

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/26/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	23.88	22.07	19.53	18.61	21.39	23.49	25.91	24.30	21.77	19.77	20.35	20.42	20.81	20.71	20.77	21.98	25.07	31.60	38.95	43.24	48.26	40.11	32.96	26.97
24138	1.29	1.48	1.28	1.15	1.13	1.12	1.23	1.27	1.29	1.33	1.38	1.44	1.49	1.53	1.56	1.65	1.71	2.07	2.34	2.18	2.34	1.95	1.60	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.90	22.10	19.55	18.63	21.41	23.51	25.91	24.32	21.79	19.77	20.33	20.42	20.79	20.71	20.75	21.98	25.07	31.63	38.99	43.24	48.30	40.15	33.00	26.99
24260	1.31	1.50	1.30	1.17	1.15	1.14	1.23	1.29	1.31	1.33	1.37	1.44	1.47	1.53	1.54	1.65	1.71	2.10	2.38	2.18	2.39	1.98	1.63	1.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.90	22.10	19.55	18.63	21.41	23.51	25.91	24.32	21.79	19.77	20.33	20.42	20.79	20.71	20.75	21.98	25.07	31.63	38.99	43.24	48.30	40.15	33.00	26.99
24261	1.31	1.50	1.30	1.17	1.15	1.14	1.23	1.29	1.31	1.33	1.37	1.44	1.47	1.53	1.54	1.65	1.71	2.10	2.38	2.18	2.39	1.98	1.63	1.31
	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 HUDSON___FALLS	23.54	21.54	19.11	18.26	21.12	23.27	25.49	23.75	20.91	18.72	19.25	19.26	19.59	19.48	19.56	20.67	23.88	30.28	37.71	42.46	47.39	39.50	32.34	26.56
24011	0.95	0.95	0.86	0.80	0.87	0.89	0.81	0.71	0.43	0.28	0.28	0.28	0.27	0.31	0.35	0.35	0.51	0.74	1.10	1.40	1.47	1.34	0.97	0.87
	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	23.56	21.58	19.17	18.32	21.19	23.33	25.54	23.82	20.93	18.74	19.25	19.28	19.59	19.50	19.58	20.70	23.92	30.34	37.86	42.59	47.57	39.65	32.43	26.66
23798	0.97	0.99	0.91	0.86	0.93	0.96	0.86	0.78	0.45	0.29	0.28	0.30	0.27	0.33	0.36	0.37	0.56	0.80	1.25	1.52	1.65	1.49	1.07	0.98
	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	23.54	21.54	19.11	18.26	21.12	23.27	25.49	23.75	20.91	18.72</														

ALBANY___2 23572	22.73 0.14 0.00	20.84 0.25 0.00	18.47 0.22 0.00	17.63 0.17 0.00	20.35 0.10 0.00	22.40 0.02 0.00	24.68 0.00 0.00	23.03 0.00 0.00	20.44 -0.04 0.00	18.43 -0.02 0.00	18.95 -0.02 0.00	18.96 -0.02 0.00	19.30 -0.02 0.00	19.20 0.02 0.00	19.25 0.04 0.00	20.35 0.02 0.00	23.39 0.02 0.00	29.51 -0.03 0.00	36.39 -0.22 0.00	40.78 -0.29 0.00	45.46 -0.46 0.00	37.86 -0.31 0.00	31.18 -0.19 0.00	25.63 -0.05 0.00
ALBANY___3 23573	22.73 0.14 0.00	20.84 0.25 0.00	18.47 0.22 0.00	17.63 0.17 0.00	20.35 0.10 0.00	22.40 0.02 0.00	24.68 0.00 0.00	23.03 0.00 0.00	20.44 -0.04 0.00	18.43 -0.02 0.00	18.95 -0.02 0.00	18.96 -0.02 0.00	19.30 -0.02 0.00	19.20 0.02 0.00	19.25 0.04 0.00	20.35 0.02 0.00	23.39 0.02 0.00	29.51 -0.03 0.00	36.39 -0.22 0.00	40.78 -0.29 0.00	45.46 -0.46 0.00	37.86 -0.31 0.00	31.18 -0.19 0.00	25.63 -0.05 0.00
ALBANY___4 23574	22.73 0.14 0.00	20.84 0.25 0.00	18.47 0.22 0.00	17.63 0.17 0.00	20.35 0.10 0.00	22.40 0.02 0.00	24.68 0.00 0.00	23.03 0.00 0.00	20.44 -0.04 0.00	18.43 -0.02 0.00	18.95 -0.02 0.00	18.96 -0.02 0.00	19.30 -0.02 0.00	19.20 0.02 0.00	19.25 0.04 0.00	20.35 0.02 0.00	23.39 0.02 0.00	29.51 -0.03 0.00	36.39 -0.22 0.00	40.78 -0.29 0.00	45.46 -0.46 0.00	37.86 -0.31 0.00	31.18 -0.19 0.00	25.63 -0.05 0.00
ALBANY___LFGE 323615	22.88 0.29 0.00	20.98 0.39 0.00	18.62 0.36 0.00	17.77 0.31 0.00	20.52 0.26 0.00	22.57 0.20 0.00	24.87 0.20 0.00	23.22 0.18 0.00	20.58 0.10 0.00	18.56 0.11 0.00	19.08 0.11 0.00	19.09 0.11 0.00	19.44 0.12 0.00	19.33 0.15 0.00	19.39 0.17 0.00	20.49 0.16 0.00	23.57 0.21 0.00	29.72 0.18 0.00	36.72 0.11 0.00	41.15 0.08 0.00	45.87 -0.05 0.00	38.24 0.08 0.00	31.46 0.09 0.00	25.86 0.18 0.00
ALCOA_PA_115KV_PL-6C 55860	22.59 0.00 0.00	20.45 -0.14 0.00	18.07 -0.18 0.00	17.34 -0.12 0.00	20.21 -0.04 0.00	22.37 0.00 0.00	24.92 0.25 0.00	23.33 0.30 0.00	20.71 0.23 0.00	18.59 0.15 0.00	19.15 0.19 0.00	19.09 0.11 0.00	19.46 0.14 0.00	19.29 0.12 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.48 0.12 0.00	29.71 0.18 0.00	36.98 0.37 0.00	41.68 0.62 0.00	46.24 0.32 0.00	38.62 0.46 0.00	31.77 0.41 0.00	25.79 0.10 0.00
ALCOA_RYNLDS___DRP 24188	22.59 0.00 0.00	20.45 -0.14 0.00	18.07 -0.18 0.00	17.34 -0.12 0.00	20.21 -0.04 0.00	22.37 0.00 0.00	24.92 0.25 0.00	23.33 0.30 0.00	20.71 0.23 0.00	18.59 0.15 0.00	19.15 0.19 0.00	19.09 0.11 0.00	19.46 0.14 0.00	19.29 0.12 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.48 0.12 0.00	29.71 0.18 0.00	36.98 0.37 0.00	41.68 0.62 0.00	46.24 0.32 0.00	38.62 0.46 0.00	31.77 0.41 0.00	25.79 0.10 0.00
ALCOA___DSASP 323711	22.59 0.00 0.00	20.45 -0.14 0.00	18.07 -0.18 0.00	17.34 -0.12 0.00	20.21 -0.04 0.00	22.37 0.00 0.00	24.92 0.25 0.00	23.33 0.30 0.00	20.71 0.23 0.00	18.59 0.15 0.00	19.15 0.19 0.00	19.09 0.11 0.00	19.46 0.14 0.00	19.29 0.12 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.48 0.12 0.00	29.72 0.18 0.00	36.98 0.37 0.00	41.68 0.62 0.00	46.24 0.32 0.00	38.62 0.46 0.00	31.77 0.41 0.00	25.79 0.10 0.00
ALLEGHENY___COGEN 23514	22.30 -0.29 0.00	20.28 -0.31 0.00	18.27 0.02 0.00	17.55 0.09 0.00	20.23 -0.02 0.00	22.13 -0.25 0.00	24.36 -0.32 0.00	22.43 -0.60 0.00	19.64 -0.84 0.00	17.45 -1.00 0.00	17.81 -1.16 0.00	17.73 -1.25 0.00	18.01 -1.31 0.00	17.80 -1.38 0.00	17.79 -1.42 0.00	18.82 -1.50 0.00	21.84 -1.52 0.00	28.15 -1.39 0.00	35.59 -1.02 0.00	40.86 -0.20 0.00	46.51 0.60 0.00	38.16 0.00 0.00	31.27 -0.09 0.00	25.76 0.08 0.00
ALTAMONT_115KV_TB 2 55880	22.95 0.36 0.00	21.02 0.43 0.00	18.66 0.40 0.00	17.81 0.35 0.00	20.58 0.32 0.00	22.64 0.27 0.00	24.95 0.27 0.00	23.29 0.25 0.00	20.68 0.20 0.00	18.63 0.18 0.00	19.15 0.19 0.00	19.17 0.19 0.00	19.52 0.19 0.00	19.39 0.21 0.00	19.45 0.23 0.00	20.57 0.24 0.00	23.64 0.28 0.00	29.83 0.30 0.00	36.94 0.33 0.00	41.39 0.33 0.00	46.19 0.28 0.00	38.47 0.31 0.00	31.62 0.25 0.00	25.94 0.26 0.00
ALTONA_WT_PWR 323606	22.73 0.14 0.00	20.59 0.00 0.00	18.22 -0.04 0.00	17.48 0.02 0.00	20.38 0.12 0.00	22.55 0.18 0.00	25.05 0.37 0.00	23.49 0.46 0.00	20.87 0.39 0.00	18.74 0.29 0.00	19.31 0.34 0.00	19.23 0.25 0.00	19.59 0.27 0.00	19.43 0.25 0.00	19.43 0.21 0.00	20.53 0.20 0.00	23.64 0.28 0.00	29.92 0.38 0.00	37.23 0.62 0.00	41.97 0.90 0.00	46.70 0.78 0.00	38.77 0.61 0.00	31.84 0.47 0.00	25.91 0.23 0.00
AMERICAN_REF_FUEL 24010	20.67 -1.92 0.00	18.78 -1.81 0.00	17.00 -1.26 0.00	16.33 -1.13 0.00	18.83 -1.42 0.00	20.58 -1.79 0.00	22.50 -2.17 0.00	20.71 -2.33 0.00	18.51 -1.97 0.00	16.58 -1.86 0.00	16.97 -1.99 0.00	16.95 -2.03 0.00	17.26 -2.07 0.00	17.03 -2.15 0.00	17.01 -2.21 0.00	17.93 -2.40 0.00	20.72 -2.64 0.00	26.38 -3.16 0.00	32.73 -3.88 0.00	37.12 -3.94 0.00	42.01 -3.90 0.00	34.50 -3.66 0.00	28.45 -2.92 0.00	23.91 -1.77 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.69 -0.90 0.00	19.83 -0.76 0.00	17.94 -0.31 0.00	17.22 -0.24 0.00	19.81 -0.45 0.00	21.64 -0.74 0.00	23.64 -1.04 0.00	21.81 -1.22 0.00	19.56 -0.92 0.00	17.54 -0.90 0.00	17.92 -1.04 0.00	17.88 -1.10 0.00	18.18 -1.14 0.00	17.93 -1.25 0.00	17.87 -1.35 0.00	18.87 -1.46 0.00	21.84 -1.52 0.00	27.82 -1.71 0.00	34.63 -1.98 0.00	39.38 -1.69 0.00	44.63 -1.29 0.00	36.41 -1.75 0.00	29.89 -1.47 0.00	24.99 -0.69 0.00
ARTHUR KILL_GT_1 23520	24.13 1.54 0.00	22.24 1.65 0.00	19.68 1.42 0.00	18.75 1.29 0.00	21.57 1.32 0.00	23.58 1.21 0.00	25.96 1.28 0.00	24.37 1.34 0.00	21.85 1.37 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.42 1.44 0.00	20.81 1.49 0.00	20.71 1.53 0.00	20.75 1.54 0.00	22.04 1.71 0.00	25.23 1.87 0.00	31.84 2.30 0.00	39.32 2.71 0.00	43.61 2.55 0.00	48.49 2.57 0.00	40.41 2.25 0.00	33.31 1.94 0.00	27.22 1.54 0.00
ARTHUR_KILL_2 23512	24.13 1.54 -0.01	22.21 1.61 -0.01	19.65 1.39 -0.01	18.71 1.24 -0.01	21.52 1.26 -0.01	23.51 1.14 0.00	25.89 1.21 0.00	24.32 1.29 0.00	21.81 1.33 0.00	19.76 1.31 -0.01	20.34 1.37 -0.01	20.39 1.40 -0.01	20.78 1.45 -0.01	20.66 1.48 -0.01	20.70 1.48 -0.01	21.98 1.65 -0.01	25.17 1.80 -0.01	31.75 2.22 0.00	39.21 2.60 0.00	43.45 2.38 0.00	48.35 2.43 0.00	40.30 2.14 0.00	33.22 1.85 -0.01	27.18 1.49 -0.01
ARTHUR_KILL_3 23513	23.74 1.15 0.00	21.89 1.30 0.00	19.39 1.13 0.00	18.47 1.01 0.00	21.23 0.97 0.00	23.31 0.94 0.00	25.69 1.01 0.00	24.09 1.06 0.00	21.61 1.13 0.00	19.64 1.20 0.00	20.20 1.23 0.00	20.27 1.29 0.00	20.66 1.33 0.00	20.58 1.40 0.00	20.62 1.40 0.00	21.81 1.48 0.00	24.86 1.50 0.00	31.34 1.80 0.00	38.59 1.98 0.00	42.75 1.68 0.00	47.75 1.84 0.01	39.76 1.60 0.00	32.68 1.32 0.00	26.71 1.03 0.00

ARTHUR_KILL_COGEN 323718	24.20 1.60 -0.01	22.25 1.65 -0.01	19.69 1.42 -0.01	18.76 1.29 -0.01	21.58 1.32 -0.01	23.58 1.21 0.00	25.96 1.28 0.00	24.37 1.34 0.00	21.85 1.37 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.43 1.44 -0.01	20.82 1.49 -0.01	20.72 1.53 -0.01	20.74 1.52 -0.01	22.04 1.71 -0.01	25.24 1.87 -0.01	31.84 2.31 0.00	39.32 2.71 0.00	43.57 2.51 0.00	48.49 2.57 0.00	40.41 2.25 0.00	33.32 1.95 -0.01	27.26 1.57 -0.01
ASHOKAN____ 23654	23.83 1.24 0.00	21.93 1.34 0.00	19.44 1.19 0.00	18.51 1.05 0.00	21.37 1.11 0.00	23.51 1.14 0.00	25.79 1.11 0.00	24.00 0.97 0.00	21.22 0.74 0.00	18.94 0.50 0.00	19.46 0.49 0.00	19.51 0.53 0.00	19.88 0.56 0.00	19.77 0.60 0.00	19.83 0.61 0.00	21.10 0.77 0.00	24.25 0.89 0.00	30.81 1.27 0.00	38.26 1.65 0.00	42.87 1.80 0.00	47.80 1.88 0.00	39.69 1.53 0.00	32.62 1.26 0.00	26.94 1.26 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.96 1.26 -0.11	22.00 1.40 -0.01	19.49 1.22 -0.01	18.57 1.10 -0.01	21.37 1.11 -0.01	23.27 0.90 0.00	25.56 0.89 0.01	24.08 1.06 0.01	21.70 1.23 0.01	19.73 1.29 0.01	20.32 1.35 -0.01	20.39 1.40 -0.01	20.73 1.41 0.01	20.73 1.50 -0.05	20.69 1.48 0.01	22.04 1.63 -0.08	25.14 1.63 -0.14	32.60 1.89 -0.17	39.64 2.12 -0.91	42.82 1.76 0.01	48.40 1.88 -0.60	40.29 1.57 -0.56	33.03 1.63 -0.03	26.92 1.16 -0.09
ASTORIA_EAST_ENERGY_CC2 323582	23.96 1.26 -0.11	22.00 1.40 -0.01	19.49 1.22 -0.01	18.57 1.10 -0.01	21.37 1.11 -0.01	23.27 0.90 0.00	25.56 0.89 0.01	24.08 1.06 0.01	21.70 1.23 0.01	19.73 1.29 0.01	20.32 1.35 -0.01	20.39 1.40 -0.01	20.73 1.41 0.01	20.73 1.50 -0.05	20.69 1.48 0.01	22.02 1.61 -0.08	25.14 1.63 -0.14	32.60 1.89 -0.17	39.64 2.12 -0.91	42.82 1.76 0.01	48.40 1.88 -0.60	40.29 1.57 -0.56	33.03 1.63 -0.03	26.92 1.16 -0.09
ASTORIA_GT2_1 24094	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT2_2 24095	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT2_3 24096	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT2_4 24097	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT3_1 24098	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT3_2 24099	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT3_3 24100	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT3_4 24101	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT4_1 24102	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT4_2 24103	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT4_3 24104	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -0.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08

ASTORIA_GT4_4 24105	23.89 1.20 -0.10	21.99 1.40 0.00	19.48 1.22 0.00	18.58 1.12 0.00	21.37 1.11 0.00	23.27 0.89 0.00	25.59 0.91 0.00	24.12 1.08 0.00	21.71 1.23 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.72 1.41 0.02	20.72 1.50 -0.05	20.70 1.50 0.02	22.03 1.63 -0.07	25.16 1.66 -0.13	32.63 1.92 -1.18	39.65 2.12 -0.91	42.87 1.81 0.00	48.45 1.93 -0.61	40.30 1.56 -0.57	33.02 1.63 -0.02	26.81 1.05 -0.08
ASTORIA_GT_1 23523	23.91 1.22 -0.10	22.03 1.44 0.00	19.51 1.26 0.00	18.60 1.13 0.00	21.39 1.13 0.00	23.31 0.94 0.00	25.61 0.94 0.00	24.14 1.11 0.00	21.75 1.27 0.00	19.76 1.33 0.02	20.35 1.38 0.00	20.42 1.44 0.00	20.76 1.45 0.02	20.76 1.53 -0.05	20.72 1.52 0.02	22.05 1.65 -0.07	25.18 1.68 -0.13	32.69 1.98 -1.18	39.72 2.20 -0.91	42.95 1.89 0.00	48.50 1.97 -0.61	40.37 1.64 -0.57	33.05 1.66 -0.02	26.86 1.10 -0.08
ASTORIA_GT_10 24110	23.90 1.31 0.00	22.10 1.50 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.42 1.05 0.00	25.76 1.09 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.75 1.31 0.00	20.33 1.37 0.00	20.40 1.42 0.00	20.79 1.47 0.00	20.69 1.51 0.00	20.75 1.54 0.00	21.96 1.63 0.00	25.04 1.68 0.00	31.55 2.01 0.00	38.88 2.27 0.00	43.12 2.05 0.00	48.03 2.11 0.00	39.96 1.79 0.00	33.00 1.63 0.00	26.94 1.26 0.00
ASTORIA_GT_11 24225	23.90 1.31 0.00	22.10 1.50 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.42 1.05 0.00	25.76 1.09 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.75 1.31 0.00	20.33 1.37 0.00	20.40 1.42 0.00	20.79 1.47 0.00	20.69 1.51 0.00	20.75 1.54 0.00	21.96 1.63 0.00	25.04 1.68 0.00	31.55 2.01 0.00	38.88 2.27 0.00	43.12 2.05 0.00	48.03 2.11 0.00	39.96 1.79 0.00	33.00 1.63 0.00	26.94 1.26 0.00
ASTORIA_GT_12 24226	23.90 1.31 0.00	22.10 1.50 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.42 1.05 0.00	25.76 1.09 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.75 1.31 0.00	20.33 1.37 0.00	20.40 1.42 0.00	20.79 1.47 0.00	20.69 1.51 0.00	20.75 1.54 0.00	21.96 1.63 0.00	25.04 1.68 0.00	31.55 2.01 0.00	38.88 2.27 0.00	43.12 2.05 0.00	48.03 2.11 0.00	39.96 1.79 0.00	33.00 1.63 0.00	26.94 1.26 0.00
ASTORIA_GT_13 24227	23.90 1.31 0.00	22.10 1.50 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.42 1.05 0.00	25.76 1.09 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.75 1.31 0.00	20.33 1.37 0.00	20.40 1.42 0.00	20.79 1.47 0.00	20.69 1.51 0.00	20.75 1.54 0.00	21.96 1.63 0.00	25.04 1.68 0.00	31.55 2.01 0.00	38.88 2.27 0.00	43.12 2.05 0.00	48.03 2.11 0.00	39.96 1.79 0.00	33.00 1.63 0.00	26.94 1.26 0.00
ASTORIA_GT_5 24106	23.91 1.22 -0.10	22.03 1.44 0.00	19.51 1.26 0.00	18.60 1.13 0.00	21.39 1.13 0.00	23.31 0.94 0.00	25.61 0.94 0.00	24.14 1.11 0.00	21.75 1.27 0.00	19.76 1.33 0.02	20.35 1.38 0.00	20.42 1.44 0.00	20.76 1.45 0.02	20.76 1.53 -0.05	20.72 1.52 0.02	22.05 1.65 -0.07	25.18 1.68 -0.13	32.69 1.98 -1.18	39.72 2.20 -0.91	42.95 1.89 0.00	48.50 1.97 -0.61	40.37 1.64 -0.57	33.05 1.66 -0.02	26.86 1.10 -0.08
ASTORIA_GT_7 24107	23.91 1.22 -0.10	22.03 1.44 0.00	19.51 1.26 0.00	18.60 1.13 0.00	21.39 1.13 0.00	23.31 0.94 0.00	25.61 0.94 0.00	24.14 1.11 0.00	21.75 1.27 0.00	19.76 1.33 0.02	20.35 1.38 0.00	20.42 1.44 0.00	20.76 1.45 0.02	20.76 1.53 -0.05	20.72 1.52 0.02	22.05 1.65 -0.07	25.18 1.68 -0.13	32.69 1.98 -1.18	39.72 2.20 -0.91	42.95 1.89 0.00	48.50 1.97 -0.61	40.37 1.64 -0.57	33.05 1.66 -0.02	26.86 1.10 -0.08
ASTORIA_GT_8 24108	23.91 1.22 -0.10	22.03 1.44 0.00	19.51 1.26 0.00	18.60 1.13 0.00	21.39 1.13 0.00	23.31 0.94 0.00	25.61 0.94 0.00	24.14 1.11 0.00	21.75 1.27 0.00	19.76 1.33 0.02	20.35 1.38 0.00	20.42 1.44 0.00	20.76 1.45 0.02	20.76 1.53 -0.05	20.72 1.52 0.02	22.05 1.65 -0.07	25.18 1.68 -0.13	32.69 1.98 -1.18	39.72 2.20 -0.91	42.95 1.89 0.00	48.50 1.97 -0.61	40.37 1.64 -0.57	33.05 1.66 -0.02	26.86 1.10 -0.08
ASTORIA___2 24149	23.96 1.26 -0.11	22.00 1.40 -0.01	19.50 1.24 -0.01	18.57 1.10 -0.01	21.37 1.11 -0.01	23.27 0.90 0.00	25.58 0.91 0.01	24.08 1.06 0.01	21.70 1.23 0.01	19.75 1.31 0.01	20.34 1.37 -0.01	20.41 1.42 -0.01	20.73 1.41 0.01	20.73 1.50 -0.05	20.71 1.50 0.01	22.04 1.63 -0.08	25.16 1.66 -0.14	32.63 1.92 -1.17	39.64 2.12 -0.91	42.82 1.76 0.01	48.44 1.93 -0.60	40.29 1.57 -0.56	33.03 1.63 -0.03	26.95 1.18 -0.09
ASTORIA___3 23516	23.98 1.38 -0.01	22.10 1.50 -0.01	19.58 1.32 -0.01	18.64 1.17 -0.01	21.44 1.17 -0.01	23.42 1.05 0.00	25.76 1.08 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.76 1.31 -0.01	20.34 1.37 -0.01	20.41 1.42 -0.01	20.80 1.47 -0.01	20.70 1.51 -0.01	20.76 1.54 -0.01	21.96 1.63 -0.01	25.05 1.68 -0.01	31.55 2.01 0.00	38.88 2.27 0.00	43.08 2.01 0.00	48.03 2.11 0.00	39.96 1.79 0.00	33.00 1.63 -0.01	26.97 1.28 -0.01
ASTORIA___4 23517	23.90 1.31 0.00	22.10 1.50 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.42 1.05 0.00	25.76 1.09 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.75 1.31 0.00	20.33 1.37 0.00	20.40 1.42 0.00	20.79 1.47 0.00	20.69 1.51 0.00	20.75 1.54 0.00	21.96 1.63 0.00	25.04 1.68 0.00	31.55 2.01 0.00	38.88 2.27 0.00	43.12 2.05 0.00	48.03 2.11 0.00	39.96 1.79 0.00	33.00 1.63 0.00	26.94 1.26 0.00
ASTORIA___5 23518	23.98 1.38 -0.01	22.10 1.50 -0.01	19.58 1.32 -0.01	18.64 1.17 -0.01	21.44 1.17 -0.01	23.42 1.05 0.00	25.76 1.08 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.76 1.31 -0.01	20.34 1.37 -0.01	20.41 1.42 -0.01	20.80 1.47 -0.01	20.70 1.51 -0.01	20.76 1.54 -0.01	21.96 1.63 -0.01	25.05 1.68 -0.01	31.55 2.01 0.00	38.88 2.27 0.00	43.08 2.01 0.00	48.03 2.11 0.00	39.96 1.79 0.00	33.00 1.63 -0.01	26.97 1.28 -0.01
AST_ENERGY_2_CC3 323677	23.88 1.29 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.54 1.08 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.67 1.19 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.70 1.37 0.00	20.62 1.44 0.00	20.66 1.44 0.00	21.87 1.54 0.00	24.90 1.54 0.00	28.67 1.86 2.73	33.30 2.09 5.40	30.87 1.85 12.04	33.47 2.02 14.47	31.38 1.72 8.50	28.67 1.38 4.07	26.79 1.10 0.00
AST_ENERGY_2_CC4 323678	23.88 1.29 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.54 1.08 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.67 1.19 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.70 1.37 0.00	20.62 1.44 0.00	20.66 1.44 0.00	21.87 1.54 0.00	24.90 1.54 0.00	28.67 1.86 2.73	33.30 2.09 5.40	30.87 1.85 12.04	33.47 2.02 14.47	31.38 1.72 8.50	28.67 1.38 4.07	26.79 1.10 0.00

BARRETT_IC_6 23709	89.66 1.36 -65.71	74.36 1.52 -52.24	43.17 1.42 -23.49	41.55 1.29 -22.80	34.84 1.38 -13.21	34.84 1.34 -11.12	34.84 1.48 -8.68	34.84 1.45 -10.36	36.01 1.41 -14.11	36.23 1.38 -16.40	73.62 1.38 -53.27	73.49 1.44 -53.07	76.71 1.43 -55.96	91.17 1.44 -70.55	84.16 1.44 -63.50	92.73 1.48 -70.92	92.79 1.54 -67.89	207.45 1.86 -176.05	185.07 2.12 -146.34	87.93 1.93 -44.93	126.40 2.20 -78.28	130.35 1.83 -90.36	83.16 1.51 -50.29	82.36 1.31 -55.37
BARRETT_IC_7 23710	89.59 1.29 -65.71	74.36 1.52 -52.24	43.17 1.42 -23.49	41.55 1.29 -22.80	34.84 1.38 -13.21	34.84 1.34 -11.12	34.84 1.48 -8.68	34.86 1.47 -10.36	36.01 1.41 -14.11	36.23 1.38 -16.40	73.62 1.38 -53.27	73.49 1.44 -53.07	76.71 1.43 -55.96	91.17 1.44 -70.55	84.16 1.44 -63.50	92.73 1.48 -70.92	92.79 1.54 -67.89	207.48 1.89 -176.05	185.07 2.12 -146.34	87.97 1.97 -44.93	126.40 2.20 -78.28	130.35 1.83 -90.36	83.16 1.51 -50.29	82.39 1.34 -55.37
BARRETT_IC_8 23711	89.66 1.36 -65.71	74.36 1.52 -52.24	43.17 1.42 -23.49	41.55 1.29 -22.80	34.84 1.38 -13.21	34.84 1.34 -11.12	34.84 1.48 -8.68	34.84 1.45 -10.36	36.01 1.41 -14.11	36.23 1.38 -16.40	73.62 1.38 -53.27	73.49 1.44 -53.07	76.71 1.43 -55.96	91.17 1.44 -70.55	84.16 1.44 -63.50	92.73 1.48 -70.92	92.79 1.54 -67.89	207.45 1.86 -176.05	185.07 2.12 -146.34	87.93 1.93 -44.93	126.40 2.20 -78.28	130.35 1.83 -90.36	83.16 1.51 -50.29	82.36 1.31 -55.37
BARRETT_IC_9 23700	42.21 1.36 -18.26	40.32 1.52 -18.20	36.23 1.42 -16.55	36.23 1.29 -17.48	34.84 1.38 -13.21	34.84 1.34 -11.12	34.84 1.48 -8.68	34.84 1.45 -10.36	36.01 1.41 -14.11	36.23 1.38 -16.40	38.91 1.38 -18.56	38.91 1.44 -18.49	40.25 1.43 -19.50	43.13 1.44 -22.51	42.78 1.44 -22.12	43.13 1.48 -21.32	43.13 1.54 -18.23	43.13 1.86 -11.73	48.36 2.12 -9.63	58.64 1.93 -15.64	47.96 2.20 0.16	45.65 1.83 -5.65	49.34 1.51 -16.47	42.78 1.31 -15.79
BARRETT___1 23545	89.66 1.36 -65.71	74.36 1.52 -52.24	43.17 1.42 -23.49	41.55 1.29 -22.80	34.84 1.38 -13.21	34.84 1.34 -11.12	34.84 1.48 -8.68	34.84 1.45 -10.36	36.01 1.41 -14.11	36.23 1.38 -16.40	73.62 1.38 -53.27	73.49 1.44 -53.07	76.71 1.43 -55.96	91.17 1.44 -70.55	84.16 1.44 -63.50	92.73 1.48 -70.92	92.79 1.54 -67.89	207.45 1.86 -176.05	185.07 2.12 -146.34	87.93 1.93 -44.93	126.40 2.20 -78.28	130.35 1.83 -90.36	83.16 1.51 -50.29	82.36 1.31 -55.37
BARRETT___2 23546	42.21 1.36 -18.26	40.32 1.52 -18.20	36.23 1.42 -16.55	36.23 1.29 -17.48	34.84 1.38 -13.21	34.84 1.34 -11.12	34.84 1.48 -8.68	34.84 1.45 -10.36	36.01 1.41 -14.11	36.23 1.38 -16.40	38.91 1.38 -18.56	38.91 1.44 -18.49	40.25 1.43 -19.50	43.13 1.44 -22.51	42.78 1.44 -22.12	43.13 1.48 -21.32	43.13 1.54 -18.23	43.13 1.86 -11.73	48.36 2.12 -9.63	58.64 1.93 -15.64	47.96 2.20 0.16	45.65 1.83 -5.65	49.34 1.51 -16.47	42.78 1.31 -15.79
BATAVIA___115KV_TB1 55881	21.53 -1.06 0.00	19.54 -1.05 0.00	17.69 -0.57 0.00	16.95 -0.51 0.00	19.60 -0.65 0.00	21.39 -0.98 0.00	23.54 -1.14 0.00	21.70 -1.34 0.00	19.25 -1.23 0.00	17.21 -1.24 0.00	17.62 -1.35 0.00	17.59 -1.39 0.00	17.91 -1.41 0.00	17.66 -1.51 0.00	17.66 -1.56 0.00	18.64 -1.69 0.00	21.63 -1.73 0.00	27.59 -1.95 0.00	34.49 -2.12 0.00	39.18 -1.89 0.00	44.49 -1.42 0.00	36.48 -1.68 0.00	29.98 -1.38 0.00	25.01 -0.67 0.00
BAYONEEC___CTG1 323682	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00
BAYONEEC___CTG10 323750	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00
BAYONEEC___CTG2 323683	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00
BAYONEEC___CTG3 323684	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00
BAYONEEC___CTG4 323685	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00
BAYONEEC___CTG5 323686	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00
BAYONEEC___CTG6 323687	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00
BAYONEEC___CTG7 323688	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00

BAYONEEC___CTG8 323689	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00
BAYONEEC___CTG9 323749	23.83 1.24 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.26 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.62 1.44 0.00	20.67 1.46 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.96 1.89 0.00	47.99 2.07 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.84 1.16 0.00
BEACON___LESR 323632	23.00 0.41 0.00	21.11 0.52 0.00	18.73 0.47 0.00	17.86 0.40 0.00	20.64 0.38 0.00	22.71 0.34 0.00	25.00 0.32 0.00	23.33 0.30 0.00	20.68 0.20 0.00	18.63 0.18 0.00	19.15 0.19 0.00	19.19 0.21 0.00	19.52 0.19 0.00	19.41 0.23 0.00	19.46 0.25 0.00	20.59 0.26 0.00	23.69 0.33 0.00	29.89 0.36 0.00	36.94 0.33 0.00	41.43 0.37 0.00	46.19 0.28 0.00	38.50 0.34 0.00	31.65 0.28 0.00	26.02 0.33 0.00
BEAVER RIVER___HYD 24048	22.32 -0.27 0.00	20.14 -0.45 0.00	17.84 -0.42 0.00	17.08 -0.38 0.00	20.01 -0.24 0.00	22.08 -0.29 0.00	24.33 -0.35 0.00	22.71 -0.32 0.00	20.05 -0.43 0.00	17.91 -0.54 0.00	18.43 -0.53 0.00	18.41 -0.57 0.00	18.74 -0.58 0.00	18.50 -0.67 0.00	18.54 -0.67 0.00	19.60 -0.73 0.00	22.61 -0.75 0.00	28.83 -0.71 0.00	36.10 -0.51 0.00	40.90 -0.16 0.00	45.83 -0.09 0.00	38.12 -0.04 0.00	31.33 -0.03 0.00	25.55 -0.13 0.00
BEEBEE_GT_13 23619	21.55 -1.04 0.00	19.58 -1.01 0.00	17.62 -0.64 0.00	16.87 -0.59 0.00	19.52 -0.73 0.00	21.37 -1.01 0.00	23.52 -1.16 0.00	21.79 -1.24 0.00	19.35 -1.13 0.00	17.34 -1.11 0.00	17.81 -1.16 0.00	17.82 -1.16 0.00	18.18 -1.14 0.00	17.95 -1.23 0.00	17.95 -1.27 0.00	18.97 -1.36 0.00	21.96 -1.40 0.00	27.88 -1.65 0.00	34.67 -1.94 0.00	39.18 -1.89 0.00	44.26 -1.65 0.00	36.48 -1.68 0.00	29.98 -1.38 0.00	24.86 -0.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.08 1.49 0.00	22.24 1.65 0.00	19.68 1.42 0.00	18.73 1.27 0.00	21.53 1.28 0.00	23.54 1.16 0.00	25.94 1.26 0.00	24.37 1.34 0.00	21.87 1.39 0.00	19.85 1.40 0.00	20.43 1.46 0.00	20.50 1.52 0.00	20.89 1.57 0.00	20.79 1.61 0.00	20.85 1.63 0.00	22.08 1.75 0.00	25.23 1.87 0.00	31.84 2.30 0.00	39.28 2.67 0.00	43.57 2.51 0.00	48.53 2.62 0.00	40.37 2.21 0.00	33.28 1.91 0.00	27.17 1.49 0.00
BETHLEHEM___GRP 23843	22.73 0.14 0.00	20.84 0.25 0.00	18.47 0.22 0.00	17.63 0.17 0.00	20.35 0.10 0.00	22.40 0.02 0.00	24.68 0.00 0.00	23.03 0.00 0.00	20.44 -0.04 0.00	18.43 -0.02 0.00	18.95 -0.02 0.00	18.96 -0.02 0.00	19.30 -0.02 0.00	19.20 0.02 0.00	19.25 0.04 0.00	20.35 0.02 0.00	23.39 0.02 0.00	29.51 -0.03 0.00	36.39 -0.22 0.00	40.78 -0.29 0.00	45.46 -0.46 0.00	37.86 -0.31 0.00	31.18 -0.19 0.00	25.63 -0.05 0.00
BETHLEHEM___GS1 323560	22.70 0.11 0.00	20.84 0.25 0.00	18.47 0.22 0.00	17.63 0.17 0.00	20.35 0.10 0.00	22.40 0.02 0.00	24.68 0.00 0.00	23.03 0.00 0.00	20.44 -0.04 0.00	18.43 -0.02 0.00	18.95 -0.02 0.00	18.96 -0.02 0.00	19.30 -0.02 0.00	19.20 0.02 0.00	19.25 0.04 0.00	20.35 0.02 0.00	23.39 0.02 0.00	29.48 -0.06 0.00	36.39 -0.22 0.00	40.78 -0.29 0.00	45.46 -0.46 0.00	37.85 -0.31 0.00	31.18 -0.19 0.00	25.66 -0.03 0.00
BETHLEHEM___GS2 323561	22.70 0.11 0.00	20.84 0.25 0.00	18.47 0.22 0.00	17.63 0.17 0.00	20.35 0.10 0.00	22.40 0.02 0.00	24.68 0.00 0.00	23.03 0.00 0.00	20.44 -0.04 0.00	18.43 -0.02 0.00	18.95 -0.02 0.00	18.96 -0.02 0.00	19.30 -0.02 0.00	19.20 0.02 0.00	19.25 0.04 0.00	20.35 0.02 0.00	23.39 0.02 0.00	29.48 -0.06 0.00	36.39 -0.22 0.00	40.78 -0.29 0.00	45.46 -0.46 0.00	37.85 -0.31 0.00	31.18 -0.19 0.00	25.66 -0.03 0.00
BETHLEHEM___GS3 323562	22.70 0.11 0.00	20.84 0.25 0.00	18.47 0.22 0.00	17.63 0.17 0.00	20.35 0.10 0.00	22.40 0.02 0.00	24.68 0.00 0.00	23.03 0.00 0.00	20.44 -0.04 0.00	18.43 -0.02 0.00	18.95 -0.02 0.00	18.96 -0.02 0.00	19.30 -0.02 0.00	19.20 0.02 0.00	19.25 0.04 0.00	20.35 0.02 0.00	23.39 0.02 0.00	29.48 -0.06 0.00	36.39 -0.22 0.00	40.78 -0.29 0.00	45.46 -0.46 0.00	37.85 -0.31 0.00	31.18 -0.19 0.00	25.66 -0.03 0.00
BETHLEHEM___STEEL 23779	21.32 -1.27 0.00	19.44 -1.15 0.00	17.56 -0.69 0.00	16.81 -0.65 0.00	19.42 -0.83 0.00	21.21 -1.16 0.00	23.20 -1.48 0.00	21.33 -1.70 0.00	19.13 -1.35 0.00	17.15 -1.29 0.00	17.54 -1.42 0.00	17.50 -1.48 0.00	17.82 -1.51 0.00	17.58 -1.59 0.00	17.54 -1.67 0.00	18.50 -1.83 0.00	21.40 -1.96 0.00	27.20 -2.33 0.00	33.90 -2.71 0.00	38.44 -2.63 0.00	43.58 -2.34 0.00	35.72 -2.44 0.00	29.42 -1.94 0.00	24.66 -1.03 0.00
BETHLHEM_115KV_TB1 79974	22.77 0.18 0.00	20.88 0.29 0.00	18.51 0.26 0.00	17.67 0.21 0.00	20.39 0.14 0.00	22.44 0.07 0.00	24.73 0.05 0.00	23.08 0.05 0.00	20.50 0.02 0.00	18.48 0.04 0.00	18.98 0.02 0.00	19.02 0.04 0.00	19.34 0.02 0.00	19.23 0.06 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.43 0.07 0.00	29.57 0.03 0.00	36.50 -0.11 0.00	40.90 -0.16 0.00	45.60 -0.32 0.00	37.97 -0.19 0.00	31.27 -0.09 0.00	25.71 0.03 0.00
BETHPAGE_CC_5 323564	33.26 1.72 -8.96	29.70 1.81 -7.30	23.32 1.61 -3.45	22.31 1.47 -3.38	23.48 1.54 -1.69	25.64 1.57 -1.70	27.71 1.70 -1.33	26.25 1.64 -1.59	24.26 1.62 -2.17	22.55 1.57 -2.54	28.02 1.61 -7.44	28.06 1.67 -7.41	28.84 1.70 -7.82	30.66 1.73 -9.76	29.82 1.73 -8.87	31.94 1.87 -9.74	35.44 1.94 -10.14	59.39 2.39 -27.46	57.80 2.75 -18.44	49.87 2.55 -6.26	58.36 2.85 -9.59	51.89 2.37 -11.36	40.35 2.01 -6.98	34.94 1.69 -7.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.37 -1.22 0.00	19.48 -1.11 0.00	17.60 -0.66 0.00	16.85 -0.61 0.00	19.46 -0.79 0.00	21.25 -1.12 0.00	23.22 -1.46 0.00	21.37 -1.66 0.00	19.17 -1.31 0.00	17.21 -1.24 0.00	17.58 -1.38 0.00	17.56 -1.42 0.00	17.86 -1.47 0.00	17.62 -1.55 0.00	17.58 -1.63 0.00	18.54 -1.79 0.00	21.47 -1.89 0.00	27.29 -2.24 0.00	34.01 -2.60 0.00	38.56 -2.51 0.00	43.71 -2.20 0.00	35.80 -2.37 0.00	29.48 -1.88 0.00	24.71 -0.98 0.00
BINGHAMTON___COGEN 23790	22.36 -0.23 0.00	20.47 -0.12 0.00	18.24 -0.02 0.00	17.44 -0.02 0.00	20.15 -0.10 0.00	22.15 -0.22 0.00	24.33 -0.35 0.00	22.62 -0.41 0.00	20.15 -0.33 0.00	18.13 -0.31 0.00	18.60 -0.36 0.00	18.62 -0.36 0.00	18.96 -0.37 0.00	18.77 -0.40 0.00	18.77 -0.44 0.00	19.86 -0.47 0.00	22.90 -0.47 0.00	29.04 -0.50 0.00	36.06 -0.55 0.00	40.57 -0.49 0.00	45.69 -0.23 0.00	37.78 -0.38 0.00	31.02 -0.35 0.00	25.50 -0.18 0.00

BIXINCNT_115KV_LOAD 355685	21.51 -1.08 0.00	19.67 -0.93 0.00	17.78 -0.47 0.00	17.02 -0.44 0.00	19.63 -0.63 0.00	21.46 -0.92 0.00	23.42 -1.26 0.00	21.60 -1.43 0.00	19.39 -1.09 0.00	17.43 -1.01 0.00	17.79 -1.18 0.00	17.75 -1.23 0.00	18.07 -1.26 0.00	17.83 -1.34 0.00	17.77 -1.44 0.00	18.78 -1.55 0.00	21.73 -1.64 0.00	27.62 -1.92 0.00	34.45 -2.16 0.00	39.14 -1.93 0.00	44.40 -1.52 0.00	36.29 -1.87 0.00	29.83 -1.54 0.00	24.94 -0.74 0.00
BLACK RIVER___HYD 24047	22.41 -0.18 0.00	20.26 -0.33 0.00	17.98 -0.27 0.00	17.22 -0.24 0.00	20.09 -0.16 0.00	22.17 -0.20 0.00	24.36 -0.32 0.00	22.66 -0.37 0.00	19.97 -0.51 0.00	17.80 -0.65 0.00	18.32 -0.64 0.00	18.33 -0.65 0.00	18.65 -0.68 0.00	18.35 -0.82 0.00	18.43 -0.79 0.00	19.48 -0.85 0.00	22.47 -0.89 0.00	28.74 -0.80 0.00	36.13 -0.48 0.00	41.02 -0.04 0.00	46.15 0.23 0.00	38.31 0.15 0.00	31.49 0.13 0.00	25.68 0.00 0.00
BLACKRVR_115KV_TB2 79977	22.41 -0.18 0.00	20.26 -0.33 0.00	17.98 -0.27 0.00	17.20 -0.26 0.00	20.09 -0.16 0.00	22.17 -0.20 0.00	24.36 -0.32 0.00	22.66 -0.37 0.00	19.97 -0.51 0.00	17.80 -0.65 0.00	18.32 -0.64 0.00	18.33 -0.65 0.00	18.65 -0.68 0.00	18.35 -0.82 0.00	18.43 -0.79 0.00	19.48 -0.85 0.00	22.47 -0.89 0.00	28.74 -0.80 0.00	36.13 -0.48 0.00	41.02 -0.04 0.00	46.15 0.23 0.00	38.31 0.15 0.00	31.49 0.13 0.00	25.68 0.00 0.00
BLDWN_LI_69_KV_BK4 356085	48.22 1.56 -24.08	41.62 1.73 -19.30	28.79 1.57 -8.96	27.64 1.43 -8.75	26.46 1.50 -4.71	28.25 1.52 -4.36	29.73 1.65 -3.40	28.70 1.61 -4.06	27.57 1.56 -5.53	26.40 1.51 -6.45	40.20 1.56 -19.68	40.20 1.61 -19.61	41.62 1.62 -20.67	46.80 1.65 -25.98	44.33 1.65 -23.46	48.13 1.75 -26.05	50.88 1.85 -25.67	99.46 2.30 -67.62	91.49 2.64 -52.24	60.20 2.55 -16.59	76.47 2.85 -27.70	72.72 2.33 -32.23	51.81 1.91 -18.54	47.63 1.64 -20.30
BLISS_WT_PWR 323608	21.48 -1.11 0.00	19.67 -0.93 0.00	17.78 -0.47 0.00	17.06 -0.40 0.00	19.63 -0.63 0.00	21.45 -0.92 0.00	23.42 -1.26 0.00	21.60 -1.43 0.00	19.39 -1.09 0.00	17.43 -1.01 0.00	17.79 -1.18 0.00	17.73 -1.25 0.00	18.07 -1.26 0.00	17.83 -1.34 0.00	17.79 -1.42 0.00	18.78 -1.55 0.00	21.75 -1.61 0.00	27.65 -1.89 0.00	34.45 -2.16 0.00	39.18 -1.89 0.00	44.40 -1.51 0.00	36.29 -1.87 0.00	29.83 -1.54 0.00	24.94 -0.75 0.00
BLUESTONE___WT_PWR 323821	23.38 0.79 0.00	21.37 0.78 0.00	19.02 0.77 0.00	18.16 0.70 0.00	20.98 0.73 0.00	23.11 0.74 0.00	25.34 0.67 0.00	23.58 0.55 0.00	20.95 0.47 0.00	18.81 0.37 0.00	19.34 0.38 0.00	19.36 0.38 0.00	19.65 0.33 0.00	19.41 0.23 0.00	19.48 0.27 0.00	20.61 0.28 0.00	23.76 0.40 0.00	30.22 0.68 0.00	37.63 1.02 0.00	42.38 1.31 0.00	47.71 1.79 0.00	39.50 1.33 0.00	32.43 1.07 0.00	26.58 0.90 0.00
BLUE_CIRC_CHEM_DRP 24182	22.97 0.38 0.00	21.07 0.47 0.00	18.69 0.44 0.00	17.84 0.38 0.00	20.60 0.34 0.00	22.66 0.29 0.00	24.95 0.27 0.00	23.26 0.23 0.00	20.62 0.14 0.00	18.56 0.11 0.00	19.08 0.11 0.00	19.09 0.11 0.00	19.44 0.12 0.00	19.31 0.13 0.00	19.37 0.15 0.00	20.49 0.16 0.00	23.55 0.19 0.00	29.74 0.21 0.00	36.83 0.22 0.00	41.31 0.25 0.00	46.10 0.18 0.00	38.43 0.27 0.00	31.58 0.22 0.00	25.96 0.28 0.00
BOC_GAS_DRP 24189	22.88 0.29 0.00	20.98 0.39 0.00	18.60 0.35 0.00	17.77 0.31 0.00	20.52 0.26 0.00	22.57 0.20 0.00	24.87 0.20 0.00	23.22 0.18 0.00	20.64 0.16 0.00	18.61 0.17 0.00	19.14 0.17 0.00	19.17 0.19 0.00	19.50 0.17 0.00	19.39 0.21 0.00	19.43 0.21 0.00	20.55 0.22 0.00	23.60 0.23 0.00	29.77 0.24 0.00	36.83 0.22 0.00	41.23 0.16 0.00	46.01 0.09 0.00	38.31 0.15 0.00	31.52 0.16 0.00	25.86 0.18 0.00
BOONVILLE_115KV_TB1 79983	22.75 0.16 0.00	20.63 0.04 0.00	18.29 0.04 0.00	17.50 0.03 0.00	20.39 0.14 0.00	22.51 0.13 0.00	24.75 0.07 0.00	23.08 0.05 0.00	20.46 -0.02 0.00	18.33 -0.11 0.00	18.87 -0.09 0.00	18.87 -0.11 0.00	19.19 -0.14 0.00	18.97 -0.21 0.00	19.04 -0.17 0.00	20.13 -0.20 0.00	23.20 -0.16 0.00	29.48 -0.06 0.00	36.76 0.15 0.00	41.44 0.37 0.00	46.47 0.55 0.00	38.62 0.46 0.00	31.74 0.38 0.00	25.94 0.26 0.00
BORALEX_4TH_BRANCH 23824	23.40 0.81 0.00	21.48 0.89 0.00	19.06 0.80 0.00	18.19 0.73 0.00	20.94 0.69 0.00	22.98 0.60 0.00	25.52 0.84 0.00	23.82 0.78 0.00	21.05 0.57 0.00	18.96 0.52 0.00	19.44 0.47 0.00	19.43 0.46 0.00	19.77 0.44 0.00	19.64 0.46 0.00	19.73 0.52 0.00	20.84 0.51 0.00	23.92 0.56 0.00	30.16 0.62 0.00	37.31 0.70 0.00	42.17 1.11 0.00	46.79 0.87 0.00	39.00 0.84 0.00	32.02 0.66 0.00	26.25 0.57 0.00
BOWLINE___1 23526	23.56 0.97 0.00	21.70 1.11 0.00	19.22 0.97 0.00	18.32 0.86 0.00	21.08 0.83 0.00	23.16 0.78 0.00	25.52 0.84 0.00	23.89 0.85 0.00	21.38 0.90 0.00	19.39 0.94 0.00	19.95 0.99 0.00	20.00 1.02 0.00	20.39 1.06 0.00	20.29 1.11 0.00	20.31 1.09 0.00	21.55 1.22 0.00	24.62 1.26 0.00	31.04 1.51 0.00	38.26 1.65 0.00	42.54 1.48 0.00	47.62 1.70 0.00	39.53 1.37 0.00	32.46 1.10 0.00	26.56 0.87 0.00
BOWLINE___2 23595	23.56 0.97 0.00	21.70 1.11 0.00	19.22 0.97 0.00	18.32 0.86 0.00	21.08 0.83 0.00	23.16 0.78 0.00	25.52 0.84 0.00	23.89 0.85 0.00	21.38 0.90 0.00	19.39 0.94 0.00	19.95 0.99 0.00	20.00 1.02 0.00	20.39 1.06 0.00	20.29 1.11 0.00	20.31 1.09 0.00	21.55 1.22 0.00	24.62 1.26 0.00	31.04 1.51 0.00	38.26 1.65 0.00	42.54 1.48 0.00	47.62 1.70 0.00	39.53 1.37 0.00	32.46 1.10 0.00	26.56 0.87 0.00
BRADY___115KV_TB2 356060	22.66 0.07 0.00	20.49 -0.10 0.00	18.11 -0.15 0.00	17.37 -0.09 0.00	20.27 0.02 0.00	22.46 0.09 0.00	25.02 0.35 0.00	23.38 0.35 0.00	20.68 0.20 0.00	18.56 0.11 0.00	19.10 0.13 0.00	19.02 0.04 0.00	19.38 0.06 0.00	19.20 0.02 0.00	19.21 0.00 0.00	20.33 0.00 0.00	23.43 0.07 0.00	29.68 0.15 0.00	37.09 0.48 0.00	41.93 0.86 0.00	46.51 0.60 0.00	38.89 0.73 0.00	31.96 0.60 0.00	25.91 0.23 0.00
BRANSCOMB___SOLAR 323811	23.36 0.77 0.00	21.42 0.82 0.00	19.00 0.75 0.00	18.16 0.70 0.00	20.98 0.73 0.00	23.09 0.72 0.00	25.39 0.72 0.00	23.63 0.60 0.00	20.83 0.35 0.00	18.68 0.24 0.00	19.19 0.23 0.00	19.21 0.23 0.00	19.54 0.21 0.00	19.43 0.25 0.00	19.50 0.29 0.00	20.61 0.28 0.00	23.76 0.40 0.00	30.07 0.53 0.00	37.38 0.77 0.00	42.09 1.03 0.00	47.02 1.10 0.00	39.19 1.03 0.00	32.15 0.78 0.00	26.43 0.75 0.00
BRDGHMPT_69_KV_BK1 55812	27.45 2.24 -2.63	25.17 2.29 -2.29	21.35 2.04 -1.05	20.41 1.92 -1.03	22.76 2.01 -0.50	24.92 2.04 -0.51	27.24 2.17 -0.40	25.58 2.07 -0.47	23.20 2.07 -0.65	21.21 1.99 -0.77	23.37 2.07 -2.34	23.41 2.11 -2.33	23.98 2.26 -2.45	24.42 2.26 -2.98	24.26 2.27 -2.78	25.77 2.52 -2.92	29.60 2.73 -3.50	42.87 3.60 -9.73	44.89 4.14 -4.14	47.00 3.98 -1.95	52.15 4.32 -1.91	44.28 3.59 -2.53	36.55 3.04 -2.15	30.33 2.41 -2.24

BRENTWOD_69_KV_W. BRTWOOD 56703	27.93 1.94 -3.39	25.55 2.06 -2.90	21.44 1.84 -1.34	20.47 1.69 -1.31	22.68 1.78 -0.64	24.84 1.81 -0.65	27.13 1.95 -0.51	25.53 1.89 -0.61	23.15 1.84 -0.83	21.20 1.77 -0.98	23.72 1.80 -2.95	23.78 1.86 -2.94	24.32 1.89 -3.10	24.93 1.96 -3.80	24.69 1.96 -3.52	26.21 2.13 -3.75	29.96 2.29 -4.31	44.35 2.92 -11.89	45.80 3.29 -5.89	46.58 3.04 -2.48	52.08 3.31 -2.86	44.56 2.79 -3.61	36.57 2.48 -2.73	30.57 2.00 -2.88
BRISTLHL_115KV_TB1 79998	21.71 -0.88 0.00	19.81 -0.78 0.00	17.63 -0.62 0.00	16.85 -0.61 0.00	19.50 -0.75 0.00	21.48 -0.89 0.00	23.62 -1.06 0.00	22.00 -1.04 0.00	19.56 -0.92 0.00	17.56 -0.89 0.00	18.05 -0.91 0.00	18.07 -0.91 0.00	18.40 -0.93 0.00	18.24 -0.94 0.00	18.27 -0.94 0.00	19.31 -1.02 0.00	22.26 -1.10 0.00	28.24 -1.30 0.00	35.07 -1.54 0.00	39.42 -1.64 0.00	44.31 -1.61 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.73 -0.95 0.00
BROOKHAVEN___DRP 24191	27.12 1.92 -2.61	24.87 2.00 -2.28	21.13 1.83 -1.05	20.18 1.69 -1.02	22.49 1.74 -0.49	24.62 1.75 -0.51	26.94 1.88 -0.39	25.30 1.80 -0.47	22.91 1.78 -0.64	20.93 1.72 -0.77	23.05 1.76 -2.32	23.09 1.80 -2.31	23.62 1.86 -2.44	24.05 1.92 -2.96	23.90 1.92 -2.77	25.35 2.11 -2.90	29.11 2.27 -3.48	42.17 2.95 -9.68	44.01 3.29 -4.10	46.09 3.08 -1.94	51.16 3.35 -1.89	43.49 2.82 -2.51	35.98 2.48 -2.13	29.88 1.98 -2.22
BROOKLYN_NAVY_YARD 23515	23.88 1.20 -0.10	21.93 1.34 0.00	19.41 1.15 0.00	18.49 1.03 0.00	21.25 0.99 0.00	23.33 0.96 0.00	25.76 1.08 0.00	24.14 1.11 0.00	21.65 1.17 0.00	19.66 1.22 0.00	20.22 1.25 0.00	20.31 1.33 0.00	20.68 1.35 0.00	20.66 1.42 -0.07	20.64 1.42 0.00	21.96 1.53 -0.11	25.12 1.57 -0.20	32.25 1.80 -0.92	39.33 2.01 -0.71	42.87 1.80 0.00	48.32 1.93 -0.47	40.24 1.64 -0.44	32.81 1.41 -0.03	26.84 1.08 -0.08
BROOKLYN___ARMY_DRP 323595	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
BROOME_2_LFGE 323671	22.36 -0.23 0.00	20.47 -0.12 0.00	18.25 0.00 0.00	17.44 -0.02 0.00	20.15 -0.10 0.00	22.15 -0.22 0.00	24.33 -0.35 0.00	22.64 -0.39 0.00	20.15 -0.33 0.00	18.13 -0.31 0.00	18.60 -0.36 0.00	18.62 -0.36 0.00	18.96 -0.37 0.00	18.77 -0.40 0.00	18.79 -0.42 0.00	19.86 -0.47 0.00	22.90 -0.47 0.00	29.03 -0.50 0.00	36.06 -0.55 0.00	40.61 -0.45 0.00	45.69 -0.23 0.00	37.78 -0.38 0.00	31.02 -0.34 0.00	25.50 -0.18 0.00
BROOME___LFGE 323600	22.36 -0.23 0.00	20.47 -0.12 0.00	18.25 0.00 0.00	17.44 -0.02 0.00	20.15 -0.10 0.00	22.15 -0.22 0.00	24.33 -0.35 0.00	22.64 -0.39 0.00	20.15 -0.33 0.00	18.13 -0.31 0.00	18.60 -0.36 0.00	18.62 -0.36 0.00	18.96 -0.37 0.00	18.77 -0.40 0.00	18.79 -0.42 0.00	19.86 -0.47 0.00	22.90 -0.47 0.00	29.03 -0.50 0.00	36.06 -0.55 0.00	40.61 -0.45 0.00	45.69 -0.23 0.00	37.78 -0.38 0.00	31.02 -0.34 0.00	25.50 -0.18 0.00
BROWNFLS_115KV_TB 3_5 80003	22.12 -0.47 0.00	19.95 -0.64 0.00	17.65 -0.60 0.00	16.92 -0.54 0.00	19.79 -0.47 0.00	21.88 -0.49 0.00	24.26 -0.42 0.00	22.66 -0.37 0.00	20.03 -0.45 0.00	17.93 -0.52 0.00	18.45 -0.51 0.00	18.41 -0.57 0.00	18.74 -0.58 0.00	18.54 -0.63 0.00	18.56 -0.65 0.00	19.64 -0.69 0.00	22.64 -0.72 0.00	28.77 -0.77 0.00	35.99 -0.62 0.00	40.70 -0.37 0.00	45.37 -0.55 0.00	37.86 -0.31 0.00	31.11 -0.25 0.00	25.27 -0.41 0.00
BROWNSV1_27_KV_LOAD 356125	23.92 1.33 0.00	22.12 1.52 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.54 1.16 0.00	25.96 1.28 0.00	24.35 1.31 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.79 1.58 0.00	22.02 1.69 0.00	25.11 1.75 0.00	31.66 2.13 0.00	39.03 2.42 0.00	43.32 2.26 0.00	48.40 2.48 0.00	40.22 2.06 0.00	33.03 1.66 0.00	27.04 1.36 0.00
BURROWS___LYONSDAL 23803	22.64 0.05 0.00	20.49 -0.10 0.00	18.18 -0.07 0.00	17.39 -0.07 0.00	20.29 0.04 0.00	22.42 0.04 0.00	24.65 -0.02 0.00	22.99 -0.05 0.00	20.36 -0.12 0.00	18.24 -0.20 0.00	18.76 -0.21 0.00	18.75 -0.23 0.00	19.07 -0.25 0.00	18.85 -0.33 0.00	18.93 -0.29 0.00	20.00 -0.33 0.00	23.06 -0.30 0.00	29.33 -0.21 0.00	36.61 0.00 0.00	41.31 0.25 0.00	46.33 0.41 0.00	38.51 0.34 0.00	31.62 0.25 0.00	25.84 0.15 0.00
CAITHNESS_CC_1 323624	27.08 1.90 -2.59	24.81 1.96 -2.26	21.06 1.77 -1.04	20.10 1.62 -1.02	22.45 1.70 -0.49	24.57 1.70 -0.50	26.89 1.83 -0.39	25.23 1.73 -0.47	22.86 1.74 -0.64	20.88 1.68 -0.76	23.00 1.73 -2.31	23.04 1.77 -2.30	23.56 1.82 -2.42	24.00 1.88 -2.94	23.85 1.88 -2.75	25.29 2.07 -2.88	29.02 2.20 -3.47	42.00 2.84 -9.63	43.86 3.18 -4.07	45.91 2.92 -1.93	50.95 3.17 -1.87	43.31 2.67 -2.48	35.87 2.38 -2.12	29.79 1.90 -2.21
CALPINE BETH_PAGE_GT4 24209	35.48 1.65 -11.24	31.49 1.79 -9.11	24.17 1.59 -4.33	23.17 1.47 -4.24	23.89 1.52 -2.12	26.06 1.54 -2.14	28.02 1.68 -1.67	26.68 1.66 -1.99	24.80 1.60 -2.72	23.18 1.55 -3.18	29.85 1.59 -9.29	29.88 1.65 -9.25	30.76 1.68 -9.75	33.09 1.71 -12.20	32.01 1.73 -11.07	34.38 1.85 -12.21	37.77 1.87 -12.54	65.78 2.33 -33.91	62.86 2.64 -23.62	51.39 2.51 -7.82	61.05 2.76 -12.38	55.01 2.29 -14.55	42.03 1.94 -8.72	36.90 1.72 -9.49
CALPINE_BETH_PAGE_GT_4 323586	35.53 1.70 -11.24	31.49 1.79 -9.11	24.19 1.61 -4.33	23.15 1.45 -4.24	23.89 1.52 -2.12	26.06 1.54 -2.14	28.03 1.68 -1.67	26.66 1.64 -1.99	24.80 1.60 -2.72	23.18 1.55 -3.18	29.85 1.59 -9.29	29.88 1.65 -9.25	30.76 1.68 -9.75	33.09 1.71 -12.20	32.01 1.73 -11.07	34.38 1.85 -12.21	37.77 1.87 -12.54	65.78 2.33 -33.91	62.87 2.64 -23.62	51.34 2.46 -7.82	61.05 2.75 -12.38	55.01 2.29 -14.55	42.03 1.95 -8.72	36.87 1.69 -9.49
CALPINE_BP_GT1 23823	35.53 1.70 -11.24	31.49 1.79 -9.11	24.19 1.61 -4.33	23.15 1.45 -4.24	23.89 1.52 -2.12	26.06 1.54 -2.14	28.03 1.68 -1.67	26.66 1.64 -1.99	24.80 1.60 -2.72	23.18 1.55 -3.18	29.85 1.59 -9.29	29.88 1.65 -9.25	30.76 1.68 -9.75	33.09 1.71 -12.20	32.01 1.73 -11.07	34.38 1.85 -12.21	37.77 1.87 -12.54	65.78 2.33 -33.91	62.87 2.64 -23.62	51.34 2.46 -7.82	61.05 2.75 -12.38	55.01 2.29 -14.55	42.03 1.95 -8.72	36.87 1.69 -9.49
CALSPAN___DRP 24200	21.32 -1.27 0.00	19.44 -1.15 0.00	17.56 -0.69 0.00	16.81 -0.65 0.00	19.42 -0.83 0.00	21.21 -1.16 0.00	23.20 -1.48 0.00	21.33 -1.70 0.00	19.13 -1.35 0.00	17.15 -1.29 0.00	17.54 -1.42 0.00	17.50 -1.48 0.00	17.82 -1.51 0.00	17.58 -1.59 0.00	17.54 -1.67 0.00	18.50 -1.83 0.00	21.40 -1.96 0.00	27.20 -2.33 0.00	33.90 -2.71 0.00	38.44 -2.63 0.00	43.58 -2.34 0.00	35.72 -2.44 0.00	29.42 -1.94 0.00	24.66 -1.03 0.00

CALVERTON___SOLAR 323806	27.24 2.03 -2.61	24.93 2.06 -2.28	21.17 1.86 -1.05	20.21 1.73 -1.02	22.55 1.80 -0.50	24.69 1.81 -0.51	27.02 1.95 -0.39	25.35 1.84 -0.47	22.97 1.84 -0.64	20.97 1.75 -0.77	23.09 1.80 -2.33	23.14 1.84 -2.32	23.66 1.89 -2.44	24.10 1.96 -2.96	23.96 1.98 -2.77	25.41 2.18 -2.91	29.19 2.34 -3.49	42.30 3.07 -9.69	44.21 3.48 -4.12	46.26 3.24 -1.95	51.35 3.54 -1.90	43.65 2.98 -2.51	36.08 2.57 -2.14	29.96 2.06 -2.23
CANDIGU_WT_PWR 323617	21.87 -0.72 0.00	19.99 -0.60 0.00	17.94 -0.31 0.00	17.20 -0.26 0.00	19.83 -0.43 0.00	21.75 -0.63 0.00	23.79 -0.89 0.00	21.95 -1.08 0.00	19.50 -0.98 0.00	17.49 -0.96 0.00	17.92 -1.04 0.00	17.90 -1.08 0.00	18.22 -1.10 0.00	17.99 -1.19 0.00	17.98 -1.23 0.00	18.99 -1.34 0.00	21.96 -1.40 0.00	27.94 -1.60 0.00	34.89 -1.72 0.00	39.71 -1.35 0.00	44.95 -0.97 0.00	37.02 -1.14 0.00	30.39 -0.97 0.00	25.12 -0.57 0.00
CARR STREET_E_SYR 24060	22.05 -0.54 0.00	20.12 -0.47 0.00	17.93 -0.33 0.00	17.13 -0.33 0.00	19.81 -0.45 0.00	21.79 -0.58 0.00	23.99 -0.69 0.00	22.34 -0.69 0.00	19.87 -0.61 0.00	17.85 -0.59 0.00	18.34 -0.63 0.00	18.37 -0.61 0.00	18.70 -0.62 0.00	18.52 -0.65 0.00	18.56 -0.65 0.00	19.64 -0.69 0.00	22.61 -0.75 0.00	28.71 -0.83 0.00	35.51 -1.10 0.00	39.83 -1.23 0.00	44.77 -1.15 0.00	37.05 -1.11 0.00	30.55 -0.82 0.00	25.12 -0.57 0.00
CARTHAGE___PAPER 23857	22.34 -0.25 0.00	20.16 -0.43 0.00	17.87 -0.38 0.00	17.11 -0.35 0.00	20.01 -0.24 0.00	22.11 -0.27 0.00	24.36 -0.32 0.00	22.69 -0.34 0.00	20.01 -0.47 0.00	17.85 -0.59 0.00	18.36 -0.61 0.00	18.35 -0.63 0.00	18.69 -0.64 0.00	18.43 -0.75 0.00	18.48 -0.73 0.00	19.54 -0.79 0.00	22.54 -0.82 0.00	28.77 -0.77 0.00	36.13 -0.48 0.00	40.98 -0.08 0.00	46.01 0.09 0.00	38.24 0.08 0.00	31.40 0.03 0.00	25.61 -0.08 0.00
CASSADAGA_WT_PWR 323784	21.80 -0.79 0.00	19.97 -0.62 0.00	18.07 -0.18 0.00	17.34 -0.12 0.00	19.93 -0.32 0.00	21.77 -0.60 0.00	23.79 -0.89 0.00	21.93 -1.11 0.00	19.68 -0.80 0.00	17.67 -0.77 0.00	18.04 -0.93 0.00	17.97 -1.01 0.00	18.28 -1.04 0.00	18.03 -1.15 0.00	17.97 -1.25 0.00	18.95 -1.38 0.00	21.98 -1.38 0.00	28.00 -1.54 0.00	34.89 -1.72 0.00	39.71 -1.35 0.00	45.00 -0.92 0.00	36.67 -1.49 0.00	30.11 -1.26 0.00	25.17 -0.51 0.00
CE_DUNWOOD___DRP 24194	23.65 1.06 0.00	21.83 1.24 0.00	19.33 1.08 0.00	18.44 0.98 0.00	21.18 0.93 0.00	23.29 0.92 0.00	25.66 0.99 0.00	24.05 1.01 0.00	21.52 1.04 0.00	19.52 1.07 0.00	20.08 1.12 0.00	20.16 1.18 0.00	20.52 1.20 0.00	20.44 1.27 0.00	20.48 1.27 0.00	21.71 1.38 0.00	24.79 1.43 0.00	31.28 1.74 0.00	38.55 1.94 0.00	42.79 1.72 0.00	47.85 1.93 0.00	39.76 1.60 0.00	32.68 1.32 0.00	26.74 1.05 0.00
CE_MILLWOOD___DRP 24193	23.61 1.02 0.00	21.79 1.19 0.00	19.29 1.04 0.00	18.39 0.93 0.00	21.14 0.89 0.00	23.25 0.87 0.00	25.61 0.94 0.00	24.00 0.97 0.00	21.46 0.98 0.00	19.46 1.01 0.00	20.03 1.06 0.00	20.10 1.12 0.00	20.46 1.14 0.00	20.37 1.19 0.00	20.41 1.19 0.00	21.63 1.30 0.00	24.74 1.38 0.00	31.19 1.65 0.00	38.44 1.83 0.00	42.71 1.64 0.00	47.75 1.84 0.00	39.69 1.53 0.00	32.59 1.22 0.00	26.68 1.00 0.00
CE_NYC2_DRP 24202	23.92 1.33 0.00	22.10 1.50 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.42 1.05 0.00	25.79 1.11 0.00	24.25 1.22 0.00	21.77 1.29 0.00	19.77 1.33 0.00	20.35 1.38 0.00	20.42 1.44 0.00	20.79 1.47 0.00	20.71 1.53 0.00	20.75 1.54 0.00	21.98 1.65 0.00	25.07 1.71 0.00	31.58 2.04 0.00	38.92 2.31 0.00	43.16 2.09 0.00	48.08 2.16 0.00	39.99 1.83 0.00	33.00 1.63 0.00	26.97 1.28 0.00
CE_NYC_DRP 24195	23.81 1.22 0.00	22.01 1.42 0.00	19.50 1.24 0.00	18.58 1.12 0.00	21.35 1.09 0.00	23.45 1.07 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.36 1.39 0.00	20.73 1.41 0.00	20.65 1.48 0.00	20.69 1.48 0.00	21.91 1.59 0.00	25.00 1.64 0.00	31.52 1.98 0.00	38.84 2.23 0.00	43.08 2.01 0.00	48.12 2.20 0.00	39.99 1.83 0.00	32.87 1.51 0.00	26.92 1.23 0.00
CHAFFEE___LFGE 323603	21.35 -1.24 0.00	19.48 -1.11 0.00	17.61 -0.64 0.00	16.90 -0.56 0.00	19.44 -0.81 0.00	21.26 -1.12 0.00	23.22 -1.46 0.00	21.40 -1.63 0.00	19.17 -1.31 0.00	17.17 -1.27 0.00	17.56 -1.40 0.00	17.52 -1.46 0.00	17.84 -1.49 0.00	17.58 -1.59 0.00	17.56 -1.65 0.00	18.52 -1.81 0.00	21.45 -1.92 0.00	27.32 -2.22 0.00	33.97 -2.64 0.00	38.64 -2.42 0.00	43.76 -2.16 0.00	35.80 -2.37 0.00	29.45 -1.91 0.00	24.68 -1.00 0.00
CHATEAUG_35_KV_LOAD 355732	22.64 0.05 0.00	20.49 -0.10 0.00	18.13 -0.13 0.00	17.39 -0.07 0.00	20.29 0.04 0.00	22.48 0.11 0.00	24.95 0.27 0.00	23.38 0.35 0.00	20.77 0.29 0.00	18.65 0.20 0.00	19.19 0.23 0.00	19.11 0.13 0.00	19.48 0.15 0.00	19.31 0.13 0.00	19.31 0.10 0.00	20.43 0.10 0.00	23.53 0.16 0.00	29.77 0.24 0.00	37.12 0.51 0.00	41.85 0.78 0.00	46.56 0.64 0.00	38.66 0.50 0.00	31.71 0.35 0.00	25.81 0.13 0.00
CHATEAUG_WT_PWR 323614	22.61 0.02 0.00	20.49 -0.10 0.00	18.11 -0.15 0.00	17.37 -0.09 0.00	20.25 0.00 0.00	22.44 0.07 0.00	24.92 0.25 0.00	23.35 0.32 0.00	20.75 0.27 0.00	18.63 0.18 0.00	19.19 0.23 0.00	19.11 0.13 0.00	19.48 0.15 0.00	19.31 0.14 0.00	19.31 0.10 0.00	20.43 0.10 0.00	23.53 0.16 0.00	29.75 0.21 0.00	37.05 0.44 0.00	41.72 0.66 0.00	46.42 0.51 0.00	38.54 0.38 0.00	31.65 0.28 0.00	25.76 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	22.64 0.05 0.00	20.49 -0.10 0.00	18.13 -0.13 0.00	17.39 -0.07 0.00	20.29 0.04 0.00	22.48 0.11 0.00	24.95 0.27 0.00	23.38 0.35 0.00	20.77 0.29 0.00	18.65 0.20 0.00	19.19 0.23 0.00	19.11 0.13 0.00	19.48 0.15 0.00	19.31 0.13 0.00	19.31 0.10 0.00	20.43 0.10 0.00	23.53 0.16 0.00	29.77 0.24 0.00	37.12 0.51 0.00	41.85 0.78 0.00	46.56 0.64 0.00	38.66 0.50 0.00	31.71 0.35 0.00	25.81 0.13 0.00
CHAUTAUQUA___LFGE 323629	21.64 -0.95 0.00	19.79 -0.80 0.00	17.91 -0.35 0.00	17.16 -0.30 0.00	19.77 -0.49 0.00	21.59 -0.78 0.00	23.59 -1.09 0.00	21.74 -1.29 0.00	19.50 -0.98 0.00	17.49 -0.96 0.00	17.86 -1.10 0.00	17.82 -1.16 0.00	18.14 -1.18 0.00	17.89 -1.28 0.00	17.83 -1.38 0.00	18.82 -1.50 0.00	21.80 -1.57 0.00	27.73 -1.80 0.00	34.53 -2.09 0.00	39.26 -1.81 0.00	44.49 -1.42 0.00	36.37 -1.79 0.00	29.86 -1.50 0.00	24.99 -0.69 0.00
CHERRYST_13_KV_LD 356241	23.88 1.29 0.00	22.07 1.48 0.00	19.53 1.28 0.00	18.61 1.15 0.00	21.39 1.13 0.00	23.49 1.12 0.00	25.91 1.23 0.00	24.30 1.27 0.00	21.77 1.29 0.00	19.75 1.31 0.00	20.33 1.37 0.00	20.42 1.44 0.00	20.79 1.47 0.00	20.69 1.51 0.00	20.75 1.54 0.00	21.98 1.65 0.00	25.04 1.68 0.00	31.60 2.07 0.00	38.92 2.31 0.00	43.20 2.14 0.00	48.21 2.30 0.00	40.11 1.95 0.00	32.93 1.57 0.00	26.97 1.28 0.00

CHESTROR_138KV_BK263 355645	23.38 0.79 0.00	21.54 0.95 0.00	19.09 0.84 0.00	18.19 0.73 0.00	20.96 0.71 0.00	23.04 0.67 0.00	25.39 0.72 0.00	23.75 0.71 0.00	21.22 0.74 0.00	19.18 0.74 0.00	19.74 0.78 0.00	19.80 0.82 0.00	20.16 0.83 0.00	20.06 0.88 0.00	20.10 0.88 0.00	21.30 0.98 0.00	24.39 1.03 0.00	30.78 1.24 0.00	38.00 1.39 0.00	42.34 1.27 0.00	47.34 1.42 0.00	39.31 1.14 0.00	32.27 0.91 0.00	26.45 0.77 0.00
CH_MIDHUDSON___DRP 24192	23.58 0.99 0.00	21.72 1.13 0.00	19.26 1.00 0.00	18.35 0.89 0.00	21.12 0.87 0.00	23.25 0.87 0.00	25.59 0.91 0.00	23.93 0.90 0.00	21.36 0.88 0.00	19.31 0.87 0.00	19.86 0.89 0.00	19.93 0.95 0.00	20.29 0.97 0.00	20.21 1.04 0.00	20.25 1.04 0.00	21.47 1.14 0.00	24.58 1.21 0.00	31.04 1.51 0.00	38.33 1.72 0.00	42.67 1.60 0.00	47.66 1.74 0.00	39.57 1.41 0.00	32.52 1.16 0.00	26.68 1.00 0.00
CH_MISC_IPPS 23765	23.70 1.11 0.00	21.81 1.21 0.00	19.33 1.08 0.00	18.40 0.94 0.00	21.21 0.95 0.00	23.33 0.96 0.00	25.69 1.01 0.00	24.00 0.97 0.00	21.44 0.96 0.00	19.35 0.90 0.00	19.89 0.93 0.00	19.97 0.99 0.00	20.35 1.02 0.00	20.25 1.07 0.00	20.29 1.08 0.00	21.55 1.22 0.00	24.67 1.31 0.00	31.16 1.62 0.00	38.51 1.90 0.00	42.87 1.80 0.00	47.89 1.97 0.00	39.76 1.60 0.00	32.65 1.29 0.00	26.79 1.10 0.00
CH_RES_BVR_FALLS 23983	22.43 -0.16 0.00	20.45 -0.14 0.00	18.13 -0.13 0.00	17.36 -0.10 0.00	20.15 -0.10 0.00	22.26 -0.11 0.00	24.60 -0.07 0.00	22.96 -0.07 0.00	20.42 -0.06 0.00	18.39 -0.06 0.00	18.91 -0.06 0.00	18.90 -0.08 0.00	19.25 -0.08 0.00	19.10 -0.08 0.00	19.14 -0.08 0.00	20.23 -0.10 0.00	23.27 -0.09 0.00	29.42 -0.12 0.00	36.50 -0.11 0.00	40.98 -0.08 0.00	45.78 -0.14 0.00	38.05 -0.11 0.00	31.27 -0.09 0.00	25.58 -0.10 0.00
CH_RES_NIAGARA 23895	20.81 -1.78 0.00	18.88 -1.71 0.00	17.09 -1.17 0.00	16.36 -1.10 0.00	18.94 -1.32 0.00	20.70 -1.68 0.00	22.55 -2.12 0.00	20.73 -2.30 0.00	18.58 -1.90 0.00	16.64 -1.81 0.00	17.03 -1.93 0.00	17.01 -1.97 0.00	17.31 -2.01 0.00	17.09 -2.09 0.00	17.06 -2.15 0.00	17.99 -2.34 0.00	20.77 -2.59 0.00	26.38 -3.16 0.00	32.80 -3.81 0.00	37.12 -3.94 0.00	42.06 -3.86 0.00	34.54 -3.63 0.00	28.48 -2.89 0.00	23.99 -1.70 0.00
CH_RES_SYRACUSE 23985	22.03 -0.56 0.00	20.10 -0.49 0.00	17.89 -0.36 0.00	17.11 -0.35 0.00	19.79 -0.47 0.00	21.77 -0.60 0.00	23.96 -0.72 0.00	22.32 -0.71 0.00	19.82 -0.66 0.00	17.82 -0.63 0.00	18.30 -0.66 0.00	18.33 -0.65 0.00	18.67 -0.66 0.00	18.49 -0.69 0.00	18.52 -0.69 0.00	19.58 -0.75 0.00	22.57 -0.79 0.00	28.68 -0.86 0.00	35.59 -1.02 0.00	40.04 -1.03 0.00	45.00 -0.92 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.09 -0.59 0.00
CLINTON_WT_PWR 323605	22.61 0.02 0.00	20.49 -0.10 0.00	18.11 -0.15 0.00	17.37 -0.09 0.00	20.25 0.00 0.00	22.44 0.07 0.00	24.92 0.25 0.00	23.35 0.32 0.00	20.75 0.27 0.00	18.63 0.18 0.00	19.19 0.23 0.00	19.11 0.13 0.00	19.48 0.15 0.00	19.31 0.14 0.00	19.31 0.10 0.00	20.43 0.10 0.00	23.53 0.16 0.00	29.75 0.21 0.00	37.05 0.44 0.00	41.72 0.66 0.00	46.42 0.51 0.00	38.54 0.38 0.00	31.65 0.28 0.00	25.76 0.08 0.00
CLINTON___LFGE 323618	22.93 0.34 0.00	20.76 0.16 0.00	18.36 0.11 0.00	17.62 0.16 0.00	20.54 0.28 0.00	22.73 0.36 0.00	25.27 0.59 0.00	23.70 0.67 0.00	21.03 0.55 0.00	18.89 0.44 0.00	19.44 0.47 0.00	19.34 0.36 0.00	19.73 0.41 0.00	19.54 0.36 0.00	19.52 0.31 0.00	20.65 0.32 0.00	23.81 0.44 0.00	30.13 0.59 0.00	37.60 0.99 0.00	42.46 1.40 0.00	47.25 1.33 0.00	39.15 0.99 0.00	32.12 0.75 0.00	26.17 0.49 0.00
COBBLENY_34_KV_TB1 80064	21.37 -1.22 0.00	19.48 -1.11 0.00	17.60 -0.66 0.00	16.85 -0.61 0.00	19.44 -0.81 0.00	21.25 -1.12 0.00	23.22 -1.46 0.00	21.37 -1.66 0.00	19.17 -1.31 0.00	17.19 -1.25 0.00	17.56 -1.40 0.00	17.52 -1.46 0.00	17.84 -1.49 0.00	17.58 -1.59 0.00	17.54 -1.67 0.00	18.52 -1.81 0.00	21.45 -1.92 0.00	27.26 -2.27 0.00	33.97 -2.64 0.00	38.60 -2.46 0.00	43.76 -2.16 0.00	35.80 -2.37 0.00	29.45 -1.91 0.00	24.68 -1.00 0.00
COFFEEN___115KV_TB3 355620	22.50 -0.09 0.00	20.32 -0.27 0.00	18.05 -0.20 0.00	17.27 -0.19 0.00	20.15 -0.10 0.00	22.24 -0.13 0.00	24.41 -0.27 0.00	22.71 -0.32 0.00	19.99 -0.49 0.00	17.80 -0.65 0.00	18.30 -0.66 0.00	18.31 -0.66 0.00	18.63 -0.70 0.00	18.35 -0.82 0.00	18.43 -0.79 0.00	19.45 -0.87 0.00	22.47 -0.89 0.00	28.77 -0.77 0.00	36.21 -0.40 0.00	41.15 0.08 0.00	46.38 0.46 0.00	38.51 0.34 0.00	31.62 0.25 0.00	25.79 0.10 0.00
COLDSPRG_115KV_BK1 355956	21.93 -0.66 0.00	20.10 -0.49 0.00	18.16 -0.09 0.00	17.39 -0.07 0.00	20.01 -0.24 0.00	21.86 -0.51 0.00	23.86 -0.81 0.00	22.00 -1.04 0.00	19.78 -0.70 0.00	17.76 -0.68 0.00	18.13 -0.83 0.00	18.07 -0.91 0.00	18.38 -0.95 0.00	18.12 -1.05 0.00	18.04 -1.17 0.00	19.05 -1.28 0.00	22.08 -1.28 0.00	28.09 -1.45 0.00	35.07 -1.54 0.00	39.92 -1.15 0.00	45.27 -0.64 0.00	36.90 -1.26 0.00	30.30 -1.07 0.00	25.30 -0.39 0.00
COLONIE_LFGE___ 323577	23.13 0.54 0.00	21.25 0.66 0.00	18.84 0.58 0.00	18.00 0.54 0.00	20.76 0.51 0.00	22.82 0.45 0.00	25.20 0.52 0.00	23.52 0.48 0.00	20.81 0.33 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.24 0.27 0.00	19.57 0.25 0.00	19.46 0.29 0.00	19.54 0.33 0.00	20.65 0.32 0.00	23.74 0.37 0.00	29.95 0.41 0.00	37.12 0.51 0.00	41.76 0.70 0.00	46.51 0.60 0.00	38.73 0.57 0.00	31.84 0.47 0.00	26.15 0.46 0.00
COOPERNY_115KV_TB1 80082	23.20 0.61 0.00	21.33 0.74 0.00	18.91 0.66 0.00	18.04 0.58 0.00	20.80 0.55 0.00	22.89 0.51 0.00	25.19 0.52 0.00	23.56 0.53 0.00	21.03 0.55 0.00	19.02 0.57 0.00	19.55 0.59 0.00	19.61 0.63 0.00	19.96 0.64 0.00	19.85 0.67 0.00	19.89 0.67 0.00	21.06 0.73 0.00	24.13 0.77 0.00	30.45 0.92 0.00	37.64 1.03 0.00	41.97 0.90 0.00	46.97 1.06 0.00	39.00 0.84 0.00	32.05 0.69 0.00	26.27 0.59 0.00
COPENHAGEN_WT_PWR 323753	22.36 -0.23 0.00	20.22 -0.37 0.00	17.96 -0.29 0.00	17.18 -0.28 0.00	20.03 -0.22 0.00	22.11 -0.27 0.00	24.28 -0.40 0.00	22.62 -0.41 0.00	19.93 -0.55 0.00	17.78 -0.66 0.00	18.30 -0.66 0.00	18.31 -0.66 0.00	18.63 -0.69 0.00	18.35 -0.82 0.00	18.43 -0.79 0.00	19.46 -0.87 0.00	22.45 -0.91 0.00	28.68 -0.86 0.00	36.02 -0.59 0.00	40.86 -0.20 0.00	45.96 0.05 0.00	38.16 0.00 0.00	31.40 0.03 0.00	25.61 -0.08 0.00
CORNELL_____ 23752	22.59 0.00 0.00	20.63 0.04 0.00	18.38 0.13 0.00	17.57 0.10 0.00	20.31 0.06 0.00	22.35 -0.02 0.00	24.55 -0.12 0.00	22.85 -0.18 0.00	20.28 -0.20 0.00	18.17 -0.28 0.00	18.62 -0.34 0.00	18.64 -0.34 0.00	18.94 -0.39 0.00	18.74 -0.44 0.00	18.77 -0.44 0.00	19.88 -0.45 0.00	22.94 -0.42 0.00	29.24 -0.30 0.00	36.46 -0.15 0.00	41.11 0.04 0.00	46.33 0.41 0.00	38.28 0.11 0.00	31.43 0.06 0.00	25.76 0.08 0.00

CORONA__69_KV_TB1 355595	70.63 1.51 -46.53	59.36 1.71 -37.06	36.48 1.53 -16.69	35.08 1.41 -16.21	30.12 1.48 -8.39	31.77 1.48 -7.92	32.46 1.60 -6.18	31.99 1.59 -7.37	32.06 1.54 -10.05	31.63 1.49 -11.70	58.27 1.52 -37.79	58.20 1.58 -37.64	60.60 1.58 -39.69	70.78 1.59 -50.01	65.87 1.61 -45.04	72.26 1.69 -50.24	74.15 1.78 -49.01	161.19 2.19 -129.47	142.22 2.56 -103.05	75.39 2.46 -31.86	103.69 2.76 -55.02	104.06 2.29 -63.61	68.87 1.85 -35.66	66.49 1.59 -39.21
CORTLAND__115KV_TB3 80093	22.48 -0.11 0.00	20.53 -0.06 0.00	18.27 0.02 0.00	17.46 0.00 0.00	20.19 -0.06 0.00	22.24 -0.13 0.00	24.43 -0.25 0.00	22.76 -0.28 0.00	20.21 -0.27 0.00	18.15 -0.30 0.00	18.62 -0.34 0.00	18.66 -0.32 0.00	18.98 -0.35 0.00	18.77 -0.40 0.00	18.81 -0.40 0.00	19.90 -0.43 0.00	22.94 -0.42 0.00	29.15 -0.38 0.00	36.28 -0.33 0.00	40.82 -0.25 0.00	45.96 0.05 0.00	38.01 -0.15 0.00	31.21 -0.16 0.00	25.61 -0.08 0.00
COXSACKIE__GT 23611	23.54 0.95 0.00	21.62 1.03 0.00	19.18 0.93 0.00	18.30 0.84 0.00	21.14 0.89 0.00	23.33 0.96 0.00	25.61 0.94 0.00	23.84 0.81 0.00	20.95 0.47 0.00	18.65 0.20 0.00	19.12 0.15 0.00	19.15 0.17 0.00	19.48 0.15 0.00	19.37 0.19 0.00	19.43 0.21 0.00	20.61 0.28 0.00	23.81 0.44 0.00	30.30 0.77 0.00	37.75 1.14 0.00	42.50 1.44 0.00	47.34 1.42 0.00	39.35 1.18 0.00	32.30 0.94 0.00	26.68 1.00 0.00
CPV__VALLEY__CC1 323721	23.27 0.68 0.00	21.39 0.80 0.00	18.95 0.69 0.00	18.07 0.61 0.00	20.82 0.57 0.00	22.89 0.51 0.00	25.22 0.54 0.00	23.58 0.55 0.00	21.07 0.59 0.00	19.07 0.63 0.00	19.63 0.66 0.00	19.68 0.70 0.00	20.04 0.72 0.00	19.92 0.75 0.00	19.96 0.75 0.00	21.16 0.83 0.00	24.23 0.86 0.00	30.54 1.00 0.00	37.71 1.10 0.00	42.01 0.95 0.00	46.97 1.06 0.00	39.04 0.88 0.00	32.05 0.69 0.00	26.27 0.59 0.00
CPV__VALLEY__CC2 323722	23.27 0.68 0.00	21.39 0.80 0.00	18.95 0.69 0.00	18.07 0.61 0.00	20.82 0.57 0.00	22.89 0.51 0.00	25.22 0.54 0.00	23.58 0.55 0.00	21.07 0.59 0.00	19.07 0.63 0.00	19.63 0.66 0.00	19.68 0.70 0.00	20.04 0.72 0.00	19.92 0.75 0.00	19.96 0.75 0.00	21.16 0.83 0.00	24.23 0.86 0.00	30.54 1.00 0.00	37.71 1.10 0.00	42.01 0.95 0.00	46.97 1.06 0.00	39.04 0.88 0.00	32.05 0.69 0.00	26.27 0.59 0.00
CRESCENT__HYD 24018	23.13 0.54 0.00	21.25 0.66 0.00	18.84 0.58 0.00	18.00 0.54 0.00	20.76 0.51 0.00	22.82 0.45 0.00	25.20 0.52 0.00	23.52 0.48 0.00	20.81 0.33 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.24 0.27 0.00	19.57 0.25 0.00	19.46 0.29 0.00	19.54 0.33 0.00	20.65 0.32 0.00	23.74 0.37 0.00	29.95 0.41 0.00	37.12 0.51 0.00	41.76 0.70 0.00	46.51 0.60 0.00	38.73 0.57 0.00	31.84 0.47 0.00	26.15 0.46 0.00
CRICKET__VALLEY_CC1 323756	23.47 0.88 0.00	21.60 1.01 0.00	19.15 0.89 0.00	18.23 0.77 0.00	21.00 0.75 0.00	23.09 0.72 0.00	25.44 0.77 0.00	23.77 0.74 0.00	21.24 0.76 0.00	19.26 0.81 0.00	19.78 0.81 0.00	19.85 0.87 0.00	20.21 0.89 0.00	20.12 0.94 0.00	20.16 0.94 0.00	21.37 1.04 0.00	24.44 1.08 0.00	30.81 1.27 0.00	38.04 1.43 0.00	42.30 1.23 0.00	47.29 1.38 0.00	39.31 1.14 0.00	32.30 0.94 0.00	26.45 0.77 0.00
CRICKET__VALLEY_CC2 323757	23.47 0.88 0.00	21.60 1.01 0.00	19.15 0.89 0.00	18.23 0.77 0.00	21.00 0.75 0.00	23.09 0.72 0.00	25.44 0.77 0.00	23.77 0.74 0.00	21.24 0.76 0.00	19.26 0.81 0.00	19.78 0.81 0.00	19.85 0.87 0.00	20.21 0.89 0.00	20.12 0.94 0.00	20.16 0.94 0.00	21.37 1.04 0.00	24.44 1.08 0.00	30.81 1.27 0.00	38.04 1.43 0.00	42.30 1.23 0.00	47.29 1.38 0.00	39.31 1.14 0.00	32.30 0.94 0.00	26.45 0.77 0.00
CRICKET__VALLEY_CC3 323758	23.47 0.88 0.00	21.60 1.01 0.00	19.15 0.89 0.00	18.23 0.77 0.00	21.00 0.75 0.00	23.09 0.72 0.00	25.44 0.77 0.00	23.77 0.74 0.00	21.24 0.76 0.00	19.26 0.81 0.00	19.78 0.81 0.00	19.85 0.87 0.00	20.21 0.89 0.00	20.12 0.94 0.00	20.16 0.94 0.00	21.37 1.04 0.00	24.44 1.08 0.00	30.81 1.27 0.00	38.04 1.43 0.00	42.30 1.23 0.00	47.29 1.38 0.00	39.31 1.14 0.00	32.30 0.94 0.00	26.45 0.77 0.00
CRUCIBLE__METL_DRP 24180	22.03 -0.56 0.00	20.10 -0.49 0.00	17.89 -0.37 0.00	17.09 -0.37 0.00	19.79 -0.47 0.00	21.77 -0.60 0.00	23.96 -0.72 0.00	22.32 -0.71 0.00	19.82 -0.66 0.00	17.82 -0.63 0.00	18.30 -0.66 0.00	18.33 -0.65 0.00	18.67 -0.66 0.00	18.49 -0.69 0.00	18.52 -0.69 0.00	19.58 -0.75 0.00	22.57 -0.79 0.00	28.65 -0.89 0.00	35.59 -1.03 0.00	40.00 -1.07 0.00	45.00 -0.92 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.09 -0.59 0.00
DAHOWA__HYDRO 323763	23.40 0.81 0.00	21.46 0.86 0.00	19.04 0.78 0.00	18.19 0.73 0.00	21.02 0.77 0.00	23.16 0.78 0.00	25.44 0.77 0.00	23.68 0.64 0.00	20.85 0.37 0.00	18.70 0.26 0.00	19.21 0.25 0.00	19.23 0.25 0.00	19.56 0.23 0.00	19.44 0.27 0.00	19.52 0.31 0.00	20.63 0.31 0.00	23.81 0.44 0.00	30.13 0.59 0.00	37.49 0.88 0.00	42.21 1.15 0.00	47.16 1.24 0.00	39.31 1.14 0.00	32.24 0.88 0.00	26.48 0.80 0.00
DANC__LFGE 323619	22.16 -0.43 0.00	20.10 -0.49 0.00	17.87 -0.38 0.00	17.09 -0.37 0.00	19.87 -0.39 0.00	21.90 -0.47 0.00	24.03 -0.64 0.00	22.39 -0.64 0.00	19.80 -0.68 0.00	17.71 -0.74 0.00	18.23 -0.74 0.00	18.26 -0.72 0.00	18.57 -0.75 0.00	18.33 -0.84 0.00	18.39 -0.83 0.00	19.41 -0.91 0.00	22.38 -0.98 0.00	28.53 -1.00 0.00	35.70 -0.91 0.00	40.37 -0.70 0.00	45.37 -0.55 0.00	37.66 -0.50 0.00	30.99 -0.37 0.00	25.32 -0.36 0.00
DANSKAMMER__1 23586	23.70 1.11 0.00	21.81 1.21 0.00	19.33 1.08 0.00	18.40 0.94 0.00	21.21 0.95 0.00	23.33 0.96 0.00	25.69 1.01 0.00	24.00 0.97 0.00	21.44 0.96 0.00	19.35 0.90 0.00	19.89 0.93 0.00	19.97 0.99 0.00	20.35 1.02 0.00	20.25 1.07 0.00	20.29 1.08 0.00	21.55 1.22 0.00	24.67 1.31 0.00	31.16 1.62 0.00	38.51 1.90 0.00	42.87 1.80 0.00	47.89 1.97 0.00	39.76 1.60 0.00	32.65 1.29 0.00	26.79 1.10 0.00
DANSKAMMER__2 23589	23.70 1.11 0.00	21.81 1.21 0.00	19.33 1.08 0.00	18.40 0.94 0.00	21.21 0.95 0.00	23.33 0.96 0.00	25.69 1.01 0.00	24.00 0.97 0.00	21.44 0.96 0.00	19.35 0.90 0.00	19.89 0.93 0.00	19.97 0.99 0.00	20.35 1.02 0.00	20.25 1.07 0.00	20.29 1.08 0.00	21.55 1.22 0.00	24.67 1.31 0.00	31.16 1.62 0.00	38.51 1.90 0.00	42.87 1.80 0.00	47.89 1.97 0.00	39.76 1.60 0.00	32.65 1.29 0.00	26.79 1.10 0.00
DANSKAMMER__3 23590	23.70 1.11 0.00	21.81 1.21 0.00	19.33 1.08 0.00	18.40 0.94 0.00	21.21 0.95 0.00	23.33 0.96 0.00	25.69 1.01 0.00	24.00 0.97 0.00	21.44 0.96 0.00	19.35 0.90 0.00	19.89 0.93 0.00	19.97 0.99 0.00	20.35 1.02 0.00	20.25 1.07 0.00	20.29 1.08 0.00	21.55 1.22 0.00	24.67 1.31 0.00	31.16 1.62 0.00	38.51 1.90 0.00	42.87 1.80 0.00	47.89 1.97 0.00	39.76 1.60 0.00	32.65 1.29 0.00	26.79 1.10 0.00

DANSKAMMER___4 23591	23.70 1.11 0.00	21.81 1.21 0.00	19.33 1.08 0.00	18.40 0.94 0.00	21.21 0.95 0.00	23.33 0.96 0.00	25.69 1.01 0.00	24.00 0.97 0.00	21.44 0.96 0.00	19.35 0.90 0.00	19.89 0.93 0.00	19.97 0.99 0.00	20.35 1.02 0.00	20.25 1.07 0.00	20.29 1.08 0.00	21.55 1.22 0.00	24.67 1.31 0.00	31.16 1.62 0.00	38.51 1.90 0.00	42.87 1.80 0.00	47.89 1.97 0.00	39.76 1.60 0.00	32.65 1.29 0.00	26.79 1.10 0.00
DANSKAMMER___DIESEL 23592	23.67 1.08 0.00	21.81 1.21 0.00	19.33 1.08 0.00	18.42 0.96 0.00	21.20 0.95 0.00	23.34 0.96 0.00	25.69 1.01 0.00	24.02 0.99 0.00	21.44 0.96 0.00	19.35 0.90 0.00	19.89 0.93 0.00	19.97 0.99 0.00	20.35 1.02 0.00	20.25 1.07 0.00	20.29 1.08 0.00	21.55 1.22 0.00	24.67 1.31 0.00	31.16 1.62 0.00	38.51 1.90 0.00	42.87 1.81 0.00	47.89 1.97 0.00	39.76 1.60 0.00	32.65 1.29 0.00	26.79 1.10 0.00
DARBY___SOLAR 323810	23.36 0.77 0.00	21.42 0.82 0.00	19.02 0.77 0.00	18.16 0.70 0.00	20.98 0.73 0.00	23.09 0.72 0.00	25.39 0.72 0.00	23.63 0.60 0.00	20.83 0.35 0.00	18.68 0.24 0.00	19.19 0.23 0.00	19.21 0.23 0.00	19.54 0.21 0.00	19.43 0.25 0.00	19.50 0.29 0.00	20.61 0.28 0.00	23.78 0.42 0.00	30.10 0.56 0.00	37.45 0.84 0.00	42.13 1.07 0.00	47.07 1.15 0.00	39.23 1.07 0.00	32.15 0.78 0.00	26.43 0.75 0.00
DASHVILLE___HYD 23610	23.67 1.08 0.00	21.85 1.26 0.00	19.35 1.10 0.00	18.44 0.98 0.00	21.20 0.95 0.00	23.31 0.94 0.00	25.66 0.99 0.00	24.00 0.97 0.00	21.42 0.94 0.00	19.33 0.89 0.00	19.89 0.93 0.00	19.97 0.99 0.00	20.33 1.00 0.00	20.25 1.07 0.00	20.29 1.08 0.00	21.53 1.20 0.00	24.65 1.28 0.00	31.13 1.60 0.00	38.44 1.83 0.00	42.79 1.72 0.00	47.80 1.88 0.00	39.69 1.53 0.00	32.62 1.25 0.00	26.79 1.10 0.00
DELAWARE___LFGE 323621	23.02 0.43 0.00	21.09 0.49 0.00	18.73 0.47 0.00	17.88 0.42 0.00	20.66 0.41 0.00	22.75 0.38 0.00	25.02 0.35 0.00	23.33 0.30 0.00	20.77 0.29 0.00	18.70 0.26 0.00	19.23 0.27 0.00	19.24 0.27 0.00	19.58 0.25 0.00	19.41 0.23 0.00	19.46 0.25 0.00	20.59 0.26 0.00	23.67 0.30 0.00	29.95 0.41 0.00	37.16 0.55 0.00	41.68 0.62 0.00	46.74 0.83 0.00	38.81 0.65 0.00	31.87 0.50 0.00	26.14 0.46 0.00
DERFIELD_115KV_TB7 355931	22.59 0.00 0.00	20.61 0.02 0.00	18.29 0.04 0.00	17.48 0.02 0.00	20.25 0.00 0.00	22.35 -0.02 0.00	24.63 -0.05 0.00	22.99 -0.05 0.00	20.44 -0.04 0.00	18.41 -0.04 0.00	18.93 -0.04 0.00	18.94 -0.04 0.00	19.29 -0.04 0.00	19.14 -0.04 0.00	19.18 -0.04 0.00	20.29 -0.04 0.00	23.29 -0.07 0.00	29.45 -0.09 0.00	36.50 -0.11 0.00	40.94 -0.12 0.00	45.78 -0.14 0.00	38.09 -0.08 0.00	31.30 -0.06 0.00	25.66 -0.03 0.00
DOGLEVILLE___HYD 23807	22.36 -0.23 0.00	20.41 -0.19 0.00	18.09 -0.16 0.00	17.30 -0.16 0.00	20.05 -0.20 0.00	22.15 -0.22 0.00	24.38 -0.30 0.00	22.76 -0.28 0.00	20.21 -0.27 0.00	18.21 -0.24 0.00	18.72 -0.25 0.00	18.73 -0.25 0.00	19.05 -0.27 0.00	18.89 -0.29 0.00	18.93 -0.29 0.00	20.02 -0.30 0.00	23.04 -0.33 0.00	29.12 -0.41 0.00	36.13 -0.48 0.00	40.53 -0.53 0.00	45.32 -0.60 0.00	37.78 -0.38 0.00	31.05 -0.31 0.00	25.48 -0.21 0.00
DUNKIRK___115KV_TB_200 55889	21.64 -0.95 0.00	19.77 -0.82 0.00	17.87 -0.38 0.00	17.11 -0.35 0.00	19.73 -0.53 0.00	21.57 -0.81 0.00	23.57 -1.11 0.00	21.70 -1.34 0.00	19.46 -1.02 0.00	17.47 -0.98 0.00	17.85 -1.12 0.00	17.82 -1.16 0.00	18.13 -1.20 0.00	17.87 -1.30 0.00	17.81 -1.40 0.00	18.80 -1.52 0.00	21.77 -1.59 0.00	27.68 -1.86 0.00	34.49 -2.12 0.00	39.18 -1.89 0.00	44.40 -1.52 0.00	36.29 -1.87 0.00	29.83 -1.54 0.00	24.96 -0.72 0.00
DUNKIRK___1 23563	21.64 -0.95 0.00	19.77 -0.82 0.00	17.87 -0.38 0.00	17.11 -0.35 0.00	19.73 -0.53 0.00	21.57 -0.81 0.00	23.57 -1.11 0.00	21.70 -1.34 0.00	19.46 -1.02 0.00	17.47 -0.98 0.00	17.85 -1.12 0.00	17.82 -1.16 0.00	18.13 -1.20 0.00	17.87 -1.30 0.00	17.81 -1.40 0.00	18.80 -1.52 0.00	21.77 -1.59 0.00	27.68 -1.86 0.00	34.49 -2.12 0.00	39.18 -1.89 0.00	44.40 -1.52 0.00	36.29 -1.87 0.00	29.83 -1.54 0.00	24.96 -0.72 0.00
DUNKIRK___2 23564	21.64 -0.95 0.00	19.77 -0.82 0.00	17.87 -0.38 0.00	17.11 -0.35 0.00	19.73 -0.53 0.00	21.57 -0.81 0.00	23.57 -1.11 0.00	21.70 -1.34 0.00	19.46 -1.02 0.00	17.47 -0.98 0.00	17.85 -1.12 0.00	17.82 -1.16 0.00	18.13 -1.20 0.00	17.87 -1.30 0.00	17.81 -1.40 0.00	18.80 -1.52 0.00	21.77 -1.59 0.00	27.68 -1.86 0.00	34.49 -2.12 0.00	39.18 -1.89 0.00	44.40 -1.52 0.00	36.29 -1.87 0.00	29.83 -1.54 0.00	24.96 -0.72 0.00
DUNKIRK___3 23565	21.53 -1.06 0.00	19.67 -0.93 0.00	17.76 -0.49 0.00	17.01 -0.45 0.00	19.63 -0.63 0.00	21.43 -0.94 0.00	23.42 -1.26 0.00	21.56 -1.47 0.00	19.33 -1.15 0.00	17.38 -1.07 0.00	17.75 -1.21 0.00	17.73 -1.25 0.00	18.03 -1.29 0.00	17.80 -1.38 0.00	17.74 -1.48 0.00	18.72 -1.61 0.00	21.66 -1.71 0.00	27.53 -2.01 0.00	34.30 -2.31 0.00	38.93 -2.14 0.00	44.13 -1.79 0.00	36.10 -2.06 0.00	29.70 -1.66 0.00	24.83 -0.85 0.00
DUNKIRK___4 23566	21.53 -1.06 0.00	19.67 -0.93 0.00	17.76 -0.49 0.00	17.01 -0.45 0.00	19.63 -0.63 0.00	21.43 -0.94 0.00	23.42 -1.26 0.00	21.56 -1.47 0.00	19.33 -1.15 0.00	17.38 -1.07 0.00	17.75 -1.21 0.00	17.73 -1.25 0.00	18.03 -1.29 0.00	17.80 -1.38 0.00	17.74 -1.48 0.00	18.72 -1.61 0.00	21.66 -1.71 0.00	27.53 -2.01 0.00	34.30 -2.31 0.00	38.93 -2.14 0.00	44.13 -1.79 0.00	36.10 -2.06 0.00	29.70 -1.66 0.00	24.83 -0.85 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.72 1.13 0.00	21.89 1.30 0.00	19.37 1.11 0.00	18.47 1.01 0.00	21.23 0.97 0.00	23.34 0.96 0.00	25.71 1.04 0.00	24.12 1.08 0.00	21.59 1.11 0.00	19.57 1.13 0.00	20.14 1.18 0.00	20.21 1.23 0.00	20.58 1.26 0.00	20.50 1.32 0.00	20.54 1.33 0.00	21.77 1.44 0.00	24.88 1.52 0.00	31.37 1.83 0.00	38.66 2.05 0.00	42.91 1.85 0.00	47.98 2.07 0.00	39.84 1.68 0.00	32.74 1.38 0.00	26.79 1.10 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.54 0.95 0.00	21.68 1.09 0.00	19.22 0.97 0.00	18.32 0.86 0.00	21.08 0.83 0.00	23.20 0.83 0.00	25.54 0.86 0.00	23.88 0.85 0.00	21.34 0.86 0.00	19.28 0.83 0.00	19.84 0.87 0.00	19.91 0.93 0.00	20.27 0.95 0.00	20.17 1.00 0.00	20.21 1.00 0.00	21.45 1.12 0.00	24.55 1.19 0.00	30.98 1.45 0.00	38.26 1.65 0.00	42.63 1.56 0.00	47.62 1.70 0.00	39.54 1.37 0.00	32.46 1.10 0.00	26.63 0.95 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.88 1.29 0.00	22.07 1.48 0.00	19.55 1.30 0.00	18.63 1.17 0.00	21.43 1.17 0.00	23.36 0.98 0.00	25.69 1.01 0.00	24.16 1.13 0.00	21.69 1.21 0.00	19.68 1.25 0.02	20.27 1.31 0.00	20.35 1.37 0.00	20.70 1.39 0.02	20.63 1.46 0.00	20.66 1.46 0.02	21.89 1.57 0.00	24.97 1.61 0.00	31.46 1.92 0.00	38.77 2.16 0.00	42.95 1.89 0.00	47.89 1.97 0.00	39.80 1.64 0.00	33.00 1.63 0.00	26.86 1.18 0.00

E179THST_13_KV_LOAD 356214	23.97 1.38 0.00	22.14 1.54 0.00	19.61 1.35 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.42 1.05 0.00	25.76 1.09 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.74 1.31 0.02	20.33 1.37 0.00	20.40 1.42 0.00	20.78 1.47 0.02	20.71 1.53 0.00	20.74 1.54 0.02	21.98 1.65 0.00	25.07 1.71 0.00	31.58 2.04 0.00	38.92 2.31 0.00	43.16 2.09 0.00	48.08 2.16 0.00	39.96 1.79 0.00	33.12 1.76 0.00	26.97 1.28 0.00
EAST HAMPTON___GT 23717	27.57 2.35 -2.63	25.19 2.31 -2.29	21.39 2.08 -1.05	20.44 1.96 -1.03	22.80 2.04 -0.50	24.96 2.08 -0.51	27.29 2.22 -0.40	25.60 2.10 -0.47	23.28 2.15 -0.65	21.30 2.08 -0.77	23.48 2.18 -2.34	23.56 2.26 -2.33	24.13 2.36 -2.45	24.59 2.44 -2.98	24.42 2.42 -2.78	25.96 2.70 -2.92	29.81 2.94 -3.50	43.16 3.90 -9.73	45.26 4.50 -4.15	47.33 4.31 -1.96	52.52 4.69 -1.92	44.54 3.85 -2.53	36.71 3.20 -2.15	30.46 2.54 -2.24
EAST RIVER___6 23660	23.88 1.29 0.00	21.99 1.40 0.00	19.48 1.22 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.73 1.41 0.00	20.63 1.46 0.00	20.69 1.48 0.00	21.89 1.57 0.00	24.97 1.61 0.00	31.49 1.95 0.00	38.81 2.20 0.00	43.00 1.93 0.00	48.08 2.16 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.86 1.18 0.00
EAST RIVER___7 23524	23.88 1.29 0.00	21.99 1.40 0.00	19.48 1.22 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.73 1.41 0.00	20.63 1.46 0.00	20.69 1.48 0.00	21.89 1.57 0.00	24.97 1.61 0.00	31.49 1.95 0.00	38.81 2.20 0.00	43.00 1.93 0.00	48.08 2.16 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.86 1.18 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.65 1.06 0.00	21.83 1.24 0.00	19.33 1.08 0.00	18.44 0.98 0.00	21.18 0.93 0.00	23.29 0.92 0.00	25.66 0.99 0.00	24.05 1.01 0.00	21.52 1.04 0.00	19.52 1.07 0.00	20.08 1.12 0.00	20.16 1.18 0.00	20.52 1.20 0.00	20.44 1.27 0.00	20.48 1.27 0.00	21.71 1.38 0.00	24.79 1.43 0.00	31.28 1.74 0.00	38.55 1.94 0.00	42.79 1.72 0.00	47.85 1.93 0.00	39.76 1.60 0.00	32.68 1.32 0.00	26.74 1.05 0.00
EAST_HAMPTON___DIESEL 23722	27.54 2.33 -2.63	25.17 2.29 -2.29	21.37 2.06 -1.05	20.43 1.94 -1.03	22.78 2.03 -0.50	24.94 2.06 -0.51	27.27 2.20 -0.40	25.58 2.07 -0.47	23.26 2.13 -0.65	21.30 2.08 -0.77	23.48 2.18 -2.34	23.56 2.26 -2.33	24.13 2.36 -2.45	24.59 2.44 -2.98	24.44 2.44 -2.78	25.96 2.70 -2.92	29.81 2.94 -3.50	43.16 3.90 -9.73	45.26 4.50 -4.15	47.33 4.31 -1.95	52.47 4.64 -1.92	44.54 3.85 -2.53	36.71 3.20 -2.15	30.44 2.52 -2.24
EAST_POINT___SOLAR 323840	24.04 1.45 0.00	21.97 1.38 0.00	19.51 1.26 0.00	18.65 1.19 0.00	21.61 1.36 0.00	23.83 1.45 0.00	25.96 1.28 0.00	24.02 0.99 0.00	21.03 0.55 0.00	18.65 0.20 0.00	19.14 0.17 0.00	19.02 0.04 0.00	19.23 -0.10 0.00	19.12 -0.06 0.00	19.16 -0.06 0.00	20.23 -0.10 0.00	23.32 -0.05 0.00	29.83 0.30 0.00	37.93 1.32 0.00	43.49 2.42 0.00	48.99 3.08 0.00	40.76 2.60 0.00	33.40 2.04 0.00	27.40 1.72 0.00
EAST_PULASKI___ESR 323781	21.96 -0.63 0.00	19.97 -0.62 0.00	17.78 -0.47 0.00	17.01 -0.45 0.00	19.71 -0.55 0.00	21.70 -0.67 0.00	23.84 -0.84 0.00	22.20 -0.83 0.00	19.68 -0.80 0.00	17.63 -0.81 0.00	18.15 -0.81 0.00	18.20 -0.78 0.00	18.51 -0.81 0.00	18.31 -0.86 0.00	18.37 -0.85 0.00	19.39 -0.93 0.00	22.33 -1.03 0.00	28.41 -1.12 0.00	35.37 -1.24 0.00	39.87 -1.19 0.00	44.81 -1.10 0.00	37.17 -0.99 0.00	30.58 -0.78 0.00	25.04 -0.64 0.00
EAST_RIVER___1 323558	23.90 1.31 0.00	22.01 1.42 0.00	19.50 1.24 0.00	18.56 1.10 0.00	21.35 1.09 0.00	23.45 1.07 0.00	25.84 1.16 0.00	24.21 1.17 0.00	21.71 1.23 0.00	19.72 1.27 0.00	20.27 1.31 0.00	20.36 1.38 0.00	20.73 1.41 0.00	20.65 1.48 0.00	20.69 1.48 0.00	21.92 1.59 0.00	25.00 1.63 0.00	31.49 1.95 0.00	38.84 2.23 0.00	43.04 1.97 0.00	48.12 2.20 0.00	39.99 1.83 0.00	32.87 1.51 0.00	26.89 1.21 0.00
EAST_RIVER___2 323559	23.88 1.29 0.00	21.99 1.40 0.00	19.48 1.22 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.73 1.41 0.00	20.63 1.46 0.00	20.69 1.48 0.00	21.89 1.57 0.00	24.97 1.61 0.00	31.49 1.95 0.00	38.81 2.20 0.00	43.00 1.93 0.00	48.08 2.16 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.86 1.18 0.00
EAST___DELAWARE_HYD 23607	23.72 1.13 0.00	21.83 1.24 0.00	19.33 1.08 0.00	18.42 0.96 0.00	21.23 0.97 0.00	23.38 1.01 0.00	25.71 1.04 0.00	24.02 0.99 0.00	21.44 0.96 0.00	19.31 0.87 0.00	19.86 0.89 0.00	19.93 0.95 0.00	20.29 0.97 0.00	20.17 1.00 0.00	20.21 1.00 0.00	21.47 1.14 0.00	24.60 1.24 0.00	31.13 1.59 0.00	38.55 1.94 0.00	43.00 1.93 0.00	48.08 2.16 0.00	39.88 1.72 0.00	32.71 1.35 0.00	26.84 1.16 0.00
EIGHT_POINT___WT_PWR 323820	21.96 -0.63 0.00	20.06 -0.54 0.00	18.04 -0.22 0.00	17.29 -0.17 0.00	19.95 -0.30 0.00	21.88 -0.49 0.00	23.94 -0.74 0.00	22.11 -0.92 0.00	19.60 -0.88 0.00	17.54 -0.90 0.00	17.96 -1.01 0.00	17.92 -1.06 0.00	18.24 -1.08 0.00	18.01 -1.17 0.00	17.98 -1.23 0.00	19.01 -1.32 0.00	21.98 -1.38 0.00	28.09 -1.45 0.00	35.18 -1.43 0.00	40.16 -0.90 0.00	45.55 -0.37 0.00	37.44 -0.73 0.00	30.70 -0.66 0.00	25.27 -0.41 0.00
ELBRIDGE_115KV_TB2 80188	21.84 -0.75 0.00	19.93 -0.66 0.00	17.74 -0.51 0.00	16.97 -0.49 0.00	19.63 -0.63 0.00	21.61 -0.76 0.00	23.79 -0.89 0.00	22.13 -0.90 0.00	19.68 -0.80 0.00	17.67 -0.77 0.00	18.15 -0.82 0.00	18.18 -0.80 0.00	18.51 -0.81 0.00	18.33 -0.84 0.00	18.37 -0.85 0.00	19.41 -0.91 0.00	22.38 -0.98 0.00	28.41 -1.12 0.00	35.29 -1.32 0.00	39.67 -1.40 0.00	44.63 -1.29 0.00	36.90 -1.26 0.00	30.33 -1.04 0.00	24.91 -0.77 0.00
ELEC_TRO_TEK 24086	48.02 1.42 -24.00	41.44 1.61 -19.25	28.51 1.44 -8.82	27.37 1.33 -8.59	25.63 1.38 -4.00	27.98 1.36 -4.24	29.49 1.51 -3.31	28.48 1.50 -3.95	27.30 1.43 -5.38	26.15 1.42 -6.28	40.03 1.44 -19.62	40.03 1.50 -19.55	41.44 1.51 -20.61	46.61 1.53 -25.90	44.16 1.56 -23.39	47.93 1.63 -25.97	51.07 1.71 -26.00	101.39 2.10 -69.75	91.07 2.38 -52.08	59.85 2.26 -16.53	76.01 2.48 -27.61	72.35 2.06 -32.13	51.57 1.73 -18.48	47.39 1.46 -20.24
ELLENBURG_WT_PWR 323604	22.61 0.02 0.00	20.49 -0.10 0.00	18.11 -0.15 0.00	17.37 -0.09 0.00	20.25 0.00 0.00	22.44 0.07 0.00	24.92 0.25 0.00	23.35 0.32 0.00	20.75 0.27 0.00	18.63 0.18 0.00	19.19 0.23 0.00	19.11 0.13 0.00	19.48 0.15 0.00	19.31 0.14 0.00	19.31 0.10 0.00	20.43 0.10 0.00	23.53 0.16 0.00	29.75 0.21 0.00	37.05 0.44 0.00	41.72 0.66 0.00	46.42 0.51 0.00	38.54 0.38 0.00	31.65 0.28 0.00	25.76 0.08 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.23 -1.36 0.00	19.32 -1.28 0.00	17.47 -0.78 0.00	16.73 -0.73 0.00	19.32 -0.93 0.00	21.12 -1.25 0.00	23.07 -1.60 0.00	21.24 -1.80 0.00	19.03 -1.45 0.00	17.06 -1.38 0.00	17.47 -1.50 0.00	17.42 -1.56 0.00	17.74 -1.58 0.00	17.51 -1.67 0.00	17.47 -1.75 0.00	18.42 -1.91 0.00	21.31 -2.06 0.00	27.09 -2.45 0.00	33.72 -2.89 0.00	38.19 -2.87 0.00	43.30 -2.62 0.00	35.49 -2.67 0.00	29.23 -2.13 0.00	24.53 -1.16 0.00
EMPIRE_CC_1 323656	22.93 0.34 0.00	21.09 0.49 0.00	18.71 0.46 0.00	17.86 0.40 0.00	20.58 0.32 0.00	22.62 0.25 0.00	24.92 0.25 0.00	23.26 0.23 0.00	20.66 0.18 0.00	18.63 0.18 0.00	19.14 0.17 0.00	19.15 0.17 0.00	19.48 0.15 0.00	19.37 0.19 0.00	19.43 0.21 0.00	20.53 0.20 0.00	23.57 0.21 0.00	29.63 0.09 0.00	36.61 0.00 0.00	41.15 0.08 0.00	45.78 -0.14 0.00	38.16 0.00 0.00	31.43 0.06 0.00	25.84 0.16 0.00
EMPIRE_CC_2 323658	22.93 0.34 0.00	21.09 0.49 0.00	18.71 0.46 0.00	17.86 0.40 0.00	20.58 0.32 0.00	22.62 0.25 0.00	24.92 0.25 0.00	23.26 0.23 0.00	20.66 0.18 0.00	18.63 0.18 0.00	19.14 0.17 0.00	19.15 0.17 0.00	19.48 0.15 0.00	19.37 0.19 0.00	19.43 0.21 0.00	20.53 0.20 0.00	23.57 0.21 0.00	29.63 0.09 0.00	36.61 0.00 0.00	41.15 0.08 0.00	45.78 -0.14 0.00	38.16 0.00 0.00	31.43 0.06 0.00	25.84 0.16 0.00
ENORWICH_115KV_TB1 80156	23.67 1.08 0.00	21.60 1.01 0.00	19.26 1.00 0.00	18.39 0.93 0.00	21.27 1.01 0.00	23.45 1.07 0.00	25.61 0.94 0.00	23.79 0.76 0.00	21.01 0.53 0.00	18.78 0.33 0.00	19.27 0.30 0.00	19.24 0.27 0.00	19.52 0.19 0.00	19.20 0.02 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.64 0.28 0.00	30.25 0.71 0.00	38.00 1.39 0.00	43.00 1.93 0.00	48.63 2.71 0.00	40.18 2.02 0.00	33.00 1.63 0.00	27.02 1.34 0.00
ERIE_ST__34_KV_TB1-2 80199	21.42 -1.17 0.00	19.54 -1.05 0.00	17.65 -0.60 0.00	16.88 -0.58 0.00	19.50 -0.75 0.00	21.30 -1.07 0.00	23.27 -1.41 0.00	21.44 -1.59 0.00	19.23 -1.25 0.00	17.26 -1.18 0.00	17.66 -1.31 0.00	17.61 -1.37 0.00	17.93 -1.39 0.00	17.68 -1.50 0.00	17.64 -1.58 0.00	18.62 -1.71 0.00	21.56 -1.80 0.00	27.41 -2.13 0.00	34.16 -2.27 0.00	38.77 -2.55 0.00	43.94 -2.30 0.00	35.95 -2.21 0.00	29.58 -1.79 0.00	24.73 -0.95 0.00
ERIE_WT_PWR 323693	21.33 -1.26 0.00	19.44 -1.15 0.00	17.58 -0.68 0.00	16.87 -0.59 0.00	19.42 -0.83 0.00	21.23 -1.14 0.00	23.20 -1.48 0.00	21.37 -1.66 0.00	19.13 -1.35 0.00	17.15 -1.29 0.00	17.54 -1.42 0.00	17.50 -1.48 0.00	17.82 -1.51 0.00	17.58 -1.59 0.00	17.54 -1.67 0.00	18.50 -1.83 0.00	21.40 -1.96 0.00	27.26 -2.27 0.00	33.90 -2.71 0.00	38.52 -2.55 0.00	43.62 -2.29 0.00	35.72 -2.44 0.00	29.42 -1.94 0.00	24.65 -1.03 0.00
ESPRGFLD_115KV_TB1 80157	23.58 0.99 0.00	21.56 0.97 0.00	19.17 0.91 0.00	18.30 0.84 0.00	21.18 0.93 0.00	23.36 0.98 0.00	25.59 0.91 0.00	23.82 0.78 0.00	21.05 0.57 0.00	18.85 0.41 0.00	19.40 0.44 0.00	19.38 0.40 0.00	19.69 0.37 0.00	19.50 0.33 0.00	19.54 0.33 0.00	20.67 0.35 0.00	23.83 0.47 0.00	30.31 0.77 0.00	37.97 1.35 0.00	42.83 1.77 0.00	48.12 2.20 0.00	39.96 1.79 0.00	32.81 1.44 0.00	26.89 1.21 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.57 -0.02 0.00	20.61 0.02 0.00	18.36 0.11 0.00	17.55 0.09 0.00	20.27 0.02 0.00	22.33 -0.04 0.00	24.53 -0.15 0.00	22.83 -0.21 0.00	20.25 -0.23 0.00	18.15 -0.30 0.00	18.62 -0.34 0.00	18.62 -0.36 0.00	18.94 -0.39 0.00	18.74 -0.44 0.00	18.77 -0.44 0.00	19.86 -0.47 0.00	22.94 -0.42 0.00	29.21 -0.32 0.00	36.43 -0.18 0.00	41.07 0.00 0.00	46.24 0.32 0.00	38.20 0.04 0.00	31.40 0.03 0.00	25.73 0.05 0.00
ETNA____115KV_TB2 80207	22.57 -0.02 0.00	20.61 0.02 0.00	18.36 0.11 0.00	17.55 0.09 0.00	20.27 0.02 0.00	22.33 -0.04 0.00	24.53 -0.15 0.00	22.83 -0.21 0.00	20.25 -0.23 0.00	18.15 -0.30 0.00	18.62 -0.34 0.00	18.62 -0.36 0.00	18.94 -0.39 0.00	18.74 -0.44 0.00	18.77 -0.44 0.00	19.86 -0.47 0.00	22.94 -0.42 0.00	29.21 -0.32 0.00	36.43 -0.18 0.00	41.07 0.00 0.00	46.24 0.32 0.00	38.20 0.04 0.00	31.40 0.03 0.00	25.73 0.05 0.00
EUCLID___115KV_TB2 356179	21.98 -0.61 0.00	20.06 -0.54 0.00	17.85 -0.40 0.00	17.06 -0.40 0.00	19.75 -0.51 0.00	21.72 -0.65 0.00	23.91 -0.76 0.00	22.27 -0.76 0.00	19.80 -0.68 0.00	17.80 -0.65 0.00	18.28 -0.68 0.00	18.31 -0.66 0.00	18.65 -0.68 0.00	18.47 -0.71 0.00	18.50 -0.71 0.00	19.58 -0.75 0.00	22.54 -0.82 0.00	28.59 -0.95 0.00	35.48 -1.13 0.00	39.83 -1.23 0.00	44.77 -1.15 0.00	37.05 -1.11 0.00	30.49 -0.88 0.00	25.04 -0.64 0.00
E_CANADA_CAP_HY 24051	23.85 1.26 0.00	21.81 1.21 0.00	19.39 1.13 0.00	18.51 1.05 0.00	21.43 1.17 0.00	23.60 1.23 0.00	25.84 1.16 0.00	23.98 0.94 0.00	21.09 0.61 0.00	18.81 0.37 0.00	19.32 0.36 0.00	19.30 0.32 0.00	19.57 0.25 0.00	19.44 0.27 0.00	19.48 0.27 0.00	20.59 0.26 0.00	23.78 0.42 0.00	30.30 0.77 0.00	38.18 1.57 0.00	43.24 2.18 0.00	48.53 2.62 0.00	40.37 2.21 0.00	33.18 1.82 0.00	27.20 1.51 0.00
E_CANADA_MHWK_HY 24050	22.36 -0.23 0.00	20.41 -0.19 0.00	18.09 -0.16 0.00	17.30 -0.16 0.00	20.05 -0.20 0.00	22.15 -0.22 0.00	24.38 -0.30 0.00	22.76 -0.28 0.00	20.21 -0.27 0.00	18.20 -0.24 0.00	18.72 -0.25 0.00	18.73 -0.25 0.00	19.05 -0.27 0.00	18.89 -0.29 0.00	18.93 -0.29 0.00	20.02 -0.30 0.00	23.04 -0.33 0.00	29.12 -0.41 0.00	36.13 -0.48 0.00	40.53 -0.54 0.00	45.32 -0.60 0.00	37.78 -0.38 0.00	31.05 -0.31 0.00	25.48 -0.21 0.00
E_FISHKILL___LBMP 23776	23.49 0.90 0.00	21.64 1.05 0.00	19.19 0.93 0.00	18.28 0.82 0.00	21.04 0.79 0.00	23.13 0.76 0.00	25.49 0.81 0.00	23.86 0.83 0.00	21.32 0.84 0.00	19.29 0.85 0.00	19.86 0.89 0.00	19.91 0.93 0.00	20.29 0.97 0.00	20.19 1.02 0.00	20.23 1.02 0.00	21.45 1.12 0.00	24.53 1.17 0.00	30.93 1.39 0.00	38.15 1.54 0.00	42.46 1.40 0.00	47.48 1.56 0.00	39.42 1.26 0.00	32.40 1.04 0.00	26.53 0.85 0.00
FALCON___SEABRD_CC1 323796	22.86 0.27 0.00	20.72 0.12 0.00	18.33 0.07 0.00	17.58 0.12 0.00	20.50 0.24 0.00	22.69 0.31 0.00	25.20 0.52 0.00	23.63 0.60 0.00	20.99 0.51 0.00	18.85 0.41 0.00	19.40 0.44 0.00	19.32 0.34 0.00	19.69 0.37 0.00	19.52 0.35 0.00	19.52 0.31 0.00	20.63 0.31 0.00	23.76 0.40 0.00	30.07 0.53 0.00	37.45 0.84 0.00	42.26 1.19 0.00	47.02 1.10 0.00	39.00 0.84 0.00	32.02 0.66 0.00	26.09 0.41 0.00
FALCON___SEABRD_CC2 323797	22.86 0.27 0.00	20.72 0.12 0.00	18.33 0.07 0.00	17.58 0.12 0.00	20.50 0.24 0.00	22.69 0.31 0.00	25.20 0.52 0.00	23.63 0.60 0.00	20.99 0.51 0.00	18.85 0.41 0.00	19.40 0.44 0.00	19.32 0.34 0.00	19.69 0.37 0.00	19.52 0.35 0.00	19.52 0.31 0.00	20.63 0.31 0.00	23.76 0.40 0.00	30.07 0.53 0.00	37.45 0.84 0.00	42.26 1.19 0.00	47.02 1.10 0.00	39.00 0.84 0.00	32.02 0.66 0.00	26.09 0.41 0.00

FAR ROCKAWAY___4 23548	72.30 1.69 -48.02	60.68 1.85 -38.23	37.13 1.68 -17.20	35.69 1.54 -16.70	30.76 1.62 -8.89	32.16 1.63 -8.15	32.81 1.78 -6.36	32.37 1.75 -7.59	32.50 1.68 -10.34	32.10 1.62 -12.03	59.62 1.67 -38.99	59.52 1.71 -38.84	62.00 1.72 -40.95	72.52 1.75 -51.60	67.43 1.75 -46.47	74.00 1.83 -51.85	75.70 1.96 -50.38	164.52 2.45 -132.54	145.91 2.86 -106.44	76.73 2.79 -32.87	105.89 3.12 -56.85	106.46 2.59 -65.71	70.25 2.10 -36.79	67.92 1.77 -40.47
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.81 1.22 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.73 1.41 0.00	20.63 1.46 0.00	20.69 1.48 0.00	21.89 1.57 0.00	24.97 1.61 0.00	31.44 1.95 0.05	38.77 2.20 0.04	43.08 2.01 0.00	48.05 2.16 0.03	39.97 1.83 0.02	32.87 1.51 0.00	26.89 1.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.81 1.22 0.00	22.01 1.42 0.00	19.50 1.24 0.00	18.58 1.12 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.73 1.41 0.00	20.63 1.46 0.00	20.69 1.48 0.00	21.89 1.57 0.00	24.97 1.61 0.00	31.52 1.98 0.00	38.81 2.20 0.00	43.08 2.01 0.00	48.12 2.20 0.00	39.99 1.83 0.00	32.87 1.51 0.00	26.92 1.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.81 1.22 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.72 1.39 0.00	20.63 1.46 0.00	20.69 1.48 0.00	21.89 1.57 0.00	24.97 1.61 0.00	31.49 1.95 0.00	38.81 2.20 0.00	43.04 1.97 0.00	48.08 2.16 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
FARRAGUT___LBMP 323566	23.79 1.20 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.56 1.10 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.25 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.61 1.44 0.00	20.67 1.46 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
FENNER___WINDPWR 24204	22.68 0.09 0.00	20.67 0.08 0.00	18.38 0.13 0.00	17.57 0.11 0.00	20.35 0.10 0.00	22.44 0.07 0.00	24.68 0.00 0.00	22.99 -0.05 0.00	20.40 -0.08 0.00	18.30 -0.15 0.00	18.81 -0.15 0.00	18.83 -0.15 0.00	19.15 -0.17 0.00	18.95 -0.23 0.00	19.00 -0.21 0.00	20.11 -0.22 0.00	23.17 -0.19 0.00	29.45 -0.09 0.00	36.65 0.04 0.00	41.27 0.21 0.00	46.33 0.41 0.00	38.43 0.27 0.00	31.55 0.19 0.00	25.86 0.18 0.00
FIBERTEK___ENERGY 23856	22.03 -0.56 0.00	20.10 -0.49 0.00	17.89 -0.37 0.00	17.09 -0.37 0.00	19.79 -0.47 0.00	21.77 -0.60 0.00	23.96 -0.72 0.00	22.32 -0.71 0.00	19.82 -0.66 0.00	17.82 -0.63 0.00	18.30 -0.66 0.00	18.33 -0.65 0.00	18.67 -0.66 0.00	18.49 -0.69 0.00	18.52 -0.69 0.00	19.58 -0.75 0.00	22.57 -0.79 0.00	28.65 -0.89 0.00	35.59 -1.03 0.00	40.00 -1.07 0.00	45.00 -0.92 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.09 -0.59 0.00
FITZPATRICK___ 23598	21.57 -1.02 0.00	19.69 -0.91 0.00	17.52 -0.73 0.00	16.76 -0.70 0.00	19.38 -0.87 0.00	21.34 -1.03 0.00	23.52 -1.16 0.00	21.90 -1.13 0.00	19.48 -1.00 0.00	17.51 -0.94 0.00	18.00 -0.97 0.00	18.01 -0.97 0.00	18.34 -0.98 0.00	18.18 -1.00 0.00	18.21 -1.00 0.00	19.25 -1.08 0.00	22.17 -1.19 0.00	28.09 -1.45 0.00	34.85 -1.76 0.00	39.18 -1.89 0.00	43.94 -1.97 0.00	36.41 -1.75 0.00	29.95 -1.41 0.00	24.58 -1.10 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.70 1.11 0.00	21.85 1.26 0.00	19.35 1.10 0.00	18.44 0.98 0.00	21.23 0.97 0.00	23.36 0.98 0.00	25.71 1.04 0.00	24.05 1.01 0.00	21.46 0.98 0.00	19.35 0.90 0.00	19.91 0.95 0.00	19.98 1.01 0.00	20.37 1.04 0.00	20.27 1.09 0.00	20.31 1.10 0.00	21.57 1.24 0.00	24.69 1.33 0.00	31.22 1.68 0.00	38.55 1.94 0.00	42.95 1.89 0.00	47.98 2.07 0.00	39.80 1.64 0.00	32.68 1.32 0.00	26.84 1.16 0.00
FORT ORANGE___ 23900	22.91 0.32 0.00	21.03 0.43 0.00	18.66 0.40 0.00	17.79 0.33 0.00	20.54 0.28 0.00	22.60 0.22 0.00	24.90 0.22 0.00	23.22 0.18 0.00	20.58 0.10 0.00	18.54 0.09 0.00	19.04 0.08 0.00	19.06 0.08 0.00	19.40 0.08 0.00	19.27 0.10 0.00	19.35 0.14 0.00	20.47 0.14 0.00	23.53 0.16 0.00	29.72 0.18 0.00	36.72 0.11 0.00	41.19 0.12 0.00	45.96 0.05 0.00	38.28 0.11 0.00	31.49 0.13 0.00	25.89 0.20 0.00
FORT_DRUM_COGEN 23780	22.41 -0.18 0.00	20.24 -0.35 0.00	17.96 -0.29 0.00	17.20 -0.26 0.00	20.07 -0.18 0.00	22.15 -0.22 0.00	24.33 -0.35 0.00	22.66 -0.37 0.00	19.99 -0.49 0.00	17.82 -0.63 0.00	18.32 -0.64 0.00	18.33 -0.65 0.00	18.65 -0.68 0.00	18.37 -0.81 0.00	18.45 -0.77 0.00	19.48 -0.85 0.00	22.50 -0.86 0.00	28.74 -0.80 0.00	36.13 -0.48 0.00	41.02 -0.04 0.00	46.15 0.23 0.00	38.31 0.15 0.00	31.49 0.13 0.00	25.68 0.00 0.00
FOX_HILLS___ESR 323835	24.06 1.47 0.00	22.20 1.61 0.00	19.64 1.39 0.00	18.72 1.26 0.00	21.51 1.26 0.00	23.51 1.14 0.00	25.89 1.21 0.00	24.32 1.29 0.00	21.83 1.35 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.42 1.44 0.00	20.81 1.49 0.00	20.71 1.53 0.00	20.75 1.54 0.00	22.02 1.69 0.00	25.18 1.82 0.00	31.78 2.24 0.00	39.21 2.60 0.00	43.49 2.42 0.00	48.35 2.43 0.00	40.30 2.14 0.00	33.21 1.85 0.00	27.15 1.46 0.00
FPL_FAR_ROCK_GT1 24212	72.35 1.74 -48.02	60.68 1.85 -38.23	37.13 1.68 -17.20	35.67 1.52 -16.70	30.76 1.62 -8.89	32.16 1.63 -8.15	32.81 1.78 -6.36	32.35 1.73 -7.59	32.50 1.68 -10.34	32.10 1.62 -12.03	59.62 1.67 -38.99	59.52 1.71 -38.84	61.99 1.72 -40.95	72.52 1.74 -51.60	67.43 1.75 -46.47	74.01 1.83 -51.85	75.70 1.96 -50.38	164.50 2.42 -132.54	145.91 2.86 -106.44	76.73 2.79 -32.87	105.89 3.12 -56.85	106.46 2.60 -65.71	70.26 2.10 -36.79	67.90 1.75 -40.47
FPL_FAR_ROCK_GT2 23815	72.35 1.74 -48.02	60.68 1.85 -38.23	37.13 1.68 -17.20	35.67 1.52 -16.70	30.76 1.62 -8.89	32.16 1.63 -8.15	32.81 1.78 -6.36	32.35 1.73 -7.59	32.50 1.68 -10.34	32.10 1.62 -12.03	59.62 1.67 -38.99	59.52 1.71 -38.84	61.99 1.72 -40.95	72.52 1.74 -51.60	67.43 1.75 -46.47	74.01 1.83 -51.85	75.70 1.96 -50.38	164.50 2.42 -132.54	145.91 2.86 -106.44	76.73 2.79 -32.87	105.89 3.12 -56.85	106.46 2.60 -65.71	70.26 2.10 -36.79	67.90 1.75 -40.47
FRANKLIN_FALL_HYD 24054	22.73 0.14 0.00	20.57 -0.02 0.00	18.20 -0.05 0.00	17.46 0.00 0.00	20.35 0.10 0.00	22.53 0.16 0.00	25.07 0.39 0.00	23.54 0.51 0.00	20.89 0.41 0.00	18.72 0.28 0.00	19.29 0.32 0.00	19.17 0.19 0.00	19.54 0.21 0.00	19.37 0.19 0.00	19.35 0.13 0.00	20.47 0.14 0.00	23.57 0.21 0.00	29.86 0.32 0.00	37.27 0.66 0.00	42.13 1.07 0.00	46.84 0.92 0.00	38.89 0.73 0.00	31.90 0.53 0.00	25.96 0.28 0.00

FREEPORT_EQUS_GT1 23764	43.26 1.67 -19.00	37.60 1.77 -15.24	27.01 1.59 -7.17	25.91 1.43 -7.02	25.43 1.52 -3.66	27.42 1.52 -3.52	29.08 1.65 -2.75	27.92 1.61 -3.28	26.53 1.58 -4.47	25.19 1.53 -5.22	36.07 1.57 -15.54	36.09 1.63 -15.48	37.28 1.64 -16.32	41.37 1.69 -20.50	39.42 1.69 -18.52	42.68 1.79 -20.56	45.80 1.89 -20.55	86.91 2.36 -55.01	80.59 2.75 -41.23	56.74 2.59 -13.09	70.67 2.89 -21.86	66.00 2.41 -25.43	47.97 1.98 -14.63	43.38 1.67 -16.03
FREEPORT___CT2 23818	43.26 1.67 -19.00	37.60 1.77 -15.24	27.01 1.59 -7.17	25.91 1.43 -7.02	25.43 1.52 -3.66	27.42 1.52 -3.52	29.08 1.65 -2.75	27.92 1.61 -3.28	26.53 1.58 -4.47	25.19 1.53 -5.22	36.07 1.57 -15.54	36.09 1.63 -15.48	37.28 1.64 -16.32	41.37 1.69 -20.50	39.42 1.69 -18.52	42.68 1.79 -20.56	45.80 1.89 -20.55	86.91 2.36 -55.01	80.59 2.75 -41.23	56.74 2.59 -13.09	70.67 2.89 -21.86	66.00 2.41 -25.43	47.97 1.98 -14.63	43.38 1.67 -16.03
FRESHKLS_33_KV_LOAD 356253	24.13 1.54 0.00	22.24 1.65 0.00	19.68 1.42 0.00	18.75 1.29 0.00	21.57 1.32 0.00	23.58 1.21 0.00	25.96 1.28 0.00	24.37 1.34 0.00	21.85 1.37 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.42 1.44 0.00	20.81 1.49 0.00	20.71 1.53 0.00	20.75 1.54 0.00	22.04 1.71 0.00	25.23 1.87 0.00	31.84 2.30 0.00	39.32 2.71 0.00	43.61 2.55 0.00	48.49 2.57 0.00	40.41 2.25 0.00	33.31 1.94 0.00	27.22 1.54 0.00
FULTON COGEN____ 23766	21.71 -0.88 0.00	19.81 -0.78 0.00	17.63 -0.62 0.00	16.85 -0.61 0.00	19.50 -0.75 0.00	21.48 -0.89 0.00	23.62 -1.06 0.00	22.00 -1.04 0.00	19.56 -0.92 0.00	17.56 -0.89 0.00	18.05 -0.91 0.00	18.07 -0.91 0.00	18.40 -0.93 0.00	18.24 -0.94 0.00	18.27 -0.94 0.00	19.31 -1.02 0.00	22.26 -1.10 0.00	28.24 -1.30 0.00	35.07 -1.54 0.00	39.42 -1.64 0.00	44.31 -1.61 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.73 -0.95 0.00
FULTON___LFGE 323630	23.81 1.22 0.00	21.79 1.19 0.00	19.35 1.10 0.00	18.47 1.01 0.00	21.41 1.15 0.00	23.58 1.21 0.00	25.84 1.16 0.00	24.02 0.99 0.00	21.12 0.64 0.00	18.83 0.39 0.00	19.34 0.38 0.00	19.34 0.36 0.00	19.63 0.31 0.00	19.52 0.35 0.00	19.56 0.35 0.00	20.67 0.35 0.00	23.85 0.49 0.00	30.39 0.86 0.00	38.18 1.57 0.00	43.20 2.13 0.00	48.44 2.52 0.00	40.30 2.14 0.00	33.06 1.69 0.00	27.12 1.44 0.00
G.F.CEMENT___DRP 24184	23.54 0.95 0.00	21.54 0.95 0.00	19.11 0.86 0.00	18.26 0.80 0.00	21.12 0.87 0.00	23.27 0.89 0.00	25.49 0.81 0.00	23.75 0.71 0.00	20.91 0.43 0.00	18.72 0.28 0.00	19.25 0.28 0.00	19.26 0.28 0.00	19.59 0.27 0.00	19.48 0.31 0.00	19.56 0.35 0.00	20.67 0.35 0.00	23.88 0.51 0.00	30.28 0.74 0.00	37.71 1.10 0.00	42.46 1.40 0.00	47.39 1.47 0.00	39.50 1.34 0.00	32.34 0.97 0.00	26.56 0.87 0.00
GARDENVILLE___LBMP 24039	21.30 -1.29 0.00	19.40 -1.19 0.00	17.52 -0.73 0.00	16.78 -0.68 0.00	19.38 -0.87 0.00	21.19 -1.19 0.00	23.15 -1.53 0.00	21.31 -1.73 0.00	19.07 -1.41 0.00	17.10 -1.35 0.00	17.49 -1.48 0.00	17.44 -1.54 0.00	17.76 -1.57 0.00	17.53 -1.65 0.00	17.49 -1.73 0.00	18.46 -1.87 0.00	21.35 -2.01 0.00	27.14 -2.39 0.00	33.83 -2.78 0.00	38.40 -2.67 0.00	43.53 -2.39 0.00	35.68 -2.48 0.00	29.39 -1.98 0.00	24.60 -1.08 0.00
GARDNVLA_35_KV_LD 355827	21.35 -1.24 0.00	19.46 -1.13 0.00	17.58 -0.68 0.00	16.83 -0.63 0.00	19.44 -0.81 0.00	21.23 -1.14 0.00	23.22 -1.46 0.00	21.35 -1.68 0.00	19.15 -1.33 0.00	17.17 -1.27 0.00	17.56 -1.40 0.00	17.52 -1.46 0.00	17.84 -1.49 0.00	17.60 -1.57 0.00	17.56 -1.65 0.00	18.52 -1.81 0.00	21.45 -1.92 0.00	27.26 -2.27 0.00	33.94 -2.67 0.00	38.52 -2.55 0.00	43.67 -2.25 0.00	35.76 -2.40 0.00	29.45 -1.91 0.00	24.68 -1.00 0.00
GELCKHM___115KV_LOAD 80723	21.98 -0.61 0.00	20.06 -0.54 0.00	17.85 -0.40 0.00	17.08 -0.38 0.00	19.75 -0.51 0.00	21.75 -0.63 0.00	23.91 -0.76 0.00	22.30 -0.74 0.00	19.80 -0.68 0.00	17.80 -0.65 0.00	18.28 -0.68 0.00	18.31 -0.66 0.00	18.65 -0.68 0.00	18.49 -0.69 0.00	18.50 -0.71 0.00	19.58 -0.75 0.00	22.54 -0.82 0.00	28.62 -0.92 0.00	35.51 -1.10 0.00	39.92 -1.15 0.00	44.86 -1.06 0.00	37.13 -1.03 0.00	30.52 -0.85 0.00	25.07 -0.62 0.00
GENERAL___MILLS 23808	21.32 -1.27 0.00	19.44 -1.15 0.00	17.56 -0.69 0.00	16.81 -0.65 0.00	19.42 -0.83 0.00	21.21 -1.16 0.00	23.20 -1.48 0.00	21.33 -1.70 0.00	19.13 -1.35 0.00	17.15 -1.29 0.00	17.54 -1.42 0.00	17.50 -1.48 0.00	17.82 -1.51 0.00	17.58 -1.59 0.00	17.54 -1.67 0.00	18.50 -1.83 0.00	21.40 -1.96 0.00	27.20 -2.33 0.00	33.90 -2.71 0.00	38.44 -2.63 0.00	43.58 -2.34 0.00	35.72 -2.44 0.00	29.42 -1.94 0.00	24.66 -1.03 0.00
GE_PLASTICS___DRP 24183	22.88 0.29 0.00	20.98 0.39 0.00	18.62 0.37 0.00	17.77 0.31 0.00	20.52 0.26 0.00	22.57 0.20 0.00	24.87 0.20 0.00	23.22 0.18 0.00	20.62 0.14 0.00	18.57 0.13 0.00	19.10 0.13 0.00	19.11 0.13 0.00	19.46 0.14 0.00	19.35 0.17 0.00	19.41 0.19 0.00	20.51 0.18 0.00	23.57 0.21 0.00	29.74 0.21 0.00	36.76 0.15 0.00	41.19 0.12 0.00	45.96 0.05 0.00	38.28 0.11 0.00	31.49 0.13 0.00	25.86 0.18 0.00
GILBOA___1 23756	22.97 0.38 0.00	21.07 0.47 0.00	18.69 0.44 0.00	17.84 0.38 0.00	20.58 0.32 0.00	22.66 0.29 0.00	24.97 0.30 0.00	23.31 0.28 0.00	20.75 0.27 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.26 0.29 0.00	19.61 0.29 0.00	19.48 0.31 0.00	19.54 0.33 0.00	20.67 0.35 0.00	23.71 0.35 0.00	29.95 0.41 0.00	37.05 0.44 0.00	41.39 0.33 0.00	46.28 0.37 0.00	38.54 0.38 0.00	31.68 0.31 0.00	25.99 0.31 0.00
GILBOA___2 23757	22.97 0.38 0.00	21.07 0.47 0.00	18.69 0.44 0.00	17.84 0.38 0.00	20.58 0.32 0.00	22.66 0.29 0.00	24.97 0.30 0.00	23.31 0.28 0.00	20.75 0.27 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.26 0.29 0.00	19.61 0.29 0.00	19.48 0.31 0.00	19.54 0.33 0.00	20.67 0.35 0.00	23.71 0.35 0.00	29.95 0.41 0.00	37.05 0.44 0.00	41.39 0.33 0.00	46.28 0.37 0.00	38.54 0.38 0.00	31.68 0.31 0.00	25.99 0.31 0.00
GILBOA___3 23758	22.97 0.38 0.00	21.07 0.47 0.00	18.69 0.44 0.00	17.84 0.38 0.00	20.58 0.32 0.00	22.66 0.29 0.00	24.97 0.30 0.00	23.31 0.28 0.00	20.75 0.27 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.26 0.29 0.00	19.61 0.29 0.00	19.48 0.31 0.00	19.54 0.33 0.00	20.67 0.35 0.00	23.71 0.35 0.00	29.95 0.41 0.00	37.05 0.44 0.00	41.39 0.33 0.00	46.28 0.37 0.00	38.54 0.38 0.00	31.68 0.31 0.00	25.99 0.31 0.00
GILBOA___4 23759	22.97 0.38 0.00	21.07 0.47 0.00	18.69 0.44 0.00	17.84 0.38 0.00	20.58 0.32 0.00	22.66 0.29 0.00	24.97 0.30 0.00	23.31 0.28 0.00	20.75 0.27 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.26 0.29 0.00	19.61 0.29 0.00	19.48 0.31 0.00	19.54 0.33 0.00	20.67 0.35 0.00	23.71 0.35 0.00	29.95 0.41 0.00	37.05 0.44 0.00	41.39 0.33 0.00	46.28 0.37 0.00	38.54 0.38 0.00	31.68 0.31 0.00	25.99 0.31 0.00

GILBOA____ 23599	22.95 0.36 0.00	21.07 0.47 0.00	18.69 0.44 0.00	17.84 0.38 0.00	20.58 0.32 0.00	22.66 0.29 0.00	24.97 0.30 0.00	23.31 0.28 0.00	20.75 0.27 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.26 0.28 0.00	19.61 0.29 0.00	19.48 0.31 0.00	19.54 0.33 0.00	20.67 0.35 0.00	23.71 0.35 0.00	29.95 0.41 0.00	37.05 0.44 0.00	41.39 0.33 0.00	46.28 0.37 0.00	38.54 0.38 0.00	31.68 0.31 0.00	25.99 0.31 0.00
GINNA____ 23603	20.62 -1.97 0.00	18.74 -1.85 0.00	16.83 -1.42 0.00	16.17 -1.29 0.00	18.65 -1.60 0.00	20.43 -1.95 0.00	22.53 -2.15 0.00	20.91 -2.12 0.00	18.51 -1.97 0.00	16.60 -1.84 0.00	17.07 -1.90 0.00	17.08 -1.90 0.00	17.43 -1.89 0.00	17.20 -1.97 0.00	17.22 -2.00 0.00	18.21 -2.11 0.00	21.10 -2.27 0.00	26.82 -2.72 0.00	33.32 -3.29 0.00	37.62 -3.45 0.00	42.47 -3.44 0.00	34.99 -3.17 0.00	28.76 -2.60 0.00	23.76 -1.93 0.00
GLEN PARK____ 23778	22.46 -0.13 0.00	20.28 -0.31 0.00	18.02 -0.24 0.00	17.23 -0.23 0.00	20.11 -0.14 0.00	22.19 -0.18 0.00	24.36 -0.32 0.00	22.69 -0.34 0.00	19.97 -0.51 0.00	17.78 -0.66 0.00	18.28 -0.68 0.00	18.30 -0.68 0.00	18.61 -0.71 0.00	18.33 -0.84 0.00	18.41 -0.81 0.00	19.43 -0.89 0.00	22.45 -0.91 0.00	28.74 -0.80 0.00	36.13 -0.48 0.00	41.11 0.04 0.00	46.24 0.32 0.00	38.39 0.23 0.00	31.55 0.19 0.00	25.73 0.05 0.00
GLENDALE_27_KV_LOAD 356172	23.99 1.40 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.70 1.24 0.00	21.49 1.24 0.00	23.49 1.12 0.00	25.89 1.21 0.00	24.32 1.29 0.00	21.85 1.37 0.00	19.83 1.38 0.00	20.41 1.44 0.00	20.48 1.50 0.00	20.87 1.55 0.00	20.77 1.59 0.00	20.83 1.61 0.00	22.04 1.71 0.00	25.16 1.80 0.00	31.69 2.16 0.00	39.06 2.45 0.00	43.32 2.26 0.00	48.30 2.39 0.00	40.15 1.98 0.00	33.12 1.76 0.00	27.04 1.36 0.00
GLENWOOD_IC_1_G5 23712	39.86 1.40 -15.87	34.88 1.56 -12.72	25.59 1.39 -5.95	24.54 1.26 -5.82	24.00 1.30 -2.45	26.58 1.30 -2.91	28.35 1.41 -2.27	27.15 1.40 -2.71	25.57 1.39 -3.70	24.15 1.38 -4.32	33.36 1.42 -12.97	33.38 1.48 -12.92	34.46 1.51 -13.63	37.85 1.55 -17.12	36.23 1.56 -15.46	39.16 1.67 -17.17	42.82 1.75 -17.70	80.62 2.04 -49.04	73.34 2.31 -34.42	54.16 2.18 -10.92	66.55 2.39 -18.24	61.37 1.98 -21.22	45.31 1.73 -12.22	40.50 1.44 -13.38
GLENWOOD_IC_2_G1 23688	24.35 1.33 -0.43	22.38 1.44 -0.35	19.69 1.28 -0.16	18.75 1.13 -0.16	22.54 1.15 -1.14	23.59 1.14 -0.08	25.97 1.23 -0.06	24.35 1.24 -0.07	21.83 1.25 -0.10	19.82 1.25 -0.12	20.63 1.31 -0.35	20.70 1.37 -0.35	21.07 1.37 -0.37	21.06 1.42 -0.47	21.08 1.44 -0.42	22.32 1.53 -0.47	25.48 1.61 -0.51	32.93 1.92 -1.47	39.74 2.20 -0.94	43.37 2.01 -0.30	48.66 2.25 -0.50	40.61 1.87 -0.58	33.23 1.54 -0.33	27.30 1.26 -0.36
GLENWOOD_IC_3_G1 23689	24.35 1.33 -0.43	22.38 1.44 -0.35	19.69 1.28 -0.16	18.75 1.13 -0.16	22.54 1.15 -1.14	23.59 1.14 -0.08	25.97 1.23 -0.06	24.35 1.24 -0.07	21.83 1.25 -0.10	19.82 1.25 -0.12	20.63 1.31 -0.35	20.70 1.37 -0.35	21.07 1.37 -0.37	21.06 1.42 -0.47	21.08 1.44 -0.42	22.32 1.53 -0.47	25.48 1.61 -0.51	32.93 1.92 -1.47	39.74 2.20 -0.94	43.37 2.01 -0.30	48.66 2.25 -0.50	40.61 1.87 -0.58	33.23 1.54 -0.33	27.30 1.26 -0.36
GLENWOOD____4 23550	39.86 1.40 -15.87	34.88 1.56 -12.72	25.59 1.39 -5.95	24.54 1.26 -5.82	24.00 1.30 -2.45	26.58 1.30 -2.91	28.35 1.41 -2.27	27.15 1.40 -2.71	25.57 1.39 -3.70	24.15 1.38 -4.32	33.36 1.42 -12.97	33.38 1.48 -12.92	34.46 1.51 -13.63	37.85 1.55 -17.12	36.23 1.56 -15.46	39.16 1.67 -17.17	42.82 1.75 -17.70	80.65 2.07 -49.04	73.38 2.34 -34.42	54.20 2.22 -10.92	66.59 2.43 -18.24	61.41 2.02 -21.22	45.31 1.73 -12.22	40.50 1.44 -13.38
GLENWOOD____5 23614	39.86 1.40 -15.87	34.88 1.56 -12.72	25.59 1.39 -5.95	24.54 1.26 -5.82	24.00 1.30 -2.45	26.58 1.30 -2.91	28.35 1.41 -2.27	27.15 1.40 -2.71	25.57 1.39 -3.70	24.15 1.38 -4.32	33.36 1.42 -12.97	33.38 1.48 -12.92	34.46 1.51 -13.63	37.85 1.55 -17.12	36.23 1.56 -15.46	39.16 1.67 -17.17	42.82 1.75 -17.70	80.65 2.07 -49.04	73.38 2.34 -34.42	54.20 2.22 -10.92	66.59 2.43 -18.24	61.41 2.02 -21.22	45.31 1.73 -12.22	40.50 1.44 -13.38
GLOBAL GREEN_PORT_GT1 23814	27.61 2.39 -2.63	25.25 2.37 -2.29	21.43 2.12 -1.05	20.48 1.99 -1.03	22.84 2.09 -0.50	25.01 2.13 -0.51	27.34 2.27 -0.40	25.65 2.14 -0.47	23.30 2.17 -0.65	21.32 2.10 -0.77	23.48 2.18 -2.34	23.55 2.24 -2.33	24.12 2.34 -2.45	24.57 2.42 -2.98	24.42 2.42 -2.78	25.94 2.68 -2.92	29.79 2.92 -3.50	43.17 3.90 -9.73	45.22 4.46 -4.15	47.33 4.31 -1.96	52.52 4.69 -1.92	44.59 3.89 -2.53	36.75 3.23 -2.15	30.46 2.54 -2.24
GLOBE____DSASP 323697	20.76 -1.83 0.00	18.84 -1.75 0.00	17.03 -1.22 0.00	16.33 -1.13 0.00	18.90 -1.36 0.00	20.65 -1.72 0.00	22.51 -2.17 0.00	20.66 -2.37 0.00	18.51 -1.97 0.00	16.60 -1.84 0.00	16.99 -1.97 0.00	16.97 -2.01 0.00	17.28 -2.05 0.00	17.05 -2.13 0.00	17.02 -2.19 0.00	17.93 -2.40 0.00	20.72 -2.64 0.00	26.29 -3.25 0.00	32.69 -3.92 0.00	37.00 -4.07 0.00	41.92 -3.99 0.00	34.42 -3.74 0.00	28.42 -2.95 0.00	23.91 -1.77 0.00
GOETHSLN____LBMP 323567	23.67 1.08 0.00	21.89 1.30 0.00	19.39 1.13 0.00	18.49 1.03 0.00	21.23 0.97 0.00	23.31 0.94 0.00	25.69 1.01 0.00	24.12 1.08 0.00	21.61 1.13 0.00	19.63 1.18 0.00	20.20 1.23 0.00	20.27 1.29 0.00	20.66 1.33 0.00	20.56 1.38 0.00	20.62 1.40 0.00	21.81 1.48 0.00	24.86 1.50 0.00	31.34 1.80 0.00	38.59 1.98 0.00	42.79 1.72 0.00	47.75 1.84 0.01	39.76 1.60 0.00	32.68 1.32 0.00	26.76 1.08 0.00
GOLAH____69_KV_TB 1_2 80279	21.51 -1.08 0.00	19.54 -1.05 0.00	17.60 -0.66 0.00	16.87 -0.59 0.00	19.52 -0.73 0.00	21.39 -0.98 0.00	23.54 -1.14 0.00	21.77 -1.27 0.00	19.29 -1.19 0.00	17.28 -1.16 0.00	17.71 -1.25 0.00	17.69 -1.29 0.00	18.03 -1.29 0.00	17.81 -1.36 0.00	17.81 -1.40 0.00	18.80 -1.52 0.00	21.75 -1.61 0.00	27.65 -1.89 0.00	34.49 -2.12 0.00	39.05 -2.01 0.00	44.22 -1.70 0.00	36.41 -1.76 0.00	29.92 -1.44 0.00	24.89 -0.80 0.00
GOODYEAR_LAKE_HYD 323669	23.25 0.66 0.00	21.27 0.68 0.00	18.91 0.66 0.00	18.05 0.59 0.00	20.86 0.61 0.00	23.00 0.63 0.00	25.27 0.59 0.00	23.54 0.51 0.00	20.91 0.43 0.00	18.81 0.37 0.00	19.34 0.38 0.00	19.36 0.38 0.00	19.67 0.35 0.00	19.48 0.31 0.00	19.54 0.33 0.00	20.67 0.35 0.00	23.78 0.42 0.00	30.16 0.62 0.00	37.53 0.92 0.00	42.17 1.11 0.00	47.34 1.42 0.00	39.27 1.11 0.00	32.27 0.91 0.00	26.45 0.77 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.41 -0.18 0.00	20.49 -0.10 0.00	18.27 0.02 0.00	17.46 0.00 0.00	20.17 -0.08 0.00	22.17 -0.20 0.00	24.36 -0.32 0.00	22.64 -0.39 0.00	20.15 -0.33 0.00	18.15 -0.30 0.00	18.62 -0.34 0.00	18.64 -0.34 0.00	18.98 -0.35 0.00	18.79 -0.38 0.00	18.79 -0.42 0.00	19.88 -0.45 0.00	22.90 -0.47 0.00	29.04 -0.50 0.00	36.10 -0.51 0.00	40.61 -0.45 0.00	45.73 -0.18 0.00	37.82 -0.34 0.00	31.05 -0.31 0.00	25.53 -0.15 0.00

GOUDEY___7 23579	22.41 -0.18 0.00	20.49 -0.10 0.00	18.27 0.02 0.00	17.46 0.00 0.00	20.17 -0.08 0.00	22.17 -0.20 0.00	24.36 -0.32 0.00	22.64 -0.39 0.00	20.15 -0.33 0.00	18.15 -0.30 0.00	18.62 -0.34 0.00	18.64 -0.34 0.00	18.98 -0.35 0.00	18.79 -0.38 0.00	18.79 -0.42 0.00	19.88 -0.45 0.00	22.90 -0.47 0.00	29.04 -0.50 0.00	36.10 -0.51 0.00	40.61 -0.45 0.00	45.73 -0.18 0.00	37.82 -0.34 0.00	31.05 -0.31 0.00	25.53 -0.15 0.00
GOUDEY___8 23580	22.41 -0.18 0.00	20.49 -0.10 0.00	18.27 0.02 0.00	17.46 0.00 0.00	20.17 -0.08 0.00	22.17 -0.20 0.00	24.36 -0.32 0.00	22.64 -0.39 0.00	20.15 -0.33 0.00	18.15 -0.30 0.00	18.62 -0.34 0.00	18.64 -0.34 0.00	18.98 -0.35 0.00	18.79 -0.38 0.00	18.79 -0.42 0.00	19.88 -0.45 0.00	22.90 -0.47 0.00	29.04 -0.50 0.00	36.10 -0.51 0.00	40.61 -0.45 0.00	45.73 -0.18 0.00	37.82 -0.34 0.00	31.05 -0.31 0.00	25.53 -0.15 0.00
GOWANUS_GT1_1 24077	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GOWANUS_GT1_2 24078	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GOWANUS_GT1_3 24079	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GOWANUS_GT1_4 24080	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GOWANUS_GT1_5 24084	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GOWANUS_GT1_6 24111	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00																

GOWANUS_GT2_6 24119	24.09 <u>1.49</u> -0.01	22.16 <u>1.56</u> -0.01	19.63 <u>1.37</u> -0.01	18.69 <u>1.22</u> -0.01	21.50 <u>1.24</u> -0.01	23.47 <u>1.10</u> 0.00	25.86 <u>1.18</u> 0.00	24.30 <u>1.27</u> 0.00	21.81 <u>1.33</u> 0.00	19.80 <u>1.35</u> -0.01	20.38 <u>1.40</u> -0.01	20.45 <u>1.46</u> -0.01	20.84 <u>1.51</u> -0.01	20.74 <u>1.55</u> -0.01	20.78 <u>1.56</u> -0.01	22.02 <u>1.69</u> -0.01	25.17 <u>1.80</u> -0.01	31.72 <u>2.19</u> 0.00	39.14 <u>2.52</u> 0.00	43.36 <u>2.30</u> 0.00	48.35 <u>2.43</u> 0.00	40.22 <u>2.06</u> 0.00	33.16 <u>1.79</u> -0.01	27.10 <u>1.41</u> -0.01
GOWANUS_GT2_7 24120	24.09 <u>1.49</u> -0.01	22.16 <u>1.56</u> -0.01	19.63 <u>1.37</u> -0.01	18.69 <u>1.22</u> -0.01	21.50 <u>1.24</u> -0.01	23.47 <u>1.10</u> 0.00	25.86 <u>1.18</u> 0.00	24.30 <u>1.27</u> 0.00	21.81 <u>1.33</u> 0.00	19.80 <u>1.35</u> -0.01	20.38 <u>1.40</u> -0.01	20.45 <u>1.46</u> -0.01	20.84 <u>1.51</u> -0.01	20.74 <u>1.55</u> -0.01	20.78 <u>1.56</u> -0.01	22.02 <u>1.69</u> -0.01	25.17 <u>1.80</u> -0.01	31.72 <u>2.19</u> 0.00	39.14 <u>2.52</u> 0.00	43.36 <u>2.30</u> 0.00	48.35 <u>2.43</u> 0.00	40.22 <u>2.06</u> 0.00	33.16 <u>1.79</u> -0.01	27.10 <u>1.41</u> -0.01
GOWANUS_GT2_8 24121	24.09 <u>1.49</u> -0.01	22.16 <u>1.56</u> -0.01	19.63 <u>1.37</u> -0.01	18.69 <u>1.22</u> -0.01	21.50 <u>1.24</u> -0.01	23.47 <u>1.10</u> 0.00	25.86 <u>1.18</u> 0.00	24.30 <u>1.27</u> 0.00	21.81 <u>1.33</u> 0.00	19.80 <u>1.35</u> -0.01	20.38 <u>1.40</u> -0.01	20.45 <u>1.46</u> -0.01	20.84 <u>1.51</u> -0.01	20.74 <u>1.55</u> -0.01	20.78 <u>1.56</u> -0.01	22.02 <u>1.69</u> -0.01	25.17 <u>1.80</u> -0.01	31.72 <u>2.19</u> 0.00	39.14 <u>2.52</u> 0.00	43.36 <u>2.30</u> 0.00	48.35 <u>2.43</u> 0.00	40.22 <u>2.06</u> 0.00	33.16 <u>1.79</u> -0.01	27.10 <u>1.41</u> -0.01
GOWANUS_GT3_1 24122	24.09 <u>1.49</u> -0.01	22.16 <u>1.56</u> -0.01	19.63 <u>1.37</u> -0.01	18.69 <u>1.22</u> -0.01	21.50 <u>1.24</u> -0.01	23.47 <u>1.10</u> 0.00	25.86 <u>1.18</u> 0.00	24.30 <u>1.27</u> 0.00	21.81 <u>1.33</u> 0.00	19.80 <u>1.35</u> -0.01	20.38 <u>1.40</u> -0.01	20.45 <u>1.46</u> -0.01	20.84 <u>1.51</u> -0.01	20.74 <u>1.55</u> -0.01	20.78 <u>1.56</u> -0.01	22.02 <u>1.69</u> -0.01	25.17 <u>1.80</u> -0.01	31.72 <u>2.19</u> 0.00	39.14 <u>2.52</u> 0.00	43.36 <u>2.30</u> 0.00	48.35 <u>2.43</u> 0.00	40.22 <u>2.06</u> 0.00	33.16 <u>1.79</u> -0.01	27.10 <u>1.41</u> -0.01
GOWANUS_GT3_2 24123	24.09 <u>1.49</u> -0.01	22.16 <u>1.56</u> -0.01	19.63 <u>1.37</u> -0.01	18.69 <u>1.22</u> -0.01	21.50 <u>1.24</u> -0.01	23.47 <u>1.10</u> 0.00	25.86 <u>1.18</u> 0.00	24.30 <u>1.27</u> 0.00	21.81 <u>1.33</u> 0.00	19.80 <u>1.35</u> -0.01	20.38 <u>1.40</u> -0.01	20.45 <u>1.46</u> -0.01	20.84 <u>1.51</u> -0.01	20.74 <u>1.55</u> -0.01	20.78 <u>1.56</u> -0.01	22.02 <u>1.69</u> -0.01	25.17 <u>1.80</u> -0.01	31.72 <u>2.19</u> 0.00	39.14 <u>2.52</u> 0.00	43.36 <u>2.30</u> 0.00	48.35 <u>2.43</u> 0.00	40.22 <u>2.06</u> 0.00	33.16 <u>1.79</u> -0.01	27.10 <u>1.41</u> -0.01
GOWANUS_GT3_3 24124	24.09 <u>1.49</u> -0.01	22.16 <u>1.56</u> -0.01	19.63 <u>1.37</u> -0.01	18.69 <u>1.22</u> -0.01	21.50 <u>1.24</u> -0.01	23.47 <u>1.10</u> 0.00	25.86 <u>1.18</u> 0.00	24.30 <u>1.27</u> 0.00	21.81 <u>1.33</u> 0.00	19.80 <u>1.35</u> -0.01	20.38 <u>1.40</u> -0.01	20.45 <u>1.46</u> -0.01	20.84 <u>1.51</u> -0.01	20.74 <u>1.55</u> -0.01	20.78 <u>1.56</u> -0.01	22.02 <u>1.69</u> -0.01	25.17 <u>1.80</u> -0.01	31.72 <u>2.19</u> 0.00	39.14 <u>2.52</u> 0.00	43.36 <u>2.30</u> 0.00	48.35 <u>2.43</u> 0.00	40.22 <u>2.06</u> 0.00	33.16 <u>1.79</u> -0.01	27.10

GOWANUS_GT4_5 24134	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GOWANUS_GT4_6 24135	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GOWANUS_GT4_7 24136	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GOWANUS_GT4_8 24137	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GREATVR_69_KV_BK1 356245	28.56 2.08 -3.89	26.05 2.16 -3.29	21.72 1.93 -1.53	20.76 1.80 -1.50	22.87 1.88 -0.74	25.04 1.92 -0.75	27.33 2.07 -0.58	25.73 2.00 -0.69	23.37 1.95 -0.95	21.43 1.86 -1.12	24.22 1.90 -3.36	24.26 1.94 -3.34	24.84 1.99 -3.53	25.56 2.05 -4.33	25.29 2.08 -4.00	26.87 2.26 -4.29	30.64 2.45 -4.83	46.00 3.19 -13.27	47.24 3.62 -7.01	47.33 3.45 -2.82	53.18 3.81 -3.45	45.63 3.17 -4.30	37.21 2.73 -3.11	31.17 2.18 -3.30
GREENBSH_115KV_TB3 55895	22.82 0.23 0.00	20.92 0.33 0.00	18.56 0.31 0.00	17.72 0.26 0.00	20.44 0.18 0.00	22.48 0.11 0.00	24.78 0.10 0.00	23.12 0.09 0.00	20.52 0.04 0.00	18.50 0.06 0.00	19.02 0.06 0.00	19.04 0.06 0.00	19.38 0.06 0.00	19.25 0.08 0.00	19.33 0.12 0.00	20.43 0.10 0.00	23.48 0.12 0.00	29.60 0.06 0.00	36.54 -0.07 0.00	40.98 -0.08 0.00	45.69 -0.23 0.00	38.05 -0.11 0.00	31.33 -0.03 0.00	25.73 0.05 0.00
GREENDGE_115KV_TB5 80291	22.09 -0.50 0.00	20.16 -0.43 0.00	18.05 -0.20 0.00	17.27 -0.19 0.00	19.95 -0.30 0.00	21.93 -0.45 0.00	24.06 -0.62 0.00	22.32 -0.71 0.00	19.80 -0.68 0.00	17.73 -0.72 0.00	18.17 -0.80 0.00	18.16 -0.82 0.00	18.47 -0.85 0.00	18.28 -0.90 0.00	18.27 -0.94 0.00	19.33 -1.00 0.00	22.33 -1.03 0.00	28.50 -1.03 0.00	35.62 -0.99 0.00	40.00 -1.07 0.00	45.23 -0.69 0.00	37.51 -0.65 0.00	30.77 -0.60 0.00	25.32 -0.36 0.00
GREENIDGE___3 23582	22.09 -0.50 0.00	20.16 -0.43 0.00	18.05 -0.20 0.00	17.27 -0.19 0.00	19.95 -0.30 0.00	21.93 -0.45 0.00	24.06 -0.62 0.00	22.32 -0.71 0.00	19.80 -0.68 0.00	17.73 -0.72 0.00	18.17 -0.80 0.00	18.16 -0.82 0.00	18.47 -0.85 0.00	18.28 -0.90 0.00	18.27 -0.94 0.00	19.33 -1.00 0.00	22.33 -1.03 0.00	28.50 -1.03 0.00	35.62 -0.99 0.00	40.00 -1.07 0.00	45.23 -0.69 0.00	37.51 -0.65 0.00	30.77 -0.60 0.00	25.32 -0.36 0.00
GREENIDGE___4 23583	22.09 -0.50 0.00	20.16 -0.43 0.00	18.05 -0.20 0.00	17.29 -0.17 0.00	19.95 -0.30 0.00	21.93 -0.45 0.00	24.06 -0.62 0.00	22.32 -0.71 0.00	19.80 -0.68 0.00	17.73 -0.72 0.00	18.17 -0.80 0.00	18.16 -0.82 0.00	18.47 -0.85 0.00	18.28 -0.90 0.00	18.27 -0.94 0.00	19.33 -1.00 0.00	22.33 -1.03 0.00	28.50 -1.03 0.00	35.62 -0.99 0.00	40.33 -0.74 0.00	45.23 -0.69 0.00	37.51 -0.65 0.00	30.77 -0.60 0.00	25.32 -0.36 0.00
GREENLWN_69_KV_BK 3 55738	27.46 1.40 -3.47	25.14 1.59 -2.96	21.03 1.41 -1.37	20.09 1.29 -1.34	22.22 1.32 -0.65	24.36 1.32 -0.67	26.63 1.43 -0.52	25.08 1.43 -0.62	22.72 1.39 -0.85	20.83 1.38 -1.00	23.41 1.42 -3.02	23.45 1.46 -3.01	23.98 1.49 -3.17	24.59 1.53 -3.88	24.35 1.54 -3.60	25.81 1.65 -3.83	29.48 1.73 -4.39	43.65 2.01 -12.10	44.81 2.16 -6.04	45.53 1.93 -2.53	50.96 2.11 -2.93	43.62 1.76 -3.70	35.85 1.69 -2.79	30.07 1.44 -2.95
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00
GRISSOM___SOLAR 323813	23.74 1.15 0.00	21.70 1.11 0.00	19.28 1.02 0.00	18.42 0.96 0.00	21.33 1.07 0.00	23.49 1.12 0.00	25.76 1.08 0.00	23.95 0.92 0.00	21.07 0.59 0.00	18.83 0.39 0.00	19.34 0.38 0.00	19.34 0.36 0.00	19.65 0.33 0.00	19.54 0.36 0.00	19.58 0.36 0.00	20.70 0.37 0.00	23.88 0.51 0.00	30.39 0.86 0.00	38.11 1.50 0.00	43.04 1.97 0.00	48.21 2.29 0.00	40.14 1.98 0.00	32.90 1.54 0.00	27.02 1.33 0.00
GROVEVILLE___HYD 323602	23.70 1.11 0.00	21.85 1.26 0.00	19.35 1.10 0.00	18.44 0.98 0.00	21.23 0.97 0.00	23.36 0.98 0.00	25.71 1.04 0.00	24.05 1.01 0.00	21.46 0.98 0.00	19.35 0.90 0.00	19.91 0.95 0.00	19.98 1.01 0.00	20.37 1.04 0.00	20.27 1.09 0.00	20.31 1.10 0.00	21.57 1.24 0.00	24.69 1.33 0.00	31.22 1.68 0.00	38.55 1.94 0.00	42.95 1.89 0.00	47.98 2.07 0.00	39.80 1.64 0.00	32.68 1.32 0.00	26.84 1.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.03 -0.56 0.00	20.10 -0.49 0.00	17.89 -0.37 0.00	17.09 -0.37 0.00	19.79 -0.47 0.00	21.77 -0.60 0.00	23.96 -0.72 0.00	22.32 -0.71 0.00	19.82 -0.66 0.00	17.82 -0.63 0.00	18.30 -0.66 0.00	18.33 -0.65 0.00	18.67 -0.66 0.00	18.49 -0.69 0.00	18.52 -0.69 0.00	19.58 -0.75 0.00	22.57 -0.79 0.00	28.65 -0.89 0.00	35.59 -1.03 0.00	40.00 -1.07 0.00	45.00 -0.92 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.09 -0.59 0.00
HAMLTNNY_34_KV_TB 80303	21.93 -0.66 0.00	20.02 -0.58 0.00	17.83 -0.42 0.00	17.06 -0.40 0.00	19.73 -0.53 0.00	21.70 -0.67 0.00	23.89 -0.79 0.00	22.23 -0.81 0.00	19.74 -0.74 0.00	17.73 -0.72 0.00	18.21 -0.76 0.00	18.22 -0.76 0.00	18.57 -0.75 0.00	18.37 -0.81 0.00	18.41 -0.81 0.00	19.48 -0.85 0.00	22.45 -0.91 0.00	28.53 -1.00 0.00	35.44 -1.17 0.00	39.87 -1.19 0.00	44.91 -1.01 0.00	37.09 -1.07 0.00	30.52 -0.85 0.00	25.04 -0.64 0.00

HAMPSHIRE___PAPER_HYD 323593	22.11 -0.48 0.00	19.95 -0.64 0.00	17.65 -0.60 0.00	16.92 -0.54 0.00	19.79 -0.47 0.00	21.88 -0.49 0.00	24.26 -0.42 0.00	22.66 -0.37 0.00	20.03 -0.45 0.00	17.93 -0.52 0.00	18.45 -0.51 0.00	18.41 -0.57 0.00	18.74 -0.58 0.00	18.54 -0.63 0.00	18.56 -0.65 0.00	19.64 -0.69 0.00	22.64 -0.72 0.00	28.77 -0.77 0.00	35.99 -0.62 0.00	40.70 -0.37 0.00	45.37 -0.55 0.00	37.85 -0.31 0.00	31.11 -0.25 0.00	25.27 -0.41 0.00
HARDSCRABBLE_WT_PWR 323673	22.41 -0.18 0.00	20.45 -0.14 0.00	18.15 -0.11 0.00	17.34 -0.12 0.00	20.09 -0.16 0.00	22.19 -0.18 0.00	24.43 -0.25 0.00	22.82 -0.21 0.00	20.28 -0.20 0.00	18.26 -0.18 0.00	18.78 -0.19 0.00	18.79 -0.19 0.00	19.11 -0.21 0.00	18.95 -0.23 0.00	18.98 -0.23 0.00	20.09 -0.24 0.00	23.11 -0.26 0.00	29.21 -0.32 0.00	36.24 -0.37 0.00	40.66 -0.41 0.00	45.46 -0.46 0.00	37.85 -0.31 0.00	31.15 -0.22 0.00	25.53 -0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.54 0.95 0.00	21.70 1.11 0.00	19.24 0.99 0.00	18.33 0.87 0.00	21.10 0.85 0.00	23.20 0.83 0.00	25.57 0.89 0.00	23.91 0.88 0.00	21.36 0.88 0.00	19.31 0.87 0.00	19.88 0.91 0.00	19.95 0.97 0.00	20.31 0.99 0.00	20.21 1.04 0.00	20.25 1.04 0.00	21.49 1.16 0.00	24.60 1.24 0.00	31.07 1.54 0.00	38.33 1.72 0.00	42.67 1.60 0.00	47.71 1.79 0.00	39.57 1.41 0.00	32.49 1.13 0.00	26.66 0.98 0.00
HARSNRAD_115KV_TB1 81005	20.96 -1.63 0.00	19.05 -1.54 0.00	17.23 -1.02 0.00	16.50 -0.96 0.00	19.08 -1.17 0.00	20.85 -1.52 0.00	22.80 -1.88 0.00	20.96 -2.07 0.00	18.76 -1.72 0.00	16.79 -1.66 0.00	17.18 -1.78 0.00	17.16 -1.82 0.00	17.47 -1.86 0.00	17.22 -1.96 0.00	17.20 -2.02 0.00	18.13 -2.20 0.00	20.98 -2.38 0.00	26.67 -2.87 0.00	33.21 -3.40 0.00	37.62 -3.45 0.00	42.66 -3.26 0.00	34.99 -3.17 0.00	28.86 -2.51 0.00	24.24 -1.44 0.00
HARZA MOOSE___RIVER 24016	22.64 0.05 0.00	20.49 -0.10 0.00	18.18 -0.07 0.00	17.39 -0.07 0.00	20.29 0.04 0.00	22.42 0.04 0.00	24.65 -0.02 0.00	22.99 -0.05 0.00	20.36 -0.12 0.00	18.24 -0.20 0.00	18.76 -0.21 0.00	18.75 -0.23 0.00	19.07 -0.25 0.00	18.85 -0.33 0.00	18.93 -0.29 0.00	20.00 -0.33 0.00	23.06 -0.30 0.00	29.33 -0.21 0.00	36.61 0.00 0.00	41.31 0.25 0.00	46.33 0.41 0.00	38.51 0.34 0.00	31.62 0.25 0.00	25.84 0.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.03 -0.56 0.00	20.12 -0.47 0.00	17.91 -0.35 0.00	17.13 -0.33 0.00	19.79 -0.47 0.00	21.79 -0.58 0.00	23.96 -0.72 0.00	22.34 -0.69 0.00	19.87 -0.61 0.00	17.84 -0.61 0.00	18.34 -0.63 0.00	18.37 -0.61 0.00	18.71 -0.62 0.00	18.52 -0.65 0.00	18.56 -0.65 0.00	19.62 -0.71 0.00	22.61 -0.75 0.00	28.68 -0.86 0.00	35.55 -1.06 0.00	39.92 -1.15 0.00	44.91 -1.01 0.00	37.13 -1.03 0.00	30.55 -0.82 0.00	25.12 -0.57 0.00
HELLGATE_13_KV_LD 55870	23.99 1.40 0.00	22.18 1.59 0.00	19.62 1.37 0.00	18.70 1.24 0.00	21.49 1.24 0.00	23.49 1.12 0.00	25.86 1.18 0.00	24.32 1.29 0.00	21.83 1.35 0.00	19.83 1.38 0.00	20.41 1.44 0.00	20.48 1.50 0.00	20.87 1.55 0.00	20.77 1.59 0.00	20.83 1.61 0.00	22.04 1.71 0.00	25.14 1.78 0.00	31.66 2.13 0.00	39.03 2.42 0.00	43.28 2.22 0.00	48.26 2.34 0.00	40.11 1.95 0.00	33.12 1.76 0.00	27.04 1.36 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.99 1.40 0.00	22.18 1.59 0.00	19.62 1.37 0.00	18.70 1.24 0.00	21.49 1.24 0.00	23.49 1.12 0.00	25.86 1.18 0.00	24.32 1.29 0.00	21.83 1.35 0.00	19.83 1.38 0.00	20.41 1.44 0.00	20.48 1.50 0.00	20.87 1.55 0.00	20.77 1.59 0.00	20.83 1.61 0.00	22.04 1.71 0.00	25.14 1.78 0.00	31.66 2.13 0.00	39.03 2.42 0.00	43.28 2.22 0.00	48.26 2.34 0.00	40.11 1.95 0.00	33.12 1.76 0.00	27.04 1.36 0.00
HEMPSTEAD___ 23647	39.90 1.47 -15.85	34.88 1.59 -12.71	25.74 1.42 -6.06	24.67 1.27 -5.94	24.45 1.34 -2.86	26.70 1.32 -3.00	28.48 1.46 -2.34	27.26 1.43 -2.80	25.71 1.41 -3.81	24.29 1.38 -4.46	33.36 1.44 -12.96	33.37 1.48 -12.91	34.44 1.51 -13.61	37.81 1.53 -17.10	36.21 1.56 -15.44	39.12 1.65 -17.15	42.56 1.73 -17.47	79.42 2.10 -47.78	73.37 2.38 -34.38	54.19 2.22 -10.91	66.62 2.48 -18.22	61.42 2.06 -21.20	45.29 1.72 -12.20	40.49 1.44 -13.37
HICKLING___1 23621	22.25 -0.34 0.00	20.34 -0.25 0.00	18.24 -0.02 0.00	17.43 -0.03 0.00	20.13 -0.12 0.00	22.08 -0.29 0.00	24.16 -0.52 0.00	22.36 -0.67 0.00	19.91 -0.57 0.00	17.85 -0.59 0.00	18.30 -0.66 0.00	18.30 -0.68 0.00	18.63 -0.70 0.00	18.41 -0.77 0.00	18.39 -0.83 0.00	19.43 -0.89 0.00	22.45 -0.91 0.00	28.59 -0.95 0.00	35.70 -0.92 0.00	40.41 -0.66 0.00	45.78 -0.14 0.00	37.67 -0.50 0.00	30.93 -0.44 0.00	25.50 -0.18 0.00
HICKLING___2 23622	22.25 -0.34 0.00	20.34 -0.25 0.00	18.24 -0.02 0.00	17.43 -0.03 0.00	20.13 -0.12 0.00	22.08 -0.29 0.00	24.16 -0.52 0.00	22.36 -0.67 0.00	19.91 -0.57 0.00	17.85 -0.59 0.00	18.30 -0.66 0.00	18.30 -0.68 0.00	18.63 -0.70 0.00	18.41 -0.77 0.00	18.39 -0.83 0.00	19.43 -0.89 0.00	22.45 -0.91 0.00	28.59 -0.95 0.00	35.70 -0.92 0.00	40.41 -0.66 0.00	45.78 -0.14 0.00	37.67 -0.50 0.00	30.93 -0.44 0.00	25.50 -0.18 0.00
HIGH FALLS___HY 23754	23.76 1.17 0.00	21.91 1.32 0.00	19.40 1.15 0.00	18.49 1.03 0.00	21.29 1.03 0.00	23.45 1.07 0.00	25.81 1.14 0.00	24.14 1.11 0.00	21.54 1.06 0.00	19.44 1.00 0.00	19.99 1.02 0.00	20.06 1.08 0.00	20.44 1.12 0.00	20.33 1.15 0.00	20.37 1.15 0.00	21.65 1.32 0.00	24.79 1.43 0.00	31.34 1.80 0.00	38.77 2.16 0.00	43.16 2.09 0.00	48.26 2.34 0.00	39.99 1.83 0.00	32.81 1.44 0.00	26.92 1.23 0.00
HIGH_RIVER___SOLAR 323847	23.31 0.72 0.00	21.35 0.76 0.00	18.95 0.69 0.00	18.11 0.65 0.00	20.94 0.69 0.00	23.07 0.69 0.00	25.32 0.64 0.00	23.49 0.46 0.00	20.66 0.18 0.00	18.50 0.06 0.00	19.00 0.04 0.00	19.02 0.04 0.00	19.36 0.04 0.00	19.27 0.10 0.00	19.27 0.06 0.00	20.37 0.04 0.00	23.46 0.09 0.00	29.86 0.33 0.00	37.42 0.80 0.00	42.21 1.15 0.00	47.25 1.33 0.00	39.31 1.14 0.00	32.27 0.91 0.00	26.48 0.80 0.00
HILLBURN___GT 23639	23.61 1.02 0.00	21.74 1.15 0.00	19.26 1.00 0.00	18.35 0.89 0.00	21.10 0.85 0.00	23.20 0.83 0.00	25.56 0.89 0.00	23.93 0.90 0.00	21.42 0.94 0.00	19.42 0.98 0.00	19.99 1.02 0.00	20.04 1.06 0.00	20.43 1.10 0.00	20.33 1.15 0.00	20.37 1.15 0.00	21.59 1.26 0.00	24.69 1.33 0.00	31.10 1.56 0.00	38.37 1.76 0.00	42.67 1.60 0.00	47.71 1.79 0.00	39.61 1.45 0.00	32.53 1.16 0.00	26.61 0.92 0.00
HILLSIDE_115KV_TB1 80332	22.00 -0.59 0.00	20.12 -0.47 0.00	18.02 -0.24 0.00	17.22 -0.24 0.00	19.89 -0.36 0.00	21.81 -0.56 0.00	23.91 -0.76 0.00	22.16 -0.88 0.00	19.74 -0.74 0.00	17.76 -0.68 0.00	18.23 -0.74 0.00	18.22 -0.76 0.00	18.55 -0.77 0.00	18.33 -0.84 0.00	18.31 -0.90 0.00	19.37 -0.96 0.00	22.36 -1.00 0.00	28.36 -1.18 0.00	35.29 -1.32 0.00	39.83 -1.23 0.00	45.04 -0.87 0.00	37.13 -1.03 0.00	30.49 -0.88 0.00	25.14 -0.54 0.00

HISHELDN_WT_PWR 323625	21.39 -1.20 0.00	19.50 -1.09 0.00	17.60 -0.66 0.00	16.88 -0.58 0.00	19.46 -0.79 0.00	21.28 -1.10 0.00	23.27 -1.41 0.00	21.42 -1.61 0.00	19.09 -1.39 0.00	17.12 -1.33 0.00	17.52 -1.44 0.00	17.48 -1.50 0.00	17.80 -1.53 0.00	17.57 -1.61 0.00	17.54 -1.67 0.00	18.50 -1.83 0.00	21.40 -1.96 0.00	27.23 -2.30 0.00	33.94 -2.67 0.00	38.64 -2.42 0.00	43.81 -2.11 0.00	35.95 -2.21 0.00	29.58 -1.79 0.00	24.68 -1.00 0.00
HOLTSVILLE_IC_1 23690	27.05 1.90 -2.56	24.79 1.96 -2.24	21.05 1.77 -1.03	20.09 1.62 -1.00	22.44 1.70 -0.49	24.57 1.70 -0.50	26.89 1.83 -0.39	25.24 1.75 -0.46	22.85 1.74 -0.63	20.88 1.68 -0.75	22.97 1.73 -2.28	23.02 1.77 -2.27	23.54 1.82 -2.40	23.94 1.86 -2.91	23.80 1.86 -2.72	25.23 2.05 -2.85	28.97 2.17 -3.43	41.89 2.81 -9.54	43.72 3.11 -4.00	45.81 2.83 -1.91	50.88 3.12 -1.83	43.23 2.63 -2.44	35.82 2.35 -2.10	29.74 1.87 -2.18
HOLTSVILLE_IC_10 23699	27.48 2.01 -2.88	25.12 2.04 -2.49	21.25 1.84 -1.15	20.27 1.69 -1.12	22.56 1.76 -0.54	24.72 1.79 -0.56	27.03 1.93 -0.43	25.39 1.84 -0.52	23.01 1.82 -0.71	21.04 1.75 -0.84	23.31 1.80 -2.54	23.35 1.84 -2.53	23.88 1.89 -2.67	24.38 1.96 -3.25	24.20 1.96 -3.02	25.67 2.15 -3.19	29.44 2.31 -3.77	42.95 2.98 -10.43	44.69 3.37 -4.71	46.31 3.12 -2.13	51.58 3.45 -2.22	43.94 2.90 -2.88	36.21 2.51 -2.34	30.13 2.00 -2.45
HOLTSVILLE_IC_2 23691	27.05 1.90 -2.56	24.79 1.96 -2.24	21.05 1.77 -1.03	20.09 1.62 -1.00	22.44 1.70 -0.49	24.57 1.70 -0.50	26.89 1.83 -0.39	25.24 1.75 -0.46	22.85 1.74 -0.63	20.88 1.68 -0.75	22.97 1.73 -2.28	23.02 1.77 -2.27	23.54 1.82 -2.40	23.94 1.86 -2.91	23.80 1.86 -2.72	25.23 2.05 -2.85	28.97 2.17 -3.43	41.89 2.81 -9.54	43.72 3.11 -4.00	45.81 2.83 -1.91	50.88 3.12 -1.83	43.23 2.63 -2.44	35.82 2.35 -2.10	29.74 1.87 -2.18
HOLTSVILLE_IC_3 23692	27.05 1.90 -2.56	24.79 1.96 -2.24	21.05 1.77 -1.03	20.09 1.62 -1.00	22.44 1.70 -0.49	24.57 1.70 -0.50	26.89 1.83 -0.39	25.24 1.75 -0.46	22.85 1.74 -0.63	20.88 1.68 -0.75	22.97 1.73 -2.28	23.02 1.77 -2.27	23.54 1.82 -2.40	23.94 1.86 -2.91	23.80 1.86 -2.72	25.23 2.05 -2.85	28.97 2.17 -3.43	41.89 2.81 -9.54	43.72 3.11 -4.00	45.81 2.83 -1.91	50.88 3.12 -1.83	43.23 2.63 -2.44	35.82 2.35 -2.10	29.74 1.87 -2.18
HOLTSVILLE_IC_4 23693	27.05 1.90 -2.56	24.79 1.96 -2.24	21.05 1.77 -1.03	20.09 1.62 -1.00	22.44 1.70 -0.49	24.57 1.70 -0.50	26.89 1.83 -0.39	25.24 1.75 -0.46	22.85 1.74 -0.63	20.88 1.68 -0.75	22.97 1.73 -2.28	23.02 1.77 -2.27	23.54 1.82 -2.40	23.94 1.86 -2.91	23.80 1.86 -2.72	25.23 2.05 -2.85	28.97 2.17 -3.43	41.89 2.81 -9.54	43.72 3.11 -4.00	45.81 2.83 -1.91	50.88 3.12 -1.83	43.23 2.63 -2.44	35.82 2.35 -2.10	29.74 1.87 -2.18
HOLTSVILLE_IC_5 23694	27.05 1.90 -2.56	24.79 1.96 -2.24	21.05 1.77 -1.03	20.09 1.62 -1.00	22.44 1.70 -0.49	24.57 1.70 -0.50	26.89 1.83 -0.39	25.24 1.75 -0.46	22.85 1.74 -0.63	20.88 1.68 -0.75	22.97 1.73 -2.28	23.02 1.77 -2.27	23.54 1.82 -2.40	23.94 1.86 -2.91	23.80 1.86 -2.72	25.23 2.05 -2.85	28.97 2.17 -3.43	41.89 2.81 -9.54	43.72 3.11 -4.00	45.81 2.83 -1.91	50.88 3.12 -1.83	43.23 2.63 -2.44	35.82 2.35 -2.10	29.74 1.87 -2.18
HOLTSVILLE_IC_6 23695	27.48 2.01 -2.88	25.12 2.04 -2.49	21.25 1.84 -1.15	20.27 1.69 -1.12	22.56 1.76 -0.54	24.72 1.79 -0.56	27.03 1.93 -0.43	25.39 1.84 -0.52	23.01 1.82 -0.71	21.04 1.75 -0.84	23.31 1.80 -2.54	23.35 1.84 -2.53	23.88 1.89 -2.67	24.38 1.96 -3.25	24.20 1.96 -3.02	25.67 2.15 -3.19	29.44 2.31 -3.77	42.95 2.98 -10.43	44.69 3.37 -4.71	46.31 3.12 -2.13	51.58 3.45 -2.22	43.94 2.90 -2.88	36.21 2.51 -2.34	30.13 2.00 -2.45
HOLTSVILLE_IC_7 23696	27.48 2.01 -2.88	25.12 2.04 -2.49	21.25 1.84 -1.15	20.27 1.69 -1.12	22.56 1.76 -0.54	24.72 1.79 -0.56	27.03 1.93 -0.43	25.39 1.84 -0.52	23.01 1.82 -0.71	21.04 1.75 -0.84	23.31 1.80 -2.54	23.35 1.84 -2.53	23.88 1.89 -2.67	24.38 1.96 -3.25	24.20 1.96 -3.02	25.67 2.15 -3.19	29.44 2.31 -3.77	42.95 2.98 -10.43	44.69 3.37 -4.71	46.31 3.12 -2.13	51.58 3.45 -2.22	43.94 2.90 -2.88	36.21 2.51 -2.34	30.13 2.00 -2.45
HOLTSVILLE_IC_8 23697	27.48 2.01 -2.88	25.12 2.04 -2.49	21.25 1.84 -1.15	20.27 1.69 -1.12	22.56 1.76 -0.54	24.72 1.79 -0.56	27.03 1.93 -0.43	25.39 1.84 -0.52	23.01 1.82 -0.71	21.04 1.75 -0.84	23.31 1.80 -2.54	23.35 1.84 -2.53	23.88 1.89 -2.67	24.38 1.96 -3.25	24.20 1.96 -3.02	25.67 2.15 -3.19	29.44 2.31 -3.77	42.95 2.98 -10.43	44.69 3.37 -4.71	46.31 3.12 -2.13	51.58 3.45 -2.22	43.94 2.90 -2.88	36.21 2.51 -2.34	30.13 2.00 -2.45
HOLTSVILLE_IC_9 23698	27.48 2.01 -2.88	25.12 2.04 -2.49	21.25 1.84 -1.15	20.27 1.69 -1.12	22.56 1.76 -0.54	24.72 1.79 -0.56	27.03 1.93 -0.43	25.39 1.84 -0.52	23.01 1.82 -0.71	21.04 1.75 -0.84	23.31 1.80 -2.54	23.35 1.84 -2.53	23.88 1.89 -2.67	24.38 1.96 -3.25	24.20 1.96 -3.02	25.67 2.15 -3.19	29.44 2.31 -3.77	42.95 2.98 -10.43	44.69 3.37 -4.71	46.31 3.12 -2.13	51.58 3.45 -2.22	43.94 2.90 -2.88	36.21 2.51 -2.34	30.13 2.00 -2.45
HOMER_HL_115KV_TB2 355744	21.64 -0.95 0.00	19.83 -0.76 0.00	17.89 -0.37 0.00	17.13 -0.33 0.00	19.75 -0.51 0.00	21.55 -0.83 0.00	23.54 -1.14 0.00	21.72 -1.31 0.00	19.48 -1.00 0.00	17.56 -0.89 0.00	17.94 -1.02 0.00	17.90 -1.08 0.00	18.22 -1.10 0.00	17.97 -1.21 0.00	17.89 -1.33 0.00	18.91 -1.42 0.00	21.89 -1.47 0.00	27.77 -1.77 0.00	34.56 -2.05 0.00	39.26 -1.81 0.00	44.59 -1.33 0.00	36.48 -1.68 0.00	29.92 -1.44 0.00	24.94 -0.74 0.00
HOWARD_WT_PWR 323690	21.96 -0.63 0.00	20.06 -0.54 0.00	18.05 -0.20 0.00	17.29 -0.17 0.00	19.95 -0.30 0.00	21.88 -0.49 0.00	23.94 -0.74 0.00	22.11 -0.92 0.00	19.62 -0.86 0.00	17.56 -0.89 0.00	17.98 -0.99 0.00	17.94 -1.04 0.00	18.26 -1.06 0.00	18.03 -1.15 0.00	18.00 -1.21 0.00	19.03 -1.30 0.00	22.01 -1.36 0.00	28.12 -1.42 0.00	35.22 -1.39 0.00	40.20 -0.86 0.00	45.60 -0.32 0.00	37.48 -0.69 0.00	30.74 -0.63 0.00	25.30 -0.38 0.00
HQ_GEN_CEDARS 23644	22.52 -0.07 0.00	20.39 -0.21 0.00	18.04 -0.22 0.00	17.29 -0.17 0.00	20.17 -0.08 0.00	22.33 -0.04 0.00	24.92 0.25 0.00	23.33 0.30 0.00	20.71 0.23 0.00	18.59 0.15 0.00	19.15 0.19 0.00	19.09 0.11 0.00	19.46 0.14 0.00	19.29 0.12 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.48 0.12 0.00	29.71 0.18 0.00	37.01 0.40 0.00	41.72 0.66 0.00	46.15 0.23 0.00	38.66 0.50 0.00	31.77 0.41 0.00	25.73 0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	22.52 -0.07 0.00	20.39 -0.21 0.00	18.04 -0.22 0.00	17.29 -0.17 0.00	20.17 -0.08 0.00	22.33 -0.04 0.00	24.92 0.25 0.00	23.33 0.30 0.00	20.71 0.23 0.00	18.59 0.15 0.00	19.15 0.19 0.00	19.09 0.11 0.00	19.46 0.14 0.00	19.29 0.12 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.48 0.12 0.00	29.72 0.18 0.00	37.01 0.40 0.00	41.72 0.66 0.00	46.15 0.23 0.00	38.66 0.49 0.00	31.77 0.41 0.00	25.73 0.05 0.00

HQ_GEN_IMPORT 323601	22.54 -0.05 0.00	20.43 -0.17 0.00	18.07 -0.18 0.00	17.32 -0.14 0.00	20.19 -0.06 0.00	22.40 0.02 0.00	24.75 0.07 0.00	23.12 0.09 0.00	20.54 0.06 0.00	18.50 0.06 0.00	19.02 0.06 0.00	19.02 0.04 0.00	19.36 0.04 0.00	19.21 0.04 0.00	19.23 0.02 0.00	20.35 0.02 0.00	23.41 0.05 0.00	29.60 0.06 0.00	36.72 0.11 0.00	41.23 0.16 0.00	46.06 0.14 0.00	38.28 0.11 0.00	31.46 0.09 0.00	25.68 0.00 0.00
HQ_GEN_WHEEL 23651	22.54 -0.05 0.00	20.43 -0.17 0.00	18.07 -0.18 0.00	17.32 -0.14 0.00	20.19 -0.06 0.00	22.40 0.02 0.00	24.75 0.07 0.00	23.12 0.09 0.00	20.54 0.06 0.00	18.50 0.06 0.00	19.02 0.06 0.00	19.02 0.04 0.00	19.36 0.04 0.00	19.21 0.04 0.00	19.23 0.02 0.00	20.35 0.02 0.00	23.41 0.05 0.00	29.60 0.06 0.00	36.72 0.11 0.00	41.23 0.16 0.00	46.06 0.14 0.00	38.28 0.11 0.00	31.46 0.09 0.00	25.68 0.00 0.00
HUDSON AVE_GT_3 23810	23.81 1.22 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.73 1.41 0.00	20.63 1.46 0.00	20.69 1.48 0.00	21.91 1.59 0.00	24.97 1.61 0.00	31.46 1.98 0.05	38.77 2.20 0.04	43.08 2.01 0.00	48.05 2.16 0.03	39.97 1.83 0.03	32.87 1.51 0.00	26.91 1.23 0.00
HUDSON AVE_GT_4 23540	23.81 1.22 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.73 1.41 0.00	20.63 1.46 0.00	20.69 1.48 0.00	21.91 1.59 0.00	24.97 1.61 0.00	31.46 1.98 0.05	38.77 2.20 0.04	43.08 2.01 0.00	48.05 2.16 0.03	39.97 1.83 0.03	32.87 1.51 0.00	26.91 1.23 0.00
HUDSON AVE_GT_5 23657	23.81 1.22 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.73 1.41 0.00	20.63 1.46 0.00	20.69 1.48 0.00	21.91 1.59 0.00	24.97 1.61 0.00	31.46 1.98 0.05	38.77 2.20 0.04	43.08 2.01 0.00	48.05 2.16 0.03	39.97 1.83 0.03	32.87 1.51 0.00	26.91 1.23 0.00
HUDSON_AVE_10 24168	23.81 1.13 -0.10	21.93 1.34 0.00	19.40 1.15 0.00	18.49 1.03 0.00	21.25 0.99 0.00	23.34 0.96 0.00	25.76 1.09 0.00	24.16 1.13 0.00	21.65 1.17 0.00	19.64 1.20 0.00	20.22 1.25 0.00	20.31 1.33 0.00	20.68 1.35 0.00	20.66 1.42 -0.07	20.64 1.42 0.00	21.96 1.52 -0.11	25.12 1.57 -0.20	32.28 1.83 -0.92	39.34 2.01 -0.71	42.91 1.85 0.00	48.32 1.93 -0.47	40.24 1.64 -0.44	32.81 1.41 -0.03	26.89 1.13 -0.08
HUDSON___115KV_TB 4 355613	23.20 0.61 0.00	21.27 0.68 0.00	18.88 0.62 0.00	18.02 0.56 0.00	20.80 0.55 0.00	22.91 0.54 0.00	25.19 0.52 0.00	23.47 0.44 0.00	20.75 0.27 0.00	18.59 0.15 0.00	19.10 0.13 0.00	19.11 0.13 0.00	19.46 0.14 0.00	19.33 0.15 0.00	19.41 0.19 0.00	20.55 0.22 0.00	23.67 0.30 0.00	29.98 0.44 0.00	37.20 0.59 0.00	41.76 0.70 0.00	46.56 0.64 0.00	38.77 0.61 0.00	31.87 0.50 0.00	26.22 0.54 0.00
HUNTER MOUNT___DRP 323613	23.29 0.70 0.00	21.35 0.76 0.00	18.95 0.69 0.00	18.09 0.63 0.00	20.90 0.65 0.00	23.02 0.65 0.00	25.29 0.62 0.00	23.56 0.53 0.00	20.77 0.29 0.00	18.57 0.13 0.00	19.06 0.09 0.00	19.09 0.11 0.00	19.42 0.10 0.00	19.31 0.13 0.00	19.37 0.15 0.00	20.53 0.20 0.00	23.67 0.30 0.00	30.04 0.50 0.00	37.31 0.70 0.00	41.93 0.86 0.00	46.74 0.83 0.00	38.89 0.73 0.00	31.96 0.60 0.00	26.35 0.67 0.00
HUNTINGTON_RES_REC 323705	27.28 1.70 -2.99	24.94 1.77 -2.58	21.03 1.59 -1.19	20.06 1.43 -1.16	22.31 1.50 -0.56	24.45 1.50 -0.58	26.75 1.63 -0.45	25.14 1.57 -0.54	22.77 1.56 -0.73	20.83 1.51 -0.87	23.15 1.56 -2.63	23.19 1.59 -2.62	23.73 1.64 -2.76	24.23 1.69 -3.37	24.06 1.71 -3.14	25.50 1.85 -3.32	29.24 1.98 -3.89	42.73 2.42 -10.77	44.25 2.67 -4.97	45.69 2.42 -2.20	50.94 2.66 -2.36	43.41 2.21 -3.04	35.83 2.04 -2.43	29.87 1.65 -2.54
HUNTLEY___63 23557	21.12 -1.47 0.00	19.21 -1.38 0.00	17.38 -0.88 0.00	16.64 -0.82 0.00	19.24 -1.01 0.00	21.01 -1.36 0.00	22.92 -1.75 0.00	21.07 -1.96 0.00	18.90 -1.58 0.00	16.93 -1.51 0.00	17.32 -1.65 0.00	17.27 -1.71 0.00	17.58 -1.74 0.00	17.35 -1.82 0.00	17.31 -1.90 0.00	18.26 -2.07 0.00	21.12 -2.24 0.00	26.88 -2.66 0.00	33.46 -3.15 0.00	37.94 -3.12 0.00	43.02 -2.89 0.00	35.26 -2.90 0.00	29.04 -2.32 0.00	24.42 -1.26 0.00
HUNTLEY___64 23558	21.12 -1.47 0.00	19.21 -1.38 0.00	17.38 -0.88 0.00	16.64 -0.82 0.00	19.24 -1.01 0.00	21.01 -1.36 0.00	22.92 -1.75 0.00	21.07 -1.96 0.00	18.90 -1.58 0.00	16.93 -1.51 0.00	17.32 -1.65 0.00	17.27 -1.71 0.00	17.58 -1.74 0.00	17.35 -1.82 0.00	17.31 -1.90 0.00	18.26 -2.07 0.00	21.12 -2.24 0.00	26.88 -2.66 0.00	33.46 -3.15 0.00	37.94 -3.12 0.00	43.02 -2.89 0.00	35.26 -2.90 0.00	29.04 -2.32 0.00	24.42 -1.26 0.00
HUNTLEY___65 23559	21.12 -1.47 0.00	19.21 -1.38 0.00	17.38 -0.88 0.00	16.64 -0.82 0.00	19.24 -1.01 0.00	21.01 -1.36 0.00	22.92 -1.75 0.00	21.07 -1.96 0.00	18.90 -1.58 0.00	16.93 -1.51 0.00	17.32 -1.65 0.00	17.27 -1.71 0.00	17.58 -1.74 0.00	17.35 -1.82 0.00	17.31 -1.90 0.00	18.26 -2.07 0.00	21.12 -2.24 0.00	26.88 -2.66 0.00	33.46 -3.15 0.00	37.94 -3.12 0.00	43.02 -2.89 0.00	35.26 -2.90 0.00	29.04 -2.32 0.00	24.42 -1.26 0.00
HUNTLEY___66 23560	21.12 -1.47 0.00	19.21 -1.38 0.00	17.38 -0.88 0.00	16.64 -0.82 0.00	19.24 -1.01 0.00	21.01 -1.36 0.00	22.92 -1.75 0.00	21.07 -1.96 0.00	18.90 -1.58 0.00	16.93 -1.51 0.00	17.32 -1.65 0.00	17.27 -1.71 0.00	17.58 -1.74 0.00	17.35 -1.82 0.00	17.31 -1.90 0.00	18.26 -2.07 0.00	21.12 -2.24 0.00	26.88 -2.66 0.00	33.46 -3.15 0.00	37.94 -3.12 0.00	43.02 -2.89 0.00	35.26 -2.90 0.00	29.04 -2.32 0.00	24.42 -1.26 0.00
HUNTLEY___67 23561	21.10 -1.49 0.00	19.19 -1.40 0.00	17.34 -0.91 0.00	16.60 -0.86 0.00	19.22 -1.03 0.00	21.01 -1.36 0.00	22.95 -1.73 0.00	21.12 -1.91 0.00	18.92 -1.56 0.00	16.95 -1.49 0.00	17.35 -1.61 0.00	17.33 -1.65 0.00	17.64 -1.68 0.00	17.41 -1.76 0.00	17.37 -1.84 0.00	18.32 -2.01 0.00	21.19 -2.17 0.00	26.91 -2.63 0.00	33.46 -3.15 0.00	37.90 -3.16 0.00	42.98 -2.94 0.00	35.26 -2.90 0.00	29.04 -2.32 0.00	24.37 -1.31 0.00
HUNTLEY___68 23562	21.10 -1.49 0.00	19.19 -1.40 0.00	17.34 -0.91 0.00	16.60 -0.86 0.00	19.22 -1.03 0.00	21.01 -1.36 0.00	22.95 -1.73 0.00	21.12 -1.91 0.00	18.92 -1.56 0.00	16.95 -1.49 0.00	17.35 -1.61 0.00	17.33 -1.65 0.00	17.64 -1.68 0.00	17.41 -1.76 0.00	17.37 -1.84 0.00	18.32 -2.01 0.00	21.19 -2.17 0.00	26.91 -2.63 0.00	33.46 -3.15 0.00	37.90 -3.16 0.00	42.98 -2.94 0.00	35.26 -2.90 0.00	29.04 -2.32 0.00	24.37 -1.31 0.00

HYLAND___LFGE 323620	22.36 -0.23 0.00	20.32 -0.27 0.00	18.33 0.07 0.00	17.60 0.14 0.00	20.29 0.04 0.00	22.19 -0.18 0.00	24.43 -0.25 0.00	22.48 -0.55 0.00	19.64 -0.84 0.00	17.41 -1.03 0.00	17.73 -1.23 0.00	17.65 -1.33 0.00	17.93 -1.39 0.00	17.70 -1.48 0.00	17.72 -1.50 0.00	18.74 -1.59 0.00	21.77 -1.59 0.00	28.12 -1.42 0.00	35.66 -0.95 0.00	40.98 -0.08 0.00	46.74 0.83 0.00	38.31 0.15 0.00	31.40 0.03 0.00	25.86 0.18 0.00
INDECK___CORINTH 23802	23.45 0.86 0.00	21.46 0.86 0.00	19.06 0.80 0.00	18.21 0.75 0.00	21.06 0.81 0.00	23.20 0.83 0.00	25.39 0.72 0.00	23.68 0.64 0.00	20.85 0.37 0.00	18.68 0.24 0.00	19.19 0.23 0.00	19.23 0.25 0.00	19.54 0.21 0.00	19.44 0.27 0.00	19.52 0.31 0.00	20.63 0.31 0.00	23.81 0.44 0.00	30.19 0.65 0.00	37.60 0.99 0.00	42.30 1.23 0.00	47.20 1.28 0.00	39.35 1.18 0.00	32.21 0.85 0.00	26.48 0.80 0.00
INDECK___ILION 23567	22.52 -0.07 0.00	20.57 -0.02 0.00	18.24 -0.02 0.00	17.44 -0.02 0.00	20.19 -0.06 0.00	22.31 -0.07 0.00	24.55 -0.12 0.00	22.92 -0.12 0.00	20.38 -0.10 0.00	18.35 -0.09 0.00	18.87 -0.09 0.00	18.88 -0.09 0.00	19.21 -0.12 0.00	19.06 -0.12 0.00	19.10 -0.12 0.00	20.21 -0.12 0.00	23.22 -0.14 0.00	29.39 -0.15 0.00	36.43 -0.18 0.00	40.86 -0.21 0.00	45.69 -0.23 0.00	38.05 -0.11 0.00	31.27 -0.09 0.00	25.63 -0.05 0.00
INDECK___OLEAN 23982	21.64 -0.95 0.00	19.83 -0.76 0.00	17.91 -0.35 0.00	17.15 -0.31 0.00	19.75 -0.51 0.00	21.55 -0.83 0.00	23.54 -1.13 0.00	21.74 -1.29 0.00	19.48 -1.00 0.00	17.56 -0.89 0.00	17.94 -1.02 0.00	17.90 -1.08 0.00	18.22 -1.10 0.00	17.97 -1.21 0.00	17.89 -1.33 0.00	18.91 -1.42 0.00	21.89 -1.47 0.00	27.77 -1.77 0.00	34.56 -2.05 0.00	39.30 -1.76 0.00	44.58 -1.33 0.00	36.48 -1.68 0.00	29.92 -1.44 0.00	24.91 -0.77 0.00
INDECK___OSWEGO 23783	21.64 -0.95 0.00	19.73 -0.86 0.00	17.56 -0.69 0.00	16.80 -0.66 0.00	19.44 -0.81 0.00	21.39 -0.98 0.00	23.54 -1.13 0.00	21.95 -1.08 0.00	19.50 -0.98 0.00	17.51 -0.94 0.00	18.00 -0.97 0.00	18.03 -0.95 0.00	18.36 -0.97 0.00	18.18 -1.00 0.00	18.21 -1.00 0.00	19.25 -1.08 0.00	22.17 -1.19 0.00	28.15 -1.39 0.00	34.93 -1.68 0.00	39.30 -1.76 0.00	44.13 -1.79 0.00	36.52 -1.64 0.00	30.05 -1.32 0.00	24.65 -1.03 0.00
INDECK___YERKES 23781	21.12 -1.47 0.00	19.23 -1.36 0.00	17.41 -0.84 0.00	16.71 -0.75 0.00	19.24 -1.01 0.00	21.03 -1.34 0.00	22.95 -1.73 0.00	21.12 -1.91 0.00	18.92 -1.56 0.00	16.93 -1.51 0.00	17.33 -1.63 0.00	17.29 -1.69 0.00	17.58 -1.74 0.00	17.35 -1.82 0.00	17.33 -1.88 0.00	18.28 -2.05 0.00	21.14 -2.22 0.00	26.94 -2.60 0.00	33.50 -3.11 0.00	38.03 -3.04 0.00	43.03 -2.89 0.00	35.26 -2.90 0.00	29.08 -2.29 0.00	24.42 -1.26 0.00
INDIAN POINT_GT_1 24139	23.58 0.99 0.00	21.77 1.17 0.00	19.28 1.02 0.00	18.37 0.91 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.59 0.91 0.00	23.95 0.92 0.00	21.44 0.96 0.00	19.42 0.98 0.00	20.01 1.04 0.00	20.06 1.08 0.00	20.44 1.12 0.00	20.35 1.17 0.00	20.39 1.17 0.00	21.61 1.28 0.00	24.69 1.33 0.00	31.13 1.60 0.00	38.40 1.79 0.00	42.67 1.60 0.00	47.71 1.79 0.00	39.65 1.49 0.00	32.56 1.19 0.00	26.66 0.98 0.00
INDIAN POINT_GT_2 23659	23.58 0.99 0.00	21.77 1.17 0.00	19.28 1.02 0.00	18.37 0.91 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.59 0.91 0.00	23.95 0.92 0.00	21.44 0.96 0.00	19.42 0.98 0.00	20.01 1.04 0.00	20.06 1.08 0.00	20.44 1.12 0.00	20.35 1.17 0.00	20.39 1.17 0.00	21.61 1.28 0.00	24.69 1.33 0.00	31.13 1.60 0.00	38.40 1.79 0.00	42.67 1.60 0.00	47.71 1.79 0.00	39.65 1.49 0.00	32.56 1.19 0.00	26.66 0.98 0.00
INDIAN POINT_GT_3 24019	23.58 0.99 0.00	21.77 1.17 0.00	19.28 1.02 0.00	18.37 0.91 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.59 0.91 0.00	23.95 0.92 0.00	21.44 0.96 0.00	19.42 0.98 0.00	20.01 1.04 0.00	20.06 1.08 0.00	20.44 1.12 0.00	20.35 1.17 0.00	20.39 1.17 0.00	21.61 1.28 0.00	24.69 1.33 0.00	31.13 1.60 0.00	38.40 1.79 0.00	42.67 1.60 0.00	47.71 1.79 0.00	39.65 1.49 0.00	32.56 1.19 0.00	26.66 0.98 0.00
INDIAN POINT___2 23530	23.61 1.02 0.00	21.74 1.15 0.00	19.26 1.00 0.00	18.35 0.89 0.00	21.10 0.85 0.00	23.20 0.83 0.00	25.56 0.89 0.00	23.93 0.90 0.00	21.42 0.94 0.00	19.42 0.98 0.00	19.99 1.02 0.00	20.06 1.08 0.00	20.43 1.10 0.00	20.33 1.15 0.00	20.37 1.15 0.00	21.59 1.26 0.00	24.69 1.33 0.00	31.10 1.56 0.00	38.37 1.76 0.00	42.63 1.56 0.00	47.66 1.74 0.00	39.61 1.45 0.00	32.53 1.16 0.00	26.61 0.92 0.00
INDIAN POINT___3 23531	23.56 0.97 0.00	21.75 1.15 0.00	19.26 1.00 0.00	18.37 0.91 0.00	21.10 0.85 0.00	23.20 0.83 0.00	25.57 0.89 0.00	23.95 0.92 0.00	21.42 0.94 0.00	19.42 0.98 0.00	19.99 1.02 0.00	20.06 1.08 0.00	20.43 1.10 0.00	20.33 1.15 0.00	20.37 1.15 0.00	21.59 1.26 0.00	24.67 1.31 0.00	31.10 1.57 0.00	38.37 1.76 0.00	42.63 1.56 0.00	47.66 1.74 0.00	39.61 1.45 0.00	32.52 1.16 0.00	26.63 0.95 0.00
INGHAM_C_115KV_TB7 356103	22.36 -0.23 0.00	20.41 -0.19 0.00	18.09 -0.16 0.00	17.30 -0.16 0.00	20.05 -0.20 0.00	22.15 -0.22 0.00	24.38 -0.30 0.00	22.76 -0.28 0.00	20.21 -0.27 0.00	18.21 -0.24 0.00	18.72 -0.25 0.00	18.73 -0.25 0.00	19.05 -0.27 0.00	18.89 -0.29 0.00	18.93 -0.29 0.00	20.02 -0.30 0.00	23.04 -0.33 0.00	29.12 -0.41 0.00	36.13 -0.48 0.00	40.53 -0.53 0.00	45.32 -0.60 0.00	37.78 -0.38 0.00	31.05 -0.31 0.00	25.48 -0.21 0.00
IP CORINTH___1 23988	23.47 0.88 0.00	21.46 0.86 0.00	19.06 0.80 0.00	18.21 0.75 0.00	21.06 0.81 0.00	23.20 0.83 0.00	25.39 0.72 0.00	23.68 0.64 0.00	20.85 0.37 0.00	18.68 0.24 0.00	19.19 0.23 0.00	19.23 0.25 0.00	19.54 0.21 0.00	19.44 0.27 0.00	19.52 0.31 0.00	20.63 0.30 0.00	23.81 0.44 0.00	30.19 0.65 0.00	37.60 0.99 0.00	42.30 1.23 0.00	47.20 1.29 0.00	39.34 1.18 0.00	32.21 0.85 0.00	26.48 0.80 0.00
IP___TICONDEROGA 23804	24.04 1.45 0.00	21.97 1.38 0.00	19.51 1.26 0.00	18.65 1.19 0.00	21.61 1.36 0.00	23.83 1.45 0.00	25.98 1.31 0.00	24.16 1.13 0.00	21.09 0.61 0.00	18.81 0.37 0.00	19.36 0.40 0.00	19.40 0.42 0.00	19.67 0.35 0.00	19.60 0.42 0.00	19.69 0.48 0.00	20.86 0.53 0.00	24.20 0.84 0.00	30.78 1.24 0.00	38.62 2.01 0.00	43.57 2.51 0.00	48.72 2.80 0.00	40.64 2.48 0.00	33.12 1.76 0.00	27.22 1.54 0.00
ISLIP_RES_REC 323679	27.76 2.08 -3.09	25.35 2.10 -2.66	21.38 1.90 -1.23	20.41 1.75 -1.20	22.66 1.82 -0.58	24.82 1.86 -0.60	27.14 2.00 -0.46	25.50 1.91 -0.55	23.14 1.90 -0.76	21.17 1.83 -0.90	23.53 1.86 -2.71	23.58 1.90 -2.70	24.12 1.95 -2.85	24.66 2.01 -3.47	24.46 2.02 -3.23	25.99 2.24 -3.42	29.76 2.41 -3.99	43.69 3.13 -11.03	45.35 3.55 -5.19	46.66 3.32 -2.27	52.07 3.67 -2.48	44.43 3.09 -3.18	36.50 2.63 -2.50	30.39 2.08 -2.63

JAMAICA__27_KV_LOAD 355505	23.79 1.06 -0.13	21.95 1.36 0.00	19.40 1.15 0.00	18.47 1.01 0.00	21.23 0.97 0.00	23.34 0.96 0.00	25.76 1.09 0.00	24.18 1.15 0.00	21.67 1.19 0.00	19.70 1.25 0.00	20.25 1.29 0.00	20.35 1.37 0.00	20.68 1.35 0.00	20.72 1.46 -0.08	20.67 1.46 0.00	22.03 1.57 -0.14	25.22 1.61 -0.25	32.61 1.71 -1.36	39.54 1.87 -1.06	42.91 1.85 0.00	48.41 1.79 -0.70	40.35 1.53 -0.66	32.85 1.44 -0.04	26.92 1.13 -0.11
JANIS__SOLAR 323808	23.07 0.48 0.00	21.04 0.45 0.00	18.76 0.51 0.00	17.93 0.47 0.00	20.74 0.49 0.00	22.86 0.49 0.00	25.02 0.35 0.00	23.24 0.21 0.00	20.52 0.04 0.00	18.32 -0.13 0.00	18.74 -0.23 0.00	18.71 -0.27 0.00	18.98 -0.35 0.00	18.72 -0.46 0.00	18.79 -0.42 0.00	19.90 -0.43 0.00	23.06 -0.30 0.00	29.57 0.03 0.00	37.09 0.47 0.00	42.05 0.98 0.00	47.43 1.51 0.00	39.19 1.03 0.00	32.15 0.78 0.00	26.32 0.64 0.00
JARVIS____ 23743	22.59 0.00 0.00	20.61 0.02 0.00	18.29 0.04 0.00	17.48 0.02 0.00	20.25 0.00 0.00	22.35 -0.02 0.00	24.63 -0.05 0.00	22.99 -0.05 0.00	20.44 -0.04 0.00	18.41 -0.04 0.00	18.93 -0.04 0.00	18.94 -0.04 0.00	19.29 -0.04 0.00	19.14 -0.04 0.00	19.18 -0.04 0.00	20.29 -0.04 0.00	23.29 -0.07 0.00	29.45 -0.09 0.00	36.50 -0.11 0.00	40.94 -0.12 0.00	45.78 -0.14 0.00	38.09 -0.08 0.00	31.30 -0.06 0.00	25.66 -0.03 0.00
JENNISON____1 23625	23.29 0.70 0.00	21.29 0.70 0.00	18.95 0.69 0.00	18.11 0.65 0.00	20.92 0.67 0.00	23.04 0.67 0.00	25.27 0.59 0.00	23.49 0.46 0.00	20.85 0.37 0.00	18.72 0.28 0.00	19.25 0.28 0.00	19.24 0.27 0.00	19.54 0.21 0.00	19.29 0.12 0.00	19.37 0.15 0.00	20.49 0.16 0.00	23.62 0.26 0.00	30.07 0.53 0.00	37.49 0.88 0.00	42.26 1.19 0.00	47.57 1.65 0.00	39.38 1.22 0.00	32.34 0.97 0.00	26.53 0.85 0.00
JENNISON____2 23626	23.29 0.70 0.00	21.29 0.70 0.00	18.95 0.69 0.00	18.11 0.65 0.00	20.92 0.67 0.00	23.04 0.67 0.00	25.27 0.59 0.00	23.49 0.46 0.00	20.85 0.37 0.00	18.72 0.28 0.00	19.25 0.28 0.00	19.24 0.27 0.00	19.54 0.21 0.00	19.29 0.12 0.00	19.37 0.15 0.00	20.49 0.16 0.00	23.62 0.26 0.00	30.07 0.53 0.00	37.49 0.88 0.00	42.26 1.19 0.00	47.57 1.65 0.00	39.38 1.22 0.00	32.34 0.97 0.00	26.53 0.85 0.00
JERICOHO_RISE_WT_PWR 323719	22.57 -0.02 0.00	20.45 -0.14 0.00	18.07 -0.18 0.00	17.34 -0.12 0.00	20.23 -0.02 0.00	22.42 0.04 0.00	24.90 0.22 0.00	23.33 0.30 0.00	20.73 0.25 0.00	18.63 0.18 0.00	19.17 0.21 0.00	19.11 0.13 0.00	19.48 0.15 0.00	19.29 0.12 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.50 0.14 0.00	29.72 0.18 0.00	37.01 0.40 0.00	41.68 0.62 0.00	46.38 0.46 0.00	38.50 0.34 0.00	31.61 0.25 0.00	25.73 0.05 0.00
KATONAH__115KV_46KV_TB4 355592	23.67 1.08 0.00	21.83 1.24 0.00	19.33 1.08 0.00	18.40 0.94 0.00	21.18 0.93 0.00	23.31 0.94 0.00	25.66 0.99 0.00	24.05 1.01 0.00	21.48 1.00 0.00	19.44 1.00 0.00	20.03 1.06 0.00	20.10 1.12 0.00	20.48 1.16 0.00	20.38 1.21 0.00	20.43 1.21 0.00	21.67 1.34 0.00	24.79 1.43 0.00	31.25 1.71 0.00	38.59 1.98 0.00	42.87 1.81 0.00	47.98 2.07 0.00	39.80 1.64 0.00	32.68 1.32 0.00	26.79 1.10 0.00
KCE_NY_1 323755	23.40 0.81 0.00	21.46 0.86 0.00	19.04 0.78 0.00	18.19 0.73 0.00	21.02 0.77 0.00	23.13 0.76 0.00	25.44 0.77 0.00	23.70 0.67 0.00	20.93 0.45 0.00	18.78 0.33 0.00	19.31 0.34 0.00	19.32 0.34 0.00	19.65 0.33 0.00	19.54 0.36 0.00	19.62 0.40 0.00	20.74 0.41 0.00	23.90 0.54 0.00	30.25 0.71 0.00	37.60 0.99 0.00	42.26 1.19 0.00	47.20 1.28 0.00	39.35 1.18 0.00	32.24 0.88 0.00	26.50 0.82 0.00
KCE_NY_6_ESR 323823	21.33 -1.26 0.00	19.44 -1.15 0.00	17.58 -0.68 0.00	16.87 -0.59 0.00	19.42 -0.83 0.00	21.23 -1.14 0.00	23.20 -1.48 0.00	21.37 -1.66 0.00	19.13 -1.35 0.00	17.15 -1.29 0.00	17.54 -1.42 0.00	17.50 -1.48 0.00	17.82 -1.51 0.00	17.58 -1.59 0.00	17.54 -1.67 0.00	18.50 -1.83 0.00	21.40 -1.96 0.00	27.26 -2.27 0.00	33.90 -2.71 0.00	38.52 -2.55 0.00	43.62 -2.29 0.00	35.72 -2.44 0.00	29.42 -1.94 0.00	24.65 -1.03 0.00
KEDC_PORT_JEFF_GT2 24210	27.32 1.96 -2.76	24.99 2.00 -2.40	21.17 1.81 -1.11	20.20 1.66 -1.08	22.52 1.74 -0.52	24.65 1.75 -0.53	26.97 1.87 -0.42	25.33 1.80 -0.50	22.94 1.78 -0.68	20.99 1.73 -0.81	23.18 1.76 -2.45	23.22 1.80 -2.44	23.75 1.86 -2.57	24.22 1.92 -3.12	24.05 1.92 -2.91	25.51 2.11 -3.07	29.27 2.27 -3.65	42.57 2.92 -10.11	44.36 3.30 -4.45	46.15 3.04 -2.05	51.35 3.35 -2.08	43.67 2.78 -2.72	36.06 2.45 -2.25	29.98 1.95 -2.35
KEDC_PORT_JEFF_GT3 24211	27.32 1.96 -2.76	24.99 2.00 -2.40	21.17 1.81 -1.11	20.20 1.66 -1.08	22.52 1.74 -0.52	24.65 1.75 -0.53	26.97 1.87 -0.42	25.33 1.80 -0.50	22.94 1.78 -0.68	20.99 1.73 -0.81	23.18 1.76 -2.45	23.22 1.80 -2.44	23.75 1.86 -2.57	24.22 1.92 -3.12	24.05 1.92 -2.91	25.51 2.11 -3.07	29.27 2.27 -3.65	42.57 2.92 -10.11	44.36 3.30 -4.45	46.15 3.04 -2.05	51.35 3.35 -2.08	43.67 2.78 -2.72	36.06 2.45 -2.25	29.98 1.95 -2.35
KEDC_GLWD_GT4 24219	39.92 1.47 -15.87	34.88 1.56 -12.72	25.59 1.39 -5.95	24.54 1.26 -5.82	24.00 1.30 -2.45	26.58 1.30 -2.91	28.35 1.41 -2.27	27.12 1.38 -2.71	25.57 1.39 -3.70	24.15 1.38 -4.32	33.36 1.42 -12.97	33.38 1.48 -12.92	34.46 1.51 -13.63	37.85 1.55 -17.12	36.23 1.56 -15.46	39.16 1.67 -17.17	42.82 1.75 -17.70	80.62 2.04 -49.04	73.34 2.31 -34.42	54.12 2.13 -10.92	66.54 2.39 -18.24	61.37 1.98 -21.22	45.31 1.72 -12.22	40.48 1.41 -13.38
KEDC_GLWD_GT5 24220	39.92 1.47 -15.87	34.88 1.56 -12.72	25.59 1.39 -5.95	24.54 1.26 -5.82	24.00 1.30 -2.45	26.58 1.30 -2.91	28.35 1.41 -2.27	27.12 1.38 -2.71	25.57 1.39 -3.70	24.15 1.38 -4.32	33.36 1.42 -12.97	33.38 1.48 -12.92	34.46 1.51 -13.63	37.85 1.55 -17.12	36.23 1.56 -15.46	39.16 1.67 -17.17	42.82 1.75 -17.70	80.62 2.04 -49.04	73.34 2.31 -34.42	54.12 2.13 -10.92	66.54 2.39 -18.24	61.37 1.98 -21.22	45.31 1.72 -12.22	40.48 1.41 -13.38
KENSICO____ 23655	23.65 1.06 0.00	21.83 1.24 0.00	19.33 1.08 0.00	18.44 0.98 0.00	21.18 0.93 0.00	23.29 0.92 0.00	25.66 0.99 0.00	24.05 1.01 0.00	21.52 1.04 0.00	19.52 1.07 0.00	20.08 1.12 0.00	20.16 1.18 0.00	20.52 1.20 0.00	20.44 1.27 0.00	20.48 1.27 0.00	21.71 1.38 0.00	24.79 1.43 0.00	31.28 1.74 0.00	38.55 1.94 0.00	42.79 1.72 0.00	47.85 1.93 0.00	39.76 1.60 0.00	32.68 1.32 0.00	26.74 1.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.74 1.15 0.00	21.89 1.30 0.00	19.39 1.13 0.00	18.47 1.01 0.00	21.27 1.01 0.00	23.42 1.05 0.00	25.79 1.11 0.00	24.12 1.08 0.00	21.50 1.02 0.00	19.39 0.94 0.00	19.93 0.97 0.00	20.00 1.02 0.00	20.37 1.04 0.00	20.27 1.09 0.00	20.31 1.10 0.00	21.57 1.24 0.00	24.69 1.33 0.00	31.25 1.71 0.00	38.66 2.05 0.00	43.08 2.01 0.00	48.17 2.25 0.00	39.92 1.76 0.00	32.78 1.41 0.00	26.92 1.23 0.00

KIAC_JFK_GT1 23816	23.67 0.95 -0.13	21.85 1.26 0.00	19.31 1.06 0.00	18.39 0.93 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.64 0.96 0.00	24.07 1.04 0.00	21.57 1.09 0.00	19.61 1.16 0.00	20.18 1.21 0.00	20.25 1.27 0.00	20.60 1.28 0.00	20.62 1.36 -0.08	20.58 1.36 0.00	21.93 1.46 -0.14	25.11 1.50 -0.25	32.47 1.57 -1.36	39.21 1.54 -1.06	42.50 1.44 0.00	48.00 1.38 -0.70	40.00 1.18 -0.66	32.69 1.29 -0.04	26.79 1.00 -0.11
KIAC_JFK_GT2 23817	23.67 0.95 -0.13	21.85 1.26 0.00	19.31 1.06 0.00	18.39 0.93 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.64 0.96 0.00	24.07 1.04 0.00	21.57 1.09 0.00	19.61 1.16 0.00	20.18 1.21 0.00	20.25 1.27 0.00	20.60 1.28 0.00	20.62 1.36 -0.08	20.58 1.36 0.00	21.93 1.46 -0.14	25.11 1.50 -0.25	32.47 1.57 -1.36	39.21 1.54 -1.06	42.50 1.44 0.00	48.00 1.38 -0.70	40.00 1.18 -0.66	32.69 1.29 -0.04	26.79 1.00 -0.11
KIAC_JFK____ 323774	23.74 1.02 -0.13	21.85 1.26 0.00	19.31 1.06 0.00	18.37 0.91 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.64 0.96 0.00	24.02 0.99 0.00	21.56 1.08 0.00	19.61 1.16 0.00	20.18 1.21 0.00	20.25 1.27 0.00	20.60 1.28 0.00	20.62 1.36 -0.08	20.58 1.36 0.00	21.93 1.46 -0.14	25.11 1.50 -0.25	32.44 1.53 -1.36	39.21 1.54 -1.06	42.50 1.44 0.00	48.00 1.38 -0.70	40.00 1.18 -0.66	32.69 1.29 -0.04	26.63 0.85 -0.11
KINTIGH__24_KV_GSU 356498	21.10 -1.49 0.00	19.17 -1.42 0.00	17.30 -0.95 0.00	16.62 -0.84 0.00	19.18 -1.07 0.00	20.99 -1.39 0.00	23.00 -1.68 0.00	21.21 -1.82 0.00	18.92 -1.56 0.00	16.97 -1.48 0.00	17.41 -1.55 0.00	17.40 -1.58 0.00	17.72 -1.60 0.00	17.49 -1.69 0.00	17.49 -1.73 0.00	18.44 -1.89 0.00	21.31 -2.06 0.00	27.09 -2.45 0.00	33.61 -3.00 0.00	38.03 -3.04 0.00	42.98 -2.94 0.00	35.38 -2.78 0.00	29.14 -2.23 0.00	24.35 -1.34 0.00
KINTIGH____ 23543	21.12 -1.47 0.00	19.17 -1.42 0.00	17.31 -0.95 0.00	16.57 -0.89 0.00	19.18 -1.07 0.00	20.99 -1.39 0.00	23.00 -1.68 0.00	21.19 -1.84 0.00	18.92 -1.56 0.00	16.97 -1.48 0.00	17.41 -1.56 0.00	17.40 -1.58 0.00	17.72 -1.60 0.00	17.49 -1.69 0.00	17.47 -1.75 0.00	18.44 -1.89 0.00	21.31 -2.06 0.00	27.03 -2.51 0.00	33.61 -3.00 0.00	37.99 -3.08 0.00	42.98 -2.94 0.00	35.38 -2.79 0.00	29.14 -2.23 0.00	24.37 -1.31 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.93 0.34 0.00	20.76 0.16 0.00	18.36 0.11 0.00	17.62 0.16 0.00	20.54 0.28 0.00	22.73 0.36 0.00	25.27 0.59 0.00	23.70 0.67 0.00	21.03 0.55 0.00	18.89 0.44 0.00	19.44 0.47 0.00	19.34 0.36 0.00	19.73 0.41 0.00	19.54 0.36 0.00	19.52 0.31 0.00	20.65 0.33 0.00	23.81 0.44 0.00	30.13 0.59 0.00	37.60 0.99 0.00	42.46 1.40 0.00	47.25 1.33 0.00	39.15 0.99 0.00	32.12 0.75 0.00	26.17 0.49 0.00
LACHUTE____HYDRO 323717	24.01 1.42 0.00	21.97 1.38 0.00	19.51 1.26 0.00	18.65 1.19 0.00	21.61 1.36 0.00	23.83 1.45 0.00	25.98 1.31 0.00	24.16 1.13 0.00	21.09 0.61 0.00	18.81 0.37 0.00	19.36 0.40 0.00	19.40 0.42 0.00	19.67 0.35 0.00	19.60 0.42 0.00	19.70 0.48 0.00	20.86 0.53 0.00	24.20 0.84 0.00	30.78 1.24 0.00	38.62 2.01 0.00	43.57 2.51 0.00	48.72 2.80 0.00	40.64 2.48 0.00	33.12 1.76 0.00	27.22 1.54 0.00
LAWRNCV_115KV_TB1 80681	22.23 -0.36 0.00	20.10 -0.49 0.00	17.76 -0.49 0.00	17.04 -0.42 0.00	19.89 -0.36 0.00	22.04 -0.34 0.00	24.58 -0.10 0.00	23.01 -0.02 0.00	20.40 -0.08 0.00	18.30 -0.15 0.00	18.83 -0.13 0.00	18.77 -0.21 0.00	19.13 -0.19 0.00	18.95 -0.23 0.00	18.95 -0.27 0.00	20.04 -0.28 0.00	23.08 -0.28 0.00	29.24 -0.30 0.00	36.50 -0.11 0.00	41.23 0.16 0.00	45.64 -0.28 0.00	38.20 0.04 0.00	31.40 0.03 0.00	25.43 -0.26 0.00
LEDERLE____ 23769	23.63 1.04 0.00	21.81 1.21 0.00	19.33 1.08 0.00	18.42 0.96 0.00	21.18 0.93 0.00	23.29 0.92 0.00	25.64 0.96 0.00	24.02 0.99 0.00	21.48 1.00 0.00	19.48 1.03 0.00	20.03 1.06 0.00	20.10 1.12 0.00	20.48 1.16 0.00	20.38 1.21 0.00	20.43 1.21 0.00	21.65 1.32 0.00	24.76 1.40 0.00	31.22 1.68 0.00	38.51 1.90 0.00	42.83 1.77 0.00	47.89 1.97 0.00	39.76 1.60 0.00	32.65 1.29 0.00	26.74 1.05 0.00
LIGHTHSE_115KV_TB6 355974	22.03 -0.56 0.00	20.04 -0.56 0.00	17.83 -0.42 0.00	17.04 -0.42 0.00	19.77 -0.49 0.00	21.77 -0.60 0.00	23.89 -0.79 0.00	22.25 -0.78 0.00	19.72 -0.76 0.00	17.67 -0.77 0.00	18.19 -0.78 0.00	18.24 -0.74 0.00	18.55 -0.77 0.00	18.35 -0.82 0.00	18.39 -0.83 0.00	19.41 -0.91 0.00	22.36 -1.00 0.00	28.44 -1.09 0.00	35.44 -1.17 0.00	40.00 -1.07 0.00	44.95 -0.96 0.00	37.28 -0.88 0.00	30.71 -0.66 0.00	25.14 -0.54 0.00
LINDEN COGEN____ 23786	23.74 1.15 0.00	21.89 1.30 0.00	19.39 1.13 0.00	18.47 1.01 0.00	21.23 0.97 0.00	23.31 0.94 0.00	25.69 1.01 0.00	24.07 1.04 0.00	21.61 1.13 0.00	19.63 1.18 0.00	20.20 1.23 0.00	20.27 1.29 0.00	20.66 1.33 0.00	20.56 1.38 0.00	20.62 1.40 0.00	21.81 1.48 0.00	24.86 1.50 0.00	31.34 1.80 0.00	38.59 1.98 0.00	42.75 1.68 0.00	47.75 1.84 0.01	39.76 1.60 0.00	32.65 1.29 0.00	26.71 1.03 0.00
LINDHRST_69_KV_BK1 356055	33.14 1.92 -8.63	29.67 2.04 -7.04	23.38 1.81 -3.32	22.37 1.66 -3.25	23.63 1.74 -1.63	25.80 1.79 -1.63	27.90 1.95 -1.27	26.44 1.89 -1.52	24.38 1.82 -2.07	22.63 1.75 -2.43	27.95 1.80 -7.18	27.97 1.84 -7.15	28.74 1.87 -7.54	30.52 1.94 -9.41	29.71 1.94 -8.56	31.82 2.09 -9.39	35.39 2.24 -9.79	58.87 2.87 -26.47	57.61 3.29 -17.71	50.31 3.20 -6.04	58.65 3.54 -9.20	52.01 2.94 -10.91	40.54 2.45 -6.73	35.01 2.03 -7.29
LIPA_MISC_IPP 23656	27.12 1.92 -2.61	24.87 2.00 -2.28	21.13 1.83 -1.05	20.18 1.69 -1.02	22.49 1.74 -0.49	24.62 1.75 -0.51	26.94 1.88 -0.39	25.30 1.80 -0.47	22.91 1.78 -0.64	20.93 1.72 -0.77	23.05 1.76 -2.32	23.09 1.80 -2.31	23.62 1.86 -2.44	24.05 1.92 -2.96	23.90 1.92 -2.77	25.35 2.11 -2.90	29.11 2.27 -3.48	42.17 2.95 -9.68	44.01 3.29 -4.10	46.09 3.08 -1.94	51.16 3.35 -1.89	43.49 2.82 -2.51	35.98 2.48 -2.13	29.88 1.98 -2.22
LISF____SOLAR 323691	27.27 2.01 -2.67	24.95 2.04 -2.32	21.19 1.86 -1.07	20.22 1.71 -1.04	22.54 1.78 -0.51	24.68 1.79 -0.52	27.00 1.93 -0.40	25.33 1.82 -0.48	22.96 1.82 -0.66	20.96 1.73 -0.78	23.12 1.78 -2.37	23.16 1.82 -2.36	23.69 1.87 -2.49	24.13 1.94 -3.02	23.98 1.94 -2.82	25.45 2.15 -2.96	29.20 2.29 -3.54	42.39 3.01 -9.84	44.25 3.41 -4.24	46.21 3.16 -1.98	51.37 3.49 -1.96	43.65 2.90 -2.59	36.08 2.54 -2.18	29.96 2.00 -2.27
LITTLE FALLS____HYD 24013	22.36 -0.23 0.00	20.41 -0.19 0.00	18.09 -0.16 0.00	17.30 -0.16 0.00	20.05 -0.20 0.00	22.15 -0.22 0.00	24.38 -0.30 0.00	22.76 -0.28 0.00	20.21 -0.27 0.00	18.21 -0.24 0.00	18.72 -0.25 0.00	18.73 -0.27 0.00	19.05 -0.29 0.00	18.89 -0.29 0.00	18.93 -0.29 0.00	20.02 -0.30 0.00	23.04 -0.33 0.00	29.12 -0.41 0.00	36.13 -0.48 0.00	40.53 -0.53 0.00	45.32 -0.60 0.00	37.78 -0.38 0.00	31.05 -0.31 0.00	25.48 -0.21 0.00

LITTLRIV_115KV_TB1 356100	22.48 -0.11 0.00	20.30 -0.29 0.00	17.94 -0.31 0.00	17.22 -0.24 0.00	20.11 -0.14 0.00	22.28 -0.09 0.00	24.82 0.15 0.00	23.22 0.18 0.00	20.52 0.04 0.00	18.39 -0.06 0.00	18.93 -0.04 0.00	18.83 -0.15 0.00	19.19 -0.14 0.00	19.00 -0.17 0.00	19.02 -0.19 0.00	20.13 -0.20 0.00	23.20 -0.16 0.00	29.42 -0.12 0.00	36.83 0.22 0.00	41.68 0.62 0.00	46.24 0.32 0.00	38.66 0.50 0.00	31.77 0.41 0.00	25.71 0.03 0.00
LI_NEWBRDGE___DRP 323616	24.40 1.40 -0.41	22.73 1.59 -0.55	19.90 1.42 -0.22	18.98 1.31 -0.21	21.70 1.36 -0.09	23.81 1.34 -0.10	26.21 1.46 -0.07	24.57 1.45 -0.09	22.02 1.41 -0.12	19.99 1.38 -0.16	20.95 1.42 -0.56	21.02 1.48 -0.56	21.40 1.49 -0.59	21.31 1.51 -0.62	21.40 1.52 -0.67	22.48 1.61 -0.54	26.22 1.68 -1.17	34.96 2.07 -3.35	37.93 2.31 0.99	43.66 2.14 -0.46	47.39 2.34 0.86	39.51 1.98 0.64	33.53 1.69 -0.47	27.49 1.44 -0.37
LOCKPORT_115KV_TB60_63_64 80432	20.92 -1.67 0.00	19.01 -1.59 0.00	17.20 -1.06 0.00	16.48 -0.98 0.00	19.06 -1.19 0.00	20.81 -1.57 0.00	22.78 -1.90 0.00	20.94 -2.10 0.00	18.72 -1.76 0.00	16.77 -1.68 0.00	17.16 -1.80 0.00	17.12 -1.86 0.00	17.43 -1.89 0.00	17.20 -1.98 0.00	17.18 -2.04 0.00	18.11 -2.22 0.00	20.96 -2.41 0.00	26.64 -2.89 0.00	33.17 -3.44 0.00	37.62 -3.45 0.00	42.66 -3.26 0.00	34.99 -3.17 0.00	28.82 -2.54 0.00	24.22 -1.46 0.00
LOCKPORT___CC1 323769	20.94 -1.65 0.00	19.05 -1.54 0.00	17.23 -1.02 0.00	16.55 -0.91 0.00	19.08 -1.18 0.00	20.85 -1.52 0.00	22.80 -1.88 0.00	20.98 -2.05 0.00	18.76 -1.72 0.00	16.79 -1.66 0.00	17.18 -1.78 0.00	17.16 -1.82 0.00	17.47 -1.86 0.00	17.22 -1.96 0.00	17.20 -2.02 0.00	18.13 -2.20 0.00	20.98 -2.38 0.00	26.70 -2.84 0.00	33.21 -3.40 0.00	37.66 -3.41 0.00	42.66 -3.26 0.00	34.99 -3.17 0.00	28.85 -2.51 0.00	24.22 -1.46 0.00
LOCKPORT___CC2 323770	20.94 -1.65 0.00	19.05 -1.54 0.00	17.23 -1.02 0.00	16.55 -0.91 0.00	19.08 -1.18 0.00	20.85 -1.52 0.00	22.80 -1.88 0.00	20.98 -2.05 0.00	18.76 -1.72 0.00	16.79 -1.66 0.00	17.18 -1.78 0.00	17.16 -1.82 0.00	17.47 -1.86 0.00	17.22 -1.96 0.00	17.20 -2.02 0.00	18.13 -2.20 0.00	20.98 -2.38 0.00	26.70 -2.84 0.00	33.21 -3.40 0.00	37.66 -3.41 0.00	42.66 -3.26 0.00	34.99 -3.17 0.00	28.85 -2.51 0.00	24.22 -1.46 0.00
LOCKPORT___CC3 323771	20.94 -1.65 0.00	19.05 -1.54 0.00	17.23 -1.02 0.00	16.55 -0.91 0.00	19.08 -1.18 0.00	20.85 -1.52 0.00	22.80 -1.88 0.00	20.98 -2.05 0.00	18.76 -1.72 0.00	16.79 -1.66 0.00	17.18 -1.78 0.00	17.16 -1.82 0.00	17.47 -1.86 0.00	17.22 -1.96 0.00	17.20 -2.02 0.00	18.13 -2.20 0.00	20.98 -2.38 0.00	26.70 -2.84 0.00	33.21 -3.40 0.00	37.66 -3.41 0.00	42.66 -3.26 0.00	34.99 -3.17 0.00	28.85 -2.51 0.00	24.22 -1.46 0.00
LOCUSVLY_69_KV_BK2 55797	36.88 1.51 -12.77	32.56 1.67 -10.30	24.56 1.48 -4.82	23.54 1.36 -4.72	23.68 1.40 -2.03	26.14 1.41 -2.36	28.05 1.53 -1.84	26.75 1.52 -2.20	24.97 1.50 -3.00	23.43 1.48 -3.51	30.99 1.52 -10.50	31.02 1.58 -10.46	31.96 1.60 -11.03	34.65 1.65 -13.83	33.38 1.65 -12.52	35.94 1.77 -13.85	39.59 1.87 -14.36	71.34 2.24 -39.56	66.34 2.53 -27.21	52.28 2.38 -8.84	62.91 2.66 -14.33	57.11 2.18 -16.77	43.12 1.88 -9.87	38.03 1.57 -10.78
LONG_LAKE_PHOENIX 24014	21.71 -0.88 0.00	19.81 -0.78 0.00	17.63 -0.62 0.00	16.85 -0.61 0.00	19.50 -0.75 0.00	21.48 -0.89 0.00	23.62 -1.06 0.00	22.00 -1.04 0.00	19.56 -0.92 0.00	17.56 -0.89 0.00	18.05 -0.91 0.00	18.07 -0.91 0.00	18.40 -0.93 0.00	18.24 -0.94 0.00	18.27 -0.94 0.00	19.31 -1.02 0.00	22.26 -1.10 0.00	28.24 -1.30 0.00	35.07 -1.54 0.00	39.42 -1.64 0.00	44.31 -1.61 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.73 -0.95 0.00
LOVETT___3 23632	23.54 0.95 0.00	21.72 1.13 0.00	19.24 0.99 0.00	18.35 0.89 0.00	21.08 0.83 0.00	23.18 0.81 0.00	25.54 0.86 0.00	23.93 0.90 0.00	21.40 0.92 0.00	19.40 0.96 0.00	19.97 1.01 0.00	20.04 1.06 0.00	20.41 1.08 0.00	20.31 1.13 0.00	20.35 1.13 0.00	21.57 1.24 0.00	24.67 1.31 0.00	31.07 1.54 0.00	38.33 1.72 0.00	42.59 1.52 0.00	47.62 1.70 0.00	39.57 1.41 0.00	32.49 1.13 0.00	26.61 0.92 0.00
LOVETT___4 23642	23.54 0.95 0.00	21.72 1.13 0.00	19.24 0.99 0.00	18.35 0.89 0.00	21.08 0.83 0.00	23.18 0.81 0.00	25.54 0.86 0.00	23.93 0.90 0.00	21.40 0.92 0.00	19.40 0.96 0.00	19.97 1.01 0.00	20.04 1.06 0.00	20.41 1.08 0.00	20.31 1.13 0.00	20.35 1.13 0.00	21.57 1.24 0.00	24.67 1.31 0.00	31.07 1.54 0.00	38.33 1.72 0.00	42.59 1.52 0.00	47.62 1.70 0.00	39.57 1.41 0.00	32.49 1.13 0.00	26.61 0.92 0.00
LOVETT___5 23593	23.54 0.95 0.00	21.72 1.13 0.00	19.24 0.99 0.00	18.35 0.89 0.00	21.08 0.83 0.00	23.18 0.81 0.00	25.54 0.86 0.00	23.93 0.90 0.00	21.40 0.92 0.00	19.40 0.96 0.00	19.97 1.01 0.00	20.04 1.06 0.00	20.41 1.08 0.00	20.31 1.13 0.00	20.35 1.13 0.00	21.57 1.24 0.00	24.67 1.31 0.00	31.07 1.54 0.00	38.33 1.72 0.00	42.59 1.52 0.00	47.62 1.70 0.00	39.57 1.41 0.00	32.49 1.13 0.00	26.61 0.92 0.00
LOWER RAQUET___HYD 24057	22.14 -0.45 0.00	19.99 -0.60 0.00	17.67 -0.58 0.00	16.95 -0.51 0.00	19.81 -0.45 0.00	21.95 -0.43 0.00	24.48 -0.20 0.00	22.92 -0.11 0.00	20.30 -0.18 0.00	18.20 -0.24 0.00	18.74 -0.23 0.00	18.66 -0.32 0.00	19.01 -0.31 0.00	18.83 -0.34 0.00	18.85 -0.37 0.00	19.92 -0.41 0.00	22.97 -0.40 0.00	29.10 -0.44 0.00	36.32 -0.29 0.00	41.07 0.00 0.00	45.50 -0.41 0.00	38.05 -0.11 0.00	31.27 -0.09 0.00	25.32 -0.36 0.00
LOWER___HUDSON 24059	23.13 0.54 0.00	21.25 0.66 0.00	18.84 0.58 0.00	18.00 0.54 0.00	20.76 0.51 0.00	22.82 0.45 0.00	25.20 0.52 0.00	23.52 0.48 0.00	20.81 0.33 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.24 0.27 0.00	19.57 0.25 0.00	19.46 0.29 0.00	19.54 0.33 0.00	20.65 0.32 0.00	23.74 0.37 0.00	29.95 0.41 0.00	37.12 0.51 0.00	41.76 0.70 0.00	46.51 0.60 0.00	38.73 0.57 0.00	31.84 0.47 0.00	26.15 0.46 0.00
LOWVILLE_115KV_TB2 356335	22.54 -0.05 0.00	20.30 -0.29 0.00	18.00 -0.26 0.00	17.23 -0.23 0.00	20.21 -0.04 0.00	22.31 -0.07 0.00	24.55 -0.12 0.00	22.89 -0.14 0.00	20.23 -0.25 0.00	18.09 -0.35 0.00	18.60 -0.36 0.00	18.60 -0.38 0.00	18.92 -0.41 0.00	18.70 -0.48 0.00	18.75 -0.46 0.00	19.82 -0.51 0.00	22.87 -0.49 0.00	29.12 -0.41 0.00	36.43 -0.18 0.00	41.23 0.16 0.00	46.24 0.32 0.00	38.43 0.27 0.00	31.58 0.22 0.00	25.76 0.08 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.43 0.84 0.00	21.46 0.86 0.00	19.04 0.78 0.00	18.18 0.72 0.00	21.00 0.75 0.00	23.13 0.76 0.00	25.42 0.74 0.00	23.70 0.67 0.00	20.91 0.43 0.00	18.78 0.33 0.00	19.29 0.32 0.00	19.32 0.34 0.00	19.65 0.33 0.00	19.54 0.36 0.00	19.62 0.40 0.00	20.74 0.41 0.00	23.90 0.54 0.00	30.22 0.68 0.00	37.56 0.95 0.00	42.26 1.19 0.00	47.16 1.24 0.00	39.31 1.14 0.00	32.24 0.88 0.00	26.45 0.77 0.00

LUTHERNY_35_KV_BK2 355980	23.43 0.84 0.00	21.46 0.86 0.00	19.04 0.78 0.00	18.19 0.73 0.00	21.02 0.77 0.00	23.13 0.76 0.00	25.44 0.76 0.00	23.70 0.67 0.00	20.93 0.45 0.00	18.78 0.33 0.00	19.31 0.34 0.00	19.32 0.34 0.00	19.65 0.33 0.00	19.54 0.36 0.00	19.62 0.40 0.00	20.74 0.41 0.00	23.90 0.54 0.00	30.25 0.71 0.00	37.60 0.99 0.00	42.30 1.23 0.00	47.20 1.29 0.00	39.34 1.18 0.00	32.24 0.88 0.00	26.48 0.80 0.00
LWR___OSWEGATCHIE_HYD 23850	22.12 -0.47 0.00	19.95 -0.64 0.00	17.65 -0.60 0.00	16.92 -0.54 0.00	19.79 -0.47 0.00	21.88 -0.49 0.00	24.26 -0.42 0.00	22.66 -0.37 0.00	20.03 -0.45 0.00	17.93 -0.52 0.00	18.45 -0.51 0.00	18.41 -0.57 0.00	18.74 -0.58 0.00	18.54 -0.63 0.00	18.56 -0.65 0.00	19.64 -0.69 0.00	22.64 -0.72 0.00	28.77 -0.77 0.00	35.99 -0.62 0.00	40.70 -0.37 0.00	45.37 -0.55 0.00	37.86 -0.31 0.00	31.11 -0.25 0.00	25.27 -0.41 0.00
LYONS_FALL_HYD 23570	22.64 0.05 0.00	20.49 -0.10 0.00	18.18 -0.07 0.00	17.39 -0.07 0.00	20.29 0.04 0.00	22.42 0.04 0.00	24.65 -0.02 0.00	22.99 -0.05 0.00	20.36 -0.12 0.00	18.24 -0.20 0.00	18.76 -0.21 0.00	18.75 -0.23 0.00	19.07 -0.25 0.00	18.85 -0.33 0.00	18.93 -0.29 0.00	20.00 -0.33 0.00	23.06 -0.30 0.00	29.33 -0.21 0.00	36.61 0.00 0.00	41.31 0.25 0.00	46.33 0.41 0.00	38.50 0.34 0.00	31.61 0.25 0.00	25.84 0.16 0.00
MADISON___COUNTY_LFGE 323628	22.84 0.25 0.00	20.80 0.21 0.00	18.49 0.24 0.00	17.67 0.21 0.00	20.48 0.22 0.00	22.60 0.22 0.00	24.82 0.15 0.00	23.12 0.09 0.00	20.52 0.04 0.00	18.41 -0.04 0.00	18.93 -0.04 0.00	18.94 -0.04 0.00	19.27 -0.06 0.00	19.04 -0.13 0.00	19.12 -0.10 0.00	20.21 -0.12 0.00	23.32 -0.05 0.00	29.63 0.09 0.00	36.87 0.26 0.00	41.52 0.45 0.00	46.65 0.73 0.00	38.70 0.53 0.00	31.80 0.44 0.00	26.04 0.36 0.00
MALONE___115KV_TB1 356076	22.73 0.14 0.00	20.57 -0.02 0.00	18.20 -0.05 0.00	17.46 0.00 0.00	20.35 0.10 0.00	22.53 0.16 0.00	25.07 0.39 0.00	23.54 0.51 0.00	20.89 0.41 0.00	18.72 0.28 0.00	19.29 0.32 0.00	19.17 0.19 0.00	19.54 0.21 0.00	19.37 0.19 0.00	19.35 0.13 0.00	20.47 0.14 0.00	23.57 0.21 0.00	29.86 0.32 0.00	37.27 0.66 0.00	42.13 1.07 0.00	46.84 0.92 0.00	38.89 0.73 0.00	31.90 0.53 0.00	25.96 0.28 0.00
MAPLEWOD_115KV_TB3 80458	23.04 0.45 0.00	21.11 0.51 0.00	18.73 0.47 0.00	17.88 0.42 0.00	20.64 0.38 0.00	22.71 0.34 0.00	25.02 0.35 0.00	23.33 0.30 0.00	20.71 0.23 0.00	18.65 0.20 0.00	19.17 0.21 0.00	19.19 0.21 0.00	19.52 0.19 0.00	19.41 0.23 0.00	19.48 0.27 0.00	20.59 0.26 0.00	23.67 0.30 0.00	29.86 0.32 0.00	36.94 0.33 0.00	41.48 0.41 0.00	46.19 0.28 0.00	38.51 0.34 0.00	31.65 0.28 0.00	25.99 0.31 0.00
MAPLE_RIDGE_WT_1 323574	22.43 -0.16 0.00	20.45 -0.14 0.00	18.15 -0.11 0.00	17.37 -0.09 0.00	20.15 -0.10 0.00	22.26 -0.11 0.00	24.58 -0.10 0.00	22.96 -0.07 0.00	20.42 -0.06 0.00	18.39 -0.06 0.00	18.91 -0.06 0.00	18.90 -0.08 0.00	19.25 -0.08 0.00	19.10 -0.08 0.00	19.12 -0.10 0.00	20.23 -0.10 0.00	23.25 -0.12 0.00	29.39 -0.15 0.00	36.47 -0.15 0.00	40.94 -0.12 0.00	45.73 -0.18 0.00	38.05 -0.11 0.00	31.24 -0.12 0.00	25.58 -0.10 0.00
MAPLE_RIDGE_WT_2 323611	22.43 -0.16 0.00	20.45 -0.14 0.00	18.15 -0.11 0.00	17.37 -0.09 0.00	20.15 -0.10 0.00	22.26 -0.11 0.00	24.58 -0.10 0.00	22.96 -0.07 0.00	20.42 -0.06 0.00	18.39 -0.06 0.00	18.91 -0.06 0.00	18.90 -0.08 0.00	19.25 -0.08 0.00	19.10 -0.08 0.00	19.12 -0.10 0.00	20.23 -0.10 0.00	23.25 -0.12 0.00	29.39 -0.15 0.00	36.47 -0.15 0.00	40.94 -0.12 0.00	45.73 -0.18 0.00	38.05 -0.11 0.00	31.24 -0.12 0.00	25.58 -0.10 0.00
MARBLE_RIVER_WT_PWR 323696	22.61 0.02 0.00	20.49 -0.10 0.00	18.13 -0.13 0.00	17.37 -0.09 0.00	20.27 0.02 0.00	22.44 0.07 0.00	24.92 0.25 0.00	23.35 0.32 0.00	20.75 0.27 0.00	18.65 0.20 0.00	19.19 0.23 0.00	19.13 0.15 0.00	19.50 0.17 0.00	19.33 0.15 0.00	19.33 0.12 0.00	20.43 0.10 0.00	23.53 0.16 0.00	29.77 0.24 0.00	37.05 0.44 0.00	41.72 0.66 0.00	46.42 0.51 0.00	38.58 0.42 0.00	31.65 0.28 0.00	25.79 0.10 0.00
MARSHVLE_115KV_TB1 80742	23.90 1.31 0.00	21.85 1.26 0.00	19.40 1.15 0.00	18.53 1.07 0.00	21.47 1.22 0.00	23.65 1.28 0.00	25.86 1.18 0.00	24.02 0.99 0.00	21.11 0.63 0.00	18.81 0.37 0.00	19.33 0.36 0.00	19.28 0.30 0.00	19.58 0.25 0.00	19.44 0.27 0.00	19.48 0.27 0.00	20.59 0.26 0.00	23.76 0.40 0.00	30.31 0.77 0.00	38.19 1.57 0.00	43.32 2.26 0.00	48.67 2.76 0.00	40.45 2.29 0.00	33.21 1.85 0.00	27.25 1.57 0.00
MARSH_HILL_WT_PWR 323713	21.96 -0.63 0.00	20.06 -0.54 0.00	18.04 -0.22 0.00	17.29 -0.17 0.00	19.95 -0.30 0.00	21.88 -0.49 0.00	23.94 -0.74 0.00	22.09 -0.95 0.00	19.60 -0.88 0.00	17.54 -0.90 0.00	17.96 -1.01 0.00	17.92 -1.06 0.00	18.24 -1.08 0.00	18.01 -1.17 0.00	17.98 -1.23 0.00	19.01 -1.32 0.00	21.98 -1.38 0.00	28.09 -1.45 0.00	35.18 -1.43 0.00	40.16 -0.90 0.00	45.55 -0.37 0.00	37.44 -0.73 0.00	30.70 -0.66 0.00	25.27 -0.41 0.00
MCINTYRE_115KV_TB2 80467	22.70 0.11 0.00	20.51 -0.08 0.00	18.13 -0.13 0.00	17.39 -0.07 0.00	20.31 0.06 0.00	22.53 0.16 0.00	25.10 0.42 0.00	23.42 0.39 0.00	20.71 0.23 0.00	18.54 0.09 0.00	19.06 0.09 0.00	18.96 -0.02 0.00	19.34 0.02 0.00	19.14 -0.04 0.00	19.16 -0.06 0.00	20.29 -0.04 0.00	23.39 0.02 0.00	29.66 0.12 0.00	37.16 0.55 0.00	42.09 1.03 0.00	46.74 0.83 0.00	39.08 0.92 0.00	32.12 0.75 0.00	25.99 0.31 0.00
MECO_____69_KV_BK1 80468	24.01 1.42 0.00	21.95 1.36 0.00	19.51 1.26 0.00	18.63 1.17 0.00	21.59 1.34 0.00	23.78 1.41 0.00	26.03 1.36 0.00	24.21 1.17 0.00	21.24 0.76 0.00	18.91 0.46 0.00	19.44 0.47 0.00	19.43 0.46 0.00	19.73 0.41 0.00	19.64 0.46 0.00	19.68 0.46 0.00	20.80 0.47 0.00	24.04 0.68 0.00	30.69 1.15 0.00	38.59 1.98 0.00	43.61 2.55 0.00	48.86 2.94 0.00	40.68 2.52 0.00	33.31 1.94 0.00	27.35 1.67 0.00
MENANDS___115KV_TB5 355628	22.93 0.34 0.00	21.04 0.45 0.00	18.66 0.40 0.00	17.81 0.35 0.00	20.56 0.30 0.00	22.60 0.22 0.00	24.92 0.25 0.00	23.24 0.21 0.00	20.64 0.16 0.00	18.59 0.15 0.00	19.12 0.15 0.00	19.13 0.15 0.00	19.48 0.15 0.00	19.37 0.19 0.00	19.43 0.21 0.00	20.53 0.20 0.00	23.60 0.23 0.00	29.74 0.21 0.00	36.76 0.15 0.00	41.23 0.16 0.00	45.92 0.00 0.00	38.28 0.11 0.00	31.49 0.13 0.00	25.86 0.18 0.00
MG INDUSTRY___DRP 24185	22.97 0.38 0.00	21.07 0.47 0.00	18.69 0.44 0.00	17.84 0.38 0.00	20.60 0.34 0.00	22.66 0.29 0.00	24.95 0.27 0.00	23.26 0.23 0.00	20.62 0.14 0.00	18.56 0.11 0.00	19.08 0.11 0.00	19.09 0.11 0.00	19.44 0.12 0.00	19.31 0.13 0.00	19.37 0.15 0.00	20.49 0.16 0.00	23.55 0.19 0.00	29.74 0.21 0.00	36.83 0.22 0.00	41.31 0.25 0.00	46.10 0.18 0.00	38.43 0.27 0.00	31.58 0.22 0.00	25.96 0.28 0.00

MID___OSWEGATCHIE_HYD 23849	22.12 -0.47 0.00	19.95 -0.64 0.00	17.65 -0.60 0.00	16.92 -0.54 0.00	19.79 -0.47 0.00	21.88 -0.49 0.00	24.26 -0.42 0.00	22.66 -0.37 0.00	20.03 -0.45 0.00	17.93 -0.52 0.00	18.45 -0.51 0.00	18.41 -0.57 0.00	18.74 -0.58 0.00	18.54 -0.63 0.00	18.56 -0.65 0.00	19.64 -0.69 0.00	22.64 -0.72 0.00	28.77 -0.77 0.00	35.99 -0.62 0.00	40.70 -0.37 0.00	45.37 -0.55 0.00	37.86 -0.31 0.00	31.11 -0.25 0.00	25.27 -0.41 0.00
MID___RAQUETTE_HYD 23851	22.14 -0.45 0.00	19.99 -0.60 0.00	17.67 -0.58 0.00	16.95 -0.51 0.00	19.81 -0.45 0.00	21.95 -0.43 0.00	24.48 -0.20 0.00	22.92 -0.12 0.00	20.30 -0.18 0.00	18.21 -0.24 0.00	18.74 -0.23 0.00	18.66 -0.32 0.00	19.01 -0.31 0.00	18.83 -0.35 0.00	18.85 -0.37 0.00	19.92 -0.41 0.00	22.97 -0.40 0.00	29.09 -0.44 0.00	36.32 -0.29 0.00	41.07 0.00 0.00	45.50 -0.41 0.00	38.05 -0.11 0.00	31.27 -0.09 0.00	25.32 -0.36 0.00
MILLIKEN___1 23584	22.52 -0.07 0.00	20.57 -0.02 0.00	18.33 0.07 0.00	17.51 0.05 0.00	20.23 -0.02 0.00	22.28 -0.09 0.00	24.48 -0.20 0.00	22.78 -0.25 0.00	20.21 -0.27 0.00	18.11 -0.33 0.00	18.59 -0.38 0.00	18.58 -0.40 0.00	18.90 -0.43 0.00	18.70 -0.48 0.00	18.73 -0.48 0.00	19.84 -0.49 0.00	22.90 -0.47 0.00	29.15 -0.38 0.00	36.35 -0.26 0.00	40.98 -0.08 0.00	46.19 0.28 0.00	38.16 0.00 0.00	31.33 -0.03 0.00	25.68 0.00 0.00
MILLIKEN___2 23585	22.52 -0.07 0.00	20.57 -0.02 0.00	18.33 0.07 0.00	17.51 0.05 0.00	20.23 -0.02 0.00	22.28 -0.09 0.00	24.48 -0.20 0.00	22.78 -0.25 0.00	20.21 -0.27 0.00	18.11 -0.33 0.00	18.59 -0.38 0.00	18.58 -0.40 0.00	18.90 -0.43 0.00	18.70 -0.48 0.00	18.73 -0.48 0.00	19.84 -0.49 0.00	22.90 -0.47 0.00	29.15 -0.38 0.00	36.35 -0.26 0.00	40.98 -0.08 0.00	46.19 0.28 0.00	38.16 0.00 0.00	31.33 -0.03 0.00	25.68 0.00 0.00
MILLIKEN___DIESEL 23629	22.52 -0.07 0.00	20.57 -0.02 0.00	18.33 0.07 0.00	17.51 0.05 0.00	20.23 -0.02 0.00	22.28 -0.09 0.00	24.48 -0.20 0.00	22.78 -0.25 0.00	20.21 -0.27 0.00	18.11 -0.33 0.00	18.59 -0.38 0.00	18.58 -0.40 0.00	18.90 -0.43 0.00	18.70 -0.48 0.00	18.73 -0.48 0.00	19.84 -0.49 0.00	22.90 -0.47 0.00	29.15 -0.38 0.00	36.35 -0.26 0.00	40.98 -0.08 0.00	46.19 0.28 0.00	38.16 0.00 0.00	31.33 -0.03 0.00	25.68 0.00 0.00
MILLSEAT___LFGE 323607	21.33 -1.26 0.00	19.38 -1.21 0.00	17.52 -0.73 0.00	16.87 -0.59 0.00	19.42 -0.83 0.00	21.21 -1.16 0.00	23.30 -1.38 0.00	21.47 -1.57 0.00	19.07 -1.41 0.00	17.04 -1.40 0.00	17.47 -1.50 0.00	17.42 -1.56 0.00	17.76 -1.56 0.00	17.51 -1.67 0.00	17.50 -1.71 0.00	18.46 -1.87 0.00	21.42 -1.94 0.00	27.32 -2.22 0.00	34.09 -2.53 0.00	38.73 -2.34 0.00	43.94 -1.97 0.00	36.03 -2.14 0.00	29.64 -1.73 0.00	24.76 -0.92 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.61 1.02 0.00	21.79 1.19 0.00	19.29 1.04 0.00	18.39 0.93 0.00	21.14 0.89 0.00	23.25 0.87 0.00	25.61 0.94 0.00	24.00 0.97 0.00	21.46 0.98 0.00	19.46 1.01 0.00	20.03 1.06 0.00	20.10 1.12 0.00	20.46 1.14 0.00	20.37 1.19 0.00	20.41 1.19 0.00	21.63 1.30 0.00	24.74 1.38 0.00	31.19 1.65 0.00	38.44 1.83 0.00	42.71 1.64 0.00	47.75 1.84 0.00	39.69 1.53 0.00	32.59 1.22 0.00	26.68 1.00 0.00
MILLWOOD_13_KV_LOAD 356217	23.65 1.06 0.00	21.81 1.21 0.00	19.31 1.06 0.00	18.40 0.94 0.00	21.16 0.91 0.00	23.27 0.89 0.00	25.64 0.96 0.00	24.02 0.99 0.00	21.48 1.00 0.00	19.46 1.01 0.00	20.05 1.08 0.00	20.12 1.14 0.00	20.48 1.16 0.00	20.40 1.23 0.00	20.44 1.23 0.00	21.67 1.34 0.00	24.76 1.40 0.00	31.22 1.68 0.00	38.51 1.90 0.00	42.79 1.72 0.00	47.85 1.93 0.00	39.73 1.56 0.00	32.65 1.29 0.00	26.74 1.05 0.00
MODEL_CITY_ENERGY 24167	20.72 -1.87 0.00	18.84 -1.75 0.00	17.05 -1.21 0.00	16.38 -1.08 0.00	18.88 -1.38 0.00	20.63 -1.75 0.00	22.55 -2.12 0.00	20.75 -2.28 0.00	18.58 -1.90 0.00	16.62 -1.83 0.00	17.01 -1.95 0.00	16.99 -1.99 0.00	17.30 -2.03 0.00	17.07 -2.11 0.00	17.04 -2.17 0.00	17.97 -2.36 0.00	20.77 -2.59 0.00	26.44 -3.10 0.00	32.84 -3.77 0.00	37.25 -3.82 0.00	42.15 -3.76 0.00	34.61 -3.55 0.00	28.54 -2.82 0.00	23.99 -1.70 0.00
MODERN_LFGE___ 323580	20.72 -1.87 0.00	18.84 -1.75 0.00	17.05 -1.21 0.00	16.38 -1.08 0.00	18.88 -1.38 0.00	20.63 -1.75 0.00	22.55 -2.12 0.00	20.75 -2.28 0.00	18.58 -1.90 0.00	16.62 -1.83 0.00	17.01 -1.95 0.00	16.99 -1.99 0.00	17.30 -2.03 0.00	17.07 -2.11 0.00	17.04 -2.17 0.00	17.97 -2.36 0.00	20.77 -2.59 0.00	26.44 -3.10 0.00	32.84 -3.77 0.00	37.25 -3.82 0.00	42.15 -3.76 0.00	34.61 -3.55 0.00	28.54 -2.82 0.00	23.99 -1.70 0.00
MOHAWK_PAPER___DRP 24187	23.04 0.45 0.00	21.11 0.51 0.00	18.73 0.47 0.00	17.88 0.42 0.00	20.64 0.38 0.00	22.71 0.34 0.00	25.02 0.35 0.00	23.33 0.30 0.00	20.71 0.23 0.00	18.65 0.20 0.00	19.17 0.21 0.00	19.19 0.21 0.00	19.52 0.19 0.00	19.41 0.23 0.00	19.48 0.27 0.00	20.59 0.26 0.00	23.67 0.30 0.00	29.86 0.32 0.00	36.94 0.33 0.00	41.48 0.41 0.00	46.19 0.28 0.00	38.51 0.34 0.00	31.65 0.28 0.00	25.99 0.31 0.00
MOHICAN__35_KV_115KV_LD 80490	23.54 0.95 0.00	21.54 0.95 0.00	19.11 0.86 0.00	18.26 0.80 0.00	21.12 0.87 0.00	23.27 0.89 0.00	25.49 0.81 0.00	23.75 0.71 0.00	20.91 0.43 0.00	18.72 0.28 0.00	19.25 0.28 0.00	19.26 0.28 0.00	19.59 0.27 0.00	19.48 0.31 0.00	19.56 0.35 0.00	20.67 0.35 0.00	23.88 0.51 0.00	30.28 0.74 0.00	37.71 1.10 0.00	42.46 1.40 0.00	47.39 1.47 0.00	39.50 1.34 0.00	32.34 0.97 0.00	26.56 0.87 0.00
MONGAUP___HYD 23641	23.56 0.97 0.00	21.66 1.07 0.00	19.18 0.93 0.00	18.28 0.82 0.00	21.08 0.83 0.00	23.22 0.85 0.00	25.54 0.86 0.00	23.82 0.78 0.00	21.22 0.74 0.00	19.09 0.65 0.00	19.63 0.66 0.00	19.68 0.70 0.00	20.04 0.72 0.00	19.92 0.75 0.00	19.98 0.77 0.00	21.20 0.87 0.00	24.32 0.96 0.00	30.81 1.27 0.00	38.15 1.54 0.00	42.63 1.56 0.00	47.66 1.74 0.00	39.53 1.37 0.00	32.46 1.10 0.00	26.63 0.95 0.00
MONTAUK___DIESEL 23721	27.50 2.28 -2.63	25.19 2.31 -2.29	21.39 2.08 -1.05	20.46 1.97 -1.03	22.80 2.05 -0.50	24.96 2.08 -0.51	27.29 2.22 -0.40	25.62 2.12 -0.47	23.28 2.15 -0.65	21.30 2.08 -0.77	23.48 2.18 -2.34	23.56 2.26 -2.33	24.14 2.36 -2.45	24.59 2.44 -2.98	24.44 2.44 -2.78	25.95 2.70 -2.92	29.81 2.94 -3.50	43.16 3.90 -9.73	45.26 4.50 -4.15	47.37 4.35 -1.96	52.47 4.64 -1.92	44.55 3.85 -2.53	36.71 3.20 -2.15	30.49 2.57 -2.24
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.80 -0.79 0.00	19.97 -0.62 0.00	18.05 -0.20 0.00	17.29 -0.17 0.00	19.93 -0.32 0.00	21.77 -0.60 0.00	23.79 -0.89 0.00	21.90 -1.13 0.00	19.68 -0.80 0.00	17.67 -0.77 0.00	18.04 -0.93 0.00	17.97 -1.01 0.00	18.28 -1.04 0.00	18.03 -1.15 0.00	17.95 -1.27 0.00	18.95 -1.38 0.00	21.98 -1.38 0.00	27.97 -1.57 0.00	34.89 -1.72 0.00	39.67 -1.40 0.00	44.95 -0.96 0.00	36.67 -1.49 0.00	30.11 -1.25 0.00	25.19 -0.49 0.00

MORRIS_RIDGE___SOLAR 323848	21.69 -0.90 0.00	19.81 -0.78 0.00	17.82 -0.44 0.00	17.08 -0.38 0.00	19.71 -0.55 0.00	21.57 -0.80 0.00	23.57 -1.11 0.00	21.70 -1.34 0.00	19.25 -1.23 0.00	17.25 -1.20 0.00	17.66 -1.31 0.00	17.61 -1.37 0.00	17.93 -1.39 0.00	17.72 -1.46 0.00	17.70 -1.52 0.00	18.68 -1.65 0.00	21.61 -1.75 0.00	27.50 -2.04 0.00	34.38 -2.23 0.00	39.26 -1.81 0.00	44.58 -1.33 0.00	36.63 -1.53 0.00	30.11 -1.26 0.00	24.96 -0.72 0.00
MORTIMER_115KV_TB3 55949	21.53 -1.06 0.00	19.54 -1.05 0.00	17.58 -0.68 0.00	16.85 -0.61 0.00	19.48 -0.77 0.00	21.34 -1.03 0.00	23.49 -1.18 0.00	21.74 -1.29 0.00	19.31 -1.17 0.00	17.32 -1.13 0.00	17.79 -1.18 0.00	17.80 -1.18 0.00	18.15 -1.18 0.00	17.91 -1.27 0.00	17.93 -1.29 0.00	18.95 -1.38 0.00	21.91 -1.45 0.00	27.82 -1.71 0.00	34.60 -2.01 0.00	39.09 -1.97 0.00	44.17 -1.74 0.00	36.41 -1.76 0.00	29.92 -1.44 0.00	24.81 -0.87 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.79 1.20 0.00	21.97 1.38 0.00	19.44 1.19 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.79 1.11 0.00	24.18 1.15 0.00	21.67 1.19 0.00	19.64 1.20 0.00	20.22 1.25 0.00	20.29 1.31 0.00	20.68 1.35 0.00	20.58 1.40 0.00	20.64 1.42 0.00	21.85 1.52 0.00	24.93 1.57 0.00	31.46 1.92 0.00	38.73 2.12 0.00	43.00 1.93 0.00	48.03 2.11 0.00	39.92 1.76 0.00	32.81 1.44 0.00	26.86 1.18 0.00
MUNSVILLE_WIND_PWR 323609	23.81 1.22 0.00	21.70 1.11 0.00	19.35 1.10 0.00	18.47 1.01 0.00	21.37 1.11 0.00	23.58 1.21 0.00	25.74 1.06 0.00	23.91 0.88 0.00	21.09 0.61 0.00	18.85 0.41 0.00	19.34 0.38 0.00	19.32 0.34 0.00	19.57 0.25 0.00	19.23 0.06 0.00	19.37 0.15 0.00	20.47 0.14 0.00	23.71 0.35 0.00	30.36 0.83 0.00	38.15 1.54 0.00	43.24 2.18 0.00	48.90 2.98 0.00	40.41 2.25 0.00	33.18 1.82 0.00	27.15 1.46 0.00
N SALMON___HYD 24042	22.73 0.14 0.00	20.57 -0.02 0.00	18.20 -0.05 0.00	17.46 0.00 0.00	20.35 0.10 0.00	22.53 0.16 0.00	25.07 0.39 0.00	23.54 0.51 0.00	20.89 0.41 0.00	18.72 0.28 0.00	19.29 0.32 0.00	19.17 0.19 0.00	19.54 0.21 0.00	19.37 0.19 0.00	19.35 0.14 0.00	20.47 0.14 0.00	23.57 0.21 0.00	29.86 0.33 0.00	37.27 0.66 0.00	42.13 1.07 0.00	46.83 0.92 0.00	38.88 0.72 0.00	31.90 0.53 0.00	25.97 0.28 0.00
N.AKRON__115KV_KNAPP 355671	21.30 -1.29 0.00	19.34 -1.26 0.00	17.51 -0.75 0.00	16.78 -0.68 0.00	19.40 -0.85 0.00	21.16 -1.21 0.00	23.25 -1.43 0.00	21.40 -1.64 0.00	19.05 -1.43 0.00	17.04 -1.40 0.00	17.45 -1.52 0.00	17.42 -1.56 0.00	17.74 -1.58 0.00	17.49 -1.69 0.00	17.47 -1.75 0.00	18.44 -1.89 0.00	21.38 -1.99 0.00	27.20 -2.33 0.00	33.97 -2.64 0.00	38.56 -2.51 0.00	43.80 -2.11 0.00	35.91 -2.25 0.00	29.55 -1.82 0.00	24.71 -0.98 0.00
N.E_GEN_SANDY PD 24062	23.10 0.56 0.06	21.50 0.74 -0.17	20.10 0.68 -1.17	20.00 0.61 -1.93	20.80 0.55 0.00	22.82 0.45 0.00	25.29 0.62 0.00	23.61 0.58 0.00	20.89 0.41 0.00	18.83 0.39 0.00	19.32 0.36 0.00	19.32 0.34 0.00	19.67 0.35 0.00	19.51 0.36 0.03	19.62 0.40 0.00	20.67 0.39 0.04	23.71 0.42 0.08	29.28 0.41 0.67	36.53 0.44 0.52	41.76 0.70 0.00	46.08 0.51 0.34	38.33 0.49 0.32	31.82 0.47 0.01	26.10 0.46 0.04
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.56 0.97 0.00	21.75 1.15 0.00	19.28 1.02 0.00	18.37 0.91 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.57 0.89 0.00	23.95 0.92 0.00	21.42 0.94 0.00	19.42 0.98 0.00	19.97 1.01 0.00	20.04 1.06 0.00	20.43 1.10 0.00	20.33 1.15 0.00	20.37 1.15 0.00	21.59 1.26 0.00	24.69 1.33 0.00	31.13 1.60 0.00	38.37 1.76 0.00	42.67 1.60 0.00	47.71 1.79 0.00	39.61 1.45 0.00	32.52 1.16 0.00	26.66 0.98 0.00
N.QUEENS_27_KV_LOAD 356247	23.91 1.22 -0.10	22.03 1.44 0.00	19.51 1.26 0.00	18.60 1.13 0.00	21.39 1.13 0.00	23.31 0.94 0.00	25.61 0.94 0.00	24.14 1.11 0.00	21.75 1.27 0.00	19.76 1.33 0.02	20.35 1.38 0.00	20.42 1.44 0.00	20.76 1.45 0.02	20.76 1.53 -0.05	20.72 1.52 0.02	22.05 1.65 -0.07	25.18 1.68 -0.13	32.69 1.98 -1.18	39.72 2.20 -0.91	42.95 1.89 0.00	48.50 1.97 -0.61	40.37 1.64 -0.57	33.05 1.66 -0.02	26.86 1.10 -0.08
N.TROY___115KV_TB1 355778	23.18 0.59 0.00	21.25 0.66 0.00	18.84 0.58 0.00	18.00 0.54 0.00	20.76 0.51 0.00	22.82 0.45 0.00	25.19 0.52 0.00	23.49 0.46 0.00	20.81 0.33 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.24 0.27 0.00	19.58 0.25 0.00	19.46 0.29 0.00	19.54 0.33 0.00	20.65 0.33 0.00	23.74 0.37 0.00	29.95 0.41 0.00	37.12 0.51 0.00	41.76 0.70 0.00	46.51 0.60 0.00	38.73 0.57 0.00	31.83 0.47 0.00	26.12 0.44 0.00
NARROWS_GT1_1 24228	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT1_2 24229	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT1_3 24230	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT1_4 24231	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT1_5 24232	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01

NARROWS_GT1_6 24233	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT1_7 24234	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT1_8 24235	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT2_1 24236	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT2_2 24237	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT2_3 24238	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT2_4 24239	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT2_5 24240	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT2_6 24241	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT2_7 24242	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NARROWS_GT2_8 24243	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.29 0.70 0.00	21.35 0.76 0.00	18.95 0.69 0.00	18.09 0.63 0.00	20.90 0.65 0.00	23.02 0.65 0.00	25.29 0.62 0.00	23.56 0.53 0.00	20.77 0.29 0.00	18.57 0.13 0.00	19.06 0.09 0.00	19.09 0.11 0.00	19.42 0.10 0.00	19.31 0.13 0.00	19.37 0.15 0.00	20.53 0.20 0.00	23.67 0.30 0.00	30.04 0.50 0.00	37.31 0.70 0.00	41.93 0.86 0.00	46.74 0.83 0.00	38.89 0.73 0.00	31.96 0.60 0.00	26.35 0.67 0.00
NCHELSEA_115KV_TR2 355582	23.67 1.08 0.00	21.83 1.24 0.00	19.33 1.08 0.00	18.42 0.96 0.00	21.20 0.95 0.00	23.34 0.96 0.00	25.69 1.01 0.00	24.02 0.99 0.00	21.44 0.96 0.00	19.35 0.90 0.00	19.91 0.95 0.00	19.98 1.01 0.00	20.35 1.02 0.00	20.25 1.07 0.00	20.29 1.08 0.00	21.55 1.22 0.00	24.67 1.31 0.00	31.19 1.65 0.00	38.51 1.90 0.00	42.87 1.81 0.00	47.94 2.02 0.00	39.76 1.60 0.00	32.65 1.29 0.00	26.81 1.13 0.00
NEG CAPITAL___MECHNVIL 23645	23.43 0.84 0.00	21.48 0.88 0.00	19.06 0.80 0.00	18.21 0.75 0.00	21.02 0.77 0.00	23.13 0.76 0.00	25.47 0.79 0.00	23.75 0.71 0.00	20.95 0.47 0.00	18.81 0.37 0.00	19.34 0.38 0.00	19.36 0.38 0.00	19.69 0.37 0.00	19.60 0.42 0.00	19.66 0.44 0.00	20.78 0.45 0.00	23.95 0.58 0.00	30.28 0.74 0.00	37.63 1.02 0.00	42.34 1.27 0.00	47.20 1.28 0.00	39.35 1.18 0.00	32.27 0.91 0.00	26.50 0.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.24 -1.35 0.00	19.32 -1.28 0.00	17.32 -0.93 0.00	16.62 -0.84 0.00	19.20 -1.05 0.00	21.05 -1.32 0.00	23.17 -1.51 0.00	21.51 -1.52 0.00	19.09 -1.39 0.00	17.10 -1.35 0.00	17.58 -1.38 0.00	17.59 -1.38 0.00	17.93 -1.39 0.00	17.72 -1.46 0.00	17.74 -1.48 0.00	18.74 -1.59 0.00	21.68 -1.68 0.00	27.59 -1.95 0.00	34.27 -2.34 0.00	38.68 -2.38 0.00	43.67 -2.25 0.00	35.99 -2.17 0.00	29.58 -1.79 0.00	24.45 -1.23 0.00

NEG CENTRAL___DRP 24199	21.98 -0.61 0.00	20.06 -0.54 0.00	17.91 -0.35 0.00	17.13 -0.33 0.00	19.81 -0.45 0.00	21.79 -0.58 0.00	23.94 -0.74 0.00	22.25 -0.78 0.00	19.76 -0.72 0.00	17.71 -0.74 0.00	18.19 -0.78 0.00	18.18 -0.80 0.00	18.51 -0.81 0.00	18.31 -0.86 0.00	18.33 -0.88 0.00	19.39 -0.94 0.00	22.40 -0.96 0.00	28.50 -1.03 0.00	35.51 -1.10 0.00	39.96 -1.11 0.00	45.09 -0.83 0.00	37.28 -0.88 0.00	30.61 -0.75 0.00	25.14 -0.54 0.00
NEG CENTRAL___INDECK 23768	22.18 -0.41 0.00	20.18 -0.41 0.00	18.16 -0.09 0.00	17.44 -0.02 0.00	20.13 -0.12 0.00	22.01 -0.36 0.00	24.21 -0.47 0.00	22.34 -0.69 0.00	19.66 -0.82 0.00	17.52 -0.92 0.00	17.92 -1.04 0.00	17.86 -1.12 0.00	18.18 -1.14 0.00	17.95 -1.23 0.00	17.95 -1.27 0.00	18.97 -1.36 0.00	22.01 -1.36 0.00	28.21 -1.33 0.00	35.51 -1.10 0.00	40.57 -0.49 0.00	46.15 0.23 0.00	37.85 -0.31 0.00	31.05 -0.31 0.00	25.61 -0.08 0.00
NEG CENTRAL___SENECA 23627	22.07 -0.52 0.00	20.12 -0.47 0.00	18.02 -0.24 0.00	17.23 -0.23 0.00	19.91 -0.34 0.00	21.88 -0.49 0.00	24.04 -0.64 0.00	22.30 -0.74 0.00	19.78 -0.70 0.00	17.73 -0.72 0.00	18.19 -0.78 0.00	18.18 -0.80 0.00	18.51 -0.81 0.00	18.29 -0.88 0.00	18.31 -0.90 0.00	19.35 -0.98 0.00	22.38 -0.98 0.00	28.50 -1.03 0.00	35.59 -1.03 0.00	40.08 -0.99 0.00	45.27 -0.64 0.00	37.44 -0.73 0.00	30.74 -0.63 0.00	25.27 -0.41 0.00
NEG CENTRAL___STATE_STREET 24147	22.05 -0.54 0.00	20.10 -0.49 0.00	17.93 -0.33 0.00	17.13 -0.33 0.00	19.81 -0.45 0.00	21.81 -0.56 0.00	23.99 -0.69 0.00	22.34 -0.69 0.00	19.82 -0.66 0.00	17.78 -0.66 0.00	18.26 -0.70 0.00	18.30 -0.68 0.00	18.61 -0.71 0.00	18.43 -0.75 0.00	18.47 -0.75 0.00	19.54 -0.79 0.00	22.54 -0.82 0.00	28.65 -0.89 0.00	35.66 -0.95 0.00	40.16 -0.90 0.00	45.23 -0.69 0.00	37.36 -0.80 0.00	30.67 -0.69 0.00	25.17 -0.51 0.00
NEG MILLWOOD___DRP 24198	23.72 1.13 0.00	21.87 1.28 0.00	19.37 1.11 0.00	18.44 0.98 0.00	21.23 0.97 0.00	23.38 1.01 0.00	25.71 1.04 0.00	24.07 1.04 0.00	21.48 1.00 0.00	19.40 0.96 0.00	20.01 1.04 0.00	20.08 1.10 0.00	20.44 1.12 0.00	20.37 1.19 0.00	20.41 1.19 0.00	21.65 1.32 0.00	24.79 1.43 0.00	31.31 1.77 0.00	38.66 2.05 0.00	43.00 1.93 0.00	48.12 2.20 0.00	39.92 1.76 0.00	32.78 1.41 0.00	26.86 1.18 0.00
NEG NORTH_FLCN_SEA 23793	22.86 0.27 0.00	20.72 0.12 0.00	18.33 0.07 0.00	17.58 0.12 0.00	20.50 0.24 0.00	22.69 0.31 0.00	25.19 0.52 0.00	23.63 0.60 0.00	20.99 0.51 0.00	18.85 0.41 0.00	19.40 0.44 0.00	19.32 0.34 0.00	19.69 0.37 0.00	19.52 0.35 0.00	19.52 0.31 0.00	20.63 0.30 0.00	23.76 0.40 0.00	30.07 0.53 0.00	37.45 0.84 0.00	42.26 1.19 0.00	47.02 1.10 0.00	39.00 0.84 0.00	32.02 0.66 0.00	26.09 0.41 0.00
NEG NORTH_KES_CHATEGAY 23792	22.64 0.05 0.00	20.49 -0.10 0.00	18.13 -0.13 0.00	17.39 -0.07 0.00	20.29 0.04 0.00	22.48 0.11 0.00	24.95 0.27 0.00	23.38 0.35 0.00	20.77 0.29 0.00	18.65 0.20 0.00	19.19 0.23 0.00	19.11 0.13 0.00	19.48 0.15 0.00	19.31 0.13 0.00	19.31 0.10 0.00	20.43 0.10 0.00	23.53 0.16 0.00	29.77 0.24 0.00	37.12 0.51 0.00	41.85 0.78 0.00	46.56 0.64 0.00	38.66 0.50 0.00	31.71 0.35 0.00	25.81 0.13 0.00
NEG NORTH___ALICE_FALLS 23915	22.93 0.34 0.00	20.76 0.16 0.00	18.36 0.11 0.00	17.62 0.16 0.00	20.54 0.28 0.00	22.73 0.36 0.00	25.27 0.59 0.00	23.70 0.67 0.00	21.03 0.55 0.00	18.89 0.44 0.00	19.44 0.47 0.00	19.34 0.36 0.00	19.73 0.41 0.00	19.54 0.36 0.00	19.52 0.31 0.00	20.65 0.33 0.00	23.81 0.44 0.00	30.13 0.59 0.00	37.60 0.99 0.00	42.46 1.40 0.00	47.25 1.33 0.00	39.15 0.99 0.00	32.12 0.75 0.00	26.17 0.49 0.00
NEG NORTH___LWR_SARANAC 23913	22.93 0.34 0.00	20.76 0.16 0.00	18.36 0.11 0.00	17.62 0.16 0.00	20.54 0.28 0.00	22.73 0.36 0.00	25.27 0.59 0.00	23.70 0.67 0.00	21.03 0.55 0.00	18.89 0.44 0.00	19.44 0.47 0.00	19.34 0.36 0.00	19.73 0.41 0.00	19.54 0.36 0.00	19.52 0.31 0.00	20.65 0.33 0.00	23.81 0.44 0.00	30.13 0.59 0.00	37.60 0.99 0.00	42.46 1.40 0.00	47.25 1.33 0.00	39.15 0.99 0.00	32.12 0.75 0.00	26.17 0.49 0.00
NEG NORTH___PLATTSBURG 23628	22.93 0.34 0.00	20.76 0.16 0.00	18.36 0.11 0.00	17.62 0.16 0.00	20.54 0.28 0.00	22.73 0.36 0.00	25.27 0.59 0.00	23.70 0.67 0.00	21.03 0.55 0.00	18.89 0.44 0.00	19.44 0.47 0.00	19.34 0.36 0.00	19.73 0.41 0.00	19.54 0.36 0.00	19.52 0.31 0.00	20.65 0.33 0.00	23.81 0.44 0.00	30.13 0.59 0.00	37.60 0.99 0.00	42.46 1.40 0.00	47.25 1.33 0.00	39.15 0.99 0.00	32.12 0.75 0.00	26.17 0.49 0.00
NEG WEST_LEA_LOCKPORT 23791	20.96 -1.63 0.00	19.05 -1.54 0.00	17.23 -1.02 0.00	16.50 -0.96 0.00	19.08 -1.17 0.00	20.85 -1.52 0.00	22.80 -1.88 0.00	20.96 -2.07 0.00	18.76 -1.72 0.00	16.79 -1.66 0.00	17.18 -1.78 0.00	17.16 -1.82 0.00	17.47 -1.86 0.00	17.22 -1.96 0.00	17.20 -2.02 0.00	18.13 -2.20 0.00	20.98 -2.38 0.00	26.67 -2.87 0.00	33.21 -3.40 0.00	37.62 -3.45 0.00	42.66 -3.26 0.00	34.99 -3.17 0.00	28.86 -2.51 0.00	24.24 -1.44 0.00
NEG WEST___LANCASTR 23811	21.44 -1.15 0.00	19.58 -1.01 0.00	17.67 -0.58 0.00	16.92 -0.54 0.00	19.52 -0.73 0.00	21.32 -1.05 0.00	23.29 -1.38 0.00	21.51 -1.52 0.00	19.27 -1.21 0.00	17.34 -1.11 0.00	17.71 -1.25 0.00	17.69 -1.29 0.00	18.01 -1.31 0.00	17.76 -1.42 0.00	17.70 -1.52 0.00	18.70 -1.63 0.00	21.63 -1.73 0.00	27.47 -2.07 0.00	34.23 -2.38 0.00	38.81 -2.26 0.00	44.03 -1.88 0.00	36.06 -2.10 0.00	29.64 -1.73 0.00	24.73 -0.95 0.00
NEG_PENN_ALLEGHNY 23528	22.39 -0.20 0.00	20.47 -0.12 0.00	18.25 0.00 0.00	17.44 -0.02 0.00	20.15 -0.10 0.00	22.15 -0.22 0.00	24.33 -0.35 0.00	22.64 -0.39 0.00	20.15 -0.33 0.00	18.13 -0.31 0.00	18.60 -0.36 0.00	18.62 -0.36 0.00	18.96 -0.37 0.00	18.77 -0.40 0.00	18.79 -0.42 0.00	19.88 -0.45 0.00	22.90 -0.47 0.00	29.03 -0.50 0.00	36.10 -0.51 0.00	40.61 -0.45 0.00	45.73 -0.18 0.00	37.78 -0.38 0.00	31.05 -0.31 0.00	25.50 -0.18 0.00
NEG___GEN_MONROE 24207	21.51 -1.08 0.00	19.54 -1.05 0.00	17.60 -0.66 0.00	16.87 -0.59 0.00	19.52 -0.73 0.00	21.39 -0.98 0.00	23.54 -1.14 0.00	21.77 -1.27 0.00	19.29 -1.19 0.00	17.28 -1.16 0.00	17.71 -1.25 0.00	17.69 -1.29 0.00	18.03 -1.29 0.00	17.81 -1.36 0.00	17.81 -1.40 0.00	18.80 -1.52 0.00	21.75 -1.61 0.00	27.65 -1.89 0.00	34.49 -2.12 0.00	39.05 -2.01 0.00	44.22 -1.70 0.00	36.41 -1.76 0.00	29.92 -1.44 0.00	24.89 -0.80 0.00
NEPA___ENERGY 23901	21.64 -0.95 0.00	19.79 -0.80 0.00	17.85 -0.40 0.00	17.09 -0.37 0.00	19.73 -0.53 0.00	21.55 -0.83 0.00	23.54 -1.14 0.00	21.70 -1.34 0.00	19.44 -1.04 0.00	17.50 -0.94 0.00	17.90 -1.06 0.00	17.88 -1.10 0.00	18.20 -1.12 0.00	17.95 -1.23 0.00	17.87 -1.35 0.00	18.89 -1.44 0.00	21.84 -1.52 0.00	27.71 -1.83 0.00	34.49 -2.12 0.00	39.09 -1.97 0.00	44.40 -1.52 0.00	36.37 -1.79 0.00	29.86 -1.51 0.00	24.94 -0.74 0.00

NEVERSINK___HYD 23608	23.72 1.13 0.00	21.81 1.21 0.00	19.33 1.08 0.00	18.40 0.94 0.00	21.21 0.95 0.00	23.36 0.98 0.00	25.71 1.04 0.00	24.02 0.99 0.00	21.42 0.94 0.00	19.29 0.85 0.00	19.86 0.89 0.00	19.91 0.93 0.00	20.27 0.95 0.00	20.15 0.98 0.00	20.21 1.00 0.00	21.45 1.12 0.00	24.60 1.24 0.00	31.13 1.59 0.00	38.55 1.94 0.00	43.00 1.93 0.00	48.08 2.16 0.00	39.84 1.68 0.00	32.71 1.35 0.00	26.84 1.16 0.00
NEWKRMKL_115KV_TB1 55635	22.84 0.25 0.00	20.94 0.35 0.00	18.58 0.33 0.00	17.74 0.28 0.00	20.48 0.22 0.00	22.53 0.16 0.00	24.80 0.12 0.00	23.15 0.12 0.00	20.54 0.06 0.00	18.52 0.07 0.00	19.04 0.08 0.00	19.05 0.08 0.00	19.40 0.08 0.00	19.29 0.12 0.00	19.35 0.13 0.00	20.45 0.12 0.00	23.50 0.14 0.00	29.66 0.12 0.00	36.61 0.00 0.00	41.07 0.00 0.00	45.78 -0.14 0.00	38.12 -0.04 0.00	31.36 0.00 0.00	25.79 0.10 0.00
NEWTON___FALLS_HYD 23847	22.12 -0.47 0.00	19.95 -0.64 0.00	17.65 -0.60 0.00	16.92 -0.54 0.00	19.79 -0.47 0.00	21.88 -0.49 0.00	24.26 -0.42 0.00	22.66 -0.37 0.00	20.03 -0.45 0.00	17.93 -0.52 0.00	18.45 -0.51 0.00	18.41 -0.57 0.00	18.74 -0.58 0.00	18.54 -0.63 0.00	18.56 -0.65 0.00	19.64 -0.69 0.00	22.64 -0.72 0.00	28.77 -0.77 0.00	35.99 -0.62 0.00	40.70 -0.37 0.00	45.37 -0.55 0.00	37.86 -0.31 0.00	31.11 -0.25 0.00	25.27 -0.41 0.00
NGRID_A1_DSASP 323792	20.78 -1.81 0.00	18.88 -1.71 0.00	17.09 -1.17 0.00	16.41 -1.05 0.00	18.94 -1.32 0.00	20.69 -1.68 0.00	22.55 -2.12 0.00	20.75 -2.28 0.00	18.58 -1.90 0.00	16.64 -1.81 0.00	17.03 -1.93 0.00	17.00 -1.97 0.00	17.31 -2.01 0.00	17.09 -2.09 0.00	17.06 -2.15 0.00	17.99 -2.34 0.00	20.77 -2.59 0.00	26.44 -3.10 0.00	32.80 -3.81 0.00	37.16 -3.90 0.00	42.01 -3.90 0.00	34.54 -3.63 0.00	28.48 -2.88 0.00	23.96 -1.72 0.00
NGRID_A2_DSASP 323793	20.78 -1.81 0.00	18.88 -1.71 0.00	17.09 -1.17 0.00	16.41 -1.05 0.00	18.94 -1.32 0.00	20.69 -1.68 0.00	22.55 -2.12 0.00	20.75 -2.28 0.00	18.58 -1.90 0.00	16.64 -1.81 0.00	17.03 -1.93 0.00	17.00 -1.97 0.00	17.31 -2.01 0.00	17.09 -2.09 0.00	17.06 -2.15 0.00	17.99 -2.34 0.00	20.77 -2.59 0.00	26.44 -3.10 0.00	32.80 -3.81 0.00	37.16 -3.90 0.00	42.01 -3.90 0.00	34.54 -3.63 0.00	28.48 -2.88 0.00	23.96 -1.72 0.00
NGRID_A4_DSASP 323807	20.78 -1.81 0.00	18.88 -1.71 0.00	17.09 -1.17 0.00	16.41 -1.05 0.00	18.94 -1.32 0.00	20.69 -1.68 0.00	22.55 -2.12 0.00	20.75 -2.28 0.00	18.58 -1.90 0.00	16.64 -1.81 0.00	17.03 -1.93 0.00	17.00 -1.97 0.00	17.31 -2.01 0.00	17.09 -2.09 0.00	17.06 -2.15 0.00	17.99 -2.34 0.00	20.77 -2.59 0.00	26.44 -3.10 0.00	32.80 -3.81 0.00	37.16 -3.90 0.00	42.01 -3.90 0.00	34.54 -3.63 0.00	28.48 -2.88 0.00	23.96 -1.72 0.00
NIAGARA_115E_LBMP 323715	20.62 -1.97 0.00	18.74 -1.85 0.00	16.96 -1.30 0.00	16.29 -1.17 0.00	18.79 -1.46 0.00	20.54 -1.83 0.00	22.46 -2.22 0.00	20.66 -2.37 0.00	18.47 -2.01 0.00	16.55 -1.90 0.00	16.94 -2.03 0.00	16.91 -2.07 0.00	17.22 -2.11 0.00	16.99 -2.19 0.00	16.97 -2.25 0.00	17.87 -2.46 0.00	20.65 -2.71 0.00	26.29 -3.25 0.00	32.66 -3.95 0.00	37.00 -4.07 0.00	41.88 -4.04 0.00	34.42 -3.74 0.00	28.38 -2.98 0.00	23.86 -1.82 0.00
NIAGARA_115W_LBMP 323714	20.74 -1.85 0.00	18.84 -1.75 0.00	17.05 -1.21 0.00	16.38 -1.08 0.00	18.90 -1.36 0.00	20.65 -1.72 0.00	22.50 -2.17 0.00	20.68 -2.35 0.00	18.51 -1.97 0.00	16.60 -1.84 0.00	16.99 -1.97 0.00	16.97 -2.01 0.00	17.28 -2.05 0.00	17.05 -2.13 0.00	17.02 -2.19 0.00	17.93 -2.40 0.00	20.72 -2.64 0.00	26.35 -3.19 0.00	32.69 -3.92 0.00	37.04 -4.02 0.00	41.92 -4.00 0.00	34.42 -3.74 0.00	28.41 -2.95 0.00	23.88 -1.80 0.00
NIAGARA_230_LBMP 323716	20.90 -1.69 0.00	18.99 -1.61 0.00	17.16 -1.09 0.00	16.48 -0.98 0.00	19.04 -1.21 0.00	20.81 -1.57 0.00	22.75 -1.92 0.00	20.94 -2.10 0.00	18.72 -1.76 0.00	16.79 -1.66 0.00	17.20 -1.76 0.00	17.18 -1.80 0.00	17.49 -1.84 0.00	17.26 -1.92 0.00	17.24 -1.98 0.00	18.17 -2.16 0.00	20.98 -2.38 0.00	26.67 -2.86 0.00	33.10 -3.51 0.00	37.45 -3.61 0.00	42.38 -3.53 0.00	34.84 -3.32 0.00	28.73 -2.63 0.00	24.14 -1.54 0.00
NIAGARA___115KV_198_GIBSON 55903	20.76 -1.83 0.00	18.84 -1.75 0.00	17.03 -1.22 0.00	16.33 -1.13 0.00	18.90 -1.36 0.00	20.65 -1.72 0.00	22.51 -2.17 0.00	20.66 -2.37 0.00	18.51 -1.97 0.00	16.60 -1.84 0.00	16.99 -1.97 0.00	16.97 -2.01 0.00	17.28 -2.05 0.00	17.05 -2.13 0.00	17.02 -2.19 0.00	17.93 -2.40 0.00	20.72 -2.64 0.00	26.29 -3.25 0.00	32.69 -3.92 0.00	37.00 -4.07 0.00	41.92 -3.99 0.00	34.42 -3.74 0.00	28.42 -2.95 0.00	23.91 -1.77 0.00
NIAGARA____ 23760	20.90 -1.69 0.00	18.99 -1.61 0.00	17.16 -1.09 0.00	16.48 -0.98 0.00	19.04 -1.21 0.00	20.81 -1.57 0.00	22.75 -1.92 0.00	20.94 -2.10 0.00	18.72 -1.76 0.00	16.79 -1.66 0.00	17.20 -1.76 0.00	17.18 -1.80 0.00	17.49 -1.84 0.00	17.26 -1.92 0.00	17.24 -1.98 0.00	18.17 -2.16 0.00	20.98 -2.38 0.00	26.67 -2.86 0.00	33.10 -3.51 0.00	37.45 -3.61 0.00	42.38 -3.53 0.00	34.84 -3.32 0.00	28.73 -2.63 0.00	24.14 -1.54 0.00
NINE_MILE_1 23575	21.57 -1.02 0.00	19.69 -0.91 0.00	17.51 -0.75 0.00	16.76 -0.70 0.00	19.38 -0.87 0.00	21.34 -1.03 0.00	23.52 -1.16 0.00	21.90 -1.13 0.00	19.48 -1.00 0.00	17.51 -0.94 0.00	18.00 -0.97 0.00	18.01 -0.97 0.00	18.34 -0.98 0.00	18.18 -1.00 0.00	18.20 -1.02 0.00	19.25 -1.08 0.00	22.17 -1.19 0.00	28.09 -1.45 0.00	34.82 -1.79 0.00	39.18 -1.89 0.00	43.94 -1.97 0.00	36.41 -1.75 0.00	29.92 -1.44 0.00	24.58 -1.10 0.00
NINE_MILE_2 23744	21.57 -1.02 0.00	19.69 -0.91 0.00	17.51 -0.75 0.00	16.76 -0.70 0.00	19.38 -0.87 0.00	21.34 -1.03 0.00	23.52 -1.16 0.00	21.90 -1.13 0.00	19.48 -1.00 0.00	17.51 -0.94 0.00	18.00 -0.97 0.00	18.01 -0.97 0.00	18.34 -0.98 0.00	18.18 -1.00 0.00	18.20 -1.02 0.00	19.25 -1.08 0.00	22.17 -1.19 0.00	28.09 -1.45 0.00	34.82 -1.79 0.00	39.18 -1.89 0.00	43.94 -1.97 0.00	36.41 -1.75 0.00	29.92 -1.44 0.00	24.58 -1.10 0.00
NM_CAPITAL___DRP 24208	22.91 0.32 0.00	21.00 0.41 0.00	18.62 0.37 0.00	17.79 0.33 0.00	20.52 0.26 0.00	22.55 0.18 0.00	24.87 0.20 0.00	23.19 0.16 0.00	20.60 0.12 0.00	18.56 0.11 0.00	19.08 0.11 0.00	19.11 0.13 0.00	19.44 0.12 0.00	19.33 0.15 0.00	19.39 0.17 0.00	20.49 0.16 0.00	23.55 0.19 0.00	29.68 0.15 0.00	36.68 0.07 0.00	41.15 0.08 0.00	45.83 -0.09 0.00	38.20 0.04 0.00	31.43 0.06 0.00	25.81 0.13 0.00
NM_CENTRAL___DRP 24181	22.05 -0.54 0.00	20.14 -0.45 0.00	17.93 -0.33 0.00	17.13 -0.33 0.00	19.81 -0.45 0.00	21.81 -0.56 0.00	23.99 -0.69 0.00	22.36 -0.67 0.00	19.87 -0.61 0.00	17.85 -0.59 0.00	18.36 -0.61 0.00	18.37 -0.61 0.00	18.71 -0.62 0.00	18.54 -0.63 0.00	18.56 -0.65 0.00	19.64 -0.69 0.00	22.61 -0.75 0.00	28.71 -0.83 0.00	35.59 -1.03 0.00	39.96 -1.11 0.00	44.95 -0.96 0.00	37.17 -0.99 0.00	30.61 -0.75 0.00	25.14 -0.54 0.00

NM_FRONTIER___DRP 24179	20.76 -1.83 0.00	18.84 -1.75 0.00	17.03 -1.22 0.00	16.33 -1.13 0.00	18.90 -1.36 0.00	20.65 -1.72 0.00	22.51 -2.17 0.00	20.66 -2.37 0.00	18.51 -1.97 0.00	16.60 -1.84 0.00	16.99 -1.97 0.00	16.97 -2.01 0.00	17.28 -2.05 0.00	17.05 -2.13 0.00	17.02 -2.19 0.00	17.93 -2.40 0.00	20.72 -2.64 0.00	26.29 -3.25 0.00	32.69 -3.92 0.00	37.00 -4.07 0.00	41.92 -3.99 0.00	34.42 -3.74 0.00	28.42 -2.95 0.00	23.91 -1.77 0.00
NM_ST_REGIS___HYD 24053	22.30 -0.29 0.00	20.16 -0.43 0.00	17.82 -0.44 0.00	17.09 -0.37 0.00	19.97 -0.28 0.00	22.10 -0.27 0.00	24.65 -0.02 0.00	23.10 0.07 0.00	20.46 -0.02 0.00	18.35 -0.09 0.00	18.89 -0.08 0.00	18.81 -0.17 0.00	19.17 -0.15 0.00	18.98 -0.19 0.00	18.98 -0.23 0.00	20.09 -0.24 0.00	23.13 -0.23 0.00	29.30 -0.24 0.00	36.61 0.00 0.00	41.39 0.33 0.00	45.87 -0.05 0.00	38.31 0.15 0.00	31.46 0.09 0.00	25.50 -0.18 0.00
NORTHPORT___1 23551	26.51 1.83 -2.10	24.35 1.89 -1.86	20.82 1.72 -0.85	19.86 1.57 -0.83	22.29 1.64 -0.40	24.44 1.66 -0.41	26.79 1.80 -0.32	25.14 1.73 -0.38	22.70 1.70 -0.52	20.73 1.66 -0.62	22.55 1.69 -1.90	22.62 1.74 -1.89	23.10 1.78 -2.00	23.40 1.82 -2.40	23.30 1.83 -2.26	24.65 1.97 -2.35	28.39 2.08 -2.95	40.48 2.63 -8.31	42.43 2.82 -3.00	44.99 2.34 -1.59	49.75 2.52 -1.31	42.20 2.21 -1.82	35.24 2.13 -1.74	29.22 1.75 -1.79
NORTHPORT___2 23552	26.51 1.83 -2.10	24.35 1.89 -1.86	20.82 1.72 -0.85	19.86 1.57 -0.83	22.29 1.64 -0.40	24.44 1.66 -0.41	26.79 1.80 -0.32	25.14 1.73 -0.38	22.70 1.70 -0.52	20.73 1.66 -0.62	22.55 1.69 -1.90	22.62 1.74 -1.89	23.10 1.78 -2.00	23.40 1.82 -2.40	23.30 1.83 -2.26	24.65 1.97 -2.35	28.39 2.08 -2.95	40.48 2.63 -8.31	42.43 2.82 -3.00	44.99 2.34 -1.59	49.75 2.52 -1.31	42.20 2.21 -1.82	35.24 2.13 -1.74	29.22 1.75 -1.79
NORTHPORT___3 23553	26.33 1.40 -2.34	24.18 1.52 -2.07	20.55 1.35 -0.95	19.60 1.22 -0.92	21.94 1.26 -0.43	24.08 1.25 -0.45	26.39 1.36 -0.35	24.79 1.34 -0.42	22.39 1.33 -0.58	20.45 1.31 -0.69	22.42 1.35 -2.11	22.48 1.40 -2.10	22.97 1.43 -2.21	23.31 1.46 -2.67	23.21 1.48 -2.51	24.51 1.57 -2.62	28.21 1.63 -3.21	40.33 1.83 -8.96	42.07 1.98 -3.48	44.50 1.68 -1.75	49.31 1.84 -1.55	41.85 1.57 -2.12	34.90 1.60 -1.93	29.01 1.33 -2.00
NORTHPORT___4 23650	26.33 1.40 -2.34	24.18 1.52 -2.07	20.55 1.35 -0.95	19.60 1.22 -0.92	21.94 1.26 -0.43	24.08 1.25 -0.45	26.39 1.36 -0.35	24.79 1.34 -0.42	22.39 1.33 -0.58	20.45 1.31 -0.69	22.42 1.35 -2.11	22.48 1.40 -2.10	22.97 1.43 -2.21	23.31 1.46 -2.67	23.21 1.48 -2.51	24.51 1.57 -2.62	28.21 1.63 -3.21	40.33 1.83 -8.96	42.07 1.98 -3.48	44.50 1.68 -1.75	49.31 1.84 -1.55	41.85 1.57 -2.12	34.90 1.60 -1.93	29.01 1.33 -2.00
NORTHPORT___IC 23718	26.45 1.76 -2.10	24.35 1.89 -1.86	20.82 1.72 -0.85	19.86 1.57 -0.83	22.29 1.64 -0.40	24.44 1.66 -0.41	26.79 1.80 -0.32	25.16 1.75 -0.38	22.70 1.70 -0.52	20.73 1.66 -0.62	22.55 1.69 -1.90	22.62 1.75 -1.89	23.10 1.78 -2.00	23.40 1.82 -2.40	23.32 1.84 -2.26	24.65 1.97 -2.35	28.39 2.08 -2.95	40.48 2.63 -8.31	42.43 2.82 -3.00	45.04 2.38 -1.59	49.75 2.53 -1.31	42.20 2.21 -1.82	35.24 2.13 -1.74	29.24 1.77 -1.79
NORTH___COUNTRY_ESR 323785	22.57 -0.02 0.00	20.45 -0.14 0.00	18.07 -0.18 0.00	17.34 -0.12 0.00	20.23 -0.02 0.00	22.42 0.04 0.00	24.90 0.22 0.00	23.33 0.30 0.00	20.73 0.25 0.00	18.63 0.18 0.00	19.17 0.21 0.00	19.11 0.13 0.00	19.48 0.15 0.00	19.29 0.12 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.50 0.14 0.00	29.72 0.18 0.00	37.01 0.40 0.00	41.68 0.62 0.00	46.38 0.46 0.00	38.50 0.34 0.00	31.61 0.25 0.00	25.73 0.05 0.00
NPX_GEN_1385_PROXY 323591	26.51 1.83 -2.10	24.35 1.89 -1.86	20.82 1.72 -0.85	19.86 1.57 -0.83	22.29 1.64 -0.40	24.44 1.66 -0.41	26.72 1.73 -0.32	25.14 1.73 -0.38	22.64 1.64 -0.52	20.73 1.66 -0.62	21.20 1.61 -0.62	22.56 1.69 -1.89	23.10 1.78 -2.00	23.40 1.82 -2.40	23.27 1.79 -2.26	24.50 1.97 -2.20	28.32 2.01 -2.95	33.74 2.51 -1.69	37.67 2.71 1.65	44.08 2.22 -0.80	49.17 2.39 -0.87	42.12 2.14 -1.82	35.17 2.07 -1.74	29.17 1.69 -1.79
NPX_GEN_CSC 323557	27.26 2.06 -2.61	24.95 2.08 -2.28	21.18 1.88 -1.05	20.21 1.73 -1.02	22.55 1.80 -0.49	24.69 1.81 -0.51	27.02 1.95 -0.39	25.35 1.84 -0.47	22.97 1.84 -0.64	20.98 1.77 -0.77	23.11 1.82 -2.32	23.16 1.86 -2.32	23.68 1.91 -2.44	24.11 1.98 -2.96	23.96 1.98 -2.77	25.43 2.20 -2.91	29.19 2.34 -3.49	42.29 3.07 -9.69	44.20 3.48 -4.11	46.25 3.24 -1.94	51.40 3.58 -1.90	43.69 3.01 -2.51	36.10 2.60 -2.14	29.96 2.06 -2.22
NSINS_S_GLNS_FALLS 23858	23.54 0.95 0.00	21.54 0.95 0.00	19.11 0.86 0.00	18.26 0.80 0.00	21.12 0.87 0.00	23.27 0.89 0.00	25.49 0.81 0.00	23.75 0.71 0.00	20.91 0.43 0.00	18.72 0.28 0.00	19.25 0.28 0.00	19.28 0.30 0.00	19.59 0.27 0.00	19.50 0.33 0.00	19.58 0.37 0.00	20.67 0.35 0.00	23.88 0.51 0.00	30.28 0.74 0.00	37.75 1.13 0.00	42.46 1.40 0.00	47.39 1.47 0.00	39.50 1.34 0.00	32.34 0.97 0.00	26.58 0.90 0.00
NUCOR_STEEL___DRP 24197	22.09 -0.50 0.00	20.16 -0.43 0.00	17.96 -0.29 0.00	17.18 -0.28 0.00	19.85 -0.41 0.00	21.86 -0.51 0.00	24.04 -0.64 0.00	22.36 -0.67 0.00	19.85 -0.63 0.00	17.82 -0.63 0.00	18.28 -0.68 0.00	18.31 -0.66 0.00	18.65 -0.68 0.00	18.45 -0.73 0.00	18.48 -0.73 0.00	19.56 -0.77 0.00	22.57 -0.79 0.00	28.68 -0.86 0.00	35.66 -0.95 0.00	40.16 -0.90 0.00	45.23 -0.69 0.00	37.36 -0.80 0.00	30.74 -0.63 0.00	25.22 -0.46 0.00
NUMBER_THREE_WT_PWR 323818	22.52 -0.07 0.00	20.26 -0.33 0.00	17.96 -0.29 0.00	17.20 -0.26 0.00	20.17 -0.08 0.00	22.28 -0.09 0.00	24.53 -0.15 0.00	22.87 -0.16 0.00	20.21 -0.27 0.00	18.08 -0.37 0.00	18.59 -0.38 0.00	18.58 -0.40 0.00	18.90 -0.43 0.00	18.68 -0.50 0.00	18.73 -0.48 0.00	19.80 -0.53 0.00	22.85 -0.51 0.00	29.10 -0.44 0.00	36.39 -0.22 0.00	41.15 0.08 0.00	46.15 0.23 0.00	38.35 0.19 0.00	31.52 0.16 0.00	25.73 0.05 0.00
NYISO_LBMP_REFERENCE 24008	22.59 0.00 0.00	20.59 0.00 0.00	18.25 0.00 0.00	17.46 0.00 0.00	20.25 0.00 0.00	22.37 0.00 0.00	24.68 0.00 0.00	23.03 0.00 0.00	20.48 0.00 0.00	18.45 0.00 0.00	18.97 0.00 0.00	18.98 0.00 0.00	19.32 0.00 0.00	19.18 0.00 0.00	19.21 0.00 0.00	20.33 0.00 0.00	23.36 0.00 0.00	29.54 0.00 0.00	36.61 0.00 0.00	41.07 0.00 0.00	45.92 0.00 0.00	38.16 0.00 0.00	31.36 0.00 0.00	25.68 0.00 0.00
NYPA_BRENTWD____GT 24164	27.99 2.01 -3.39	25.55 2.06 -2.90	21.44 1.84 -1.34	20.47 1.69 -1.31	22.68 1.78 -0.64	24.84 1.81 -0.65	27.13 1.95 -0.51	25.53 1.89 -0.61	23.15 1.84 -0.83	21.20 1.77 -0.98	23.72 1.80 -2.95	23.78 1.86 -2.94	24.32 1.89 -3.10	24.93 1.96 -3.80	24.69 1.96 -3.52	26.21 2.13 -3.75	29.96 2.29 -4.31	44.35 2.92 -11.89	45.80 3.30 -5.89	46.54 3.00 -2.48	52.08 3.31 -2.86	44.56 2.78 -3.61	36.57 2.48 -2.73	30.57 2.00 -2.88

NYPA_GOWANUS____GT5 24156	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NYPA_GOWANUS____GT6 24157	24.09 1.49 -0.01	22.16 1.56 -0.01	19.63 1.37 -0.01	18.69 1.22 -0.01	21.50 1.24 -0.01	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.45 1.46 -0.01	20.84 1.51 -0.01	20.74 1.55 -0.01	20.78 1.56 -0.01	22.02 1.69 -0.01	25.17 1.80 -0.01	31.72 2.19 0.00	39.14 2.52 0.00	43.36 2.30 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.16 1.79 -0.01	27.10 1.41 -0.01
NYPA_HARLEM__RVR__GT1 24160	23.88 1.29 -0.01	22.02 1.42 -0.01	19.50 1.24 -0.01	18.59 1.12 -0.01	21.39 1.13 -0.01	23.29 0.92 0.00	25.61 0.94 0.01	24.11 1.08 0.01	21.70 1.23 0.01	19.73 1.29 0.01	20.32 1.35 -0.01	20.39 1.40 -0.01	20.73 1.41 0.01	20.68 1.50 -0.01	20.69 1.48 0.01	21.94 1.61 -0.01	25.01 1.63 -0.01	31.45 1.92 0.01	38.76 2.16 0.01	42.86 1.80 0.01	47.84 1.93 0.01	39.76 1.60 0.01	33.00 1.63 -0.01	26.90 1.21 -0.01
NYPA_HARLEM__RVR__GT2 24161	23.88 1.29 -0.01	22.02 1.42 -0.01	19.50 1.24 -0.01	18.59 1.12 -0.01	21.39 1.13 -0.01	23.29 0.92 0.00	25.61 0.94 0.01	24.11 1.08 0.01	21.70 1.23 0.01	19.73 1.29 0.01	20.32 1.35 -0.01	20.39 1.40 -0.01	20.73 1.41 0.01	20.68 1.50 -0.01	20.69 1.48 0.01	21.94 1.61 -0.01	25.01 1.63 -0.01	31.45 1.92 0.01	38.76 2.16 0.01	42.86 1.80 0.01	47.84 1.93 0.01	39.76 1.60 0.01	33.00 1.63 -0.01	26.90 1.21 -0.01
NYPA_KENT____GT 24152	24.05 1.45 -0.01	22.15 1.55 -0.01	19.59 1.33 -0.01	18.66 1.19 -0.01	21.46 1.19 -0.01	23.47 1.10 0.00	25.84 1.16 0.00	24.28 1.24 0.00	21.79 1.31 0.00	19.78 1.33 -0.01	20.36 1.38 -0.01	20.43 1.44 -0.01	20.82 1.49 -0.01	20.72 1.53 -0.01	20.78 1.56 -0.01	22.00 1.67 -0.01	25.12 1.75 -0.01	31.67 2.13 0.00	39.03 2.42 0.00	43.24 2.18 0.00	48.21 2.29 0.00	40.11 1.95 0.00	33.10 1.72 -0.01	27.05 1.36 -0.01
NYPA_POUCH1____GT 24155	24.13 1.54 -0.01	22.21 1.61 -0.01	19.65 1.39 -0.01	18.71 1.24 -0.01	21.52 1.26 -0.01	23.51 1.14 0.00	25.89 1.21 0.00	24.32 1.29 0.00	21.83 1.35 0.00	19.80 1.35 -0.01	20.38 1.40 -0.01	20.43 1.44 -0.01	20.82 1.49 -0.01	20.72 1.53 -0.01	20.76 1.54 -0.01	22.02 1.69 -0.01	25.19 1.82 -0.01	31.75 2.22 0.00	39.21 2.60 0.00	43.45 2.38 0.00	48.35 2.43 0.00	40.30 2.14 0.00	33.22 1.85 -0.01	27.15 1.46 -0.01
NYPA_VERNON____GT2 24162	24.00 1.40 -0.01	22.10 1.50 -0.01	19.58 1.32 -0.01	18.64 1.17 -0.01	21.44 1.17 -0.01	23.45 1.07 0.00	25.81 1.14 0.00	24.25 1.22 0.00	21.77 1.29 0.00	19.78 1.33 -0.01	20.36 1.38 -0.01	20.43 1.44 -0.01	20.80 1.47 -0.01	20.72 1.53 -0.01	20.76 1.54 -0.01	21.98 1.65 -0.01	25.07 1.70 -0.01	31.57 2.04 0.00	38.96 2.35 0.00	43.12 2.05 0.00	48.12 2.20 0.00	40.03 1.87 0.00	33.00 1.63 -0.01	27.00 1.31 -0.01
NYPA_VERNON____GT3 24163	24.00 1.40 -0.01	22.10 1.50 -0.01	19.58 1.32 -0.01	18.64 1.17 -0.01	21.44 1.17 -0.01	23.45 1.07 0.00	25.81 1.14 0.00	24.25 1.22 0.00	21.77 1.29 0.00	19.78 1.33 -0.01	20.36 1.38 -0.01	20.43 1.44 -0.01	20.80 1.47 -0.01	20.72 1.53 -0.01	20.76 1.54 -0.01	21.98 1.65 -0.01	25.07 1.70 -0.01	31.57 2.04 0.00	38.96 2.35 0.00	43.12 2.05 0.00	48.12 2.20 0.00	40.03 1.87 0.00	33.00 1.63 -0.01	27.00 1.31 -0.01
NYPA____ASTORIA_CC1 323568	23.98 1.38 -0.01	22.10 1.50 -0.01	19.58 1.32 -0.01	18.64 1.17 -0.01	21.44 1.17 -0.01	23.42 1.05 0.00	25.76 1.08 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.76 1.31 -0.01	20.34 1.37 -0.01	20.41 1.42 -0.01	20.80 1.47 -0.01	20.70 1.51 -0.01	20.76 1.54 -0.01	21.96 1.63 -0.01	25.05 1.68 -0.01	31.55 2.01 0.00	38.88 2.27 0.00	43.08 2.01 0.00	48.03 2.11 0.00	39.96 1.79 0.00	33.00 1.63 -0.01	26.97 1.28 -0.01
NYPA____ASTORIA_CC2 323569	23.98 1.38 -0.01	22.10 1.50 -0.01	19.58 1.32 -0.01	18.64 1.17 -0.01	21.44 1.17 -0.01	23.42 1.05 0.00	25.76 1.08 0.00	24.23 1.20 0.00	21.77 1.29 0.00	19.76 1.31 -0.01	20.34 1.37 -0.01	20.41 1.42 -0.01	20.80 1.47 -0.01	20.70 1.51 -0.01	20.76 1.54 -0.01	21.96 1.63 -0.01	25.05 1.68 -0.01	31.55 2.01 0.00	38.88 2.27 0.00	43.08 2.01 0.00	48.03 2.11 0.00	39.96 1.79 0.00	33.00 1.63 -0.01	26.97 1.28 -0.01
NYPA____HOLTSVILL 23794	27.05 1.90 -2.56	24.79 1.96 -2.24	21.05 1.77 -1.03	20.09 1.62 -1.00	22.44 1.70 -0.49	24.57 1.70 -0.50	26.89 1.83 -0.39	25.24 1.75 -0.46	22.85 1.74 -0.63	20.88 1.68 -0.75	22.97 1.73 -2.28	23.02 1.77 -2.27	23.54 1.82 -2.40	23.94 1.86 -2.91	23.80 1.86 -2.72	25.23 2.05 -2.85	28.97 2.17 -3.43	41.89 2.81 -9.54	43.72 3.11 -4.00	45.81 2.83 -1.91	50.88 3.12 -1.83	43.23 2.63 -2.44	35.82 2.35 -2.10	29.74 1.87 -2.18
NYPA____HELLGATE_GT1 24158	23.88 1.29 -0.01	22.02 1.42 -0.01	19.50 1.24 -0.01	18.59 1.12 -0.01	21.39 1.13 -0.01	23.29 0.92 0.00	25.61 0.94 0.01	24.11 1.08 0.01	21.70 1.23 0.01	19.73 1.29 0.01	20.32 1.35 -0.01	20.39 1.40 -0.01	20.73 1.41 0.01	20.68 1.50 -0.01	20.69 1.48 0.01	21.94 1.61 -0.01	25.01 1.63 -0.01	31.45 1.92 0.01	38.76 2.16 0.01	42.86 1.80 0.01	47.84 1.93 0.01	39.76 1.60 0.01	33.00 1.63 -0.01	26.90 1.21 -0.01
NYPA____HELLGATE_GT2 24159	23.88 1.29 -0.01	22.02 1.42 -0.01	19.50 1.24 -0.01	18.59 1.12 -0.01	21.39 1.13 -0.01	23.29 0.92 0.00	25.61 0.94 0.01	24.11 1.08 0.01	21.70 1.23 0.01	19.73 1.29 0.01	20.32 1.35 -0.01	20.39 1.40 -0.01	20.73 1.41 0.01	20.68 1.50 -0.01	20.69 1.48 0.01	21.94 1.61 -0.01	25.01 1.63 -0.01	31.45 1.92 0.01	38.76 2.16 0.01	42.86 1.80 0.01	47.84 1.93 0.01	39.76 1.60 0.01	33.00 1.63 -0.01	26.90 1.21 -0.01
NYS_BARGE____HYD 23848	20.92 -1.67 0.00	19.01 -1.59 0.00	17.21 -1.04 0.00	16.53 -0.93 0.00	19.06 -1.19 0.00	20.81 -1.57 0.00	22.78 -1.90 0.00	20.96 -2.07 0.00	18.72 -1.76 0.00	16.77 -1.68 0.00	17.16 -1.80 0.00	17.12 -1.86 0.00	17.43 -1.89 0.00	17.20 -1.97 0.00	17.18 -2.04 0.00	18.11 -2.22 0.00	20.96 -2.41 0.00	26.70 -2.84 0.00	33.17 -3.44 0.00	37.66 -3.41 0.00	42.66 -3.26 0.00	34.99 -3.17 0.00	28.82 -2.54 0.00	24.19 -1.49 0.00
OAK ORCHARD____HYD 24046	21.51 -1.08 0.00	19.54 -1.05 0.00	17.58 -0.68 0.00	16.88 -0.58 0.00	19.48 -0.77 0.00	21.34 -1.03 0.00	23.49 -1.18 0.00	21.77 -1.27 0.00	19.31 -1.17 0.00	17.32 -1.13 0.00	17.79 -1.18 0.00	17.80 -1.18 0.00	18.14 -1.18 0.00	17.91 -1.27 0.00	17.93 -1.29 0.00	18.95 -1.38 0.00	21.91 -1.45 0.00	27.85 -1.68 0.00	34.60 -2.01 0.00	39.14 -1.93 0.00	44.17 -1.74 0.00	36.41 -1.75 0.00	29.92 -1.44 0.00	24.81 -0.87 0.00

OAKDALE___35_KV_LOAD 356122	22.36 -0.23 0.00	20.45 -0.14 0.00	18.24 -0.02 0.00	17.43 -0.03 0.00	20.13 -0.12 0.00	22.13 -0.25 0.00	24.31 -0.37 0.00	22.62 -0.41 0.00	20.13 -0.35 0.00	18.13 -0.31 0.00	18.60 -0.36 0.00	18.62 -0.36 0.00	18.96 -0.37 0.00	18.77 -0.40 0.00	18.77 -0.44 0.00	19.86 -0.47 0.00	22.87 -0.49 0.00	29.01 -0.53 0.00	36.03 -0.59 0.00	40.53 -0.53 0.00	45.64 -0.28 0.00	37.74 -0.42 0.00	30.99 -0.38 0.00	25.48 -0.21 0.00
OCC_CHEM___DRP 24175	20.81 -1.78 0.00	18.88 -1.71 0.00	17.09 -1.17 0.00	16.36 -1.10 0.00	18.94 -1.32 0.00	20.70 -1.68 0.00	22.55 -2.12 0.00	20.73 -2.30 0.00	18.58 -1.90 0.00	16.64 -1.81 0.00	17.03 -1.93 0.00	17.01 -1.97 0.00	17.31 -2.01 0.00	17.09 -2.09 0.00	17.06 -2.15 0.00	17.99 -2.34 0.00	20.77 -2.59 0.00	26.38 -3.16 0.00	32.80 -3.81 0.00	37.12 -3.94 0.00	42.06 -3.86 0.00	34.54 -3.63 0.00	28.48 -2.89 0.00	23.99 -1.70 0.00
OH_GEN_PROXY 24063	20.92 -1.67 0.00	19.01 -1.59 0.00	17.20 -1.06 0.00	16.50 -0.96 0.00	19.06 -1.19 0.00	20.83 -1.54 0.00	22.78 -1.90 0.00	20.98 -2.05 0.00	18.76 -1.72 0.00	16.82 -1.62 0.00	17.24 -1.73 0.00	17.21 -1.76 0.00	17.53 -1.80 0.00	17.30 -1.88 0.00	17.27 -1.94 0.00	18.21 -2.11 0.00	21.05 -2.31 0.00	26.76 -2.78 0.00	33.17 -3.44 0.00	37.57 -3.49 0.00	42.52 -3.40 0.00	34.96 -3.21 0.00	28.79 -2.57 0.00	24.17 -1.52 0.00
OLIN_CORP_DRP 24177	20.69 -1.90 0.00	18.78 -1.81 0.00	16.99 -1.26 0.00	16.27 -1.19 0.00	18.84 -1.42 0.00	20.58 -1.79 0.00	22.51 -2.17 0.00	20.68 -2.35 0.00	18.51 -1.97 0.00	16.58 -1.86 0.00	16.97 -1.99 0.00	16.95 -2.03 0.00	17.26 -2.07 0.00	17.03 -2.15 0.00	17.00 -2.21 0.00	17.93 -2.40 0.00	20.72 -2.64 0.00	26.32 -3.22 0.00	32.73 -3.88 0.00	37.08 -3.98 0.00	42.01 -3.90 0.00	34.50 -3.66 0.00	28.45 -2.92 0.00	23.91 -1.77 0.00
OLIN_CORP_DSASP 323712	20.78 -1.81 0.00	18.88 -1.71 0.00	17.09 -1.17 0.00	16.41 -1.05 0.00	18.94 -1.32 0.00	20.69 -1.68 0.00	22.55 -2.12 0.00	20.75 -2.28 0.00	18.58 -1.90 0.00	16.64 -1.81 0.00	17.03 -1.93 0.00	17.00 -1.97 0.00	17.31 -2.01 0.00	17.09 -2.09 0.00	17.06 -2.15 0.00	17.99 -2.34 0.00	20.77 -2.59 0.00	26.44 -3.10 0.00	32.80 -3.81 0.00	37.16 -3.90 0.00	42.01 -3.90 0.00	34.54 -3.63 0.00	28.48 -2.88 0.00	23.96 -1.72 0.00
ONEIDA_HERK_LFGE 323681	22.73 0.14 0.00	20.63 0.04 0.00	18.31 0.05 0.00	17.51 0.05 0.00	20.40 0.14 0.00	22.51 0.14 0.00	24.75 0.07 0.00	23.08 0.05 0.00	20.46 -0.02 0.00	18.35 -0.09 0.00	18.87 -0.09 0.00	18.88 -0.09 0.00	19.21 -0.12 0.00	18.98 -0.19 0.00	19.06 -0.15 0.00	20.15 -0.18 0.00	23.22 -0.14 0.00	29.48 -0.06 0.00	36.76 0.15 0.00	41.43 0.37 0.00	46.47 0.55 0.00	38.58 0.42 0.00	31.71 0.35 0.00	25.94 0.26 0.00
ONEIDA___115KV_TB4 55905	22.84 0.25 0.00	20.80 0.21 0.00	18.49 0.24 0.00	17.67 0.21 0.00	20.48 0.22 0.00	22.60 0.22 0.00	24.82 0.15 0.00	23.12 0.09 0.00	20.52 0.04 0.00	18.41 -0.04 0.00	18.93 -0.04 0.00	18.94 -0.04 0.00	19.27 -0.06 0.00	19.04 -0.13 0.00	19.12 -0.10 0.00	20.21 -0.12 0.00	23.32 -0.05 0.00	29.63 0.09 0.00	36.87 0.26 0.00	41.52 0.45 0.00	46.65 0.73 0.00	38.70 0.53 0.00	31.80 0.44 0.00	26.04 0.36 0.00
ONONDAGA_REF_OCCRA 23987	22.12 -0.47 0.00	20.20 -0.39 0.00	17.98 -0.27 0.00	17.18 -0.28 0.00	19.87 -0.38 0.00	21.88 -0.49 0.00	24.06 -0.62 0.00	22.43 -0.60 0.00	19.93 -0.55 0.00	17.91 -0.53 0.00	18.40 -0.57 0.00	18.43 -0.55 0.00	18.76 -0.56 0.00	18.58 -0.59 0.00	18.62 -0.60 0.00	19.68 -0.65 0.00	22.68 -0.68 0.00	28.80 -0.74 0.00	35.73 -0.88 0.00	40.16 -0.90 0.00	45.14 -0.78 0.00	37.36 -0.80 0.00	30.74 -0.63 0.00	25.22 -0.46 0.00
ONONDAGA___COGEN 23986	22.03 -0.56 0.00	20.10 -0.49 0.00	17.89 -0.37 0.00	17.09 -0.37 0.00	19.79 -0.47 0.00	21.77 -0.60 0.00	23.96 -0.72 0.00	22.32 -0.71 0.00	19.82 -0.66 0.00	17.82 -0.63 0.00	18.30 -0.66 0.00	18.33 -0.65 0.00	18.67 -0.66 0.00	18.49 -0.69 0.00	18.52 -0.69 0.00	19.58 -0.75 0.00	22.57 -0.79 0.00	28.65 -0.89 0.00	35.59 -1.03 0.00	40.00 -1.07 0.00	45.00 -0.92 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.09 -0.59 0.00
ONTARIO___LFGE 23819	22.07 -0.52 0.00	20.12 -0.47 0.00	18.02 -0.24 0.00	17.25 -0.21 0.00	19.91 -0.34 0.00	21.88 -0.49 0.00	24.03 -0.64 0.00	22.32 -0.71 0.00	19.78 -0.70 0.00	17.73 -0.72 0.00	18.19 -0.78 0.00	18.18 -0.80 0.00	18.51 -0.81 0.00	18.29 -0.88 0.00	18.31 -0.90 0.00	19.35 -0.98 0.00	22.38 -0.98 0.00	28.53 -1.00 0.00	35.59 -1.02 0.00	40.28 -0.78 0.00	45.27 -0.64 0.00	37.44 -0.73 0.00	30.74 -0.63 0.00	25.27 -0.41 0.00
ORANGEVILLE_WT_PWR 323706	21.46 -1.13 0.00	19.58 -1.01 0.00	17.65 -0.60 0.00	16.94 -0.52 0.00	19.52 -0.73 0.00	21.37 -1.01 0.00	23.34 -1.33 0.00	21.49 -1.54 0.00	19.13 -1.35 0.00	17.15 -1.29 0.00	17.56 -1.40 0.00	17.52 -1.46 0.00	17.84 -1.49 0.00	17.60 -1.57 0.00	17.58 -1.63 0.00	18.56 -1.77 0.00	21.45 -1.92 0.00	27.32 -2.22 0.00	34.05 -2.56 0.00	38.81 -2.26 0.00	44.03 -1.88 0.00	36.14 -2.02 0.00	29.73 -1.63 0.00	24.76 -0.92 0.00
ORANGEVILLE___ESR 323794	21.46 -1.13 0.00	19.58 -1.01 0.00	17.65 -0.60 0.00	16.94 -0.52 0.00	19.52 -0.73 0.00	21.37 -1.01 0.00	23.34 -1.33 0.00	21.49 -1.54 0.00	19.13 -1.35 0.00	17.15 -1.29 0.00	17.56 -1.40 0.00	17.52 -1.46 0.00	17.84 -1.49 0.00	17.60 -1.57 0.00	17.58 -1.63 0.00	18.56 -1.77 0.00	21.45 -1.92 0.00	27.32 -2.22 0.00	34.05 -2.56 0.00	38.81 -2.26 0.00	44.03 -1.88 0.00	36.14 -2.02 0.00	29.73 -1.63 0.00	24.76 -0.92 0.00
OSWEGATCHIE___HYD 24044	22.11 -0.48 0.00	19.95 -0.64 0.00	17.65 -0.60 0.00	16.92 -0.54 0.00	19.79 -0.47 0.00	21.88 -0.49 0.00	24.26 -0.42 0.00	22.66 -0.37 0.00	20.03 -0.45 0.00	17.93 -0.52 0.00	18.45 -0.51 0.00	18.41 -0.57 0.00	18.74 -0.58 0.00	18.54 -0.63 0.00	18.56 -0.65 0.00	19.64 -0.69 0.00	22.64 -0.72 0.00	28.77 -0.77 0.00	35.99 -0.62 0.00	40.70 -0.37 0.00	45.37 -0.55 0.00	37.85 -0.31 0.00	31.11 -0.25 0.00	25.27 -0.41 0.00
OSWEGO___5 23606	21.64 -0.95 0.00	19.75 -0.85 0.00	17.58 -0.68 0.00	16.83 -0.63 0.00	19.46 -0.79 0.00	21.43 -0.94 0.00	23.59 -1.09 0.00	21.97 -1.06 0.00	19.54 -0.94 0.00	17.56 -0.89 0.00	18.06 -0.91 0.00	18.07 -0.91 0.00	18.40 -0.93 0.00	18.22 -0.96 0.00	18.25 -0.96 0.00	19.31 -1.02 0.00	22.24 -1.12 0.00	28.21 -1.33 0.00	34.96 -1.65 0.00	39.30 -1.76 0.00	44.13 -1.79 0.00	36.56 -1.60 0.00	30.05 -1.32 0.00	24.68 -1.00 0.00
OSWEGO___6 23613	21.64 -0.95 0.00	19.75 -0.85 0.00	17.58 -0.68 0.00	16.83 -0.63 0.00	19.46 -0.79 0.00	21.43 -0.94 0.00	23.59 -1.09 0.00	21.97 -1.06 0.00	19.54 -0.94 0.00	17.56 -0.89 0.00	18.06 -0.91 0.00	18.07 -0.91 0.00	18.40 -0.93 0.00	18.22 -0.96 0.00	18.25 -0.96 0.00	19.31 -1.02 0.00	22.24 -1.12 0.00	28.21 -1.33 0.00	34.96 -1.65 0.00	39.30 -1.76 0.00	44.13 -1.79 0.00	36.56 -1.60 0.00	30.05 -1.32 0.00	24.68 -1.00 0.00

OUTOKUMPU-AB___DRP 24206	21.12 -1.47 0.00	19.21 -1.38 0.00	17.38 -0.88 0.00	16.64 -0.82 0.00	19.24 -1.01 0.00	21.01 -1.36 0.00	22.92 -1.75 0.00	21.07 -1.96 0.00	18.90 -1.58 0.00	16.93 -1.51 0.00	17.32 -1.65 0.00	17.27 -1.71 0.00	17.58 -1.74 0.00	17.35 -1.82 0.00	17.31 -1.90 0.00	18.26 -2.07 0.00	21.12 -2.24 0.00	26.88 -2.66 0.00	33.46 -3.15 0.00	37.94 -3.12 0.00	43.02 -2.89 0.00	35.26 -2.90 0.00	29.04 -2.32 0.00	24.42 -1.26 0.00
OXBOW___BTM 323836	20.96 -1.63 0.00	19.07 -1.52 0.00	17.27 -0.99 0.00	16.57 -0.89 0.00	19.10 -1.15 0.00	20.87 -1.50 0.00	22.78 -1.90 0.00	20.94 -2.10 0.00	18.76 -1.72 0.00	16.80 -1.64 0.00	17.20 -1.76 0.00	17.16 -1.82 0.00	17.47 -1.86 0.00	17.24 -1.94 0.00	17.22 -2.00 0.00	18.13 -2.20 0.00	20.98 -2.38 0.00	26.70 -2.84 0.00	33.17 -3.44 0.00	37.62 -3.45 0.00	42.57 -3.35 0.00	34.92 -3.24 0.00	28.79 -2.57 0.00	24.22 -1.46 0.00
OXBOW___ 24026	20.99 -1.60 0.00	19.07 -1.52 0.00	17.25 -1.00 0.00	16.52 -0.94 0.00	19.10 -1.15 0.00	20.87 -1.50 0.00	22.78 -1.90 0.00	20.91 -2.12 0.00	18.76 -1.72 0.00	16.80 -1.64 0.00	17.20 -1.76 0.00	17.16 -1.82 0.00	17.47 -1.86 0.00	17.24 -1.94 0.00	17.20 -2.02 0.00	18.13 -2.20 0.00	20.98 -2.38 0.00	26.64 -2.89 0.00	33.17 -3.44 0.00	37.58 -3.49 0.00	42.57 -3.35 0.00	34.92 -3.24 0.00	28.79 -2.57 0.00	24.22 -1.46 0.00
OXY_CHEM_DSASP 323612	20.81 -1.78 0.00	18.88 -1.71 0.00	17.09 -1.17 0.00	16.36 -1.10 0.00	18.94 -1.32 0.00	20.70 -1.68 0.00	22.55 -2.12 0.00	20.73 -2.30 0.00	18.58 -1.90 0.00	16.64 -1.81 0.00	17.03 -1.93 0.00	17.01 -1.97 0.00	17.31 -2.01 0.00	17.09 -2.09 0.00	17.06 -2.15 0.00	17.99 -2.34 0.00	20.77 -2.59 0.00	26.38 -3.16 0.00	32.80 -3.81 0.00	37.12 -3.94 0.00	42.06 -3.86 0.00	34.54 -3.63 0.00	28.48 -2.89 0.00	23.99 -1.70 0.00
OZONE_PARK_ESR 323760	23.95 1.36 0.00	22.12 1.52 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.54 1.16 0.00	25.96 1.28 0.00	24.35 1.31 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.79 1.58 0.00	22.02 1.69 0.00	25.11 1.75 0.00	31.66 2.13 0.00	39.03 2.42 0.00	43.32 2.26 0.00	48.40 2.48 0.00	40.22 2.06 0.00	33.03 1.66 0.00	27.04 1.36 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.81 -1.78 0.00	18.88 -1.71 0.00	17.09 -1.17 0.00	16.36 -1.10 0.00	18.94 -1.32 0.00	20.70 -1.68 0.00	22.55 -2.12 0.00	20.73 -2.30 0.00	18.58 -1.90 0.00	16.64 -1.81 0.00	17.03 -1.93 0.00	17.01 -1.97 0.00	17.31 -2.01 0.00	17.09 -2.09 0.00	17.06 -2.15 0.00	17.99 -2.34 0.00	20.77 -2.59 0.00	26.38 -3.16 0.00	32.80 -3.81 0.00	37.12 -3.94 0.00	42.06 -3.86 0.00	34.54 -3.63 0.00	28.48 -2.89 0.00	23.99 -1.70 0.00
PACKARD__115KV_DUPONT_184 80571	20.81 -1.78 0.00	18.88 -1.71 0.00	17.09 -1.17 0.00	16.36 -1.10 0.00	18.94 -1.32 0.00	20.70 -1.68 0.00	22.55 -2.12 0.00	20.73 -2.30 0.00	18.58 -1.90 0.00	16.64 -1.81 0.00	17.03 -1.93 0.00	17.01 -1.97 0.00	17.31 -2.01 0.00	17.09 -2.09 0.00	17.06 -2.15 0.00	17.99 -2.34 0.00	20.77 -2.59 0.00	26.38 -3.16 0.00	32.80 -3.81 0.00	37.12 -3.94 0.00	42.06 -3.86 0.00	34.54 -3.63 0.00	28.48 -2.89 0.00	23.99 -1.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.88 1.29 0.00	22.07 1.48 0.00	19.55 1.30 0.00	18.63 1.17 0.00	21.43 1.17 0.00	23.36 0.98 0.00	25.69 1.01 0.00	24.14 1.11 0.00	21.69 1.21 0.00	19.67 1.24 0.02	20.25 1.29 0.00	20.33 1.35 0.00	20.70 1.39 0.02	20.61 1.44 0.00	20.66 1.46 0.02	21.87 1.55 0.00	24.95 1.59 0.00	31.43 1.89 0.00	38.73 2.12 0.00	42.95 1.89 0.00	47.89 1.97 0.00	39.80 1.64 0.00	33.00 1.63 0.00	26.86 1.18 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.06 1.47 0.00	22.24 1.65 0.00	19.71 1.46 0.00	18.80 1.34 0.00	21.63 1.38 0.00	23.56 1.19 0.00	25.91 1.23 0.00	24.32 1.29 0.00	21.81 1.33 0.00	19.78 1.35 0.02	20.35 1.38 0.00	20.42 1.44 0.00	20.78 1.47 0.02	20.69 1.51 0.00	20.74 1.54 0.02	21.96 1.63 0.00	25.04 1.68 0.00	31.58 2.04 0.00	38.92 2.31 0.00	43.16 2.09 0.00	48.12 2.20 0.00	39.99 1.83 0.00	33.15 1.79 0.00	26.99 1.31 0.00
PATROON__115KV_TB1 80586	22.91 0.32 0.00	20.98 0.39 0.00	18.62 0.37 0.00	17.77 0.31 0.00	20.52 0.26 0.00	22.57 0.20 0.00	24.87 0.20 0.00	23.22 0.18 0.00	20.58 0.10 0.00	18.56 0.11 0.00	19.08 0.11 0.00	19.09 0.11 0.00	19.44 0.12 0.00	19.33 0.15 0.00	19.39 0.17 0.00	20.49 0.16 0.00	23.57 0.21 0.00	29.71 0.18 0.00	36.72 0.11 0.00	41.19 0.12 0.00	45.87 -0.05 0.00	38.24 0.08 0.00	31.46 0.09 0.00	25.86 0.18 0.00
PATTRSNVILLE___SOLAR 323815	23.25 0.66 0.00	21.29 0.70 0.00	18.89 0.64 0.00	18.05 0.59 0.00	20.86 0.61 0.00	22.98 0.60 0.00	25.27 0.59 0.00	23.52 0.48 0.00	20.77 0.29 0.00	18.63 0.18 0.00	19.15 0.19 0.00	19.17 0.19 0.00	19.50 0.17 0.00	19.39 0.21 0.00	19.43 0.21 0.00	20.53 0.20 0.00	23.64 0.28 0.00	29.98 0.44 0.00	37.42 0.80 0.00	42.09 1.03 0.00	47.07 1.15 0.00	39.15 0.99 0.00	32.15 0.78 0.00	26.38 0.69 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.39 -1.20 0.00	19.54 -1.05 0.00	17.63 -0.62 0.00	16.88 -0.58 0.00	19.48 -0.77 0.00	21.30 -1.07 0.00	23.27 -1.41 0.00	21.44 -1.59 0.00	19.23 -1.25 0.00	17.26 -1.18 0.00	17.66 -1.31 0.00	17.61 -1.37 0.00	17.93 -1.39 0.00	17.68 -1.50 0.00	17.64 -1.58 0.00	18.62 -1.71 0.00	21.56 -1.80 0.00	27.38 -2.16 0.00	34.12 -2.49 0.00	38.72 -2.34 0.00	43.94 -1.97 0.00	35.95 -2.21 0.00	29.58 -1.79 0.00	24.71 -0.98 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.72 1.13 0.00	21.87 1.28 0.00	19.37 1.11 0.00	18.44 0.98 0.00	21.23 0.97 0.00	23.38 1.01 0.00	25.71 1.04 0.00	24.07 1.04 0.00	21.48 1.00 0.00	19.40 0.96 0.00	20.01 1.04 0.00	20.08 1.10 0.00	20.44 1.12 0.00	20.37 1.19 0.00	20.41 1.19 0.00	21.65 1.32 0.00	24.79 1.43 0.00	31.31 1.77 0.00	38.66 2.05 0.00	43.00 1.93 0.00	48.12 2.20 0.00	39.92 1.76 0.00	32.78 1.41 0.00	26.86 1.18 0.00
PEEKSKILL___ 23653	23.63 1.04 0.00	21.77 1.17 0.00	19.28 1.02 0.00	18.35 0.89 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.59 0.91 0.00	23.95 0.92 0.00	21.44 0.96 0.00	19.42 0.98 0.00	20.01 1.04 0.00	20.06 1.08 0.00	20.44 1.12 0.00	20.35 1.17 0.00	20.39 1.17 0.00	21.61 1.28 0.00	24.69 1.33 0.00	31.13 1.59 0.00	38.40 1.79 0.00	42.67 1.60 0.00	47.71 1.79 0.00	39.65 1.49 0.00	32.56 1.19 0.00	26.63 0.95 0.00
PGE MADISON___WINDPWR 24146	23.81 1.22 0.00	21.70 1.11 0.00	19.35 1.10 0.00	18.47 1.01 0.00	21.37 1.11 0.00	23.58 1.21 0.00	25.74 1.06 0.00	23.91 0.88 0.00	21.09 0.61 0.00	18.85 0.41 0.00	19.34 0.38 0.00	19.32 0.34 0.00	19.57 0.25 0.00	19.23 0.06 0.00	19.37 0.15 0.00	20.47 0.14 0.00	23.71 0.35 0.00	30.36 0.83 0.00	38.15 1.54 0.00	43.24 2.18 0.00	48.90 2.98 0.00	40.41 2.25 0.00	33.18 1.82 0.00	27.15 1.46 0.00

PIERCEFIELD___HYD 23852	22.14 -0.45 0.00	19.99 -0.60 0.00	17.67 -0.58 0.00	16.95 -0.51 0.00	19.81 -0.45 0.00	21.95 -0.43 0.00	24.48 -0.20 0.00	22.92 -0.12 0.00	20.30 -0.18 0.00	18.21 -0.24 0.00	18.74 -0.23 0.00	18.66 -0.32 0.00	19.01 -0.31 0.00	18.83 -0.35 0.00	18.85 -0.37 0.00	19.92 -0.41 0.00	22.97 -0.40 0.00	29.09 -0.44 0.00	36.32 -0.29 0.00	41.07 0.00 0.00	45.50 -0.41 0.00	38.05 -0.11 0.00	31.27 -0.09 0.00	25.32 -0.36 0.00
PINELAWN_CC_1 323563	30.77 1.78 -6.39	27.72 1.85 -5.27	22.34 1.66 -2.43	21.35 1.52 -2.37	22.97 1.58 -1.14	25.16 1.61 -1.17	27.34 1.75 -0.91	25.81 1.68 -1.09	23.63 1.66 -1.49	21.80 1.60 -1.75	25.97 1.63 -5.37	26.00 1.67 -5.35	26.67 1.70 -5.64	27.93 1.74 -7.01	27.38 1.77 -6.40	29.22 1.91 -6.98	32.86 2.03 -7.46	52.48 2.57 -20.38	52.22 2.93 -12.68	48.29 2.71 -4.52	55.40 2.98 -6.50	48.48 2.52 -7.80	38.55 2.16 -5.02	32.86 1.77 -5.41
PJM_GEN_HTTP_PROXY 323702	23.85 1.26 0.00	21.97 1.38 0.00	19.46 1.20 0.00	18.53 1.07 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.67 1.19 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.00 1.93 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.81 1.44 0.00	26.84 1.16 0.00
PJM_GEN_KEystone 24065	22.50 -0.09 0.00	20.65 0.06 0.00	18.44 0.18 0.00	17.60 0.14 0.00	20.27 0.02 0.00	22.24 -0.13 0.00	24.43 -0.25 0.00	22.71 -0.32 0.00	20.32 -0.16 0.00	18.39 -0.06 0.00	18.87 -0.09 0.00	18.90 -0.08 0.00	19.25 -0.08 0.00	19.10 -0.08 0.00	19.10 -0.11 0.00	20.21 -0.12 0.00	23.20 -0.16 0.00	29.30 -0.24 0.00	36.24 -0.37 0.00	40.61 -0.45 0.00	45.69 -0.23 0.00	37.78 -0.38 0.00	31.02 -0.34 0.00	25.58 -0.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.45 1.45 -0.41	22.73 1.59 -0.55	19.90 1.42 -0.22	18.95 1.27 -0.21	21.68 1.34 -0.09	23.79 1.32 -0.10	26.21 1.46 -0.07	24.55 1.43 -0.09	22.00 1.39 -0.12	19.99 1.38 -0.16	20.93 1.40 -0.56	21.00 1.46 -0.56	21.38 1.47 -0.59	21.29 1.50 -0.62	21.40 1.52 -0.67	22.46 1.59 -0.54	26.20 1.66 -1.17	34.92 2.04 -3.35	37.93 2.31 0.99	43.62 2.09 -0.46	47.39 2.34 0.86	39.47 1.95 0.64	33.49 1.66 -0.47	27.47 1.41 -0.37
PJM_GEN_VFT_PROXY 323633	23.74 1.15 0.00	21.89 1.30 0.00	19.39 1.13 0.00	18.47 1.01 0.00	21.23 0.97 0.00	23.31 0.94 0.00	25.69 1.01 0.00	24.07 1.04 0.00	21.61 1.13 0.00	19.63 1.18 0.00	20.20 1.23 0.00	20.27 1.29 0.00	20.66 1.33 0.00	20.56 1.38 0.00	20.62 1.40 0.00	21.81 1.48 0.00	24.86 1.50 0.00	31.34 1.80 0.00	38.59 1.98 0.00	42.75 1.68 0.00	47.75 1.84 0.01	39.76 1.60 0.00	32.65 1.29 0.00	26.71 1.03 0.00
PLATSBURG_115KV_PMLD1 355749	22.86 0.27 0.00	20.69 0.10 0.00	18.33 0.07 0.00	17.58 0.12 0.00	20.48 0.22 0.00	22.69 0.31 0.00	25.19 0.52 0.00	23.61 0.58 0.00	20.97 0.49 0.00	18.83 0.39 0.00	19.40 0.44 0.00	19.32 0.34 0.00	19.69 0.37 0.00	19.52 0.35 0.00	19.50 0.29 0.00	20.63 0.30 0.00	23.76 0.40 0.00	30.07 0.53 0.00	37.45 0.84 0.00	42.22 1.15 0.00	46.97 1.06 0.00	39.00 0.84 0.00	31.99 0.63 0.00	26.07 0.39 0.00
PLEASANTVLY___LBMP 24000	23.47 0.88 0.00	21.64 1.05 0.00	19.17 0.91 0.00	18.28 0.82 0.00	21.02 0.77 0.00	23.11 0.74 0.00	25.49 0.81 0.00	23.84 0.81 0.00	21.30 0.82 0.00	19.28 0.83 0.00	19.84 0.87 0.00	19.89 0.91 0.00	20.25 0.93 0.00	20.15 0.98 0.00	20.21 1.00 0.00	21.41 1.08 0.00	24.48 1.12 0.00	30.90 1.36 0.00	38.11 1.50 0.00	42.42 1.36 0.00	47.43 1.52 0.00	39.38 1.22 0.00	32.37 1.00 0.00	26.53 0.85 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.58 0.99 0.00	21.75 1.15 0.00	19.26 1.00 0.00	18.37 0.91 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.59 0.91 0.00	23.95 0.92 0.00	21.42 0.94 0.00	19.40 0.96 0.00	19.97 1.01 0.00	20.04 1.06 0.00	20.41 1.08 0.00	20.31 1.13 0.00	20.35 1.13 0.00	21.59 1.26 0.00	24.67 1.31 0.00	31.10 1.57 0.00	38.37 1.76 0.00	42.67 1.60 0.00	47.71 1.79 0.00	39.65 1.49 0.00	32.56 1.19 0.00	26.66 0.98 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.58 0.99 0.00	21.75 1.15 0.00	19.26 1.00 0.00	18.37 0.91 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.59 0.91 0.00	23.95 0.92 0.00	21.42 0.94 0.00	19.40 0.96 0.00	19.97 1.01 0.00	20.04 1.06 0.00	20.41 1.08 0.00	20.31 1.13 0.00	20.35 1.13 0.00	21.59 1.26 0.00	24.67 1.31 0.00	31.10 1.57 0.00	38.37 1.76 0.00	42.67 1.60 0.00	47.71 1.79 0.00	39.65 1.49 0.00	32.56 1.19 0.00	26.66 0.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.61 1.02 0.00	21.77 1.17 0.00	19.28 1.02 0.00	18.37 0.91 0.00	21.14 0.89 0.00	23.27 0.89 0.00	25.64 0.96 0.00	23.98 0.94 0.00	21.38 0.90 0.00	19.29 0.85 0.00	19.86 0.89 0.00	19.91 0.93 0.00	20.29 0.97 0.00	20.19 1.02 0.00	20.23 1.02 0.00	21.47 1.14 0.00	24.58 1.21 0.00	31.04 1.51 0.00	38.37 1.76 0.00	42.75 1.68 0.00	47.75 1.84 0.00	39.65 1.49 0.00	32.62 1.25 0.00	26.76 1.08 0.00
POLETTI____ 23519	23.76 1.17 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.67 1.19 0.00	19.68 1.24 0.00	20.25 1.29 0.00	20.33 1.35 0.00	20.70 1.37 0.00	20.61 1.44 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.90 1.54 0.00	31.38 1.86 0.02	38.68 2.09 0.02	42.90 1.85 0.02	47.92 2.02 0.02	39.86 1.72 0.02	32.74 1.38 0.00	26.84 1.16 0.00
POMONA___ESR 323819	23.63 1.04 0.00	21.74 1.15 0.00	19.28 1.02 0.00	18.35 0.89 0.00	21.12 0.87 0.00	23.22 0.85 0.00	25.56 0.89 0.00	23.93 0.90 0.00	21.42 0.94 0.00	19.42 0.98 0.00	19.97 1.00 0.00	20.04 1.06 0.00	20.43 1.10 0.00	20.33 1.15 0.00	20.37 1.15 0.00	21.59 1.26 0.00	24.69 1.33 0.00	31.10 1.56 0.00	38.37 1.76 0.00	42.63 1.56 0.00	47.71 1.79 0.00	39.61 1.45 0.00	32.53 1.16 0.00	26.63 0.95 0.00
PORT_JEFF_3 23555	27.15 1.94 -2.61	24.87 2.00 -2.28	21.09 1.79 -1.05	20.12 1.64 -1.02	22.47 1.72 -0.49	24.60 1.72 -0.51	26.94 1.87 -0.39	25.30 1.80 -0.47	22.91 1.78 -0.64	20.93 1.72 -0.77	23.03 1.74 -2.32	23.10 1.80 -2.32	23.60 1.84 -2.44	24.04 1.90 -2.96	23.89 1.90 -2.77	25.33 2.09 -2.91	29.09 2.24 -3.49	42.09 2.86 -9.69	43.95 3.22 -4.11	45.97 2.96 -1.94	51.07 3.26 -1.90	43.42 2.75 -2.51	35.92 2.42 -2.14	29.83 1.93 -2.22
PORT_JEFF_4 23616	27.15 1.94 -2.61	24.87 2.00 -2.28	21.09 1.79 -1.05	20.12 1.64 -1.02	22.47 1.72 -0.49	24.60 1.72 -0.51	26.94 1.87 -0.39	25.30 1.80 -0.47	22.91 1.78 -0.64	20.93 1.72 -0.77	23.03 1.74 -2.32	23.10 1.80 -2.32	23.60 1.84 -2.44	24.04 1.90 -2.96	23.89 1.90 -2.77	25.33 2.09 -2.91	29.09 2.24 -3.49	42.09 2.86 -9.69	43.95 3.22 -4.11	45.97 2.96 -1.94	51.07 3.26 -1.90	43.42 2.75 -2.51	35.92 2.42 -2.14	29.83 1.93 -2.22

PORT_JEFF_IC 23713	27.27 1.92 -2.76	24.99 2.00 -2.40	21.17 1.81 -1.11	20.22 1.68 -1.08	22.52 1.74 -0.52	24.65 1.75 -0.53	26.97 1.88 -0.42	25.35 1.82 -0.50	22.94 1.78 -0.68	20.99 1.73 -0.81	23.18 1.76 -2.45	23.22 1.80 -2.44	23.75 1.86 -2.57	24.22 1.92 -3.12	24.07 1.94 -2.91	25.51 2.11 -3.07	29.27 2.27 -3.65	42.57 2.92 -10.11	44.36 3.29 -4.45	46.15 3.04 -2.05	51.35 3.35 -2.08	43.67 2.79 -2.72	36.06 2.45 -2.25	30.01 1.98 -2.35
PPL PILGRIM_ST_GT1 24216	27.99 2.01 -3.39	25.55 2.06 -2.90	21.44 1.84 -1.34	20.47 1.69 -1.31	22.68 1.78 -0.64	24.84 1.81 -0.65	27.13 1.95 -0.51	25.53 1.89 -0.61	23.15 1.84 -0.83	21.20 1.77 -0.98	23.72 1.80 -2.95	23.78 1.86 -2.94	24.32 1.89 -3.10	24.93 1.96 -3.80	24.69 1.96 -3.52	26.21 2.13 -3.75	29.96 2.29 -4.31	44.35 2.92 -11.89	45.80 3.30 -5.89	46.54 3.00 -2.48	52.08 3.31 -2.86	44.56 2.78 -3.61	36.57 2.48 -2.73	30.57 2.00 -2.88
PPL PILGRIM_ST_GT2 24217	27.99 2.01 -3.39	25.55 2.06 -2.90	21.44 1.84 -1.34	20.47 1.69 -1.31	22.68 1.78 -0.64	24.84 1.81 -0.65	27.13 1.95 -0.51	25.53 1.89 -0.61	23.15 1.84 -0.83	21.20 1.77 -0.98	23.72 1.80 -2.95	23.78 1.86 -2.94	24.32 1.89 -3.10	24.93 1.96 -3.80	24.69 1.96 -3.52	26.21 2.13 -3.75	29.96 2.29 -4.31	44.35 2.92 -11.89	45.80 3.30 -5.89	46.54 3.00 -2.48	52.08 3.31 -2.86	44.56 2.78 -3.61	36.57 2.48 -2.73	30.57 2.00 -2.88
PPL_SHRM_GT3 24213	27.33 2.06 -2.68	25.01 2.08 -2.34	21.21 1.88 -1.07	20.26 1.75 -1.05	22.58 1.82 -0.51	24.70 1.81 -0.52	27.05 1.97 -0.40	25.38 1.86 -0.48	23.00 1.86 -0.66	21.00 1.77 -0.79	23.17 1.82 -2.38	23.21 1.86 -2.37	23.74 1.91 -2.50	24.19 1.98 -3.04	24.03 1.98 -2.84	25.51 2.20 -2.98	29.28 2.36 -3.56	42.52 3.10 -9.88	44.40 3.52 -4.27	46.35 3.29 -1.99	51.53 3.63 -1.98	43.78 3.01 -2.61	36.19 2.63 -2.19	30.05 2.08 -2.28
PPL_SHRM_GT4 24214	27.33 2.06 -2.68	25.01 2.08 -2.34	21.21 1.88 -1.07	20.26 1.75 -1.05	22.58 1.82 -0.51	24.70 1.81 -0.52	27.05 1.97 -0.40	25.38 1.86 -0.48	23.00 1.86 -0.66	21.00 1.77 -0.79	23.17 1.82 -2.38	23.21 1.86 -2.37	23.74 1.91 -2.50	24.19 1.98 -3.04	24.03 1.98 -2.84	25.51 2.20 -2.98	29.28 2.36 -3.56	42.52 3.10 -9.88	44.40 3.52 -4.27	46.35 3.29 -1.99	51.53 3.63 -1.98	43.78 3.01 -2.61	36.19 2.63 -2.19	30.05 2.08 -2.28
PROJECT___ORANGE 1 24174	22.07 -0.52 0.00	20.14 -0.45 0.00	17.93 -0.33 0.00	17.15 -0.31 0.00	19.83 -0.43 0.00	21.81 -0.56 0.00	24.01 -0.67 0.00	22.36 -0.67 0.00	19.89 -0.59 0.00	17.85 -0.59 0.00	18.36 -0.61 0.00	18.39 -0.59 0.00	18.73 -0.60 0.00	18.54 -0.63 0.00	18.58 -0.63 0.00	19.64 -0.69 0.00	22.64 -0.72 0.00	28.74 -0.80 0.00	35.62 -0.99 0.00	40.00 -1.07 0.00	44.95 -0.96 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.14 -0.54 0.00
PROJECT___ORANGE 2 24166	22.07 -0.52 0.00	20.14 -0.45 0.00	17.93 -0.33 0.00	17.15 -0.31 0.00	19.83 -0.43 0.00	21.81 -0.56 0.00	24.01 -0.67 0.00	22.36 -0.67 0.00	19.89 -0.59 0.00	17.85 -0.59 0.00	18.36 -0.61 0.00	18.39 -0.59 0.00	18.73 -0.60 0.00	18.54 -0.63 0.00	18.58 -0.63 0.00	19.64 -0.69 0.00	22.64 -0.72 0.00	28.74 -0.80 0.00	35.62 -0.99 0.00	40.00 -1.07 0.00	44.95 -0.96 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.14 -0.54 0.00
PUCKETT___SOLAR 323809	22.75 0.16 0.00	20.80 0.21 0.00	18.53 0.27 0.00	17.70 0.24 0.00	20.46 0.20 0.00	22.51 0.14 0.00	24.70 0.02 0.00	22.96 -0.07 0.00	20.38 -0.10 0.00	18.30 -0.15 0.00	18.78 -0.19 0.00	18.77 -0.21 0.00	19.07 -0.25 0.00	18.87 -0.31 0.00	18.91 -0.31 0.00	20.00 -0.33 0.00	23.06 -0.30 0.00	29.33 -0.21 0.00	36.57 -0.04 0.00	41.23 0.16 0.00	46.47 0.55 0.00	38.43 0.27 0.00	31.55 0.19 0.00	25.89 0.20 0.00
PYRITES___HYD 24023	22.59 0.00 0.00	20.41 -0.19 0.00	18.04 -0.22 0.00	17.30 -0.16 0.00	20.21 -0.04 0.00	22.42 0.04 0.00	24.95 0.27 0.00	23.33 0.30 0.00	20.60 0.12 0.00	18.45 0.00 0.00	18.98 0.02 0.00	18.88 -0.09 0.00	19.25 -0.08 0.00	19.06 -0.12 0.00	19.08 -0.13 0.00	20.19 -0.14 0.00	23.27 -0.09 0.00	29.51 -0.03 0.00	36.98 0.37 0.00	41.89 0.82 0.00	46.51 0.60 0.00	38.89 0.73 0.00	31.93 0.56 0.00	25.86 0.18 0.00
QUAKERRD_115KV_BK1 80622	21.17 -1.42 0.00	19.25 -1.34 0.00	17.27 -0.99 0.00	16.55 -0.91 0.00	19.14 -1.11 0.00	20.99 -1.39 0.00	23.10 -1.58 0.00	21.42 -1.61 0.00	19.03 -1.45 0.00	17.06 -1.38 0.00	17.52 -1.44 0.00	17.54 -1.45 0.00	17.87 -1.45 0.00	17.66 -1.51 0.00	17.68 -1.54 0.00	18.68 -1.65 0.00	21.61 -1.75 0.00	27.44 -2.10 0.00	34.12 -2.49 0.00	38.48 -2.59 0.00	43.44 -2.48 0.00	35.83 -2.33 0.00	29.45 -1.91 0.00	24.37 -1.31 0.00
QUENSBRY_115KV_TB8 356137	23.54 0.95 0.00	21.54 0.95 0.00	19.13 0.88 0.00	18.28 0.82 0.00	21.14 0.89 0.00	23.29 0.92 0.00	25.49 0.81 0.00	23.75 0.71 0.00	20.91 0.43 0.00	18.72 0.28 0.00	19.25 0.28 0.00	19.28 0.30 0.00	19.59 0.27 0.00	19.50 0.33 0.00	19.58 0.37 0.00	20.67 0.35 0.00	23.90 0.54 0.00	30.28 0.74 0.00	37.75 1.13 0.00	42.46 1.40 0.00	47.43 1.52 0.00	39.54 1.37 0.00	32.34 0.97 0.00	26.58 0.90 0.00
RAMAPO___LBMP 323565	23.49 0.90 0.00	21.66 1.07 0.00	19.20 0.95 0.00	18.30 0.84 0.00	21.04 0.79 0.00	23.13 0.76 0.00	25.49 0.81 0.00	23.86 0.83 0.00	21.34 0.86 0.00	19.35 0.90 0.00	19.91 0.95 0.00	19.98 1.01 0.00	20.35 1.02 0.00	20.25 1.07 0.00	20.29 1.08 0.00	21.51 1.18 0.00	24.60 1.24 0.00	30.98 1.45 0.00	38.22 1.61 0.00	42.50 1.44 0.00	47.52 1.61 0.00	39.46 1.30 0.00	32.43 1.07 0.00	26.56 0.87 0.00
RANKINE____ 23646	21.32 -1.27 0.00	19.44 -1.15 0.00	17.56 -0.69 0.00	16.81 -0.65 0.00	19.42 -0.83 0.00	21.21 -1.16 0.00	23.20 -1.48 0.00	21.33 -1.70 0.00	19.13 -1.35 0.00	17.15 -1.29 0.00	17.54 -1.42 0.00	17.50 -1.48 0.00	17.82 -1.51 0.00	17.58 -1.59 0.00	17.54 -1.67 0.00	18.50 -1.83 0.00	21.40 -1.96 0.00	27.20 -2.33 0.00	33.90 -2.71 0.00	38.44 -2.63 0.00	43.58 -2.34 0.00	35.72 -2.44 0.00	29.42 -1.94 0.00	24.66 -1.03 0.00
RAVENSWOOD_GT2_1 24244	23.79 1.20 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.54 1.08 0.00	21.33 1.07 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT2_2 24245	23.79 1.20 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.54 1.08 0.00	21.33 1.07 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00

RAVENSWOOD_GT2_3 24246	23.81 1.22 0.00	21.99 1.40 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.25 1.29 0.00	20.33 1.35 0.00	20.70 1.37 0.00	20.61 1.44 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.49 1.95 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.08 2.16 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT2_4 24247	23.81 1.22 0.00	21.99 1.40 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.25 1.29 0.00	20.33 1.35 0.00	20.70 1.37 0.00	20.61 1.44 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.49 1.95 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.08 2.16 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT3_1 24248	23.79 1.20 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.67 1.19 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.85 1.52 0.00	24.93 1.57 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.00 1.93 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.81 1.44 0.00	26.86 1.18 0.00
RAVENSWOOD_GT3_2 24249	23.79 1.20 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.67 1.19 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.85 1.52 0.00	24.93 1.57 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.00 1.93 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.81 1.44 0.00	26.86 1.18 0.00
RAVENSWOOD_GT3_3 24250	23.81 1.22 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.68 1.24 0.00	20.25 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.61 1.44 0.00	20.67 1.46 0.00	21.87 1.55 0.00	24.97 1.61 0.00	31.49 1.95 0.00	38.81 2.20 0.00	43.08 2.01 0.00	48.12 2.20 0.00	39.99 1.83 0.00	32.84 1.47 0.00	26.92 1.23 0.00
RAVENSWOOD_GT3_4 24251	23.81 1.22 0.00	22.01 1.42 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.68 1.24 0.00	20.25 1.29 0.00	20.33 1.35 0.00	20.72 1.39 0.00	20.61 1.44 0.00	20.67 1.46 0.00	21.87 1.55 0.00	24.97 1.61 0.00	31.49 1.95 0.00	38.81 2.20 0.00	43.08 2.01 0.00	48.12 2.20 0.00	39.99 1.83 0.00	32.84 1.47 0.00	26.92 1.23 0.00
RAVENSWOOD_GT_1 23729	23.92 1.33 0.00	22.10 1.50 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.45 1.07 0.00	25.81 1.14 0.00	24.25 1.22 0.00	21.77 1.29 0.00	19.77 1.33 0.00	20.35 1.38 0.00	20.42 1.44 0.00	20.79 1.47 0.00	20.71 1.53 0.00	20.75 1.54 0.00	21.98 1.65 0.00	25.07 1.71 0.00	31.60 2.07 0.00	38.95 2.34 0.00	43.16 2.09 0.00	48.12 2.20 0.00	40.03 1.87 0.00	33.00 1.63 0.00	26.97 1.28 0.00
RAVENSWOOD_GT_10 24258	23.79 1.20 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT_11 24259	23.79 1.20 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT_4 24252	23.81 1.22 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.24 1.27 0.00	20.33 1.35 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT_5 24254	23.81 1.22 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.24 1.27 0.00	20.33 1.35 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT_6 24253	23.81 1.22 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.24 1.27 0.00	20.33 1.35 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT_7 24255	23.81 1.22 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.68 1.24 0.00	20.24 1.27 0.00	20.33 1.35 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.79 1.20 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RAVENSWOOD_GT_9 24257	23.79 1.20 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.21 1.17 0.00	21.69 1.21 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.55 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.04 1.97 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.89 1.21 0.00

RAVENSWOOD___1 23533	24.00 1.40 -0.01	22.10 1.50 -0.01	19.58 1.32 -0.01	18.64 1.17 -0.01	21.44 1.17 -0.01	23.42 1.05 0.00	25.79 1.11 0.00	24.25 1.22 0.00	21.77 1.29 0.00	19.78 1.33 -0.01	20.36 1.38 -0.01	20.43 1.44 -0.01	20.80 1.47 -0.01	20.72 1.53 -0.01	20.76 1.54 -0.01	21.98 1.65 -0.01	25.07 1.70 -0.01	31.57 2.04 0.00	38.92 2.31 0.00	43.12 2.05 0.00	48.12 2.20 0.00	39.99 1.83 0.00	33.00 1.63 -0.01	27.00 1.31 -0.01
RAVENSWOOD___2 23534	24.00 1.40 -0.01	22.10 1.50 -0.01	19.58 1.32 -0.01	18.64 1.17 -0.01	21.44 1.17 -0.01	23.42 1.05 0.00	25.79 1.11 0.00	24.25 1.22 0.00	21.77 1.29 0.00	19.78 1.33 -0.01	20.36 1.38 -0.01	20.43 1.44 -0.01	20.80 1.47 -0.01	20.72 1.53 -0.01	20.76 1.54 -0.01	21.98 1.65 -0.01	25.07 1.70 -0.01	31.57 2.04 0.00	38.92 2.31 0.00	43.12 2.05 0.00	48.12 2.20 0.00	39.99 1.83 0.00	33.00 1.63 -0.01	26.97 1.28 -0.01
RAVENSWOOD___3 23535	23.85 1.26 0.00	21.99 1.40 0.00	19.46 1.20 0.00	18.54 1.08 0.00	21.31 1.05 0.00	23.40 1.03 0.00	25.81 1.14 0.00	24.18 1.15 0.00	21.69 1.21 0.00	19.66 1.22 0.00	20.24 1.27 0.00	20.31 1.33 0.00	20.70 1.37 0.00	20.60 1.42 0.00	20.66 1.44 0.00	21.87 1.54 0.00	24.95 1.59 0.00	31.46 1.92 0.00	38.77 2.16 0.00	43.00 1.93 0.00	48.03 2.11 0.00	39.96 1.79 0.00	32.84 1.47 0.00	26.86 1.18 0.00
RAVENSWOOD___4 23820	24.00 1.40 -0.01	22.10 1.50 -0.01	19.58 1.32 -0.01	18.64 1.17 -0.01	21.44 1.17 -0.01	23.42 1.05 0.00	25.79 1.11 0.00	24.25 1.22 0.00	21.77 1.29 0.00	19.78 1.33 -0.01	20.36 1.38 -0.01	20.43 1.44 -0.01	20.80 1.47 -0.01	20.72 1.53 -0.01	20.76 1.54 -0.01	21.98 1.65 -0.01	25.07 1.70 -0.01	31.57 2.04 0.00	38.92 2.31 0.00	43.12 2.05 0.00	48.08 2.16 0.00	39.99 1.83 0.00	33.00 1.63 -0.01	26.97 1.28 -0.01
RCPL_TRUST___DRP 24196	23.81 1.22 0.00	21.99 1.40 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.72 1.39 0.00	20.63 1.46 0.00	20.67 1.46 0.00	21.89 1.57 0.00	24.97 1.61 0.00	31.49 1.95 0.00	38.81 2.20 0.00	43.08 2.01 0.00	48.12 2.20 0.00	39.99 1.83 0.00	32.84 1.47 0.00	26.89 1.21 0.00
RED___ROCHESTER 323720	21.62 -0.97 0.00	19.65 -0.95 0.00	17.67 -0.58 0.00	16.97 -0.49 0.00	19.59 -0.67 0.00	21.43 -0.94 0.00	23.62 -1.06 0.00	21.88 -1.15 0.00	19.41 -1.07 0.00	17.39 -1.05 0.00	17.88 -1.08 0.00	17.90 -1.08 0.00	18.24 -1.08 0.00	18.01 -1.17 0.00	18.02 -1.19 0.00	19.05 -1.28 0.00	22.05 -1.31 0.00	28.03 -1.51 0.00	34.85 -1.76 0.00	39.42 -1.64 0.00	44.54 -1.38 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.96 -0.72 0.00
REGAN___SOLAR 323812	23.90 1.31 0.00	21.85 1.26 0.00	19.41 1.15 0.00	18.53 1.07 0.00	21.47 1.22 0.00	23.65 1.27 0.00	25.91 1.23 0.00	24.09 1.06 0.00	21.18 0.70 0.00	18.89 0.44 0.00	19.42 0.45 0.00	19.42 0.44 0.00	19.71 0.39 0.00	19.62 0.44 0.00	19.66 0.44 0.00	20.78 0.45 0.00	23.99 0.63 0.00	30.57 1.03 0.00	38.40 1.79 0.00	43.36 2.30 0.00	48.58 2.66 0.00	40.45 2.29 0.00	33.12 1.76 0.00	27.20 1.51 0.00
RENSSELAER___COGEN 23796	22.79 0.20 0.00	20.92 0.33 0.00	18.56 0.31 0.00	17.72 0.26 0.00	20.43 0.18 0.00	22.49 0.11 0.00	24.78 0.10 0.00	23.12 0.09 0.00	20.52 0.04 0.00	18.50 0.06 0.00	19.02 0.06 0.00	19.04 0.06 0.00	19.38 0.06 0.00	19.25 0.08 0.00	19.33 0.12 0.00	20.43 0.10 0.00	23.48 0.12 0.00	29.60 0.06 0.00	36.54 -0.07 0.00	40.98 -0.08 0.00	45.69 -0.23 0.00	38.05 -0.11 0.00	31.33 -0.03 0.00	25.76 0.08 0.00
REPUBLIC_115KV_BARTNBK 55605	24.15 1.56 0.00	22.05 1.46 0.00	19.61 1.35 0.00	18.72 1.26 0.00	21.71 1.46 0.00	23.94 1.57 0.00	26.11 1.43 0.00	24.28 1.24 0.00	21.20 0.72 0.00	18.89 0.44 0.00	19.44 0.47 0.00	19.49 0.51 0.00	19.77 0.44 0.00	19.69 0.52 0.00	19.79 0.58 0.00	20.96 0.63 0.00	24.34 0.98 0.00	30.96 1.42 0.00	38.88 2.27 0.00	43.86 2.79 0.00	49.04 3.12 0.00	40.91 2.75 0.00	33.31 1.94 0.00	27.38 1.70 0.00
REVERE_CPPR_DRP 24186	22.97 0.38 0.00	20.90 0.31 0.00	18.56 0.31 0.00	17.74 0.28 0.00	20.62 0.36 0.00	22.75 0.38 0.00	24.97 0.30 0.00	23.26 0.23 0.00	20.62 0.14 0.00	18.48 0.04 0.00	19.00 0.04 0.00	19.02 0.04 0.00	19.34 0.02 0.00	19.10 -0.08 0.00	19.18 -0.04 0.00	20.27 -0.06 0.00	23.41 0.05 0.00	29.77 0.24 0.00	37.12 0.51 0.00	41.85 0.78 0.00	47.06 1.15 0.00	39.04 0.88 0.00	32.09 0.72 0.00	26.25 0.57 0.00
REYNLDPA_13_KV_LD 356490	22.61 0.02 0.00	20.49 -0.10 0.00	18.11 -0.15 0.00	17.37 -0.09 0.00	20.25 0.00 0.00	22.42 0.04 0.00	24.85 0.17 0.00	23.26 0.23 0.00	20.66 0.18 0.00	18.57 0.13 0.00	19.12 0.15 0.00	19.07 0.09 0.00	19.44 0.12 0.00	19.27 0.10 0.00	19.27 0.06 0.00	20.39 0.06 0.00	23.46 0.09 0.00	29.66 0.12 0.00	36.90 0.29 0.00	41.56 0.49 0.00	46.28 0.37 0.00	38.51 0.34 0.00	31.68 0.31 0.00	25.81 0.13 0.00
REYNOLDS_115KV_TB3 80639	22.97 0.38 0.00	21.07 0.47 0.00	18.69 0.44 0.00	17.84 0.38 0.00	20.58 0.32 0.00	22.62 0.25 0.00	24.95 0.27 0.00	23.26 0.23 0.00	20.66 0.18 0.00	18.61 0.17 0.00	19.14 0.17 0.00	19.15 0.17 0.00	19.50 0.17 0.00	19.37 0.19 0.00	19.45 0.23 0.00	20.55 0.22 0.00	23.60 0.23 0.00	29.74 0.21 0.00	36.76 0.15 0.00	41.27 0.21 0.00	45.96 0.05 0.00	38.28 0.11 0.00	31.49 0.13 0.00	25.86 0.18 0.00
RIVERBAY____ 323610	24.06 1.47 0.00	22.24 1.65 0.00	19.71 1.46 0.00	18.80 1.34 0.00	21.63 1.38 0.00	23.56 1.19 0.00	25.91 1.23 0.00	24.32 1.29 0.00	21.81 1.33 0.00	19.78 1.35 0.02	20.35 1.38 0.00	20.42 1.44 0.00	20.78 1.47 0.02	20.69 1.51 0.00	20.74 1.54 0.02	21.96 1.63 0.00	25.04 1.68 0.00	31.58 2.04 0.00	38.92 2.31 0.00	43.16 2.09 0.00	48.12 2.20 0.00	39.99 1.83 0.00	33.15 1.79 0.00	26.99 1.31 0.00
RIVERSDE_115KV_TB3 55908	22.91 0.32 0.00	21.00 0.41 0.00	18.62 0.37 0.00	17.79 0.33 0.00	20.52 0.26 0.00	22.55 0.18 0.00	24.87 0.20 0.00	23.19 0.16 0.00	20.60 0.12 0.00	18.56 0.11 0.00	19.08 0.11 0.00	19.11 0.13 0.00	19.44 0.12 0.00	19.33 0.15 0.00	19.39 0.17 0.00	20.49 0.16 0.00	23.55 0.19 0.00	29.68 0.15 0.00	36.68 0.07 0.00	41.15 0.08 0.00	45.83 -0.09 0.00	38.20 0.04 0.00	31.43 0.06 0.00	25.81 0.13 0.00
ROARING___BROOK_WT_PWR 323790	22.43 -0.16 0.00	20.45 -0.14 0.00	18.15 -0.11 0.00	17.37 -0.09 0.00	20.15 -0.10 0.00	22.26 -0.11 0.00	24.58 -0.10 0.00	22.96 -0.07 0.00	20.42 -0.06 0.00	18.39 -0.06 0.00	18.91 -0.06 0.00	18.90 -0.08 0.00	19.25 -0.08 0.00	19.10 -0.08 0.00	19.12 -0.10 0.00	20.23 -0.10 0.00	23.25 -0.12 0.00	29.39 -0.15 0.00	36.47 -0.15 0.00	40.94 -0.12 0.00	45.73 -0.18 0.00	38.05 -0.11 0.00	31.24 -0.12 0.00	25.58 -0.10 0.00

ROCHESRG_115KV_T4 355643	21.46 -1.13 0.00	19.50 -1.09 0.00	17.54 -0.71 0.00	16.80 -0.66 0.00	19.44 -0.81 0.00	21.30 -1.07 0.00	23.42 -1.26 0.00	21.67 -1.36 0.00	19.27 -1.21 0.00	17.28 -1.16 0.00	17.75 -1.21 0.00	17.76 -1.21 0.00	18.11 -1.22 0.00	17.87 -1.30 0.00	17.87 -1.35 0.00	18.89 -1.44 0.00	21.84 -1.52 0.00	27.74 -1.80 0.00	34.49 -2.12 0.00	38.93 -2.14 0.00	43.99 -1.93 0.00	36.25 -1.91 0.00	29.80 -1.57 0.00	24.73 -0.95 0.00
ROCHESTER_9_IC 23652	21.55 -1.04 0.00	19.58 -1.01 0.00	17.62 -0.64 0.00	16.87 -0.59 0.00	19.52 -0.73 0.00	21.37 -1.01 0.00	23.52 -1.16 0.00	21.79 -1.24 0.00	19.35 -1.13 0.00	17.34 -1.11 0.00	17.81 -1.16 0.00	17.82 -1.16 0.00	18.18 -1.14 0.00	17.95 -1.23 0.00	17.95 -1.27 0.00	18.97 -1.36 0.00	21.96 -1.40 0.00	27.88 -1.65 0.00	34.67 -1.94 0.00	39.18 -1.89 0.00	44.26 -1.65 0.00	36.48 -1.68 0.00	29.98 -1.38 0.00	24.86 -0.82 0.00
ROCKVIEW_13_KV_LD 356306	23.74 1.15 0.00	21.91 1.32 0.00	19.40 1.15 0.00	18.49 1.03 0.00	21.25 0.99 0.00	23.38 1.01 0.00	25.76 1.09 0.00	24.14 1.11 0.00	21.63 1.15 0.00	19.61 1.16 0.00	20.18 1.21 0.00	20.25 1.27 0.00	20.62 1.29 0.00	20.54 1.36 0.00	20.58 1.36 0.00	21.83 1.50 0.00	24.93 1.57 0.00	31.43 1.89 0.00	38.73 2.12 0.00	43.00 1.93 0.00	48.08 2.16 0.00	39.96 1.79 0.00	32.81 1.44 0.00	26.84 1.16 0.00
ROME____115KV_TB2 80656	22.97 0.38 0.00	20.90 0.31 0.00	18.56 0.31 0.00	17.74 0.28 0.00	20.62 0.36 0.00	22.75 0.38 0.00	24.97 0.30 0.00	23.26 0.23 0.00	20.62 0.14 0.00	18.48 0.04 0.00	19.00 0.04 0.00	19.02 0.04 0.00	19.34 0.02 0.00	19.10 -0.08 0.00	19.18 -0.04 0.00	20.27 -0.06 0.00	23.41 0.05 0.00	29.77 0.24 0.00	37.12 0.51 0.00	41.85 0.78 0.00	47.06 1.15 0.00	39.04 0.88 0.00	32.09 0.72 0.00	26.25 0.57 0.00
ROSETON___1 23587	23.49 0.90 0.00	21.62 1.03 0.00	19.15 0.89 0.00	18.25 0.79 0.00	21.02 0.77 0.00	23.11 0.74 0.00	25.47 0.79 0.00	23.82 0.78 0.00	21.30 0.82 0.00	19.28 0.83 0.00	19.84 0.87 0.00	19.89 0.91 0.00	20.25 0.93 0.00	20.15 0.98 0.00	20.19 0.98 0.00	21.41 1.08 0.00	24.48 1.12 0.00	30.87 1.33 0.00	38.11 1.50 0.00	42.42 1.35 0.00	47.43 1.51 0.00	39.38 1.22 0.00	32.37 1.00 0.00	26.50 0.82 0.00
ROSETON___2 23588	23.49 0.90 0.00	21.62 1.03 0.00	19.15 0.89 0.00	18.25 0.79 0.00	21.02 0.77 0.00	23.11 0.74 0.00	25.47 0.79 0.00	23.82 0.78 0.00	21.30 0.82 0.00	19.28 0.83 0.00	19.84 0.87 0.00	19.89 0.91 0.00	20.25 0.93 0.00	20.15 0.98 0.00	20.19 0.98 0.00	21.41 1.08 0.00	24.48 1.12 0.00	30.87 1.33 0.00	38.11 1.50 0.00	42.42 1.35 0.00	47.43 1.51 0.00	39.38 1.22 0.00	32.37 1.00 0.00	26.50 0.82 0.00
ROTRRDAM_115KV_TB3 80664	23.06 0.47 0.00	21.13 0.54 0.00	18.73 0.47 0.00	17.90 0.44 0.00	20.68 0.43 0.00	22.78 0.40 0.00	25.07 0.39 0.00	23.38 0.35 0.00	20.73 0.25 0.00	18.65 0.20 0.00	19.17 0.21 0.00	19.21 0.23 0.00	19.54 0.21 0.00	19.43 0.25 0.00	19.46 0.25 0.00	20.59 0.26 0.00	23.67 0.30 0.00	29.95 0.41 0.00	37.16 0.55 0.00	41.72 0.66 0.00	46.61 0.69 0.00	38.77 0.61 0.00	31.83 0.47 0.00	26.12 0.44 0.00
RUSSELL___1 23602	21.64 -0.95 0.00	19.64 -0.95 0.00	17.67 -0.58 0.00	16.94 -0.52 0.00	19.58 -0.67 0.00	21.43 -0.94 0.00	23.62 -1.06 0.00	21.88 -1.15 0.00	19.42 -1.06 0.00	17.39 -1.05 0.00	17.88 -1.08 0.00	17.90 -1.08 0.00	18.24 -1.08 0.00	18.01 -1.17 0.00	18.02 -1.19 0.00	19.05 -1.28 0.00	22.05 -1.31 0.00	28.00 -1.54 0.00	34.85 -1.76 0.00	39.38 -1.68 0.00	44.54 -1.38 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.96 -0.72 0.00
RUSSELL___2 23532	21.64 -0.95 0.00	19.64 -0.95 0.00	17.67 -0.58 0.00	16.94 -0.52 0.00	19.58 -0.67 0.00	21.43 -0.94 0.00	23.62 -1.06 0.00	21.88 -1.15 0.00	19.42 -1.06 0.00	17.39 -1.05 0.00	17.88 -1.08 0.00	17.90 -1.08 0.00	18.24 -1.08 0.00	18.01 -1.17 0.00	18.02 -1.19 0.00	19.05 -1.28 0.00	22.05 -1.31 0.00	28.00 -1.54 0.00	34.85 -1.76 0.00	39.38 -1.68 0.00	44.54 -1.38 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.96 -0.72 0.00
RUSSELL___3 23549	21.64 -0.95 0.00	19.64 -0.95 0.00	17.67 -0.58 0.00	16.94 -0.52 0.00	19.58 -0.67 0.00	21.43 -0.94 0.00	23.62 -1.06 0.00	21.88 -1.15 0.00	19.42 -1.06 0.00	17.39 -1.05 0.00	17.88 -1.08 0.00	17.90 -1.08 0.00	18.24 -1.08 0.00	18.01 -1.17 0.00	18.02 -1.19 0.00	19.05 -1.28 0.00	22.05 -1.31 0.00	28.00 -1.54 0.00	34.85 -1.76 0.00	39.38 -1.68 0.00	44.54 -1.38 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.96 -0.72 0.00
RUSSELL___4 23556	21.64 -0.95 0.00	19.64 -0.95 0.00	17.67 -0.58 0.00	16.94 -0.52 0.00	19.58 -0.67 0.00	21.43 -0.94 0.00	23.62 -1.06 0.00	21.88 -1.15 0.00	19.42 -1.06 0.00	17.39 -1.05 0.00	17.88 -1.08 0.00	17.90 -1.08 0.00	18.24 -1.08 0.00	18.01 -1.17 0.00	18.02 -1.19 0.00	19.05 -1.28 0.00	22.05 -1.31 0.00	28.00 -1.54 0.00	34.85 -1.76 0.00	39.38 -1.68 0.00	44.54 -1.38 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.96 -0.72 0.00
RUSSELL___STATION 23914	21.64 -0.95 0.00	19.64 -0.95 0.00	17.67 -0.58 0.00	16.94 -0.52 0.00	19.58 -0.67 0.00	21.43 -0.94 0.00	23.62 -1.06 0.00	21.88 -1.15 0.00	19.42 -1.06 0.00	17.39 -1.05 0.00	17.88 -1.08 0.00	17.90 -1.08 0.00	18.24 -1.08 0.00	18.01 -1.17 0.00	18.02 -1.19 0.00	19.05 -1.28 0.00	22.05 -1.31 0.00	28.00 -1.54 0.00	34.85 -1.76 0.00	39.38 -1.68 0.00	44.54 -1.38 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.96 -0.72 0.00
S SALMON___HYD 24043	22.03 -0.56 0.00	20.04 -0.56 0.00	17.84 -0.42 0.00	17.06 -0.40 0.00	19.77 -0.49 0.00	21.77 -0.60 0.00	23.89 -0.79 0.00	22.25 -0.78 0.00	19.72 -0.76 0.00	17.67 -0.77 0.00	18.19 -0.78 0.00	18.24 -0.74 0.00	18.55 -0.77 0.00	18.35 -0.82 0.00	18.39 -0.83 0.00	19.41 -0.91 0.00	22.36 -1.00 0.00	28.45 -1.09 0.00	35.44 -1.17 0.00	40.00 -1.07 0.00	44.95 -0.97 0.00	37.29 -0.88 0.00	30.70 -0.66 0.00	25.14 -0.54 0.00
S.PERRY__115KV_TB1 80734	22.18 -0.41 0.00	20.18 -0.41 0.00	18.18 -0.07 0.00	17.41 -0.05 0.00	20.11 -0.14 0.00	22.02 -0.36 0.00	24.21 -0.47 0.00	22.32 -0.71 0.00	19.66 -0.82 0.00	17.52 -0.92 0.00	17.92 -1.04 0.00	17.86 -1.12 0.00	18.18 -1.14 0.00	17.95 -1.23 0.00	17.95 -1.27 0.00	18.97 -1.36 0.00	22.01 -1.36 0.00	28.18 -1.36 0.00	35.51 -1.10 0.00	40.53 -0.53 0.00	46.15 0.23 0.00	37.86 -0.31 0.00	31.05 -0.31 0.00	25.61 -0.08 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.14 -1.45 0.00	19.23 -1.36 0.00	17.38 -0.88 0.00	16.64 -0.82 0.00	19.24 -1.01 0.00	21.03 -1.34 0.00	22.97 -1.70 0.00	21.14 -1.89 0.00	18.94 -1.54 0.00	16.99 -1.46 0.00	17.39 -1.57 0.00	17.35 -1.63 0.00	17.66 -1.66 0.00	17.43 -1.75 0.00	17.39 -1.83 0.00	18.34 -1.99 0.00	21.21 -2.15 0.00	26.94 -2.60 0.00	33.54 -3.08 0.00	37.99 -3.08 0.00	43.07 -2.85 0.00	35.34 -2.82 0.00	29.11 -2.26 0.00	24.42 -1.26 0.00

SAWYER___23_KV_LOAD 55526	21.14 -1.45 0.00	19.23 -1.36 0.00	17.38 -0.88 0.00	16.64 -0.82 0.00	19.24 -1.01 0.00	21.03 -1.34 0.00	22.97 -1.70 0.00	21.14 -1.89 0.00	18.94 -1.54 0.00	16.99 -1.46 0.00	17.39 -1.57 0.00	17.35 -1.63 0.00	17.66 -1.66 0.00	17.43 -1.75 0.00	17.39 -1.83 0.00	18.34 -1.99 0.00	21.21 -2.15 0.00	26.94 -2.60 0.00	33.54 -3.08 0.00	37.99 -3.08 0.00	43.07 -2.85 0.00	35.34 -2.82 0.00	29.11 -2.26 0.00	24.42 -1.26 0.00
SELKIRK___I 23801	22.97 0.38 0.00	21.07 0.47 0.00	18.69 0.44 0.00	17.84 0.38 0.00	20.60 0.34 0.00	22.66 0.29 0.00	24.95 0.27 0.00	23.26 0.23 0.00	20.62 0.14 0.00	18.56 0.11 0.00	19.08 0.11 0.00	19.09 0.11 0.00	19.44 0.12 0.00	19.31 0.14 0.00	19.37 0.15 0.00	20.49 0.16 0.00	23.55 0.19 0.00	29.75 0.21 0.00	36.83 0.22 0.00	41.31 0.25 0.00	46.10 0.18 0.00	38.43 0.27 0.00	31.59 0.22 0.00	25.97 0.28 0.00
SELKIRK___II 23799	22.88 0.29 0.00	20.98 0.39 0.00	18.62 0.36 0.00	17.77 0.31 0.00	20.52 0.26 0.00	22.57 0.20 0.00	24.87 0.20 0.00	23.22 0.18 0.00	20.62 0.14 0.00	18.58 0.13 0.00	19.10 0.13 0.00	19.11 0.13 0.00	19.46 0.14 0.00	19.35 0.17 0.00	19.39 0.17 0.00	20.51 0.18 0.00	23.57 0.21 0.00	29.75 0.21 0.00	36.76 0.15 0.00	41.19 0.12 0.00	45.96 0.05 0.00	38.28 0.11 0.00	31.49 0.13 0.00	25.86 0.18 0.00
SENECA OSWGO___HYD 24041	21.71 -0.88 0.00	19.81 -0.78 0.00	17.63 -0.62 0.00	16.87 -0.59 0.00	19.50 -0.75 0.00	21.48 -0.90 0.00	23.62 -1.06 0.00	22.02 -1.01 0.00	19.56 -0.92 0.00	17.56 -0.89 0.00	18.06 -0.91 0.00	18.07 -0.91 0.00	18.40 -0.93 0.00	18.24 -0.94 0.00	18.27 -0.94 0.00	19.31 -1.02 0.00	22.26 -1.10 0.00	28.27 -1.27 0.00	35.07 -1.54 0.00	39.42 -1.64 0.00	44.31 -1.61 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.73 -0.95 0.00
SENECA___115KV_TB3 355854	21.35 -1.24 0.00	19.46 -1.13 0.00	17.58 -0.68 0.00	16.83 -0.63 0.00	19.44 -0.81 0.00	21.23 -1.14 0.00	23.20 -1.48 0.00	21.35 -1.68 0.00	19.15 -1.33 0.00	17.17 -1.27 0.00	17.56 -1.40 0.00	17.52 -1.46 0.00	17.84 -1.49 0.00	17.58 -1.59 0.00	17.54 -1.67 0.00	18.52 -1.81 0.00	21.42 -1.94 0.00	27.23 -2.30 0.00	33.94 -2.67 0.00	38.52 -2.55 0.00	43.67 -2.25 0.00	35.76 -2.40 0.00	29.45 -1.91 0.00	24.68 -1.00 0.00
SENECA___ENERGY 23797	21.82 -0.77 0.00	19.91 -0.68 0.00	17.78 -0.47 0.00	17.02 -0.44 0.00	19.67 -0.59 0.00	21.64 -0.74 0.00	23.81 -0.86 0.00	22.13 -0.90 0.00	19.64 -0.84 0.00	17.63 -0.81 0.00	18.09 -0.87 0.00	18.11 -0.87 0.00	18.44 -0.89 0.00	18.24 -0.94 0.00	18.25 -0.96 0.00	19.29 -1.04 0.00	22.29 -1.07 0.00	28.35 -1.18 0.00	35.29 -1.32 0.00	39.83 -1.23 0.00	44.77 -1.15 0.00	37.02 -1.14 0.00	30.39 -0.97 0.00	24.99 -0.69 0.00
SHOEMAKER___GT 23640	23.36 0.77 0.00	21.46 0.86 0.00	19.02 0.77 0.00	18.12 0.66 0.00	20.90 0.65 0.00	23.00 0.63 0.00	25.32 0.64 0.00	23.65 0.62 0.00	21.12 0.64 0.00	19.09 0.65 0.00	19.63 0.66 0.00	19.68 0.70 0.00	20.04 0.72 0.00	19.94 0.77 0.00	19.98 0.77 0.00	21.18 0.85 0.00	24.27 0.91 0.00	30.63 1.09 0.00	37.86 1.25 0.00	42.21 1.15 0.00	47.20 1.28 0.00	39.19 1.03 0.00	32.18 0.81 0.00	26.38 0.69 0.00
SHOEMAKR_138KV_BK 111 55601	23.31 0.72 0.00	21.48 0.89 0.00	19.02 0.77 0.00	18.14 0.68 0.00	20.90 0.65 0.00	23.00 0.63 0.00	25.32 0.64 0.00	23.68 0.64 0.00	21.14 0.66 0.00	19.09 0.65 0.00	19.65 0.68 0.00	19.70 0.72 0.00	20.06 0.73 0.00	19.96 0.79 0.00	20.00 0.79 0.00	21.20 0.87 0.00	24.27 0.91 0.00	30.66 1.12 0.00	37.86 1.24 0.00	42.22 1.15 0.00	47.20 1.29 0.00	39.19 1.03 0.00	32.18 0.82 0.00	26.40 0.72 0.00
SHOREHAM_IC_1 23715	27.33 2.06 -2.68	25.01 2.08 -2.34	21.21 1.88 -1.07	20.26 1.75 -1.05	22.58 1.82 -0.51	24.70 1.81 -0.52	27.05 1.97 -0.40	25.38 1.86 -0.48	23.00 1.86 -0.66	21.00 1.77 -0.79	23.17 1.82 -2.38	23.21 1.86 -2.37	23.74 1.91 -2.50	24.19 1.98 -3.04	24.03 1.98 -2.84	25.51 2.20 -2.98	29.28 2.36 -3.56	42.52 3.10 -9.88	44.40 3.52 -4.27	46.35 3.29 -1.99	51.53 3.63 -1.98	43.78 3.01 -2.61	36.19 2.63 -2.19	30.05 2.08 -2.28
SHOREHAM_IC_2 23716	27.28 2.01 -2.68	25.01 2.08 -2.34	21.21 1.88 -1.07	20.26 1.75 -1.05	22.58 1.82 -0.51	24.70 1.81 -0.52	27.05 1.97 -0.40	25.38 1.87 -0.48	23.00 1.86 -0.66	21.00 1.77 -0.79	23.17 1.82 -2.38	23.21 1.86 -2.37	23.74 1.91 -2.50	24.19 1.98 -3.04	24.05 2.00 -2.84	25.51 2.20 -2.98	29.28 2.36 -3.56	42.52 3.10 -9.88	44.40 3.51 -4.27	46.38 3.33 -1.99	51.53 3.63 -1.98	43.78 3.01 -2.61	36.19 2.63 -2.19	30.07 2.11 -2.28
SISSONVILLE____ 23735	22.14 -0.45 0.00	19.99 -0.60 0.00	17.67 -0.58 0.00	16.95 -0.51 0.00	19.81 -0.45 0.00	21.95 -0.43 0.00	24.48 -0.20 0.00	22.92 -0.12 0.00	20.30 -0.18 0.00	18.21 -0.24 0.00	18.74 -0.23 0.00	18.66 -0.32 0.00	19.01 -0.31 0.00	18.83 -0.35 0.00	18.85 -0.37 0.00	19.92 -0.41 0.00	22.97 -0.40 0.00	29.09 -0.44 0.00	36.32 -0.29 0.00	41.07 0.00 0.00	45.50 -0.41 0.00	38.05 -0.11 0.00	31.27 -0.09 0.00	25.32 -0.36 0.00
SITHE_IND_GS1 24169	21.60 -0.99 0.00	19.71 -0.88 0.00	17.52 -0.73 0.00	16.78 -0.68 0.00	19.40 -0.85 0.00	21.37 -1.01 0.00	23.54 -1.13 0.00	21.93 -1.11 0.00	19.50 -0.98 0.00	17.52 -0.92 0.00	18.02 -0.95 0.00	18.03 -0.95 0.00	18.36 -0.97 0.00	18.20 -0.98 0.00	18.21 -1.00 0.00	19.27 -1.06 0.00	22.19 -1.17 0.00	28.12 -1.42 0.00	34.85 -1.76 0.00	39.18 -1.89 0.00	43.99 -1.93 0.00	36.45 -1.72 0.00	29.95 -1.41 0.00	24.60 -1.08 0.00
SITHE_IND_GS2 24170	21.60 -0.99 0.00	19.71 -0.88 0.00	17.52 -0.73 0.00	16.78 -0.68 0.00	19.40 -0.85 0.00	21.37 -1.01 0.00	23.54 -1.13 0.00	21.93 -1.11 0.00	19.50 -0.98 0.00	17.52 -0.92 0.00	18.02 -0.95 0.00	18.03 -0.95 0.00	18.36 -0.97 0.00	18.20 -0.98 0.00	18.21 -1.00 0.00	19.27 -1.06 0.00	22.19 -1.17 0.00	28.12 -1.42 0.00	34.85 -1.76 0.00	39.18 -1.89 0.00	43.99 -1.93 0.00	36.45 -1.72 0.00	29.95 -1.41 0.00	24.60 -1.08 0.00
SITHE_IND_GS3 24171	21.60 -0.99 0.00	19.71 -0.88 0.00	17.52 -0.73 0.00	16.78 -0.68 0.00	19.40 -0.85 0.00	21.37 -1.01 0.00	23.54 -1.13 0.00	21.93 -1.11 0.00	19.50 -0.98 0.00	17.52 -0.92 0.00	18.02 -0.95 0.00	18.03 -0.95 0.00	18.36 -0.97 0.00	18.20 -0.98 0.00	18.21 -1.00 0.00	19.27 -1.06 0.00	22.19 -1.17 0.00	28.12 -1.42 0.00	34.85 -1.76 0.00	39.18 -1.89 0.00	43.99 -1.93 0.00	36.45 -1.72 0.00	29.95 -1.41 0.00	24.60 -1.08 0.00
SITHE_IND_GS4 24172	21.60 -0.99 0.00	19.71 -0.88 0.00	17.52 -0.73 0.00	16.78 -0.68 0.00	19.40 -0.85 0.00	21.37 -1.01 0.00	23.54 -1.13 0.00	21.93 -1.11 0.00	19.50 -0.98 0.00	17.52 -0.92 0.00	18.02 -0.95 0.00	18.03 -0.95 0.00	18.36 -0.97 0.00	18.20 -0.98 0.00	18.21 -1.00 0.00	19.27 -1.06 0.00	22.19 -1.17 0.00	28.12 -1.42 0.00	34.85 -1.76 0.00	39.18 -1.89 0.00	43.99 -1.93 0.00	36.45 -1.72 0.00	29.95 -1.41 0.00	24.60 -1.08 0.00

SITHE___BATAVIA 24024	21.55 -1.04 0.00	19.56 -1.03 0.00	17.71 -0.55 0.00	17.02 -0.44 0.00	19.63 -0.63 0.00	21.41 -0.96 0.00	23.57 -1.11 0.00	21.74 -1.29 0.00	19.27 -1.21 0.00	17.23 -1.22 0.00	17.64 -1.33 0.00	17.61 -1.37 0.00	17.93 -1.39 0.00	17.68 -1.50 0.00	17.68 -1.54 0.00	18.66 -1.67 0.00	21.66 -1.70 0.00	27.68 -1.86 0.00	34.53 -2.09 0.00	39.26 -1.81 0.00	44.54 -1.38 0.00	36.56 -1.60 0.00	30.05 -1.32 0.00	25.01 -0.67 0.00
SITHE___INDEPEND 23800	21.60 -0.99 0.00	19.71 -0.89 0.00	17.54 -0.71 0.00	16.76 -0.70 0.00	19.40 -0.85 0.00	21.37 -1.01 0.00	23.54 -1.14 0.00	21.93 -1.11 0.00	19.50 -0.98 0.00	17.52 -0.92 0.00	18.02 -0.95 0.00	18.03 -0.95 0.00	18.36 -0.97 0.00	18.20 -0.98 0.00	18.22 -1.00 0.00	19.27 -1.06 0.00	22.19 -1.17 0.00	28.12 -1.42 0.00	34.85 -1.76 0.00	39.18 -1.89 0.00	43.99 -1.93 0.00	36.44 -1.72 0.00	29.95 -1.41 0.00	24.60 -1.08 0.00
SITHE___MASSENA 23902	22.57 -0.02 0.00	20.45 -0.14 0.00	18.07 -0.18 0.00	17.34 -0.12 0.00	20.21 -0.04 0.00	22.37 0.00 0.00	24.92 0.25 0.00	23.33 0.30 0.00	20.71 0.23 0.00	18.59 0.15 0.00	19.15 0.19 0.00	19.09 0.11 0.00	19.46 0.14 0.00	19.29 0.12 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.48 0.12 0.00	29.72 0.18 0.00	36.98 0.37 0.00	41.68 0.62 0.00	46.24 0.32 0.00	38.66 0.49 0.00	31.77 0.41 0.00	25.79 0.10 0.00
SITHE___OGDNSBRG 24021	22.70 0.11 0.00	20.51 -0.08 0.00	18.13 -0.13 0.00	17.39 -0.07 0.00	20.31 0.06 0.00	22.51 0.13 0.00	25.07 0.39 0.00	23.42 0.39 0.00	20.68 0.20 0.00	18.54 0.09 0.00	19.06 0.09 0.00	18.98 0.00 0.00	19.34 0.02 0.00	19.16 -0.02 0.00	19.18 -0.04 0.00	20.29 -0.04 0.00	23.39 0.02 0.00	29.66 0.12 0.00	37.12 0.51 0.00	42.05 0.99 0.00	46.65 0.73 0.00	39.00 0.84 0.00	32.05 0.69 0.00	25.96 0.28 0.00
SITHE___STERLING 23777	22.84 0.25 0.00	20.80 0.21 0.00	18.49 0.24 0.00	17.67 0.21 0.00	20.48 0.22 0.00	22.60 0.22 0.00	24.83 0.15 0.00	23.12 0.09 0.00	20.52 0.04 0.00	18.41 -0.04 0.00	18.93 -0.04 0.00	18.94 -0.04 0.00	19.27 -0.06 0.00	19.04 -0.13 0.00	19.12 -0.10 0.00	20.21 -0.12 0.00	23.32 -0.05 0.00	29.63 0.09 0.00	36.87 0.26 0.00	41.56 0.49 0.00	46.65 0.73 0.00	38.70 0.53 0.00	31.80 0.44 0.00	26.04 0.36 0.00
SLEIGHT__34_KV_TB1 80719	21.60 -0.99 0.00	19.64 -0.95 0.00	17.60 -0.66 0.00	16.85 -0.61 0.00	19.48 -0.77 0.00	21.39 -0.98 0.00	23.54 -1.14 0.00	21.86 -1.17 0.00	19.39 -1.09 0.00	17.38 -1.07 0.00	17.87 -1.10 0.00	17.88 -1.10 0.00	18.22 -1.10 0.00	18.01 -1.17 0.00	18.02 -1.19 0.00	19.05 -1.28 0.00	22.03 -1.33 0.00	28.00 -1.54 0.00	34.85 -1.76 0.00	39.34 -1.72 0.00	44.40 -1.52 0.00	36.60 -1.56 0.00	30.08 -1.29 0.00	24.78 -0.90 0.00
SMITHTWN_69_KV_BK 1 55830	27.35 1.87 -2.88	25.06 1.98 -2.49	21.17 1.77 -1.15	20.22 1.64 -1.12	22.50 1.70 -0.54	24.65 1.72 -0.56	26.96 1.85 -0.43	25.35 1.80 -0.52	22.95 1.76 -0.71	20.98 1.70 -0.84	23.25 1.74 -2.54	23.29 1.78 -2.53	23.83 1.84 -2.67	24.32 1.90 -3.25	24.14 1.90 -3.03	25.62 2.09 -3.19	29.37 2.24 -3.77	42.85 2.87 -10.44	44.55 3.22 -4.72	46.19 3.00 -2.13	51.44 3.31 -2.22	43.79 2.75 -2.88	36.12 2.42 -2.34	30.08 1.95 -2.45
SOUTH CAIRO___GT 23612	23.49 0.90 0.00	21.54 0.95 0.00	19.11 0.86 0.00	18.25 0.79 0.00	21.08 0.83 0.00	23.22 0.85 0.00	25.52 0.84 0.00	23.75 0.71 0.00	20.89 0.41 0.00	18.61 0.17 0.00	19.10 0.13 0.00	19.13 0.15 0.00	19.46 0.14 0.00	19.33 0.15 0.00	19.41 0.19 0.00	20.57 0.24 0.00	23.76 0.40 0.00	30.22 0.68 0.00	37.60 0.99 0.00	42.34 1.27 0.00	47.16 1.24 0.00	39.19 1.03 0.00	32.18 0.82 0.00	26.58 0.90 0.00
SOUTH HAMPTN___IC 23720	27.43 2.22 -2.63	25.09 2.20 -2.29	21.30 1.99 -1.05	20.34 1.85 -1.03	22.70 1.94 -0.50	24.85 1.97 -0.51	27.19 2.12 -0.40	25.49 1.98 -0.47	23.14 2.01 -0.65	21.13 1.92 -0.77	23.27 1.97 -2.34	23.34 2.03 -2.33	23.86 2.09 -2.45	24.32 2.17 -2.98	24.17 2.17 -2.78	25.65 2.40 -2.92	29.46 2.59 -3.50	42.69 3.42 -9.72	44.63 3.88 -4.14	46.72 3.70 -1.95	51.87 4.04 -1.91	44.09 3.40 -2.53	36.40 2.88 -2.15	30.18 2.26 -2.24
SOUTHDOW_115KV_TB1 355954	21.96 -0.63 0.00	20.14 -0.45 0.00	18.20 -0.05 0.00	17.43 -0.03 0.00	20.05 -0.20 0.00	21.90 -0.47 0.00	23.94 -0.74 0.00	22.04 -0.99 0.00	19.82 -0.66 0.00	17.80 -0.65 0.00	18.15 -0.82 0.00	18.09 -0.89 0.00	18.40 -0.93 0.00	18.14 -1.04 0.00	18.06 -1.15 0.00	19.07 -1.26 0.00	22.12 -1.24 0.00	28.15 -1.39 0.00	35.15 -1.46 0.00	40.00 -1.07 0.00	45.37 -0.55 0.00	36.94 -1.22 0.00	30.36 -1.00 0.00	25.37 -0.31 0.00
SOUTHOLD_69_KV_BK 2 55809	27.57 2.35 -2.63	25.25 2.37 -2.29	21.43 2.12 -1.05	20.50 2.01 -1.03	22.84 2.09 -0.50	25.01 2.13 -0.51	27.34 2.27 -0.40	25.67 2.17 -0.47	23.30 2.17 -0.65	21.32 2.10 -0.77	23.48 2.18 -2.34	23.55 2.24 -2.33	24.12 2.34 -2.45	24.57 2.42 -2.98	24.42 2.42 -2.78	25.94 2.68 -2.92	29.79 2.92 -3.50	43.17 3.90 -9.73	45.23 4.47 -4.15	47.37 4.35 -1.96	52.52 4.68 -1.92	44.59 3.89 -2.53	36.74 3.23 -2.15	30.51 2.59 -2.24
SOUTHOLD___IC 23719	27.61 2.39 -2.63	25.25 2.37 -2.29	21.43 2.12 -1.05	20.48 1.99 -1.03	22.84 2.09 -0.50	25.01 2.13 -0.51	27.34 2.27 -0.40	25.65 2.14 -0.47	23.30 2.17 -0.65	21.32 2.10 -0.77	23.48 2.18 -2.34	23.55 2.24 -2.33	24.12 2.34 -2.45	24.57 2.42 -2.98	24.42 2.42 -2.78	25.94 2.68 -2.92	29.79 2.92 -3.50	43.17 3.90 -9.73	45.22 4.46 -4.15	47.33 4.31 -1.96	52.52 4.69 -1.92	44.59 3.89 -2.53	36.75 3.23 -2.15	30.46 2.54 -2.24
SOUTH_FORK_WT_PWR 323839	27.54 2.33 -2.63	25.17 2.29 -2.29	21.37 2.06 -1.05	20.43 1.94 -1.03	22.78 2.03 -0.50	24.94 2.06 -0.51	27.27 2.20 -0.40	25.58 2.07 -0.47	23.26 2.13 -0.65	21.30 2.08 -0.77	23.48 2.18 -2.34	23.56 2.26 -2.33	24.13 2.36 -2.45	24.59 2.44 -2.98	24.44 2.44 -2.78	25.96 2.70 -2.92	29.81 2.94 -3.50	43.16 3.90 -9.73	45.26 4.50 -4.15	47.33 4.31 -1.95	52.47 4.64 -1.92	44.54 3.85 -2.53	36.71 3.20 -2.15	30.44 2.52 -2.24
SPIERFLS_115KV_TB 1 80737	23.47 0.88 0.00	21.46 0.86 0.00	19.06 0.80 0.00	18.21 0.75 0.00	21.06 0.81 0.00	23.20 0.83 0.00	25.39 0.72 0.00	23.68 0.64 0.00	20.85 0.37 0.00	18.68 0.24 0.00	19.19 0.23 0.00	19.23 0.25 0.00	19.54 0.21 0.00	19.44 0.27 0.00	19.52 0.31 0.00	20.63 0.30 0.00	23.81 0.44 0.00	30.19 0.65 0.00	37.60 0.99 0.00	42.30 1.23 0.00	47.20 1.29 0.00	39.34 1.18 0.00	32.21 0.85 0.00	26.48 0.80 0.00
ST LAWRENCE____ 23600	22.41 -0.18 0.00	20.30 -0.29 0.00	17.94 -0.31 0.00	17.20 -0.26 0.00	20.07 -0.18 0.00	22.24 -0.13 0.00	24.65 -0.02 0.00	23.06 0.02 0.00	20.50 0.02 0.00	18.43 -0.02 0.00	18.97 0.00 0.00	18.92 -0.06 0.00	19.29 -0.04 0.00	19.12 -0.06 0.00	19.14 -0.08 0.00	20.25 -0.08 0.00	23.29 -0.07 0.00	29.45 -0.09 0.00	36.61 0.00 0.00	41.19 0.12 0.00	45.87 -0.05 0.00	38.16 0.00 0.00	31.36 0.00 0.00	25.55 -0.13 0.00

STATE_CA_115KV_115_LB 55624	22.91 0.32 0.00	20.98 0.39 0.00	18.62 0.37 0.00	17.77 0.31 0.00	20.52 0.26 0.00	22.57 0.20 0.00	24.87 0.20 0.00	23.22 0.18 0.00	20.58 0.10 0.00	18.56 0.11 0.00	19.08 0.11 0.00	19.11 0.13 0.00	19.44 0.12 0.00	19.33 0.15 0.00	19.39 0.17 0.00	20.49 0.16 0.00	23.57 0.21 0.00	29.74 0.21 0.00	36.72 0.11 0.00	41.19 0.12 0.00	45.87 -0.05 0.00	38.24 0.08 0.00	31.46 0.09 0.00	25.86 0.18 0.00
STATE_ST_34_KV_LOAD 55959	22.05 -0.54 0.00	20.10 -0.49 0.00	17.93 -0.33 0.00	17.13 -0.33 0.00	19.81 -0.45 0.00	21.81 -0.56 0.00	23.99 -0.69 0.00	22.34 -0.69 0.00	19.82 -0.66 0.00	17.78 -0.66 0.00	18.26 -0.70 0.00	18.30 -0.68 0.00	18.61 -0.71 0.00	18.43 -0.75 0.00	18.47 -0.75 0.00	19.54 -0.79 0.00	22.54 -0.82 0.00	28.65 -0.89 0.00	35.66 -0.95 0.00	40.16 -0.90 0.00	45.23 -0.69 0.00	37.36 -0.80 0.00	30.67 -0.69 0.00	25.17 -0.51 0.00
STATION_5_MISC_HYD 23604	21.55 -1.04 0.00	19.58 -1.01 0.00	17.60 -0.66 0.00	16.90 -0.56 0.00	19.52 -0.73 0.00	21.37 -1.01 0.00	23.52 -1.16 0.00	21.79 -1.24 0.00	19.35 -1.13 0.00	17.34 -1.11 0.00	17.81 -1.16 0.00	17.82 -1.16 0.00	18.17 -1.16 0.00	17.95 -1.23 0.00	17.95 -1.27 0.00	18.97 -1.36 0.00	21.96 -1.40 0.00	27.91 -1.62 0.00	34.67 -1.94 0.00	39.18 -1.89 0.00	44.27 -1.65 0.00	36.48 -1.68 0.00	29.98 -1.38 0.00	24.84 -0.85 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.71 -0.88 0.00	19.75 -0.84 0.00	17.71 -0.55 0.00	16.95 -0.51 0.00	19.60 -0.65 0.00	21.52 -0.85 0.00	23.69 -0.99 0.00	21.97 -1.06 0.00	19.50 -0.98 0.00	17.49 -0.96 0.00	17.94 -1.02 0.00	17.95 -1.02 0.00	18.30 -1.02 0.00	18.08 -1.09 0.00	18.10 -1.11 0.00	19.13 -1.20 0.00	22.15 -1.21 0.00	28.15 -1.39 0.00	35.04 -1.57 0.00	39.51 -1.56 0.00	44.63 -1.29 0.00	36.79 -1.37 0.00	30.24 -1.13 0.00	24.94 -0.74 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.46 -1.13 0.00	19.50 -1.09 0.00	17.52 -0.73 0.00	16.78 -0.68 0.00	19.42 -0.83 0.00	21.28 -1.10 0.00	23.42 -1.26 0.00	21.70 -1.34 0.00	19.27 -1.21 0.00	17.28 -1.16 0.00	17.75 -1.21 0.00	17.76 -1.21 0.00	18.11 -1.22 0.00	17.89 -1.28 0.00	17.89 -1.33 0.00	18.91 -1.42 0.00	21.89 -1.47 0.00	27.79 -1.74 0.00	34.56 -2.05 0.00	39.01 -2.05 0.00	44.08 -1.84 0.00	36.33 -1.83 0.00	29.86 -1.51 0.00	24.73 -0.95 0.00
STA_56___34_KV_BUS2 355983	21.46 -1.13 0.00	19.50 -1.09 0.00	17.52 -0.73 0.00	16.78 -0.68 0.00	19.42 -0.83 0.00	21.28 -1.10 0.00	23.42 -1.26 0.00	21.70 -1.34 0.00	19.27 -1.21 0.00	17.28 -1.16 0.00	17.75 -1.21 0.00	17.76 -1.21 0.00	18.11 -1.22 0.00	17.89 -1.28 0.00	17.89 -1.33 0.00	18.91 -1.42 0.00	21.89 -1.47 0.00	27.79 -1.74 0.00	34.56 -2.05 0.00	39.01 -2.05 0.00	44.08 -1.84 0.00	36.33 -1.83 0.00	29.86 -1.51 0.00	24.73 -0.95 0.00
STA_67___115KV_BK2 355882	21.53 -1.06 0.00	19.54 -1.05 0.00	17.58 -0.68 0.00	16.83 -0.63 0.00	19.48 -0.77 0.00	21.34 -1.03 0.00	23.49 -1.18 0.00	21.74 -1.29 0.00	19.31 -1.17 0.00	17.32 -1.13 0.00	17.79 -1.18 0.00	17.80 -1.18 0.00	18.15 -1.18 0.00	17.91 -1.27 0.00	17.93 -1.29 0.00	18.93 -1.40 0.00	21.91 -1.45 0.00	27.82 -1.71 0.00	34.60 -2.01 0.00	39.05 -2.01 0.00	44.17 -1.74 0.00	36.37 -1.79 0.00	29.89 -1.47 0.00	24.81 -0.87 0.00
STA_7___115KV_9TRANS 80674	21.64 -0.95 0.00	19.64 -0.95 0.00	17.67 -0.58 0.00	16.94 -0.52 0.00	19.58 -0.67 0.00	21.43 -0.94 0.00	23.62 -1.06 0.00	21.88 -1.15 0.00	19.42 -1.06 0.00	17.39 -1.05 0.00	17.88 -1.08 0.00	17.90 -1.08 0.00	18.24 -1.08 0.00	18.01 -1.17 0.00	18.02 -1.19 0.00	19.05 -1.28 0.00	22.05 -1.31 0.00	28.00 -1.54 0.00	34.85 -1.76 0.00	39.38 -1.68 0.00	44.54 -1.38 0.00	36.67 -1.49 0.00	30.14 -1.22 0.00	24.96 -0.72 0.00
STA_82___115KV_TB1 80780	21.53 -1.06 0.00	19.54 -1.05 0.00	17.58 -0.68 0.00	16.83 -0.63 0.00	19.48 -0.77 0.00	21.34 -1.03 0.00	23.49 -1.18 0.00	21.74 -1.29 0.00	19.31 -1.17 0.00	17.32 -1.13 0.00	17.79 -1.18 0.00	17.80 -1.18 0.00	18.15 -1.18 0.00	17.91 -1.27 0.00	17.93 -1.29 0.00	18.93 -1.40 0.00	21.91 -1.45 0.00	27.82 -1.71 0.00	34.60 -2.01 0.00	39.09 -1.97 0.00	44.17 -1.74 0.00	36.41 -1.76 0.00	29.92 -1.44 0.00	24.81 -0.87 0.00
STEEL___WIND 323596	21.33 -1.26 0.00	19.44 -1.15 0.00	17.58 -0.68 0.00	16.87 -0.59 0.00	19.42 -0.83 0.00	21.23 -1.14 0.00	23.20 -1.48 0.00	21.37 -1.66 0.00	19.13 -1.35 0.00	17.15 -1.29 0.00	17.54 -1.42 0.00	17.50 -1.48 0.00	17.82 -1.51 0.00	17.58 -1.59 0.00	17.54 -1.67 0.00	18.50 -1.83 0.00	21.40 -1.96 0.00	27.26 -2.27 0.00	33.90 -2.71 0.00	38.52 -2.55 0.00	43.62 -2.29 0.00	35.72 -2.44 0.00	29.42 -1.94 0.00	24.65 -1.03 0.00
STEPHTWN_115KV_BK_2 55603	23.02 0.43 0.00	21.11 0.51 0.00	18.73 0.47 0.00	17.88 0.42 0.00	20.64 0.38 0.00	22.71 0.34 0.00	25.00 0.32 0.00	23.33 0.30 0.00	20.68 0.20 0.00	18.63 0.18 0.00	19.15 0.19 0.00	19.19 0.21 0.00	19.52 0.19 0.00	19.41 0.23 0.00	19.46 0.25 0.00	20.59 0.26 0.00	23.69 0.33 0.00	29.89 0.35 0.00	36.94 0.33 0.00	41.44 0.37 0.00	46.19 0.28 0.00	38.51 0.34 0.00	31.65 0.28 0.00	26.02 0.33 0.00
STEBEN_REC_LFGE 323667	22.05 -0.54 0.00	20.12 -0.47 0.00	18.09 -0.16 0.00	17.32 -0.14 0.00	20.01 -0.24 0.00	21.95 -0.43 0.00	24.01 -0.67 0.00	22.18 -0.85 0.00	19.70 -0.78 0.00	17.62 -0.83 0.00	18.04 -0.93 0.00	17.99 -0.99 0.00	18.32 -1.00 0.00	18.06 -1.11 0.00	18.04 -1.17 0.00	19.07 -1.26 0.00	22.08 -1.28 0.00	28.21 -1.33 0.00	35.37 -1.24 0.00	40.24 -0.82 0.00	45.73 -0.18 0.00	37.59 -0.57 0.00	30.83 -0.53 0.00	25.37 -0.31 0.00
STILLWATER___SOLAR 323814	23.38 0.79 0.00	21.44 0.84 0.00	19.02 0.77 0.00	18.16 0.70 0.00	20.98 0.73 0.00	23.09 0.72 0.00	25.39 0.72 0.00	23.65 0.62 0.00	20.87 0.39 0.00	18.74 0.29 0.00	19.25 0.28 0.00	19.26 0.29 0.00	19.59 0.27 0.00	19.50 0.33 0.00	19.56 0.35 0.00	20.67 0.35 0.00	23.83 0.47 0.00	30.16 0.62 0.00	37.49 0.88 0.00	42.17 1.11 0.00	47.11 1.19 0.00	39.23 1.07 0.00	32.18 0.81 0.00	26.45 0.77 0.00
STONY___BROOK 24151	27.38 1.99 -2.81	25.04 2.02 -2.43	21.18 1.81 -1.12	20.21 1.66 -1.09	22.53 1.74 -0.53	24.68 1.77 -0.54	27.00 1.90 -0.42	25.36 1.82 -0.50	22.97 1.80 -0.69	21.00 1.73 -0.82	23.23 1.78 -2.48	23.27 1.82 -2.47	23.80 1.87 -2.60	24.28 1.94 -3.17	24.11 1.94 -2.95	25.58 2.13 -3.11	29.34 2.29 -3.69	42.72 2.95 -10.23	44.46 3.30 -4.55	46.22 3.08 -2.08	51.45 3.40 -2.13	43.76 2.82 -2.78	36.13 2.48 -2.28	30.05 1.98 -2.39
STURGEON_POOL_HYD 23609	23.70 1.11 0.00	21.87 1.28 0.00	19.37 1.11 0.00	18.46 1.00 0.00	21.23 0.97 0.00	23.34 0.96 0.00	25.71 1.04 0.00	24.05 1.01 0.00	21.48 1.00 0.00	19.42 0.98 0.00	19.99 1.02 0.00	20.06 1.08 0.00	20.43 1.10 0.00	20.35 1.17 0.00	20.39 1.17 0.00	21.63 1.30 0.00	24.74 1.38 0.00	31.25 1.71 0.00	38.59 1.98 0.00	42.91 1.85 0.00	47.94 2.02 0.00	39.76 1.60 0.00	32.68 1.32 0.00	26.81 1.13 0.00

ST_LAW_115_BK7_LBMP 345037	22.39 -0.20 0.00	20.28 -0.31 0.00	17.93 -0.33 0.00	17.18 -0.28 0.00	20.05 -0.20 0.00	22.22 -0.16 0.00	24.65 -0.02 0.00	23.08 0.05 0.00	20.50 0.02 0.00	18.43 -0.02 0.00	18.97 0.00 0.00	18.92 -0.06 0.00	19.29 -0.04 0.00	19.12 -0.06 0.00	19.14 -0.08 0.00	20.25 -0.08 0.00	23.29 -0.07 0.00	29.45 -0.09 0.00	36.61 0.00 0.00	41.19 0.12 0.00	45.83 -0.09 0.00	38.20 0.04 0.00	31.40 0.03 0.00	25.55 -0.13 0.00
ST_LAW_115_BK8_LBMP 345038	22.39 -0.20 0.00	20.28 -0.31 0.00	17.93 -0.33 0.00	17.18 -0.28 0.00	20.05 -0.20 0.00	22.22 -0.16 0.00	24.65 -0.02 0.00	23.08 0.05 0.00	20.50 0.02 0.00	18.43 -0.02 0.00	18.97 0.00 0.00	18.92 -0.06 0.00	19.29 -0.04 0.00	19.12 -0.06 0.00	19.14 -0.08 0.00	20.25 -0.08 0.00	23.29 -0.07 0.00	29.45 -0.09 0.00	36.61 0.00 0.00	41.19 0.12 0.00	45.83 -0.09 0.00	38.20 0.04 0.00	31.40 0.03 0.00	25.55 -0.13 0.00
ST_LAW_230_BK5_LBMP 345035	22.41 -0.18 0.00	20.30 -0.29 0.00	17.94 -0.31 0.00	17.20 -0.26 0.00	20.07 -0.18 0.00	22.24 -0.13 0.00	24.65 -0.02 0.00	23.06 0.02 0.00	20.50 0.02 0.00	18.43 -0.02 0.00	18.97 0.00 0.00	18.92 -0.06 0.00	19.29 -0.04 0.00	19.12 -0.06 0.00	19.14 -0.08 0.00	20.25 -0.08 0.00	23.29 -0.07 0.00	29.45 -0.09 0.00	36.61 0.00 0.00	41.19 0.12 0.00	45.87 -0.05 0.00	38.16 0.00 0.00	31.36 0.00 0.00	25.55 -0.13 0.00
ST_LAW_230_BK6_LBMP 345036	22.41 -0.18 0.00	20.30 -0.29 0.00	17.94 -0.31 0.00	17.20 -0.26 0.00	20.07 -0.18 0.00	22.24 -0.13 0.00	24.65 -0.02 0.00	23.06 0.02 0.00	20.50 0.02 0.00	18.43 -0.02 0.00	18.97 0.00 0.00	18.92 -0.06 0.00	19.29 -0.04 0.00	19.12 -0.06 0.00	19.14 -0.08 0.00	20.25 -0.08 0.00	23.29 -0.07 0.00	29.45 -0.09 0.00	36.61 0.00 0.00	41.19 0.12 0.00	45.87 -0.05 0.00	38.16 0.00 0.00	31.36 0.00 0.00	25.55 -0.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.43 0.84 0.00	21.58 0.99 0.00	19.13 0.88 0.00	18.23 0.77 0.00	20.98 0.73 0.00	23.09 0.72 0.00	25.42 0.74 0.00	23.79 0.76 0.00	21.26 0.78 0.00	19.24 0.79 0.00	19.78 0.82 0.00	19.85 0.87 0.00	20.21 0.89 0.00	20.12 0.94 0.00	20.16 0.94 0.00	21.37 1.04 0.00	24.46 1.10 0.00	30.84 1.30 0.00	38.08 1.46 0.00	42.38 1.31 0.00	47.39 1.47 0.00	39.34 1.18 0.00	32.31 0.94 0.00	26.50 0.82 0.00
SWANROAD_115KV_TB1 355699	20.69 -1.90 0.00	18.80 -1.79 0.00	16.99 -1.26 0.00	16.29 -1.17 0.00	18.84 -1.42 0.00	20.58 -1.79 0.00	22.51 -2.17 0.00	20.68 -2.35 0.00	18.51 -1.97 0.00	16.58 -1.86 0.00	16.97 -1.99 0.00	16.95 -2.03 0.00	17.26 -2.07 0.00	17.03 -2.15 0.00	16.99 -2.23 0.00	17.91 -2.42 0.00	20.72 -2.64 0.00	26.32 -3.22 0.00	32.73 -3.88 0.00	37.08 -3.98 0.00	42.06 -3.86 0.00	34.50 -3.66 0.00	28.45 -2.92 0.00	23.94 -1.75 0.00
SYNERGY___BIOGAS 323694	21.55 -1.04 0.00	19.56 -1.03 0.00	17.71 -0.55 0.00	16.97 -0.49 0.00	19.63 -0.63 0.00	21.41 -0.96 0.00	23.57 -1.11 0.00	21.72 -1.31 0.00	19.27 -1.21 0.00	17.23 -1.22 0.00	17.64 -1.33 0.00	17.61 -1.37 0.00	17.93 -1.39 0.00	17.68 -1.50 0.00	17.68 -1.54 0.00	18.66 -1.67 0.00	21.66 -1.71 0.00	27.62 -1.92 0.00	34.52 -2.09 0.00	39.22 -1.85 0.00	44.59 -1.33 0.00	36.56 -1.60 0.00	30.05 -1.32 0.00	25.04 -0.64 0.00
SYRACUSE___ENERGY_ST1 323597	22.03 -0.56 0.00	20.10 -0.49 0.00	17.89 -0.37 0.00	17.09 -0.37 0.00	19.79 -0.47 0.00	21.77 -0.60 0.00	23.96 -0.72 0.00	22.32 -0.71 0.00	19.82 -0.66 0.00	17.82 -0.63 0.00	18.30 -0.66 0.00	18.33 -0.65 0.00	18.67 -0.66 0.00	18.49 -0.69 0.00	18.52 -0.69 0.00	19.58 -0.75 0.00	22.57 -0.79 0.00	28.65 -0.89 0.00	35.59 -1.03 0.00	40.00 -1.07 0.00	45.00 -0.92 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.09 -0.59 0.00
SYRACUSE___ENERGY_ST2 323598	22.03 -0.56 0.00	20.10 -0.49 0.00	17.89 -0.37 0.00	17.09 -0.37 0.00	19.79 -0.47 0.00	21.77 -0.60 0.00	23.96 -0.72 0.00	22.32 -0.71 0.00	19.82 -0.66 0.00	17.82 -0.63 0.00	18.30 -0.66 0.00	18.33 -0.65 0.00	18.67 -0.66 0.00	18.49 -0.69 0.00	18.52 -0.69 0.00	19.58 -0.75 0.00	22.57 -0.79 0.00	28.65 -0.89 0.00	35.59 -1.03 0.00	40.00 -1.07 0.00	45.00 -0.92 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.09 -0.59 0.00
SYRACUSE___POWER 24017	22.12 -0.47 0.00	20.18 -0.41 0.00	17.98 -0.27 0.00	17.18 -0.28 0.00	19.87 -0.38 0.00	21.88 -0.49 0.00	24.06 -0.62 0.00	22.41 -0.62 0.00	19.93 -0.55 0.00	17.89 -0.55 0.00	18.40 -0.57 0.00	18.41 -0.57 0.00	18.74 -0.58 0.00	18.56 -0.61 0.00	18.60 -0.61 0.00	19.68 -0.65 0.00	22.68 -0.68 0.00	28.80 -0.74 0.00	35.73 -0.88 0.00	40.12 -0.94 0.00	45.14 -0.78 0.00	37.32 -0.84 0.00	30.71 -0.66 0.00	25.19 -0.49 0.00
TALLMAN__138KV_BK151 55660	23.54 0.95 0.00	21.72 1.13 0.00	19.26 1.00 0.00	18.35 0.89 0.00	21.10 0.85 0.00	23.20 0.83 0.00	25.54 0.86 0.00	23.93 0.90 0.00	21.40 0.92 0.00	19.40 0.96 0.00	19.97 1.01 0.00	20.04 1.06 0.00	20.41 1.08 0.00	20.31 1.13 0.00	20.35 1.13 0.00	21.57 1.24 0.00	24.67 1.31 0.00	31.10 1.57 0.00	38.33 1.72 0.00	42.63 1.56 0.00	47.66 1.74 0.00	39.57 1.41 0.00	32.49 1.13 0.00	26.63 0.95 0.00
TEALLAVE_115KV_TB7 355573	22.05 -0.54 0.00	20.14 -0.45 0.00	17.93 -0.33 0.00	17.13 -0.33 0.00	19.81 -0.45 0.00	21.81 -0.56 0.00	23.99 -0.69 0.00	22.36 -0.67 0.00	19.87 -0.61 0.00	17.85 -0.59 0.00	18.36 -0.61 0.00	18.37 -0.61 0.00	18.71 -0.62 0.00	18.54 -0.63 0.00	18.56 -0.65 0.00	19.64 -0.69 0.00	22.61 -0.75 0.00	28.71 -0.83 0.00	35.59 -1.03 0.00	39.96 -1.11 0.00	44.95 -0.96 0.00	37.17 -0.99 0.00	30.61 -0.75 0.00	25.14 -0.54 0.00
TELGRAPH_34_KV_EAST 80808	21.17 -1.42 0.00	19.21 -1.38 0.00	17.40 -0.86 0.00	16.66 -0.80 0.00	19.26 -0.99 0.00	21.03 -1.34 0.00	23.07 -1.60 0.00	21.24 -1.80 0.00	18.94 -1.54 0.00	16.95 -1.49 0.00	17.35 -1.61 0.00	17.33 -1.65 0.00	17.64 -1.68 0.00	17.39 -1.78 0.00	17.39 -1.83 0.00	18.34 -1.99 0.00	21.24 -2.13 0.00	27.03 -2.51 0.00	33.68 -2.93 0.00	38.19 -2.87 0.00	43.35 -2.57 0.00	35.57 -2.59 0.00	29.26 -2.10 0.00	24.50 -1.18 0.00
TEMPLE___115KV_TB 2 55572	22.07 -0.52 0.00	20.14 -0.45 0.00	17.93 -0.33 0.00	17.15 -0.31 0.00	19.83 -0.43 0.00	21.81 -0.56 0.00	24.01 -0.67 0.00	22.36 -0.67 0.00	19.89 -0.59 0.00	17.85 -0.59 0.00	18.36 -0.61 0.00	18.39 -0.59 0.00	18.73 -0.60 0.00	18.54 -0.63 0.00	18.58 -0.63 0.00	19.64 -0.69 0.00	22.64 -0.72 0.00	28.74 -0.80 0.00	35.62 -0.99 0.00	40.00 -1.07 0.00	44.95 -0.96 0.00	37.21 -0.95 0.00	30.61 -0.75 0.00	25.14 -0.54 0.00
TIANA____69_KV_BK 1 55817	27.34 2.12 -2.63	25.07 2.18 -2.29	21.28 1.97 -1.05	20.32 1.83 -1.03	22.65 1.90 -0.50	24.81 1.92 -0.51	27.14 2.07 -0.40	25.49 1.98 -0.47	23.09 1.97 -0.65	21.10 1.88 -0.77	23.24 1.93 -2.34	23.28 1.97 -2.33	23.83 2.05 -2.45	24.27 2.11 -2.98	24.11 2.11 -2.78	25.59 2.34 -2.92	29.39 2.52 -3.50	42.61 3.34 -9.73	44.53 3.77 -4.15	46.64 3.61 -1.96	51.78 3.95 -1.92	43.98 3.28 -2.53	36.31 2.79 -2.15	30.15 2.23 -2.24

TILDEN___115KV_TB1 80814	22.12 -0.47 0.00	20.18 -0.41 0.00	17.98 -0.27 0.00	17.18 -0.28 0.00	19.87 -0.38 0.00	21.88 -0.49 0.00	24.06 -0.62 0.00	22.41 -0.62 0.00	19.93 -0.55 0.00	17.89 -0.55 0.00	18.40 -0.57 0.00	18.41 -0.57 0.00	18.74 -0.58 0.00	18.56 -0.61 0.00	18.60 -0.61 0.00	19.68 -0.65 0.00	22.68 -0.68 0.00	28.80 -0.74 0.00	35.73 -0.88 0.00	40.12 -0.94 0.00	45.14 -0.78 0.00	37.32 -0.84 0.00	30.71 -0.66 0.00	25.19 -0.49 0.00
TRIGEN___CC 323695	48.02 1.42 -24.00	41.44 1.61 -19.25	28.51 1.44 -8.82	27.37 1.33 -8.59	25.63 1.38 -4.00	27.98 1.36 -4.24	29.49 1.51 -3.31	28.48 1.50 -3.95	27.30 1.43 -5.38	26.15 1.42 -6.28	40.03 1.44 -19.62	40.03 1.50 -19.55	41.44 1.51 -20.61	46.61 1.53 -25.90	44.16 1.56 -23.39	47.93 1.63 -25.97	51.07 1.71 -26.00	101.39 2.10 -69.75	91.07 2.38 -52.08	59.85 2.26 -16.53	76.01 2.48 -27.61	72.35 2.06 -32.13	51.57 1.73 -18.48	47.39 1.46 -20.24
TRINITY___115KV___4 BK 55933	22.84 0.25 0.00	20.94 0.35 0.00	18.58 0.33 0.00	17.74 0.28 0.00	20.48 0.22 0.00	22.51 0.13 0.00	24.80 0.12 0.00	23.15 0.12 0.00	20.54 0.06 0.00	18.52 0.07 0.00	19.04 0.08 0.00	19.05 0.08 0.00	19.40 0.08 0.00	19.29 0.12 0.00	19.35 0.13 0.00	20.45 0.12 0.00	23.50 0.14 0.00	29.63 0.09 0.00	36.57 -0.04 0.00	41.02 -0.04 0.00	45.73 -0.18 0.00	38.09 -0.08 0.00	31.36 0.00 0.00	25.76 0.08 0.00
UNION___PROCESSING_DRP 323587	21.53 -1.06 0.00	19.54 -1.05 0.00	17.58 -0.68 0.00	16.85 -0.61 0.00	19.48 -0.77 0.00	21.34 -1.03 0.00	23.49 -1.18 0.00	21.74 -1.29 0.00	19.31 -1.17 0.00	17.32 -1.13 0.00	17.79 -1.18 0.00	17.80 -1.18 0.00	18.15 -1.18 0.00	17.91 -1.27 0.00	17.93 -1.29 0.00	18.95 -1.38 0.00	21.91 -1.45 0.00	27.82 -1.71 0.00	34.60 -2.01 0.00	39.09 -1.97 0.00	44.17 -1.74 0.00	36.41 -1.76 0.00	29.92 -1.44 0.00	24.81 -0.87 0.00
UPPER HUDSON___HYD 24058	23.45 0.86 0.00	21.46 0.86 0.00	19.06 0.80 0.00	18.21 0.75 0.00	21.06 0.81 0.00	23.20 0.83 0.00	25.39 0.72 0.00	23.68 0.64 0.00	20.85 0.37 0.00	18.68 0.24 0.00	19.19 0.23 0.00	19.23 0.25 0.00	19.54 0.21 0.00	19.44 0.27 0.00	19.52 0.31 0.00	20.63 0.31 0.00	23.81 0.44 0.00	30.19 0.65 0.00	37.60 0.99 0.00	42.30 1.23 0.00	47.20 1.28 0.00	39.35 1.18 0.00	32.21 0.85 0.00	26.48 0.80 0.00
UPPER RAQUET___HYD 24056	22.14 -0.45 0.00	19.99 -0.60 0.00	17.67 -0.58 0.00	16.95 -0.51 0.00	19.81 -0.45 0.00	21.95 -0.43 0.00	24.48 -0.20 0.00	22.92 -0.11 0.00	20.30 -0.18 0.00	18.20 -0.24 0.00	18.74 -0.23 0.00	18.66 -0.32 0.00	19.01 -0.31 0.00	18.83 -0.34 0.00	18.85 -0.37 0.00	19.92 -0.41 0.00	22.97 -0.40 0.00	29.10 -0.44 0.00	36.32 -0.29 0.00	41.07 0.00 0.00	45.50 -0.41 0.00	38.05 -0.11 0.00	31.27 -0.09 0.00	25.32 -0.36 0.00
VALLEY44_115KV_TB2 355964	21.60 -0.99 0.00	19.77 -0.82 0.00	17.83 -0.42 0.00	17.08 -0.38 0.00	19.69 -0.57 0.00	21.50 -0.87 0.00	23.49 -1.18 0.00	21.67 -1.36 0.00	19.42 -1.06 0.00	17.50 -0.94 0.00	17.88 -1.08 0.00	17.84 -1.14 0.00	18.18 -1.14 0.00	17.93 -1.25 0.00	17.85 -1.36 0.00	18.87 -1.46 0.00	21.82 -1.54 0.00	27.68 -1.86 0.00	34.45 -2.16 0.00	39.14 -1.93 0.00	44.40 -1.52 0.00	36.33 -1.83 0.00	29.83 -1.54 0.00	24.86 -0.82 0.00
VALLEY___115KV_TB 1-4 80826	22.48 -0.11 0.00	20.51 -0.08 0.00	18.20 -0.05 0.00	17.39 -0.07 0.00	20.17 -0.08 0.00	22.26 -0.11 0.00	24.50 -0.17 0.00	22.89 -0.14 0.00	20.36 -0.12 0.00	18.32 -0.13 0.00	18.85 -0.11 0.00	18.87 -0.11 0.00	19.19 -0.14 0.00	19.02 -0.15 0.00	19.06 -0.15 0.00	20.17 -0.16 0.00	23.18 -0.19 0.00	29.33 -0.21 0.00	36.35 -0.26 0.00	40.82 -0.25 0.00	45.64 -0.28 0.00	37.97 -0.19 0.00	31.24 -0.13 0.00	25.61 -0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.40 0.81 0.00	21.42 0.82 0.00	19.04 0.78 0.00	18.18 0.72 0.00	21.00 0.75 0.00	23.13 0.76 0.00	25.39 0.72 0.00	23.68 0.64 0.00	21.05 0.57 0.00	18.94 0.50 0.00	19.50 0.53 0.00	19.51 0.53 0.00	19.83 0.50 0.00	19.60 0.42 0.00	19.68 0.46 0.00	20.80 0.47 0.00	23.92 0.56 0.00	30.33 0.80 0.00	37.67 1.06 0.00	42.30 1.23 0.00	47.48 1.56 0.00	39.42 1.26 0.00	32.40 1.04 0.00	26.58 0.90 0.00
VISCHER___FERRY HYD 24020	23.13 0.54 0.00	21.25 0.66 0.00	18.84 0.58 0.00	18.00 0.54 0.00	20.76 0.51 0.00	22.82 0.45 0.00	25.20 0.52 0.00	23.52 0.48 0.00	20.81 0.33 0.00	18.72 0.28 0.00	19.23 0.27 0.00	19.24 0.27 0.00	19.57 0.25 0.00	19.46 0.29 0.00	19.54 0.33 0.00	20.65 0.32 0.00	23.74 0.37 0.00	29.95 0.41 0.00	37.12 0.51 0.00	41.76 0.70 0.00	46.51 0.60 0.00	38.73 0.57 0.00	31.84 0.47 0.00	26.15 0.46 0.00
V_A_10_SYNC_DSASP 323832	21.10 -1.49 0.00	19.17 -1.42 0.00	17.30 -0.95 0.00	16.62 -0.84 0.00	19.18 -1.07 0.00	20.99 -1.39 0.00	23.00 -1.68 0.00	21.21 -1.82 0.00	18.92 -1.56 0.00	16.97 -1.48 0.00	17.41 -1.55 0.00	17.40 -1.58 0.00	17.72 -1.60 0.00	17.49 -1.69 0.00	17.49 -1.73 0.00	18.44 -1.89 0.00	21.31 -2.06 0.00	27.09 -2.45 0.00	33.61 -3.00 0.00	38.03 -3.04 0.00	42.98 -2.94 0.00	35.38 -2.78 0.00	29.14 -2.23 0.00	24.35 -1.34 0.00
V_CMM_10_SYNC_DSASP 323787	22.50 -0.09 0.00	20.39 -0.21 0.00	18.02 -0.24 0.00	17.29 -0.17 0.00	20.15 -0.10 0.00	22.33 -0.04 0.00	24.75 0.07 0.00	23.17 0.14 0.00	20.58 0.10 0.00	18.50 0.06 0.00	19.04 0.08 0.00	19.00 0.02 0.00	19.36 0.04 0.00	19.20 0.02 0.00	19.20 -0.02 0.00	20.31 -0.02 0.00	23.39 0.02 0.00	29.57 0.03 0.00	36.76 0.15 0.00	41.39 0.33 0.00	46.06 0.14 0.00	38.35 0.19 0.00	31.52 0.16 0.00	25.68 0.00 0.00
V_CMP_10_SYNC_DSASP 323788	22.86 0.27 0.00	20.70 0.10 0.00	18.33 0.07 0.00	17.58 0.12 0.00	20.48 0.22 0.00	22.69 0.31 0.00	25.20 0.52 0.00	23.61 0.58 0.00	20.97 0.49 0.00	18.83 0.39 0.00	19.40 0.44 0.00	19.32 0.34 0.00	19.69 0.37 0.00	19.52 0.35 0.00	19.50 0.29 0.00	20.63 0.31 0.00	23.76 0.40 0.00	30.07 0.53 0.00	37.45 0.84 0.00	42.21 1.15 0.00	46.97 1.06 0.00	39.00 0.84 0.00	31.99 0.63 0.00	26.07 0.39 0.00
V_D_10_SYNC_DSASP 323841	22.59 0.00 0.00	20.45 -0.14 0.00	18.07 -0.18 0.00	17.34 -0.12 0.00	20.21 -0.04 0.00	22.37 0.00 0.00	24.92 0.25 0.00	23.33 0.30 0.00	20.71 0.23 0.00	18.59 0.15 0.00	19.15 0.19 0.00	19.09 0.11 0.00	19.46 0.14 0.00	19.29 0.12 0.00	19.29 0.08 0.00	20.41 0.08 0.00	23.48 0.12 0.00	29.72 0.18 0.00	36.98 0.37 0.00	41.68 0.62 0.00	46.24 0.32 0.00	38.62 0.46 0.00	31.77 0.41 0.00	25.79 0.10 0.00
V_E_10_SYNC_DSASP 323830	23.81 1.22 0.00	21.70 1.11 0.00	19.35 1.10 0.00	18.47 1.01 0.00	21.37 1.11 0.00	23.58 1.21 0.00	25.74 1.06 0.00	23.91 0.88 0.00	21.09 0.61 0.00	18.85 0.41 0.00	19.34 0.38 0.00	19.32 0.34 0.00	19.57 0.25 0.00	19.23 0.06 0.00	19.37 0.15 0.00	20.47 0.14 0.00	23.71 0.35 0.00	30.36 0.83 0.00	38.15 1.54 0.00	43.24 2.18 0.00	48.90 2.98 0.00	40.41 2.25 0.00	33.18 1.82 0.00	27.15 1.46 0.00

V_F_30_NSYNC___DSASP 323816	23.40 0.81 0.00	21.46 0.86 0.00	19.04 0.78 0.00	18.18 0.72 0.00	21.00 0.75 0.00	23.13 0.76 0.00	25.42 0.74 0.00	23.70 0.67 0.00	20.91 0.43 0.00	18.78 0.33 0.00	19.29 0.32 0.00	19.32 0.34 0.00	19.65 0.33 0.00	19.54 0.36 0.00	19.62 0.40 0.00	20.74 0.41 0.00	23.90 0.54 0.00	30.22 0.68 0.00	37.56 0.95 0.00	42.26 1.19 0.00	47.16 1.24 0.00	39.31 1.14 0.00	32.24 0.88 0.00	26.48 0.80 0.00
V_F_30_SYNC_DSASP 323786	22.91 0.32 0.00	20.98 0.39 0.00	18.62 0.37 0.00	17.77 0.31 0.00	20.52 0.26 0.00	22.57 0.20 0.00	24.87 0.20 0.00	23.22 0.18 0.00	20.58 0.10 0.00	18.56 0.11 0.00	19.08 0.11 0.00	19.09 0.11 0.00	19.44 0.12 0.00	19.33 0.15 0.00	19.39 0.17 0.00	20.49 0.16 0.00	23.57 0.21 0.00	29.71 0.18 0.00	36.72 0.11 0.00	41.19 0.12 0.00	45.87 -0.05 0.00	38.24 0.08 0.00	31.46 0.09 0.00	25.86 0.18 0.00
V_XM_10_SYNC_DSASP 323789	22.86 0.27 0.00	20.70 0.10 0.00	18.33 0.07 0.00	17.58 0.12 0.00	20.48 0.22 0.00	22.69 0.31 0.00	25.20 0.52 0.00	23.61 0.58 0.00	20.97 0.49 0.00	18.83 0.39 0.00	19.40 0.44 0.00	19.32 0.34 0.00	19.69 0.37 0.00	19.52 0.35 0.00	19.50 0.29 0.00	20.63 0.31 0.00	23.76 0.40 0.00	30.07 0.53 0.00	37.45 0.84 0.00	42.21 1.15 0.00	46.97 1.06 0.00	39.00 0.84 0.00	31.99 0.63 0.00	26.07 0.39 0.00
W.BABYLN_69_KV_BK1 56697	31.82 1.97 -7.26	28.63 2.08 -5.96	22.90 1.84 -2.81	21.92 1.71 -2.75	23.41 1.78 -1.37	25.59 1.83 -1.38	27.75 2.00 -1.07	26.23 1.91 -1.28	24.10 1.86 -1.75	22.29 1.79 -2.05	26.86 1.82 -6.08	26.89 1.86 -6.05	27.62 1.91 -6.38	29.08 1.96 -7.94	28.44 1.98 -7.24	30.40 2.15 -7.92	34.03 2.31 -8.36	55.17 2.95 -22.68	54.63 3.40 -14.62	49.42 3.24 -5.11	57.04 3.58 -7.54	50.17 3.01 -9.00	39.59 2.54 -5.69	33.90 2.08 -6.14
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.61 1.02 0.00	21.79 1.19 0.00	19.31 1.06 0.00	18.40 0.94 0.00	21.16 0.91 0.00	23.27 0.89 0.00	25.61 0.94 0.00	24.00 0.97 0.00	21.46 0.98 0.00	19.44 1.00 0.00	20.01 1.04 0.00	20.08 1.10 0.00	20.46 1.14 0.00	20.37 1.19 0.00	20.41 1.19 0.00	21.63 1.30 0.00	24.74 1.38 0.00	31.19 1.65 0.00	38.48 1.87 0.00	42.79 1.72 0.00	47.85 1.93 0.00	39.69 1.53 0.00	32.62 1.25 0.00	26.71 1.03 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.81 1.22 0.00	21.99 1.40 0.00	19.48 1.22 0.00	18.56 1.10 0.00	21.33 1.07 0.00	23.42 1.05 0.00	25.84 1.16 0.00	24.23 1.20 0.00	21.71 1.23 0.00	19.70 1.25 0.00	20.27 1.31 0.00	20.35 1.37 0.00	20.72 1.39 0.00	20.63 1.46 0.00	20.67 1.46 0.00	21.89 1.57 0.00	24.97 1.61 0.00	31.49 1.95 0.00	38.81 2.20 0.00	43.08 2.01 0.00	48.12 2.20 0.00	39.99 1.83 0.00	32.84 1.47 0.00	26.89 1.21 0.00
W50THST__13_KV_LOAD 356117	23.88 1.29 0.00	22.07 1.48 0.00	19.53 1.28 0.00	18.61 1.15 0.00	21.39 1.13 0.00	23.49 1.12 0.00	25.91 1.23 0.00	24.30 1.27 0.00	21.77 1.29 0.00	19.77 1.33 0.00	20.35 1.38 0.00	20.42 1.44 0.00	20.81 1.49 0.00	20.71 1.53 0.00	20.77 1.56 0.00	21.98 1.65 0.00	25.07 1.71 0.00	31.60 2.07 0.00	38.95 2.34 0.00	43.20 2.14 0.00	48.26 2.34 0.00	40.11 1.95 0.00	32.96 1.60 0.00	26.97 1.28 0.00
WADING RIVER_IC_1 23522	27.26 2.06 -2.61	24.95 2.08 -2.28	21.18 1.88 -1.05	20.21 1.73 -1.02	22.57 1.82 -0.49	24.69 1.81 -0.51	27.04 1.97 -0.39	25.35 1.84 -0.47	22.99 1.86 -0.64	20.98 1.77 -0.77	23.11 1.82 -2.32	23.15 1.86 -2.31	23.68 1.91 -2.44	24.11 1.98 -2.96	23.98 2.00 -2.77	25.43 2.20 -2.90	29.21 2.36 -3.49	42.32 3.10 -9.68	44.23 3.52 -4.11	46.30 3.29 -1.94	51.44 3.63 -1.90	43.68 3.01 -2.51	36.10 2.60 -2.14	29.96 2.06 -2.22
WADING RIVER_IC_2 23547	27.26 2.06 -2.61	24.95 2.08 -2.28	21.18 1.88 -1.05	20.21 1.73 -1.02	22.57 1.82 -0.49	24.69 1.81 -0.51	27.04 1.97 -0.39	25.35 1.84 -0.47	22.99 1.86 -0.64	20.98 1.77 -0.77	23.11 1.82 -2.32	23.15 1.86 -2.31	23.68 1.91 -2.44	24.11 1.98 -2.96	23.98 2.00 -2.77	25.43 2.20 -2.90	29.21 2.36 -3.49	42.32 3.10 -9.68	44.23 3.52 -4.11	46.30 3.29 -1.94	51.44 3.63 -1.90	43.68 3.01 -2.51	36.10 2.60 -2.14	29.96 2.06 -2.22
WADING RIVER_IC_3 23601	27.26 2.06 -2.61	24.95 2.08 -2.28	21.18 1.88 -1.05	20.21 1.73 -1.02	22.57 1.82 -0.49	24.69 1.81 -0.51	27.04 1.97 -0.39	25.35 1.84 -0.47	22.99 1.86 -0.64	20.98 1.77 -0.77	23.11 1.82 -2.32	23.15 1.86 -2.31	23.68 1.91 -2.44	24.11 1.98 -2.96	23.98 2.00 -2.77	25.43 2.20 -2.90	29.21 2.36 -3.49	42.32 3.10 -9.68	44.23 3.52 -4.11	46.30 3.29 -1.94	51.44 3.63 -1.90	43.68 3.01 -2.51	36.10 2.60 -2.14	29.96 2.06 -2.22
WALDENNY_12_KV_BK2 80841	21.30 -1.29 0.00	19.42 -1.17 0.00	17.54 -0.71 0.00	16.80 -0.66 0.00	19.38 -0.87 0.00	21.19 -1.19 0.00	23.15 -1.53 0.00	21.31 -1.73 0.00	19.11 -1.37 0.00	17.14 -1.31 0.00	17.52 -1.44 0.00	17.48 -1.50 0.00	17.78 -1.55 0.00	17.55 -1.63 0.00	17.50 -1.71 0.00	18.48 -1.85 0.00	21.38 -1.99 0.00	27.17 -2.36 0.00	33.87 -2.75 0.00	38.44 -2.63 0.00	43.53 -2.39 0.00	35.64 -2.52 0.00	29.36 -2.01 0.00	24.63 -1.05 0.00
WALDEN__HYDRO 24148	23.54 0.95 0.00	21.70 1.11 0.00	19.22 0.97 0.00	18.32 0.86 0.00	21.08 0.83 0.00	23.20 0.83 0.00	25.54 0.86 0.00	23.91 0.88 0.00	21.34 0.86 0.00	19.29 0.85 0.00	19.84 0.87 0.00	19.91 0.93 0.00	20.27 0.95 0.00	20.17 1.00 0.00	20.21 1.00 0.00	21.45 1.12 0.00	24.55 1.19 0.00	31.01 1.48 0.00	38.30 1.68 0.00	42.63 1.56 0.00	47.66 1.74 0.00	39.57 1.41 0.00	32.49 1.13 0.00	26.63 0.95 0.00
WARRENSBURG____ 23737	23.47 0.88 0.00	21.46 0.86 0.00	19.06 0.80 0.00	18.21 0.75 0.00	21.06 0.81 0.00	23.20 0.83 0.00	25.39 0.72 0.00	23.68 0.64 0.00	20.85 0.37 0.00	18.68 0.24 0.00	19.19 0.23 0.00	19.23 0.25 0.00	19.54 0.21 0.00	19.44 0.27 0.00	19.52 0.31 0.00	20.63 0.30 0.00	23.81 0.44 0.00	30.19 0.65 0.00	37.60 0.99 0.00	42.30 1.23 0.00	47.20 1.29 0.00	39.34 1.18 0.00	32.21 0.85 0.00	26.48 0.80 0.00
WATERSIDE____6 8 9 23538	23.92 1.33 0.00	22.10 1.50 0.00	19.57 1.31 0.00	18.65 1.19 0.00	21.43 1.17 0.00	23.42 1.05 0.00	25.79 1.11 0.00	24.25 1.22 0.00	21.77 1.29 0.00	19.77 1.33 0.00	20.35 1.38 0.00	20.42 1.44 0.00	20.79 1.47 0.00	20.71 1.53 0.00	20.75 1.54 0.00	21.98 1.65 0.00	25.07 1.71 0.00	31.58 2.04 0.00	38.92 2.31 0.00	43.16 2.09 0.00	48.08 2.16 0.00	39.99 1.83 0.00	33.00 1.63 0.00	26.97 1.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.52 -0.07 0.00	20.57 -0.02 0.00	18.24 -0.02 0.00	17.44 -0.02 0.00	20.19 -0.06 0.00	22.31 -0.07 0.00	24.55 -0.12 0.00	22.92 -0.12 0.00	20.38 -0.10 0.00	18.35 -0.09 0.00	18.87 -0.09 0.00	18.88 -0.09 0.00	19.21 -0.12 0.00	19.06 -0.12 0.00	19.10 -0.12 0.00	20.21 -0.12 0.00	23.22 -0.14 0.00	29.39 -0.15 0.00	36.43 -0.18 0.00	40.86 -0.21 0.00	45.69 -0.23 0.00	38.05 -0.11 0.00	31.27 -0.09 0.00	25.63 -0.05 0.00

WDELAWARE___HYD 323627	23.72 1.13 0.00	21.83 1.24 0.00	19.33 1.08 0.00	18.42 0.96 0.00	21.23 0.97 0.00	23.38 1.01 0.00	25.71 1.04 0.00	24.02 0.99 0.00	21.44 0.96 0.00	19.31 0.87 0.00	19.86 0.89 0.00	19.93 0.95 0.00	20.29 0.97 0.00	20.17 1.00 0.00	20.21 1.00 0.00	21.47 1.14 0.00	24.60 1.24 0.00	31.13 1.59 0.00	38.55 1.94 0.00	43.00 1.93 0.00	48.08 2.16 0.00	39.88 1.72 0.00	32.71 1.35 0.00	26.84 1.16 0.00
WEST BABYLON___IC 23714	31.82 1.97 -7.26	28.63 2.08 -5.96	22.90 1.84 -2.81	21.92 1.71 -2.75	23.41 1.78 -1.37	25.59 1.83 -1.38	27.75 2.00 -1.07	26.23 1.91 -1.28	24.10 1.86 -1.75	22.29 1.79 -2.05	26.86 1.82 -6.08	26.89 1.86 -6.05	27.62 1.91 -6.38	29.08 1.96 -7.94	28.44 1.98 -7.24	30.40 2.15 -7.92	34.03 2.31 -8.36	55.17 2.95 -22.68	54.63 3.40 -14.62	49.42 3.24 -5.11	57.04 3.58 -7.54	50.17 3.01 -9.00	39.59 2.54 -5.69	33.90 2.08 -6.14
WEST CANADA___HYD 24049	22.59 0.00 0.00	20.61 0.02 0.00	18.29 0.04 0.00	17.48 0.02 0.00	20.25 0.00 0.00	22.35 -0.02 0.00	24.63 -0.05 0.00	22.99 -0.05 0.00	20.44 -0.04 0.00	18.41 -0.04 0.00	18.93 -0.04 0.00	18.94 -0.04 0.00	19.29 -0.04 0.00	19.14 -0.04 0.00	19.18 -0.04 0.00	20.29 -0.04 0.00	23.29 -0.07 0.00	29.45 -0.09 0.00	36.50 -0.11 0.00	40.94 -0.12 0.00	45.78 -0.14 0.00	38.09 -0.08 0.00	31.30 -0.06 0.00	25.66 -0.03 0.00
WESTERN_NY_WIND 24143	21.53 -1.06 0.00	19.54 -1.05 0.00	17.69 -0.57 0.00	16.95 -0.51 0.00	19.60 -0.65 0.00	21.39 -0.98 0.00	23.54 -1.14 0.00	21.70 -1.34 0.00	19.25 -1.23 0.00	17.21 -1.24 0.00	17.62 -1.35 0.00	17.59 -1.39 0.00	17.91 -1.41 0.00	17.66 -1.51 0.00	17.66 -1.56 0.00	18.64 -1.69 0.00	21.63 -1.73 0.00	27.59 -1.95 0.00	34.49 -2.12 0.00	39.18 -1.89 0.00	44.49 -1.42 0.00	36.48 -1.68 0.00	29.98 -1.38 0.00	25.01 -0.67 0.00
WESTOVER___LESR 323668	22.41 -0.18 0.00	20.49 -0.10 0.00	18.27 0.02 0.00	17.46 0.00 0.00	20.17 -0.08 0.00	22.17 -0.20 0.00	24.36 -0.32 0.00	22.64 -0.39 0.00	20.15 -0.33 0.00	18.15 -0.30 0.00	18.62 -0.34 0.00	18.64 -0.34 0.00	18.98 -0.35 0.00	18.79 -0.38 0.00	18.79 -0.42 0.00	19.88 -0.45 0.00	22.90 -0.47 0.00	29.04 -0.50 0.00	36.10 -0.51 0.00	40.61 -0.45 0.00	45.73 -0.18 0.00	37.82 -0.34 0.00	31.05 -0.31 0.00	25.53 -0.15 0.00
WETHRSFD_WT_PWR 323626	21.48 -1.11 0.00	19.60 -0.99 0.00	17.67 -0.58 0.00	16.95 -0.51 0.00	19.54 -0.71 0.00	21.39 -0.98 0.00	23.37 -1.31 0.00	21.51 -1.52 0.00	19.15 -1.33 0.00	17.15 -1.29 0.00	17.56 -1.40 0.00	17.52 -1.46 0.00	17.84 -1.49 0.00	17.62 -1.55 0.00	17.58 -1.63 0.00	18.56 -1.77 0.00	21.47 -1.89 0.00	27.32 -2.22 0.00	34.09 -2.53 0.00	38.85 -2.22 0.00	44.08 -1.84 0.00	36.18 -1.99 0.00	29.77 -1.60 0.00	24.78 -0.90 0.00
WHAVSTOR_138KV_BK127 55557	23.54 0.95 0.00	21.72 1.13 0.00	19.24 0.99 0.00	18.33 0.87 0.00	21.08 0.83 0.00	23.18 0.81 0.00	25.54 0.86 0.00	23.91 0.88 0.00	21.40 0.92 0.00	19.40 0.96 0.00	19.97 1.01 0.00	20.02 1.04 0.00	20.41 1.08 0.00	20.31 1.13 0.00	20.35 1.13 0.00	21.57 1.24 0.00	24.65 1.28 0.00	31.07 1.54 0.00	38.30 1.68 0.00	42.59 1.52 0.00	47.62 1.70 0.00	39.57 1.41 0.00	32.49 1.13 0.00	26.61 0.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.54 0.95 0.00	21.72 1.13 0.00	19.24 0.99 0.00	18.33 0.87 0.00	21.08 0.83 0.00	23.18 0.81 0.00	25.54 0.86 0.00	23.91 0.88 0.00	21.40 0.92 0.00	19.40 0.96 0.00	19.97 1.01 0.00	20.02 1.04 0.00	20.41 1.08 0.00	20.31 1.13 0.00	20.35 1.13 0.00	21.57 1.24 0.00	24.65 1.28 0.00	31.07 1.54 0.00	38.30 1.68 0.00	42.59 1.52 0.00	47.62 1.70 0.00	39.57 1.41 0.00	32.49 1.13 0.00	26.61 0.92 0.00
WHITEHAL_115KV_TB1 80871	23.81 1.22 0.00	21.77 1.17 0.00	19.33 1.08 0.00	18.47 1.01 0.00	21.39 1.13 0.00	23.56 1.19 0.00	25.76 1.09 0.00	23.98 0.94 0.00	21.01 0.53 0.00	18.76 0.31 0.00	19.29 0.32 0.00	19.32 0.34 0.00	19.61 0.29 0.00	19.52 0.35 0.00	19.62 0.40 0.00	20.76 0.43 0.00	24.04 0.68 0.00	30.54 1.00 0.00	38.22 1.61 0.00	43.08 2.01 0.00	48.17 2.25 0.00	40.15 1.98 0.00	32.78 1.41 0.00	26.92 1.23 0.00
WHITEPLN_13_KV_LOAD 356215	23.81 1.22 0.00	21.95 1.36 0.00	19.44 1.19 0.00	18.53 1.07 0.00	21.29 1.03 0.00	23.42 1.05 0.00	25.79 1.11 0.00	24.18 1.15 0.00	21.65 1.17 0.00	19.61 1.16 0.00	20.22 1.25 0.00	20.29 1.31 0.00	20.64 1.31 0.00	20.56 1.38 0.00	20.62 1.40 0.00	21.87 1.55 0.00	25.00 1.64 0.00	31.52 1.98 0.00	38.84 2.23 0.00	43.12 2.05 0.00	48.26 2.34 0.00	40.07 1.91 0.00	32.90 1.54 0.00	26.92 1.23 0.00
WM_FLOYD_69_KV_BK2 356380	27.28 1.99 -2.70	25.02 2.08 -2.35	21.22 1.88 -1.08	20.26 1.75 -1.06	22.57 1.80 -0.51	24.71 1.81 -0.52	27.03 1.95 -0.41	25.38 1.87 -0.49	22.99 1.84 -0.67	21.01 1.77 -0.79	23.16 1.80 -2.40	23.21 1.84 -2.39	23.74 1.89 -2.52	24.19 1.96 -3.06	24.05 1.98 -2.86	25.51 2.18 -3.00	29.28 2.34 -3.58	42.55 3.07 -9.94	44.41 3.48 -4.32	46.36 3.29 -2.01	51.51 3.58 -2.01	43.81 3.01 -2.64	36.17 2.60 -2.21	30.06 2.08 -2.30
WOODARD___115KV_TB2 355635	22.00 -0.59 0.00	20.10 -0.49 0.00	17.89 -0.37 0.00	17.09 -0.37 0.00	19.77 -0.49 0.00	21.77 -0.60 0.00	23.96 -0.72 0.00	22.32 -0.71 0.00	19.85 -0.63 0.00	17.82 -0.63 0.00	18.32 -0.64 0.00	18.35 -0.63 0.00	18.69 -0.64 0.00	18.51 -0.67 0.00	18.54 -0.67 0.00	19.60 -0.73 0.00	22.59 -0.77 0.00	28.68 -0.86 0.00	35.55 -1.06 0.00	39.96 -1.11 0.00	44.91 -1.01 0.00	37.13 -1.03 0.00	30.55 -0.82 0.00	25.09 -0.59 0.00
WOODMERE_69_KV_BK1 55827	72.26 1.65 -48.02	60.64 1.81 -38.23	37.10 1.64 -17.20	35.66 1.50 -16.70	30.72 1.58 -8.89	32.11 1.59 -8.15	32.76 1.73 -6.36	32.32 1.70 -7.59	32.46 1.64 -10.34	32.07 1.59 -12.03	59.58 1.63 -38.99	59.51 1.69 -38.84	61.96 1.68 -40.95	72.48 1.71 -51.60	67.40 1.71 -46.47	73.96 1.79 -51.85	75.65 1.92 -50.38	164.47 2.39 -132.54	145.83 2.78 -106.44	76.65 2.71 -32.87	105.79 3.03 -56.85	106.39 2.52 -65.71	70.19 2.04 -36.79	67.87 1.72 -40.47
YORK___WARBASSE 23770	24.01 1.42 0.00	22.16 1.56 0.00	19.62 1.37 0.00	18.68 1.22 0.00	21.49 1.24 0.00	23.47 1.10 0.00	25.86 1.18 0.00	24.30 1.27 0.00	21.81 1.33 0.00	19.79 1.35 0.00	20.37 1.40 0.00	20.44 1.46 0.00	20.83 1.51 0.00	20.73 1.55 0.00	20.77 1.56 0.00	22.02 1.69 0.00	25.16 1.80 0.00	31.72 2.19 0.00	39.14 2.53 0.00	43.41 2.34 0.00	48.35 2.43 0.00	40.22 2.06 0.00	33.15 1.79 0.00	27.09 1.41 0.00