_A1_DSASP 323792	20.56 -0.59 0.00	21.54 -0.80 0.00	22.30 -0.91 0.00	21.02 -0.76 0.00	20.93 -0.72 0.00	20.88 -0.53 0.00	28.90 -0.63 0.00	39.35 -1.28 0.00	55.93 -1.70 0.00	34.53 -0.54 0.00	25.65 -0.16 0.00	24.25 -0.03 0.00	24.46 0.23 0.00	26.22 0.27 0.00	27.70 0.04 0.00	31.31 -0.41 0.00	26.71 -0.77 0.00	34.46 -1.35 1.32	43.16 -0.74 26.28	36.71 -0.81 4.55	28.85 -0.88 0.00	28.06 -0.90 0.00	34.47 -0.74 0.00	25.85 0.04 0.00
NGRID_A2_DSASP 323793	20.56 -0.59 0.00	21.54 -0.80 0.00	22.30 -0.91 0.00	21.02 -0.76 0.00	20.93 -0.72 0.00	20.88 -0.53 0.00	28.90 -0.63 0.00	39.35 -1.28 0.00	55.93 -1.70 0.00	34.53 -0.54 0.00	25.65 -0.16 0.00	24.25 -0.03 0.00	24.46 0.23 0.00	26.22 0.27 0.00	27.70 0.04 0.00	31.31 -0.41 0.00	26.71 -0.77 0.00	34.46 -1.35 1.32	43.16 -0.81 26.28	36.71 -0.81 4.55	28.85 -0.88 0.00	28.06 -0.90 0.00	34.47 -0.74 0.00	25.85 0.04 0.00
NGRID_A4_DSASP 323807	20.56 -0.59 0.00	21.54 -0.80 0.00	22.30 -0.91 0.00	21.02 -0.76 0.00	20.93 -0.72 0.00	20.88 -0.53 0.00	28.90 -0.63 0.00	39.35 -1.28 0.00	55.93 -1.70 0.00	34.53 -0.54 0.00	25.65 -0.16 0.00	24.25 -0.03 0.00	24.46 0.23 0.00	26.22 0.27 0.00	27.70 0.04 0.00	31.31 -0.41 0.00	26.71 -0.77 0.00	34.46 -1.35 1.32	43.16 -0.74 26.28	36.71 -0.81 4.55	28.85 -0.88 0.00	28.06 -0.90 0.00	34.47 -0.74 0.00	25.85 0.04 0.00
NIAGARA_115E_LBMP 323715	20.44 -0.71 0.00	21.34 -1.00 0.00	22.09 -1.13 0.00	20.80 -0.97 0.00	20.74 -0.91 0.00	20.70 -0.71 0.00	28.66 -0.88 0.00	39.03 -1.60 0.00	55.48 -2.15 0.00	34.26 -0.81 0.00	25.45 -0.36 0.00	24.05 -0.23 0.00	24.22 -0.02 0.00	25.95 0.00 0.00	27.58 -0.09 0.00	31.15 -0.57 0.00	26.59 -0.89 0.00	36.47 -1.53 -0.88	85.44 -1.06 -16.33	44.03 -0.93 -2.90	28.78 -0.96 0.00	27.98 -0.97 0.00	34.40 -0.81 0.00	25.69 -0.12 0.00
NIAGARA_115W_LBMP 323714	20.52 -0.63 0.00	21.51 -0.83 0.00	22.27 -0.94 0.00	20.98 -0.80 0.00	20.90 -0.75 0.00	20.85 -0.56 0.00	28.85 -0.69 0.00	39.28 -1.35 0.00	55.85 -1.78 0.00	34.48 -0.58 0.00	25.60 -0.20 0.00	24.21 -0.07 0.00	24.42 0.18 0.00	26.17 0.22 0.00	27.64 -0.02 0.00	31.24 -0.48 0.00	26.65 -0.83 0.00	34.14 -1.43 1.55	38.50 -0.91 30.75	35.83 -0.89 5.34	28.79 -0.95 0.00	27.99 -0.96 0.00	34.40 -0.81 0.00	25.80 -0.01 0.00
NIAGARA_230_LBMP 323716	20.64 -0.51 0.00	21.56 -0.78 0.00	22.32 -0.89 0.00	21.03 -0.75 0.00	20.94 -0.71 0.00	20.89 -0.52 0.00	28.93 -0.61 0.00	39.41 -1.23 0.00	55.98 -1.64 0.00	34.57 -0.50 0.00	25.65 -0.15 0.00	24.27 -0.01 0.00	24.46 0.22 0.00	26.21 0.27 0.00	27.81 0.14 0.00	31.47 -0.25 0.00	26.87 -0.61 0.00	32.48 -1.11 3.53	1.05 -0.29 68.83	29.46 -0.54 12.06	29.04 -0.70 0.00	28.22 -0.73 0.00	34.64 -0.57 0.00	25.87 0.06 0.00
NIAGARA__115KV_198_GIBSON 55903	20.52 -0.63 0.00	21.50 -0.84 0.00	22.27 -0.94 0.00	20.98 -0.80 0.00	20.90 -0.75 0.00	20.85 -0.56 0.00	28.85 -0.69 0.00	39.27 -1.36 0.00	55.84 -1.79 0.00	34.48 -0.59 0.00	25.60 -0.20 0.00	24.21 -0.08 0.00	24.42 0.18 0.00	26.15 0.21 0.00	27.64 -0.03 0.00	31.23 -0.49 0.00	26.64 -0.84 0.00	34.13 -1.44 1.55	38.47 -0.95 30.75	35.79 -0.93 5.34	28.78 -0.95 0.00	27.98 -0.97 0.00	34.40 -0.82 0.00	25.80 -0.02 0.00
NIAGARA____ 23760	20.64 -0.51 0.00	21.56 -0.78 0.00	22.32 -0.89 0.00	21.03 -0.75 0.00	20.94 -0.71 0.00	20.89 -0.52 0.00	28.93 -0.61 0.00	39.41 -1.23 0.00	55.98 -1.64 0.00	34.57 -0.50 0.00	25.65 -0.15 0.00	24.27 -0.01 0.00	24.46 0.22 0.00	26.21 0.27 0.00	27.81 0.14 0.00	31.47 -0.25 0.00	26.87 -0.61 0.00	34.28 -1.11 1.74	47.05 -0.29 22.83	37.19 -0.54 4.34	29.04 -0.70 0.00	28.22 -0.73 0.00	34.64 -0.57 0.00	25.87 0.06 0.00
NINE_MILE_1 23575	20.53 -0.62 0.00	21.67 -0.67 0.00	22.47 -0.74 0.00	21.15 -0.63 0.00	21.02 -0.63 0.00	20.81 -0.60 0.00	28.72 -0.82 0.00	39.51 -1.13 0.00	55.93 -1.69 0.00	34.15 -0.92 0.00	25.14 -0.67 0.00	20.08 -0.63 3.58	21.30 -0.58 2.35	21.29 -0.62 4.04	21.17 -0.68 5.82	20.91 -0.83 9.98	21.21 -0.76 5.51	20.54 -1.04 15.55	18.54 -1.74 49.89	20.17 -1.02 20.87	20.97 -0.78 7.98	21.08 -0.80 7.07	20.66 -0.96 13.59	22.21 -0.68 2.92
NINE_MILE_2 23744	20.53 -0.62 0.00	21.67 -0.67 0.00	22.48 -0.73 0.00	21.15 -0.63 0.00	21.02 -0.63 0.00	20.81 -0.60 0.00	28.72 -0.82 0.00	39.51 -1.13 0.00	55.93 -1.69 0.00	34.15 -0.92 0.00	25.14 -0.67 0.00	20.02 -0.63 3.63	21.27 -0.58 2.39	21.23 -0.62 4.10	21.08 -0.68 5.91	20.76 -0.83 10.13	21.13 -0.76 5.59	20.30 -1.04 15.78	17.78 -1.74 50.65	19.85 -1.02 21.19	20.85 -0.78 8.10	20.98 -0.80 7.18	20.45 -0.96 13.80	22.17 -0.68 2.97
NM_CAPITAL__DRP 24208	21.40 0.25 0.00	22.73 0.39 0.00	23.66 0.45 0.00	22.15 0.37 0.00	22.06 0.41 0.00	21.81 0.40 0.00	30.23 0.69 0.00	41.84 1.21 0.00	58.87 1.25 0.00	35.50 0.43 0.00	26.07 0.27 0.00	24.51 0.22 0.00	24.44 0.20 0.00	26.16 0.21 0.00	27.91 0.24 0.00	32.10 0.38 0.00	27.91 0.43 0.00	37.84 0.72 0.00	71.26 1.09 0.00	42.93 0.86 0.00	30.29 0.56 0.00	29.44 0.49 0.00	35.61 0.40 0.00	26.00 0.18 0.00

NM_CENTRAL___DRP 24181	20.93 -0.22 0.00	22.10 -0.25 0.00	22.91 -0.31 0.00	21.56 -0.22 0.00	21.43 -0.22 0.00	21.23 -0.18 0.00	29.38 -0.15 0.00	40.46 -0.17 0.00	57.27 -0.35 0.00	34.95 -0.12 0.00	25.73 -0.07 0.00	24.57 -0.07 -0.36	24.45 -0.01 -0.24	26.35 -0.01 -0.41	28.24 -0.02 -0.59	32.63 -0.10 -1.01	27.91 -0.13 -0.56	38.51 -0.19 -1.57	75.20 -0.03 -5.05	44.16 -0.02 -2.11	30.44 -0.10 -0.81	29.49 -0.17 -0.72	36.36 -0.23 -1.38	25.96 -0.14 -0.30
NM_FRONTIER___DRP 24179	20.52 -0.63 0.00	21.50 -0.84 0.00	22.27 -0.94 0.00	20.98 -0.80 0.00	20.90 -0.75 0.00	20.85 -0.56 0.00	28.85 -0.69 0.00	39.27 -1.36 0.00	55.84 -1.79 0.00	34.48 -0.59 0.00	25.60 -0.20 0.00	24.21 -0.08 0.00	24.42 0.18 0.00	26.15 0.21 0.00	27.64 -0.03 0.00	31.23 -0.49 0.00	26.64 -0.84 0.00	34.13 -1.44 1.55	38.47 -0.95 30.75	35.79 -0.93 5.34	28.78 -0.95 0.00	27.98 -0.97 0.00	34.40 -0.82 0.00	25.80 -0.02 0.00
NM_ST_REGIS___HYD 24053	21.35 0.19 0.00	22.28 -0.06 0.00	23.24 0.03 0.00	21.72 -0.06 0.00	21.67 0.02 0.00	21.32 -0.09 0.00	29.15 -0.39 0.00	39.39 -1.24 0.00	56.38 -1.25 0.00	34.58 -0.49 0.00	25.60 -0.21 0.00	27.00 -0.18 -2.90	25.85 -0.31 -1.93	25.56 -0.50 -0.12	33.18 -0.64 -6.16	31.31 -0.70 -0.29	27.16 -0.49 -0.16	36.81 -0.77 -0.46	79.32 -1.76 -10.90	54.94 -1.10 -13.97	30.30 -0.56 -1.12	28.96 -0.20 -0.21	35.55 -0.06 -0.40	25.98 0.08 -0.08
NORTHPORT___1 23551	22.35 1.20 0.00	23.63 1.30 0.00	24.47 1.26 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.38 0.97 0.00	31.12 1.58 0.00	42.97 2.34 0.00	60.89 3.26 0.00	36.94 1.88 0.00	27.30 1.49 0.00	25.60 1.31 0.00	26.59 1.31 -1.05	27.32 1.38 0.00	29.18 1.52 0.00	33.42 1.70 0.00	33.82 1.42 -4.92	37.55 1.77 1.34	38.38 2.69 34.48	71.33 1.74 -27.52	56.94 1.05 -26.16	36.11 0.94 -6.22	37.08 1.36 -0.50	32.45 1.36 -5.28
NORTHPORT___2 23552	22.35 1.20 0.00	23.63 1.30 0.00	24.47 1.26 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.38 0.97 0.00	31.12 1.58 0.00	42.97 2.34 0.00	60.89 3.26 0.00	36.94 1.88 0.00	27.30 1.49 0.00	25.60 1.31 0.00	26.59 1.31 -1.05	27.32 1.38 0.00	29.18 1.52 0.00	33.42 1.70 0.00	33.82 1.42 -4.92	37.55 1.77 1.34	38.38 2.69 34.48	71.33 1.74 -27.52	56.94 1.05 -26.16	36.11 0.94 -6.22	37.08 1.36 -0.50	32.45 1.36 -5.28
NORTHPORT___3 23553	22.12 0.97 0.00	23.45 1.10 0.00	24.28 1.06 0.00	22.70 0.92 0.00	22.53 0.87 0.00	22.12 0.71 0.00	30.74 1.20 0.00	42.47 1.84 0.00	59.98 2.36 0.00	36.52 1.45 0.00	27.10 1.29 0.00	25.39 1.11 0.00	26.36 1.08 -1.05	27.07 1.13 0.00	28.90 1.23 0.00	33.06 1.34 0.00	33.51 1.10 -4.94	37.14 1.35 1.33	37.91 1.89 34.15	70.86 1.25 -27.54	57.27 0.71 -26.82	35.83 0.62 -6.26	36.66 0.95 -0.50	32.17 1.08 -5.28
NORTHPORT___4 23650	22.12 0.97 0.00	23.45 1.10 0.00	24.28 1.06 0.00	22.70 0.92 0.00	22.53 0.87 0.00	22.12 0.71 0.00	30.74 1.20 0.00	42.47 1.84 0.00	59.98 2.36 0.00	36.52 1.45 0.00	27.10 1.29 0.00	25.39 1.11 0.00	26.36 1.08 -1.05	27.07 1.13 0.00	28.90 1.23 0.00	33.06 1.34 0.00	33.51 1.10 -4.94	37.14 1.35 1.33	37.91 1.89 34.15	70.86 1.25 -27.54	57.27 0.71 -26.82	35.83 0.62 -6.26	36.66 0.95 -0.50	32.17 1.08 -5.28
NORTHPORT___IC 23718	22.35 1.20 0.00	23.64 1.30 0.00	24.47 1.26 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.38 0.97 0.00	31.12 1.58 0.00	42.97 2.34 0.00	60.89 3.26 0.00	36.95 1.88 0.00	27.30 1.49 0.00	25.60 1.32 0.00	26.59 1.31 -1.05	27.32 1.38 0.00	29.18 1.52 0.00	33.42 1.70 0.00	33.82 1.42 -4.92	37.56 1.78 1.34	38.38 2.69 34.48	71.33 1.74 -27.52	56.94 1.04 -26.16	36.12 0.95 -6.22	37.07 1.36 -0.50	32.45 1.36 -5.28
NORTH___COUNTRY_ESR 323785	20.92 -0.23 0.00	21.93 -0.41 0.00	22.88 -0.33 0.00	21.34 -0.44 0.00	21.30 -0.35 0.00	21.01 -0.40 0.00	28.72 -0.82 0.00	38.83 -1.81 0.00	55.52 -2.10 0.00	33.93 -1.13 0.00	24.99 -0.81 0.00	11.70 -0.73 11.85	15.56 -0.78 7.89	25.07 -0.87 0.00	1.25 -1.01 25.40	30.74 -0.99 0.00	26.84 -0.64 0.00	35.99 -1.13 0.00	27.38 -2.80 40.00	-16.28 -1.73 56.61	25.01 -0.95 3.77	28.43 -0.52 0.00	34.77 -0.45 0.00	25.46 -0.35 0.00
NPX_GEN_1385_PROXY 323591	22.50 1.35 0.00	23.63 1.30 0.00	24.47 1.25 0.00	22.88 1.11 0.00	22.70 1.05 0.00	22.44 1.04 0.00	31.88 2.35 0.00	44.01 3.38 0.00	61.27 3.64 0.00	36.29 1.22 0.00	26.98 1.18 0.00	25.18 0.89 0.00	26.53 1.25 -1.05	27.18 1.24 0.00	28.95 1.28 0.00	33.25 1.53 0.00	34.01 1.61 -4.92	38.13 2.35 1.34	38.93 3.24 34.48	72.09 2.50 -27.52	57.28 1.39 -26.16	36.18 1.01 -6.22	36.94 1.23 -0.50	32.45 1.36 -5.28
NPX_GEN_CSC 323557	22.62 1.46 0.00	23.90 1.56 0.00	24.70 1.49 0.00	23.13 1.35 0.00	22.94 1.29 0.00	22.68 1.27 0.00	31.59 2.05 0.00	43.56 2.93 0.00	61.48 3.86 0.00	37.35 2.28 0.00	27.52 1.72 0.00	25.78 1.50 0.00	26.73 1.45 -1.05	27.47 1.52 0.00	29.39 1.72 0.00	33.75 2.04 0.00	34.21 1.78 -4.95	38.19 2.39 1.32	40.30 4.07 33.95	72.14 2.52 -27.56	58.59 1.57 -27.28	36.73 1.49 -6.29	37.70 1.99 -0.50	32.79 1.70 -5.28
NSINS_S___GLNS_FALLS 23858	22.36 1.22 0.00	23.77 1.43 0.00	24.75 1.53 0.00	23.18 1.40 0.00	23.08 1.42 0.00	22.84 1.43 0.00	31.77 2.23 0.00	44.02 3.39 0.00	61.93 4.30 0.00	37.07 2.00 0.00	27.28 1.48 0.00	25.63 1.35 0.00	25.53 1.29 0.00	27.38 1.44 0.00	29.14 1.47 0.00	33.62 1.90 0.00	29.22 1.74 0.00	39.68 2.56 0.00	75.16 4.99 0.00	45.45 3.39 0.00	32.08 2.34 0.00	31.14 2.19 0.00	37.44 2.23 0.00	27.24 1.43 0.00
NUCOR_STEEL___DRP 24197	21.17 0.02 0.00	22.38 0.04 0.00	23.08 -0.13 0.00	21.84 0.06 0.00	21.72 0.07 0.00	21.40 -0.01 0.00	29.62 0.08 0.00	40.76 0.13 0.00	57.70 0.07 0.00	35.18 0.11 0.00	25.87 0.07 0.00	25.07 0.07 -0.71	24.83 0.13 -0.47	26.91 0.15 -0.81	28.97 0.15 -1.16	33.79 0.08 -1.99	28.63 0.05 -1.10	40.31 0.08 -3.12	80.68 0.51 -10.00	46.55 0.30 -4.18	31.46 0.13 -1.60	30.41 0.04 -1.42	37.99 0.05 -2.72	26.57 0.17 -0.59
NUMBER_THREE_WT_PWR 323818	21.59 0.44 0.00	22.81 0.47 0.00	23.74 0.53 0.00	22.23 0.45 0.00	22.09 0.44 0.00	21.81 0.41 0.00	30.43 0.90 0.00	41.91 1.28 0.00	59.58 1.95 0.00	36.20 1.13 0.00	26.65 0.84 0.00	25.74 0.71 -0.75	25.27 0.54 -0.50	26.66 0.42 -0.29	29.58 0.44 -1.47	33.05 0.60 -0.72	28.44 0.56 -0.40	39.08 0.83 -1.13	77.08 1.63 -5.28	46.85 0.93 -3.86	31.23 0.76 -0.74	30.41 0.95 -0.51	37.34 1.14 -0.99	26.80 0.78 -0.21
NYISO_LBMP_REFERENCE 24008	21.15 0.00 0.00	22.34 0.00 0.00	23.21 0.00 0.00	21.78 0.00 0.00	21.65 0.00 0.00	21.41 0.00 0.00	29.54 0.00 0.00	40.63 0.00 0.00	57.63 0.00 0.00	35.07 0.00 0.00	25.81 0.00 0.00	24.28 0.00 0.00	24.23 0.00 0.00	25.95 0.00 0.00	27.67 0.00 0.00	31.72 0.00 0.00	27.48 0.00 0.00	37.12 0.00 0.00	70.17 0.00 0.00	42.06 0.00 0.00	29.74 0.00 0.00	28.95 0.00 0.00	35.21 0.00 0.00	25.81 0.00 0.00

NYPA_BRENTWD____GT 24164	22.53 1.38 0.00	23.82 1.48 0.00	24.64 1.43 0.00	23.05 1.27 0.00	22.86 1.21 0.00	22.57 1.16 0.00	31.45 1.92 0.00	43.44 2.81 0.00	61.41 3.79 0.00	37.30 2.23 0.00	27.53 1.73 0.00	25.79 1.51 0.00	26.76 1.48 -1.05	27.51 1.56 0.00	29.40 1.74 0.00	33.72 2.00 0.00	34.17 1.71 -4.97	38.05 2.22 1.30	40.52 3.66 33.31	71.84 2.18 -27.59	59.79 1.44 -28.62	36.66 1.33 -6.38	37.53 1.82 -0.50	32.73 1.64 -5.28
NYPA_GOWANUS____GT5 24156	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.33 0.00	73.88 3.71 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NYPA_GOWANUS____GT6 24157	22.35 1.20 0.00	23.69 1.35 0.00	24.48 1.27 0.00	22.89 1.11 0.00	22.70 1.05 0.00	22.53 1.12 0.00	31.35 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.76 -0.70	43.47 1.60 -17.59	45.52 1.50 -19.79	37.40 1.61 -9.85	35.34 1.81 -5.87	38.20 2.08 -4.40	35.51 1.81 -6.23	39.46 2.33 0.00	73.88 3.71 0.00	73.99 2.43 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.81 1.45 -5.55
NYPA_HARLEM__RVR__GT1 24160	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.47 1.06 0.00	31.18 1.64 0.00	43.28 2.65 0.00	60.97 3.35 0.00	37.32 2.25 0.00	27.52 1.71 0.00	25.96 1.58 -0.09	26.78 1.42 -1.12	27.48 1.54 0.01	29.46 1.80 0.00	33.76 2.04 0.01	35.44 1.74 -6.21	39.32 2.20 0.00	73.74 3.56 0.00	73.88 2.32 -29.49	124.87 1.38 -93.75	41.00 1.32 -10.72	37.46 1.75 -0.50	32.40 1.32 -5.27
NYPA_HARLEM__RVR__GT2 24161	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.47 1.06 0.00	31.18 1.64 0.00	43.28 2.65 0.00	60.97 3.35 0.00	37.32 2.25 0.00	27.52 1.71 0.00	25.96 1.58 -0.09	26.78 1.42 -1.12	27.48 1.54 0.01	29.46 1.80 0.00	33.76 2.04 0.01	35.44 1.74 -6.21	39.32 2.20 0.00	73.74 3.56 0.00	73.88 2.32 -29.49	124.87 1.38 -93.75	41.00 1.32 -10.72	37.46 1.75 -0.50	32.40 1.32 -5.27
NYPA_KENT____GT 24152	22.36 1.21 0.00	23.69 1.35 0.00	24.50 1.29 0.00	22.89 1.11 0.00	22.71 1.06 0.00	22.53 1.12 0.00	31.32 1.79 0.00	43.34 2.71 0.00	61.01 3.38 0.00	37.42 2.33 -0.03	28.29 1.78 -0.70	43.49 1.62 -17.59	45.53 1.51 -19.79	37.41 1.61 -9.85	35.35 1.82 -5.87	38.21 2.09 -4.40	35.52 1.81 -6.23	39.45 2.32 0.00	73.89 3.72 0.00	73.98 2.42 -29.49	124.94 1.45 -93.75	41.08 1.41 -10.72	37.65 1.93 -0.50	32.79 1.43 -5.55
NYPA_POUCH1____GT 24155	22.29 1.14 0.00	23.64 1.30 0.00	24.44 1.23 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.49 1.08 0.00	31.31 1.77 0.00	43.24 2.61 0.00	60.82 3.20 0.00	37.36 2.26 -0.03	28.17 1.66 -0.70	25.85 1.47 -0.10	26.74 1.38 -1.14	27.43 1.47 -0.01	29.34 1.66 -0.01	33.65 1.92 -0.01	35.38 1.67 -6.22	39.33 2.21 0.00	73.53 3.37 0.01	73.82 2.26 -29.49	124.83 1.34 -93.75	40.50 1.29 -10.27	37.53 1.82 -0.50	32.71 1.35 -5.55
NYPA_VERNON____GT2 24162	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.13 0.00	22.72 1.07 0.00	22.53 1.12 0.00	31.31 1.77 0.00	43.32 2.69 0.00	60.99 3.36 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.54 1.52 -19.79	37.46 1.65 -9.85	35.40 1.87 -5.87	38.26 2.14 -4.40	35.55 1.84 -6.23	39.48 2.35 0.00	73.98 3.80 0.00	74.00 2.44 -29.49	124.96 1.47 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.41 -5.55
NYPA_VERNON____GT3 24163	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.13 0.00	22.72 1.07 0.00	22.53 1.12 0.00	31.31 1.77 0.00	43.32 2.69 0.00	60.99 3.36 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.54 1.52 -19.79	37.46 1.65 -9.85	35.40 1.87 -5.87	38.26 2.14 -4.40	35.55 1.84 -6.23	39.48 2.35 0.00	73.98 3.80 0.00	74.00 2.44 -29.49	124.96 1.47 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.41 -5.55
NYPA__ASTORIA_CC1 323568	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.12 0.00	22.72 1.06 0.00	22.53 1.12 0.00	31.27 1.73 0.00	43.27 2.64 0.00	60.92 3.30 0.00	37.40 2.30 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.52 1.50 -19.79	37.44 1.64 -9.85	35.40 1.86 -5.87	38.25 2.13 -4.40	35.53 1.83 -6.23	39.45 2.33 0.00	73.90 3.73 0.00	73.98 2.42 -29.49	124.94 1.45 -93.75	41.07 1.40 -10.72	37.61 1.90 -0.50	32.76 1.40 -5.55
NYPA__ASTORIA_CC2 323569	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.12 0.00	22.72 1.06 0.00	22.53 1.12 0.00	31.27 1.73 0.00	43.27 2.64 0.00	60.92 3.30 0.00	37.40 2.30 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.52 1.50 -19.79	37.44 1.64 -9.85	35.40 1.86 -5.87	38.25 2.13 -4.40	35.53 1.83 -6.23	39.45 2.33 0.00	73.90 3.73 0.00	73.98 2.42 -29.49	124.94 1.45 -93.75	41.07 1.40 -10.72	37.61 1.90 -0.50	32.76 1.40 -5.55
NYPA__HOLTSVILL 23794	22.41 1.26 0.00	23.69 1.35 0.00	24.50 1.29 0.00	22.92 1.15 0.00	22.74 1.09 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.14 2.51 0.00	60.94 3.31 0.00	37.03 1.96 0.00	27.34 1.53 0.00	25.61 1.33 0.00	26.58 1.29 -1.05	27.31 1.37 0.00	29.19 1.53 0.00	33.49 1.77 0.00	33.95 1.53 -4.94	37.76 1.96 1.32	39.31 3.14 34.00	71.59 1.97 -27.55	58.11 1.21 -27.17	36.37 1.14 -6.28	37.30 1.59 -0.50	32.59 1.50 -5.28
NYPA__HELLGATE_GT1 24158	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.47 1.06 0.00	31.18 1.64 0.00	43.28 2.65 0.00	60.97 3.35 0.00	37.32 2.25 0.00	27.52 1.71 0.00	25.96 1.58 -0.09	26.78 1.42 -1.12	27.48 1.54 0.01	29.46 1.80 0.00	33.76 2.04 0.01	35.44 1.74 -6.21	39.32 2.20 0.00	73.77 3.60 0.00	73.92 2.36 -29.49	124.88 1.39 -93.75	40.98 1.31 -10.72	37.46 1.75 -0.50	32.40 1.32 -5.27
NYPA__HELLGATE_GT2 24159	22.33 1.18 0.00	23.67 1.33 0.00	24.46 1.25 0.00	22.82 1.04 0.00	22.62 0.97 0.00	22.47 1.06 0.00	31.18 1.64 0.00	43.28 2.65 0.00	60.97 3.35 0.00	37.32 2.25 0.00	27.52 1.71 0.00	25.96 1.58 -0.09	26.78 1.42 -1.12	27.48 1.54 0.01	29.46 1.80 0.00	33.76 2.04 0.01	35.44 1.74 -6.21	39.32 2.20 0.00	73.77 3.60 0.00	73.92 2.36 -29.49	124.88 1.39 -93.75	40.98 1.31 -10.72	37.46 1.75 -0.50	32.40 1.32 -5.27
NYS_BARGE__HYD 23848	20.78 -0.37 0.00	21.70 -0.64 0.00	22.46 -0.75 0.00	21.16 -0.62 0.00	21.09 -0.56 0.00	21.05 -0.36 0.00	29.18 -0.35 0.00	39.82 -0.81 0.00	56.57 -1.06 0.00	34.89 -0.18 0.00	25.90 0.10 0.00	24.50 0.22 0.00	24.63 0.39 0.00	26.38 0.43 0.00	28.02 0.36 0.00	31.68 -0.04 0.00	27.05 -0.43 0.00	37.13 -0.86 -0.86	87.29 0.33 -16.78	44.80 -0.09 -2.82	29.37 -0.37 0.00	28.52 -0.43 0.00	35.02 -0.20 0.00	26.12 0.31 0.00

OAK ORCHARD___HYD 24046	21.24 0.09 0.00	22.29 -0.05 0.00	23.08 -0.13 0.00	21.72 -0.06 0.00	21.62 -0.03 0.00	21.54 0.13 0.00	29.88 0.34 0.00	40.98 0.35 0.00	58.11 0.48 0.00	35.68 0.61 0.00	26.39 0.58 0.00	24.87 0.59 0.00	24.95 0.72 0.00	26.70 0.75 0.00	28.36 0.70 0.00	32.29 0.57 0.00	27.71 0.23 0.00	36.58 0.25 0.79	56.62 1.69 15.24	40.17 0.83 2.72	30.06 0.33 0.00	29.20 0.25 0.00	35.67 0.46 0.00	26.38 0.56 0.00
OAKDALE___35_KV_LOAD 356122	21.22 0.07 0.00	22.46 0.11 0.00	23.31 0.09 0.00	21.91 0.12 0.00	21.77 0.12 0.00	21.58 0.17 0.00	29.87 0.33 0.00	41.11 0.48 0.00	58.09 0.46 0.00	35.47 0.40 0.00	26.09 0.28 0.00	24.79 0.26 -0.24	24.70 0.31 -0.16	26.61 0.39 -0.27	28.46 0.40 -0.39	32.75 0.36 -0.68	28.05 0.20 -0.37	39.39 0.14 -2.13	95.63 0.81 -24.64	47.66 0.45 -5.15	30.55 0.29 -0.52	29.59 0.17 -0.47	36.37 0.26 -0.90	26.20 0.20 -0.19
OCC_CHEM___DRP 24175	20.56 -0.59 0.00	21.54 -0.80 0.00	22.30 -0.91 0.00	21.02 -0.76 0.00	20.93 -0.72 0.00	20.88 -0.53 0.00	28.90 -0.64 0.00	39.35 -1.28 0.00	55.93 -1.70 0.00	34.53 -0.53 0.00	25.65 -0.16 0.00	24.25 -0.04 0.00	24.45 0.22 0.00	26.20 0.26 0.00	27.70 0.03 0.00	31.30 -0.42 0.00	26.70 -0.78 0.00	34.44 -1.37 1.32	43.12 -0.77 26.28	36.68 -0.84 4.55	28.85 -0.88 0.00	28.04 -0.91 0.00	34.47 -0.75 0.00	25.84 0.03 0.00
OH_GEN_PROXY 24063	20.67 -0.48 0.00	21.61 -0.73 0.00	22.37 -0.85 0.00	21.07 -0.71 0.00	20.98 -0.67 0.00	20.93 -0.48 0.00	28.98 -0.56 0.00	39.51 -1.13 0.00	56.10 -1.52 0.00	34.64 -0.43 0.00	25.70 -0.11 0.00	24.31 0.03 0.00	24.49 0.26 0.00	26.26 0.32 0.00	27.86 0.19 0.00	31.56 -0.16 0.00	26.93 -0.55 0.00	33.03 -1.03 3.06	10.03 -0.22 59.92	31.17 -0.48 10.42	29.11 -0.63 0.00	28.28 -0.67 0.00	34.71 -0.50 0.00	25.88 0.07 0.00
OLIN_CORP_DRP 24177	20.48 -0.67 0.00	21.38 -0.96 0.00	22.14 -1.08 0.00	20.85 -0.93 0.00	20.79 -0.86 0.00	20.74 -0.67 0.00	28.72 -0.82 0.00	39.11 -1.52 0.00	55.60 -2.03 0.00	34.33 -0.74 0.00	25.49 -0.32 0.00	24.09 -0.19 0.00	24.26 0.03 0.00	25.99 0.04 0.00	27.63 -0.04 0.00	31.21 -0.51 0.00	26.64 -0.84 0.00	36.82 -1.45 -1.15	90.69 -0.91 -21.44	45.02 -0.87 -3.83	28.84 -0.90 0.00	28.03 -0.92 0.00	34.44 -0.77 0.00	25.73 -0.08 0.00
OLIN_CORP_DSASP 323712	20.56 -0.59 0.00	21.54 -0.80 0.00	22.30 -0.91 0.00	21.02 -0.76 0.00	20.93 -0.72 0.00	20.88 -0.53 0.00	28.90 -0.63 0.00	39.35 -1.28 0.00	55.93 -1.70 0.00	34.53 -0.54 0.00	25.65 -0.16 0.00	24.25 -0.03 0.00	24.46 0.23 0.00	26.22 0.27 0.00	27.70 0.04 0.00	31.31 -0.41 0.00	26.71 -0.77 0.00	34.46 -1.35 1.32	43.16 -0.74 26.28	36.71 -0.81 4.55	28.85 -0.88 0.00	28.06 -0.90 0.00	34.47 -0.74 0.00	25.85 0.04 0.00
ONEIDA_HERK_LFGE 323681	21.60 0.45 0.00	22.82 0.48 0.00	23.73 0.52 0.00	22.25 0.47 0.00	22.12 0.47 0.00	21.89 0.48 0.00	30.44 0.90 0.00	41.94 1.31 0.00	59.46 1.83 0.00	36.14 1.07 0.00	26.60 0.79 0.00	25.34 0.69 -0.37	25.11 0.63 -0.24	26.71 0.60 -0.16	29.00 0.63 -0.71	32.90 0.78 -0.40	28.41 0.71 -0.22	38.75 1.00 -0.62	74.94 2.02 -2.75	45.17 1.20 -1.90	30.97 0.84 -0.39	30.11 0.88 -0.28	36.77 1.01 -0.54	26.61 0.68 -0.12
ONEIDA___115KV_TB4 55905	21.61 0.46 0.00	22.83 0.49 0.00	23.71 0.50 0.00	22.26 0.49 0.00	22.14 0.48 0.00	21.95 0.54 0.00	30.52 0.99 0.00	42.08 1.45 0.00	59.53 1.91 0.00	36.20 1.13 0.00	26.64 0.83 0.00	25.21 0.73 -0.20	25.12 0.76 -0.13	26.96 0.79 -0.22	28.81 0.83 -0.32	33.23 0.97 -0.55	28.63 0.85 -0.30	39.14 1.16 -0.86	75.38 2.46 -2.75	44.69 1.47 -1.15	31.14 0.97 -0.44	30.22 0.88 -0.39	36.96 0.99 -0.75	26.64 0.67 -0.16
ONONDAGA_REF_OCCRA 23987	21.05 -0.10 0.00	22.23 -0.11 0.00	23.05 -0.16 0.00	21.68 -0.10 0.00	21.55 -0.10 0.00	21.36 -0.05 0.00	29.58 0.04 0.00	40.72 0.09 0.00	57.64 0.01 0.00	35.16 0.09 0.00	25.88 0.07 0.00	24.78 0.06 -0.43	24.63 0.11 -0.28	26.58 0.15 -0.49	28.50 0.13 -0.70	33.01 0.09 -1.20	28.18 0.03 -0.66	39.04 0.04 -1.88	76.64 0.44 -6.03	44.86 0.27 -2.52	30.81 0.11 -0.97	29.83 0.02 -0.85	36.85 0.00 -1.64	26.18 0.01 -0.35
ONONDAGA___COGEN 23986	21.00 -0.15 0.00	22.19 -0.15 0.00	22.98 -0.23 0.00	21.65 -0.13 0.00	21.52 -0.13 0.00	21.31 -0.10 0.00	29.49 -0.05 0.00	40.60 -0.03 0.00	57.45 -0.18 0.00	35.05 -0.03 0.00	25.79 -0.02 0.00	24.94 -0.01 -0.67	24.71 0.03 -0.44	26.77 0.06 -0.76	28.81 0.05 -1.10	33.56 -0.03 -1.88	28.46 -0.06 -1.04	39.99 -0.07 -2.94	79.79 0.19 -9.43	46.13 0.12 -3.95	31.25 0.00 -1.51	30.21 -0.08 -1.34	37.68 -0.10 -2.57	26.31 -0.05 -0.55
ONTARIO___LFGE 23819	21.17 0.03 0.00	22.31 -0.03 0.00	23.07 -0.14 0.00	21.74 -0.04 0.00	21.63 -0.02 0.00	21.55 0.14 0.00	29.98 0.44 0.00	41.08 0.45 0.00	58.12 0.50 0.00	35.68 0.61 0.00	26.28 0.48 0.00	25.04 0.56 -0.20	25.07 0.71 -0.13	27.00 0.83 -0.22	28.78 0.79 -0.32	32.92 0.65 -0.55	28.14 0.35 -0.31	38.42 0.38 -0.91	74.84 1.74 -2.93	44.36 1.07 -1.23	30.92 0.72 -0.47	29.88 0.51 -0.41	36.64 0.63 -0.80	26.52 0.54 -0.17
ORANGEVILLE_WT_PWR 323706	20.71 -0.44 0.00	21.72 -0.63 0.00	22.44 -0.77 0.00	21.16 -0.62 0.00	21.05 -0.61 0.00	20.98 -0.43 0.00	29.13 -0.41 0.00	39.70 -0.93 0.00	56.39 -1.24 0.00	34.61 -0.46 0.00	25.65 -0.15 0.00	24.39 0.10 0.00	24.61 0.38 0.00	26.49 0.54 0.00	28.11 0.45 0.00	31.80 0.08 0.00	27.12 -0.36 0.00	41.06 -0.61 -4.56	167.49 0.52 -96.80	57.01 0.11 -14.83	29.61 -0.13 0.00	28.65 -0.30 0.00	35.02 -0.19 0.00	25.92 0.11 0.00
ORANGEVILLE___ESR 323794	20.71 -0.44 0.00	21.72 -0.63 0.00	22.44 -0.77 0.00	21.16 -0.62 0.00	21.05 -0.61 0.00	20.98 -0.43 0.00	29.13 -0.41 0.00	39.70 -0.93 0.00	56.39 -1.24 0.00	34.61 -0.46 0.00	25.65 -0.15 0.00	24.39 0.10 0.00	24.61 0.38 0.00	26.49 0.54 0.00	28.11 0.45 0.00	31.80 0.08 0.00	27.12 -0.36 0.00	41.06 -0.61 -4.56	167.49 0.52 -96.80	57.01 0.11 -14.83	29.61 -0.13 0.00	28.65 -0.30 0.00	35.02 -0.19 0.00	25.92 0.11 0.00
OSWEGATCHIE___HYD 24044	21.50 0.35 0.00	22.57 0.23 0.00	23.50 0.29 0.00	22.01 0.23 0.00	21.90 0.25 0.00	21.60 0.19 0.00	29.86 0.32 0.00	40.75 0.12 0.00	58.07 0.44 0.00	35.45 0.39 0.00	26.18 0.38 0.00	25.93 0.30 -1.35	25.26 0.14 -0.90	26.15 -0.04 -0.25	30.32 -0.12 -2.77	32.25 -0.08 -0.61	27.82 -0.01 -0.34	38.10 0.02 -0.95	77.12 0.08 -6.87	48.76 0.02 -6.67	30.74 0.15 -0.85	29.79 0.41 -0.43	36.61 0.56 -0.83	26.46 0.47 -0.18
OSWEGO___5 23606	20.69 -0.46 0.00	21.84 -0.50 0.00	22.65 -0.56 0.00	21.31 -0.47 0.00	21.18 -0.48 0.00	20.97 -0.44 0.00	28.96 -0.58 0.00	39.84 -0.78 0.00	56.42 -1.21 0.00	34.43 -0.64 0.00	25.35 -0.45 0.00	26.53 -0.43 -2.67	25.60 -0.39 -1.76	28.56 -0.40 -3.02	31.56 -0.45 -4.35	38.59 -0.59 -7.45	31.05 -0.56 -4.12	47.99 -0.76 -11.62	106.30 -1.18 -37.30	56.97 -0.70 -15.61	35.15 -0.55 -5.97	33.66 -0.58 -5.29	44.68 -0.69 -10.16	27.52 -0.48 -2.19

OSWEGO___6 23613	20.69 -0.46 0.00	21.84 -0.50 0.00	22.65 -0.56 0.00	21.31 -0.47 0.00	21.18 -0.48 0.00	20.97 -0.44 0.00	28.96 -0.58 0.00	39.84 -0.78 0.00	56.42 -1.21 0.00	34.43 -0.64 0.00	25.35 -0.45 0.00	26.53 -0.43 -2.67	25.60 -0.39 -1.76	28.56 -0.40 -3.02	31.56 -0.45 -4.35	38.59 -0.59 -7.45	31.05 -0.56 -4.12	47.99 -0.76 -11.62	106.30 -1.18 -37.30	56.97 -0.70 -15.61	35.15 -0.55 -5.97	33.66 -0.58 -5.29	44.68 -0.69 -10.16	27.52 -0.48 -2.19
OUTOKUMPU-AB___DRP 24206	20.98 -0.17 0.00	21.95 -0.39 0.00	22.70 -0.51 0.00	21.39 -0.39 0.00	21.31 -0.34 0.00	21.28 -0.13 0.00	29.51 -0.03 0.00	40.25 -0.38 0.00	57.21 -0.42 0.00	35.28 0.22 0.00	26.18 0.38 0.00	24.79 0.51 0.00	24.96 0.72 0.00	26.76 0.81 0.00	28.36 0.70 0.00	32.05 0.33 0.00	27.34 -0.14 0.00	39.61 -0.47 -2.96	127.47 0.97 -56.33	52.31 0.26 -9.98	29.68 -0.06 0.00	28.80 -0.15 0.00	35.32 0.11 0.00	26.37 0.56 0.00
OXBOW___BTM 323836	20.81 -0.34 0.00	21.79 -0.55 0.00	22.55 -0.67 0.00	21.24 -0.54 0.00	21.16 -0.49 0.00	21.12 -0.29 0.00	29.27 -0.27 0.00	39.89 -0.74 0.00	56.71 -0.92 0.00	34.99 -0.08 0.00	25.97 0.17 0.00	24.57 0.29 0.00	24.76 0.53 0.00	26.55 0.61 0.00	28.09 0.43 0.00	31.76 0.04 0.00	27.09 -0.40 0.00	37.15 -0.82 -0.84	85.94 0.29 -15.48	44.70 -0.16 -2.79	29.34 -0.40 0.00	28.49 -0.46 0.00	34.99 -0.22 0.00	26.16 0.35 0.00
OXBOW____ 24026	20.81 -0.34 0.00	21.79 -0.56 0.00	22.55 -0.67 0.00	21.24 -0.54 0.00	21.16 -0.49 0.00	21.12 -0.29 0.00	29.27 -0.27 0.00	39.89 -0.74 0.00	56.71 -0.92 0.00	34.99 -0.08 0.00	25.97 0.17 0.00	24.57 0.28 0.00	24.76 0.52 0.00	26.53 0.59 0.00	28.09 0.42 0.00	31.75 0.03 0.00	27.08 -0.41 0.00	37.13 -0.84 -0.84	85.91 0.26 -15.48	44.68 -0.18 -2.79	29.34 -0.40 0.00	28.48 -0.47 0.00	34.97 -0.24 0.00	26.16 0.35 0.00
OXY_CHEM_DSASP 323612	20.56 -0.59 0.00	21.54 -0.80 0.00	22.30 -0.91 0.00	21.02 -0.76 0.00	20.93 -0.72 0.00	20.88 -0.53 0.00	28.90 -0.64 0.00	39.35 -1.28 0.00	55.93 -1.70 0.00	34.53 -0.53 0.00	25.65 -0.16 0.00	24.25 -0.04 0.00	24.45 0.22 0.00	26.20 0.26 0.00	27.70 0.03 0.00	31.30 -0.42 0.00	26.70 -0.78 0.00	34.44 -1.37 1.32	43.12 -0.77 26.28	36.68 -0.84 4.55	28.85 -0.88 0.00	28.04 -0.91 0.00	34.47 -0.75 0.00	25.84 0.03 0.00
OZONE_PARK_ESR 323760	22.44 1.29 0.00	23.78 1.44 0.00	24.60 1.38 0.00	23.00 1.22 0.00	22.81 1.15 0.00	22.62 1.21 0.00	31.52 1.98 0.00	43.61 2.98 0.00	61.34 3.72 0.00	37.55 2.48 0.00	27.71 1.90 0.00	26.13 1.75 -0.09	26.98 1.62 -1.13	27.72 1.77 0.00	29.67 2.00 -0.01	34.00 2.28 0.00	35.68 1.98 -6.22	39.70 2.57 0.00	74.49 4.32 0.00	74.28 2.72 -29.50	125.20 1.68 -93.78	41.24 1.57 -10.72	37.79 2.08 -0.50	32.59 1.51 -5.27
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	20.56 -0.59 0.00	21.54 -0.80 0.00	22.30 -0.91 0.00	21.02 -0.76 0.00	20.93 -0.72 0.00	20.88 -0.53 0.00	28.90 -0.64 0.00	39.35 -1.28 0.00	55.93 -1.70 0.00	34.53 -0.53 0.00	25.65 -0.16 0.00	24.25 -0.04 0.00	24.45 0.22 0.00	26.20 0.26 0.00	27.70 0.03 0.00	31.30 -0.42 0.00	26.70 -0.78 0.00	34.44 -1.37 1.32	43.12 -0.77 26.28	36.68 -0.84 4.55	28.85 -0.88 0.00	28.04 -0.91 0.00	34.47 -0.75 0.00	25.84 0.03 0.00
PACKARD__115KV_DUPONT_184 80571	20.56 -0.59 0.00	21.54 -0.80 0.00	22.30 -0.91 0.00	21.02 -0.76 0.00	20.93 -0.72 0.00	20.88 -0.53 0.00	28.90 -0.64 0.00	39.35 -1.28 0.00	55.93 -1.70 0.00	34.53 -0.53 0.00	25.65 -0.16 0.00	24.25 -0.04 0.00	24.45 0.22 0.00	26.20 0.26 0.00	27.70 0.03 0.00	31.30 -0.42 0.00	26.70 -0.78 0.00	34.44 -1.37 1.32	43.12 -0.77 26.28	36.68 -0.84 4.55	28.85 -0.88 0.00	28.04 -0.91 0.00	34.47 -0.75 0.00	25.84 0.03 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.34 1.19 0.00	23.68 1.34 0.00	24.49 1.27 0.00	22.84 1.06 0.00	22.62 0.97 0.00	22.45 1.04 0.00	31.16 1.62 0.00	43.23 2.60 0.00	60.88 3.26 0.00	37.24 2.17 0.00	27.50 1.69 0.00	25.92 1.55 -0.09	26.77 1.41 -1.12	27.49 1.55 0.01	29.43 1.77 0.00	33.73 2.02 0.01	35.43 1.73 -6.22	39.35 2.23 0.00	73.87 3.70 0.00	73.98 2.42 -29.49	124.94 1.45 -93.75	41.05 1.38 -10.72	37.50 1.79 -0.50	32.39 1.31 -5.27
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.34 1.19 0.00	23.68 1.34 0.00	24.49 1.27 0.00	22.84 1.06 0.00	22.62 0.97 0.00	22.45 1.04 0.00	31.16 1.62 0.00	43.24 2.61 0.00	60.89 3.26 0.00	37.25 2.17 0.00	27.50 1.69 0.00	25.92 1.55 -0.09	26.77 1.41 -1.12	27.49 1.55 0.01	29.43 1.77 0.00	33.73 2.02 0.01	35.43 1.73 -6.22	39.36 2.24 0.00	73.87 3.70 0.00	73.98 2.42 -29.49	124.95 1.46 -93.75	41.06 1.38 -10.72	37.50 1.79 -0.50	32.39 1.31 -5.27
PATROON__115KV_TB1 80586	21.40 0.25 0.00	22.73 0.39 0.00	23.64 0.43 0.00	22.14 0.36 0.00	22.05 0.40 0.00	21.81 0.40 0.00	30.25 0.71 0.00	41.84 1.21 0.00	58.88 1.25 0.00	35.52 0.45 0.00	26.10 0.30 0.00	24.54 0.25 0.00	24.45 0.22 0.00	26.18 0.23 0.00	27.93 0.26 0.00	32.13 0.42 0.00	27.94 0.46 0.00	37.90 0.78 0.00	71.39 1.22 0.00	42.98 0.92 0.00	30.32 0.59 0.00	29.47 0.52 0.00	35.64 0.43 0.00	26.02 0.21 0.00
PATTRSNVILLE___SOLAR 323815	21.90 0.75 0.00	23.21 0.87 0.00	24.13 0.92 0.00	22.63 0.85 0.00	22.50 0.85 0.00	22.27 0.86 0.00	30.84 1.31 0.00	42.53 1.90 0.00	59.62 2.00 0.00	35.85 0.78 0.00	26.47 0.67 0.00	24.81 0.52 0.00	24.76 0.53 0.00	26.44 0.49 0.00	28.18 0.51 0.00	32.51 0.79 0.00	28.32 0.83 0.00	38.56 1.43 0.00	73.02 2.85 0.00	43.91 1.85 0.00	30.98 1.24 0.00	30.12 1.16 0.00	36.52 1.30 0.00	26.71 0.90 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	21.21 0.06 0.00	22.20 -0.14 0.00	22.94 -0.27 0.00	21.63 -0.15 0.00	21.53 -0.12 0.00	21.50 0.09 0.00	29.84 0.30 0.00	40.77 0.14 0.00	57.83 0.20 0.00	35.69 0.62 0.00	26.44 0.63 0.00	25.07 0.79 0.00	25.24 1.01 0.00	27.09 1.14 0.00	28.73 1.06 0.00	32.53 0.81 0.00	27.74 0.26 0.00	45.36 -0.05 -8.28	229.70 1.58 -157.95	70.95 0.76 -28.13	30.16 0.42 0.00	29.22 0.27 0.00	35.82 0.60 0.00	26.59 0.78 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	22.21 1.06 0.00	23.55 1.21 0.00	24.39 1.17 0.00	22.82 1.04 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.29 1.76 0.00	43.32 2.69 0.00	60.98 3.35 0.00	37.17 2.10 0.00	27.33 1.53 0.00	25.67 1.38 0.00	25.92 1.28 -0.40	27.34 1.39 0.00	29.27 1.60 0.00	33.60 1.88 0.00	31.56 1.66 -2.41	39.33 2.21 0.00	74.01 3.84 0.00	51.56 2.42 -7.08	54.11 1.51 -22.86	33.88 1.38 -3.55	37.12 1.74 -0.16	28.81 1.25 -1.75
PEEKSKILL____ 23653	22.01 0.86 0.00	23.34 1.00 0.00	24.16 0.95 0.00	22.59 0.81 0.00	22.42 0.77 0.00	22.23 0.82 0.00	30.97 1.43 0.00	42.85 2.22 0.00	60.25 2.62 0.00	36.80 1.73 0.00	27.08 1.27 0.00	25.43 1.15 0.00	33.50 1.03 -8.23	27.09 1.14 0.00	28.99 1.33 0.00	33.25 1.53 0.00	77.97 1.34 -49.15	38.88 1.76 0.00	73.10 2.93 0.00	192.09 1.86 -148.17	506.68 1.12 -475.83	90.33 0.99 -60.39	39.34 1.34 -2.79	56.49 0.99 -29.69

PGE MADISON___WINDPWR 24146	22.40 1.25 0.00	23.57 1.23 0.00	24.63 1.42 0.00	23.05 1.27 0.00	22.94 1.28 0.00	22.88 1.47 0.00	31.67 2.13 0.00	43.80 3.17 0.00	61.91 4.29 0.00	37.59 2.52 0.00	27.55 1.75 0.00	26.10 1.59 -0.24	26.01 1.62 -0.16	28.07 1.85 -0.27	30.16 2.11 -0.38	34.58 2.20 -0.66	29.68 1.83 -0.36	41.88 2.90 -1.85	96.13 6.59 -19.38	49.87 3.60 -4.20	32.88 2.62 -0.53	31.76 2.34 -0.47	38.73 2.62 -0.90	27.82 1.82 -0.19
PIERCEFIELD___HYD 23852	21.37 0.22 0.00	22.30 -0.04 0.00	23.25 0.04 0.00	21.75 -0.03 0.00	21.69 0.04 0.00	21.33 -0.08 0.00	29.15 -0.39 0.00	39.37 -1.26 0.00	56.36 -1.27 0.00	34.59 -0.48 0.00	25.62 -0.18 0.00	25.90 -0.16 -1.78	25.11 -0.30 -1.18	25.55 -0.52 -0.13	30.75 -0.67 -3.75	31.27 -0.77 -0.32	27.08 -0.58 -0.18	36.78 -0.84 -0.50	75.58 -1.82 -7.23	49.56 -1.12 -8.62	29.92 -0.60 -0.79	28.94 -0.24 -0.23	35.54 -0.11 -0.44	25.99 0.08 -0.10
PINELAWN_CC_1 323563	22.42 1.27 0.00	23.72 1.37 0.00	24.54 1.32 0.00	22.94 1.16 0.00	22.72 1.07 0.00	22.45 1.05 0.00	31.27 1.74 0.00	43.25 2.62 0.00	60.99 3.36 0.00	37.10 2.03 0.00	27.38 1.58 0.00	25.64 1.36 0.00	26.59 1.31 -1.05	27.34 1.39 0.00	29.06 1.40 0.00	33.27 1.55 0.00	33.84 1.26 -5.10	37.43 1.47 1.17	42.33 2.26 30.10	71.28 1.44 -27.77	65.97 0.87 -35.36	36.77 0.99 -6.83	37.39 1.68 -0.50	32.56 1.47 -5.28
PJM_GEN_HTP_PROXY 323702	22.21 1.06 0.00	23.54 1.20 0.00	24.36 1.15 0.00	22.78 1.00 0.00	22.60 0.95 0.00	22.73 1.00 -0.33	31.20 1.67 0.00	43.17 2.54 0.00	60.73 3.10 0.00	37.16 2.09 0.00	27.02 1.60 0.38	25.65 1.46 0.09	26.53 1.34 -0.96	27.41 1.46 0.00	29.33 1.67 0.01	33.63 1.91 0.00	35.36 1.66 -6.22	38.61 2.12 0.63	73.67 3.49 0.00	86.95 2.19 -42.69	128.59 1.33 -97.52	40.90 1.22 -10.72	37.36 1.65 -0.50	32.31 1.22 -5.27
PJM_GEN_KEystone 24065	21.54 0.09 -0.30	22.49 0.15 0.00	23.22 0.01 0.00	21.80 0.02 0.00	21.67 0.02 0.00	21.89 0.16 -0.33	29.99 0.46 0.00	41.25 0.62 0.00	58.05 0.42 0.00	35.65 0.58 0.00	25.92 0.49 0.38	24.82 0.53 -0.01	24.22 0.57 0.58	26.64 0.70 0.00	28.41 0.74 0.00	32.40 0.68 0.00	24.29 0.33 3.52	38.21 0.25 -0.84	157.76 1.12 -86.47	43.19 0.59 -0.53	8.45 0.25 21.54	25.20 0.12 3.88	35.49 0.42 0.14	24.33 0.43 1.91
PJM_GEN_NEPTUNE_PROXY 323594	22.20 1.05 0.00	23.50 1.16 0.00	24.31 1.10 0.00	22.74 0.96 0.00	22.57 0.92 0.00	22.64 0.90 -0.33	31.06 1.53 0.00	42.97 2.33 0.00	60.50 2.88 0.00	36.90 1.83 0.00	26.86 1.43 0.38	25.55 1.26 0.00	26.49 1.20 -1.05	27.24 1.29 0.00	29.12 1.46 0.00	33.41 1.69 0.00	33.75 1.43 -4.84	36.86 1.80 2.06	36.40 2.83 36.60	84.87 1.79 -41.02	56.24 1.12 -25.39	35.91 1.03 -5.93	37.14 1.43 -0.50	32.31 1.22 -5.28
PJM_GEN_VFT_PROXY 323633	22.23 1.08 0.00	23.56 1.22 0.00	24.37 1.16 0.00	22.78 1.00 0.00	22.59 0.94 0.00	22.73 1.00 -0.33	31.21 1.67 0.00	43.16 2.53 0.00	60.60 2.98 0.00	37.12 2.05 0.00	27.02 1.59 0.38	25.83 1.45 -0.09	26.69 1.32 -1.13	27.39 1.45 0.00	29.33 1.66 -0.01	33.61 1.89 0.00	35.34 1.63 -6.22	38.59 2.09 0.63	73.59 3.42 0.00	87.34 2.16 -43.12	128.48 1.28 -97.46	40.85 1.18 -10.72	37.36 1.65 -0.50	32.33 1.24 -5.27
PLATSBURG_115KV_PMLD1 355749	20.95 -0.20 0.00	22.10 -0.24 0.00	23.12 -0.09 0.00	21.46 -0.32 0.00	21.42 -0.24 0.00	21.12 -0.29 0.00	28.81 -0.72 0.00	38.63 -2.01 0.00	55.26 -2.37 0.00	33.79 -1.28 0.00	24.87 -0.94 0.00	12.16 -0.88 11.24	15.82 -0.93 7.48	24.97 -0.98 0.00	2.40 -1.18 24.08	30.67 -1.05 0.00	26.95 -0.53 0.00	35.98 -1.14 0.00	28.93 -3.33 37.92	-13.67 -2.06 53.67	25.09 -1.07 3.57	28.48 -0.47 0.00	34.86 -0.36 0.00	25.52 -0.30 0.00
PLEASANTVLY___LBMP 24000	21.94 0.79 0.00	23.27 0.93 0.00	24.12 0.91 0.00	22.57 0.79 0.00	22.40 0.75 0.00	22.19 0.77 0.00	30.86 1.32 0.00	42.69 2.06 0.00	60.08 2.46 0.00	36.63 1.56 0.00	26.92 1.12 0.00	25.28 1.00 0.00	25.68 0.91 -0.54	26.95 1.00 0.00	28.83 1.16 0.00	33.07 1.36 0.00	31.88 1.20 -3.19	38.71 1.59 0.00	72.77 2.60 0.00	51.01 1.67 -7.27	54.32 1.03 -23.55	33.81 0.93 -3.92	36.59 1.19 -0.18	28.59 0.85 -1.93
PLSNTVLE_13_KV_13.8KVDIST 80602	22.10 0.95 0.00	23.43 1.09 0.00	24.27 1.06 0.00	22.71 0.92 0.00	22.54 0.88 0.00	22.33 0.92 0.00	31.10 1.56 0.00	43.01 2.38 0.00	60.55 2.92 0.00	36.94 1.87 0.00	27.20 1.40 0.00	25.54 1.25 0.00	26.22 1.16 -0.82	27.21 1.26 0.00	29.11 1.44 0.00	33.39 1.67 0.00	33.87 1.47 -4.92	39.04 1.92 0.00	73.35 3.18 0.00	65.78 2.04 -21.67	100.87 1.24 -69.89	40.45 1.13 -10.36	37.19 1.50 -0.48	32.00 1.09 -5.10
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.10 0.95 0.00	23.43 1.09 0.00	24.27 1.06 0.00	22.71 0.92 0.00	22.54 0.88 0.00	22.33 0.92 0.00	31.10 1.56 0.00	43.01 2.38 0.00	60.55 2.92 0.00	36.94 1.87 0.00	27.20 1.40 0.00	25.54 1.25 0.00	26.22 1.16 -0.82	27.21 1.26 0.00	29.11 1.44 0.00	33.39 1.67 0.00	33.87 1.47 -4.92	39.04 1.92 0.00	73.35 3.18 0.00	65.78 2.04 -21.67	100.87 1.24 -69.89	40.45 1.13 -10.36	37.19 1.50 -0.48	32.00 1.09 -5.10
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.06 0.91 0.00	23.40 1.06 0.00	24.25 1.04 0.00	22.70 0.92 0.00	22.54 0.88 0.00	22.33 0.92 0.00	31.07 1.54 0.00	43.01 2.38 0.00	60.54 2.92 0.00	36.88 1.81 0.00	27.07 1.27 0.00	25.40 1.12 0.00	25.52 1.04 -0.24	27.09 1.15 0.00	28.99 1.32 0.00	33.27 1.55 0.00	30.33 1.40 -1.45	39.02 1.90 0.00	73.47 3.30 0.00	48.06 2.09 -3.90	43.62 1.32 -12.57	31.89 1.20 -1.73	36.77 1.48 -0.08	27.71 1.05 -0.85
POLETTI___ 23519	22.26 1.11 0.00	23.58 1.24 0.00	24.39 1.18 0.00	22.81 1.03 0.00	22.63 0.97 0.00	22.43 1.02 0.00	31.23 1.69 0.00	43.19 2.56 0.00	60.74 3.11 0.00	37.20 2.13 0.00	27.45 1.65 0.00	25.89 1.51 -0.09	26.74 1.38 -1.13	27.46 1.51 0.00	29.39 1.72 -0.01	33.69 1.97 0.00	35.41 1.70 -6.22	39.31 2.19 0.00	73.74 3.57 0.00	73.82 2.26 -29.50	124.88 1.35 -93.78	40.92 1.25 -10.72	37.41 1.70 -0.50	32.34 1.26 -5.27
POMONA___ESR 323819	21.88 0.73 0.00	23.22 0.88 0.00	24.02 0.81 0.00	22.46 0.67 0.00	22.29 0.64 0.00	22.12 0.70 0.00	30.85 1.31 0.00	42.72 2.09 0.00	59.94 2.32 0.00	36.59 1.53 0.00	26.91 1.10 0.00	25.26 0.98 0.00	23.60 0.86 1.50	26.91 0.96 0.00	28.82 1.15 0.00	33.06 1.34 0.00	19.69 1.16 8.95	38.68 1.55 0.00	72.83 2.65 0.00	21.46 1.68 22.29	-41.13 0.98 71.84	19.33 0.84 10.46	35.92 1.19 0.48	21.56 0.89 5.15
PORT_JEFF_3 23555	22.45 1.30 0.00	23.74 1.40 0.00	24.55 1.34 0.00	22.97 1.19 0.00	22.79 1.13 0.00	22.50 1.10 0.00	31.34 1.81 0.00	43.24 2.61 0.00	61.09 3.47 0.00	37.12 2.06 0.00	27.40 1.60 0.00	25.67 1.39 0.00	26.63 1.35 -1.05	27.37 1.42 0.00	29.26 1.59 0.00	33.57 1.85 0.00	34.02 1.59 -4.95	37.83 2.03 1.32	39.45 3.23 33.95	71.64 2.02 -27.55	58.25 1.24 -27.27	36.47 1.23 -6.29	37.40 1.70 -0.50	32.65 1.56 -5.28

PORT_JEFF_4 23616	22.45 1.30 0.00	23.74 1.40 0.00	24.55 1.34 0.00	22.97 1.19 0.00	22.79 1.13 0.00	22.50 1.10 0.00	31.34 1.81 0.00	43.24 2.61 0.00	61.09 3.47 0.00	37.12 2.06 0.00	27.40 1.60 0.00	25.67 1.39 0.00	26.63 1.35 -1.05	27.37 1.42 0.00	29.26 1.59 0.00	33.57 1.85 0.00	34.02 1.59 -4.95	37.83 2.03 1.32	39.45 3.23 33.95	71.64 2.02 -27.55	58.25 1.24 -27.27	36.47 1.23 -6.29	37.40 1.70 -0.50	32.65 1.56 -5.28
PORT_JEFF_IC 23713	22.46 1.32 0.00	23.76 1.42 0.00	24.56 1.34 0.00	22.98 1.20 0.00	22.80 1.14 0.00	22.51 1.11 0.00	31.36 1.82 0.00	43.27 2.64 0.00	61.12 3.49 0.00	37.15 2.08 0.00	27.41 1.60 0.00	25.68 1.40 0.00	26.64 1.36 -1.05	27.37 1.43 0.00	29.27 1.61 0.00	33.58 1.86 0.00	34.04 1.61 -4.95	37.79 1.99 1.32	39.38 3.02 33.81	71.54 1.91 -27.56	58.46 1.16 -27.56	36.53 1.26 -6.31	37.43 1.72 -0.50	32.66 1.58 -5.28
PPL_PILGRIM_ST_GT1 24216	22.53 1.38 0.00	23.82 1.48 0.00	24.64 1.43 0.00	23.05 1.27 0.00	22.86 1.21 0.00	22.57 1.16 0.00	31.45 1.92 0.00	43.44 2.81 0.00	61.41 3.79 0.00	37.30 2.23 0.00	27.53 1.73 0.00	25.79 1.51 0.00	26.76 1.48 -1.05	27.51 1.56 0.00	29.40 1.74 0.00	33.72 2.00 0.00	34.17 1.71 -4.97	38.05 2.22 1.30	40.52 3.66 33.31	71.84 2.18 -27.59	59.79 1.44 -28.62	36.66 1.33 -6.38	37.53 1.82 -0.50	32.73 1.64 -5.28
PPL_PILGRIM_ST_GT2 24217	22.53 1.38 0.00	23.82 1.48 0.00	24.64 1.43 0.00	23.05 1.27 0.00	22.86 1.21 0.00	22.57 1.16 0.00	31.45 1.92 0.00	43.44 2.81 0.00	61.41 3.79 0.00	37.30 2.23 0.00	27.53 1.73 0.00	25.79 1.51 0.00	26.76 1.48 -1.05	27.51 1.56 0.00	29.40 1.74 0.00	33.72 2.00 0.00	34.17 1.71 -4.97	38.05 2.22 1.30	40.52 3.66 33.31	71.84 2.18 -27.59	59.79 1.44 -28.62	36.66 1.33 -6.38	37.53 1.82 -0.50	32.73 1.64 -5.28
PPL_SHRM_GT3 24213	22.62 1.46 0.00	23.90 1.56 0.00	24.70 1.49 0.00	23.13 1.35 0.00	22.94 1.29 0.00	22.68 1.27 0.00	31.59 2.05 0.00	43.56 2.93 0.00	61.48 3.85 0.00	37.34 2.27 0.00	27.51 1.71 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.45 1.51 0.00	29.36 1.70 0.00	33.73 2.01 0.00	34.20 1.77 -4.95	38.20 2.39 1.32	40.42 4.13 33.89	72.18 2.55 -27.56	58.74 1.59 -27.40	36.73 1.48 -6.30	37.70 1.99 -0.50	32.81 1.72 -5.28
PPL_SHRM_GT4 24214	22.62 1.46 0.00	23.90 1.56 0.00	24.70 1.49 0.00	23.13 1.35 0.00	22.94 1.29 0.00	22.68 1.27 0.00	31.59 2.05 0.00	43.56 2.93 0.00	61.48 3.85 0.00	37.34 2.27 0.00	27.51 1.71 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.45 1.51 0.00	29.36 1.70 0.00	33.73 2.01 0.00	34.20 1.77 -4.95	38.20 2.39 1.32	40.42 4.13 33.89	72.18 2.55 -27.56	58.74 1.59 -27.40	36.73 1.48 -6.30	37.70 1.99 -0.50	32.81 1.72 -5.28
PROJECT___ORANGE 1 24174	20.94 -0.21 0.00	22.11 -0.23 0.00	22.92 -0.29 0.00	21.56 -0.21 0.00	21.43 -0.22 0.00	21.24 -0.17 0.00	29.40 -0.14 0.00	40.48 -0.15 0.00	57.29 -0.33 0.00	34.97 -0.10 0.00	25.75 -0.06 0.00	24.58 -0.06 -0.36	24.47 0.00 -0.24	26.37 0.01 -0.40	28.24 -0.01 -0.58	32.65 -0.07 -1.00	27.92 -0.12 -0.55	38.52 -0.17 -1.57	75.21 0.01 -5.03	44.17 0.00 -2.11	30.46 -0.08 -0.81	29.51 -0.16 -0.71	36.37 -0.21 -1.37	25.97 -0.14 -0.30
PROJECT___ORANGE 2 24166	20.94 -0.21 0.00	22.11 -0.23 0.00	22.92 -0.29 0.00	21.56 -0.21 0.00	21.43 -0.22 0.00	21.24 -0.17 0.00	29.40 -0.14 0.00	40.48 -0.15 0.00	57.29 -0.33 0.00	34.97 -0.10 0.00	25.75 -0.06 0.00	24.58 -0.06 -0.36	24.47 0.00 -0.24	26.37 0.01 -0.40	28.24 -0.01 -0.58	32.65 -0.07 -1.00	27.92 -0.12 -0.55	38.52 -0.17 -1.57	75.21 0.01 -5.03	44.17 0.00 -2.11	30.46 -0.08 -0.81	29.51 -0.16 -0.71	36.37 -0.21 -1.37	25.97 -0.14 -0.30
PUCKETT___SOLAR 323809	21.48 0.33 0.00	22.64 0.29 0.00	23.59 0.38 0.00	22.13 0.35 0.00	21.99 0.34 0.00	21.86 0.45 0.00	30.19 0.65 0.00	41.59 0.96 0.00	58.81 1.18 0.00	35.84 0.77 0.00	26.35 0.54 0.00	24.98 0.46 -0.24	24.91 0.52 -0.16	26.85 0.63 -0.27	28.70 0.65 -0.38	33.02 0.64 -0.66	28.36 0.51 -0.36	39.76 0.67 -1.97	94.03 1.86 -22.00	47.72 0.99 -4.67	30.97 0.72 -0.52	30.01 0.60 -0.46	36.81 0.72 -0.88	26.56 0.56 -0.19
PYRITES___HYD 24023	21.77 0.62 0.00	22.69 0.35 0.00	23.63 0.42 0.00	22.11 0.33 0.00	22.09 0.44 0.00	21.78 0.37 0.00	29.88 0.34 0.00	40.39 -0.24 0.00	57.82 0.19 0.00	35.37 0.30 0.00	26.06 0.26 0.00	26.14 0.26 -1.60	25.31 0.01 -1.07	25.96 -0.10 -0.12	30.96 -0.08 -3.37	31.99 -0.03 -0.30	27.74 0.09 -0.17	37.68 0.10 -0.47	76.81 0.11 -6.53	49.86 0.04 -7.75	30.65 0.20 -0.71	29.64 0.48 -0.21	36.31 0.69 -0.41	26.52 0.61 -0.09
QUAKERRD_115KV_BK1 80622	21.15 0.00 0.00	22.21 -0.13 0.00	23.01 -0.20 0.00	21.65 -0.13 0.00	21.55 -0.10 0.00	21.45 0.03 0.00	29.73 0.20 0.00	40.82 0.19 0.00	57.86 0.24 0.00	35.51 0.43 0.00	26.23 0.43 0.00	24.72 0.44 0.00	24.78 0.55 0.00	26.54 0.59 0.00	28.22 0.56 0.00	32.16 0.44 0.00	27.64 0.15 0.00	36.46 0.15 0.81	55.74 1.30 15.73	39.88 0.61 2.80	29.96 0.22 0.00	29.09 0.14 0.00	35.50 0.28 0.00	26.21 0.40 0.00
QUENSBRY_115KV_TB8 356137	22.39 1.24 0.00	23.80 1.46 0.00	24.79 1.57 0.00	23.21 1.43 0.00	23.11 1.45 0.00	22.88 1.47 0.00	31.83 2.30 0.00	44.13 3.49 0.00	62.09 4.47 0.00	37.14 2.07 0.00	27.34 1.54 0.00	25.68 1.39 0.00	25.58 1.34 0.00	27.45 1.50 0.00	29.21 1.54 0.00	33.71 1.99 0.00	29.30 1.81 0.00	39.76 2.64 0.00	75.35 5.18 0.00	45.60 3.54 0.00	32.20 2.46 0.00	31.25 2.30 0.00	37.54 2.32 0.00	27.29 1.47 0.00
RAMAPO___LBMP 323565	21.83 0.68 0.00	23.17 0.83 0.00	23.97 0.76 0.00	22.41 0.63 0.00	22.24 0.59 0.00	22.07 0.66 0.00	30.77 1.23 0.00	42.60 1.97 0.00	59.78 2.16 0.00	36.50 1.43 0.00	26.83 1.02 0.00	25.19 0.91 0.00	23.48 0.79 1.54	26.83 0.88 0.00	28.73 1.06 0.00	32.95 1.23 0.00	19.33 1.07 9.22	38.54 1.43 0.00	72.59 2.42 0.00	20.62 1.54 22.99	-43.48 0.88 74.10	18.93 0.76 10.78	35.80 1.09 0.50	21.33 0.81 5.30
RANKINE____ 23646	21.04 -0.11 0.00	22.00 -0.34 0.00	22.75 -0.46 0.00	21.45 -0.33 0.00	21.35 -0.31 0.00	21.32 -0.09 0.00	29.59 0.05 0.00	40.41 -0.22 0.00	57.34 -0.29 0.00	35.36 0.29 0.00	26.21 0.40 0.00	24.85 0.56 0.00	25.03 0.79 0.00	26.86 0.91 0.00	28.50 0.84 0.00	32.25 0.53 0.00	27.52 0.04 0.00	47.05 -0.30 -10.23	266.86 1.21 -195.48	77.20 0.48 -34.65	29.90 0.16 0.00	28.98 0.03 0.00	35.51 0.29 0.00	26.39 0.58 0.00
RAVENSWOOD_GT2_1 24244	22.29 1.14 0.00	23.62 1.28 0.00	24.43 1.22 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.25 2.62 0.00	60.83 3.20 0.00	37.24 2.17 0.00	27.48 1.67 0.00	25.91 1.53 -0.09	26.76 1.41 -1.13	27.48 1.54 0.00	29.42 1.75 -0.01	33.72 2.00 0.00	35.43 1.73 -6.22	39.34 2.22 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.88 1.39 -93.75	40.98 1.30 -10.72	37.47 1.76 -0.50	32.38 1.29 -5.27



RAVENSWOOD_GT2_2 24245	22.29 1.14 0.00	23.62 1.28 0.00	24.43 1.22 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.25 2.62 0.00	60.83 3.20 0.00	37.24 2.17 0.00	27.48 1.67 0.00	25.91 1.53 -0.09	26.76 1.41 -1.13	27.48 1.54 0.00	29.42 1.75 -0.01	33.72 2.00 0.00	35.43 1.73 -6.22	39.34 2.22 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.88 1.39 -93.75	40.98 1.30 -10.72	37.47 1.76 -0.50	32.38 1.29 -5.27
RAVENSWOOD_GT2_3 24246	22.30 1.15 0.00	23.63 1.29 0.00	24.45 1.23 0.00	22.86 1.08 0.00	22.68 1.02 0.00	22.49 1.08 0.00	31.29 1.75 0.00	43.28 2.65 0.00	60.87 3.24 0.00	37.27 2.20 0.00	27.50 1.69 0.00	25.92 1.55 -0.09	26.79 1.43 -1.13	27.51 1.56 0.00	29.44 1.77 -0.01	33.75 2.03 0.00	35.46 1.76 -6.22	39.37 2.25 0.00	73.87 3.70 0.00	73.89 2.34 -29.49	124.91 1.42 -93.75	41.00 1.32 -10.72	37.49 1.78 -0.50	32.40 1.31 -5.27
RAVENSWOOD_GT2_4 24247	22.30 1.15 0.00	23.63 1.29 0.00	24.45 1.23 0.00	22.86 1.08 0.00	22.68 1.02 0.00	22.49 1.08 0.00	31.29 1.75 0.00	43.28 2.65 0.00	60.87 3.24 0.00	37.27 2.20 0.00	27.50 1.69 0.00	25.92 1.55 -0.09	26.79 1.43 -1.13	27.51 1.56 0.00	29.44 1.77 -0.01	33.75 2.03 0.00	35.46 1.76 -6.22	39.37 2.25 0.00	73.87 3.70 0.00	73.89 2.34 -29.49	124.91 1.42 -93.75	41.00 1.32 -10.72	37.49 1.78 -0.50	32.40 1.31 -5.27
RAVENSWOOD_GT3_1 24248	22.29 1.14 0.00	23.63 1.28 0.00	24.44 1.22 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.26 2.63 0.00	60.84 3.21 0.00	37.26 2.18 0.00	27.48 1.67 0.00	25.91 1.53 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.42 1.75 -0.01	33.72 2.00 0.00	35.44 1.73 -6.22	39.35 2.23 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.89 1.40 -93.75	40.98 1.30 -10.72	37.47 1.76 -0.50	32.38 1.30 -5.27
RAVENSWOOD_GT3_2 24249	22.29 1.14 0.00	23.63 1.28 0.00	24.44 1.22 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.26 2.63 0.00	60.84 3.21 0.00	37.26 2.18 0.00	27.48 1.67 0.00	25.91 1.53 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.42 1.75 -0.01	33.72 2.00 0.00	35.44 1.73 -6.22	39.35 2.23 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.89 1.40 -93.75	40.98 1.30 -10.72	37.47 1.76 -0.50	32.38 1.30 -5.27
RAVENSWOOD_GT3_3 24250	22.29 1.14 0.00	23.63 1.28 0.00	24.44 1.22 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.26 2.63 0.00	60.84 3.21 0.00	37.26 2.19 0.00	27.48 1.67 0.00	25.91 1.53 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.42 1.75 -0.01	33.72 2.00 0.00	35.44 1.73 -6.22	39.35 2.23 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.89 1.40 -93.75	40.98 1.30 -10.72	37.47 1.76 -0.50	32.38 1.30 -5.27
RAVENSWOOD_GT3_4 24251	22.29 1.14 0.00	23.63 1.28 0.00	24.44 1.22 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.26 2.63 0.00	60.84 3.21 0.00	37.26 2.19 0.00	27.48 1.67 0.00	25.91 1.53 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.42 1.75 -0.01	33.72 2.00 0.00	35.44 1.73 -6.22	39.35 2.23 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.89 1.40 -93.75	40.98 1.30 -10.72	37.47 1.76 -0.50	32.38 1.30 -5.27
RAVENSWOOD_GT_1 23729	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.91 1.13 0.00	22.72 1.07 0.00	22.54 1.13 0.00	31.31 1.77 0.00	43.32 2.69 0.00	60.99 3.36 0.00	37.41 2.32 -0.03	28.31 1.80 -0.70	43.51 1.65 -17.59	45.54 1.52 -19.79	37.45 1.65 -9.85	35.40 1.87 -5.87	38.26 2.14 -4.40	35.55 1.84 -6.23	39.48 2.35 0.00	73.98 3.81 0.00	74.01 2.45 -29.49	124.96 1.47 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.41 -5.55
RAVENSWOOD_GT_10 24258	22.29 1.14 0.00	23.62 1.28 0.00	24.43 1.22 0.00	22.85 1.07 0.00	22.67 1.01 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.26 2.62 0.00	60.83 3.20 0.00	37.24 2.17 0.00	27.56 1.67 -0.08	27.92 1.53 -2.11	28.92 1.41 -3.28	28.62 1.54 -1.14	30.09 1.75 -0.68	34.23 2.00 -0.51	35.43 1.73 -6.22	39.34 2.22 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.88 1.39 -93.75	40.98 1.30 -10.72	37.46 1.76 -0.50	32.41 1.29 -5.30
RAVENSWOOD_GT_11 24259	22.29 1.14 0.00	23.62 1.28 0.00	24.43 1.22 0.00	22.85 1.07 0.00	22.67 1.01 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.26 2.62 0.00	60.83 3.20 0.00	37.24 2.17 0.00	27.56 1.67 -0.08	27.92 1.53 -2.11	28.92 1.41 -3.28	28.62 1.54 -1.14	30.09 1.75 -0.68	34.23 2.00 -0.51	35.43 1.73 -6.22	39.34 2.22 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.88 1.39 -93.75	40.98 1.30 -10.72	37.46 1.76 -0.50	32.41 1.29 -5.30
RAVENSWOOD_GT_4 24252	22.27 1.12 0.00	23.60 1.26 0.00	24.42 1.20 0.00	22.83 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.24 2.61 0.00	60.80 3.17 0.00	37.24 2.15 -0.02	27.99 1.64 -0.54	39.20 1.51 -13.41	40.95 1.38 -15.34	34.96 1.51 -7.50	33.86 1.72 -4.47	37.04 1.97 -3.35	35.41 1.71 -6.22	39.32 2.20 0.00	73.80 3.63 0.00	73.84 2.28 -29.49	124.88 1.38 -93.75	40.95 1.28 -10.72	37.44 1.72 -0.50	32.57 1.27 -5.49
RAVENSWOOD_GT_5 24254	22.27 1.12 0.00	23.60 1.26 0.00	24.42 1.20 0.00	22.83 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.24 2.61 0.00	60.80 3.17 0.00	37.24 2.15 -0.02	27.99 1.64 -0.54	39.20 1.51 -13.41	40.95 1.38 -15.34	34.96 1.51 -7.50	33.86 1.72 -4.47	37.04 1.97 -3.35	35.41 1.71 -6.22	39.32 2.20 0.00	73.80 3.63 0.00	73.84 2.28 -29.49	124.88 1.38 -93.75	40.95 1.28 -10.72	37.44 1.72 -0.50	32.57 1.27 -5.49
RAVENSWOOD_GT_6 24253	22.27 1.12 0.00	23.60 1.26 0.00	24.42 1.20 0.00	22.83 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.24 2.61 0.00	60.80 3.17 0.00	37.24 2.15 -0.02	27.99 1.64 -0.54	39.20 1.51 -13.41	40.95 1.38 -15.34	34.96 1.51 -7.50	33.86 1.72 -4.47	37.04 1.97 -3.35	35.41 1.71 -6.22	39.32 2.20 0.00	73.80 3.63 0.00	73.84 2.28 -29.49	124.88 1.38 -93.75	40.95 1.28 -10.72	37.44 1.72 -0.50	32.57 1.27 -5.49
RAVENSWOOD_GT_7 24255	22.27 1.12 0.00	23.60 1.26 0.00	24.42 1.20 0.00	22.83 1.05 0.00	22.65 1.00 0.00	22.46 1.05 0.00	31.27 1.73 0.00	43.24 2.61 0.00	60.80 3.17 0.00	37.24 2.15 -0.02	27.99 1.64 -0.54	39.20 1.51 -13.41	40.95 1.38 -15.34	34.96 1.51 -7.50	33.86 1.72 -4.47	37.04 1.97 -3.35	35.41 1.71 -6.22	39.32 2.20 0.00	73.80 3.63 0.00	73.84 2.28 -29.49	124.88 1.38 -93.75	40.95 1.28 -10.72	37.44 1.72 -0.50	32.57 1.27 -5.49
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.29 1.14 0.00	23.62 1.28 0.00	24.43 1.22 0.00	22.85 1.07 0.00	22.67 1.01 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.26 2.62 0.00	60.83 3.20 0.00	37.24 2.17 0.00	27.56 1.67 -0.08	27.92 1.53 -2.11	28.92 1.41 -3.28	28.62 1.54 -1.14	30.09 1.75 -0.68	34.23 2.00 -0.51	35.43 1.73 -6.22	39.34 2.22 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.88 1.39 -93.75	40.98 1.30 -10.72	37.46 1.76 -0.50	32.41 1.29 -5.30

RAVENSWOOD_GT_9 24257	22.29 1.14 0.00	23.62 1.28 0.00	24.43 1.22 0.00	22.85 1.07 0.00	22.67 1.01 0.00	22.48 1.07 0.00	31.27 1.73 0.00	43.26 2.62 0.00	60.83 3.20 0.00	37.24 2.17 0.00	27.56 1.67 -0.08	27.92 1.53 -2.11	28.92 1.41 -3.28	28.62 1.54 -1.14	30.09 1.75 -0.68	34.23 2.00 -0.51	35.43 1.73 -6.22	39.34 2.22 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.88 1.39 -93.75	40.98 1.30 -10.72	37.46 1.76 -0.50	32.41 1.29 -5.30
RAVENSWOOD___1 23533	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.13 0.00	22.72 1.07 0.00	22.53 1.12 0.00	31.31 1.77 0.00	43.32 2.69 0.00	60.99 3.36 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.54 1.52 -19.79	37.46 1.65 -9.85	35.40 1.87 -5.87	38.26 2.14 -4.40	35.55 1.84 -6.23	39.48 2.35 0.00	73.98 3.80 0.00	74.00 2.44 -29.49	124.96 1.47 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.41 -5.55
RAVENSWOOD___2 23534	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.13 0.00	22.72 1.07 0.00	22.53 1.12 0.00	31.31 1.77 0.00	43.32 2.69 0.00	60.99 3.36 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.54 1.52 -19.79	37.46 1.65 -9.85	35.40 1.87 -5.87	38.26 2.14 -4.40	35.55 1.84 -6.23	39.48 2.35 0.00	73.98 3.80 0.00	74.00 2.44 -29.49	124.96 1.47 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.41 -5.55
RAVENSWOOD___3 23535	22.29 1.14 0.00	23.62 1.28 0.00	24.44 1.22 0.00	22.85 1.07 0.00	22.67 1.02 0.00	22.47 1.06 0.00	31.27 1.74 0.00	43.26 2.63 0.00	60.84 3.21 0.00	37.26 2.19 0.00	27.48 1.67 0.00	25.91 1.54 -0.09	26.77 1.41 -1.13	27.48 1.54 0.00	29.42 1.75 -0.01	33.72 2.01 0.00	35.44 1.73 -6.22	39.35 2.22 0.00	73.82 3.65 0.00	73.87 2.31 -29.49	124.90 1.40 -93.75	40.98 1.30 -10.72	37.47 1.76 -0.50	32.38 1.30 -5.27
RAVENSWOOD___4 23820	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.90 1.13 0.00	22.72 1.07 0.00	22.53 1.12 0.00	31.31 1.77 0.00	43.32 2.69 0.00	60.99 3.36 0.00	37.41 2.31 -0.03	28.31 1.80 -0.70	43.51 1.64 -17.59	45.54 1.52 -19.79	37.46 1.65 -9.85	35.40 1.87 -5.87	38.26 2.14 -4.40	35.55 1.84 -6.23	39.48 2.35 0.00	73.98 3.80 0.00	74.00 2.44 -29.49	124.96 1.47 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.41 -5.55
RCPI_TRUST___DRP 24196	22.25 1.10 0.00	23.57 1.23 0.00	24.38 1.17 0.00	22.80 1.02 0.00	22.62 0.97 0.00	22.43 1.02 0.00	31.23 1.69 0.00	43.21 2.58 0.00	60.80 3.17 0.00	37.21 2.14 0.00	27.45 1.64 0.00	25.69 1.50 0.09	26.57 1.38 -0.96	27.46 1.51 0.00	29.38 1.72 0.01	33.68 1.96 0.00	35.42 1.71 -6.22	39.31 2.19 0.00	73.77 3.60 0.00	73.39 2.25 -29.08	124.94 1.36 -93.85	40.92 1.25 -10.72	37.40 1.69 -0.50	32.33 1.25 -5.27
RED___ROCHESTER 323720	21.41 0.26 0.00	22.46 0.12 0.00	23.24 0.03 0.00	21.88 0.10 0.00	21.78 0.13 0.00	21.71 0.30 0.00	30.13 0.59 0.00	41.33 0.70 0.00	58.61 0.98 0.00	35.99 0.92 0.00	26.61 0.81 0.00	25.09 0.80 0.00	25.17 0.94 0.00	26.94 0.99 0.00	28.61 0.94 0.00	32.57 0.85 0.00	27.96 0.48 0.00	36.84 0.59 0.87	55.71 2.37 16.83	40.30 1.24 3.00	30.34 0.60 0.00	29.45 0.50 0.00	35.97 0.76 0.00	26.59 0.77 0.00
REGAN___SOLAR 323812	22.42 1.27 0.00	23.72 1.38 0.00	24.63 1.42 0.00	23.10 1.32 0.00	22.99 1.33 0.00	22.80 1.39 0.00	31.65 2.11 0.00	43.56 2.93 0.00	60.39 2.76 0.00	35.93 0.86 0.00	26.76 0.95 0.00	25.00 0.72 0.00	24.85 0.61 0.00	26.27 0.33 0.00	27.98 0.32 0.00	32.40 0.68 0.00	28.80 1.32 0.00	39.51 2.39 0.00	75.32 5.14 0.00	45.27 3.21 0.00	31.90 2.16 0.00	30.97 2.02 0.00	37.56 2.35 0.00	27.47 1.66 0.00
RENSSELAER___COGEN 23796	21.28 0.13 0.00	22.61 0.27 0.00	23.52 0.32 0.00	22.03 0.25 0.00	21.94 0.29 0.00	21.70 0.29 0.00	30.08 0.54 0.00	41.61 0.97 0.00	58.53 0.91 0.00	35.30 0.23 0.00	25.94 0.13 0.00	24.37 0.09 0.00	24.29 0.06 0.00	26.00 0.06 0.00	27.74 0.08 0.00	31.92 0.20 0.00	27.75 0.27 0.00	37.63 0.51 0.00	70.90 0.72 0.00	42.70 0.63 0.00	30.14 0.40 0.00	29.30 0.34 0.00	35.44 0.22 0.00	25.87 0.06 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.26 2.11 0.00	24.85 2.50 0.00	25.95 2.74 0.00	24.22 2.44 0.00	24.13 2.48 0.00	23.94 2.53 0.00	33.60 4.06 0.00	46.53 5.90 0.00	65.39 7.76 0.00	38.47 3.40 0.00	28.54 2.74 0.00	26.77 2.49 0.00	26.62 2.39 0.00	28.75 2.80 0.00	30.60 2.93 0.00	35.44 3.72 0.00	30.73 3.25 0.00	41.49 4.36 0.00	78.93 8.75 0.00	48.33 6.27 0.00	34.24 4.51 0.00	33.23 4.28 0.00	39.39 4.18 0.00	28.41 2.60 0.00
REVERE_CPPR_DRP 24186	21.81 0.66 0.00	23.03 0.69 0.00	23.93 0.71 0.00	22.46 0.68 0.00	22.34 0.69 0.00	22.14 0.73 0.00	30.82 1.28 0.00	42.47 1.84 0.00	60.15 2.52 0.00	36.56 1.49 0.00	26.92 1.12 0.00	25.44 0.98 -0.18	25.33 0.98 -0.12	27.14 0.99 -0.20	29.01 1.05 -0.30	33.48 1.25 -0.51	28.87 1.11 -0.28	39.44 1.52 -0.79	75.86 3.14 -2.55	45.01 1.88 -1.07	31.41 1.26 -0.41	30.51 1.20 -0.36	37.29 1.38 -0.69	26.89 0.94 -0.15
REYNOLDS_115KV_TB3 80639	21.49 0.34 0.00	22.83 0.49 0.00	23.77 0.55 0.00	22.24 0.46 0.00	22.15 0.50 0.00	21.89 0.48 0.00	30.34 0.81 0.00	42.01 1.38 0.00	59.10 1.47 0.00	35.62 0.55 0.00	26.15 0.35 0.00	24.58 0.30 0.00	24.51 0.28 0.00	26.25 0.31 0.00	28.01 0.34 0.00	32.21 0.49 0.00	27.99 0.51 0.00	37.94 0.82 0.00	71.47 1.29 0.00	43.05 0.99 0.00	30.39 0.65 0.00	29.54 0.59 0.00	35.72 0.51 0.00	26.08 0.27 0.00
RIVERBAY____ 323610	22.34 1.19 0.00	23.68 1.34 0.00	24.49 1.27 0.00	22.84 1.06 0.00	22.62 0.97 0.00	22.45 1.04 0.00	31.16 1.62 0.00	43.24 2.61 0.00	60.89 3.26 0.00	37.25 2.17 0.00	27.50 1.69 0.00	25.92 1.55 -0.09	26.77 1.41 -1.12	27.49 1.55 0.01	29.43 1.77 0.00	33.73 2.02 0.01	35.43 1.73 -6.22	39.36 2.24 0.00	73.87 3.70 0.00	73.98 2.42 -29.49	124.95 1.46 -93.75	41.06 1.38 -10.72	37.50 1.79 -0.50	32.39 1.31 -5.27
RIVERSDE_115KV_TB3 55908	21.40 0.25 0.00	22.73 0.39 0.00	23.66 0.45 0.00	22.15 0.37 0.00	22.06 0.41 0.00	21.81 0.40 0.00	30.23 0.69 0.00	41.84 1.21 0.00	58.87 1.25 0.00	35.50 0.43 0.00	26.07 0.27 0.00	24.51 0.22 0.00	24.44 0.20 0.00	26.16 0.21 0.00	27.91 0.24 0.00	32.10 0.38 0.00	27.91 0.43 0.00	37.84 0.72 0.00	71.26 1.09 0.00	42.93 0.86 0.00	30.29 0.56 0.00	29.44 0.49 0.00	35.61 0.40 0.00	26.00 0.18 0.00
ROARING___BROOK_WT_PWR 323790	21.01 -0.14 0.00	22.12 -0.22 0.00	23.04 -0.17 0.00	21.56 -0.22 0.00	21.44 -0.21 0.00	21.15 -0.26 0.00	29.14 -0.39 0.00	39.92 -0.71 0.00	56.95 -0.68 0.00	34.70 -0.36 0.00	25.56 -0.25 0.00	24.06 -0.23 0.00	23.97 -0.26 0.00	25.60 -0.35 0.00	27.29 -0.38 0.00	31.35 -0.37 0.00	27.18 -0.31 0.00	36.64 -0.48 0.00	68.98 -1.20 0.00	41.26 -0.80 0.00	29.22 -0.52 0.00	28.61 -0.34 0.00	34.93 -0.28 0.00	25.56 -0.25 0.00

ROCHESRG_115KV_T4 355643	21.15 0.00 0.00	22.19 -0.14 0.00	22.98 -0.23 0.00	21.63 -0.15 0.00	21.53 -0.12 0.00	21.44 0.03 0.00	29.72 0.18 0.00	40.75 0.12 0.00	57.79 0.16 0.00	35.50 0.42 0.00	26.24 0.43 0.00	24.74 0.46 0.00	24.82 0.59 0.00	26.57 0.62 0.00	28.24 0.57 0.00	32.14 0.42 0.00	27.58 0.10 0.00	36.21 0.04 0.95	52.93 1.28 18.52	39.34 0.56 3.29	29.90 0.16 0.00	29.04 0.09 0.00	35.48 0.27 0.00	26.25 0.44 0.00
ROCHESTER_9_IC 23652	21.28 0.13 0.00	22.33 -0.01 0.00	23.12 -0.10 0.00	21.76 -0.02 0.00	21.66 0.01 0.00	21.58 0.17 0.00	29.94 0.40 0.00	41.06 0.43 0.00	58.21 0.59 0.00	35.75 0.68 0.00	26.44 0.63 0.00	24.93 0.64 0.00	25.00 0.76 0.00	26.75 0.80 0.00	28.43 0.77 0.00	32.36 0.64 0.00	27.77 0.29 0.00	36.57 0.32 0.87	55.17 1.82 16.82	39.97 0.90 3.00	30.12 0.39 0.00	29.24 0.29 0.00	35.73 0.52 0.00	26.43 0.61 0.00
ROCKVIEW_13_KV_LD 356306	22.20 1.05 0.00	23.53 1.19 0.00	24.36 1.14 0.00	22.79 1.01 0.00	22.64 0.98 0.00	22.44 1.03 0.00	31.24 1.71 0.00	43.23 2.60 0.00	60.79 3.17 0.00	37.16 2.09 0.00	27.37 1.57 0.00	25.71 1.42 0.00	26.59 1.32 -1.04	27.38 1.44 0.00	29.31 1.64 0.00	33.60 1.88 0.00	35.35 1.65 -6.21	39.26 2.14 0.00	73.73 3.56 0.00	73.56 2.25 -29.24	124.79 1.38 -93.67	40.94 1.27 -10.72	37.39 1.68 -0.50	32.33 1.24 -5.27
ROME____115KV_TB2 80656	21.81 0.66 0.00	23.03 0.69 0.00	23.93 0.71 0.00	22.46 0.68 0.00	22.34 0.69 0.00	22.14 0.73 0.00	30.82 1.28 0.00	42.47 1.84 0.00	60.15 2.52 0.00	36.56 1.49 0.00	26.92 1.12 0.00	25.44 0.98 -0.18	25.33 0.98 -0.12	27.14 0.99 -0.20	29.01 1.05 -0.30	33.48 1.25 -0.51	28.87 1.11 -0.28	39.44 1.52 -0.79	75.86 3.14 -2.55	45.01 1.88 -1.07	31.41 1.26 -0.41	30.51 1.20 -0.36	37.29 1.38 -0.69	26.89 0.94 -0.15
ROSETON___1 23587	21.88 0.73 0.00	23.22 0.88 0.00	24.06 0.85 0.00	22.52 0.74 0.00	22.35 0.70 0.00	22.13 0.72 0.00	30.79 1.25 0.00	42.59 1.95 0.00	59.92 2.29 0.00	36.53 1.47 0.00	26.87 1.06 0.00	25.23 0.95 0.00	25.09 0.86 0.00	26.89 0.95 0.00	28.77 1.10 0.00	33.00 1.28 0.00	28.62 1.14 0.00	38.62 1.50 0.00	72.62 2.45 0.00	43.65 1.59 0.00	30.70 0.97 0.00	29.82 0.87 0.00	36.34 1.13 0.00	26.63 0.82 0.00
ROSETON___2 23588	21.88 0.73 0.00	23.22 0.88 0.00	24.06 0.85 0.00	22.52 0.74 0.00	22.35 0.70 0.00	22.13 0.72 0.00	30.79 1.25 0.00	42.59 1.95 0.00	59.92 2.29 0.00	36.53 1.47 0.00	26.87 1.06 0.00	25.23 0.95 0.00	25.09 0.86 0.00	26.89 0.95 0.00	28.77 1.10 0.00	33.00 1.28 0.00	28.62 1.14 0.00	38.62 1.50 0.00	72.62 2.45 0.00	43.65 1.59 0.00	30.70 0.97 0.00	29.82 0.87 0.00	36.34 1.13 0.00	26.63 0.82 0.00
ROTRRDAM_115KV_TB3 80664	21.74 0.59 0.00	23.06 0.72 0.00	23.99 0.78 0.00	22.49 0.70 0.00	22.35 0.70 0.00	22.10 0.69 0.00	30.61 1.07 0.00	42.26 1.63 0.00	59.48 1.85 0.00	35.91 0.84 0.00	26.41 0.61 0.00	24.81 0.53 0.00	24.74 0.51 0.00	26.48 0.53 0.00	28.24 0.58 0.00	32.48 0.76 0.00	28.24 0.75 0.00	38.30 1.17 0.00	72.33 2.16 0.00	43.52 1.45 0.00	30.72 0.98 0.00	29.86 0.90 0.00	36.19 0.97 0.00	26.45 0.64 0.00
RUSSELL___1 23602	21.41 0.26 0.00	22.46 0.12 0.00	23.24 0.03 0.00	21.88 0.10 0.00	21.78 0.13 0.00	21.71 0.30 0.00	30.13 0.59 0.00	41.34 0.70 0.00	58.61 0.98 0.00	35.99 0.92 0.00	26.62 0.81 0.00	25.08 0.80 0.00	25.16 0.93 0.00	26.93 0.98 0.00	28.60 0.94 0.00	32.57 0.85 0.00	27.95 0.47 0.00	36.83 0.58 0.87	55.69 2.34 16.83	40.27 1.20 3.00	30.34 0.60 0.00	29.44 0.49 0.00	35.96 0.74 0.00	26.58 0.77 0.00
RUSSELL___2 23532	21.41 0.26 0.00	22.46 0.12 0.00	23.24 0.03 0.00	21.88 0.10 0.00	21.78 0.13 0.00	21.71 0.30 0.00	30.13 0.59 0.00	41.34 0.70 0.00	58.61 0.98 0.00	35.99 0.92 0.00	26.62 0.81 0.00	25.08 0.80 0.00	25.16 0.93 0.00	26.93 0.98 0.00	28.60 0.94 0.00	32.57 0.85 0.00	27.95 0.47 0.00	36.83 0.58 0.87	55.69 2.34 16.83	40.27 1.20 3.00	30.34 0.60 0.00	29.44 0.49 0.00	35.96 0.74 0.00	26.58 0.77 0.00
RUSSELL___3 23549	21.41 0.26 0.00	22.46 0.12 0.00	23.24 0.03 0.00	21.88 0.10 0.00	21.78 0.13 0.00	21.71 0.30 0.00	30.13 0.59 0.00	41.34 0.70 0.00	58.61 0.98 0.00	35.99 0.92 0.00	26.62 0.81 0.00	25.08 0.80 0.00	25.16 0.93 0.00	26.93 0.98 0.00	28.60 0.94 0.00	32.57 0.85 0.00	27.95 0.47 0.00	36.83 0.58 0.87	55.69 2.34 16.83	40.27 1.20 3.00	30.34 0.60 0.00	29.44 0.49 0.00	35.96 0.74 0.00	26.58 0.77 0.00
RUSSELL___4 23556	21.41 0.26 0.00	22.46 0.12 0.00	23.24 0.03 0.00	21.88 0.10 0.00	21.78 0.13 0.00	21.71 0.30 0.00	30.13 0.59 0.00	41.34 0.70 0.00	58.61 0.98 0.00	35.99 0.92 0.00	26.62 0.81 0.00	25.08 0.80 0.00	25.16 0.93 0.00	26.93 0.98 0.00	28.60 0.94 0.00	32.57 0.85 0.00	27.95 0.47 0.00	36.83 0.58 0.87	55.69 2.34 16.83	40.27 1.20 3.00	30.34 0.60 0.00	29.44 0.49 0.00	35.96 0.74 0.00	26.58 0.77 0.00
RUSSELL___STATION 23914	21.41 0.26 0.00	22.46 0.12 0.00	23.24 0.03 0.00	21.88 0.10 0.00	21.78 0.13 0.00	21.71 0.30 0.00	30.13 0.59 0.00	41.34 0.70 0.00	58.61 0.98 0.00	35.99 0.92 0.00	26.62 0.81 0.00	25.08 0.80 0.00	25.16 0.93 0.00	26.93 0.98 0.00	28.60 0.94 0.00	32.57 0.85 0.00	27.95 0.47 0.00	36.83 0.58 0.87	55.69 2.34 16.83	40.27 1.20 3.00	30.34 0.60 0.00	29.44 0.49 0.00	35.96 0.74 0.00	26.58 0.77 0.00
S SALMON___HYD 24043	21.06 -0.09 0.00	22.23 -0.11 0.00	23.07 -0.14 0.00	21.69 -0.09 0.00	21.55 -0.10 0.00	21.36 -0.06 0.00	29.65 0.11 0.00	40.70 0.07 0.00	57.73 0.10 0.00	35.21 0.14 0.00	25.92 0.11 0.00	25.16 0.04 -0.83	24.76 -0.02 -0.54	26.81 -0.07 -0.94	28.91 -0.11 -1.35	33.89 -0.14 -2.32	28.59 -0.17 -1.28	40.53 -0.21 -3.62	81.76 -0.02 -11.61	46.92 0.00 -4.86	31.58 -0.01 -1.86	30.69 0.09 -1.65	38.44 0.07 -3.17	26.54 0.05 -0.68
S.PERRY__115KV_TB1 80734	21.54 0.40 0.00	22.58 0.24 0.00	23.34 0.13 0.00	21.97 0.19 0.00	21.86 0.21 0.00	21.85 0.44 0.00	30.47 0.93 0.00	41.69 1.05 0.00	59.27 1.64 0.00	36.14 1.07 0.00	26.61 0.80 0.00	25.00 0.72 0.00	25.08 0.84 0.00	26.87 0.93 0.00	28.35 0.68 0.00	31.83 0.11 0.00	26.91 -0.57 0.00	38.07 -0.58 -1.52	102.95 1.32 -31.46	47.91 0.82 -5.03	30.19 0.45 0.00	29.22 0.27 0.00	36.25 1.04 0.00	26.95 1.14 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.89 -0.26 0.00	21.82 -0.52 0.00	22.58 -0.63 0.00	21.28 -0.51 0.00	21.19 -0.47 0.00	21.15 -0.25 0.00	29.32 -0.22 0.00	39.99 -0.64 0.00	56.79 -0.84 0.00	35.05 -0.02 0.00	26.00 0.20 0.00	24.62 0.33 0.00	24.80 0.57 0.00	26.59 0.65 0.00	28.22 0.56 0.00	31.94 0.22 0.00	27.26 -0.22 0.00	23.91 -0.54 12.67	-178.03 0.82 249.03	-0.54 0.12 42.72	29.54 -0.19 0.00	28.66 -0.29 0.00	35.15 -0.06 0.00	26.19 0.37 0.00

SAWYER___23_KV_LOAD 55526	20.89 -0.26 0.00	21.82 -0.52 0.00	22.58 -0.63 0.00	21.28 -0.51 0.00	21.19 -0.47 0.00	21.15 -0.25 0.00	29.32 -0.22 0.00	39.99 -0.64 0.00	56.79 -0.84 0.00	35.05 -0.02 0.00	26.00 0.20 0.00	24.62 0.33 0.00	24.80 0.57 0.00	26.59 0.65 0.00	28.22 0.56 0.00	31.94 0.22 0.00	27.26 -0.22 0.00	23.91 -0.54 12.67	-178.03 0.82 249.03	-0.54 0.12 42.72	29.54 -0.19 0.00	28.66 -0.29 0.00	35.15 -0.06 0.00	26.19 0.37 0.00
SELKIRK___I 23801	21.58 0.43 0.00	22.92 0.58 0.00	23.86 0.65 0.00	22.37 0.59 0.00	22.24 0.58 0.00	21.95 0.54 0.00	30.38 0.84 0.00	41.94 1.31 0.00	58.85 1.23 0.00	35.41 0.34 0.00	26.05 0.25 0.00	24.48 0.20 0.00	24.39 0.16 0.00	26.08 0.13 0.00	27.82 0.16 0.00	32.03 0.30 0.00	27.86 0.38 0.00	37.92 0.80 0.00	71.61 1.43 0.00	43.09 1.03 0.00	30.43 0.69 0.00	29.59 0.64 0.00	35.82 0.61 0.00	26.17 0.36 0.00
SELKIRK___II 23799	21.40 0.25 0.00	22.72 0.39 0.00	23.65 0.44 0.00	22.15 0.38 0.00	22.05 0.40 0.00	21.78 0.37 0.00	30.20 0.66 0.00	41.74 1.11 0.00	58.73 1.10 0.00	35.42 0.35 0.00	26.01 0.21 0.00	24.45 0.17 0.00	24.37 0.13 0.00	26.08 0.13 0.00	27.82 0.16 0.00	32.01 0.29 0.00	27.82 0.34 0.00	37.75 0.63 0.00	71.19 1.02 0.00	42.86 0.79 0.00	30.25 0.51 0.00	29.41 0.46 0.00	35.59 0.37 0.00	25.99 0.18 0.00
SENECA OSWGO___HYD 24041	20.76 -0.39 0.00	21.92 -0.43 0.00	22.73 -0.49 0.00	21.39 -0.39 0.00	21.25 -0.40 0.00	21.06 -0.35 0.00	29.12 -0.42 0.00	40.11 -0.52 0.00	56.76 -0.87 0.00	34.62 -0.44 0.00	25.49 -0.32 0.00	25.13 -0.32 -1.16	24.73 -0.27 -0.77	26.97 -0.29 -1.32	29.24 -0.32 -1.90	34.52 -0.45 -3.25	28.82 -0.46 -1.79	41.59 -0.60 -5.07	85.65 -0.79 -16.27	48.41 -0.46 -6.80	31.94 -0.40 -2.60	30.82 -0.44 -2.31	39.11 -0.53 -4.43	26.39 -0.38 -0.95
SENECA___115KV_TB3 355854	21.07 -0.08 0.00	22.03 -0.31 0.00	22.78 -0.43 0.00	21.48 -0.30 0.00	21.38 -0.28 0.00	21.36 -0.05 0.00	29.63 0.09 0.00	40.47 -0.16 0.00	57.45 -0.18 0.00	35.41 0.34 0.00	26.25 0.44 0.00	24.90 0.61 0.00	25.07 0.84 0.00	26.90 0.95 0.00	28.56 0.89 0.00	32.31 0.60 0.00	27.57 0.09 0.00	47.12 -0.23 -10.23	266.98 1.33 -195.48	77.27 0.56 -34.65	29.95 0.21 0.00	29.02 0.07 0.00	35.57 0.36 0.00	26.43 0.62 0.00
SENECA___ENERGY 23797	21.02 -0.13 0.00	22.17 -0.17 0.00	22.95 -0.27 0.00	21.62 -0.16 0.00	21.50 -0.15 0.00	21.36 -0.05 0.00	29.65 0.11 0.00	40.74 0.11 0.00	57.64 0.01 0.00	35.33 0.25 0.00	26.02 0.22 0.00	25.08 0.27 -0.53	24.97 0.39 -0.35	27.00 0.45 -0.60	28.93 0.40 -0.86	33.47 0.28 -1.47	28.39 0.09 -0.82	39.50 0.05 -2.32	78.43 0.80 -7.46	45.71 0.53 -3.12	31.22 0.29 -1.19	30.14 0.13 -1.06	37.41 0.16 -2.03	26.46 0.22 -0.44
SHOEMAKER___GT 23640	21.77 0.62 0.00	23.08 0.74 0.00	23.93 0.71 0.00	22.39 0.61 0.00	22.23 0.58 0.00	22.03 0.62 0.00	30.64 1.10 0.00	42.34 1.71 0.00	59.55 1.93 0.00	36.24 1.17 0.00	26.63 0.82 0.00	24.99 0.71 0.00	23.91 0.64 0.96	26.65 0.70 0.00	28.50 0.84 0.00	32.68 0.96 0.00	22.65 0.89 5.72	38.35 1.22 0.00	72.35 2.18 0.00	29.52 1.42 13.97	-14.47 0.87 45.07	22.94 0.76 6.76	35.89 0.99 0.31	23.21 0.73 3.33
SHOEMAKR_138KV_BK 111 55601	21.76 0.61 0.00	23.08 0.74 0.00	23.91 0.70 0.00	22.38 0.60 0.00	22.22 0.57 0.00	22.02 0.61 0.00	30.62 1.08 0.00	42.33 1.70 0.00	59.54 1.91 0.00	36.25 1.18 0.00	26.64 0.83 0.00	25.01 0.73 0.00	23.97 0.65 0.91	26.67 0.72 0.00	28.52 0.86 0.00	32.71 0.99 0.00	22.93 0.90 5.45	38.34 1.22 0.00	72.31 2.15 0.00	30.17 1.39 13.28	-12.29 0.84 42.86	23.23 0.73 6.46	35.89 0.97 0.30	23.35 0.71 3.17
SHOREHAM_IC_1 23715	22.62 1.46 0.00	23.90 1.56 0.00	24.70 1.49 0.00	23.13 1.35 0.00	22.94 1.29 0.00	22.68 1.27 0.00	31.59 2.05 0.00	43.56 2.93 0.00	61.48 3.85 0.00	37.34 2.27 0.00	27.51 1.71 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.45 1.51 0.00	29.36 1.70 0.00	33.73 2.01 0.00	34.20 1.77 -4.95	38.20 2.39 1.32	40.42 4.13 33.89	72.18 2.55 -27.56	58.74 1.59 -27.40	36.73 1.48 -6.30	37.70 1.99 -0.50	32.81 1.72 -5.28
SHOREHAM_IC_2 23716	22.62 1.46 0.00	23.90 1.56 0.00	24.70 1.49 0.00	23.13 1.35 0.00	22.94 1.29 0.00	22.68 1.27 0.00	31.59 2.05 0.00	43.56 2.93 0.00	61.48 3.85 0.00	37.34 2.27 0.00	27.51 1.71 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.45 1.51 0.00	29.36 1.70 0.00	33.73 2.01 0.00	34.20 1.77 -4.95	38.20 2.39 1.32	40.42 4.13 33.89	72.18 2.55 -27.56	58.74 1.59 -27.40	36.73 1.48 -6.30	37.70 1.99 -0.50	32.81 1.72 -5.28
SISSONVILLE____ 23735	21.37 0.22 0.00	22.30 -0.04 0.00	23.25 0.04 0.00	21.75 -0.03 0.00	21.69 0.04 0.00	21.33 -0.08 0.00	29.15 -0.39 0.00	39.37 -1.26 0.00	56.36 -1.27 0.00	34.59 -0.48 0.00	25.62 -0.18 0.00	25.90 -0.16 -1.78	25.11 -0.30 -1.18	25.55 -0.52 -0.13	30.75 -0.67 -3.75	31.27 -0.77 -0.32	27.08 -0.58 -0.18	36.78 -0.84 -0.50	75.58 -1.82 -7.23	49.56 -1.12 -8.62	29.92 -0.60 -0.79	28.94 -0.24 -0.23	35.54 -0.11 -0.44	25.99 0.08 -0.10
SITHE_IND_GS1 24169	20.53 -0.62 0.00	21.66 -0.68 0.00	22.46 -0.75 0.00	21.15 -0.63 0.00	21.01 -0.64 0.00	20.80 -0.61 0.00	28.71 -0.83 0.00	39.48 -1.15 0.00	55.91 -1.72 0.00	34.14 -0.93 0.00	25.13 -0.68 0.00	20.30 -0.64 3.34	21.45 -0.58 2.20	21.55 -0.62 3.77	21.55 -0.68 5.44	21.57 -0.84 9.32	21.57 -0.77 5.15	21.57 -1.04 14.52	21.83 -1.75 46.59	21.55 -1.02 19.49	21.50 -0.78 7.45	21.55 -0.80 6.60	21.55 -0.97 12.69	22.40 -0.68 2.73
SITHE_IND_GS2 24170	20.53 -0.62 0.00	21.66 -0.68 0.00	22.46 -0.75 0.00	21.15 -0.63 0.00	21.01 -0.64 0.00	20.80 -0.61 0.00	28.71 -0.83 0.00	39.48 -1.15 0.00	55.91 -1.72 0.00	34.14 -0.93 0.00	25.13 -0.68 0.00	20.30 -0.64 3.34	21.45 -0.58 2.20	21.55 -0.62 3.77	21.55 -0.68 5.44	21.57 -0.84 9.32	21.57 -0.77 5.15	21.57 -1.04 14.52	21.83 -1.75 46.59	21.55 -1.02 19.49	21.50 -0.78 7.45	21.55 -0.80 6.60	21.55 -0.97 12.69	22.40 -0.68 2.73
SITHE_IND_GS3 24171	20.53 -0.62 0.00	21.66 -0.68 0.00	22.46 -0.75 0.00	21.15 -0.63 0.00	21.01 -0.64 0.00	20.80 -0.61 0.00	28.71 -0.83 0.00	39.48 -1.15 0.00	55.91 -1.72 0.00	34.14 -0.93 0.00	25.13 -0.68 0.00	20.30 -0.64 3.34	21.45 -0.58 2.20	21.55 -0.62 3.77	21.55 -0.68 5.44	21.57 -0.84 9.32	21.57 -0.77 5.15	21.57 -1.04 14.52	21.83 -1.75 46.59	21.55 -1.02 19.49	21.50 -0.78 7.45	21.55 -0.80 6.60	21.55 -0.97 12.69	22.40 -0.68 2.73
SITHE_IND_GS4 24172	20.53 -0.62 0.00	21.66 -0.68 0.00	22.46 -0.75 0.00	21.15 -0.63 0.00	21.01 -0.64 0.00	20.80 -0.61 0.00	28.71 -0.83 0.00	39.48 -1.15 0.00	55.91 -1.72 0.00	34.14 -0.93 0.00	25.13 -0.68 0.00	20.30 -0.64 3.34	21.45 -0.58 2.20	21.55 -0.62 3.77	21.55 -0.68 5.44	21.57 -0.84 9.32	21.57 -0.77 5.15	21.57 -1.04 14.52	21.83 -1.75 46.59	21.55 -1.02 19.49	21.50 -0.78 7.45	21.55 -0.80 6.60	21.55 -0.97 12.69	22.40 -0.68 2.73

SITHE___BATAVIA 24024	21.42 0.27 0.00	22.40 0.05 0.00	23.18 -0.04 0.00	21.83 0.05 0.00	21.75 0.09 0.00	21.74 0.33 0.00	30.24 0.70 0.00	41.46 0.83 0.00	58.82 1.19 0.00	36.10 1.03 0.00	26.78 0.97 0.00	25.22 0.94 0.00	25.21 0.97 0.00	26.90 0.95 0.00	28.57 0.90 0.00	32.38 0.66 0.00	27.77 0.29 0.00	37.48 0.35 0.00	73.06 2.89 0.00	43.59 1.53 0.00	30.51 0.77 0.00	29.59 0.64 0.00	36.18 0.97 0.00	26.86 1.05 0.00
SITHE___INDEPEND 23800	20.53 -0.62 0.00	21.66 -0.68 0.00	22.46 -0.75 0.00	21.15 -0.63 0.00	21.01 -0.64 0.00	20.80 -0.61 0.00	28.71 -0.83 0.00	39.48 -1.15 0.00	55.91 -1.72 0.00	34.13 -0.94 0.00	25.13 -0.68 0.00	20.30 -0.64 3.34	21.45 -0.58 2.20	21.55 -0.63 3.77	21.55 -0.68 5.44	21.57 -0.84 9.32	21.57 -0.77 5.15	21.56 -1.04 14.52	21.83 -1.75 46.59	21.54 -1.03 19.49	21.50 -0.78 7.45	21.55 -0.80 6.60	21.55 -0.97 12.69	22.40 -0.68 2.73
SITHE___MASSENA 23902	21.35 0.20 0.00	22.28 -0.06 0.00	23.23 0.01 0.00	21.74 -0.04 0.00	21.67 0.02 0.00	21.40 -0.01 0.00	29.32 -0.22 0.00	39.83 -0.80 0.00	57.04 -0.59 0.00	34.83 -0.24 0.00	25.69 -0.11 0.00	24.59 -0.07 -0.37	24.34 -0.14 -0.25	25.75 -0.20 0.00	28.21 -0.26 -0.81	31.45 -0.26 0.00	27.29 -0.19 0.00	36.78 -0.34 0.00	70.55 -0.89 -1.27	43.29 -0.57 -1.80	29.63 -0.23 -0.12	28.94 -0.01 0.00	35.31 0.10 0.00	25.95 0.14 0.00
SITHE___OGDNSBRG 24021	21.74 0.59 0.00	22.65 0.31 0.00	23.60 0.39 0.00	22.08 0.30 0.00	22.05 0.40 0.00	21.76 0.35 0.00	29.85 0.31 0.00	40.43 -0.20 0.00	57.87 0.24 0.00	35.35 0.28 0.00	26.01 0.20 0.00	25.66 0.21 -1.16	25.01 0.00 -0.77	25.84 -0.10 0.00	30.09 -0.06 -2.49	31.74 0.02 0.00	27.63 0.14 0.00	37.28 0.15 0.00	74.34 0.24 -3.92	47.75 0.13 -5.55	30.37 0.26 -0.37	29.45 0.50 0.00	35.91 0.70 0.00	26.41 0.59 0.00
SITHE___STERLING 23777	21.61 0.46 0.00	22.83 0.49 0.00	23.71 0.50 0.00	22.26 0.49 0.00	22.14 0.48 0.00	21.95 0.54 0.00	30.52 0.98 0.00	42.08 1.45 0.00	59.53 1.91 0.00	36.20 1.13 0.00	26.64 0.83 0.00	25.21 0.73 -0.20	25.12 0.76 -0.13	26.96 0.79 -0.22	28.81 0.83 -0.32	33.24 0.97 -0.55	28.63 0.85 -0.30	39.14 1.16 -0.86	75.38 2.46 -2.75	44.69 1.47 -1.15	31.14 0.97 -0.44	30.22 0.88 -0.39	36.96 0.99 -0.75	26.64 0.67 -0.16
SLEIGHT__34_KV_TB1 80719	21.40 0.25 0.00	22.46 0.12 0.00	23.25 0.04 0.00	21.88 0.10 0.00	21.77 0.12 0.00	21.69 0.28 0.00	30.14 0.61 0.00	41.43 0.79 0.00	58.73 1.10 0.00	36.02 0.95 0.00	26.61 0.80 0.00	25.07 0.79 0.00	25.15 0.91 0.00	26.92 0.97 0.00	28.63 0.96 0.00	32.63 0.91 0.00	28.04 0.56 0.00	37.03 0.72 0.81	56.93 2.49 15.73	40.56 1.30 2.80	30.43 0.69 0.00	29.52 0.56 0.00	35.98 0.76 0.00	26.54 0.73 0.00
SOUTH CAIRO___GT 23612	22.06 0.91 0.00	23.41 1.06 0.00	24.38 1.17 0.00	22.85 1.07 0.00	22.77 1.12 0.00	22.55 1.14 0.00	31.39 1.85 0.00	43.50 2.87 0.00	60.92 3.29 0.00	36.23 1.16 0.00	26.46 0.65 0.00	24.88 0.60 0.00	24.76 0.53 0.00	26.44 0.49 0.00	28.15 0.48 0.00	32.53 0.81 0.00	28.37 0.89 0.00	39.06 1.94 0.00	74.70 4.53 0.00	44.98 2.92 0.00	31.69 1.95 0.00	30.75 1.80 0.00	36.98 1.77 0.00	26.89 1.08 0.00
SOUTH HAMPTN___IC 23720	22.81 1.66 0.00	24.10 1.76 0.00	24.91 1.70 0.00	23.32 1.54 0.00	23.14 1.49 0.00	22.89 1.48 0.00	31.91 2.37 0.00	43.99 3.36 0.00	62.10 4.47 0.00	37.71 2.64 0.00	27.78 1.98 0.00	26.01 1.73 0.00	26.97 1.69 -1.05	27.73 1.78 0.00	29.66 2.00 0.00	34.09 2.37 0.00	34.51 2.09 -4.95	38.63 2.83 1.32	41.21 4.97 33.94	72.68 3.06 -27.56	58.98 1.94 -27.30	37.07 1.82 -6.29	38.07 2.36 -0.50	33.05 1.96 -5.28
SOUTHDOW_115KV_TB1 355954	21.52 0.37 0.00	22.67 0.33 0.00	23.34 0.13 0.00	21.99 0.21 0.00	21.86 0.21 0.00	21.88 0.47 0.00	30.54 1.00 0.00	41.93 1.30 0.00	59.28 1.66 0.00	36.56 1.49 0.00	27.04 1.24 0.00	25.75 1.46 0.00	25.99 1.75 0.00	27.96 2.01 0.00	29.67 2.01 0.00	33.54 1.82 0.00	28.55 1.06 0.00	49.27 1.06 -11.09	278.64 4.00 -204.47	83.73 2.21 -39.45	31.15 1.42 0.00	30.03 1.08 0.00	36.72 1.51 0.00	27.15 1.34 0.00
SOUTHOLD_69_KV_BK 2 55809	23.09 1.94 0.00	24.38 2.04 0.00	25.20 1.99 0.00	23.62 1.84 0.00	23.43 1.78 0.00	23.20 1.79 0.00	32.37 2.83 0.00	44.65 4.01 0.00	62.99 5.37 0.00	38.25 3.18 0.00	28.15 2.34 0.00	26.35 2.07 0.00	27.30 2.02 -1.05	28.09 2.14 0.00	30.05 2.39 0.00	34.57 2.85 0.00	34.97 2.54 -4.95	39.30 3.50 1.32	42.55 6.32 33.93	73.49 3.86 -27.56	59.52 2.48 -27.31	37.56 2.31 -6.29	38.62 2.91 -0.50	33.44 2.35 -5.28
SOUTHOLD___IC 23719	23.09 1.94 0.00	24.38 2.04 0.00	25.20 1.99 0.00	23.62 1.84 0.00	23.44 1.78 0.00	23.19 1.78 0.00	32.37 2.83 0.00	44.64 4.01 0.00	62.99 5.36 0.00	38.25 3.18 0.00	28.15 2.35 0.00	26.35 2.07 0.00	27.31 2.02 -1.05	28.09 2.14 0.00	30.05 2.39 0.00	34.57 2.85 0.00	34.96 2.54 -4.95	39.29 3.49 1.32	42.55 6.32 33.93	73.49 3.86 -27.56	59.52 2.48 -27.31	37.56 2.31 -6.29	38.61 2.90 -0.50	33.44 2.35 -5.28
SOUTH_FORK_WT_PWR 323839	23.13 1.98 0.00	24.43 2.09 0.00	25.25 2.04 0.00	23.67 1.89 0.00	23.49 1.83 0.00	23.25 1.84 0.00	32.44 2.90 0.00	44.74 4.11 0.00	63.14 5.51 0.00	38.32 3.25 0.00	28.22 2.41 0.00	26.41 2.13 0.00	27.36 2.08 -1.05	28.15 2.20 0.00	30.12 2.46 0.00	34.65 2.93 0.00	35.04 2.62 -4.95	39.40 3.60 1.32	42.75 6.51 33.93	73.59 3.97 -27.56	59.60 2.55 -27.31	37.63 2.38 -6.29	38.70 2.99 -0.50	33.49 2.41 -5.28
SPIERFLS_115KV_TB 1 80737	22.30 1.15 0.00	23.69 1.35 0.00	24.66 1.45 0.00	23.10 1.32 0.00	23.00 1.34 0.00	22.77 1.36 0.00	31.66 2.12 0.00	43.86 3.23 0.00	61.70 4.08 0.00	36.98 1.91 0.00	27.21 1.40 0.00	25.55 1.27 0.00	25.45 1.22 0.00	27.29 1.35 0.00	29.06 1.40 0.00	33.51 1.80 0.00	29.14 1.66 0.00	39.57 2.44 0.00	74.96 4.79 0.00	45.29 3.22 0.00	31.96 2.22 0.00	31.03 2.08 0.00	37.33 2.12 0.00	27.17 1.36 0.00
ST LAWRENCE____ 23600	21.09 -0.06 0.00	22.06 -0.29 0.00	22.97 -0.25 0.00	21.50 -0.29 0.00	21.42 -0.22 0.00	21.16 -0.25 0.00	29.01 -0.52 0.00	39.50 -1.13 0.00	56.53 -1.09 0.00	34.49 -0.58 0.00	25.42 -0.38 0.00	23.96 -0.32 0.00	23.87 -0.36 0.00	25.53 -0.41 0.00	27.19 -0.48 0.00	31.21 -0.51 0.00	27.07 -0.41 0.00	36.48 -0.65 0.00	68.70 -1.47 0.00	41.13 -0.93 0.00	29.25 -0.49 0.00	28.66 -0.29 0.00	34.95 -0.27 0.00	25.65 -0.16 0.00
STATE_CA_115KV_115_LB 55624	21.40 0.25 0.00	22.73 0.39 0.00	23.64 0.43 0.00	22.14 0.37 0.00	22.06 0.40 0.00	21.81 0.40 0.00	30.25 0.72 0.00	41.84 1.21 0.00	58.89 1.27 0.00	35.53 0.46 0.00	26.11 0.30 0.00	24.54 0.25 0.00	24.45 0.22 0.00	26.18 0.23 0.00	27.93 0.27 0.00	32.14 0.42 0.00	27.95 0.47 0.00	37.90 0.78 0.00	71.39 1.22 0.00	42.98 0.92 0.00	30.33 0.59 0.00	29.47 0.52 0.00	35.64 0.43 0.00	26.02 0.21 0.00

STATE_ST_34_KV_LOAD 55959	21.18 0.03 0.00	22.38 0.04 0.00	23.08 -0.12 0.00	21.84 0.06 0.00	21.73 0.07 0.00	21.42 0.01 0.00	29.66 0.12 0.00	40.81 0.17 0.00	57.75 0.12 0.00	35.22 0.15 0.00	25.91 0.10 0.00	25.06 0.12 -0.66	24.85 0.18 -0.44	26.91 0.21 -0.75	28.95 0.21 -1.08	33.70 0.13 -1.85	28.59 0.08 -1.03	40.14 0.11 -2.90	80.12 0.64 -9.31	46.34 0.38 -3.89	31.42 0.20 -1.49	30.36 0.09 -1.32	37.86 0.11 -2.54	26.56 0.20 -0.55
STATION_5_MISC_HYD 23604	21.28 0.13 0.00	22.33 -0.01 0.00	23.12 -0.10 0.00	21.76 -0.02 0.00	21.66 0.01 0.00	21.58 0.17 0.00	29.94 0.40 0.00	41.06 0.43 0.00	58.22 0.59 0.00	35.75 0.69 0.00	26.44 0.64 0.00	24.93 0.64 0.00	25.00 0.77 0.00	26.76 0.81 0.00	28.43 0.76 0.00	32.37 0.65 0.00	27.77 0.29 0.00	36.58 0.32 0.87	55.20 1.85 16.82	39.98 0.91 3.00	30.12 0.39 0.00	29.25 0.30 0.00	35.74 0.52 0.00	26.43 0.62 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.37 0.22 0.00	22.47 0.13 0.00	23.25 0.04 0.00	21.89 0.11 0.00	21.80 0.14 0.00	21.69 0.28 0.00	30.13 0.59 0.00	41.37 0.73 0.00	58.64 1.02 0.00	35.95 0.88 0.00	26.54 0.74 0.00	25.16 0.76 -0.11	25.18 0.87 -0.08	27.01 0.94 -0.13	28.78 0.92 -0.19	32.89 0.86 -0.32	28.18 0.52 -0.18	37.80 0.67 -0.01	64.06 2.28 8.39	42.25 1.28 1.10	30.74 0.72 -0.27	29.78 0.58 -0.24	36.45 0.77 -0.47	26.62 0.71 -0.10
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.28 0.13 0.00	22.33 -0.01 0.00	23.12 -0.10 0.00	21.76 -0.02 0.00	21.66 0.01 0.00	21.57 0.16 0.00	29.93 0.39 0.00	41.07 0.44 0.00	58.24 0.61 0.00	35.77 0.70 0.00	26.44 0.64 0.00	24.91 0.63 0.00	24.98 0.75 0.00	26.73 0.79 0.00	28.41 0.75 0.00	32.36 0.64 0.00	27.78 0.30 0.00	36.66 0.34 0.80	56.41 1.79 15.55	40.17 0.88 2.77	30.12 0.38 0.00	29.24 0.29 0.00	35.70 0.49 0.00	26.39 0.58 0.00
STA_56___34_KV_BUS2 355983	21.28 0.13 0.00	22.33 -0.01 0.00	23.12 -0.10 0.00	21.76 -0.02 0.00	21.66 0.01 0.00	21.57 0.16 0.00	29.93 0.39 0.00	41.07 0.44 0.00	58.24 0.61 0.00	35.77 0.70 0.00	26.44 0.64 0.00	24.91 0.63 0.00	24.98 0.75 0.00	26.73 0.79 0.00	28.41 0.75 0.00	32.36 0.64 0.00	27.78 0.30 0.00	36.66 0.34 0.80	56.41 1.79 15.55	40.17 0.88 2.77	30.12 0.38 0.00	29.24 0.29 0.00	35.70 0.49 0.00	26.39 0.58 0.00
STA_67___115KV_BK2 355882	21.23 0.08 0.00	22.28 -0.06 0.00	23.07 -0.14 0.00	21.71 -0.07 0.00	21.60 -0.05 0.00	21.53 0.11 0.00	29.85 0.31 0.00	40.95 0.31 0.00	58.06 0.43 0.00	35.65 0.58 0.00	26.36 0.56 0.00	24.85 0.57 0.00	24.93 0.69 0.00	26.67 0.73 0.00	28.35 0.68 0.00	32.27 0.55 0.00	27.69 0.21 0.00	36.45 0.21 0.88	54.71 1.61 17.07	39.80 0.77 3.04	30.03 0.30 0.00	29.17 0.21 0.00	35.64 0.42 0.00	26.35 0.54 0.00
STA_7___115KV_9TRANS 80674	21.41 0.26 0.00	22.46 0.12 0.00	23.24 0.03 0.00	21.88 0.10 0.00	21.78 0.13 0.00	21.71 0.30 0.00	30.13 0.59 0.00	41.34 0.70 0.00	58.61 0.98 0.00	35.99 0.92 0.00	26.62 0.81 0.00	25.08 0.80 0.00	25.16 0.93 0.00	26.93 0.98 0.00	28.60 0.94 0.00	32.57 0.85 0.00	27.95 0.47 0.00	36.83 0.58 0.87	55.69 2.34 16.83	40.27 1.20 3.00	30.34 0.60 0.00	29.44 0.49 0.00	35.96 0.74 0.00	26.58 0.77 0.00
STA_82___115KV_TB1 80780	21.24 0.09 0.00	22.29 -0.05 0.00	23.07 -0.14 0.00	21.72 -0.06 0.00	21.62 -0.03 0.00	21.53 0.12 0.00	29.87 0.33 0.00	40.96 0.33 0.00	58.09 0.46 0.00	35.67 0.60 0.00	26.37 0.56 0.00	24.87 0.58 0.00	24.94 0.71 0.00	26.68 0.74 0.00	28.35 0.69 0.00	32.28 0.56 0.00	27.70 0.22 0.00	36.54 0.23 0.81	56.21 1.67 15.63	40.07 0.79 2.79	30.06 0.32 0.00	29.18 0.23 0.00	35.65 0.44 0.00	26.38 0.56 0.00
STEEL___WIND 323596	21.05 -0.10 0.00	22.01 -0.33 0.00	22.77 -0.44 0.00	21.46 -0.32 0.00	21.35 -0.31 0.00	21.33 -0.08 0.00	29.60 0.06 0.00	40.44 -0.19 0.00	57.38 -0.25 0.00	35.37 0.30 0.00	26.22 0.42 0.00	24.86 0.57 0.00	25.04 0.81 0.00	26.86 0.92 0.00	28.51 0.84 0.00	32.27 0.55 0.00	27.52 0.04 0.00	47.08 -0.27 -10.23	266.90 1.25 -195.48	77.24 0.52 -34.65	29.92 0.18 0.00	29.00 0.05 0.00	35.53 0.32 0.00	26.41 0.60 0.00
STEPHTWN_115KV_BK_2 55603	21.50 0.35 0.00	22.78 0.44 0.00	23.72 0.50 0.00	22.22 0.44 0.00	22.13 0.47 0.00	21.94 0.53 0.00	30.51 0.97 0.00	42.15 1.51 0.00	59.23 1.60 0.00	35.72 0.65 0.00	26.24 0.43 0.00	24.64 0.36 0.00	24.55 0.32 0.00	26.26 0.32 0.00	28.04 0.37 0.00	32.27 0.55 0.00	28.08 0.60 0.00	38.12 1.00 0.00	71.76 1.59 0.00	43.26 1.20 0.00	30.55 0.82 0.00	29.65 0.70 0.00	35.80 0.59 0.00	26.15 0.34 0.00
STEUBEN_REC_LFGE 323667	20.72 -0.43 0.00	21.77 -0.57 0.00	22.44 -0.77 0.00	21.11 -0.67 0.00	20.95 -0.69 0.00	21.00 -0.41 0.00	29.20 -0.34 0.00	39.28 -1.35 0.00	55.83 -1.80 0.00	34.46 -0.61 0.00	25.55 -0.26 0.00	24.52 0.10 -0.13	24.74 0.42 -0.08	26.72 0.62 -0.15	28.41 0.54 -0.21	32.25 0.17 -0.36	27.35 -0.36 -0.22	40.16 -0.24 -3.29	125.15 1.54 -53.44	52.38 0.57 -9.74	30.49 0.40 -0.36	29.43 0.16 -0.32	36.08 0.26 -0.61	26.10 0.16 -0.13
STILLWATER___SOLAR 323814	22.09 0.94 0.00	23.45 1.11 0.00	24.40 1.19 0.00	22.86 1.08 0.00	22.75 1.10 0.00	22.51 1.10 0.00	31.24 1.70 0.00	43.21 2.58 0.00	60.75 3.13 0.00	36.50 1.44 0.00	26.83 1.03 0.00	25.20 0.92 0.00	25.14 0.90 0.00	26.94 0.99 0.00	28.68 1.01 0.00	33.05 1.33 0.00	28.74 1.26 0.00	39.03 1.91 0.00	73.84 3.67 0.00	44.50 2.44 0.00	31.40 1.67 0.00	30.52 1.56 0.00	36.85 1.63 0.00	26.87 1.06 0.00
STONY___BROOK 24151	22.46 1.31 0.00	23.75 1.41 0.00	24.56 1.34 0.00	22.98 1.20 0.00	22.79 1.14 0.00	22.51 1.10 0.00	31.36 1.82 0.00	43.27 2.64 0.00	61.13 3.50 0.00	37.14 2.07 0.00	27.43 1.62 0.00	25.68 1.40 0.00	26.64 1.36 -1.05	27.38 1.43 0.00	29.28 1.61 0.00	33.60 1.88 0.00	34.06 1.63 -4.95	37.85 2.04 1.31	39.58 3.18 33.77	71.64 2.01 -27.57	58.61 1.23 -27.64	36.54 1.27 -6.32	37.43 1.72 -0.50	32.66 1.57 -5.28
STURGEON_POOL_HYD 23609	21.91 0.76 0.00	23.24 0.90 0.00	24.07 0.86 0.00	22.52 0.74 0.00	22.34 0.69 0.00	22.14 0.73 0.00	30.80 1.27 0.00	42.62 1.99 0.00	60.03 2.40 0.00	36.75 1.68 0.00	26.99 1.18 0.00	25.33 1.04 0.00	25.18 0.94 0.00	27.00 1.06 0.00	28.93 1.26 0.00	33.16 1.44 0.00	28.75 1.27 0.00	38.73 1.61 0.00	72.76 2.59 0.00	43.71 1.64 0.00	30.73 0.99 0.00	29.83 0.88 0.00	36.42 1.20 0.00	26.70 0.89 0.00
ST_LAW_115_BK7_LBMP 345037	21.10 -0.05 0.00	22.06 -0.29 0.00	22.97 -0.24 0.00	21.50 -0.28 0.00	21.43 -0.22 0.00	21.16 -0.25 0.00	29.00 -0.54 0.00	39.44 -1.19 0.00	56.49 -1.13 0.00	34.47 -0.60 0.00	25.41 -0.39 0.00	23.95 -0.34 0.00	23.86 -0.38 0.00	25.51 -0.43 0.00	27.16 -0.50 0.00	31.18 -0.54 0.00	27.05 -0.44 0.00	36.44 -0.68 0.00	68.63 -1.54 0.00	41.09 -0.97 0.00	29.22 -0.51 0.00	28.65 -0.30 0.00	34.95 -0.27 0.00	25.66 -0.15 0.00

ST_LAW_115_BK8_LBMP 345038	21.10 -0.05 0.00	22.06 -0.29 0.00	22.97 -0.24 0.00	21.50 -0.28 0.00	21.43 -0.22 0.00	21.16 -0.25 0.00	29.00 -0.54 0.00	39.44 -1.19 0.00	56.49 -1.13 0.00	34.47 -0.60 0.00	25.41 -0.39 0.00	23.95 -0.34 0.00	23.86 -0.38 0.00	25.51 -0.43 0.00	27.16 -0.50 0.00	31.18 -0.54 0.00	27.05 -0.44 0.00	36.44 -0.68 0.00	68.63 -1.54 0.00	41.09 -0.97 0.00	29.22 -0.51 0.00	28.65 -0.30 0.00	34.95 -0.27 0.00	25.66 -0.15 0.00
ST_LAW_230_BK5_LBMP 345035	21.09 -0.06 0.00	22.06 -0.29 0.00	22.97 -0.25 0.00	21.50 -0.29 0.00	21.42 -0.22 0.00	21.16 -0.25 0.00	29.01 -0.52 0.00	39.50 -1.13 0.00	56.53 -1.09 0.00	34.49 -0.58 0.00	25.42 -0.38 0.00	23.96 -0.32 0.00	23.87 -0.36 0.00	25.53 -0.41 0.00	27.19 -0.48 0.00	31.21 -0.51 0.00	27.07 -0.41 0.00	36.48 -0.65 0.00	68.70 -1.47 0.00	41.13 -0.93 0.00	29.25 -0.49 0.00	28.66 -0.29 0.00	34.95 -0.27 0.00	25.65 -0.16 0.00
ST_LAW_230_BK6_LBMP 345036	21.09 -0.06 0.00	22.06 -0.29 0.00	22.97 -0.25 0.00	21.50 -0.29 0.00	21.42 -0.22 0.00	21.16 -0.25 0.00	29.01 -0.52 0.00	39.50 -1.13 0.00	56.53 -1.09 0.00	34.49 -0.58 0.00	25.42 -0.38 0.00	23.96 -0.32 0.00	23.87 -0.36 0.00	25.53 -0.41 0.00	27.19 -0.48 0.00	31.21 -0.51 0.00	27.07 -0.41 0.00	36.48 -0.65 0.00	68.70 -1.47 0.00	41.13 -0.93 0.00	29.25 -0.49 0.00	28.66 -0.29 0.00	34.95 -0.27 0.00	25.65 -0.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.82 0.67 0.00	23.15 0.81 0.00	23.97 0.75 0.00	22.42 0.64 0.00	22.26 0.60 0.00	22.07 0.66 0.00	30.73 1.19 0.00	42.51 1.88 0.00	59.75 2.12 0.00	36.43 1.36 0.00	26.78 0.98 0.00	25.15 0.87 0.00	23.90 0.77 1.11	26.80 0.85 0.00	28.68 1.01 0.00	32.90 1.18 0.00	21.91 1.04 6.61	38.53 1.41 0.00	72.59 2.42 0.00	27.34 1.54 16.26	-21.80 0.91 52.45	21.96 0.79 7.79	35.93 1.07 0.36	22.77 0.79 3.83
SWANROAD_115KV_TB1 355699	20.48 -0.67 0.00	21.38 -0.96 0.00	22.13 -1.08 0.00	20.84 -0.94 0.00	20.78 -0.87 0.00	20.74 -0.67 0.00	28.72 -0.82 0.00	39.13 -1.50 0.00	55.60 -2.03 0.00	34.33 -0.74 0.00	25.49 -0.31 0.00	24.10 -0.18 0.00	24.25 0.02 0.00	25.98 0.04 0.00	27.62 -0.04 0.00	31.20 -0.52 0.00	26.64 -0.84 0.00	36.53 -1.47 -0.88	85.65 -0.91 -16.40	44.09 -0.86 -2.89	28.86 -0.88 0.00	28.03 -0.92 0.00	34.47 -0.75 0.00	25.74 -0.07 0.00
SYNERGY___BIOGAS 323694	21.42 0.27 0.00	22.40 0.05 0.00	23.18 -0.04 0.00	21.83 0.05 0.00	21.75 0.09 0.00	21.74 0.33 0.00	30.24 0.70 0.00	41.46 0.83 0.00	58.82 1.19 0.00	36.10 1.03 0.00	26.78 0.97 0.00	25.22 0.94 0.00	25.21 0.97 0.00	26.90 0.95 0.00	28.57 0.90 0.00	32.38 0.66 0.00	27.77 0.29 0.00	37.48 0.35 0.00	73.06 2.89 0.00	43.59 1.53 0.00	30.51 0.77 0.00	29.59 0.64 0.00	36.18 0.97 0.00	26.86 1.05 0.00
SYRACUSE___ENERGY_ST1 323597	21.00 -0.15 0.00	22.19 -0.15 0.00	22.98 -0.23 0.00	21.65 -0.13 0.00	21.52 -0.13 0.00	21.31 -0.10 0.00	29.49 -0.05 0.00	40.60 -0.03 0.00	57.45 -0.18 0.00	35.05 -0.03 0.00	25.79 -0.02 0.00	24.94 -0.01 -0.67	24.71 0.03 -0.44	26.77 0.06 -0.76	28.81 0.05 -1.10	33.56 -0.03 -1.88	28.46 -0.06 -1.04	39.99 -0.07 -2.94	79.79 0.19 -9.43	46.13 0.12 -3.95	31.25 0.00 -1.51	30.21 -0.08 -1.34	37.68 -0.10 -2.57	26.31 -0.05 -0.55
SYRACUSE___ENERGY_ST2 323598	21.00 -0.15 0.00	22.19 -0.15 0.00	22.98 -0.23 0.00	21.65 -0.13 0.00	21.52 -0.13 0.00	21.31 -0.10 0.00	29.49 -0.05 0.00	40.60 -0.03 0.00	57.45 -0.18 0.00	35.05 -0.03 0.00	25.79 -0.02 0.00	24.94 -0.01 -0.67	24.71 0.03 -0.44	26.77 0.06 -0.76	28.81 0.05 -1.10	33.56 -0.03 -1.88	28.46 -0.06 -1.04	39.99 -0.07 -2.94	79.79 0.19 -9.43	46.13 0.12 -3.95	31.25 0.00 -1.51	30.21 -0.08 -1.34	37.68 -0.10 -2.57	26.31 -0.05 -0.55
SYRACUSE___POWER 24017	21.02 -0.13 0.00	22.21 -0.13 0.00	23.02 -0.19 0.00	21.66 -0.12 0.00	21.53 -0.12 0.00	21.33 -0.08 0.00	29.54 0.00 0.00	40.68 0.05 0.00	57.56 -0.07 0.00	35.11 0.04 0.00	25.84 0.04 0.00	24.75 0.03 -0.43	24.61 0.09 -0.29	26.55 0.11 -0.49	28.48 0.10 -0.71	32.98 0.05 -1.21	28.15 0.00 -0.67	39.02 0.00 -1.90	76.60 0.34 -6.09	44.83 0.21 -2.55	30.78 0.06 -0.97	29.80 -0.02 -0.86	36.83 -0.05 -1.66	26.14 -0.03 -0.36
TALLMAN___138KV_BK151 55660	21.87 0.72 0.00	23.21 0.86 0.00	24.01 0.80 0.00	22.44 0.65 0.00	22.27 0.62 0.00	22.11 0.70 0.00	30.84 1.30 0.00	42.69 2.06 0.00	59.92 2.29 0.00	36.58 1.51 0.00	26.89 1.09 0.00	25.26 0.97 0.00	23.63 0.86 1.46	26.89 0.95 0.00	28.80 1.14 0.00	33.04 1.32 0.00	19.91 1.14 8.71	38.65 1.52 0.00	72.77 2.60 0.00	22.03 1.65 21.69	-39.23 0.95 69.91	19.57 0.81 10.20	35.91 1.17 0.47	21.67 0.87 5.01
TEALLAVE_115KV_TB7 355573	20.93 -0.22 0.00	22.10 -0.25 0.00	22.91 -0.31 0.00	21.56 -0.22 0.00	21.43 -0.22 0.00	21.23 -0.18 0.00	29.38 -0.15 0.00	40.46 -0.17 0.00	57.27 -0.35 0.00	34.95 -0.12 0.00	25.73 -0.07 0.00	24.57 -0.07 -0.36	24.45 -0.01 -0.24	26.35 -0.01 -0.41	28.24 -0.02 -0.59	32.63 -0.10 -1.01	27.91 -0.13 -0.56	38.51 -0.19 -1.57	75.20 -0.03 -5.05	44.16 -0.02 -2.11	30.44 -0.10 -0.81	29.49 -0.17 -0.72	36.36 -0.23 -1.38	25.96 -0.14 -0.30
TELGRAPH_34_KV_EAST 80808	20.99 -0.16 0.00	21.93 -0.41 0.00	22.69 -0.52 0.00	21.38 -0.40 0.00	21.30 -0.35 0.00	21.26 -0.14 0.00	29.52 -0.01 0.00	40.35 -0.28 0.00	57.31 -0.32 0.00	35.30 0.23 0.00	26.18 0.38 0.00	24.75 0.47 0.00	24.83 0.60 0.00	26.56 0.62 0.00	28.23 0.56 0.00	31.95 0.23 0.00	27.32 -0.16 0.00	37.34 -0.42 -0.64	83.74 1.17 -12.39	44.52 0.40 -2.06	29.74 0.00 0.00	28.87 -0.08 0.00	35.39 0.17 0.00	26.35 0.54 0.00
TEMPLE___115KV_TB 2 55572	20.94 -0.21 0.00	22.11 -0.23 0.00	22.92 -0.29 0.00	21.56 -0.21 0.00	21.43 -0.22 0.00	21.24 -0.17 0.00	29.40 -0.14 0.00	40.48 -0.15 0.00	57.29 -0.33 0.00	34.97 -0.10 0.00	25.75 -0.06 0.00	24.58 -0.06 -0.36	24.47 0.00 -0.24	26.37 0.01 -0.40	28.24 -0.01 -0.58	32.65 -0.07 -1.00	27.92 -0.12 -0.55	38.52 -0.17 -1.57	75.21 0.01 -5.03	44.17 0.00 -2.11	30.46 -0.08 -0.81	29.51 -0.16 -0.71	36.37 -0.21 -1.37	25.97 -0.14 -0.30
TIANA____69_KV_BK 1 55817	22.74 1.60 0.00	24.03 1.69 0.00	24.84 1.63 0.00	23.26 1.48 0.00	23.08 1.42 0.00	22.82 1.42 0.00	31.80 2.27 0.00	43.86 3.23 0.00	61.89 4.27 0.00	37.59 2.52 0.00	27.70 1.89 0.00	25.93 1.65 0.00	26.88 1.60 -1.05	27.63 1.69 0.00	29.56 1.89 0.00	33.97 2.25 0.00	34.41 1.99 -4.95	38.50 2.70 1.32	40.94 4.70 33.93	72.52 2.90 -27.56	58.88 1.83 -27.31	36.96 1.72 -6.29	37.95 2.24 -0.50	32.96 1.88 -5.28
TILDEN___115KV_TB1 80814	21.02 -0.13 0.00	22.21 -0.13 0.00	23.02 -0.19 0.00	21.66 -0.12 0.00	21.53 -0.12 0.00	21.33 -0.08 0.00	29.54 0.00 0.00	40.68 0.05 0.00	57.56 -0.07 0.00	35.11 0.04 0.00	25.84 0.04 0.00	24.75 0.03 -0.43	24.61 0.09 -0.29	26.55 0.11 -0.49	28.48 0.10 -0.71	32.98 0.05 -1.21	28.15 0.00 -0.67	39.02 0.00 -1.90	76.60 0.34 -6.09	44.83 0.21 -2.55	30.78 0.06 -0.97	29.80 -0.02 -0.86	36.83 -0.05 -1.66	26.14 -0.03 -0.36

TRIGEN___CC 323695	22.28 1.12 0.00	23.58 1.24 0.00	24.39 1.18 0.00	22.81 1.03 0.00	22.64 0.99 0.00	22.41 1.00 0.00	31.21 1.67 0.00	43.18 2.55 0.00	60.72 3.09 0.00	37.07 2.00 0.00	27.35 1.54 0.00	25.66 1.38 0.00	26.59 1.31 -1.05	27.37 1.42 0.00	29.27 1.61 0.00	33.58 1.86 0.00	35.02 1.58 -5.96	38.80 2.00 0.32	64.95 3.24 8.46	73.13 2.02 -29.05	109.83 1.28 -78.81	39.83 1.18 -9.69	37.32 1.61 -0.50	32.42 1.33 -5.28
TRINITY___115KV___4 BK 55933	21.31 0.16 0.00	22.64 0.30 0.00	23.57 0.35 0.00	22.07 0.28 0.00	21.98 0.33 0.00	21.73 0.32 0.00	30.14 0.60 0.00	41.68 1.05 0.00	58.67 1.04 0.00	35.38 0.31 0.00	25.99 0.19 0.00	24.43 0.15 0.00	24.35 0.12 0.00	26.07 0.13 0.00	27.81 0.15 0.00	32.00 0.28 0.00	27.81 0.33 0.00	37.71 0.59 0.00	71.03 0.86 0.00	42.77 0.71 0.00	30.19 0.45 0.00	29.36 0.40 0.00	35.49 0.27 0.00	25.92 0.11 0.00
UNION___PROCESSING_DRP 323587	21.24 0.09 0.00	22.29 -0.05 0.00	23.08 -0.13 0.00	21.72 -0.06 0.00	21.62 -0.03 0.00	21.54 0.13 0.00	29.88 0.34 0.00	40.98 0.34 0.00	58.11 0.49 0.00	35.68 0.61 0.00	26.39 0.58 0.00	24.87 0.58 0.00	24.94 0.71 0.00	26.68 0.74 0.00	28.36 0.69 0.00	32.29 0.57 0.00	27.71 0.23 0.00	36.57 0.24 0.79	56.61 1.68 15.24	40.16 0.81 2.72	30.06 0.33 0.00	29.20 0.24 0.00	35.66 0.45 0.00	26.38 0.56 0.00
UPPER HUDSON___HYD 24058	22.30 1.15 0.00	23.69 1.35 0.00	24.66 1.45 0.00	23.10 1.32 0.00	23.00 1.34 0.00	22.77 1.36 0.00	31.66 2.12 0.00	43.86 3.23 0.00	61.70 4.08 0.00	36.97 1.90 0.00	27.21 1.40 0.00	25.55 1.27 0.00	25.45 1.22 0.00	27.29 1.35 0.00	29.06 1.39 0.00	33.51 1.79 0.00	29.14 1.66 0.00	39.57 2.44 0.00	74.96 4.79 0.00	45.29 3.22 0.00	31.96 2.22 0.00	31.03 2.08 0.00	37.33 2.12 0.00	27.17 1.36 0.00
UPPER RAQUET___HYD 24056	21.37 0.22 0.00	22.30 -0.04 0.00	23.25 0.04 0.00	21.75 -0.03 0.00	21.69 0.04 0.00	21.33 -0.08 0.00	29.15 -0.39 0.00	39.37 -1.26 0.00	56.36 -1.27 0.00	34.59 -0.48 0.00	25.62 -0.18 0.00	25.90 -0.16 -1.78	25.11 -0.30 -1.18	25.55 -0.52 -0.13	30.75 -0.67 -3.75	31.27 -0.77 -0.32	27.08 -0.58 -0.18	36.78 -0.84 -0.50	75.58 -1.82 -7.23	49.56 -1.13 -8.62	29.92 -0.60 -0.79	28.94 -0.24 -0.23	35.54 -0.11 -0.44	25.99 0.08 -0.10
VALLEY44_115KV_TB2 355964	21.25 0.10 0.00	22.41 0.07 0.00	23.10 -0.11 0.00	21.78 0.00 0.00	21.68 0.03 0.00	21.65 0.24 0.00	29.99 0.45 0.00	41.06 0.43 0.00	57.93 0.30 0.00	35.85 0.78 0.00	26.56 0.75 0.00	25.29 1.01 0.00	25.47 1.24 0.00	27.36 1.42 0.00	28.99 1.32 0.00	32.92 1.21 0.00	27.90 0.42 0.00	45.08 -0.03 -7.99	222.46 1.57 -150.72	70.36 0.72 -27.58	30.19 0.45 0.00	29.23 0.28 0.00	35.96 0.75 0.00	26.64 0.83 0.00
VALLEY___115KV_TB 1-4 80826	21.13 -0.02 0.00	22.51 0.17 0.00	23.42 0.21 0.00	21.96 0.18 0.00	21.81 0.16 0.00	21.57 0.16 0.00	29.93 0.39 0.00	41.33 0.70 0.00	57.87 0.24 0.00	34.86 -0.21 0.00	25.63 -0.18 0.00	24.05 -0.23 0.00	24.02 -0.22 0.00	25.52 -0.43 0.00	27.23 -0.43 0.00	31.39 -0.32 0.00	27.38 -0.10 0.00	37.41 0.28 0.00	71.03 0.86 0.00	42.69 0.63 0.00	30.05 0.31 0.00	29.21 0.25 0.00	35.28 0.07 0.00	25.72 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.92 0.78 0.00	23.21 0.86 0.00	24.14 0.93 0.00	22.64 0.86 0.00	22.50 0.85 0.00	22.30 0.89 0.00	30.83 1.29 0.00	42.46 1.83 0.00	59.99 2.36 0.00	36.61 1.54 0.00	26.93 1.12 0.00	25.42 1.02 -0.12	25.34 1.03 -0.08	27.18 1.10 -0.14	29.04 1.18 -0.20	33.41 1.35 -0.34	28.87 1.20 -0.19	39.75 1.59 -1.03	84.85 3.05 -11.63	46.38 1.86 -2.46	31.29 1.29 -0.27	30.35 1.16 -0.24	37.08 1.42 -0.45	26.94 1.03 -0.10
VISCHER___FERRY HYD 24020	21.77 0.62 0.00	23.12 0.78 0.00	24.06 0.85 0.00	22.53 0.75 0.00	22.41 0.76 0.00	22.14 0.74 0.00	30.69 1.15 0.00	42.47 1.84 0.00	59.76 2.14 0.00	35.98 0.91 0.00	26.44 0.63 0.00	24.85 0.57 0.00	24.79 0.56 0.00	26.56 0.62 0.00	28.32 0.65 0.00	32.55 0.84 0.00	28.28 0.80 0.00	38.34 1.21 0.00	72.34 2.17 0.00	43.59 1.52 0.00	30.76 1.02 0.00	29.93 0.98 0.00	36.18 0.97 0.00	26.40 0.59 0.00
V_A_10_SYNC_DSASP 323832	20.83 -0.32 0.00	21.82 -0.52 0.00	22.59 -0.62 0.00	21.27 -0.51 0.00	21.18 -0.47 0.00	21.11 -0.30 0.00	29.24 -0.30 0.00	39.96 -0.67 0.00	56.68 -0.95 0.00	34.93 -0.14 0.00	25.90 0.09 0.00	24.48 0.20 0.00	24.63 0.39 0.00	26.39 0.44 0.00	28.01 0.35 0.00	31.79 0.07 0.00	27.17 -0.31 0.00	34.07 -0.65 2.40	23.53 0.22 46.85	33.69 -0.16 8.20	29.32 -0.41 0.00	28.52 -0.43 0.00	34.99 -0.23 0.00	26.02 0.21 0.00
V_CMM_10_SYNC_DSASP 323787	21.21 0.06 0.00	22.17 -0.17 0.00	23.09 -0.12 0.00	21.61 -0.17 0.00	21.54 -0.11 0.00	21.28 -0.13 0.00	29.16 -0.37 0.00	39.67 -0.96 0.00	56.81 -0.81 0.00	34.66 -0.41 0.00	25.56 -0.25 0.00	24.09 -0.20 0.00	23.99 -0.24 0.00	25.67 -0.28 0.00	27.33 -0.34 0.00	31.36 -0.36 0.00	27.20 -0.29 0.00	36.65 -0.47 0.00	69.01 -1.16 0.00	41.33 -0.74 0.00	29.39 -0.35 0.00	28.81 -0.14 0.00	35.14 -0.08 0.00	25.80 -0.01 0.00
V_CMP_10_SYNC_DSASP 323788	20.95 -0.20 0.00	22.10 -0.24 0.00	23.12 -0.09 0.00	21.46 -0.32 0.00	21.42 -0.24 0.00	21.12 -0.29 0.00	28.81 -0.72 0.00	38.63 -2.01 0.00	55.26 -2.37 0.00	33.79 -1.28 0.00	24.87 -0.94 0.00	12.16 -0.88 11.24	15.82 -0.93 7.48	24.97 -0.98 0.00	2.40 -1.18 24.08	30.67 -1.05 0.00	26.95 -0.53 0.00	35.98 -1.14 0.00	28.91 -3.34 37.92	-13.68 -2.07 53.67	25.09 -1.07 3.57	28.48 -0.47 0.00	34.86 -0.36 0.00	25.51 -0.30 0.00
V_D_10_SYNC_DSASP 323841	21.34 0.19 0.00	22.28 -0.06 0.00	23.23 0.01 0.00	21.73 -0.05 0.00	21.67 0.01 0.00	21.40 -0.01 0.00	29.32 -0.22 0.00	39.83 -0.80 0.00	57.04 -0.59 0.00	34.83 -0.24 0.00	25.69 -0.11 0.00	24.57 -0.07 -0.36	24.33 -0.14 -0.24	25.75 -0.19 0.00	28.18 -0.25 -0.76	31.46 -0.26 0.00	27.29 -0.19 0.00	36.79 -0.33 0.00	70.51 -0.87 -1.21	43.20 -0.57 -1.71	29.62 -0.23 -0.11	28.94 -0.01 0.00	35.31 0.10 0.00	25.95 0.14 0.00
V_E_10_SYNC_DSASP 323830	22.40 1.25 0.00	23.57 1.23 0.00	24.63 1.42 0.00	23.05 1.27 0.00	22.94 1.28 0.00	22.88 1.47 0.00	31.67 2.13 0.00	43.80 3.17 0.00	61.91 4.29 0.00	37.59 2.52 0.00	27.55 1.75 0.00	26.10 1.59 -0.24	26.01 1.62 -0.16	28.07 1.85 -0.27	30.16 2.11 -0.38	34.58 2.20 -0.66	29.68 1.83 -0.36	41.88 2.90 -1.85	96.13 6.59 -19.38	49.87 3.60 -4.20	32.88 2.62 -0.53	31.76 2.34 -0.47	38.73 2.62 -0.90	27.82 1.82 -0.19
V_F_30_NSYNC___DSASP 323816	22.12 0.96 0.00	23.47 1.13 0.00	24.42 1.21 0.00	22.89 1.11 0.00	22.77 1.12 0.00	22.54 1.13 0.00	31.28 1.74 0.00	43.25 2.62 0.00	60.82 3.19 0.00	36.57 1.50 0.00	26.89 1.09 0.00	25.25 0.96 0.00	25.18 0.94 0.00	26.97 1.02 0.00	28.73 1.07 0.00	33.10 1.38 0.00	28.79 1.31 0.00	39.09 1.97 0.00	73.95 3.78 0.00	44.55 2.48 0.00	31.43 1.70 0.00	30.54 1.59 0.00	36.88 1.67 0.00	26.90 1.09 0.00



V_F_30_SYNC_DSASP 323786	21.40 0.25 0.00	22.73 0.39 0.00	23.64 0.43 0.00	22.14 0.36 0.00	22.05 0.40 0.00	21.81 0.40 0.00	30.25 0.71 0.00	41.84 1.21 0.00	58.88 1.25 0.00	35.52 0.45 0.00	26.10 0.30 0.00	24.54 0.25 0.00	24.45 0.22 0.00	26.18 0.23 0.00	27.93 0.26 0.00	32.13 0.42 0.00	27.94 0.46 0.00	37.90 0.78 0.00	71.39 1.22 0.00	42.98 0.92 0.00	30.32 0.59 0.00	29.47 0.52 0.00	35.64 0.43 0.00	26.02 0.21 0.00
V_XM_10_SYNC_DSASP 323789	20.95 -0.20 0.00	22.10 -0.24 0.00	23.12 -0.09 0.00	21.46 -0.32 0.00	21.42 -0.24 0.00	21.12 -0.29 0.00	28.81 -0.72 0.00	38.63 -2.01 0.00	55.26 -2.37 0.00	33.79 -1.28 0.00	24.87 -0.94 0.00	12.16 -0.88 11.24	15.82 -0.93 7.48	24.97 -0.98 0.00	2.40 -1.18 24.08	30.67 -1.05 0.00	26.95 -0.53 0.00	35.98 -1.14 0.00	28.91 -3.34 37.92	-13.68 -2.07 53.67	25.09 -1.07 3.57	28.48 -0.47 0.00	34.86 -0.36 0.00	25.51 -0.30 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.93 0.78 0.00	23.27 0.93 0.00	24.07 0.85 0.00	22.50 0.72 0.00	22.33 0.68 0.00	22.17 0.76 0.00	30.93 1.39 0.00	42.82 2.19 0.00	60.10 2.48 0.00	36.68 1.61 0.00	26.97 1.16 0.00	25.32 1.04 0.00	23.66 0.93 1.50	26.97 1.02 0.00	28.89 1.22 0.00	33.13 1.41 0.00	19.76 1.24 8.96	38.78 1.66 0.00	73.03 2.86 0.00	21.54 1.80 22.32	-41.16 1.06 71.95	19.39 0.91 10.48	36.01 1.28 0.48	21.61 0.95 5.15
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.22 1.07 0.00	23.56 1.22 0.00	24.39 1.17 0.00	22.80 1.02 0.00	22.63 0.97 0.00	22.44 1.03 0.00	31.24 1.70 0.00	43.21 2.58 0.00	60.80 3.18 0.00	37.22 2.15 0.00	27.45 1.65 0.09	25.69 1.50 0.09	26.57 1.38 -0.96	27.46 1.51 0.00	29.38 1.72 0.01	33.69 1.97 0.00	35.42 1.71 -6.22	39.32 2.20 0.00	73.78 3.61 0.00	73.41 2.26 -29.08	124.94 1.36 -93.85	40.94 1.27 -10.72	37.41 1.70 -0.50	32.34 1.26 -5.27
W50THST__13_KV_LOAD 356117	22.37 1.22 0.00	23.69 1.35 0.00	24.50 1.29 0.00	22.90 1.12 0.00	22.73 1.08 0.00	22.55 1.14 0.00	31.40 1.86 0.00	43.45 2.82 0.00	61.16 3.53 0.00	37.47 2.41 0.00	27.67 1.87 0.00	25.90 1.71 0.09	26.77 1.58 -0.96	27.68 1.73 0.00	29.62 1.96 0.01	33.97 2.25 0.00	35.64 1.93 -6.22	39.59 2.46 0.00	74.23 4.06 0.00	73.66 2.51 -29.08	125.10 1.51 -93.85	41.09 1.42 -10.72	37.61 1.90 -0.50	32.50 1.41 -5.27
WADING RIVER_IC_1 23522	22.62 1.47 0.00	23.91 1.57 0.00	24.71 1.50 0.00	23.13 1.35 0.00	22.95 1.30 0.00	22.69 1.28 0.00	31.60 2.07 0.00	43.57 2.94 0.00	61.53 3.90 0.00	37.36 2.29 0.00	27.54 1.73 0.00	25.79 1.50 0.00	26.74 1.45 -1.05	27.48 1.53 0.00	29.39 1.73 0.00	33.77 2.05 0.00	34.22 1.79 -4.95	38.21 2.41 1.32	40.33 4.10 33.95	72.17 2.55 -27.56	58.60 1.59 -27.28	36.75 1.51 -6.29	37.72 2.01 -0.50	32.81 1.72 -5.28
WADING RIVER_IC_2 23547	22.62 1.47 0.00	23.91 1.57 0.00	24.71 1.50 0.00	23.13 1.35 0.00	22.95 1.30 0.00	22.69 1.28 0.00	31.60 2.07 0.00	43.57 2.94 0.00	61.53 3.90 0.00	37.36 2.29 0.00	27.54 1.73 0.00	25.79 1.50 0.00	26.74 1.45 -1.05	27.48 1.53 0.00	29.39 1.73 0.00	33.77 2.05 0.00	34.22 1.79 -4.95	38.21 2.41 1.32	40.33 4.10 33.95	72.17 2.55 -27.56	58.60 1.59 -27.28	36.75 1.51 -6.29	37.72 2.01 -0.50	32.81 1.72 -5.28
WADING RIVER_IC_3 23601	22.62 1.47 0.00	23.91 1.57 0.00	24.71 1.50 0.00	23.13 1.35 0.00	22.95 1.30 0.00	22.69 1.28 0.00	31.60 2.07 0.00	43.57 2.94 0.00	61.53 3.90 0.00	37.36 2.29 0.00	27.54 1.73 0.00	25.79 1.50 0.00	26.74 1.45 -1.05	27.48 1.53 0.00	29.39 1.73 0.00	33.77 2.05 0.00	34.22 1.79 -4.95	38.21 2.41 1.32	40.33 4.10 33.95	72.17 2.55 -27.56	58.60 1.59 -27.28	36.75 1.51 -6.29	37.72 2.01 -0.50	32.81 1.72 -5.28
WALDENNY_12_KV_BK2 80841	21.06 -0.08 0.00	22.02 -0.32 0.00	22.77 -0.45 0.00	21.46 -0.32 0.00	21.37 -0.29 0.00	21.35 -0.06 0.00	29.62 0.08 0.00	40.45 -0.18 0.00	57.44 -0.19 0.00	35.41 0.34 0.00	26.26 0.45 0.00	24.89 0.61 0.00	25.07 0.83 0.00	26.89 0.95 0.00	28.55 0.88 0.00	32.30 0.58 0.00	27.56 0.08 0.00	45.99 -0.24 -9.10	245.40 1.32 -173.91	73.42 0.53 -30.83	29.92 0.19 0.00	29.01 0.05 0.00	35.56 0.34 0.00	26.43 0.62 0.00
WALDEN__HYDRO 24148	21.94 0.79 0.00	23.27 0.93 0.00	24.10 0.89 0.00	22.55 0.77 0.00	22.38 0.73 0.00	22.20 0.78 0.00	30.90 1.37 0.00	42.76 2.13 0.00	60.12 2.49 0.00	36.63 1.56 0.00	26.91 1.11 0.00	25.27 0.99 0.00	24.82 0.89 0.00	26.93 0.98 0.00	28.82 1.16 0.00	33.06 1.34 0.00	26.87 1.20 1.81	38.75 1.63 0.00	73.02 2.85 0.00	39.87 1.83 4.02	17.83 1.12 13.02	27.75 0.99 2.19	36.41 1.30 0.10	25.68 0.94 1.08
WARRENSBURG____ 23737	22.30 1.15 0.00	23.69 1.35 0.00	24.66 1.45 0.00	23.10 1.32 0.00	23.00 1.34 0.00	22.77 1.36 0.00	31.66 2.12 0.00	43.86 3.23 0.00	61.70 4.08 0.00	36.97 1.90 0.00	27.21 1.40 0.00	25.55 1.27 0.00	25.45 1.22 0.00	27.29 1.35 0.00	29.06 1.39 0.00	33.51 1.79 0.00	29.14 1.66 0.00	39.57 2.44 0.00	74.96 4.79 0.00	45.29 3.22 0.00	31.96 2.22 0.00	31.03 2.08 0.00	37.33 2.12 0.00	27.17 1.36 0.00
WATERSIDE____6 8 9 23538	22.37 1.22 0.00	23.71 1.37 0.00	24.51 1.30 0.00	22.91 1.13 0.00	22.72 1.07 0.00	22.54 1.13 0.00	31.31 1.77 0.00	43.32 2.69 0.00	60.99 3.36 0.00	37.41 2.32 -0.03	28.31 1.80 -0.70	43.51 1.65 -17.59	45.54 1.52 -19.79	37.45 1.65 -9.85	35.40 1.87 -5.87	38.26 2.14 -4.40	35.55 1.84 -6.23	39.48 2.35 0.00	73.98 3.81 0.00	74.01 2.45 -29.49	124.96 1.47 -93.75	41.08 1.41 -10.72	37.61 1.90 -0.50	32.77 1.41 -5.55
WATKINRD_115KV_LN8_ILLION 55919	21.16 0.01 0.00	22.47 0.12 0.00	23.37 0.15 0.00	21.91 0.13 0.00	21.77 0.12 0.00	21.53 0.12 0.00	29.84 0.30 0.00	41.22 0.59 0.00	57.90 0.27 0.00	34.96 -0.11 0.00	25.71 -0.10 0.00	24.14 -0.14 0.00	24.09 -0.15 0.00	25.70 -0.24 0.00	27.43 -0.24 0.00	31.56 -0.16 0.00	27.48 0.00 0.00	37.38 0.25 0.00	70.82 0.65 0.00	42.54 0.47 0.00	30.00 0.26 0.00	29.17 0.22 0.00	35.30 0.09 0.00	25.78 -0.03 0.00
WATSON____69_KV_BK 1 55734	22.63 1.48 0.00	23.91 1.57 0.00	24.73 1.52 0.00	23.15 1.37 0.00	22.95 1.30 0.00	22.68 1.27 0.00	31.61 2.08 0.00	43.66 3.03 0.00	61.66 4.03 0.00	37.46 2.40 0.00	27.64 1.83 0.00	25.88 1.60 0.00	26.84 1.55 -1.05	27.59 1.64 0.00	29.49 1.83 0.00	33.85 2.13 0.00	34.33 1.85 -5.00	38.28 2.43 1.27	41.60 4.11 32.68	72.21 2.52 -27.63	61.30 1.62 -29.94	36.96 1.53 -6.47	37.76 2.05 -0.50	32.88 1.79 -5.28
WDELAWARE__HYD 323627	22.10 0.95 0.00	23.42 1.08 0.00	24.25 1.04 0.00	22.71 0.93 0.00	22.55 0.90 0.00	22.37 0.96 0.00	31.16 1.62 0.00	43.10 2.47 0.00	60.61 2.99 0.00	36.88 1.81 0.00	27.05 1.24 0.00	25.37 1.09 0.00	25.01 1.01 0.23	27.05 1.11 0.00	28.99 1.33 0.00	33.22 1.50 0.00	27.45 1.36 1.39	39.03 1.91 0.00	73.79 3.62 0.00	44.34 2.28 0.00	30.86 1.46 0.33	28.56 1.29 1.69	36.79 1.65 0.08	26.17 1.19 0.83

WEST BABYLON___IC 23714	22.58 1.43 0.00	23.86 1.52 0.00	24.68 1.47 0.00	23.09 1.32 0.00	22.89 1.24 0.00	22.63 1.22 0.00	31.53 1.99 0.00	43.59 2.96 0.00	61.49 3.86 0.00	37.39 2.32 0.00	27.59 1.78 0.00	25.83 1.55 0.00	26.79 1.50 -1.05	27.54 1.59 0.00	29.42 1.76 0.00	33.76 2.04 0.00	34.34 1.74 -5.11	38.19 2.23 1.16	43.91 3.70 29.96	72.15 2.31 -27.78	66.87 1.48 -35.66	37.24 1.44 -6.84	37.71 2.00 -0.50	32.80 1.71 -5.28
WEST CANADA___HYD 24049	21.17 0.02 0.00	22.40 0.06 0.00	23.28 0.07 0.00	21.85 0.07 0.00	21.71 0.06 0.00	21.46 0.05 0.00	29.66 0.12 0.00	40.87 0.23 0.00	57.80 0.18 0.00	35.14 0.07 0.00	25.85 0.05 0.00	24.31 0.02 0.00	24.26 0.02 0.00	25.97 0.02 0.00	27.69 0.03 0.00	31.77 0.05 0.00	27.53 0.04 0.00	37.20 0.07 0.00	70.32 0.15 0.00	42.19 0.13 0.00	29.80 0.06 0.00	29.01 0.06 0.00	35.25 0.04 0.00	25.82 0.01 0.00
WESTERN_NY_WIND 24143	21.39 0.24 0.00	22.36 0.02 0.00	23.14 -0.07 0.00	21.79 0.01 0.00	21.72 0.07 0.00	21.70 0.29 0.00	30.20 0.66 0.00	41.39 0.76 0.00	58.71 1.09 0.00	36.04 0.97 0.00	26.73 0.92 0.00	25.18 0.90 0.00	25.16 0.93 0.00	26.86 0.91 0.00	28.53 0.87 0.00	32.32 0.60 0.00	27.73 0.25 0.00	37.53 0.27 -0.13	76.48 2.76 -3.55	43.75 1.43 -0.27	30.46 0.72 0.00	29.53 0.58 0.00	36.12 0.91 0.00	26.82 1.01 0.00
WESTOVER___LESR 323668	21.23 0.07 0.00	22.46 0.12 0.00	23.30 0.09 0.00	21.92 0.14 0.00	21.77 0.12 0.00	21.60 0.19 0.00	29.91 0.37 0.00	41.15 0.52 0.00	58.14 0.52 0.00	35.51 0.44 0.00	26.12 0.31 0.00	24.85 0.32 -0.25	24.78 0.38 -0.16	26.70 0.48 -0.28	28.55 0.48 -0.40	32.83 0.43 -0.69	28.11 0.25 -0.38	39.45 0.21 -2.12	95.34 1.01 -24.16	47.72 0.57 -5.09	30.65 0.37 -0.54	29.67 0.24 -0.48	36.48 0.35 -0.92	26.27 0.26 -0.20
WETHRSFD_WT_PWR 323626	20.70 -0.45 0.00	21.71 -0.63 0.00	22.44 -0.77 0.00	21.16 -0.62 0.00	21.03 -0.62 0.00	20.98 -0.43 0.00	29.12 -0.42 0.00	39.67 -0.96 0.00	56.38 -1.25 0.00	34.59 -0.47 0.00	25.63 -0.18 0.00	24.37 0.09 0.00	24.60 0.37 0.00	26.48 0.53 0.00	28.10 0.44 0.00	31.79 0.07 0.00	27.11 -0.38 0.00	40.98 -0.61 -4.47	165.56 0.52 -94.86	56.74 0.11 -14.56	29.61 -0.12 0.00	28.66 -0.30 0.00	35.02 -0.19 0.00	25.90 0.09 0.00
WHAVSTOR_138KV_BK127 55557	21.84 0.69 0.00	23.18 0.84 0.00	23.98 0.77 0.00	22.42 0.64 0.00	22.25 0.60 0.00	22.08 0.68 0.00	30.79 1.26 0.00	42.64 2.01 0.00	59.83 2.20 0.00	36.53 1.46 0.00	26.86 1.05 0.00	25.21 0.93 0.00	23.54 0.81 1.51	26.85 0.90 0.00	28.76 1.10 0.00	32.99 1.27 0.00	19.58 1.10 9.01	38.59 1.47 0.00	72.65 2.48 0.00	21.20 1.58 22.44	-41.71 0.90 72.35	19.19 0.78 10.53	35.84 1.12 0.49	21.47 0.84 5.18
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.84 0.69 0.00	23.18 0.84 0.00	23.98 0.77 0.00	22.42 0.64 0.00	22.25 0.60 0.00	22.08 0.68 0.00	30.79 1.26 0.00	42.64 2.01 0.00	59.83 2.20 0.00	36.53 1.46 0.00	26.86 1.05 0.00	25.21 0.93 0.00	23.54 0.81 1.51	26.85 0.90 0.00	28.76 1.10 0.00	32.99 1.27 0.00	19.58 1.10 9.01	38.59 1.47 0.00	72.65 2.48 0.00	21.20 1.58 22.44	-41.71 0.90 72.35	19.19 0.78 10.53	35.84 1.12 0.49	21.47 0.84 5.18
WHITEHAL_115KV_TB1 80871	22.58 1.43 0.00	24.17 1.82 0.00	25.27 2.06 0.00	23.58 1.80 0.00	23.48 1.83 0.00	23.25 1.84 0.00	32.41 2.87 0.00	45.03 4.40 0.00	63.40 5.77 0.00	37.40 2.34 0.00	27.66 1.85 0.00	25.98 1.69 0.00	25.90 1.67 0.00	27.97 2.02 0.00	29.75 2.09 0.00	34.42 2.70 0.00	29.80 2.32 0.00	40.16 3.04 0.00	76.11 5.94 0.00	46.61 4.55 0.00	33.06 3.32 0.00	32.13 3.18 0.00	38.15 2.93 0.00	27.53 1.72 0.00
WHITEPLN_13_KV_LOAD 356215	22.27 1.12 0.00	23.60 1.26 0.00	24.43 1.22 0.00	22.85 1.07 0.00	22.68 1.03 0.00	22.50 1.09 0.00	31.35 1.81 0.00	43.41 2.78 0.00	61.05 3.42 0.00	37.30 2.23 0.00	27.46 1.66 0.00	25.79 1.51 0.00	26.78 1.41 -1.14	27.47 1.53 0.00	29.40 1.73 0.00	33.73 2.01 0.00	36.03 1.76 -6.79	39.44 2.32 0.00	74.14 3.97 0.00	76.98 2.47 -32.45	135.03 1.52 -103.77	41.31 1.40 -10.96	37.51 1.79 -0.51	32.51 1.31 -5.39
WM_FLOYD_69_KV_BK2 356380	22.62 1.47 0.00	23.90 1.56 0.00	24.70 1.49 0.00	23.12 1.34 0.00	22.94 1.29 0.00	22.68 1.26 0.00	31.58 2.05 0.00	43.55 2.92 0.00	61.49 3.86 0.00	37.33 2.26 0.00	27.51 1.71 0.00	25.76 1.48 0.00	26.71 1.43 -1.05	27.45 1.51 0.00	29.37 1.70 0.00	33.73 2.01 0.00	34.21 1.77 -4.95	38.19 2.38 1.32	40.38 4.07 33.87	72.14 2.51 -27.56	58.75 1.57 -27.44	36.73 1.47 -6.30	37.68 1.97 -0.50	32.79 1.69 -5.28
WOODARD___115KV_TB2 355635	20.88 -0.27 0.00	22.05 -0.29 0.00	22.86 -0.35 0.00	21.52 -0.26 0.00	21.38 -0.27 0.00	21.18 -0.23 0.00	29.30 -0.24 0.00	40.34 -0.29 0.00	57.10 -0.53 0.00	34.84 -0.23 0.00	25.65 -0.15 0.00	24.61 -0.15 -0.48	24.45 -0.10 -0.32	26.39 -0.09 -0.54	28.33 -0.12 -0.78	32.86 -0.20 -1.34	28.01 -0.22 -0.74	38.93 -0.29 -2.10	76.65 -0.26 -6.74	44.74 -0.15 -2.82	30.63 -0.19 -1.08	29.66 -0.25 -0.96	36.73 -0.32 -1.84	25.99 -0.22 -0.40
YORK___WARBASSE 23770	22.35 1.20 0.00	23.69 1.35 0.00	24.49 1.27 0.00	22.89 1.11 0.00	22.71 1.05 0.00	22.53 1.12 0.00	31.34 1.81 0.00	43.36 2.73 0.00	61.03 3.40 0.00	37.43 2.33 -0.03	28.27 1.75 -0.70	43.46 1.60 -17.59	45.51 1.49 -19.79	37.39 1.59 -9.85	35.34 1.80 -5.87	38.20 2.08 -4.40	35.52 1.81 -6.23	39.46 2.34 0.00	73.90 3.72 0.00	74.01 2.45 -29.49	124.95 1.46 -93.75	41.09 1.42 -10.72	37.67 1.96 -0.50	32.82 1.45 -5.55