

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/05/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	21.53	20.22	19.95	18.94	20.41	21.45	32.22	35.27	31.13	27.84	26.68	26.30	26.89	27.49	28.73	32.46	37.43	49.74	45.33	38.23	33.23	28.48	26.34	22.98
24138	1.39	1.27	1.25	1.17	1.28	1.38	2.05	2.49	2.54	2.39	2.32	2.37	2.47	2.52	2.59	2.82	3.28	4.36	3.74	3.22	2.94	2.42	2.22	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.57	20.23	19.99	18.98	20.44	21.47	32.25	35.28	31.16	27.87	26.71	26.30	26.91	27.49	28.75	32.49	37.43	49.61	45.33	38.27	33.29	28.51	26.34	22.88
24260	1.43	1.29	1.29	1.21	1.32	1.40	2.08	2.49	2.57	2.42	2.34	2.37	2.49	2.52	2.61	2.85	3.28	4.22	3.74	3.26	3.00	2.45	2.22	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	21.57	20.23	19.99	18.98	20.44	21.47	32.25	35.28	31.16	27.87	26.71	26.30	26.91	27.49	28.75	32.49	37.43	49.61	45.33	38.27	33.29	28.51	26.34	22.88
24261	1.43	1.29	1.29	1.21	1.32	1.40	2.08	2.49	2.57	2.42	2.34	2.37	2.49	2.52	2.61	2.85	3.28	4.22	3.74	3.26	3.00	2.45	2.22	1.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	21.73	20.44	20.12	19.12	20.58	21.17	31.95	34.65	30.39	26.92	25.76	25.17	25.72	26.29	27.45	31.27	36.10	48.38	44.33	37.25	32.14	27.54	25.50	22.67
24011	1.59	1.50	1.42	1.35	1.45	1.10	1.78	1.87	1.80	1.48	1.39	1.24	1.29	1.32	1.31	1.63	1.95	3.00	2.74	2.24	1.85	1.49	1.37	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.83	20.56	20.21	19.21	20.67	21.23	32.07	34.78	30.48	27.00	25.83	25.22	25.76	26.37	27.50	31.33	36.20	48.56	44.50	37.36	32.26	27.62	25.57	22.81
23798	1.69	1.61	1.51	1.44	1.55	1.16	1.90	2.00	1.89	1.55	1.46	1.29	1.34	1.40	1.36	1.69	2.05	3.18	2.91	2.35	1.97	1.56	1.45	1.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.73	20.44	20.12	19.12	20.58	21.17	31.95	34.65	30.39	26.92	25.76	25.17												

ALBANY___2 23572	20.74 0.60 0.00	19.53 0.59 0.00	19.30 0.60 0.00	18.34 0.57 0.00	19.74 0.61 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.74 0.95 0.00	29.56 0.97 0.00	26.29 0.84 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.68 1.04 0.00	35.35 1.20 0.00	47.06 1.68 0.00	43.13 1.54 0.00	36.30 1.30 0.00	31.44 1.15 0.00	26.97 0.91 0.00	24.92 0.80 0.00	21.80 0.63 0.00
ALBANY___3 23573	20.74 0.60 0.00	19.53 0.59 0.00	19.30 0.60 0.00	18.34 0.57 0.00	19.74 0.61 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.74 0.95 0.00	29.56 0.97 0.00	26.29 0.84 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.68 1.04 0.00	35.35 1.20 0.00	47.06 1.68 0.00	43.13 1.54 0.00	36.30 1.30 0.00	31.44 1.15 0.00	26.97 0.91 0.00	24.92 0.80 0.00	21.80 0.63 0.00
ALBANY___4 23574	20.74 0.60 0.00	19.53 0.59 0.00	19.30 0.60 0.00	18.34 0.57 0.00	19.74 0.61 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.74 0.95 0.00	29.56 0.97 0.00	26.29 0.84 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.68 1.04 0.00	35.35 1.20 0.00	47.06 1.68 0.00	43.13 1.54 0.00	36.30 1.30 0.00	31.44 1.15 0.00	26.97 0.91 0.00	24.92 0.80 0.00	21.80 0.63 0.00
ALBANY___LFGE 323615	20.91 0.77 0.00	19.72 0.78 0.00	19.45 0.75 0.00	18.48 0.71 0.00	19.89 0.77 0.00	20.79 0.72 0.00	31.26 1.08 0.00	34.00 1.21 0.00	29.82 1.23 0.00	26.52 1.07 0.00	25.39 1.02 0.00	24.91 0.98 0.00	25.47 1.05 0.00	26.04 1.07 0.00	27.24 1.10 0.00	30.94 1.30 0.00	35.66 1.50 0.00	47.52 2.13 0.00	43.50 1.91 0.00	36.59 1.58 0.00	31.69 1.39 0.00	27.20 1.15 0.00	25.13 1.01 0.00	22.03 0.87 0.00
ALCOA_PA_115KV_PL-6C 55860	9.93 -0.18 10.03	18.75 -0.19 0.01	18.50 -0.19 0.01	17.58 -0.18 0.01	18.93 -0.19 0.00	19.88 -0.18 0.00	29.99 -0.18 0.00	32.65 -0.13 0.00	28.30 -0.29 0.01	25.19 -0.25 0.01	24.09 -0.27 0.01	23.67 -0.26 0.00	24.10 -0.32 0.00	24.62 -0.35 0.00	25.83 -0.31 0.00	29.29 -0.36 0.00	33.77 -0.38 0.01	44.68 -0.36 0.35	16.18 -0.33 25.07	10.77 -0.28 23.96	9.32 -0.24 20.73	7.99 -0.21 17.86	7.38 -0.22 16.52	6.40 -0.21 14.55
ALCOA_RYNLDS___DRP 24188	9.93 -0.18 10.03	18.75 -0.19 0.01	18.50 -0.19 0.01	17.58 -0.18 0.01	18.93 -0.19 0.00	19.88 -0.18 0.00	29.99 -0.18 0.00	32.65 -0.13 0.00	28.30 -0.29 0.01	25.19 -0.25 0.01	24.09 -0.27 0.01	23.67 -0.26 0.00	24.10 -0.32 0.00	24.62 -0.35 0.00	25.83 -0.31 0.00	29.29 -0.36 0.00	33.77 -0.38 0.01	44.68 -0.36 0.35	16.18 -0.33 25.07	10.77 -0.28 23.96	9.32 -0.24 20.73	7.99 -0.21 17.86	7.38 -0.22 16.52	6.40 -0.21 14.55
ALCOA___DSASP 323711	9.93 -0.18 10.03	18.75 -0.19 0.01	18.50 -0.19 0.01	17.58 -0.18 0.01	18.93 -0.19 0.00	19.88 -0.18 0.00	29.99 -0.18 0.00	32.65 -0.13 0.00	28.30 -0.29 0.01	25.19 -0.25 0.01	24.09 -0.27 0.01	23.67 -0.26 0.00	24.10 -0.32 0.00	24.62 -0.35 0.00	25.83 -0.31 0.00	29.29 -0.35 0.00	33.77 -0.37 0.01	44.67 -0.36 0.35	16.18 -0.33 25.07	10.76 -0.28 23.96	9.32 -0.24 20.73	7.99 -0.21 17.86	7.38 -0.22 16.52	6.40 -0.21 14.55
ALLEGHENY___COGEN 23514	19.78 -0.36 0.00	18.53 -0.42 0.00	18.21 -0.49 0.00	17.31 -0.46 0.00	18.68 -0.44 0.00	19.85 -0.22 0.00	30.20 0.03 0.00	32.75 -0.03 0.00	28.05 -0.54 0.00	24.76 -0.69 0.00	23.66 -0.71 0.00	23.16 -0.77 0.00	23.49 -0.93 0.00	24.15 -0.82 0.00	25.17 -0.97 0.00	28.58 -1.07 0.00	33.06 -1.09 0.00	43.66 -1.72 0.00	40.38 -1.21 0.00	34.07 -0.94 0.00	29.14 -1.15 0.00	25.35 -0.70 0.00	23.66 -0.46 0.00	20.82 -0.34 0.00
ALTAMONT_115KV_TB 2 55880	20.78 0.64 0.00	19.57 0.63 0.00	19.34 0.64 0.00	18.35 0.59 0.00	19.75 0.63 0.00	20.69 0.62 0.00	31.11 0.94 0.00	33.83 1.05 0.00	29.62 1.03 0.00	26.36 0.92 0.00	25.22 0.85 0.00	24.77 0.84 0.00	25.30 0.88 0.00	25.87 0.90 0.00	27.08 0.94 0.00	30.74 1.10 0.00	35.42 1.26 0.00	47.11 1.72 0.00	43.17 1.58 0.00	36.34 1.33 0.00	31.47 1.18 0.00	27.05 0.99 0.00	24.99 0.87 0.00	21.86 0.70 0.00
ALTONA_WT_PWR 323606	9.92 -1.03 9.19	17.93 -1.00 0.01	17.76 -0.93 0.01	16.89 -0.87 0.01	18.24 -0.88 0.00	19.24 -0.82 0.00	28.78 -1.39 0.00	31.47 -1.31 0.00	27.13 -1.46 0.01	24.02 -1.42 0.01	22.85 -1.51 0.01	22.66 -1.27 0.00	23.03 -1.39 0.00	23.52 -1.45 0.00	24.75 -1.39 0.00	28.04 -1.60 0.00	32.27 -1.88 0.01	37.09 -2.41 5.89	16.61 -2.00 22.98	-6.69 -1.68 40.02	-6.73 -1.45 35.57	-6.77 -1.36 31.47	-6.81 -1.33 29.60	-6.81 -1.23 26.74
AMERICAN_REF_FUEL 24010	18.53 -1.61 0.00	17.37 -1.57 0.00	17.07 -1.63 0.00	16.22 -1.55 0.00	17.52 -1.61 0.00	18.56 -1.51 0.00	27.94 -2.23 0.00	29.83 -2.95 0.00	25.76 -2.83 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	22.00 -2.42 0.00	22.62 -2.35 0.00	23.47 -2.67 0.00	26.35 -3.29 0.00	30.19 -3.96 0.00	39.16 -6.22 0.01	36.35 -5.24 0.00	30.81 -4.20 0.00	26.45 -3.85 0.00	23.22 -2.84 0.00	21.83 -2.29 0.00	19.51 -1.65 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	18.73 -1.41 0.00	17.56 -1.38 0.00	17.26 -1.44 0.00	16.42 -1.35 0.00	17.78 -1.34 0.00	18.88 -1.18 0.00	28.63 -1.54 0.00	30.85 -1.93 0.00	26.56 -2.03 0.00	23.67 -1.78 0.00	22.83 -1.53 0.00	22.47 -1.46 0.00	22.71 -1.71 0.00	23.37 -1.60 0.00	24.28 -1.86 0.00	27.24 -2.40 0.00	31.42 -2.73 0.00	40.89 -4.49 0.01	37.85 -3.74 0.00	31.96 -3.05 0.00	27.33 -2.97 0.00	23.92 -2.14 0.00	22.43 -1.69 0.00	19.89 -1.27 0.00
ARTHUR KILL_GT_1 23520	21.69 1.55 0.00	20.33 1.38 0.00	20.06 1.36 0.00	19.03 1.26 0.00	20.50 1.38 0.00	21.47 1.40 0.00	32.22 2.05 0.00	34.78 2.00 0.00	30.93 2.34 0.00	27.69 2.24 0.00	26.51 2.14 0.00	26.13 2.20 0.00	26.77 2.34 0.00	27.42 2.45 0.00	28.68 2.53 -0.01	32.44 2.79 -0.01	37.05 2.90 0.01	49.19 3.81 0.01	44.87 3.28 0.01	37.80 2.80 0.01	33.35 3.06 0.00	28.53 2.48 0.00	26.49 2.37 0.00	23.09 1.93 0.00
ARTHUR_KILL_2 23512	21.63 1.49 0.00	20.29 1.35 0.00	20.01 1.31 0.00	18.98 1.21 0.00	20.46 1.34 0.00	21.41 1.34 0.00	32.13 1.96 0.00	34.69 1.90 0.00	30.88 2.29 0.00	27.61 2.16 0.00	26.44 2.07 0.00	26.06 2.13 0.00	26.72 2.29 0.00	27.34 2.37 0.00	28.60 2.46 -0.01	32.38 2.73 -0.01	36.95 2.80 0.01	49.05 3.67 0.01	44.70 3.12 0.01	37.70 2.70 0.01	33.26 2.97 0.00	28.45 2.40 0.00	26.41 2.29 0.00	23.03 1.86 0.00
ARTHUR_KILL_3 23513	21.37 1.23 0.00	20.06 1.12 0.00	19.82 1.12 0.00	18.80 1.03 0.00	20.25 1.13 0.00	21.29 1.22 0.00	31.95 1.78 0.00	34.95 2.16 0.00	30.88 2.29 0.00	27.61 2.16 0.00	26.46 2.10 0.00	26.06 2.13 0.00	26.67 2.25 0.00	27.27 2.30 0.00	28.49 2.35 0.00	32.19 2.55 0.00	37.06 2.90 0.00	49.20 3.81 0.00	44.92 3.33 0.00	37.88 2.87 0.00	33.02 2.73 0.00	28.27 2.21 0.00	26.15 2.03 0.00	22.86 1.69 0.00

ARTHUR_KILL_COGEN 323718	21.69 1.55 0.00	20.33 1.38 0.00	20.06 1.36 0.00	19.03 1.26 0.00	20.50 1.38 0.00	21.47 1.40 0.00	32.22 2.05 0.00	34.78 2.00 0.00	30.93 2.34 0.00	27.69 2.24 0.00	26.51 2.14 0.00	26.13 2.20 0.00	26.77 2.34 0.00	27.42 2.45 0.00	28.68 2.53 -0.01	32.44 2.79 -0.01	37.05 2.90 0.01	49.19 3.81 0.01	44.87 3.28 0.01	37.80 2.80 0.01	33.35 3.06 0.00	28.53 2.48 0.00	26.49 2.37 0.00	23.09 1.93 0.00
ASHOKAN____ 23654	21.05 0.91 0.00	19.86 0.91 0.00	19.54 0.84 0.00	18.57 0.80 0.00	20.04 0.92 0.00	20.97 0.90 0.00	31.59 1.42 0.00	34.29 1.51 0.00	30.02 1.43 0.00	26.49 1.04 0.00	25.24 0.88 0.00	24.60 0.67 0.00	25.23 0.80 0.00	25.72 0.75 0.00	27.05 0.91 0.00	30.86 1.22 0.00	35.86 1.71 0.00	47.93 2.54 0.00	43.96 2.37 0.00	36.86 1.85 0.00	31.87 1.57 0.00	27.28 1.22 0.00	25.16 1.04 0.00	22.03 0.87 0.00
ASTORIA_EAST_ENERGY_CC1 323581	21.66 1.51 -0.01	20.34 1.38 -0.01	20.07 1.36 -0.01	19.04 1.26 -0.01	20.53 1.40 -0.01	21.51 1.45 0.00	32.35 2.17 -0.01	35.32 2.52 -0.01	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.96 2.54 0.00	27.59 2.62 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.70 4.31 0.00	45.29 3.70 0.00	38.24 3.22 -0.01	33.42 3.12 -0.01	28.62 2.56 -0.01	26.49 2.37 -0.01	23.12 1.95 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	21.66 1.51 -0.01	20.34 1.38 -0.01	20.07 1.36 -0.01	19.04 1.26 -0.01	20.53 1.40 -0.01	21.51 1.45 0.00	32.35 2.17 -0.01	35.32 2.52 -0.01	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.96 2.54 0.00	27.59 2.62 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.70 4.31 0.00	45.29 3.70 0.00	38.24 3.22 -0.01	33.42 3.12 -0.01	28.62 2.56 -0.01	26.49 2.37 -0.01	23.12 1.95 -0.01
ASTORIA_GT2_1 24094	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT2_2 24095	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT2_3 24096	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT2_4 24097	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT3_1 24098	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT3_2 24099	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT3_3 24100	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT3_4 24101	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT4_1 24102	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT4_2 24103	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT4_3 24104	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00

ASTORIA_GT4_4 24105	21.65 1.51 0.00	20.31 1.36 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.52 1.40 0.00	21.51 1.44 0.00	32.34 2.17 0.00	35.34 2.56 0.00	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.99 2.56 0.00	27.57 2.60 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.41 3.12 0.00	28.61 2.55 0.00	26.44 2.32 0.00	22.96 1.80 0.00
ASTORIA_GT_1 23523	21.70 1.55 -0.01	20.36 1.40 -0.01	20.09 1.38 -0.01	19.07 1.30 -0.01	20.55 1.42 -0.01	21.55 1.48 0.00	32.41 2.23 -0.01	35.38 2.59 -0.01	31.22 2.63 0.00	27.94 2.50 0.00	26.76 2.39 0.00	26.37 2.44 0.00	27.04 2.61 0.00	27.64 2.67 0.00	28.89 2.74 -0.01	32.67 3.02 -0.01	37.54 3.38 0.00	49.79 4.40 0.00	45.37 3.78 0.00	38.31 3.29 -0.01	33.48 3.18 -0.01	28.67 2.61 -0.01	26.54 2.41 -0.01	23.16 1.99 -0.01
ASTORIA_GT_10 24110	21.53 1.39 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.08 2.29 0.00	31.02 2.43 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.84 2.42 0.00	27.42 2.45 0.00	28.68 2.54 -0.01	32.41 2.76 -0.01	37.20 3.04 0.00	49.24 3.86 0.00	44.96 3.37 0.00	37.99 2.98 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.27 2.15 0.00	22.81 1.65 0.00
ASTORIA_GT_11 24225	21.53 1.39 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.08 2.29 0.00	31.02 2.43 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.84 2.42 0.00	27.42 2.45 0.00	28.68 2.54 -0.01	32.41 2.76 -0.01	37.20 3.04 0.00	49.24 3.86 0.00	44.96 3.37 0.00	37.99 2.98 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.27 2.15 0.00	22.81 1.65 0.00
ASTORIA_GT_12 24226	21.53 1.39 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.08 2.29 0.00	31.02 2.43 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.84 2.42 0.00	27.42 2.45 0.00	28.68 2.54 -0.01	32.41 2.76 -0.01	37.20 3.04 0.00	49.24 3.86 0.00	44.96 3.37 0.00	37.99 2.98 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.27 2.15 0.00	22.81 1.65 0.00
ASTORIA_GT_13 24227	21.53 1.39 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.08 2.29 0.00	31.02 2.43 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.84 2.42 0.00	27.42 2.45 0.00	28.68 2.54 -0.01	32.41 2.76 -0.01	37.20 3.04 0.00	49.24 3.86 0.00	44.96 3.37 0.00	37.99 2.98 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.27 2.15 0.00	22.81 1.65 0.00
ASTORIA_GT_5 24106	21.69 1.55 0.00	20.33 1.38 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.55 1.48 0.00	32.40 2.23 0.00	35.41 2.62 0.00	31.22 2.63 0.00	27.94 2.49 0.00	26.76 2.39 0.00	26.37 2.44 0.00	27.04 2.61 0.00	27.62 2.65 0.00	28.89 2.74 -0.01	32.67 3.02 -0.01	37.50 3.35 0.00	49.70 4.31 0.00	45.37 3.78 0.00	38.30 3.29 0.00	33.47 3.18 0.00	28.64 2.58 0.00	26.48 2.36 0.00	22.98 1.82 0.00
ASTORIA_GT_7 24107	21.69 1.55 0.00	20.33 1.38 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.55 1.48 0.00	32.40 2.23 0.00	35.41 2.62 0.00	31.22 2.63 0.00	27.94 2.49 0.00	26.76 2.39 0.00	26.37 2.44 0.00	27.04 2.61 0.00	27.62 2.65 0.00	28.89 2.74 -0.01	32.67 3.02 -0.01	37.50 3.35 0.00	49.70 4.31 0.00	45.37 3.78 0.00	38.30 3.29 0.00	33.47 3.18 0.00	28.64 2.58 0.00	26.48 2.36 0.00	22.98 1.82 0.00
ASTORIA_GT_8 24108	21.69 1.55 0.00	20.33 1.38 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.55 1.48 0.00	32.40 2.23 0.00	35.41 2.62 0.00	31.22 2.63 0.00	27.94 2.49 0.00	26.76 2.39 0.00	26.37 2.44 0.00	27.04 2.61 0.00	27.62 2.65 0.00	28.89 2.74 -0.01	32.67 3.02 -0.01	37.50 3.35 0.00	49.70 4.31 0.00	45.37 3.78 0.00	38.30 3.29 0.00	33.47 3.18 0.00	28.64 2.58 0.00	26.48 2.36 0.00	22.98 1.82 0.00
ASTORIA___2 24149	21.66 1.51 -0.01	20.34 1.38 -0.01	20.07 1.36 -0.01	19.04 1.26 -0.01	20.53 1.40 -0.01	21.51 1.45 0.00	32.35 2.17 -0.01	35.32 2.52 -0.01	31.16 2.57 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.96 2.54 0.00	27.59 2.62 0.00	28.84 2.69 -0.01	32.61 2.96 -0.01	37.43 3.28 0.00	49.70 4.31 0.00	45.29 3.70 0.00	38.24 3.22 -0.01	33.42 3.12 -0.01	28.62 2.56 -0.01	26.49 2.37 -0.01	23.12 1.95 -0.01
ASTORIA___3 23516	21.51 1.37 0.00	20.20 1.25 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.04 2.26 0.00	31.02 2.43 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.82 2.39 0.00	27.44 2.47 0.00	28.68 2.53 -0.01	32.41 2.76 -0.01	37.23 3.08 0.00	49.38 3.99 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.32 2.19 0.00	22.96 1.80 0.00
ASTORIA___4 23517	21.53 1.39 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.08 2.29 0.00	31.02 2.43 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.84 2.42 0.00	27.42 2.45 0.00	28.68 2.54 -0.01	32.41 2.76 -0.01	37.20 3.04 0.00	49.24 3.86 0.00	44.96 3.37 0.00	37.99 2.98 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.27 2.15 0.00	22.81 1.65 0.00
ASTORIA___5 23518	21.51 1.37 0.00	20.20 1.25 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.04 2.26 0.00	31.02 2.43 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.82 2.39 0.00	27.44 2.47 0.00	28.68 2.53 -0.01	32.41 2.76 -0.01	37.23 3.08 0.00	49.38 3.99 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.32 2.19 0.00	22.96 1.80 0.00
AST_ENERGY_2_CC3 323677	21.41 1.27 0.00	20.12 1.18 0.00	19.86 1.16 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.31 1.24 0.00	31.98 1.81 0.00	34.95 2.16 0.00	30.88 2.29 0.00	27.61 2.16 0.00	26.46 2.10 0.00	26.09 2.15 0.00	26.67 2.25 0.00	27.27 2.30 0.00	28.49 2.35 0.00	32.22 2.58 0.00	37.09 2.94 0.00	49.24 3.86 0.00	44.92 3.33 0.00	37.91 2.90 0.00	33.02 2.73 0.00	28.27 2.21 0.00	26.17 2.05 0.00	22.92 1.76 0.00
AST_ENERGY_2_CC4 323678	21.41 1.27 0.00	20.12 1.18 0.00	19.86 1.16 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.31 1.24 0.00	31.98 1.81 0.00	34.95 2.16 0.00	30.88 2.29 0.00	27.61 2.16 0.00	26.46 2.10 0.00	26.09 2.15 0.00	26.67 2.25 0.00	27.27 2.30 0.00	28.49 2.35 0.00	32.22 2.58 0.00	37.09 2.94 0.00	49.24 3.86 0.00	44.92 3.33 0.00	37.91 2.90 0.00	33.02 2.73 0.00	28.27 2.21 0.00	26.17 2.05 0.00	22.92 1.76 0.00

ATHENS_STG_1 23668	20.80 0.66 0.00	19.57 0.62 0.00	19.35 0.65 0.00	18.39 0.62 0.00	19.77 0.65 0.00	20.73 0.66 0.00	31.14 0.97 0.00	33.90 1.12 0.00	29.76 1.17 0.00	26.52 1.07 0.00	25.39 1.02 0.00	24.96 1.03 0.00	25.50 1.07 0.00	26.07 1.10 0.00	27.26 1.12 0.00	30.89 1.24 0.00	35.62 1.47 0.00	47.34 1.95 0.00	43.34 1.75 0.00	36.48 1.47 0.00	31.66 1.36 0.00	27.18 1.12 0.00	25.13 1.01 0.00	22.03 0.87 0.00
ATHENS_STG_2 23670	20.80 0.66 0.00	19.57 0.62 0.00	19.35 0.65 0.00	18.39 0.62 0.00	19.77 0.65 0.00	20.73 0.66 0.00	31.14 0.97 0.00	33.90 1.12 0.00	29.76 1.17 0.00	26.52 1.07 0.00	25.39 1.02 0.00	24.96 1.03 0.00	25.50 1.07 0.00	26.07 1.10 0.00	27.26 1.12 0.00	30.89 1.24 0.00	35.62 1.47 0.00	47.34 1.95 0.00	43.34 1.75 0.00	36.48 1.47 0.00	31.66 1.36 0.00	27.18 1.12 0.00	25.13 1.01 0.00	22.03 0.87 0.00
ATHENS_STG_3 23677	20.80 0.66 0.00	19.57 0.62 0.00	19.35 0.65 0.00	18.39 0.62 0.00	19.77 0.65 0.00	20.73 0.66 0.00	31.14 0.97 0.00	33.90 1.12 0.00	29.76 1.17 0.00	26.52 1.07 0.00	25.39 1.02 0.00	24.96 1.03 0.00	25.50 1.07 0.00	26.07 1.10 0.00	27.26 1.12 0.00	30.89 1.24 0.00	35.62 1.47 0.00	47.34 1.95 0.00	43.34 1.75 0.00	36.48 1.47 0.00	31.66 1.36 0.00	27.18 1.12 0.00	25.13 1.01 0.00	22.03 0.87 0.00
AUBURN___LFGE 323710	20.02 -0.12 0.00	18.76 -0.19 0.00	18.51 -0.19 0.00	17.59 -0.18 0.00	18.95 -0.17 0.00	19.95 -0.12 0.00	30.11 -0.06 0.00	32.69 -0.10 0.00	28.33 -0.26 0.00	25.19 -0.25 0.00	24.10 -0.27 0.00	23.69 -0.24 0.00	24.10 -0.32 0.00	24.69 -0.27 0.00	25.83 -0.31 0.00	29.32 -0.33 0.00	33.78 -0.38 0.00	44.80 -0.59 0.00	41.13 -0.46 0.00	34.59 -0.42 0.00	29.84 -0.45 0.00	25.72 -0.34 0.00	23.88 -0.24 0.00	20.97 -0.19 0.00
BABYLON_RES_REC 323704	21.89 1.75 0.00	20.44 1.50 0.00	20.16 1.46 0.00	19.06 1.30 0.00	20.52 1.40 0.00	21.81 1.74 0.00	31.50 1.33 0.00	34.52 1.74 0.00	30.62 2.03 0.00	27.76 2.32 0.00	26.68 2.32 0.00	26.47 2.54 0.00	26.86 2.44 0.00	27.54 2.57 0.00	28.41 2.27 0.00	31.78 2.14 0.00	36.82 2.67 0.00	49.47 4.09 0.00	44.50 2.91 0.00	37.36 2.35 0.00	32.66 2.36 0.00	28.72 2.66 0.00	26.53 2.41 0.00	23.05 1.88 0.00
BABYLON__69_KV_BK2 356345	22.15 2.01 0.00	20.59 1.65 0.00	20.31 1.61 0.00	19.21 1.44 0.00	20.67 1.55 0.00	22.01 1.95 0.00	31.71 1.54 0.00	34.78 2.00 0.00	30.85 2.26 0.00	27.94 2.49 0.00	26.88 2.51 0.00	26.68 2.75 0.00	27.25 2.83 0.00	27.59 2.62 0.00	28.75 2.61 0.00	32.25 2.61 0.00	37.43 3.28 0.00	50.10 4.72 0.00	45.33 3.74 0.00	38.27 3.26 0.00	33.14 2.85 0.00	28.95 2.89 0.00	26.58 2.46 0.00	23.05 1.88 0.00
BALL_HILL_WT_PWR 323825	19.09 -1.05 0.00	17.90 -1.04 0.00	17.58 -1.12 0.00	16.72 -1.05 0.00	18.09 -1.03 0.00	19.18 -0.88 0.00	29.06 -1.12 0.00	31.21 -1.57 0.00	26.90 -1.69 0.00	23.97 -1.48 0.00	23.08 -1.29 0.00	22.64 -1.29 0.00	22.93 -1.49 0.00	23.60 -1.37 0.00	24.49 -1.65 0.00	27.48 -2.16 0.00	31.63 -2.53 0.00	41.16 -4.22 0.01	38.14 -3.45 0.00	32.28 -2.73 0.00	27.63 -2.67 0.00	24.21 -1.85 0.00	22.72 -1.40 0.00	20.19 -0.97 0.00
BARON_WINDS___WT_PWR 323822	19.25 -0.89 0.00	18.04 -0.91 0.00	17.78 -0.92 0.00	16.92 -0.85 0.00	18.26 -0.86 0.00	19.32 -0.74 0.00	29.27 -0.90 0.00	31.64 -1.15 0.00	27.33 -1.26 0.00	24.35 -1.09 0.00	23.39 -0.98 0.00	22.95 -0.98 0.00	23.32 -1.10 0.00	23.94 -1.02 0.00	24.91 -1.23 0.00	28.10 -1.54 0.00	32.34 -1.81 0.00	42.48 -2.91 0.00	39.14 -2.45 0.00	33.02 -1.99 0.00	28.29 -2.00 0.00	24.60 -1.46 0.00	22.94 -1.18 0.00	20.23 -0.93 0.00
BARRETT_IC_1 23704	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.38 3.99 0.00	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT_IC_10 23701	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.36 3.99 0.02	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT_IC_11 23702	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.36 3.99 0.02	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT_IC_12 23703	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.36 3.99 0.02	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT_IC_2 23705	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.38 3.99 0.00	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT_IC_3 23706	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.38 3.99 0.00	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT_IC_4 23707	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.38 3.99 0.00	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00

BARRETT_IC_5 23708	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.38 3.99 0.00	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT_IC_6 23709	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.38 3.99 0.00	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT_IC_7 23710	21.77 1.63 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.59 0.00	31.53 1.36 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.91 2.49 0.00	27.32 2.35 0.00	28.44 2.30 0.00	31.87 2.22 0.00	36.89 2.73 0.00	49.20 3.81 0.00	44.75 3.16 0.00	37.74 2.73 0.00	32.75 2.45 0.00	28.48 2.42 0.00	26.27 2.15 0.00	22.79 1.63 0.00
BARRETT_IC_8 23711	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.38 3.99 0.00	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT_IC_9 23700	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.36 3.99 0.02	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT___1 23545	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.38 3.99 0.00	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BARRETT___2 23546	21.73 1.59 0.00	20.31 1.36 0.00	20.03 1.33 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.65 1.58 0.00	31.53 1.36 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.35 2.42 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.34 2.20 0.00	31.87 2.22 0.00	36.92 2.77 0.00	49.36 3.99 0.02	44.79 3.20 0.00	37.60 2.59 0.00	32.75 2.45 0.00	28.51 2.45 0.00	26.39 2.27 0.00	22.96 1.80 0.00
BATAVIA__115KV_TB1 55881	19.17 -0.97 0.00	17.90 -1.04 0.00	17.67 -1.03 0.00	16.81 -0.96 0.00	18.15 -0.98 0.00	19.26 -0.80 0.00	29.15 -1.03 0.00	31.28 -1.51 0.00	26.99 -1.60 0.00	24.05 -1.40 0.00	23.10 -1.27 0.00	22.64 -1.29 0.00	22.96 -1.47 0.00	23.72 -1.25 0.00	24.49 -1.65 0.00	27.66 -1.99 0.00	31.73 -2.43 0.00	41.30 -4.08 0.00	38.35 -3.24 0.00	32.35 -2.66 0.00	27.81 -2.48 0.00	24.36 -1.69 0.00	22.87 -1.25 0.00	20.29 -0.87 0.00
BAYONEEC___CTG1 323682	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
BAYONEEC___CTG10 323750	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
BAYONEEC___CTG2 323683	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
BAYONEEC___CTG3 323684	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
BAYONEEC___CTG4 323685	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
BAYONEEC___CTG5 323686	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
BAYONEEC___CTG6 323687	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00

BAYONEEC___CTG7 323688	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
BAYONEEC___CTG8 323689	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
BAYONEEC___CTG9 323749	21.43 1.29 0.00	20.12 1.18 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
BEACON___LESR 323632	21.03 0.89 0.00	19.84 0.89 0.00	19.54 0.84 0.00	18.57 0.80 0.00	19.99 0.86 0.00	20.93 0.86 0.00	31.47 1.30 0.00	34.23 1.44 0.00	29.99 1.40 0.00	26.67 1.22 0.00	25.54 1.17 0.00	25.03 1.10 0.00	25.62 1.20 0.00	26.17 1.20 0.00	27.37 1.23 0.00	31.12 1.48 0.00	35.90 1.74 0.00	47.88 2.49 0.00	43.83 2.24 0.00	36.86 1.85 0.00	31.93 1.63 0.00	27.36 1.30 0.00	25.28 1.16 0.00	22.16 0.99 0.00
BEAVER RIVER___HYD 24048	19.17 0.32 1.30	19.29 0.34 0.00	18.96 0.26 0.00	18.03 0.27 0.00	19.45 0.32 0.00	20.51 0.44 0.00	31.23 1.06 0.00	33.96 1.18 0.00	29.25 0.66 0.00	25.80 0.36 0.00	24.56 0.19 0.00	24.03 0.10 0.00	24.52 0.10 0.00	24.94 -0.02 0.00	26.45 0.31 0.00	30.15 0.50 0.00	34.84 0.68 0.00	48.57 1.82 -1.37	39.93 1.58 3.24	37.83 1.33 -1.49	32.71 0.88 -1.53	28.26 0.68 -1.53	26.00 0.34 -1.54	22.90 0.21 -1.53
BEEBEE_GT_13 23619	19.31 -0.83 0.00	18.07 -0.87 0.00	17.84 -0.86 0.00	16.95 -0.82 0.00	18.30 -0.82 0.00	19.32 -0.74 0.00	29.15 -1.03 0.00	31.41 -1.38 0.00	27.19 -1.40 0.00	24.25 -1.20 0.00	23.25 -1.12 0.00	22.85 -1.08 0.00	23.23 -1.20 0.00	23.90 -1.07 0.00	24.78 -1.36 0.00	28.07 -1.57 0.00	32.21 -1.95 0.00	42.25 -3.13 0.00	39.01 -2.58 0.00	32.87 -2.14 0.00	28.29 -2.00 0.00	24.62 -1.43 0.00	23.01 -1.11 0.00	20.38 -0.78 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.65 1.51 0.00	20.29 1.35 0.00	20.03 1.33 0.00	19.01 1.24 0.00	20.48 1.36 0.00	21.49 1.42 0.00	32.31 2.14 0.00	35.24 2.46 0.00	31.19 2.60 0.00	27.89 2.44 0.00	26.73 2.36 0.00	26.35 2.42 0.00	27.01 2.59 0.00	27.59 2.62 0.00	28.89 2.74 -0.01	32.64 2.99 -0.01	37.43 3.28 0.00	49.56 4.18 0.00	45.29 3.70 0.00	38.23 3.22 0.00	33.47 3.18 0.00	28.61 2.55 0.00	26.48 2.36 0.00	22.94 1.78 0.00
BETHLEHEM___GRP 23843	20.74 0.60 0.00	19.53 0.59 0.00	19.30 0.60 0.00	18.34 0.57 0.00	19.74 0.61 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.74 0.95 0.00	29.56 0.97 0.00	26.29 0.84 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.68 1.04 0.00	35.35 1.20 0.00	47.06 1.68 0.00	43.13 1.54 0.00	36.30 1.30 0.00	31.44 1.15 0.00	26.97 0.91 0.00	24.92 0.80 0.00	21.80 0.63 0.00
BETHLEHEM___GS1 323560	20.74 0.60 0.00	19.57 0.62 0.00	19.30 0.60 0.00	18.34 0.57 0.00	19.74 0.61 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.70 0.92 0.00	29.56 0.97 0.00	26.29 0.84 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.68 1.04 0.00	35.38 1.23 0.00	47.07 1.68 0.00	43.13 1.54 0.00	36.27 1.26 0.00	31.44 1.15 0.00	26.97 0.91 0.00	24.94 0.82 0.00	21.88 0.72 0.00
BETHLEHEM___GS2 323561	20.74 0.60 0.00	19.57 0.62 0.00	19.30 0.60 0.00	18.34 0.57 0.00	19.74 0.61 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.70 0.92 0.00	29.56 0.97 0.00	26.29 0.84 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.68 1.04 0.00	35.38 1.23 0.00	47.07 1.68 0.00	43.13 1.54 0.00	36.27 1.26 0.00	31.44 1.15 0.00	26.97 0.91 0.00	24.94 0.82 0.00	21.88 0.72 0.00
BETHLEHEM___GS3 323562	20.74 0.60 0.00	19.57 0.62 0.00	19.30 0.60 0.00	18.34 0.57 0.00	19.74 0.61 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.70 0.92 0.00	29.56 0.97 0.00	26.29 0.84 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.68 1.04 0.00	35.38 1.23 0.00	47.07 1.68 0.00	43.13 1.54 0.00	36.27 1.26 0.00	31.44 1.15 0.00	26.97 0.91 0.00	24.94 0.82 0.00	21.88 0.72 0.00
BETHLEHEM___STEEL 23779	19.07 -1.07 0.00	17.79 -1.16 0.00	17.61 -1.08 0.00	16.74 -1.03 0.00	18.11 -1.01 0.00	19.20 -0.86 0.00	29.03 -1.15 0.00	31.05 -1.74 0.00	26.85 -1.74 0.00	23.95 -1.50 0.00	23.05 -1.32 0.00	22.59 -1.34 0.00	22.88 -1.54 0.00	23.65 -1.32 0.00	24.41 -1.73 0.00	27.45 -2.19 0.00	31.49 -2.66 0.00	40.98 -4.40 0.01	37.97 -3.62 0.00	32.07 -2.94 0.00	27.57 -2.73 0.00	24.16 -1.90 0.00	22.70 -1.42 0.00	20.15 -1.02 0.00
BETHLHEM_115KV_TB1 79974	20.74 0.60 0.00	19.53 0.59 0.00	19.30 0.60 0.00	18.34 0.57 0.00	19.74 0.61 0.00	20.65 0.58 0.00	31.02 0.84 0.00	33.74 0.95 0.00	29.56 0.97 0.00	26.31 0.87 0.00	25.20 0.83 0.00	24.74 0.81 0.00	25.30 0.88 0.00	25.84 0.87 0.00	27.05 0.91 0.00	30.68 1.04 0.00	35.39 1.23 0.00	47.06 1.68 0.00	43.13 1.54 0.00	36.30 1.30 0.00	31.44 1.15 0.00	27.00 0.94 0.00	24.94 0.82 0.00	21.82 0.66 0.00
BETHPAGE_CC_5 323564	21.85 1.71 0.00	20.40 1.46 0.00	20.12 1.42 0.00	19.05 1.28 0.00	20.52 1.40 0.00	21.77 1.70 0.00	31.56 1.39 0.00	34.59 1.80 0.00	30.65 2.06 0.00	27.76 2.32 0.00	26.68 2.32 0.00	26.47 2.54 0.00	26.89 2.47 0.00	27.54 2.57 0.00	28.44 2.30 0.00	31.98 2.34 0.00	37.09 2.94 0.00	49.88 4.49 0.00	45.00 3.41 0.00	37.77 2.77 0.00	32.87 2.57 0.00	28.69 2.63 0.00	26.51 2.39 0.00	23.05 1.88 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.13 -1.01 0.00	17.85 -1.10 0.00	17.67 -1.03 0.00	16.79 -0.98 0.00	18.17 -0.96 0.00	19.26 -0.80 0.00	29.15 -1.03 0.00	31.21 -1.57 0.00	26.96 -1.63 0.00	24.05 -1.40 0.00	23.15 -1.22 0.00	22.71 -1.22 0.00	22.98 -1.44 0.00	23.75 -1.22 0.00	24.55 -1.59 0.00	27.60 -2.05 0.00	31.66 -2.49 0.00	41.20 -4.18 0.01	38.18 -3.41 0.00	32.24 -2.77 0.00	27.69 -2.61 0.00	24.29 -1.77 0.00	22.79 -1.33 0.00	20.23 -0.93 0.00

BINGHAMTON___COGEN 23790	20.08 -0.06 0.00	18.85 -0.09 0.00	18.61 -0.09 0.00	17.68 -0.09 0.00	19.07 -0.06 0.00	20.07 0.00 0.00	30.29 0.12 0.00	32.85 0.07 0.00	28.53 -0.06 0.00	25.40 -0.05 0.00	24.34 -0.02 0.00	23.88 -0.05 0.00	24.30 -0.12 0.00	24.89 -0.07 0.00	25.98 -0.16 0.00	29.43 -0.21 0.00	33.95 -0.20 0.00	44.98 -0.41 0.00	41.34 -0.25 0.00	34.80 -0.21 0.00	29.99 -0.30 0.00	25.90 -0.16 0.00	24.07 -0.05 0.00	21.10 -0.06 0.00
BIXINCNT_115KV_LOAD 355685	18.79 -1.35 0.00	17.56 -1.38 0.00	17.39 -1.31 0.00	16.60 -1.17 0.00	17.98 -1.15 0.00	19.08 -0.98 0.00	28.93 -1.24 0.00	31.11 -1.67 0.00	26.93 -1.66 0.00	24.00 -1.45 0.00	23.10 -1.27 0.00	22.85 -1.08 0.00	22.96 -1.47 0.00	23.72 -1.25 0.00	24.47 -1.67 0.00	27.45 -2.19 0.00	31.63 -2.53 0.00	41.25 -4.13 0.01	38.18 -3.41 0.00	32.21 -2.80 0.00	27.54 -2.76 0.00	24.13 -1.93 0.00	22.60 -1.52 0.00	19.98 -1.19 0.00
BLACK RIVER___HYD 24047	19.62 0.36 0.88	19.30 0.36 0.00	18.96 0.26 0.00	18.05 0.28 0.00	19.47 0.34 0.00	20.53 0.46 0.00	31.26 1.08 0.00	34.00 1.21 0.00	29.25 0.66 0.00	25.78 0.33 0.00	24.56 0.19 0.00	24.00 0.07 0.00	24.50 0.07 0.00	24.92 -0.05 0.00	26.43 0.29 0.00	30.15 0.50 0.00	34.84 0.68 0.00	48.16 1.82 -0.96	40.96 1.58 2.21	37.47 1.36 -1.09	32.29 0.88 -1.12	27.84 0.68 -1.11	25.60 0.36 -1.11	22.47 0.21 -1.10
BLACKRVR_115KV_TB2 79977	19.62 0.36 0.88	19.30 0.36 0.00	18.96 0.26 0.00	18.05 0.28 0.00	19.47 0.34 0.00	20.53 0.46 0.00	31.26 1.09 0.00	33.96 1.18 0.00	29.25 0.66 0.00	25.78 0.33 0.00	24.56 0.19 0.00	24.00 0.07 0.00	24.50 0.07 0.00	24.92 -0.05 0.00	26.40 0.26 0.00	30.15 0.50 0.00	34.84 0.68 0.00	48.16 1.82 -0.96	40.96 1.58 2.21	37.43 1.33 -1.09	32.29 0.88 -1.12	27.84 0.68 -1.11	25.59 0.36 -1.11	22.52 0.25 -1.10
BLISS_WT_PWR 323608	18.65 -1.49 0.00	17.51 -1.44 0.00	17.24 -1.46 0.00	16.45 -1.31 0.00	17.82 -1.30 0.00	18.94 -1.12 0.00	28.72 -1.45 0.00	30.98 -1.80 0.00	26.76 -1.83 0.00	23.87 -1.58 0.00	22.95 -1.41 0.00	22.71 -1.22 0.00	22.86 -1.56 0.00	23.55 -1.42 0.00	24.39 -1.75 0.00	27.30 -2.34 0.00	31.49 -2.66 0.00	41.02 -4.36 0.01	37.93 -3.66 0.00	32.03 -2.98 0.00	27.33 -2.97 0.00	23.92 -2.14 0.00	22.43 -1.69 0.00	19.87 -1.29 0.00
BLUESTONE___WT_PWR 323821	20.99 0.85 0.00	19.76 0.81 0.00	19.43 0.73 0.00	18.50 0.73 0.00	19.95 0.82 0.00	21.03 0.96 0.00	31.86 1.69 0.00	34.59 1.80 0.00	30.05 1.46 0.00	26.67 1.22 0.00	25.51 1.15 0.00	24.96 1.03 0.00	25.47 1.05 0.00	25.97 1.00 0.00	27.39 1.25 0.00	31.18 1.54 0.00	36.00 1.84 0.00	48.11 2.72 0.00	43.96 2.37 0.00	36.97 1.96 0.00	31.81 1.51 0.00	27.39 1.33 0.00	25.23 1.11 0.00	22.07 0.91 0.00
BLUE_CIRC_CHEM_DRP 24182	20.89 0.75 0.00	19.68 0.74 0.00	19.43 0.73 0.00	18.46 0.69 0.00	19.85 0.73 0.00	20.77 0.70 0.00	31.20 1.03 0.00	33.90 1.11 0.00	29.65 1.06 0.00	26.34 0.89 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.25 0.83 0.00	25.82 0.85 0.00	27.05 0.91 0.00	30.77 1.13 0.00	35.49 1.33 0.00	47.25 1.86 0.00	43.29 1.71 0.00	36.44 1.44 0.00	31.57 1.27 0.00	27.10 1.04 0.00	25.04 0.92 0.00	21.92 0.76 0.00
BOC_GAS_DRP 24189	20.70 0.56 0.00	19.50 0.55 0.00	19.26 0.56 0.00	18.30 0.53 0.00	19.68 0.55 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.70 0.92 0.00	29.53 0.94 0.00	26.29 0.84 0.00	25.17 0.80 0.00	24.72 0.79 0.00	25.28 0.85 0.00	25.82 0.85 0.00	27.03 0.89 0.00	30.65 1.01 0.00	35.32 1.16 0.00	46.93 1.54 0.00	43.00 1.41 0.00	36.20 1.19 0.00	31.38 1.09 0.00	26.94 0.89 0.00	24.92 0.80 0.00	21.80 0.63 0.00
BOONVILLE_115KV_TB1 79983	20.62 0.48 0.00	19.40 0.45 0.00	19.11 0.41 0.00	18.18 0.41 0.00	19.58 0.46 0.00	20.61 0.54 0.00	31.20 1.03 0.00	33.96 1.18 0.00	29.45 0.86 0.00	26.08 0.64 0.00	24.93 0.56 0.00	24.39 0.45 0.00	24.89 0.46 0.00	25.39 0.42 0.00	26.82 0.68 0.00	30.47 0.83 0.00	35.18 1.02 0.00	47.72 1.82 -0.52	43.13 1.54 0.00	37.95 1.26 -1.68	32.78 0.94 -1.54	28.25 0.78 -1.41	26.00 0.53 -1.35	22.84 0.42 -1.25
BORALEX_4TH_BRANCH 23824	21.51 1.37 0.00	20.23 1.29 0.00	19.99 1.29 0.00	18.98 1.21 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.22 2.05 0.00	35.08 2.29 0.00	30.76 2.17 0.00	27.41 1.96 0.00	26.24 1.88 0.00	25.77 1.84 0.00	26.33 1.90 0.00	26.92 1.95 0.00	28.15 2.01 0.00	31.89 2.25 0.00	36.82 2.66 0.00	48.88 3.49 0.00	44.83 3.24 0.00	37.74 2.73 0.00	32.69 2.39 0.00	28.06 2.01 0.00	25.93 1.81 0.00	22.69 1.52 0.00
BOWLINE___1 23526	21.19 1.05 0.00	19.91 0.97 0.00	19.65 0.95 0.00	18.66 0.89 0.00	20.12 0.99 0.00	21.13 1.06 0.00	31.71 1.54 0.00	34.62 1.83 0.00	30.48 1.89 0.00	27.23 1.78 0.00	26.10 1.73 0.00	25.65 1.72 0.00	26.23 1.81 0.00	26.79 1.82 0.00	28.00 1.86 0.00	31.66 2.02 0.00	36.55 2.39 0.00	48.61 3.22 0.00	44.46 2.87 0.00	37.46 2.45 0.00	32.50 2.21 0.00	27.91 1.85 0.00	25.78 1.66 0.00	22.56 1.40 0.00
BOWLINE___2 23595	21.19 1.05 0.00	19.91 0.97 0.00	19.65 0.95 0.00	18.66 0.89 0.00	20.12 0.99 0.00	21.13 1.06 0.00	31.71 1.54 0.00	34.62 1.83 0.00	30.48 1.89 0.00	27.23 1.78 0.00	26.10 1.73 0.00	25.65 1.72 0.00	26.23 1.81 0.00	26.79 1.82 0.00	28.00 1.86 0.00	31.66 2.02 0.00	36.55 2.39 0.00	48.61 3.22 0.00	44.46 2.87 0.00	37.46 2.45 0.00	32.50 2.21 0.00	27.91 1.85 0.00	25.78 1.66 0.00	22.56 1.40 0.00
BRADY___115KV_TB2 356060	17.27 1.15 4.02	20.08 1.14 0.00	19.69 0.99 0.00	18.76 0.99 0.00	20.27 1.15 0.00	21.51 1.44 0.00	33.10 2.93 0.00	36.03 3.25 0.00	30.56 1.97 0.00	26.64 1.20 0.00	25.17 0.80 0.00	24.55 0.62 0.00	24.96 0.54 0.00	25.37 0.40 0.00	27.13 0.99 0.00	31.15 1.51 0.00	36.27 2.12 0.00	53.65 4.63 -3.63	35.81 4.28 10.06	41.26 3.64 -2.61	35.90 2.70 -2.91	31.25 2.14 -3.06	28.66 1.37 -3.17	25.40 0.99 -3.24
BRANSCOMB___SOLAR 323811	21.45 1.31 0.00	20.18 1.23 0.00	19.88 1.18 0.00	18.89 1.12 0.00	20.33 1.21 0.00	21.11 1.04 0.00	31.83 1.66 0.00	34.55 1.77 0.00	30.28 1.69 0.00	26.87 1.42 0.00	25.71 1.34 0.00	25.15 1.22 0.00	25.69 1.27 0.00	26.27 1.30 0.00	27.45 1.31 0.00	31.27 1.63 0.00	36.10 1.95 0.00	48.25 2.86 0.00	44.21 2.62 0.00	37.15 2.14 0.00	32.11 1.82 0.00	27.54 1.48 0.00	25.50 1.37 0.00	22.52 1.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.07 1.93 0.00	20.52 1.57 0.00	20.23 1.53 0.00	19.14 1.37 0.00	20.60 1.47 0.00	21.93 1.87 0.00	31.50 1.33 0.00	34.59 1.80 0.00	30.68 2.09 0.00	27.84 2.39 0.00	26.76 2.39 0.00	26.56 2.63 0.00	27.16 2.74 0.00	27.44 2.47 0.00	28.60 2.46 0.00	32.10 2.46 0.00	37.26 3.11 0.00	49.88 4.49 0.00	45.08 3.49 0.00	38.06 3.05 0.00	32.99 2.70 0.00	28.79 2.74 0.00	26.46 2.34 0.00	22.96 1.80 0.00



BRISTLHL_115KV_TB1 79998	19.80 -0.34 0.00	18.59 -0.36 0.00	18.34 -0.36 0.00	17.43 -0.34 0.00	18.76 -0.36 0.00	19.68 -0.38 0.00	29.63 -0.54 0.00	32.06 -0.72 0.00	27.90 -0.69 0.00	24.81 -0.64 0.00	23.76 -0.61 0.00	23.33 -0.60 0.00	23.79 -0.63 0.00	24.35 -0.62 0.00	25.49 -0.65 0.00	28.90 -0.74 0.00	33.30 -0.85 0.00	44.21 -1.18 0.00	40.55 -1.04 0.00	34.10 -0.91 0.00	29.45 -0.85 0.00	25.38 -0.68 0.00	23.54 -0.58 0.00	20.74 -0.42 0.00
BROOKHAVEN___DRP 24191	22.07 1.93 0.00	20.50 1.55 0.00	20.21 1.51 0.00	19.12 1.35 0.00	20.58 1.45 0.00	21.93 1.87 0.00	31.38 1.21 0.00	34.39 1.61 0.00	30.53 1.94 0.00	27.64 2.19 0.00	26.58 2.22 0.00	26.42 2.49 0.00	26.96 2.54 0.00	27.29 2.32 0.00	28.44 2.30 0.00	31.95 2.31 0.00	37.20 3.04 0.00	49.88 4.49 0.00	44.79 3.20 0.00	37.95 2.94 0.00	32.93 2.64 0.00	28.77 2.71 0.00	26.24 2.12 0.00	22.77 1.61 0.00
BROOKLYN_NAVY_YARD 23515	21.41 1.27 0.00	20.10 1.16 0.00	19.84 1.14 0.00	18.83 1.07 0.00	20.29 1.17 0.00	21.31 1.24 0.00	32.01 1.84 0.00	35.01 2.23 0.00	30.96 2.37 0.00	27.69 2.24 0.00	26.51 2.14 0.00	26.13 2.20 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.57 2.43 0.00	32.28 2.64 0.00	37.16 3.01 0.00	49.38 3.99 0.00	45.04 3.45 0.00	37.98 2.97 0.00	33.08 2.79 0.00	28.32 2.27 0.00	26.22 2.10 0.00	22.90 1.74 0.00
BROOKLYN___ARMY_DRP 323595	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
BROOKVLE_69_KV_TB1 55790	21.75 1.61 0.00	20.33 1.38 0.00	20.06 1.37 0.00	19.01 1.24 0.00	20.48 1.36 0.00	21.65 1.59 0.00	31.86 1.69 0.00	34.92 2.13 0.00	30.88 2.29 0.00	27.76 2.32 0.00	26.68 2.31 0.00	26.40 2.46 0.00	26.96 2.54 0.00	27.42 2.45 0.00	28.62 2.48 0.00	32.22 2.58 0.00	37.26 3.11 0.00	49.65 4.27 0.00	45.21 3.62 0.00	38.13 3.12 0.00	33.05 2.76 0.00	28.56 2.50 0.00	26.32 2.19 0.00	22.86 1.69 0.00
BROOME_2_LFGE 323671	20.10 -0.04 0.00	18.87 -0.08 0.00	18.61 -0.09 0.00	17.68 -0.09 0.00	19.07 -0.06 0.00	20.07 0.00 0.00	30.29 0.12 0.00	32.85 0.07 0.00	28.53 -0.06 0.00	25.40 -0.05 0.00	24.34 -0.02 0.00	23.88 -0.05 0.00	24.32 -0.07 0.00	24.89 -0.07 0.00	26.01 -0.13 0.00	29.44 -0.21 0.00	33.95 -0.20 0.00	44.98 -0.41 0.00	41.34 -0.25 0.00	34.80 -0.21 0.00	29.99 -0.30 0.00	25.90 -0.16 0.00	24.07 -0.05 0.00	21.14 -0.02 0.00
BROOME___LFGE 323600	20.10 -0.04 0.00	18.87 -0.08 0.00	18.61 -0.09 0.00	17.68 -0.09 0.00	19.07 -0.06 0.00	20.07 0.00 0.00	30.29 0.12 0.00	32.85 0.07 0.00	28.53 -0.06 0.00	25.40 -0.05 0.00	24.34 -0.02 0.00	23.88 -0.05 0.00	24.32 -0.10 0.00	24.89 -0.07 0.00	26.01 -0.13 0.00	29.44 -0.21 0.00	33.95 -0.20 0.00	44.98 -0.41 0.00	41.34 -0.25 0.00	34.80 -0.21 0.00	29.99 -0.30 0.00	25.90 -0.16 0.00	24.07 -0.05 0.00	21.14 -0.02 0.00
BROWNFLS_115KV_TB_3_5 80003	17.91 0.38 2.62	19.34 0.40 0.00	19.00 0.30 0.00	18.09 0.32 0.00	19.53 0.40 0.00	20.63 0.56 0.00	31.47 1.30 0.00	34.26 1.48 0.00	29.42 0.83 0.00	25.88 0.43 0.00	24.61 0.24 0.00	24.07 0.14 0.00	24.52 0.10 0.00	24.94 -0.02 0.00	26.48 0.34 0.00	30.23 0.59 0.00	35.01 0.85 0.00	50.03 2.18 -2.47	36.96 1.91 6.54	38.65 1.61 -2.03	33.61 1.12 -2.20	29.16 0.83 -2.27	26.88 0.43 -2.33	23.80 0.28 -2.36
BROWNSV1_27_KV_LOAD 356125	21.59 1.45 0.00	20.25 1.31 0.00	20.01 1.31 0.00	18.98 1.21 0.00	20.44 1.32 0.00	21.49 1.42 0.00	32.28 2.11 0.00	35.34 2.56 0.00	31.19 2.60 0.00	27.89 2.44 0.00	26.73 2.36 0.00	26.32 2.39 0.00	26.96 2.54 0.00	27.52 2.55 0.00	28.81 2.67 0.00	32.55 2.90 0.00	37.50 3.35 0.00	49.70 4.31 0.00	45.42 3.83 0.00	38.37 3.36 0.00	33.35 3.06 0.00	28.56 2.50 0.00	26.39 2.27 0.00	22.92 1.76 0.00
BURROWS___LYONSDAL 23803	20.19 0.42 0.38	19.36 0.42 0.00	19.05 0.36 0.00	18.12 0.36 0.00	19.54 0.42 0.00	20.57 0.50 0.00	31.17 1.00 0.00	33.96 1.18 0.00	29.39 0.80 0.00	26.01 0.56 0.00	24.83 0.46 0.00	24.29 0.36 0.00	24.79 0.37 0.00	25.27 0.30 0.00	26.72 0.58 0.00	30.38 0.74 0.00	35.08 0.92 0.00	47.84 1.77 -0.69	42.14 1.50 0.95	37.63 1.26 -1.36	32.50 0.91 -1.30	28.01 0.73 -1.22	25.80 0.48 -1.19	22.66 0.36 -1.14
CAITHNESS_CC_1 323624	21.93 1.79 0.00	20.48 1.53 0.00	20.18 1.48 0.00	19.08 1.31 0.00	20.54 1.42 0.00	21.87 1.81 0.00	31.32 1.15 0.00	34.29 1.51 0.00	30.45 1.86 0.00	27.59 2.14 0.00	26.54 2.17 0.00	26.35 2.42 0.00	26.72 2.29 0.00	27.42 2.45 0.00	28.26 2.12 0.00	31.89 2.25 0.00	37.09 2.94 0.00	50.10 4.72 0.00	44.79 3.20 0.00	37.67 2.66 0.00	32.84 2.54 0.00	28.74 2.68 0.00	26.39 2.27 0.00	22.92 1.76 0.00
CALPINE BETH_PAGE_GT4 24209	21.89 1.75 0.00	20.39 1.44 0.00	20.12 1.42 0.00	19.05 1.28 0.00	20.50 1.38 0.00	21.77 1.71 0.00	31.59 1.42 0.00	34.65 1.87 0.00	30.68 2.09 0.00	27.76 2.32 0.00	26.68 2.31 0.00	26.47 2.54 0.00	27.04 2.61 0.00	27.39 2.42 0.00	28.54 2.40 0.00	31.95 2.31 0.00	37.02 2.87 0.00	49.47 4.08 0.00	44.92 3.33 0.00	37.88 2.87 0.00	32.84 2.54 0.00	28.64 2.58 0.00	26.36 2.24 0.00	22.90 1.74 0.00
CALPINE_BETH_PAGE_GT_4 323586	21.85 1.71 0.00	20.40 1.46 0.00	20.12 1.42 0.00	19.05 1.28 0.00	20.50 1.38 0.00	21.77 1.70 0.00	31.59 1.42 0.00	34.62 1.83 0.00	30.68 2.09 0.00	27.76 2.32 0.00	26.68 2.32 0.00	26.47 2.54 0.00	26.89 2.47 0.00	27.54 2.57 0.00	28.44 2.30 0.00	31.96 2.31 0.00	37.06 2.90 0.00	49.79 4.40 0.00	44.96 3.37 0.00	37.74 2.73 0.00	32.84 2.54 0.00	28.69 2.63 0.00	26.51 2.39 0.00	23.05 1.88 0.00
CALPINE_BP_GT1 23823	21.85 1.71 0.00	20.40 1.46 0.00	20.12 1.42 0.00	19.05 1.28 0.00	20.50 1.38 0.00	21.77 1.70 0.00	31.59 1.42 0.00	34.62 1.83 0.00	30.68 2.09 0.00	27.76 2.32 0.00	26.68 2.32 0.00	26.47 2.54 0.00	26.89 2.47 0.00	27.54 2.57 0.00	28.44 2.30 0.00	31.96 2.31 0.00	37.06 2.90 0.00	49.79 4.40 0.00	44.96 3.37 0.00	37.74 2.73 0.00	32.84 2.54 0.00	28.69 2.63 0.00	26.51 2.39 0.00	23.05 1.88 0.00
CALSPAN___DRP 24200	19.07 -1.07 0.00	17.79 -1.16 0.00	17.61 -1.08 0.00	16.74 -1.03 0.00	18.11 -1.01 0.00	19.20 -0.86 0.00	29.03 -1.15 0.00	31.05 -1.74 0.00	26.85 -1.74 0.00	23.95 -1.50 0.00	23.05 -1.32 0.00	22.59 -1.34 0.00	22.88 -1.54 0.00	23.65 -1.32 0.00	24.41 -1.73 0.00	27.45 -2.19 0.00	31.49 -2.66 0.00	40.98 -4.40 0.01	37.97 -3.62 0.00	32.07 -2.94 0.00	27.57 -2.73 0.00	24.16 -1.90 0.00	22.70 -1.42 0.00	20.15 -1.02 0.00

CALVERTON___SOLAR 323806	22.03 1.89 0.00	20.56 1.61 0.00	20.25 1.55 0.00	19.15 1.39 0.00	20.62 1.49 0.00	21.97 1.91 0.00	31.47 1.30 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.66 2.21 0.00	26.63 2.27 0.00	26.44 2.51 0.00	26.82 2.39 0.00	27.52 2.55 0.00	28.36 2.22 0.00	32.04 2.40 0.00	37.30 3.14 0.00	50.47 5.08 0.00	45.00 3.41 0.00	37.84 2.83 0.00	32.99 2.70 0.00	28.90 2.84 0.00	26.41 2.29 0.00	22.94 1.78 0.00
CANDIGU_WT_PWR 323617	19.25 -0.89 0.00	18.04 -0.91 0.00	17.78 -0.92 0.00	16.92 -0.85 0.00	18.26 -0.86 0.00	19.32 -0.74 0.00	29.27 -0.90 0.00	31.64 -1.15 0.00	27.33 -1.26 0.00	24.35 -1.09 0.00	23.39 -0.98 0.00	22.95 -0.98 0.00	23.32 -1.10 0.00	23.94 -1.02 0.00	24.91 -1.23 0.00	28.10 -1.54 0.00	32.34 -1.81 0.00	42.48 -2.91 0.00	39.14 -2.45 0.00	33.02 -1.99 0.00	28.29 -2.00 0.00	24.60 -1.46 0.00	22.94 -1.18 0.00	20.23 -0.93 0.00
CARR STREET_E_SYR 24060	19.88 -0.26 0.00	18.66 -0.28 0.00	18.40 -0.30 0.00	17.50 -0.27 0.00	18.84 -0.29 0.00	19.78 -0.28 0.00	29.78 -0.39 0.00	32.23 -0.56 0.00	28.05 -0.54 0.00	24.94 -0.51 0.00	23.90 -0.46 0.00	23.47 -0.46 0.00	23.93 -0.49 0.00	24.47 -0.50 0.00	25.62 -0.52 0.00	29.08 -0.56 0.00	33.51 -0.65 0.00	44.43 -0.96 0.00	40.71 -0.88 0.00	34.27 -0.74 0.00	29.57 -0.73 0.00	25.48 -0.57 0.00	23.64 -0.48 0.00	20.76 -0.40 0.00
CARTHAGE___PAPER 23857	19.42 0.32 1.04	19.27 0.32 0.00	18.94 0.24 0.00	18.02 0.25 0.00	19.45 0.32 0.00	20.51 0.44 0.00	31.23 1.06 0.00	34.00 1.21 0.00	29.25 0.66 0.00	25.78 0.33 0.00	24.54 0.17 0.00	24.00 0.07 0.00	24.47 0.05 0.00	24.92 -0.05 0.00	26.40 0.26 0.00	30.11 0.47 0.00	34.80 0.65 0.00	48.32 1.82 -1.12	40.60 1.62 2.61	37.62 1.36 -1.25	32.48 0.91 -1.28	28.00 0.68 -1.27	25.74 0.34 -1.28	22.64 0.21 -1.27
CASSADAGA_WT_PWR 323784	18.71 -1.43 0.00	17.54 -1.40 0.00	17.24 -1.46 0.00	16.42 -1.35 0.00	17.78 -1.34 0.00	18.90 -1.16 0.00	28.72 -1.45 0.00	30.98 -1.80 0.00	26.64 -1.95 0.00	23.74 -1.70 0.00	22.91 -1.46 0.00	22.57 -1.36 0.00	22.76 -1.66 0.00	23.42 -1.55 0.00	24.34 -1.80 0.00	27.30 -2.34 0.00	31.56 -2.60 0.00	41.07 -4.31 0.01	38.01 -3.58 0.00	32.14 -2.87 0.00	27.41 -2.88 0.00	24.00 -2.06 0.00	22.53 -1.59 0.00	19.96 -1.21 0.00
CE_DUNWOOD___DRP 24194	21.31 1.17 0.00	20.01 1.06 0.00	19.77 1.07 0.00	18.76 0.99 0.00	20.21 1.09 0.00	21.23 1.16 0.00	31.86 1.69 0.00	34.82 2.03 0.00	30.68 2.09 0.00	27.41 1.96 0.00	26.27 1.90 0.00	25.84 1.91 0.00	26.45 2.03 0.00	26.99 2.02 0.00	28.23 2.09 0.00	31.92 2.28 0.00	36.82 2.66 0.00	48.88 3.49 0.00	44.71 3.12 0.00	37.71 2.70 0.00	32.72 2.42 0.00	28.06 2.01 0.00	25.93 1.81 0.00	22.56 1.40 0.00
CE_MILLWOOD___DRP 24193	21.27 1.13 0.00	19.99 1.04 0.00	19.73 1.03 0.00	18.75 0.98 0.00	20.19 1.07 0.00	21.19 1.12 0.00	31.80 1.63 0.00	34.75 1.97 0.00	30.62 2.03 0.00	27.33 1.88 0.00	26.19 1.83 0.00	25.77 1.84 0.00	26.38 1.95 0.00	26.92 1.95 0.00	28.15 2.01 0.00	31.84 2.19 0.00	36.72 2.56 0.00	48.74 3.36 0.00	44.62 3.04 0.00	37.64 2.63 0.00	32.66 2.36 0.00	28.01 1.95 0.00	25.88 1.76 0.00	22.52 1.35 0.00
CE_NYC2_DRP 24202	21.53 1.39 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.11 2.33 0.00	31.02 2.43 0.00	27.76 2.32 0.00	26.61 2.24 0.00	26.20 2.27 0.00	26.84 2.42 0.00	27.42 2.45 0.00	28.68 2.54 -0.01	32.41 2.76 -0.01	37.23 3.07 0.00	49.29 3.90 0.00	45.00 3.41 0.00	38.02 3.01 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.27 2.15 0.00	22.81 1.65 0.00
CE_NYC_DRP 24195	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.08 2.29 0.00	30.96 2.37 0.00	27.69 2.24 0.00	26.54 2.17 0.00	26.13 2.20 0.00	26.77 2.34 0.00	27.32 2.35 0.00	28.57 2.43 0.00	32.28 2.64 0.00	37.20 3.04 0.00	49.29 3.90 0.00	45.04 3.45 0.00	38.06 3.05 0.00	33.11 2.82 0.00	28.35 2.29 0.00	26.20 2.07 0.00	22.77 1.61 0.00
CHAFFEE___LFGE 323603	19.21 -0.93 0.00	18.00 -0.95 0.00	17.69 -1.01 0.00	16.83 -0.94 0.00	18.19 -0.94 0.00	19.28 -0.78 0.00	29.21 -0.97 0.00	31.38 -1.41 0.00	27.05 -1.54 0.00	24.10 -1.35 0.00	23.20 -1.17 0.00	22.85 -1.08 0.00	23.08 -1.34 0.00	23.75 -1.22 0.00	24.62 -1.52 0.00	27.66 -1.99 0.00	31.80 -2.36 0.00	41.34 -4.04 0.01	38.30 -3.29 0.00	32.42 -2.59 0.00	27.75 -2.54 0.00	24.31 -1.75 0.00	22.82 -1.30 0.00	20.27 -0.89 0.00
CHATEAUG_35_KV_LOAD 355732	10.62 -0.73 8.80	18.24 -0.70 0.01	18.02 -0.67 0.01	17.14 -0.62 0.01	18.49 -0.63 0.00	19.46 -0.60 0.00	29.33 -0.84 0.00	32.00 -0.79 0.00	27.61 -0.97 0.01	24.47 -0.97 0.01	23.36 -1.00 0.01	23.04 -0.89 0.00	23.47 -0.95 0.00	23.95 -1.02 0.00	25.20 -0.94 0.00	28.57 -1.07 0.00	32.95 -1.20 0.01	37.81 -1.36 6.22	18.31 -1.29 21.99	-6.25 -1.09 40.18	-6.47 -1.00 35.77	-6.54 -0.91 31.69	-6.68 -0.96 29.84	-6.72 -0.89 26.99
CHATEAUG_WT_PWR 323614	9.98 -0.87 9.30	18.12 -0.81 0.01	17.92 -0.77 0.01	17.05 -0.71 0.01	18.42 -0.71 0.00	19.36 -0.70 0.00	29.09 -1.08 0.00	31.77 -1.02 0.00	27.44 -1.14 0.01	24.32 -1.12 0.01	23.19 -1.17 0.01	22.95 -0.98 0.00	23.35 -1.07 0.00	23.85 -1.12 0.00	25.07 -1.07 0.00	28.43 -1.22 0.00	32.75 -1.40 0.01	37.86 -1.72 5.80	16.72 -1.62 23.24	-6.36 -1.40 39.97	-6.47 -1.24 35.52	-6.47 -1.12 31.41	-6.58 -1.16 29.54	-6.57 -1.06 26.68
CHAT_HIGH_FALL_HYD 323578	10.62 -0.73 8.80	18.24 -0.70 0.01	18.02 -0.67 0.01	17.14 -0.62 0.01	18.49 -0.63 0.00	19.46 -0.60 0.00	29.33 -0.84 0.00	32.00 -0.79 0.00	27.61 -0.97 0.01	24.47 -0.97 0.01	23.36 -1.00 0.01	23.04 -0.89 0.00	23.47 -0.95 0.00	23.95 -1.02 0.00	25.20 -0.94 0.00	28.57 -1.07 0.00	32.95 -1.20 0.01	37.81 -1.36 6.22	18.31 -1.29 21.99	-6.25 -1.09 40.18	-6.47 -1.00 35.77	-6.54 -0.91 31.69	-6.68 -0.96 29.84	-6.72 -0.89 26.99
CHAUTAUQUA___LFGE 323629	19.05 -1.09 0.00	17.87 -1.08 0.00	17.54 -1.16 0.00	16.68 -1.08 0.00	18.07 -1.05 0.00	19.18 -0.88 0.00	29.09 -1.08 0.00	31.31 -1.47 0.00	26.96 -1.63 0.00	24.02 -1.42 0.00	23.15 -1.22 0.00	22.73 -1.20 0.00	23.00 -1.42 0.00	23.67 -1.30 0.00	24.57 -1.57 0.00	27.54 -2.10 0.00	31.76 -2.39 0.00	41.34 -4.04 0.01	38.30 -3.29 0.00	32.38 -2.63 0.00	27.69 -2.61 0.00	24.26 -1.80 0.00	22.75 -1.37 0.00	20.19 -0.97 0.00
CHERRYST_13_KV_LD 356241	21.49 1.35 0.00	20.16 1.21 0.00	19.91 1.22 0.00	18.90 1.14 0.00	20.37 1.24 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.18 2.39 0.00	31.05 2.46 0.00	27.76 2.32 0.00	26.61 2.24 0.00	26.23 2.30 0.00	26.84 2.42 0.00	27.42 2.45 0.00	28.68 2.54 0.00	32.40 2.76 0.00	37.33 3.18 0.00	49.47 4.08 0.00	45.17 3.58 0.00	38.13 3.12 0.00	33.17 2.88 0.00	28.40 2.35 0.00	26.24 2.12 0.00	22.81 1.65 0.00

CHESTROR_138KV_BK263 355645	21.05 0.91 0.00	19.78 0.83 0.00	19.52 0.82 0.00	18.53 0.76 0.00	19.98 0.86 0.00	20.99 0.92 0.00	31.53 1.36 0.00	34.39 1.61 0.00	30.22 1.63 0.00	26.95 1.50 0.00	25.83 1.46 0.00	25.37 1.44 0.00	25.94 1.51 0.00	26.49 1.52 0.00	27.68 1.54 0.00	31.33 1.69 0.00	36.20 2.05 0.00	48.11 2.72 0.00	44.08 2.50 0.00	37.15 2.14 0.00	32.17 1.88 0.00	27.62 1.56 0.00	25.52 1.40 0.00	22.22 1.06 0.00
CH_MIDHUDSON___DRP 24192	21.23 1.09 0.00	19.95 1.00 0.00	19.71 1.01 0.00	18.73 0.96 0.00	20.16 1.03 0.00	21.15 1.08 0.00	31.77 1.60 0.00	34.65 1.87 0.00	30.50 1.92 0.00	27.20 1.76 0.00	26.05 1.68 0.00	25.58 1.65 0.00	26.18 1.76 0.00	26.72 1.75 0.00	27.97 1.83 0.00	31.69 2.05 0.00	36.58 2.43 0.00	48.56 3.18 0.00	44.50 2.91 0.00	37.46 2.45 0.00	32.47 2.18 0.00	27.86 1.80 0.00	25.74 1.62 0.00	22.41 1.25 0.00
CH_MISC_IPPS 23765	21.29 1.15 0.00	20.01 1.06 0.00	19.76 1.07 0.00	18.76 0.99 0.00	20.23 1.11 0.00	21.23 1.16 0.00	31.89 1.72 0.00	34.78 2.00 0.00	30.62 2.03 0.00	27.28 1.83 0.00	26.12 1.76 0.00	25.63 1.70 0.00	26.23 1.81 0.00	26.77 1.80 0.00	28.02 1.88 0.00	31.78 2.14 0.00	36.72 2.56 0.00	48.88 3.49 0.00	44.67 3.08 0.00	37.56 2.55 0.00	32.59 2.30 0.00	27.96 1.90 0.00	25.83 1.71 0.00	22.58 1.42 0.00
CH_RES_BVR_FALLS 23983	5.11 -0.60 14.43	18.37 -0.57 0.01	18.13 -0.56 0.01	17.22 -0.53 0.01	18.57 -0.56 0.00	19.50 -0.56 0.00	29.36 -0.81 0.00	31.93 -0.85 0.00	27.78 -0.80 0.01	24.72 -0.71 0.01	23.70 -0.66 0.01	23.33 -0.60 0.00	23.81 -0.61 0.00	24.35 -0.62 0.00	25.54 -0.60 0.00	28.96 -0.68 0.00	33.29 -0.85 0.01	44.01 -1.18 0.20	4.35 -1.16 36.08	0.52 -0.98 33.51	0.48 -0.88 28.93	0.42 -0.76 24.89	0.41 -0.72 22.99	0.34 -0.61 20.21
CH_RES_NIAGARA 23895	18.53 -1.61 0.00	17.26 -1.69 0.00	17.09 -1.61 0.00	16.24 -1.53 0.00	17.56 -1.57 0.00	18.58 -1.48 0.00	27.94 -2.23 0.00	29.70 -3.08 0.00	25.73 -2.86 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	21.96 -2.47 0.00	22.70 -2.27 0.00	23.45 -2.69 0.00	26.35 -3.29 0.00	30.13 -4.03 0.00	39.03 -6.35 0.01	36.27 -5.32 0.00	30.67 -4.34 0.00	26.45 -3.85 0.00	23.24 -2.81 0.00	21.85 -2.27 0.00	19.53 -1.63 0.00
CH_RES_SYRACUSE 23985	19.98 -0.16 0.00	18.76 -0.19 0.00	18.49 -0.21 0.00	17.59 -0.18 0.00	18.93 -0.19 0.00	19.88 -0.18 0.00	29.93 -0.24 0.00	32.46 -0.33 0.00	28.19 -0.40 0.00	25.07 -0.38 0.00	24.03 -0.34 0.00	23.60 -0.34 0.00	24.06 -0.37 0.00	24.60 -0.37 0.00	25.75 -0.39 0.00	29.23 -0.42 0.00	33.68 -0.48 0.00	44.71 -0.68 0.00	40.97 -0.62 0.00	34.45 -0.56 0.00	29.75 -0.54 0.00	25.61 -0.44 0.00	23.76 -0.36 0.00	20.87 -0.30 0.00
CLINTON_WT_PWR 323605	9.98 -0.87 9.30	18.12 -0.81 0.01	17.92 -0.77 0.01	17.05 -0.71 0.01	18.42 -0.71 0.00	19.36 -0.70 0.00	29.09 -1.08 0.00	31.77 -1.02 0.00	27.44 -1.14 0.01	24.32 -1.12 0.01	23.19 -1.17 0.01	22.95 -0.98 0.00	23.35 -1.07 0.00	23.85 -1.12 0.00	25.07 -1.07 0.00	28.43 -1.22 0.00	32.75 -1.40 0.01	37.86 -1.72 5.80	16.72 -1.62 23.24	-6.36 -1.40 39.97	-6.47 -1.24 35.52	-6.47 -1.12 31.41	-6.58 -1.16 29.54	-6.57 -1.06 26.68
CLINTON___LFGE 323618	10.27 -0.74 9.13	18.20 -0.74 0.01	18.00 -0.69 0.01	17.10 -0.66 0.01	18.47 -0.65 0.00	19.48 -0.58 0.00	29.24 -0.94 0.00	31.97 -0.82 0.00	27.55 -1.03 0.01	24.37 -1.07 0.01	23.19 -1.17 0.01	22.97 -0.96 0.00	23.32 -1.10 0.00	23.82 -1.15 0.00	25.07 -1.07 0.00	28.43 -1.22 0.00	32.82 -1.33 0.01	37.86 -1.59 5.94	17.52 -1.25 22.82	-6.01 -0.98 40.04	-6.21 -0.91 35.60	-6.30 -0.86 31.50	-6.44 -0.92 29.64	-6.49 -0.87 26.78
COBBLENY_34_KV_TB1 80064	19.17 -0.97 0.00	17.87 -1.08 0.00	17.69 -1.01 0.00	16.83 -0.94 0.00	18.19 -0.94 0.00	19.28 -0.78 0.00	29.21 -0.97 0.00	31.28 -1.51 0.00	27.05 -1.54 0.00	24.10 -1.35 0.00	23.20 -1.17 0.00	22.85 -1.08 0.00	23.03 -1.39 0.00	23.80 -1.17 0.00	24.60 -1.54 0.00	27.66 -1.99 0.00	31.73 -2.43 0.00	41.30 -4.08 0.01	38.30 -3.29 0.00	32.31 -2.70 0.00	27.75 -2.54 0.00	24.34 -1.72 0.00	22.82 -1.30 0.00	20.25 -0.91 0.00
COFFEEN___115KV_TB3 355620	19.77 0.48 0.85	19.42 0.47 0.00	19.07 0.37 0.00	18.16 0.39 0.00	19.58 0.46 0.00	20.65 0.58 0.00	31.50 1.33 0.00	34.19 1.41 0.00	29.42 0.83 0.00	25.91 0.46 0.00	24.66 0.29 0.00	24.10 0.17 0.00	24.57 0.15 0.00	25.02 0.05 0.00	26.53 0.39 0.00	30.32 0.68 0.00	35.08 0.92 0.00	48.54 2.22 -0.93	41.41 1.95 2.14	37.72 1.65 -1.07	32.50 1.12 -1.09	28.02 0.89 -1.08	25.71 0.51 -1.08	22.61 0.38 -1.07
COLDSPRG_115KV_BK1 355956	19.38 -0.77 0.00	18.09 -0.85 0.00	17.88 -0.82 0.00	17.02 -0.75 0.00	18.45 -0.67 0.00	19.62 -0.44 0.00	29.87 -0.30 0.00	32.23 -0.56 0.00	27.76 -0.83 0.00	24.68 -0.76 0.00	23.81 -0.56 0.00	23.57 -0.36 0.00	23.59 -0.83 0.00	24.37 -0.60 0.00	25.15 -0.99 0.00	28.22 -1.42 0.00	32.58 -1.57 0.00	42.57 -2.81 0.01	39.47 -2.12 0.00	33.29 -1.72 0.00	28.45 -1.85 0.00	24.91 -1.15 0.00	23.35 -0.77 0.00	20.55 -0.61 0.00
COLONIE_LFGE___ 323577	21.17 1.03 0.00	19.93 0.98 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.10 0.97 0.00	21.03 0.96 0.00	31.62 1.45 0.00	34.39 1.61 0.00	30.16 1.57 0.00	26.82 1.37 0.00	25.68 1.31 0.00	25.20 1.27 0.00	25.74 1.32 0.00	26.32 1.35 0.00	27.52 1.38 0.00	31.24 1.60 0.00	36.03 1.88 0.00	47.97 2.59 0.00	43.96 2.37 0.00	37.00 1.99 0.00	32.02 1.73 0.00	27.49 1.43 0.00	25.42 1.30 0.00	22.33 1.16 0.00
COOPERNY_115KV_TB1 80082	20.89 0.75 0.00	19.65 0.70 0.00	19.37 0.67 0.00	18.41 0.64 0.00	19.83 0.71 0.00	20.83 0.76 0.00	31.29 1.12 0.00	34.13 1.34 0.00	29.93 1.34 0.00	26.70 1.25 0.00	25.56 1.19 0.00	25.10 1.17 0.00	25.67 1.25 0.00	26.22 1.25 0.00	27.42 1.28 0.00	31.04 1.39 0.00	35.83 1.67 0.00	47.65 2.27 0.00	43.63 2.04 0.00	36.76 1.75 0.00	31.84 1.54 0.00	27.36 1.30 0.00	25.28 1.16 0.00	22.03 0.87 0.00
COPENHAGEN_WT_PWR 323753	19.62 0.28 0.80	19.23 0.28 0.00	18.90 0.21 0.00	17.98 0.21 0.00	19.39 0.27 0.00	20.43 0.36 0.00	31.11 0.94 0.00	33.80 1.02 0.00	29.13 0.54 0.00	25.68 0.23 0.00	24.46 0.10 0.00	23.93 0.00 0.00	24.42 0.00 0.00	24.87 -0.10 0.00	26.32 0.18 0.00	30.03 0.38 0.00	34.67 0.51 0.00	47.76 1.50 -0.88	40.91 1.33 2.01	37.15 1.12 -1.02	32.03 0.70 -1.04	27.63 0.55 -1.03	25.42 0.27 -1.03	22.33 0.15 -1.02
CORNELL_____ 23752	20.28 0.14 0.00	19.02 0.08 0.00	18.76 0.06 0.00	17.84 0.07 0.00	19.22 0.10 0.00	20.25 0.18 0.00	30.62 0.45 0.00	33.21 0.43 0.00	28.79 0.20 0.00	25.55 0.10 0.00	24.44 0.07 0.00	23.98 0.05 0.00	24.42 0.00 0.00	24.99 0.02 0.00	26.19 0.05 0.00	29.76 0.12 0.00	34.33 0.17 0.00	45.66 0.27 0.00	41.88 0.29 0.00	35.22 0.21 0.00	30.32 0.03 0.00	26.16 0.10 0.00	24.27 0.14 0.00	21.27 0.11 0.00

CORONA_69_KV_TB1 355595	21.83 1.69 0.00	20.37 1.42 0.00	20.10 1.40 0.00	19.03 1.26 0.00	20.50 1.38 0.00	21.71 1.65 0.00	31.74 1.57 0.00	34.75 1.97 0.00	30.79 2.20 0.00	27.79 2.34 0.00	26.71 2.34 0.00	26.44 2.51 0.00	27.04 2.61 0.00	27.44 2.47 0.00	28.60 2.46 0.00	32.13 2.49 0.00	37.20 3.04 0.00	49.65 4.27 0.00	45.12 3.54 0.00	38.06 3.05 0.00	32.99 2.70 0.00	28.64 2.58 0.00	26.36 2.24 0.00	22.90 1.74 0.00
CORTLAND_115KV_TB3 80093	20.20 0.06 0.00	18.96 0.02 0.00	18.72 0.02 0.00	17.79 0.02 0.00	19.16 0.04 0.00	20.17 0.10 0.00	30.44 0.27 0.00	33.05 0.26 0.00	28.70 0.11 0.00	25.50 0.05 0.00	24.42 0.05 0.00	23.95 0.02 0.00	24.40 -0.02 0.00	24.97 0.00 0.00	26.17 0.03 0.00	29.64 0.00 0.00	34.19 0.03 0.00	45.43 0.05 0.00	41.67 0.08 0.00	35.04 0.04 0.00	30.23 -0.06 0.00	26.06 0.00 0.00	24.17 0.05 0.00	21.20 0.04 0.00
COXSACKIE___GT 23611	21.41 1.27 0.00	20.22 1.27 0.00	19.90 1.20 0.00	18.89 1.12 0.00	20.39 1.26 0.00	21.33 1.26 0.00	32.19 2.02 0.00	34.91 2.13 0.00	30.45 1.86 0.00	26.77 1.32 0.00	25.46 1.10 0.00	24.82 0.89 0.00	25.45 1.03 0.00	25.97 1.00 0.00	27.32 1.18 0.00	31.21 1.57 0.00	36.31 2.15 0.00	48.65 3.27 0.00	44.62 3.03 0.00	37.42 2.41 0.00	32.32 2.03 0.00	27.65 1.59 0.00	25.47 1.35 0.00	22.33 1.16 0.00
CPV_VALLEY___CC1 323721	20.93 0.78 0.00	19.68 0.74 0.00	19.43 0.73 0.00	18.44 0.68 0.00	19.87 0.75 0.00	20.89 0.82 0.00	31.35 1.18 0.00	34.19 1.41 0.00	30.05 1.46 0.00	26.80 1.35 0.00	25.68 1.31 0.00	25.25 1.32 0.00	25.79 1.37 0.00	26.34 1.37 0.00	27.52 1.38 0.00	31.15 1.51 0.00	35.96 1.81 0.00	47.88 2.49 0.00	43.79 2.20 0.00	36.86 1.85 0.00	31.96 1.67 0.00	27.46 1.41 0.00	25.40 1.28 0.00	22.22 1.06 0.00
CPV_VALLEY___CC2 323722	20.93 0.78 0.00	19.68 0.74 0.00	19.43 0.73 0.00	18.44 0.68 0.00	19.87 0.75 0.00	20.89 0.82 0.00	31.35 1.18 0.00	34.19 1.41 0.00	30.05 1.46 0.00	26.80 1.35 0.00	25.68 1.31 0.00	25.25 1.32 0.00	25.79 1.37 0.00	26.34 1.37 0.00	27.52 1.38 0.00	31.15 1.51 0.00	35.96 1.81 0.00	47.88 2.49 0.00	43.79 2.20 0.00	36.86 1.85 0.00	31.96 1.67 0.00	27.46 1.41 0.00	25.40 1.28 0.00	22.22 1.06 0.00
CRESCENT___HYD 24018	21.17 1.03 0.00	19.93 0.98 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.10 0.97 0.00	21.03 0.96 0.00	31.62 1.45 0.00	34.39 1.61 0.00	30.16 1.57 0.00	26.82 1.37 0.00	25.68 1.31 0.00	25.20 1.27 0.00	25.74 1.32 0.00	26.32 1.35 0.00	27.52 1.38 0.00	31.24 1.60 0.00	36.03 1.88 0.00	47.97 2.59 0.00	43.96 2.37 0.00	37.00 1.99 0.00	32.02 1.73 0.00	27.49 1.43 0.00	25.42 1.30 0.00	22.33 1.16 0.00
CRICKET___VALLEY_CC1 323756	21.13 0.99 0.00	19.89 0.95 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.12 0.99 0.00	21.05 0.98 0.00	31.62 1.45 0.00	34.49 1.70 0.00	30.33 1.74 0.00	27.08 1.63 0.00	25.95 1.58 0.00	25.51 1.58 0.00	26.08 1.66 0.00	26.67 1.70 0.00	27.86 1.72 0.00	31.54 1.90 0.00	36.41 2.25 0.00	48.38 2.99 0.00	44.25 2.66 0.00	37.25 2.24 0.00	32.35 2.06 0.00	27.75 1.69 0.00	25.67 1.55 0.00	22.48 1.31 0.00
CRICKET___VALLEY_CC2 323757	21.13 0.99 0.00	19.89 0.95 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.12 0.99 0.00	21.05 0.98 0.00	31.62 1.45 0.00	34.49 1.70 0.00	30.33 1.74 0.00	27.08 1.63 0.00	25.95 1.58 0.00	25.51 1.58 0.00	26.08 1.66 0.00	26.67 1.70 0.00	27.86 1.72 0.00	31.54 1.90 0.00	36.41 2.25 0.00	48.38 2.99 0.00	44.25 2.66 0.00	37.25 2.24 0.00	32.35 2.06 0.00	27.75 1.69 0.00	25.67 1.55 0.00	22.48 1.31 0.00
CRICKET___VALLEY_CC3 323758	21.13 0.99 0.00	19.89 0.95 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.12 0.99 0.00	21.05 0.98 0.00	31.62 1.45 0.00	34.49 1.70 0.00	30.33 1.74 0.00	27.08 1.63 0.00	25.95 1.58 0.00	25.51 1.58 0.00	26.08 1.66 0.00	26.67 1.70 0.00	27.86 1.72 0.00	31.54 1.90 0.00	36.41 2.25 0.00	48.38 2.99 0.00	44.25 2.66 0.00	37.25 2.24 0.00	32.35 2.06 0.00	27.75 1.69 0.00	25.67 1.55 0.00	22.48 1.31 0.00
CRUCIBLE_METL_DRP 24180	19.98 -0.16 0.00	18.74 -0.21 0.00	18.49 -0.21 0.00	17.59 -0.18 0.00	18.93 -0.19 0.00	19.88 -0.18 0.00	29.93 -0.24 0.00	32.42 -0.36 0.00	28.19 -0.40 0.00	25.07 -0.38 0.00	24.03 -0.34 0.00	23.60 -0.34 0.00	24.06 -0.37 0.00	24.62 -0.35 0.00	25.75 -0.39 0.00	29.23 -0.41 0.00	33.68 -0.48 0.00	44.70 -0.68 0.00	40.97 -0.62 0.00	34.45 -0.56 0.00	29.75 -0.55 0.00	25.64 -0.42 0.00	23.78 -0.34 0.00	20.93 -0.23 0.00
DAHOWA___HYDRO 323763	21.55 1.41 0.00	20.27 1.33 0.00	19.97 1.27 0.00	18.98 1.21 0.00	20.42 1.30 0.00	21.15 1.08 0.00	31.92 1.75 0.00	34.62 1.83 0.00	30.33 1.74 0.00	26.92 1.48 0.00	25.76 1.39 0.00	25.20 1.27 0.00	25.74 1.32 0.00	26.32 1.35 0.00	27.47 1.33 0.00	31.30 1.66 0.00	36.17 2.01 0.00	48.33 2.95 0.00	44.29 2.70 0.00	37.22 2.21 0.00	32.17 1.88 0.00	27.59 1.54 0.00	25.52 1.40 0.00	22.60 1.44 0.00
DANC___LFGE 323619	19.65 0.04 0.53	18.98 0.04 0.00	18.68 -0.02 0.00	17.77 0.00 0.00	19.14 0.02 0.00	20.13 0.06 0.00	30.50 0.33 0.00	33.11 0.33 0.00	28.62 0.03 0.00	25.32 -0.13 0.00	24.20 -0.17 0.00	23.69 -0.24 0.00	24.15 -0.27 0.00	24.64 -0.33 0.00	25.98 -0.16 0.00	29.58 -0.06 0.00	34.09 -0.07 0.00	46.40 0.41 -0.60	40.64 0.37 1.32	36.08 0.31 -0.75	31.11 0.06 -0.76	26.83 0.03 -0.74	24.79 -0.07 -0.74	21.79 -0.11 -0.73
DANSKAMMER___1 23586	21.29 1.15 0.00	20.01 1.06 0.00	19.76 1.07 0.00	18.76 0.99 0.00	20.23 1.11 0.00	21.23 1.16 0.00	31.89 1.72 0.00	34.78 2.00 0.00	30.62 2.03 0.00	27.28 1.83 0.00	26.12 1.76 0.00	25.63 1.70 0.00	26.23 1.81 0.00	26.77 1.80 0.00	28.02 1.88 0.00	31.78 2.14 0.00	36.72 2.56 0.00	48.88 3.49 0.00	44.67 3.08 0.00	37.56 2.55 0.00	32.59 2.30 0.00	27.96 1.90 0.00	25.83 1.71 0.00	22.58 1.42 0.00
DANSKAMMER___2 23589	21.29 1.15 0.00	20.01 1.06 0.00	19.76 1.07 0.00	18.76 0.99 0.00	20.23 1.11 0.00	21.23 1.16 0.00	31.89 1.72 0.00	34.78 2.00 0.00	30.62 2.03 0.00	27.28 1.83 0.00	26.12 1.76 0.00	25.63 1.70 0.00	26.23 1.81 0.00	26.77 1.80 0.00	28.02 1.88 0.00	31.78 2.14 0.00	36.72 2.56 0.00	48.88 3.49 0.00	44.67 3.08 0.00	37.56 2.55 0.00	32.59 2.30 0.00	27.96 1.90 0.00	25.83 1.71 0.00	22.58 1.42 0.00
DANSKAMMER___3 23590	21.29 1.15 0.00	20.01 1.06 0.00	19.76 1.07 0.00	18.76 0.99 0.00	20.23 1.11 0.00	21.23 1.16 0.00	31.89 1.72 0.00	34.78 2.00 0.00	30.62 2.03 0.00	27.28 1.83 0.00	26.12 1.76 0.00	25.63 1.70 0.00	26.23 1.81 0.00	26.77 1.80 0.00	28.02 1.88 0.00	31.78 2.14 0.00	36.72 2.56 0.00	48.88 3.49 0.00	44.67 3.08 0.00	37.56 2.55 0.00	32.59 2.30 0.00	27.96 1.90 0.00	25.83 1.71 0.00	22.58 1.42 0.00

DANSKAMMER___4 23591	21.29 1.15 0.00	20.01 1.06 0.00	19.76 1.07 0.00	18.76 0.99 0.00	20.23 1.11 0.00	21.23 1.16 0.00	31.89 1.72 0.00	34.78 2.00 0.00	30.62 2.03 0.00	27.28 1.83 0.00	26.12 1.76 0.00	25.63 1.70 0.00	26.23 1.81 0.00	26.77 1.80 0.00	28.02 1.88 0.00	31.78 2.14 0.00	36.72 2.56 0.00	48.88 3.49 0.00	44.67 3.08 0.00	37.56 2.55 0.00	32.59 2.30 0.00	27.96 1.90 0.00	25.83 1.71 0.00	22.58 1.42 0.00
DANSKAMMER___DIESEL 23592	21.29 1.15 0.00	20.01 1.06 0.00	19.77 1.07 0.00	18.76 0.99 0.00	20.23 1.11 0.00	21.23 1.16 0.00	31.89 1.72 0.00	34.78 2.00 0.00	30.62 2.03 0.00	27.28 1.83 0.00	26.12 1.75 0.00	25.63 1.70 0.00	26.25 1.83 0.00	26.77 1.80 0.00	28.05 1.91 0.00	31.78 2.13 0.00	36.72 2.56 0.00	48.79 3.40 0.00	44.67 3.08 0.00	37.60 2.59 0.00	32.60 2.30 0.00	27.96 1.90 0.00	25.79 1.66 0.00	22.45 1.29 0.00
DARBY___SOLAR 323810	21.45 1.31 0.00	20.20 1.25 0.00	19.90 1.20 0.00	18.91 1.14 0.00	20.35 1.23 0.00	21.11 1.04 0.00	31.83 1.66 0.00	34.55 1.77 0.00	30.28 1.69 0.00	26.87 1.42 0.00	25.71 1.34 0.00	25.17 1.24 0.00	25.72 1.29 0.00	26.29 1.32 0.00	27.47 1.33 0.00	31.27 1.63 0.00	36.10 1.95 0.00	48.20 2.81 0.00	44.17 2.58 0.00	37.15 2.14 0.00	32.11 1.82 0.00	27.54 1.48 0.00	25.47 1.35 0.00	22.52 1.36 0.00
DASHVILLE___HYD 23610	20.91 0.77 0.00	19.67 0.72 0.00	19.43 0.73 0.00	18.44 0.68 0.00	19.87 0.75 0.00	20.87 0.80 0.00	31.32 1.15 0.00	34.16 1.38 0.00	30.05 1.46 0.00	26.77 1.32 0.00	25.63 1.27 0.00	25.15 1.22 0.00	25.77 1.34 0.00	26.27 1.30 0.00	27.53 1.39 0.00	31.15 1.51 0.00	36.03 1.88 0.00	47.84 2.45 0.00	43.79 2.20 0.00	36.87 1.86 0.00	31.96 1.67 0.00	27.44 1.38 0.00	25.33 1.21 0.00	22.07 0.91 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.24 2.09 0.00	20.61 1.67 0.00	20.33 1.63 0.00	19.21 1.44 0.00	20.69 1.57 0.00	22.05 1.99 0.00	31.53 1.36 0.00	34.59 1.80 0.00	30.71 2.12 0.00	27.69 2.24 0.00	26.68 2.31 0.00	26.54 2.61 0.00	27.06 2.64 0.00	27.39 2.42 0.00	28.57 2.43 0.00	32.13 2.49 0.00	37.43 3.28 0.00	50.33 4.95 0.00	44.96 3.37 0.00	38.09 3.08 0.00	32.99 2.70 0.00	28.85 2.79 0.00	26.17 2.05 0.00	22.75 1.59 0.00
DELAWARE___LFGE 323621	20.70 0.56 0.00	19.50 0.55 0.00	19.22 0.52 0.00	18.27 0.50 0.00	19.66 0.54 0.00	20.67 0.60 0.00	31.17 1.00 0.00	33.87 1.08 0.00	29.56 0.97 0.00	26.31 0.87 0.00	25.17 0.80 0.00	24.67 0.74 0.00	25.18 0.76 0.00	25.72 0.75 0.00	27.00 0.86 0.00	30.65 1.01 0.00	35.32 1.16 0.00	47.02 1.63 0.00	43.04 1.46 0.00	36.23 1.23 0.00	31.29 1.00 0.00	26.94 0.89 0.00	24.89 0.77 0.00	21.76 0.59 0.00
DERFIELD_115KV_TB7 355931	20.80 0.12 -0.54	19.06 0.11 0.00	18.81 0.11 0.00	17.87 0.11 0.00	19.24 0.11 0.00	20.19 0.12 0.00	30.35 0.18 0.00	32.95 0.16 0.00	28.76 0.17 0.00	25.60 0.15 0.00	24.51 0.15 0.00	24.07 0.14 0.00	24.57 0.15 0.00	25.12 0.15 0.00	26.32 0.18 0.00	29.85 0.21 0.00	34.40 0.24 0.00	45.70 0.32 0.00	43.23 0.29 -1.35	36.49 0.25 -1.23	31.54 0.18 -1.06	27.13 0.16 -0.91	25.11 0.14 -0.84	22.03 0.13 -0.74
DOGLEVILLE___HYD 23807	21.02 0.34 -0.54	19.31 0.36 0.00	19.05 0.35 0.00	18.12 0.36 0.00	19.51 0.38 0.00	20.49 0.42 0.00	30.83 0.66 0.00	33.50 0.72 0.00	29.22 0.63 0.00	26.01 0.56 0.00	24.93 0.56 0.00	24.46 0.53 0.00	24.96 0.54 0.00	25.47 0.50 0.00	26.69 0.55 0.00	30.27 0.62 0.00	34.74 0.58 0.00	46.16 0.77 0.00	43.48 0.54 -1.35	36.66 0.42 -1.23	31.69 0.33 -1.06	27.31 0.34 -0.91	25.23 0.27 -0.84	22.14 0.23 -0.74
DUNKIRK___115KV_TB_200 55889	19.05 -1.09 0.00	17.77 -1.17 0.00	17.58 -1.12 0.00	16.72 -1.05 0.00	18.11 -1.01 0.00	19.22 -0.84 0.00	29.12 -1.06 0.00	31.28 -1.51 0.00	26.99 -1.60 0.00	24.05 -1.40 0.00	23.17 -1.19 0.00	22.76 -1.17 0.00	22.98 -1.44 0.00	23.75 -1.22 0.00	24.52 -1.62 0.00	27.57 -2.07 0.00	31.73 -2.43 0.00	41.30 -4.08 0.01	38.35 -3.24 0.00	32.35 -2.66 0.00	27.72 -2.57 0.00	24.29 -1.77 0.00	22.79 -1.33 0.00	20.17 -0.99 0.00
DUNKIRK___1 23563	19.05 -1.09 0.00	17.77 -1.17 0.00	17.58 -1.12 0.00	16.72 -1.05 0.00	18.11 -1.01 0.00	19.22 -0.84 0.00	29.12 -1.06 0.00	31.28 -1.51 0.00	26.99 -1.60 0.00	24.05 -1.40 0.00	23.17 -1.19 0.00	22.76 -1.17 0.00	22.98 -1.44 0.00	23.75 -1.22 0.00	24.52 -1.62 0.00	27.57 -2.07 0.00	31.73 -2.43 0.00	41.30 -4.08 0.01	38.35 -3.24 0.00	32.35 -2.66 0.00	27.72 -2.57 0.00	24.29 -1.77 0.00	22.79 -1.33 0.00	20.17 -0.99 0.00
DUNKIRK___2 23564	19.05 -1.09 0.00	17.77 -1.17 0.00	17.58 -1.12 0.00	16.72 -1.05 0.00	18.11 -1.01 0.00	19.22 -0.84 0.00	29.12 -1.06 0.00	31.28 -1.51 0.00	26.99 -1.60 0.00	24.05 -1.40 0.00	23.17 -1.19 0.00	22.76 -1.17 0.00	22.98 -1.44 0.00	23.75 -1.22 0.00	24.52 -1.62 0.00	27.57 -2.07 0.00	31.73 -2.43 0.00	41.30 -4.08 0.01	38.35 -3.24 0.00	32.35 -2.66 0.00	27.72 -2.57 0.00	24.29 -1.77 0.00	22.79 -1.33 0.00	20.17 -0.99 0.00
DUNKIRK___3 23565	19.07 -1.07 0.00	17.79 -1.16 0.00	17.60 -1.10 0.00	16.74 -1.03 0.00	18.11 -1.01 0.00	19.22 -0.84 0.00	29.12 -1.06 0.00	31.21 -1.57 0.00	26.96 -1.63 0.00	24.02 -1.43 0.00	23.15 -1.22 0.00	22.71 -1.22 0.00	22.96 -1.47 0.00	23.72 -1.25 0.00	24.49 -1.65 0.00	27.51 -2.13 0.00	31.66 -2.49 0.00	41.25 -4.13 0.01	38.26 -3.33 0.00	32.31 -2.70 0.00	27.69 -2.61 0.00	24.29 -1.77 0.00	22.77 -1.35 0.00	20.17 -0.99 0.00
DUNKIRK___4 23566	19.07 -1.07 0.00	17.79 -1.16 0.00	17.60 -1.10 0.00	16.74 -1.03 0.00	18.11 -1.01 0.00	19.22 -0.84 0.00	29.12 -1.06 0.00	31.21 -1.57 0.00	26.96 -1.63 0.00	24.02 -1.43 0.00	23.15 -1.22 0.00	22.71 -1.22 0.00	22.96 -1.47 0.00	23.72 -1.25 0.00	24.49 -1.65 0.00	27.51 -2.13 0.00	31.66 -2.49 0.00	41.25 -4.13 0.01	38.26 -3.33 0.00	32.31 -2.70 0.00	27.69 -2.61 0.00	24.29 -1.77 0.00	22.77 -1.35 0.00	20.17 -0.99 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.35 1.21 0.00	20.04 1.10 0.00	19.80 1.10 0.00	18.80 1.03 0.00	20.25 1.13 0.00	21.27 1.20 0.00	31.92 1.75 0.00	34.88 2.10 0.00	30.76 2.17 0.00	27.48 2.04 0.00	26.34 1.97 0.00	25.94 2.01 0.00	26.52 2.10 0.00	27.09 2.12 0.00	28.34 2.20 0.00	32.01 2.37 0.00	36.92 2.77 0.00	49.02 3.63 0.00	44.83 3.24 0.00	37.81 2.80 0.00	32.84 2.54 0.00	28.17 2.11 0.00	26.00 1.88 0.00	22.62 1.46 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.15 1.01 0.00	19.87 0.93 0.00	19.62 0.92 0.00	18.62 0.85 0.00	20.08 0.96 0.00	21.09 1.02 0.00	31.68 1.51 0.00	34.55 1.77 0.00	30.39 1.80 0.00	27.10 1.65 0.00	25.95 1.58 0.00	25.46 1.53 0.00	26.08 1.66 0.00	26.59 1.62 0.00	27.84 1.70 0.00	31.51 1.87 0.00	36.41 2.25 0.00	48.38 3.00 0.00	44.33 2.74 0.00	37.32 2.31 0.00	32.35 2.06 0.00	27.75 1.69 0.00	25.64 1.52 0.00	22.33 1.16 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	21.61 1.47 0.00	20.27 1.33 0.00	20.03 1.33 0.00	19.01 1.24 0.00	20.48 1.36 0.00	21.47 1.40 0.00	32.25 2.08 0.00	35.24 2.46 0.00	31.08 2.49 0.00	27.81 2.37 0.00	26.66 2.29 0.00	26.28 2.35 0.00	26.91 2.49 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.53 2.88 -0.01	37.33 3.18 0.00	49.42 4.04 0.00	45.17 3.58 0.00	38.13 3.12 0.00	33.32 3.03 0.00	28.53 2.48 0.00	26.39 2.27 0.00	22.92 1.76 0.00
E179THST_13_KV_LOAD 356214	21.69 1.55 0.00	20.35 1.40 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.55 1.48 0.00	32.40 2.23 0.00	35.37 2.59 0.00	31.22 2.63 0.00	27.94 2.49 0.00	26.76 2.39 0.00	26.37 2.44 0.00	27.04 2.61 0.00	27.62 2.65 0.00	28.89 2.74 -0.01	32.64 2.99 -0.01	37.50 3.35 0.00	49.70 4.31 0.00	45.37 3.78 0.00	38.30 3.29 0.00	33.47 3.18 0.00	28.64 2.58 0.00	26.48 2.36 0.00	23.00 1.84 0.00
EAST HAMPTON___GT 23717	22.05 1.91 0.00	20.54 1.59 0.00	20.23 1.53 0.00	19.10 1.33 0.00	20.58 1.45 0.00	21.93 1.87 0.00	31.32 1.15 0.00	34.33 1.54 0.00	30.48 1.89 0.00	27.46 2.01 0.00	26.44 2.07 0.00	26.30 2.37 0.00	26.64 2.22 0.00	27.32 2.35 0.00	28.20 2.06 0.00	31.87 2.22 0.00	37.19 3.04 0.00	50.47 5.08 0.00	44.62 3.03 0.00	37.50 2.49 0.00	32.63 2.33 0.00	28.56 2.50 0.00	25.98 1.86 0.00	22.69 1.52 0.00
EAST RIVER___6 23660	21.41 1.27 0.00	20.08 1.14 0.00	19.84 1.14 0.00	18.83 1.07 0.00	20.29 1.17 0.00	21.27 1.20 0.00	31.95 1.78 0.00	34.98 2.20 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.13 2.20 0.00	26.74 2.32 0.00	27.34 2.37 0.00	28.57 2.43 0.00	32.31 2.67 0.00	37.19 3.04 0.00	49.38 3.99 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.11 2.82 0.00	28.32 2.27 0.00	26.22 2.10 0.00	22.92 1.76 0.00
EAST RIVER___7 23524	21.41 1.27 0.00	20.08 1.14 0.00	19.84 1.14 0.00	18.83 1.07 0.00	20.29 1.17 0.00	21.27 1.20 0.00	31.95 1.78 0.00	34.98 2.20 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.13 2.20 0.00	26.74 2.32 0.00	27.34 2.37 0.00	28.57 2.43 0.00	32.31 2.67 0.00	37.19 3.04 0.00	49.38 3.99 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.11 2.82 0.00	28.32 2.27 0.00	26.22 2.10 0.00	22.92 1.76 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.31 1.17 0.00	20.01 1.06 0.00	19.77 1.07 0.00	18.76 0.99 0.00	20.21 1.09 0.00	21.23 1.16 0.00	31.86 1.69 0.00	34.82 2.03 0.00	30.68 2.09 0.00	27.41 1.96 0.00	26.27 1.90 0.00	25.84 1.91 0.00	26.45 2.03 0.00	26.99 2.02 0.00	28.23 2.09 0.00	31.92 2.28 0.00	36.82 2.66 0.00	48.88 3.49 0.00	44.71 3.12 0.00	37.71 2.70 0.00	32.72 2.42 0.00	28.06 2.01 0.00	25.93 1.81 0.00	22.56 1.40 0.00
EAST_HAMPTON___DIESEL 23722	22.01 1.87 0.00	20.50 1.55 0.00	20.20 1.50 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.91 1.84 0.00	31.26 1.08 0.00	34.26 1.48 0.00	30.42 1.83 0.00	27.38 1.93 0.00	26.39 2.02 0.00	26.25 2.32 0.00	26.57 2.15 0.00	27.27 2.30 0.00	28.15 2.01 0.00	31.80 2.16 0.00	37.09 2.94 0.00	50.38 4.99 0.00	44.54 2.95 0.00	37.39 2.38 0.00	32.54 2.24 0.00	28.48 2.42 0.00	25.93 1.81 0.00	22.64 1.48 0.00
EAST_POINT___SOLAR 323840	21.71 1.57 0.00	20.40 1.46 0.00	20.06 1.36 0.00	19.08 1.31 0.00	20.58 1.45 0.00	21.61 1.55 0.00	32.83 2.66 0.00	35.57 2.79 0.00	30.76 2.17 0.00	26.67 1.22 0.00	25.07 0.71 0.00	24.10 0.17 0.00	24.62 0.19 0.00	25.32 0.35 0.00	26.85 0.71 0.00	31.66 2.02 0.00	36.82 2.67 0.00	49.42 4.04 0.00	45.29 3.70 0.00	38.05 3.04 0.00	32.78 2.48 0.00	28.19 2.14 0.00	25.95 1.83 0.00	22.69 1.52 0.00
EAST_PULASKI___ESR 323781	19.69 -0.20 0.25	18.76 -0.19 0.00	18.48 -0.22 0.00	17.57 -0.20 0.00	18.91 -0.21 0.00	19.86 -0.20 0.00	29.96 -0.21 0.00	32.49 -0.30 0.00	28.19 -0.40 0.00	24.99 -0.46 0.00	23.93 -0.44 0.00	23.47 -0.46 0.00	23.93 -0.49 0.00	24.44 -0.53 0.00	25.67 -0.47 0.00	29.20 -0.44 0.00	33.57 -0.58 0.00	45.17 -0.54 -0.33	40.46 -0.50 0.63	35.07 -0.42 -0.48	30.28 -0.49 -0.47	26.09 -0.42 -0.46	24.19 -0.39 -0.45	21.24 -0.36 -0.44
EAST_RIVER___1 323558	21.45 1.31 0.00	20.14 1.19 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.21 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.04 2.26 0.00	30.96 2.37 0.00	27.69 2.24 0.00	26.54 2.17 0.00	26.13 2.20 0.00	26.74 2.32 0.00	27.34 2.37 0.00	28.57 2.43 0.00	32.28 2.64 0.00	37.19 3.04 0.00	49.42 4.04 0.00	45.08 3.49 0.00	38.02 3.01 0.00	33.11 2.82 0.00	28.35 2.29 0.00	26.22 2.10 0.00	22.92 1.76 0.00
EAST_RIVER___2 323559	21.41 1.27 0.00	20.08 1.14 0.00	19.84 1.14 0.00	18.83 1.07 0.00	20.29 1.17 0.00	21.27 1.20 0.00	31.95 1.78 0.00	34.98 2.20 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.13 2.20 0.00	26.74 2.32 0.00	27.34 2.37 0.00	28.57 2.43 0.00	32.31 2.67 0.00	37.19 3.04 0.00	49.38 3.99 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.11 2.82 0.00	28.32 2.27 0.00	26.22 2.10 0.00	22.92 1.76 0.00
EAST___DELAWARE_HYD 23607	21.23 1.09 0.00	19.97 1.02 0.00	19.69 0.99 0.00	18.69 0.92 0.00	20.18 1.05 0.00	21.21 1.14 0.00	31.89 1.72 0.00	34.75 1.97 0.00	30.53 1.95 0.00	27.15 1.71 0.00	25.98 1.61 0.00	25.44 1.51 0.00	26.03 1.61 0.00	26.57 1.60 0.00	27.86 1.72 0.00	31.60 1.96 0.00	36.58 2.43 0.00	48.74 3.36 0.00	44.59 3.00 0.00	37.50 2.49 0.00	32.48 2.18 0.00	27.85 1.80 0.00	25.71 1.59 0.00	22.48 1.31 0.00
EIGHT_POINT___WT_PWR 323820	18.87 -1.27 0.00	17.66 -1.29 0.00	17.50 -1.20 0.00	16.61 -1.15 0.00	17.96 -1.17 0.00	18.94 -1.12 0.00	28.78 -1.39 0.00	31.38 -1.41 0.00	27.13 -1.46 0.00	24.23 -1.22 0.00	23.32 -1.05 0.00	22.88 -1.05 0.00	23.23 -1.20 0.00	23.90 -1.07 0.00	24.86 -1.28 0.00	28.04 -1.60 0.00	32.24 -1.91 0.00	42.16 -3.22 0.00	38.51 -3.08 0.00	32.42 -2.59 0.00	27.66 -2.64 0.00	24.05 -2.01 0.00	22.24 -1.88 0.00	19.60 -1.57 0.00
ELBRIDGE_115KV_TB2 80188	19.88 -0.26 0.00	18.64 -0.30 0.00	18.40 -0.30 0.00	17.50 -0.27 0.00	18.84 -0.29 0.00	19.78 -0.28 0.00	29.78 -0.39 0.00	32.26 -0.52 0.00	28.05 -0.54 0.00	24.96 -0.48 0.00	23.90 -0.46 0.00	23.48 -0.45 0.00	23.93 -0.49 0.00	24.49 -0.47 0.00	25.62 -0.52 0.00	29.05 -0.59 0.00	33.47 -0.68 0.00	44.39 -1.00 0.00	40.72 -0.87 0.00	34.24 -0.77 0.00	29.57 -0.73 0.00	25.51 -0.55 0.00	23.66 -0.46 0.00	20.82 -0.34 0.00
ELEC_TRO_TEK 24086	21.73 1.59 0.00	20.29 1.35 0.00	20.01 1.31 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.61 1.55 0.00	31.59 1.42 0.00	34.59 1.80 0.00	30.65 2.06 0.00	27.66 2.21 0.00	26.58 2.22 0.00	26.32 2.39 0.00	26.89 2.47 0.00	27.29 2.32 0.00	28.44 2.30 0.00	31.98 2.34 0.00	37.02 2.87 0.00	49.38 3.99 0.00	44.87 3.29 0.00	37.85 2.84 0.00	32.84 2.54 0.00	28.48 2.42 0.00	26.24 2.12 0.00	22.79 1.63 0.00

ELLENBURG_WT_PWR 323604	9.98 -0.87 9.30	18.12 -0.81 0.01	17.92 -0.77 0.01	17.05 -0.71 0.01	18.42 -0.71 0.00	19.36 -0.70 0.00	29.09 -1.08 0.00	31.77 -1.02 0.00	27.44 -1.14 0.01	24.32 -1.12 0.01	23.19 -1.17 0.01	22.95 -0.98 0.00	23.35 -1.07 0.00	23.85 -1.12 0.00	25.07 -1.07 0.00	28.43 -1.22 0.00	32.75 -1.40 0.01	37.86 -1.72 5.80	16.72 -1.62 23.24	-6.36 -1.40 39.97	-6.47 -1.24 35.52	-6.47 -1.12 31.41	-6.58 -1.16 29.54	-6.57 -1.06 26.68
ELM_ST_23_KV_LD_REV_LBMP_A 345012	18.95 -1.19 0.00	17.68 -1.27 0.00	17.50 -1.20 0.00	16.63 -1.14 0.00	17.98 -1.15 0.00	19.06 -1.00 0.00	28.78 -1.39 0.00	30.75 -2.03 0.00	26.59 -2.00 0.00	23.74 -1.71 0.00	22.86 -1.51 0.00	22.40 -1.53 0.00	22.69 -1.73 0.00	23.45 -1.52 0.00	24.21 -1.93 0.00	27.24 -2.40 0.00	31.22 -2.94 0.00	40.57 -4.81 0.01	37.64 -3.95 0.00	31.75 -3.26 0.00	27.32 -2.97 0.00	23.97 -2.08 0.00	22.50 -1.62 0.00	20.02 -1.14 0.00
EMPIRE_CC_1 323656	21.09 0.95 0.00	19.86 0.91 0.00	19.60 0.90 0.00	18.62 0.85 0.00	20.04 0.92 0.00	20.99 0.92 0.00	31.53 1.36 0.00	34.33 1.54 0.00	30.10 1.51 0.00	26.80 1.35 0.00	25.68 1.31 0.00	25.20 1.27 0.00	25.76 1.34 0.00	26.34 1.37 0.00	27.55 1.41 0.00	31.24 1.60 0.00	36.03 1.88 0.00	47.88 2.49 0.00	43.87 2.29 0.00	36.93 1.92 0.00	31.99 1.70 0.00	27.49 1.43 0.00	25.40 1.28 0.00	22.28 1.12 0.00
EMPIRE_CC_2 323658	21.09 0.95 0.00	19.86 0.91 0.00	19.60 0.90 0.00	18.62 0.85 0.00	20.04 0.92 0.00	20.99 0.92 0.00	31.53 1.36 0.00	34.33 1.54 0.00	30.10 1.51 0.00	26.80 1.35 0.00	25.68 1.31 0.00	25.20 1.27 0.00	25.76 1.34 0.00	26.34 1.37 0.00	27.55 1.41 0.00	31.24 1.60 0.00	36.03 1.88 0.00	47.88 2.49 0.00	43.87 2.29 0.00	36.93 1.92 0.00	31.99 1.70 0.00	27.49 1.43 0.00	25.40 1.28 0.00	22.28 1.12 0.00
ENORWICH_115KV_TB1 80156	21.05 0.91 0.00	19.82 0.87 0.00	19.47 0.77 0.00	18.55 0.78 0.00	20.02 0.90 0.00	21.17 1.10 0.00	32.25 2.08 0.00	34.95 2.16 0.00	30.19 1.60 0.00	26.70 1.25 0.00	25.46 1.10 0.00	24.89 0.96 0.00	25.35 0.93 0.00	25.87 0.90 0.00	27.45 1.31 0.00	31.39 1.75 0.00	36.27 2.12 0.00	48.65 3.27 0.00	44.29 2.70 0.00	37.22 2.21 0.00	31.93 1.64 0.00	27.49 1.43 0.00	25.23 1.11 0.00	22.03 0.87 0.00
ERIE_ST__34_KV_TB1-2 80199	19.29 -0.85 0.00	18.00 -0.95 0.00	17.80 -0.90 0.00	16.93 -0.84 0.00	18.32 -0.80 0.00	19.44 -0.62 0.00	29.48 -0.69 0.00	31.60 -1.18 0.00	27.30 -1.29 0.00	24.33 -1.12 0.00	23.44 -0.93 0.00	22.95 -0.98 0.00	23.25 -1.17 0.00	24.02 -0.95 0.00	24.81 -1.33 0.00	27.86 -1.78 0.00	32.04 -2.12 0.00	41.75 -3.63 0.01	38.72 -2.87 0.00	32.66 -2.35 0.00	28.02 -2.27 0.00	24.55 -1.51 0.00	23.04 -1.09 0.00	20.42 -0.74 0.00
ERIE_WT_PWR 323693	19.13 -1.01 0.00	17.94 -1.00 0.00	17.61 -1.09 0.00	16.76 -1.01 0.00	18.11 -1.01 0.00	19.20 -0.86 0.00	29.06 -1.12 0.00	31.15 -1.64 0.00	26.87 -1.71 0.00	23.95 -1.50 0.00	23.08 -1.29 0.00	22.61 -1.32 0.00	22.93 -1.49 0.00	23.60 -1.37 0.00	24.49 -1.65 0.00	27.48 -2.16 0.00	31.59 -2.56 0.00	41.07 -4.31 0.01	38.01 -3.58 0.00	32.21 -2.80 0.00	27.57 -2.73 0.00	24.16 -1.90 0.00	22.70 -1.42 0.00	20.19 -0.97 0.00
ESPRGFLD_115KV_TB1 80157	21.09 0.95 0.00	19.86 0.91 0.00	19.52 0.82 0.00	18.57 0.80 0.00	20.00 0.88 0.00	21.07 1.00 0.00	31.92 1.75 0.00	34.62 1.84 0.00	30.10 1.52 0.00	26.59 1.15 0.00	25.34 0.97 0.00	24.70 0.77 0.00	25.20 0.78 0.00	25.77 0.80 0.00	27.19 1.05 0.00	31.18 1.54 0.00	36.00 1.84 0.00	48.11 2.72 0.00	44.00 2.41 0.00	37.01 2.00 0.00	31.90 1.61 0.00	27.46 1.41 0.00	25.28 1.16 0.00	22.07 0.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.26 0.12 0.00	19.00 0.06 0.00	18.74 0.04 0.00	17.82 0.05 0.00	19.20 0.08 0.00	20.23 0.16 0.00	30.56 0.39 0.00	33.14 0.36 0.00	28.73 0.14 0.00	25.52 0.08 0.00	24.42 0.05 0.00	23.95 0.02 0.00	24.40 -0.02 0.00	24.97 0.00 0.00	26.14 0.00 0.00	29.70 0.06 0.00	34.29 0.14 0.00	45.57 0.18 0.00	41.80 0.21 0.00	35.15 0.14 0.00	30.29 0.00 0.00	26.14 0.08 0.00	24.22 0.10 0.00	21.25 0.08 0.00
ETNA____115KV_TB2 80207	20.26 0.12 0.00	19.00 0.06 0.00	18.74 0.04 0.00	17.82 0.05 0.00	19.20 0.08 0.00	20.23 0.16 0.00	30.56 0.39 0.00	33.14 0.36 0.00	28.73 0.14 0.00	25.52 0.08 0.00	24.42 0.05 0.00	23.95 0.02 0.00	24.40 -0.02 0.00	24.97 0.00 0.00	26.14 0.00 0.00	29.70 0.06 0.00	34.29 0.14 0.00	45.57 0.18 0.00	41.80 0.21 0.00	35.15 0.14 0.00	30.29 0.00 0.00	26.14 0.08 0.00	24.22 0.10 0.00	21.25 0.08 0.00
EUCLID__115KV_TB2 356179	19.78 -0.36 0.00	18.59 -0.36 0.00	18.34 -0.36 0.00	17.43 -0.34 0.00	18.76 -0.36 0.00	19.70 -0.36 0.00	29.63 -0.54 0.00	32.06 -0.72 0.00	27.90 -0.69 0.00	24.84 -0.61 0.00	23.78 -0.58 0.00	23.36 -0.57 0.00	23.81 -0.61 0.00	24.37 -0.60 0.00	25.49 -0.65 0.00	28.93 -0.71 0.00	33.34 -0.82 0.00	44.21 -1.18 0.00	40.51 -1.08 0.00	34.10 -0.91 0.00	29.45 -0.85 0.00	25.38 -0.68 0.00	23.54 -0.58 0.00	20.74 -0.42 0.00
E_CANADA_CAP_HY 24051	21.41 1.27 0.00	20.14 1.19 0.00	19.82 1.12 0.00	18.83 1.07 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.35 2.17 0.00	35.04 2.26 0.00	30.45 1.86 0.00	26.75 1.30 0.00	25.37 1.00 0.00	24.62 0.69 0.00	25.18 0.76 0.00	25.79 0.82 0.00	27.19 1.05 0.00	31.45 1.81 0.00	36.31 2.15 0.00	48.61 3.22 0.00	44.54 2.95 0.00	37.42 2.41 0.00	32.26 1.97 0.00	27.83 1.77 0.00	25.62 1.50 0.00	22.41 1.25 0.00
E_CANADA_MHWK_HY 24050	21.02 0.34 -0.54	19.31 0.36 0.00	19.05 0.35 0.00	18.12 0.36 0.00	19.51 0.38 0.00	20.49 0.42 0.00	30.83 0.66 0.00	33.50 0.72 0.00	29.22 0.63 0.00	26.01 0.56 0.00	24.93 0.56 0.00	24.46 0.53 0.00	24.96 0.54 0.00	25.47 0.50 0.00	26.69 0.55 0.00	30.27 0.62 0.00	34.74 0.58 0.00	46.16 0.77 0.00	43.48 0.54 -1.35	36.66 0.42 -1.23	31.69 0.33 -1.06	27.31 0.34 -0.91	25.23 0.27 -0.84	22.14 0.23 -0.74
E_FISHKILL__LBMP 23776	21.23 1.09 0.00	19.93 0.99 0.00	19.71 1.01 0.00	18.71 0.94 0.00	20.16 1.03 0.00	21.13 1.06 0.00	31.71 1.54 0.00	34.62 1.84 0.00	30.50 1.92 0.00	27.23 1.78 0.00	26.10 1.73 0.00	25.65 1.72 0.00	26.25 1.83 0.00	26.79 1.82 0.00	28.05 1.91 0.00	31.72 2.07 0.00	36.58 2.43 0.00	48.56 3.18 0.00	44.46 2.87 0.00	37.46 2.45 0.00	32.50 2.21 0.00	27.91 1.85 0.00	25.76 1.64 0.00	22.45 1.29 0.00
FALCON__SEABRD_CC1 323796	10.09 -0.87 9.19	18.11 -0.83 0.01	17.91 -0.78 0.01	17.03 -0.73 0.01	18.40 -0.73 0.00	19.40 -0.66 0.00	28.93 -1.24 0.00	31.67 -1.11 0.00	27.30 -1.29 0.01	24.14 -1.30 0.01	23.00 -1.36 0.01	22.78 -1.15 0.00	23.15 -1.27 0.00	23.62 -1.35 0.00	24.89 -1.25 0.00	28.19 -1.45 0.00	32.48 -1.67 0.01	37.41 -2.09 5.89	16.99 -1.62 22.98	-6.34 -1.33 40.02	-6.46 -1.18 35.57	-6.53 -1.12 31.47	-6.59 -1.11 29.60	-6.62 -1.04 26.75

FALCON___SEABRD_CC2 323797	10.09 -0.87 9.19	18.11 -0.83 0.01	17.91 -0.78 0.01	17.03 -0.73 0.01	18.40 -0.73 0.00	19.40 -0.66 0.00	28.93 -1.24 0.00	31.67 -1.11 0.00	27.30 -1.29 0.01	24.14 -1.30 0.01	23.00 -1.36 0.01	22.78 -1.15 0.00	23.15 -1.27 0.00	23.62 -1.35 0.00	24.89 -1.25 0.00	28.19 -1.45 0.00	32.48 -1.67 0.01	37.41 -2.09 5.89	16.99 -1.62 22.98	-6.34 -1.33 40.02	-6.46 -1.18 35.57	-6.53 -1.12 31.47	-6.59 -1.11 29.60	-6.62 -1.04 26.75
FAR ROCKAWAY___4 23548	21.97 1.83 0.00	20.48 1.53 0.00	20.21 1.51 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.85 1.79 0.00	31.89 1.72 0.00	34.95 2.16 0.00	30.96 2.37 0.00	27.94 2.49 0.00	26.90 2.53 0.00	26.66 2.73 0.00	27.21 2.78 0.00	27.64 2.67 0.00	28.81 2.67 0.00	32.34 2.70 0.00	37.50 3.35 0.00	50.06 4.67 0.00	45.46 3.87 0.00	38.34 3.33 0.00	33.23 2.94 0.00	28.82 2.76 0.00	26.53 2.41 0.00	23.02 1.86 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.47 1.33 0.00	20.14 1.19 0.00	19.90 1.20 0.00	18.89 1.12 0.00	20.35 1.22 0.00	21.35 1.28 0.00	32.07 1.90 0.00	35.11 2.33 0.00	30.99 2.40 0.00	27.69 2.24 0.00	26.56 2.19 0.00	26.16 2.23 0.00	26.77 2.34 0.00	27.34 2.37 0.00	28.60 2.46 0.00	32.31 2.67 0.00	37.20 3.04 0.00	49.33 3.95 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.11 2.82 0.00	28.35 2.29 0.00	26.20 2.07 0.00	22.77 1.61 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.57 1.43 0.00	20.23 1.29 0.00	19.99 1.29 0.00	18.98 1.21 0.00	20.44 1.32 0.00	21.47 1.40 0.00	32.25 2.08 0.00	35.31 2.52 0.00	31.19 2.60 0.00	27.87 2.42 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.94 2.52 0.00	27.52 2.55 0.00	28.78 2.64 0.00	32.52 2.88 0.00	37.47 3.31 0.00	49.70 4.31 0.00	45.42 3.83 0.00	38.34 3.33 0.00	33.35 3.06 0.00	28.53 2.48 0.00	26.36 2.24 0.00	22.90 1.74 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.45 1.31 0.00	20.14 1.19 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.07 1.90 0.00	35.08 2.29 0.00	30.96 2.37 0.00	27.69 2.24 0.00	26.54 2.17 0.00	26.13 2.20 0.00	26.74 2.32 0.00	27.32 2.35 0.00	28.57 2.43 0.00	32.28 2.64 0.00	37.20 3.04 0.00	49.29 3.90 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.08 2.79 0.00	28.35 2.29 0.00	26.20 2.07 0.00	22.77 1.61 0.00
FARRAGUT___LBMP 323566	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.74 2.32 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00
FENNER___WINDPWR 24204	20.46 0.32 0.00	19.23 0.28 0.00	18.96 0.26 0.00	18.02 0.25 0.00	19.41 0.29 0.00	20.43 0.36 0.00	30.87 0.69 0.00	33.67 0.89 0.00	29.25 0.66 0.00	25.96 0.51 0.00	24.83 0.46 0.00	24.31 0.38 0.00	24.81 0.39 0.00	25.34 0.38 0.00	26.66 0.52 0.00	30.15 0.50 0.00	34.74 0.58 0.00	46.44 0.91 -0.14	42.38 0.79 0.00	36.11 0.63 -0.47	31.15 0.42 -0.43	26.84 0.39 -0.39	24.81 0.31 -0.38	21.77 0.25 -0.35
FIBERTEK___ENERGY 23856	19.98 -0.16 0.00	18.74 -0.21 0.00	18.49 -0.21 0.00	17.59 -0.18 0.00	18.93 -0.19 0.00	19.88 -0.18 0.00	29.93 -0.24 0.00	32.42 -0.36 0.00	28.19 -0.40 0.00	25.07 -0.38 0.00	24.03 -0.34 0.00	23.60 -0.34 0.00	24.06 -0.37 0.00	24.62 -0.35 0.00	25.75 -0.39 0.00	29.23 -0.41 0.00	33.68 -0.48 0.00	44.70 -0.68 0.00	40.97 -0.62 0.00	34.45 -0.56 0.00	29.75 -0.55 0.00	25.64 -0.42 0.00	23.78 -0.34 0.00	20.93 -0.23 0.00
FITZPATRICK____ 23598	19.56 -0.58 0.00	18.40 -0.55 0.00	18.14 -0.56 0.00	17.24 -0.53 0.00	18.55 -0.57 0.00	19.46 -0.60 0.00	29.21 -0.97 0.00	31.64 -1.15 0.00	27.53 -1.06 0.00	24.48 -0.97 0.00	23.47 -0.90 0.00	23.05 -0.88 0.00	23.49 -0.93 0.00	24.05 -0.92 0.00	25.15 -0.99 0.00	28.52 -1.13 0.00	32.86 -1.30 0.00	43.57 -1.82 0.00	39.97 -1.62 0.00	33.64 -1.37 0.00	29.08 -1.21 0.00	25.04 -1.02 0.00	23.20 -0.92 0.00	20.40 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	22.11 1.97 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.15 1.39 0.00	20.63 1.51 0.00	21.97 1.91 0.00	31.47 1.30 0.00	34.52 1.74 0.00	30.65 2.06 0.00	27.79 2.34 0.00	26.73 2.36 0.00	26.54 2.61 0.00	27.11 2.69 0.00	27.42 2.45 0.00	28.57 2.43 0.00	32.10 2.46 0.00	37.30 3.14 0.00	50.01 4.63 0.00	45.08 3.49 0.00	38.09 3.08 0.00	33.02 2.73 0.00	28.85 2.79 0.00	26.44 2.32 0.00	22.92 1.76 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.33 1.19 0.00	20.04 1.10 0.00	19.78 1.08 0.00	18.80 1.03 0.00	20.27 1.15 0.00	21.27 1.20 0.00	31.95 1.78 0.00	34.85 2.07 0.00	30.68 2.09 0.00	27.33 1.88 0.00	26.17 1.80 0.00	25.65 1.72 0.00	26.28 1.86 0.00	26.79 1.82 0.00	28.10 1.96 0.00	31.84 2.19 0.00	36.79 2.63 0.00	48.88 3.49 0.00	44.75 3.16 0.00	37.67 2.66 0.00	32.66 2.36 0.00	28.01 1.95 0.00	25.83 1.71 0.00	22.50 1.33 0.00
FORT ORANGE____ 23900	20.91 0.77 0.00	19.70 0.76 0.00	19.43 0.73 0.00	18.48 0.71 0.00	19.89 0.77 0.00	20.79 0.72 0.00	31.26 1.08 0.00	34.00 1.21 0.00	29.76 1.17 0.00	26.44 0.99 0.00	25.32 0.95 0.00	24.82 0.89 0.00	25.37 0.95 0.00	25.94 0.97 0.00	27.16 1.02 0.00	30.86 1.22 0.00	35.62 1.47 0.00	47.43 2.04 0.00	43.50 1.91 0.00	36.59 1.58 0.00	31.69 1.39 0.00	27.18 1.12 0.00	25.11 0.99 0.00	22.01 0.85 0.00
FORT_DRUM_COGEN 23780	19.57 0.34 0.91	19.29 0.34 0.00	18.96 0.26 0.00	18.03 0.27 0.00	19.45 0.33 0.00	20.51 0.44 0.00	31.26 1.09 0.00	33.96 1.18 0.00	29.25 0.66 0.00	25.78 0.33 0.00	24.56 0.19 0.00	24.00 0.07 0.00	24.47 0.05 0.00	24.92 -0.05 0.00	26.40 0.26 0.00	30.15 0.50 0.00	34.80 0.65 0.00	48.14 1.77 -0.99	40.85 1.54 2.28	37.43 1.30 -1.12	32.29 0.85 -1.15	27.85 0.65 -1.14	25.60 0.34 -1.14	22.55 0.25 -1.13
FOX_HILLS___ESR 323835	21.65 1.51 0.00	20.27 1.33 0.00	20.03 1.33 0.00	18.99 1.23 0.00	20.46 1.34 0.00	21.43 1.36 0.00	32.19 2.02 0.00	34.92 2.13 0.00	30.96 2.37 0.00	27.69 2.24 0.00	26.51 2.14 0.00	26.13 2.20 0.00	26.79 2.37 0.00	27.39 2.42 0.00	28.68 2.54 -0.01	32.44 2.79 -0.01	37.02 2.87 0.00	49.06 3.68 0.00	44.83 3.24 0.00	37.81 2.80 0.00	33.32 3.03 0.00	28.51 2.45 0.00	26.41 2.29 0.00	22.90 1.74 0.00
FPL FAR_ROCK_GT1 24212	21.93 1.79 0.00	20.50 1.55 0.00	20.21 1.51 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.85 1.79 0.00	31.89 1.72 0.00	34.91 2.13 0.00	30.93 2.34 0.00	27.94 2.50 0.00	26.90 2.53 0.00	26.66 2.73 0.00	27.11 2.69 0.00	27.74 2.77 0.00	28.70 2.56 0.00	32.34 2.70 0.00	37.50 3.35 0.00	50.33 4.95 0.00	45.50 3.91 0.00	38.19 3.19 0.00	33.23 2.94 0.00	28.87 2.82 0.00	26.65 2.53 0.00	23.17 2.01 0.00



FPL FAR_ROCK_GT2 23815	21.93 1.79 0.00	20.50 1.55 0.00	20.21 1.51 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.85 1.79 0.00	31.89 1.72 0.00	34.91 2.13 0.00	30.93 2.34 0.00	27.94 2.50 0.00	26.90 2.53 0.00	26.66 2.73 0.00	27.11 2.69 0.00	27.74 2.77 0.00	28.70 2.56 0.00	32.34 2.70 0.00	37.50 3.35 0.00	50.33 4.95 0.00	45.50 3.91 0.00	38.19 3.19 0.00	33.23 2.94 0.00	28.87 2.82 0.00	26.65 2.53 0.00	23.17 2.01 0.00
FRANKLIN_FALL_HYD 24054	12.25 -0.30 7.59	18.66 -0.28 0.01	18.39 -0.30 0.01	17.48 -0.28 0.01	18.88 -0.25 0.00	19.90 -0.16 0.00	30.20 0.03 0.00	32.98 0.20 0.00	28.35 -0.23 0.01	25.06 -0.38 0.01	23.87 -0.49 0.01	23.50 -0.43 0.00	23.88 -0.54 0.00	24.35 -0.62 0.00	25.70 -0.44 0.00	29.23 -0.41 0.00	33.77 -0.38 0.01	52.07 0.09 -6.59	22.65 0.04 18.98	39.09 0.00 -4.08	34.87 -0.12 -4.70	30.91 -0.21 -5.06	29.00 -0.41 -5.29	26.21 -0.44 -5.49
FREEPORT_EQUS_GT1 23764	21.83 1.69 0.00	20.38 1.44 0.00	20.10 1.40 0.00	19.03 1.26 0.00	20.50 1.38 0.00	21.75 1.69 0.00	31.65 1.48 0.00	34.65 1.87 0.00	30.62 2.03 0.00	27.69 2.24 0.00	26.61 2.24 0.00	26.37 2.44 0.00	26.82 2.39 0.00	27.44 2.47 0.00	28.39 2.25 0.00	31.98 2.34 0.00	37.06 2.90 0.00	49.79 4.40 0.00	45.17 3.58 0.00	37.91 2.90 0.00	32.99 2.70 0.00	28.69 2.63 0.00	26.51 2.39 0.00	23.05 1.88 0.00
FREEPORT___CT2 23818	21.83 1.69 0.00	20.38 1.44 0.00	20.10 1.40 0.00	19.03 1.26 0.00	20.50 1.38 0.00	21.75 1.69 0.00	31.65 1.48 0.00	34.65 1.87 0.00	30.62 2.03 0.00	27.69 2.24 0.00	26.61 2.24 0.00	26.37 2.44 0.00	26.82 2.39 0.00	27.44 2.47 0.00	28.39 2.25 0.00	31.98 2.34 0.00	37.06 2.90 0.00	49.79 4.40 0.00	45.17 3.58 0.00	37.91 2.90 0.00	32.99 2.70 0.00	28.69 2.63 0.00	26.51 2.39 0.00	23.05 1.88 0.00
FRESHKLS_33_KV_LOAD 356253	21.69 1.55 0.00	20.33 1.38 0.00	20.06 1.37 0.00	19.03 1.26 0.00	20.50 1.38 0.00	21.47 1.40 0.00	32.22 2.05 0.00	34.92 2.13 0.00	30.96 2.37 0.00	27.69 2.24 0.00	26.51 2.14 0.00	26.13 2.20 0.00	26.79 2.37 0.00	27.39 2.42 0.00	28.68 2.54 -0.01	32.44 2.79 -0.01	36.99 2.83 0.00	49.06 3.68 0.00	44.79 3.20 0.00	37.81 2.80 0.00	33.35 3.06 0.00	28.53 2.48 0.00	26.46 2.34 0.00	22.92 1.76 0.00
FULTON COGEN____ 23766	19.80 -0.34 0.00	18.59 -0.36 0.00	18.34 -0.36 0.00	17.43 -0.34 0.00	18.76 -0.36 0.00	19.68 -0.38 0.00	29.63 -0.54 0.00	32.06 -0.72 0.00	27.90 -0.69 0.00	24.81 -0.64 0.00	23.76 -0.61 0.00	23.33 -0.60 0.00	23.79 -0.63 0.00	24.35 -0.62 0.00	25.49 -0.65 0.00	28.90 -0.74 0.00	33.30 -0.85 0.00	44.21 -1.18 0.00	40.55 -1.04 0.00	34.10 -0.91 0.00	29.45 -0.85 0.00	25.38 -0.68 0.00	23.54 -0.58 0.00	20.74 -0.42 0.00
FULTON___LFGE 323630	21.53 1.39 0.00	20.25 1.31 0.00	19.93 1.23 0.00	18.94 1.17 0.00	20.42 1.30 0.00	21.43 1.37 0.00	32.46 2.29 0.00	35.18 2.39 0.00	30.62 2.03 0.00	26.92 1.48 0.00	25.56 1.19 0.00	24.86 0.93 0.00	25.42 1.00 0.00	26.04 1.07 0.00	27.39 1.25 0.00	31.60 1.96 0.00	36.55 2.39 0.00	48.93 3.54 0.00	44.87 3.28 0.00	37.71 2.70 0.00	32.50 2.21 0.00	27.96 1.90 0.00	25.76 1.64 0.00	22.54 1.37 0.00
G.F.CEMENT___DRP 24184	21.73 1.59 0.00	20.44 1.50 0.00	20.12 1.42 0.00	19.12 1.35 0.00	20.58 1.45 0.00	21.17 1.10 0.00	31.95 1.78 0.00	34.65 1.87 0.00	30.39 1.80 0.00	26.92 1.48 0.00	25.76 1.39 0.00	25.17 1.24 0.00	25.72 1.29 0.00	26.29 1.32 0.00	27.45 1.31 0.00	31.27 1.63 0.00	36.10 1.95 0.00	48.38 3.00 0.00	44.33 2.74 0.00	37.25 2.24 0.00	32.14 1.85 0.00	27.54 1.49 0.00	25.50 1.37 0.00	22.67 1.50 0.00
GARDENVILLE___LBMP 24039	19.01 -1.13 0.00	17.73 -1.21 0.00	17.54 -1.16 0.00	16.68 -1.08 0.00	18.03 -1.09 0.00	19.12 -0.94 0.00	28.90 -1.27 0.00	30.92 -1.87 0.00	26.73 -1.86 0.00	23.84 -1.60 0.00	22.95 -1.41 0.00	22.49 -1.44 0.00	22.79 -1.64 0.00	23.55 -1.42 0.00	24.31 -1.83 0.00	27.36 -2.28 0.00	31.39 -2.77 0.00	40.80 -4.58 0.01	37.85 -3.74 0.00	31.93 -3.08 0.00	27.45 -2.85 0.00	24.08 -1.98 0.00	22.60 -1.52 0.00	20.08 -1.08 0.00
GARDNVLA_35_KV_LD 355827	19.11 -1.03 0.00	17.83 -1.12 0.00	17.63 -1.07 0.00	16.77 -0.99 0.00	18.13 -0.99 0.00	19.22 -0.84 0.00	29.06 -1.12 0.00	31.08 -1.70 0.00	26.87 -1.72 0.00	23.97 -1.48 0.00	23.10 -1.27 0.00	22.64 -1.29 0.00	22.93 -1.49 0.00	23.70 -1.27 0.00	24.47 -1.67 0.00	27.54 -2.10 0.00	31.56 -2.60 0.00	41.07 -4.31 0.01	38.05 -3.54 0.00	32.14 -2.87 0.00	27.60 -2.70 0.00	24.21 -1.85 0.00	22.72 -1.40 0.00	20.19 -0.97 0.00
GELCKHM___115KV_LOAD 80723	19.86 -0.28 0.00	18.64 -0.30 0.00	18.40 -0.30 0.00	17.48 -0.28 0.00	18.82 -0.31 0.00	19.76 -0.30 0.00	29.75 -0.42 0.00	32.19 -0.59 0.00	28.02 -0.57 0.00	24.91 -0.53 0.00	23.88 -0.49 0.00	23.45 -0.48 0.00	23.91 -0.51 0.00	24.47 -0.50 0.00	25.59 -0.55 0.00	29.05 -0.59 0.00	33.47 -0.68 0.00	44.39 -1.00 0.00	40.67 -0.91 0.00	34.20 -0.81 0.00	29.57 -0.73 0.00	25.48 -0.57 0.00	23.64 -0.48 0.00	20.80 -0.36 0.00
GENERAL___MILLS 23808	19.07 -1.07 0.00	17.79 -1.16 0.00	17.61 -1.08 0.00	16.74 -1.03 0.00	18.11 -1.01 0.00	19.20 -0.86 0.00	29.03 -1.15 0.00	31.05 -1.74 0.00	26.85 -1.74 0.00	23.95 -1.50 0.00	23.05 -1.32 0.00	22.59 -1.34 0.00	22.88 -1.54 0.00	23.65 -1.32 0.00	24.41 -1.73 0.00	27.45 -2.19 0.00	31.49 -2.66 0.00	40.98 -4.40 0.01	37.97 -3.62 0.00	32.07 -2.94 0.00	27.57 -2.73 0.00	24.16 -1.90 0.00	22.70 -1.42 0.00	20.15 -1.02 0.00
GE_PLASTICS___DRP 24183	20.78 0.64 0.00	19.57 0.63 0.00	19.32 0.62 0.00	18.35 0.59 0.00	19.75 0.63 0.00	20.69 0.62 0.00	31.08 0.91 0.00	33.80 1.02 0.00	29.62 1.03 0.00	26.34 0.89 0.00	25.22 0.85 0.00	24.77 0.84 0.00	25.30 0.88 0.00	25.87 0.90 0.00	27.08 0.94 0.00	30.71 1.07 0.00	35.42 1.26 0.00	47.11 1.72 0.00	43.17 1.58 0.00	36.34 1.33 0.00	31.47 1.18 0.00	27.02 0.96 0.00	24.97 0.84 0.00	21.84 0.68 0.00
GILBOA___1 23756	20.68 0.54 0.00	19.48 0.53 0.00	19.30 0.60 0.00	18.32 0.55 0.00	19.66 0.53 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.74 0.95 0.00	29.53 0.94 0.00	26.31 0.87 0.00	25.20 0.83 0.00	24.74 0.81 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.65 1.01 0.00	35.28 1.13 0.00	46.79 1.41 0.00	42.96 1.37 0.00	36.16 1.15 0.00	31.38 1.09 0.00	26.97 0.91 0.00	24.94 0.82 0.00	21.86 0.70 0.00
GILBOA___2 23757	20.68 0.54 0.00	19.48 0.53 0.00	19.30 0.60 0.00	18.32 0.55 0.00	19.66 0.53 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.74 0.95 0.00	29.53 0.94 0.00	26.31 0.87 0.00	25.20 0.83 0.00	24.74 0.81 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.65 1.01 0.00	35.28 1.13 0.00	46.79 1.41 0.00	42.96 1.37 0.00	36.16 1.15 0.00	31.38 1.09 0.00	26.97 0.91 0.00	24.94 0.82 0.00	21.86 0.70 0.00

GILBOA___3 23758	20.68 0.54 0.00	19.48 0.53 0.00	19.30 0.60 0.00	18.32 0.55 0.00	19.66 0.53 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.74 0.95 0.00	29.53 0.94 0.00	26.31 0.87 0.00	25.20 0.83 0.00	24.74 0.81 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.65 1.01 0.00	35.28 1.13 0.00	46.79 1.41 0.00	42.96 1.37 0.00	36.16 1.15 0.00	31.38 1.09 0.00	26.97 0.91 0.00	24.94 0.82 0.00	21.86 0.70 0.00
GILBOA___4 23759	20.68 0.54 0.00	19.48 0.53 0.00	19.30 0.60 0.00	18.32 0.55 0.00	19.66 0.53 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.74 0.95 0.00	29.53 0.94 0.00	26.31 0.87 0.00	25.20 0.83 0.00	24.74 0.81 0.00	25.28 0.85 0.00	25.84 0.87 0.00	27.03 0.89 0.00	30.65 1.01 0.00	35.28 1.13 0.00	46.79 1.41 0.00	42.96 1.37 0.00	36.16 1.15 0.00	31.38 1.09 0.00	26.97 0.91 0.00	24.94 0.82 0.00	21.86 0.70 0.00
GILBOA___ 23599	20.70 0.56 0.00	19.53 0.59 0.00	19.30 0.60 0.00	18.32 0.55 0.00	19.66 0.54 0.00	20.63 0.56 0.00	30.99 0.81 0.00	33.74 0.95 0.00	29.53 0.94 0.00	26.31 0.87 0.00	25.20 0.83 0.00	24.74 0.81 0.00	25.30 0.88 0.00	25.84 0.87 0.00	27.05 0.91 0.00	30.65 1.01 0.00	35.28 1.13 0.00	46.88 1.50 0.00	42.96 1.37 0.00	36.16 1.16 0.00	31.38 1.09 0.00	26.97 0.91 0.00	24.92 0.80 0.00	21.80 0.63 0.00
GINNA___ 23603	18.53 -1.61 0.00	17.41 -1.53 0.00	17.11 -1.59 0.00	16.28 -1.49 0.00	17.54 -1.59 0.00	18.52 -1.54 0.00	27.94 -2.23 0.00	30.26 -2.52 0.00	26.19 -2.40 0.00	23.31 -2.14 0.00	22.34 -2.02 0.00	21.97 -1.96 0.00	22.37 -2.05 0.00	22.95 -2.02 0.00	23.87 -2.27 0.00	27.06 -2.58 0.00	31.08 -3.07 0.00	40.89 -4.49 0.00	37.64 -3.95 0.00	31.72 -3.29 0.00	27.26 -3.03 0.00	23.66 -2.40 0.00	22.07 -2.05 0.00	19.47 -1.69 0.00
GLEN PARK___ 23778	19.72 0.44 0.86	19.38 0.44 0.00	19.04 0.34 0.00	18.12 0.36 0.00	19.54 0.42 0.00	20.61 0.54 0.00	31.41 1.24 0.00	34.13 1.34 0.00	29.36 0.77 0.00	25.85 0.41 0.00	24.61 0.24 0.00	24.05 0.12 0.00	24.54 0.12 0.00	24.97 0.00 0.00	26.51 0.37 0.00	30.27 0.62 0.00	34.97 0.82 0.00	48.41 2.09 -0.94	41.26 1.83 2.16	37.66 1.58 -1.07	32.42 1.03 -1.09	27.95 0.81 -1.08	25.67 0.46 -1.09	22.54 0.30 -1.08
GLENDALE_27_KV_LOAD 356172	21.59 1.45 0.00	20.23 1.29 0.00	19.99 1.29 0.00	18.98 1.21 0.00	20.44 1.32 0.00	21.45 1.38 0.00	32.25 2.08 0.00	35.24 2.46 0.00	31.16 2.57 0.00	27.87 2.42 0.00	26.71 2.34 0.00	26.30 2.37 0.00	26.94 2.52 0.00	27.52 2.55 0.00	28.81 2.67 -0.01	32.55 2.90 -0.01	37.40 3.24 0.00	49.52 4.13 0.00	45.21 3.62 0.00	38.20 3.19 0.00	33.35 3.06 0.00	28.53 2.48 0.00	26.36 2.24 0.00	22.88 1.71 0.00
GLENWOOD_IC_1_G5 23712	21.67 1.53 0.00	20.25 1.31 0.00	19.99 1.29 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.55 1.48 0.00	31.83 1.66 0.00	34.85 2.07 0.00	30.82 2.23 0.00	27.69 2.24 0.00	26.61 2.24 0.00	26.28 2.35 0.00	26.86 2.44 0.00	27.32 2.35 0.00	28.52 2.38 0.00	32.13 2.49 0.00	37.16 3.01 0.00	49.47 4.08 0.00	45.08 3.49 0.00	37.99 2.98 0.00	32.96 2.67 0.00	28.45 2.40 0.00	26.24 2.12 0.00	22.79 1.63 0.00
GLENWOOD_IC_2_G1 23688	21.51 1.37 0.00	20.16 1.21 0.00	19.90 1.20 0.00	18.87 1.10 0.00	20.33 1.21 0.00	21.43 1.37 0.00	31.80 1.63 0.00	34.78 2.00 0.00	30.73 2.15 0.00	27.59 2.14 0.00	26.46 2.10 0.00	26.11 2.18 0.00	26.64 2.22 0.00	27.24 2.27 0.00	28.36 2.22 0.00	32.01 2.37 0.00	36.99 2.83 0.00	49.38 3.99 0.00	44.92 3.33 0.00	37.81 2.80 0.00	32.87 2.57 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.83 1.67 0.00
GLENWOOD_IC_3_G1 23689	21.51 1.37 0.00	20.16 1.21 0.00	19.90 1.20 0.00	18.87 1.10 0.00	20.33 1.21 0.00	21.43 1.37 0.00	31.80 1.63 0.00	34.78 2.00 0.00	30.73 2.15 0.00	27.59 2.14 0.00	26.46 2.10 0.00	26.11 2.18 0.00	26.64 2.22 0.00	27.24 2.27 0.00	28.36 2.22 0.00	32.01 2.37 0.00	36.99 2.83 0.00	49.38 3.99 0.00	44.92 3.33 0.00	37.81 2.80 0.00	32.87 2.57 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.83 1.67 0.00
GLENWOOD___4 23550	21.67 1.53 0.00	20.25 1.31 0.00	19.99 1.29 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.55 1.48 0.00	31.83 1.66 0.00	34.85 2.07 0.00	30.82 2.23 0.00	27.69 2.24 0.00	26.61 2.24 0.00	26.28 2.35 0.00	26.86 2.44 0.00	27.32 2.35 0.00	28.52 2.38 0.00	32.13 2.49 0.00	37.16 3.01 0.00	49.47 4.08 0.00	45.08 3.49 0.00	37.99 2.98 0.00	32.96 2.67 0.00	28.45 2.40 0.00	26.24 2.12 0.00	22.79 1.63 0.00
GLENWOOD___5 23614	21.67 1.53 0.00	20.25 1.31 0.00	19.99 1.29 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.55 1.48 0.00	31.83 1.66 0.00	34.85 2.07 0.00	30.82 2.23 0.00	27.69 2.24 0.00	26.61 2.24 0.00	26.28 2.35 0.00	26.86 2.44 0.00	27.32 2.35 0.00	28.52 2.38 0.00	32.13 2.49 0.00	37.16 3.01 0.00	49.47 4.08 0.00	45.08 3.49 0.00	37.99 2.98 0.00	32.96 2.67 0.00	28.45 2.40 0.00	26.24 2.12 0.00	22.79 1.63 0.00
GLOBAL GREEN_PORT_GT1 23814	22.15 2.01 0.00	20.63 1.69 0.00	20.33 1.63 0.00	19.19 1.42 0.00	20.67 1.55 0.00	22.05 1.99 0.00	31.53 1.36 0.00	34.55 1.77 0.00	30.68 2.09 0.00	27.64 2.19 0.00	26.63 2.27 0.00	26.49 2.56 0.00	26.82 2.39 0.00	27.52 2.55 0.00	28.41 2.27 0.00	32.10 2.46 0.00	37.43 3.28 0.00	50.83 5.44 0.00	45.04 3.45 0.00	37.81 2.80 0.00	32.90 2.61 0.00	28.82 2.76 0.00	26.22 2.10 0.00	22.86 1.69 0.00
GLOBE___DSASP 323697	18.49 -1.65 0.00	17.22 -1.72 0.00	17.05 -1.65 0.00	16.20 -1.56 0.00	17.52 -1.61 0.00	18.54 -1.52 0.00	27.88 -2.29 0.00	29.64 -3.15 0.00	25.67 -2.92 0.00	22.93 -2.52 0.00	22.05 -2.31 0.00	21.63 -2.30 0.00	21.91 -2.52 0.00	22.65 -2.32 0.00	23.40 -2.74 0.00	26.29 -3.35 0.00	30.06 -4.10 0.00	38.98 -6.40 0.01	36.18 -5.41 0.00	30.60 -4.41 0.00	26.39 -3.91 0.00	23.19 -2.87 0.00	21.81 -2.32 0.00	19.49 -1.67 0.00
GOETHSLN___LBMP 323567	21.37 1.23 0.00	20.06 1.12 0.00	19.80 1.10 0.00	18.80 1.03 0.00	20.25 1.13 0.00	21.29 1.22 0.00	31.95 1.78 0.00	34.98 2.20 0.00	30.88 2.29 0.00	27.61 2.16 0.00	26.46 2.10 0.00	26.06 2.13 0.00	26.67 2.25 0.00	27.24 2.27 0.00	28.49 2.35 0.00	32.19 2.55 0.00	37.06 2.90 0.00	49.11 3.72 0.00	44.92 3.33 0.00	37.92 2.91 0.00	32.99 2.70 0.00	28.27 2.21 0.00	26.10 1.98 0.00	22.69 1.52 0.00
GOLAH___69_KV_TB 1_2 80279	19.27 -0.87 0.00	18.04 -0.91 0.00	17.80 -0.90 0.00	16.91 -0.85 0.00	18.28 -0.84 0.00	19.34 -0.72 0.00	29.12 -1.06 0.00	31.28 -1.51 0.00	27.10 -1.49 0.00	24.18 -1.27 0.00	23.20 -1.17 0.00	22.78 -1.15 0.00	23.13 -1.29 0.00	23.77 -1.20 0.00	24.65 -1.49 0.00	27.89 -1.75 0.00	32.00 -2.15 0.00	41.94 -3.45 0.00	38.76 -2.83 0.00	32.70 -2.31 0.00	28.17 -2.12 0.00	24.55 -1.51 0.00	22.99 -1.13 0.00	20.38 -0.78 0.00

GOODYEAR_LAKE_HYD 323669	20.87 0.73 0.00	19.65 0.70 0.00	19.35 0.65 0.00	18.41 0.64 0.00	19.81 0.69 0.00	20.87 0.80 0.00	31.53 1.36 0.00	34.26 1.48 0.00	29.85 1.26 0.00	26.52 1.07 0.00	25.34 0.97 0.00	24.79 0.86 0.00	25.30 0.88 0.00	25.84 0.87 0.00	27.19 1.05 0.00	30.98 1.33 0.00	35.69 1.54 0.00	47.61 2.22 0.00	43.54 1.95 0.00	36.62 1.61 0.00	31.60 1.30 0.00	27.20 1.15 0.00	25.06 0.94 0.00	21.90 0.74 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.10 -0.04 0.00	18.85 -0.09 0.00	18.61 -0.09 0.00	17.68 -0.09 0.00	19.07 -0.06 0.00	20.09 0.02 0.00	30.32 0.15 0.00	32.85 0.07 0.00	28.53 -0.06 0.00	25.40 -0.05 0.00	24.34 -0.02 0.00	23.86 -0.07 0.00	24.30 -0.12 0.00	24.89 -0.07 0.00	25.98 -0.16 0.00	29.40 -0.24 0.00	33.92 -0.24 0.00	44.93 -0.45 0.00	41.30 -0.29 0.00	34.80 -0.21 0.00	29.99 -0.30 0.00	25.90 -0.16 0.00	24.07 -0.05 0.00	21.12 -0.04 0.00
GOUDEY___7 23579	20.10 -0.04 0.00	18.85 -0.09 0.00	18.61 -0.09 0.00	17.68 -0.09 0.00	19.07 -0.06 0.00	20.09 0.02 0.00	30.32 0.15 0.00	32.85 0.07 0.00	28.53 -0.06 0.00	25.40 -0.05 0.00	24.34 -0.02 0.00	23.86 -0.07 0.00	24.30 -0.12 0.00	24.89 -0.07 0.00	25.98 -0.16 0.00	29.40 -0.24 0.00	33.92 -0.24 0.00	44.93 -0.45 0.00	41.30 -0.29 0.00	34.80 -0.21 0.00	29.99 -0.30 0.00	25.90 -0.16 0.00	24.07 -0.05 0.00	21.12 -0.04 0.00
GOUDEY___8 23580	20.10 -0.04 0.00	18.85 -0.09 0.00	18.61 -0.09 0.00	17.68 -0.09 0.00	19.07 -0.06 0.00	20.09 0.02 0.00	30.32 0.15 0.00	32.85 0.07 0.00	28.53 -0.06 0.00	25.40 -0.05 0.00	24.34 -0.02 0.00	23.86 -0.07 0.00	24.30 -0.12 0.00	24.89 -0.07 0.00	25.98 -0.16 0.00	29.40 -0.24 0.00	33.92 -0.24 0.00	44.93 -0.45 0.00	41.30 -0.29 0.00	34.80 -0.21 0.00	29.99 -0.30 0.00	25.90 -0.16 0.00	24.07 -0.05 0.00	21.12 -0.04 0.00
GOWANUS_GT1_1 24077	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT1_2 24078	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT1_3 24079	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT1_4 24080	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT1_5 24084	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT1_6 24111	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT1_7 24112	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT1_8 24113	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT2_1 24114	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT2_2 24115	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT2_3 24116	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00

GOWANUS_GT2_4 24117	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT2_5 24118	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT2_6 24119	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT2_7 24120	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT2_8 24121	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT3_1 24122	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT3_2 24123	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT3_3 24124	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT3_4 24125	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT3_5 24126	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT3_6 24127	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT3_7 24128	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT3_8 24129	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
GOWANUS_GT4_1 24130	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT4_2 24131	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00

GOWANUS_GT4_3 24132	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT4_4 24133	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT4_5 24134	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT4_6 24135	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT4_7 24136	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GOWANUS_GT4_8 24137	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GREENBSH_115KV_TB3 55895	20.83 0.68 0.00	19.61 0.66 0.00	19.37 0.67 0.00	18.41 0.64 0.00	19.81 0.69 0.00	20.71 0.64 0.00	31.11 0.94 0.00	33.87 1.08 0.00	29.68 1.09 0.00	26.39 0.94 0.00	25.27 0.90 0.00	24.82 0.89 0.00	25.37 0.95 0.00	25.92 0.95 0.00	27.13 0.99 0.00	30.80 1.16 0.00	35.49 1.33 0.00	47.25 1.86 0.00	43.29 1.71 0.00	36.44 1.44 0.00	31.57 1.27 0.00	27.07 1.02 0.00	25.01 0.89 0.00	21.88 0.72 0.00
GREENIDGE_115KV_TB5 80291	19.66 -0.48 0.00	18.38 -0.57 0.00	18.16 -0.54 0.00	17.27 -0.50 0.00	18.65 -0.48 0.00	19.70 -0.36 0.00	29.90 -0.27 0.00	32.39 -0.39 0.00	27.96 -0.63 0.00	24.86 -0.59 0.00	23.81 -0.56 0.00	23.36 -0.57 0.00	23.74 -0.68 0.00	24.40 -0.57 0.00	25.38 -0.76 0.00	28.75 -0.89 0.00	33.16 -0.99 0.00	43.43 -1.95 0.00	39.97 -1.62 0.00	33.61 -1.40 0.00	29.08 -1.21 0.00	25.22 -0.83 0.00	23.47 -0.65 0.00	20.61 -0.55 0.00
GREENIDGE___3 23582	19.66 -0.48 0.00	18.38 -0.57 0.00	18.16 -0.54 0.00	17.27 -0.50 0.00	18.65 -0.48 0.00	19.70 -0.36 0.00	29.90 -0.27 0.00	32.39 -0.39 0.00	27.96 -0.63 0.00	24.86 -0.59 0.00	23.81 -0.56 0.00	23.36 -0.57 0.00	23.74 -0.68 0.00	24.40 -0.57 0.00	25.38 -0.76 0.00	28.75 -0.89 0.00	33.16 -0.99 0.00	43.43 -1.95 0.00	39.97 -1.62 0.00	33.61 -1.40 0.00	29.08 -1.21 0.00	25.22 -0.83 0.00	23.47 -0.65 0.00	20.61 -0.55 0.00
GREENIDGE___4 23583	19.68 -0.46 0.00	18.44 -0.51 0.00	18.16 -0.54 0.00	17.27 -0.50 0.00	18.65 -0.48 0.00	19.70 -0.36 0.00	29.90 -0.27 0.00	32.42 -0.36 0.00	27.99 -0.60 0.00	24.86 -0.58 0.00	23.81 -0.56 0.00	23.36 -0.57 0.00	23.74 -0.68 0.00	24.37 -0.60 0.00	25.41 -0.73 0.00	28.75 -0.89 0.00	32.89 -1.26 0.00	43.48 -1.90 0.00	39.97 -1.62 0.00	33.64 -1.37 0.00	29.08 -1.21 0.00	25.20 -0.86 0.00	23.47 -0.65 0.00	20.63 -0.53 0.00
GREENLWN_69_KV_BK 3 55738	21.83 1.69 0.00	20.33 1.38 0.00	20.06 1.37 0.00	18.98 1.21 0.00	20.44 1.32 0.00	21.71 1.65 0.00	31.20 1.03 0.00	34.19 1.41 0.00	30.36 1.77 0.00	27.71 2.26 0.00	26.58 2.22 0.00	26.37 2.44 0.00	26.89 2.47 0.00	27.22 2.25 0.00	28.28 2.14 0.00	31.72 2.07 0.00	36.79 2.63 0.00	49.15 3.77 0.00	44.54 2.95 0.00	37.57 2.56 0.00	32.60 2.30 0.00	28.32 2.27 0.00	26.24 2.12 0.00	22.81 1.65 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00
GRISSOM___SOLAR 323813	21.49 1.35 0.00	20.22 1.27 0.00	19.90 1.20 0.00	18.91 1.14 0.00	20.39 1.26 0.00	21.37 1.30 0.00	32.37 2.20 0.00	35.08 2.29 0.00	30.56 1.97 0.00	26.90 1.45 0.00	25.59 1.22 0.00	24.91 0.98 0.00	25.47 1.05 0.00	26.09 1.12 0.00	27.42 1.28 0.00	31.54 1.90 0.00	36.44 2.29 0.00	48.83 3.45 0.00	44.75 3.16 0.00	37.60 2.59 0.00	32.44 2.15 0.00	27.88 1.82 0.00	25.71 1.59 0.00	22.50 1.33 0.00
GROVEVILLE___HYD 323602	21.33 1.19 0.00	20.04 1.10 0.00	19.78 1.08 0.00	18.80 1.03 0.00	20.27 1.15 0.00	21.27 1.20 0.00	31.95 1.78 0.00	34.85 2.07 0.00	30.68 2.09 0.00	27.33 1.88 0.00	26.17 1.80 0.00	25.65 1.72 0.00	26.28 1.86 0.00	26.79 1.82 0.00	28.10 1.96 0.00	31.84 2.19 0.00	36.79 2.63 0.00	48.88 3.49 0.00	44.75 3.16 0.00	37.67 2.66 0.00	32.66 2.36 0.00	28.01 1.95 0.00	25.83 1.71 0.00	22.50 1.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.98 -0.16 0.00	18.74 -0.21 0.00	18.49 -0.21 0.00	17.59 -0.18 0.00	18.93 -0.19 0.00	19.88 -0.18 0.00	29.93 -0.24 0.00	32.42 -0.36 0.00	28.19 -0.40 0.00	25.07 -0.38 0.00	24.03 -0.34 0.00	23.60 -0.34 0.00	24.06 -0.37 0.00	24.62 -0.35 0.00	25.75 -0.39 0.00	29.23 -0.41 0.00	33.68 -0.48 0.00	44.70 -0.68 0.00	40.97 -0.62 0.00	34.45 -0.56 0.00	29.75 -0.55 0.00	25.64 -0.42 0.00	23.78 -0.34 0.00	20.93 -0.23 0.00

HAMLTNNY_34_KV_TB 80303	19.96 -0.18 0.00	18.72 -0.23 0.00	18.48 -0.22 0.00	17.57 -0.20 0.00	18.91 -0.21 0.00	19.86 -0.20 0.00	29.93 -0.24 0.00	32.46 -0.33 0.00	28.19 -0.40 0.00	25.07 -0.38 0.00	24.00 -0.37 0.00	23.60 -0.34 0.00	24.03 -0.39 0.00	24.62 -0.35 0.00	25.72 -0.42 0.00	29.20 -0.44 0.00	33.64 -0.51 0.00	44.61 -0.77 0.00	40.92 -0.67 0.00	34.41 -0.60 0.00	29.69 -0.61 0.00	25.61 -0.44 0.00	23.78 -0.34 0.00	20.91 -0.25 0.00
HAMPSHIRE___PAPER_HYD 323593	17.93 0.40 2.62	19.34 0.40 0.00	19.00 0.30 0.00	18.09 0.32 0.00	19.53 0.40 0.00	20.63 0.56 0.00	31.47 1.30 0.00	34.26 1.48 0.00	29.42 0.83 0.00	25.88 0.43 0.00	24.61 0.24 0.00	24.07 0.14 0.00	24.52 0.10 0.00	24.94 -0.02 0.00	26.51 0.37 0.00	30.23 0.59 0.00	34.97 0.82 0.00	50.03 2.18 -2.47	36.96 1.91 6.54	38.66 1.61 -2.03	33.61 1.12 -2.20	29.16 0.83 -2.27	26.88 0.43 -2.33	23.78 0.25 -2.36
HARDSCRABBLE_WT_PWR 323673	20.94 0.26 -0.54	19.23 0.28 0.00	18.98 0.28 0.00	18.05 0.28 0.00	19.43 0.31 0.00	20.41 0.34 0.00	30.74 0.57 0.00	33.38 0.59 0.00	29.13 0.54 0.00	25.93 0.48 0.00	24.85 0.49 0.00	24.38 0.45 0.00	24.88 0.46 0.00	25.39 0.42 0.00	26.64 0.50 0.00	30.18 0.53 0.00	34.63 0.48 0.00	45.97 0.59 0.00	43.31 0.37 -1.35	36.52 0.28 -1.23	31.54 0.18 -1.06	27.18 0.21 -0.91	25.08 0.12 -0.84	22.01 0.11 -0.74
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.19 1.05 0.00	19.91 0.97 0.00	19.65 0.95 0.00	18.66 0.89 0.00	20.12 0.99 0.00	21.15 1.08 0.00	31.77 1.60 0.00	34.65 1.87 0.00	30.48 1.89 0.00	27.18 1.73 0.00	26.05 1.68 0.00	25.56 1.63 0.00	26.16 1.73 0.00	26.69 1.72 0.00	27.92 1.78 0.00	31.60 1.96 0.00	36.55 2.39 0.00	48.56 3.18 0.00	44.50 2.91 0.00	37.46 2.45 0.00	32.44 2.15 0.00	27.86 1.80 0.00	25.71 1.59 0.00	22.37 1.21 0.00
HARSNRAD_115KV_TB1 81005	18.75 -1.39 0.00	17.47 -1.48 0.00	17.30 -1.40 0.00	16.44 -1.33 0.00	17.77 -1.36 0.00	18.84 -1.22 0.00	28.39 -1.78 0.00	30.26 -2.52 0.00	26.19 -2.40 0.00	23.39 -2.06 0.00	22.49 -1.88 0.00	22.04 -1.89 0.00	22.32 -2.10 0.00	23.10 -1.87 0.00	23.84 -2.30 0.00	26.83 -2.82 0.00	30.71 -3.45 0.00	39.84 -5.54 0.00	36.97 -4.62 0.00	31.23 -3.78 0.00	26.90 -3.39 0.00	23.63 -2.42 0.00	22.22 -1.91 0.00	19.81 -1.35 0.00
HARZA MOOSE___RIVER 24016	20.19 0.42 0.38	19.36 0.42 0.00	19.05 0.36 0.00	18.12 0.36 0.00	19.54 0.42 0.00	20.57 0.50 0.00	31.17 1.00 0.00	33.96 1.18 0.00	29.39 0.80 0.00	26.01 0.56 0.00	24.83 0.46 0.00	24.29 0.36 0.00	24.79 0.37 0.00	25.27 0.30 0.00	26.72 0.58 0.00	30.38 0.74 0.00	35.08 0.92 0.00	47.84 1.77 -0.69	42.14 1.50 0.95	37.63 1.26 -1.36	32.50 0.91 -1.30	28.01 0.73 -1.22	25.80 0.48 -1.19	22.66 0.36 -1.14
HDSNBRDG_115KV_BRDG_TB1 355580	19.86 -0.28 0.00	18.64 -0.30 0.00	18.40 -0.30 0.00	17.48 -0.28 0.00	18.82 -0.31 0.00	19.76 -0.30 0.00	29.75 -0.42 0.00	32.23 -0.56 0.00	28.02 -0.57 0.00	24.94 -0.51 0.00	23.88 -0.49 0.00	23.45 -0.48 0.00	23.91 -0.51 0.00	24.47 -0.50 0.00	25.59 -0.55 0.00	29.05 -0.59 0.00	33.47 -0.68 0.00	44.39 -1.00 0.00	40.72 -0.87 0.00	34.24 -0.77 0.00	29.57 -0.73 0.00	25.48 -0.57 0.00	23.64 -0.48 0.00	20.82 -0.34 0.00
HELLGATE_13_KV_LD 55870	21.55 1.41 0.00	20.20 1.25 0.00	19.95 1.25 0.00	18.94 1.17 0.00	20.41 1.28 0.00	21.41 1.34 0.00	32.13 1.96 0.00	35.11 2.33 0.00	31.02 2.43 0.00	27.76 2.32 0.00	26.61 2.24 0.00	26.23 2.30 0.00	26.86 2.44 0.00	27.44 2.47 0.00	28.71 2.56 -0.01	32.44 2.79 -0.01	37.23 3.07 0.00	49.29 3.90 0.00	45.00 3.41 0.00	38.02 3.01 0.00	33.23 2.94 0.00	28.43 2.37 0.00	26.29 2.17 0.00	22.83 1.67 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.55 1.41 0.00	20.20 1.25 0.00	19.95 1.25 0.00	18.94 1.17 0.00	20.41 1.28 0.00	21.41 1.34 0.00	32.13 1.96 0.00	35.11 2.33 0.00	31.02 2.43 0.00	27.76 2.32 0.00	26.61 2.24 0.00	26.23 2.30 0.00	26.86 2.44 0.00	27.44 2.47 0.00	28.71 2.56 -0.01	32.44 2.79 -0.01	37.23 3.07 0.00	49.29 3.90 0.00	45.00 3.41 0.00	38.02 3.01 0.00	33.23 2.94 0.00	28.43 2.37 0.00	26.29 2.17 0.00	22.83 1.67 0.00
HEMPSTEAD____ 23647	21.65 1.51 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.57 1.51 0.00	31.56 1.39 0.00	34.55 1.77 0.00	30.56 1.97 0.00	27.61 2.16 0.00	26.54 2.17 0.00	26.25 2.32 0.00	26.72 2.29 0.00	27.34 2.37 0.00	28.34 2.20 0.00	31.92 2.28 0.00	36.99 2.83 0.00	49.61 4.22 0.00	44.87 3.28 0.00	37.71 2.70 0.00	32.81 2.51 0.00	28.48 2.42 0.00	26.32 2.19 0.00	22.90 1.74 0.00
HEWLETT_69_KV_BK3 55828	21.91 1.77 0.00	20.42 1.48 0.00	20.14 1.44 0.00	19.06 1.30 0.00	20.56 1.43 0.00	21.77 1.71 0.00	31.80 1.63 0.00	34.82 2.03 0.00	30.85 2.26 0.00	27.87 2.42 0.00	26.80 2.44 0.00	26.54 2.61 0.00	27.11 2.69 0.00	27.52 2.55 0.00	28.68 2.54 0.00	32.22 2.58 0.00	37.33 3.18 0.00	49.83 4.45 0.00	45.25 3.66 0.00	38.16 3.15 0.00	33.08 2.79 0.00	28.72 2.66 0.00	26.44 2.32 0.00	22.94 1.78 0.00
HICKLING___1 23621	19.72 -0.42 0.00	18.43 -0.51 0.00	18.19 -0.50 0.00	17.32 -0.44 0.00	18.70 -0.42 0.00	19.78 -0.28 0.00	29.99 -0.18 0.00	32.42 -0.36 0.00	28.02 -0.57 0.00	24.94 -0.51 0.00	23.95 -0.41 0.00	23.48 -0.45 0.00	23.84 -0.59 0.00	24.49 -0.47 0.00	25.43 -0.71 0.00	28.72 -0.92 0.00	33.13 -1.02 0.00	43.66 -1.72 0.00	40.26 -1.33 0.00	33.92 -1.09 0.00	29.11 -1.18 0.00	25.30 -0.76 0.00	23.59 -0.53 0.00	20.70 -0.47 0.00
HICKLING___2 23622	19.72 -0.42 0.00	18.43 -0.51 0.00	18.19 -0.50 0.00	17.32 -0.44 0.00	18.70 -0.42 0.00	19.78 -0.28 0.00	29.99 -0.18 0.00	32.42 -0.36 0.00	28.02 -0.57 0.00	24.94 -0.51 0.00	23.95 -0.41 0.00	23.48 -0.45 0.00	23.84 -0.59 0.00	24.49 -0.47 0.00	25.43 -0.71 0.00	28.72 -0.92 0.00	33.13 -1.02 0.00	43.66 -1.72 0.00	40.26 -1.33 0.00	33.92 -1.09 0.00	29.11 -1.18 0.00	25.30 -0.76 0.00	23.59 -0.53 0.00	20.70 -0.47 0.00
HIGH FALLS___HY 23754	21.15 1.01 0.00	19.89 0.95 0.00	19.63 0.93 0.00	18.64 0.87 0.00	20.10 0.98 0.00	21.15 1.08 0.00	31.77 1.60 0.00	34.69 1.90 0.00	30.50 1.92 0.00	27.15 1.71 0.00	25.98 1.61 0.00	25.49 1.56 0.00	26.11 1.69 0.00	26.62 1.65 0.00	27.89 1.75 0.00	31.57 1.93 0.00	36.55 2.39 0.00	48.56 3.18 0.00	44.46 2.87 0.00	37.43 2.42 0.00	32.44 2.15 0.00	27.83 1.77 0.00	25.66 1.54 0.00	22.35 1.19 0.00
HIGH_RIVER___SOLAR 323847	21.13 0.99 0.00	19.87 0.93 0.00	19.60 0.90 0.00	18.62 0.85 0.00	20.04 0.92 0.00	20.99 0.92 0.00	31.68 1.51 0.00	34.36 1.57 0.00	29.96 1.37 0.00	26.49 1.04 0.00	25.20 0.83 0.00	24.60 0.67 0.00	25.13 0.71 0.00	25.77 0.80 0.00	27.03 0.89 0.00	31.01 1.36 0.00	35.86 1.71 0.00	47.88 2.49 0.00	43.87 2.29 0.00	36.90 1.89 0.00	31.90 1.60 0.00	27.39 1.33 0.00	25.30 1.18 0.00	22.20 1.04 0.00

HILLBURN___GT 23639	21.21 1.07 0.00	19.95 1.00 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.14 1.01 0.00	21.17 1.10 0.00	31.80 1.63 0.00	34.69 1.90 0.00	30.56 1.97 0.00	27.28 1.83 0.00	26.15 1.78 0.00	25.70 1.77 0.00	26.28 1.86 0.00	26.84 1.87 0.00	28.02 1.88 0.00	31.72 2.07 0.00	36.62 2.46 0.00	48.74 3.36 0.00	44.59 3.00 0.00	37.53 2.52 0.00	32.57 2.27 0.00	27.96 1.90 0.00	25.83 1.71 0.00	22.58 1.42 0.00
HILLSIDE_115KV_TB1 80332	19.60 -0.54 0.00	18.36 -0.59 0.00	18.10 -0.60 0.00	17.23 -0.53 0.00	18.61 -0.52 0.00	19.68 -0.38 0.00	29.78 -0.39 0.00	32.19 -0.59 0.00	27.87 -0.71 0.00	24.79 -0.66 0.00	23.81 -0.56 0.00	23.33 -0.60 0.00	23.69 -0.73 0.00	24.35 -0.62 0.00	25.28 -0.86 0.00	28.52 -1.13 0.00	32.89 -1.26 0.00	43.39 -2.00 0.00	40.05 -1.54 0.00	33.78 -1.23 0.00	28.99 -1.30 0.00	25.20 -0.86 0.00	23.47 -0.65 0.00	20.59 -0.57 0.00
HISHELDN_WT_PWR 323625	18.87 -1.27 0.00	17.69 -1.25 0.00	17.41 -1.29 0.00	16.56 -1.21 0.00	17.90 -1.22 0.00	18.96 -1.10 0.00	28.63 -1.54 0.00	30.78 -2.00 0.00	26.56 -2.03 0.00	23.69 -1.76 0.00	22.81 -1.56 0.00	22.35 -1.58 0.00	22.69 -1.73 0.00	23.35 -1.62 0.00	24.26 -1.88 0.00	27.27 -2.37 0.00	31.36 -2.80 0.00	40.84 -4.54 0.00	37.76 -3.83 0.00	31.93 -3.08 0.00	27.33 -2.97 0.00	23.89 -2.16 0.00	22.38 -1.74 0.00	19.87 -1.29 0.00
HOLTSVILLE_IC_1 23690	21.91 1.77 0.00	20.46 1.52 0.00	20.18 1.48 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.85 1.79 0.00	31.32 1.15 0.00	34.33 1.54 0.00	30.45 1.86 0.00	27.64 2.19 0.00	26.56 2.19 0.00	26.37 2.44 0.00	26.74 2.32 0.00	27.44 2.47 0.00	28.28 2.14 0.00	31.89 2.25 0.00	37.06 2.90 0.00	50.02 4.63 0.00	44.84 3.25 0.00	37.64 2.63 0.00	32.84 2.54 0.00	28.74 2.68 0.00	26.46 2.34 0.00	22.98 1.82 0.00
HOLTSVILLE_IC_10 23699	22.01 1.87 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.95 1.89 0.00	31.47 1.30 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.74 2.29 0.00	26.68 2.32 0.00	26.52 2.59 0.00	26.86 2.44 0.00	27.57 2.60 0.00	28.41 2.27 0.00	32.07 2.43 0.00	37.26 3.11 0.00	50.38 4.99 0.00	45.08 3.49 0.00	37.88 2.87 0.00	33.02 2.73 0.00	28.90 2.84 0.00	26.56 2.44 0.00	23.05 1.88 0.00
HOLTSVILLE_IC_2 23691	21.91 1.77 0.00	20.46 1.52 0.00	20.18 1.48 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.85 1.79 0.00	31.32 1.15 0.00	34.33 1.54 0.00	30.45 1.86 0.00	27.64 2.19 0.00	26.56 2.19 0.00	26.37 2.44 0.00	26.74 2.32 0.00	27.44 2.47 0.00	28.28 2.14 0.00	31.89 2.25 0.00	37.06 2.90 0.00	50.02 4.63 0.00	44.84 3.25 0.00	37.64 2.63 0.00	32.84 2.54 0.00	28.74 2.68 0.00	26.46 2.34 0.00	22.98 1.82 0.00
HOLTSVILLE_IC_3 23692	21.91 1.77 0.00	20.46 1.52 0.00	20.18 1.48 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.85 1.79 0.00	31.32 1.15 0.00	34.33 1.54 0.00	30.45 1.86 0.00	27.64 2.19 0.00	26.56 2.19 0.00	26.37 2.44 0.00	26.74 2.32 0.00	27.44 2.47 0.00	28.28 2.14 0.00	31.89 2.25 0.00	37.06 2.90 0.00	50.02 4.63 0.00	44.84 3.25 0.00	37.64 2.63 0.00	32.84 2.54 0.00	28.74 2.68 0.00	26.46 2.34 0.00	22.98 1.82 0.00
HOLTSVILLE_IC_4 23693	21.91 1.77 0.00	20.46 1.52 0.00	20.18 1.48 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.85 1.79 0.00	31.32 1.15 0.00	34.33 1.54 0.00	30.45 1.86 0.00	27.64 2.19 0.00	26.56 2.19 0.00	26.37 2.44 0.00	26.74 2.32 0.00	27.44 2.47 0.00	28.28 2.14 0.00	31.89 2.25 0.00	37.06 2.90 0.00	50.02 4.63 0.00	44.84 3.25 0.00	37.64 2.63 0.00	32.84 2.54 0.00	28.74 2.68 0.00	26.46 2.34 0.00	22.98 1.82 0.00
HOLTSVILLE_IC_5 23694	21.91 1.77 0.00	20.46 1.52 0.00	20.18 1.48 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.85 1.79 0.00	31.32 1.15 0.00	34.33 1.54 0.00	30.45 1.86 0.00	27.64 2.19 0.00	26.56 2.19 0.00	26.37 2.44 0.00	26.74 2.32 0.00	27.44 2.47 0.00	28.28 2.14 0.00	31.89 2.25 0.00	37.06 2.90 0.00	50.02 4.63 0.00	44.84 3.25 0.00	37.64 2.63 0.00	32.84 2.54 0.00	28.74 2.68 0.00	26.46 2.34 0.00	22.98 1.82 0.00
HOLTSVILLE_IC_6 23695	22.01 1.87 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.95 1.89 0.00	31.47 1.30 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.74 2.29 0.00	26.68 2.32 0.00	26.52 2.59 0.00	26.86 2.44 0.00	27.57 2.60 0.00	28.41 2.27 0.00	32.07 2.43 0.00	37.26 3.11 0.00	50.38 4.99 0.00	45.08 3.49 0.00	37.88 2.87 0.00	33.02 2.73 0.00	28.90 2.84 0.00	26.56 2.44 0.00	23.05 1.88 0.00
HOLTSVILLE_IC_7 23696	22.01 1.87 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.95 1.89 0.00	31.47 1.30 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.74 2.29 0.00	26.68 2.32 0.00	26.52 2.59 0.00	26.86 2.44 0.00	27.57 2.60 0.00	28.41 2.27 0.00	32.07 2.43 0.00	37.26 3.11 0.00	50.38 4.99 0.00	45.08 3.49 0.00	37.88 2.87 0.00	33.02 2.73 0.00	28.90 2.84 0.00	26.56 2.44 0.00	23.05 1.88 0.00
HOLTSVILLE_IC_8 23697	22.01 1.87 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.95 1.89 0.00	31.47 1.30 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.74 2.29 0.00	26.68 2.32 0.00	26.52 2.59 0.00	26.86 2.44 0.00	27.57 2.60 0.00	28.41 2.27 0.00	32.07 2.43 0.00	37.26 3.11 0.00	50.38 4.99 0.00	45.08 3.49 0.00	37.88 2.87 0.00	33.02 2.73 0.00	28.90 2.84 0.00	26.56 2.44 0.00	23.05 1.88 0.00
HOLTSVILLE_IC_9 23698	22.01 1.87 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.95 1.89 0.00	31.47 1.30 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.74 2.29 0.00	26.68 2.32 0.00	26.52 2.59 0.00	26.86 2.44 0.00	27.57 2.60 0.00	28.41 2.27 0.00	32.07 2.43 0.00	37.26 3.11 0.00	50.38 4.99 0.00	45.08 3.49 0.00	37.88 2.87 0.00	33.02 2.73 0.00	28.90 2.84 0.00	26.56 2.44 0.00	23.05 1.88 0.00
HOMER_HL_115KV_TB2 355744	19.48 -0.66 0.00	18.21 -0.74 0.00	17.97 -0.73 0.00	17.11 -0.66 0.00	18.53 -0.59 0.00	19.70 -0.36 0.00	29.93 -0.24 0.00	32.23 -0.56 0.00	27.76 -0.83 0.00	24.71 -0.74 0.00	23.78 -0.58 0.00	23.69 -0.24 0.00	23.57 -0.85 0.00	24.30 -0.67 0.00	25.02 -1.12 0.00	28.10 -1.54 0.00	32.45 -1.71 0.00	42.57 -2.81 0.00	39.55 -2.04 0.00	33.40 -1.61 0.00	28.54 -1.76 0.00	24.96 -1.09 0.00	23.37 -0.75 0.00	20.57 -0.59 0.00
HOWARD_WT_PWR 323690	18.85 -1.29 0.00	17.64 -1.31 0.00	17.48 -1.22 0.00	16.59 -1.17 0.00	17.94 -1.19 0.00	18.94 -1.12 0.00	28.78 -1.39 0.00	31.38 -1.41 0.00	27.13 -1.46 0.00	24.23 -1.22 0.00	23.32 -1.05 0.00	22.85 -1.08 0.00	23.23 -1.20 0.00	23.87 -1.10 0.00	24.86 -1.28 0.00	28.04 -1.60 0.00	32.24 -1.91 0.00	42.16 -3.22 0.00	38.51 -3.08 0.00	32.38 -2.63 0.00	27.66 -2.64 0.00	24.05 -2.01 0.00	22.24 -1.88 0.00	19.60 -1.57 0.00

HQ_GEN_CEDARS 23644	16.58 0.46 4.02	19.42 0.47 0.00	19.07 0.37 0.00	18.16 0.39 0.00	19.62 0.50 0.00	20.75 0.68 0.00	31.74 1.57 0.00	34.59 1.80 0.00	29.59 1.00 0.00	25.98 0.53 0.00	24.66 0.29 0.00	24.12 0.19 0.00	24.54 0.12 0.00	24.97 0.00 0.00	26.56 0.42 0.00	30.35 0.71 0.00	35.18 1.02 0.00	51.61 2.59 -3.63	33.86 2.33 10.06	39.58 1.96 -2.61	34.59 1.39 -2.91	30.16 1.04 -3.06	27.82 0.53 -3.17	24.75 0.34 -3.24
HQ_GEN_CEDARS_PROXY 323590	16.58 0.46 4.02	19.42 0.47 0.00	19.07 0.37 0.00	18.15 0.39 0.00	19.62 0.50 0.00	20.75 0.68 0.00	31.74 1.57 0.00	34.62 1.83 0.00	29.59 1.00 0.00	25.98 0.54 0.00	24.66 0.29 0.00	24.12 0.19 0.00	24.54 0.12 0.00	24.97 0.00 0.00	26.56 0.42 0.00	30.35 0.71 0.00	35.14 0.99 0.00	51.27 2.59 -3.30	34.19 2.33 9.72	39.58 1.96 -2.61	34.59 1.39 -2.91	30.16 1.04 -3.06	27.82 0.53 -3.17	24.73 0.32 -3.24
HQ_GEN_IMPORT 323601	16.92 -0.24 2.98	18.74 -0.21 0.00	18.49 -0.21 0.00	17.57 -0.20 0.00	18.91 -0.21 0.00	19.85 -0.22 0.00	29.87 -0.30 0.00	32.49 -0.30 0.00	28.25 -0.34 0.00	25.14 -0.30 0.00	24.07 -0.29 0.00	23.64 -0.29 0.00	24.10 -0.32 0.00	24.64 -0.33 0.00	25.83 -0.31 0.00	29.29 -0.35 0.00	33.74 -0.41 0.00	44.33 -0.50 0.56	34.02 -0.46 7.12	27.11 -0.38 7.51	23.44 -0.33 6.52	20.14 -0.29 5.63	18.63 -0.26 5.22	16.30 -0.25 4.61
HQ_GEN_WHEEL 23651	16.92 -0.24 2.98	18.74 -0.21 0.00	18.49 -0.21 0.00	17.57 -0.20 0.00	18.91 -0.21 0.00	19.85 -0.22 0.00	29.87 -0.30 0.00	32.49 -0.30 0.00	28.25 -0.34 0.00	25.14 -0.30 0.00	24.07 -0.29 0.00	23.64 -0.29 0.00	24.10 -0.32 0.00	24.64 -0.33 0.00	25.83 -0.31 0.00	29.29 -0.35 0.00	33.74 -0.41 0.00	44.33 -0.50 0.56	34.02 -0.46 7.12	27.11 -0.38 7.51	23.44 -0.33 6.52	20.14 -0.29 5.63	18.63 -0.26 5.22	16.30 -0.25 4.61
HUDSON AVE_GT_3 23810	21.47 1.33 0.00	20.14 1.19 0.00	19.90 1.20 0.00	18.89 1.12 0.00	20.35 1.22 0.00	21.37 1.30 0.00	32.10 1.93 0.00	35.11 2.33 0.00	30.99 2.40 0.00	27.71 2.26 0.00	26.56 2.19 0.00	26.16 2.23 0.00	26.79 2.37 0.00	27.34 2.37 0.00	28.62 2.48 0.00	32.34 2.70 0.00	37.23 3.07 0.00	49.33 3.95 0.00	45.12 3.54 0.00	38.09 3.08 0.00	33.14 2.85 0.00	28.38 2.32 0.00	26.22 2.10 0.00	22.79 1.63 0.00
HUDSON AVE_GT_4 23540	21.47 1.33 0.00	20.14 1.19 0.00	19.90 1.20 0.00	18.89 1.12 0.00	20.35 1.22 0.00	21.37 1.30 0.00	32.10 1.93 0.00	35.11 2.33 0.00	30.99 2.40 0.00	27.71 2.26 0.00	26.56 2.19 0.00	26.16 2.23 0.00	26.79 2.37 0.00	27.34 2.37 0.00	28.62 2.48 0.00	32.34 2.70 0.00	37.23 3.07 0.00	49.33 3.95 0.00	45.12 3.54 0.00	38.09 3.08 0.00	33.14 2.85 0.00	28.38 2.32 0.00	26.22 2.10 0.00	22.79 1.63 0.00
HUDSON AVE_GT_5 23657	21.47 1.33 0.00	20.14 1.19 0.00	19.90 1.20 0.00	18.89 1.12 0.00	20.35 1.22 0.00	21.37 1.30 0.00	32.10 1.93 0.00	35.11 2.33 0.00	30.99 2.40 0.00	27.71 2.26 0.00	26.56 2.19 0.00	26.16 2.23 0.00	26.79 2.37 0.00	27.34 2.37 0.00	28.62 2.48 0.00	32.34 2.70 0.00	37.23 3.07 0.00	49.33 3.95 0.00	45.12 3.54 0.00	38.09 3.08 0.00	33.14 2.85 0.00	28.38 2.32 0.00	26.22 2.10 0.00	22.79 1.63 0.00
HUDSON_AVE_10 24168	21.41 1.27 0.00	20.08 1.14 0.00	19.84 1.14 0.00	18.83 1.07 0.00	20.29 1.17 0.00	21.31 1.24 0.00	32.01 1.84 0.00	35.05 2.26 0.00	30.96 2.37 0.00	27.69 2.24 0.00	26.51 2.14 0.00	26.13 2.20 0.00	26.74 2.32 0.00	27.32 2.35 0.00	28.57 2.43 0.00	32.28 2.64 0.00	37.16 3.01 0.00	49.24 3.86 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.08 2.79 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.73 1.57 0.00
HUDSON___115KV_TB 4 355613	21.11 0.97 0.00	19.89 0.95 0.00	19.62 0.92 0.00	18.64 0.87 0.00	20.08 0.96 0.00	21.01 0.94 0.00	31.62 1.45 0.00	34.36 1.57 0.00	30.05 1.46 0.00	26.59 1.15 0.00	25.39 1.02 0.00	24.84 0.91 0.00	25.42 1.00 0.00	25.97 1.00 0.00	27.24 1.10 0.00	31.01 1.36 0.00	35.86 1.71 0.00	47.93 2.54 0.00	43.96 2.37 0.00	36.94 1.93 0.00	31.93 1.64 0.00	27.39 1.33 0.00	25.25 1.13 0.00	22.09 0.93 0.00
HUNTER MOUNT___DRP 323613	21.17 1.03 0.00	19.95 1.00 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.14 1.01 0.00	21.05 0.98 0.00	31.74 1.57 0.00	34.42 1.64 0.00	30.08 1.49 0.00	26.54 1.09 0.00	25.32 0.95 0.00	24.72 0.79 0.00	25.33 0.90 0.00	25.87 0.90 0.00	27.16 1.02 0.00	30.98 1.33 0.00	35.90 1.74 0.00	48.02 2.63 0.00	44.04 2.45 0.00	36.97 1.96 0.00	31.93 1.64 0.00	27.36 1.30 0.00	25.23 1.11 0.00	22.07 0.91 0.00
HUNTINGTON_RES_REC 323705	21.87 1.73 0.00	20.40 1.46 0.00	20.12 1.42 0.00	19.03 1.26 0.00	20.50 1.38 0.00	21.79 1.73 0.00	31.26 1.08 0.00	34.26 1.48 0.00	30.42 1.83 0.00	27.69 2.24 0.00	26.61 2.24 0.00	26.42 2.49 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.23 2.09 0.00	31.84 2.19 0.00	36.99 2.83 0.00	49.88 4.49 0.00	44.84 3.25 0.00	37.64 2.63 0.00	32.78 2.48 0.00	28.58 2.53 0.00	26.46 2.34 0.00	22.98 1.82 0.00
HUNTLEY___63 23557	18.93 -1.21 0.00	17.64 -1.31 0.00	17.47 -1.23 0.00	16.60 -1.17 0.00	17.94 -1.19 0.00	19.02 -1.04 0.00	28.69 -1.48 0.00	30.62 -2.16 0.00	26.50 -2.09 0.00	23.64 -1.81 0.00	22.78 -1.58 0.00	22.33 -1.60 0.00	22.61 -1.81 0.00	23.37 -1.60 0.00	24.15 -1.99 0.00	27.15 -2.49 0.00	31.08 -3.07 0.00	40.34 -5.04 0.01	37.43 -4.16 0.00	31.61 -3.40 0.00	27.20 -3.09 0.00	23.87 -2.19 0.00	22.46 -1.66 0.00	20.00 -1.16 0.00
HUNTLEY___64 23558	18.93 -1.21 0.00	17.64 -1.31 0.00	17.47 -1.23 0.00	16.60 -1.17 0.00	17.94 -1.19 0.00	19.02 -1.04 0.00	28.69 -1.48 0.00	30.62 -2.16 0.00	26.50 -2.09 0.00	23.64 -1.81 0.00	22.78 -1.58 0.00	22.33 -1.60 0.00	22.61 -1.81 0.00	23.37 -1.60 0.00	24.15 -1.99 0.00	27.15 -2.49 0.00	31.08 -3.07 0.00	40.34 -5.04 0.01	37.43 -4.16 0.00	31.61 -3.40 0.00	27.20 -3.09 0.00	23.87 -2.19 0.00	22.46 -1.66 0.00	20.00 -1.16 0.00
HUNTLEY___65 23559	18.93 -1.21 0.00	17.64 -1.31 0.00	17.47 -1.23 0.00	16.60 -1.17 0.00	17.94 -1.19 0.00	19.02 -1.04 0.00	28.69 -1.48 0.00	30.62 -2.16 0.00	26.50 -2.09 0.00	23.64 -1.81 0.00	22.78 -1.58 0.00	22.33 -1.60 0.00	22.61 -1.81 0.00	23.37 -1.60 0.00	24.15 -1.99 0.00	27.15 -2.49 0.00	31.08 -3.07 0.00	40.34 -5.04 0.01	37.43 -4.16 0.00	31.61 -3.40 0.00	27.20 -3.09 0.00	23.87 -2.19 0.00	22.46 -1.66 0.00	20.00 -1.16 0.00
HUNTLEY___66 23560	18.93 -1.21 0.00	17.64 -1.31 0.00	17.47 -1.23 0.00	16.60 -1.17 0.00	17.94 -1.19 0.00	19.02 -1.04 0.00	28.69 -1.48 0.00	30.62 -2.16 0.00	26.50 -2.09 0.00	23.64 -1.81 0.00	22.78 -1.58 0.00	22.33 -1.60 0.00	22.61 -1.81 0.00	23.37 -1.60 0.00	24.15 -1.99 0.00	27.15 -2.49 0.00	31.08 -3.07 0.00	40.34 -5.04 0.01	37.43 -4.16 0.00	31.61 -3.40 0.00	27.20 -3.09 0.00	23.87 -2.19 0.00	22.46 -1.66 0.00	20.00 -1.16 0.00



HUNTLEY___67 23561	18.83 -1.31 0.00	17.56 -1.38 0.00	17.39 -1.31 0.00	16.52 -1.24 0.00	17.86 -1.26 0.00	18.92 -1.14 0.00	28.54 -1.63 0.00	30.46 -2.33 0.00	26.36 -2.23 0.00	23.51 -1.93 0.00	22.64 -1.73 0.00	22.21 -1.72 0.00	22.47 -1.95 0.00	23.22 -1.75 0.00	24.00 -2.14 0.00	26.97 -2.67 0.00	30.91 -3.24 0.00	40.16 -5.22 0.01	37.26 -4.33 0.00	31.47 -3.54 0.00	27.08 -3.21 0.00	23.76 -2.29 0.00	22.34 -1.78 0.00	19.89 -1.27 0.00
HUNTLEY___68 23562	18.83 -1.31 0.00	17.56 -1.38 0.00	17.39 -1.31 0.00	16.52 -1.24 0.00	17.86 -1.26 0.00	18.92 -1.14 0.00	28.54 -1.63 0.00	30.46 -2.33 0.00	26.36 -2.23 0.00	23.51 -1.93 0.00	22.64 -1.73 0.00	22.21 -1.72 0.00	22.47 -1.95 0.00	23.22 -1.75 0.00	24.00 -2.14 0.00	26.97 -2.67 0.00	30.91 -3.24 0.00	40.16 -5.22 0.01	37.26 -4.33 0.00	31.47 -3.54 0.00	27.08 -3.21 0.00	23.76 -2.29 0.00	22.34 -1.78 0.00	19.89 -1.27 0.00
HYLAND___LFGE 323620	19.84 -0.30 0.00	18.59 -0.36 0.00	18.25 -0.45 0.00	17.36 -0.41 0.00	18.74 -0.38 0.00	19.90 -0.16 0.00	30.32 0.15 0.00	32.92 0.13 0.00	28.13 -0.46 0.00	24.79 -0.66 0.00	23.69 -0.68 0.00	23.14 -0.79 0.00	23.49 -0.93 0.00	24.12 -0.85 0.00	25.17 -0.97 0.00	28.58 -1.07 0.00	33.13 -1.02 0.00	43.84 -1.54 0.00	40.59 -1.00 0.00	34.24 -0.77 0.00	29.26 -1.03 0.00	25.46 -0.60 0.00	23.76 -0.36 0.00	20.89 -0.28 0.00
INDECK___CORINTH 23802	21.67 1.53 0.00	20.40 1.46 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	20.91 0.84 0.00	31.53 1.36 0.00	34.19 1.41 0.00	29.99 1.40 0.00	26.62 1.17 0.00	25.46 1.10 0.00	24.89 0.96 0.00	25.40 0.98 0.00	25.99 1.02 0.00	27.08 0.94 0.00	30.86 1.22 0.00	35.62 1.47 0.00	47.74 2.36 0.00	43.71 2.12 0.00	36.72 1.72 0.00	31.72 1.42 0.00	27.18 1.12 0.00	25.18 1.06 0.00	22.67 1.50 0.00
INDECK___ILION 23567	20.92 0.24 -0.54	19.19 0.25 0.00	18.94 0.24 0.00	18.00 0.23 0.00	19.37 0.25 0.00	20.35 0.28 0.00	30.62 0.45 0.00	33.24 0.46 0.00	29.02 0.43 0.00	25.83 0.38 0.00	24.73 0.37 0.00	24.27 0.34 0.00	24.76 0.34 0.00	25.29 0.32 0.00	26.53 0.39 0.00	30.12 0.47 0.00	34.63 0.48 0.00	46.02 0.64 -1.35	43.44 0.50 -1.23	36.66 0.42 -1.06	31.69 0.33 -1.06	27.28 0.31 -0.91	25.20 0.24 -0.84	22.11 0.21 -0.74
INDECK___OLEAN 23982	19.52 -0.62 0.00	18.30 -0.64 0.00	17.97 -0.73 0.00	17.11 -0.66 0.00	18.53 -0.59 0.00	19.70 -0.36 0.00	29.93 -0.24 0.00	32.26 -0.53 0.00	27.79 -0.80 0.00	24.71 -0.74 0.00	23.78 -0.59 0.00	23.69 -0.24 0.00	23.59 -0.83 0.00	24.24 -0.72 0.00	25.07 -1.07 0.00	28.07 -1.57 0.00	32.48 -1.67 0.00	42.61 -2.77 0.00	39.55 -2.04 0.00	33.43 -1.57 0.00	28.54 -1.76 0.00	24.94 -1.12 0.00	23.37 -0.75 0.00	20.70 -0.47 0.00
INDECK___OSWEGO 23783	19.72 -0.42 0.00	18.53 -0.42 0.00	18.27 -0.43 0.00	17.36 -0.41 0.00	18.70 -0.42 0.00	19.60 -0.46 0.00	29.48 -0.69 0.00	31.93 -0.85 0.00	27.76 -0.83 0.00	24.69 -0.76 0.00	23.64 -0.73 0.00	23.21 -0.72 0.00	23.66 -0.76 0.00	24.22 -0.75 0.00	25.36 -0.78 0.00	28.75 -0.89 0.00	33.13 -1.02 0.00	44.19 -1.36 -0.16	40.34 -1.25 0.00	34.48 -1.05 -0.52	29.80 -0.97 -0.48	25.69 -0.81 -0.44	23.84 -0.70 -0.42	20.94 -0.61 -0.39
INDECK___YERKES 23781	18.99 -1.15 0.00	17.79 -1.16 0.00	17.48 -1.22 0.00	16.61 -1.15 0.00	17.96 -1.17 0.00	19.04 -1.02 0.00	28.72 -1.45 0.00	30.75 -2.03 0.00	26.56 -2.03 0.00	23.67 -1.78 0.00	22.81 -1.56 0.00	22.35 -1.58 0.00	22.66 -1.76 0.00	23.35 -1.62 0.00	24.23 -1.91 0.00	27.18 -2.46 0.00	31.18 -2.97 0.00	40.43 -4.95 0.01	37.47 -4.12 0.00	31.75 -3.25 0.00	27.20 -3.09 0.00	23.89 -2.16 0.00	22.46 -1.66 0.00	20.02 -1.14 0.00
INDIAN POINT_GT_1 24139	21.27 1.13 0.00	19.97 1.02 0.00	19.73 1.03 0.00	18.73 0.96 0.00	20.18 1.05 0.00	21.19 1.12 0.00	31.80 1.63 0.00	34.75 1.97 0.00	30.59 2.00 0.00	27.33 1.88 0.00	26.19 1.83 0.00	25.77 1.84 0.00	26.35 1.93 0.00	26.89 1.92 0.00	28.13 1.99 0.00	31.81 2.16 0.00	36.72 2.56 0.00	48.74 3.36 0.00	44.62 3.04 0.00	37.60 2.59 0.00	32.63 2.33 0.00	28.01 1.95 0.00	25.86 1.74 0.00	22.50 1.33 0.00
INDIAN POINT_GT_2 23659	21.27 1.13 0.00	19.97 1.02 0.00	19.73 1.03 0.00	18.73 0.96 0.00	20.18 1.05 0.00	21.19 1.12 0.00	31.80 1.63 0.00	34.75 1.97 0.00	30.59 2.00 0.00	27.33 1.88 0.00	26.19 1.83 0.00	25.77 1.84 0.00	26.35 1.93 0.00	26.89 1.92 0.00	28.13 1.99 0.00	31.81 2.16 0.00	36.72 2.56 0.00	48.74 3.36 0.00	44.62 3.04 0.00	37.60 2.59 0.00	32.63 2.33 0.00	28.01 1.95 0.00	25.86 1.74 0.00	22.50 1.33 0.00
INDIAN POINT_GT_3 24019	21.27 1.13 0.00	19.97 1.02 0.00	19.73 1.03 0.00	18.73 0.96 0.00	20.18 1.05 0.00	21.19 1.12 0.00	31.80 1.63 0.00	34.75 1.97 0.00	30.59 2.00 0.00	27.33 1.88 0.00	26.19 1.83 0.00	25.77 1.84 0.00	26.35 1.93 0.00	26.89 1.92 0.00	28.13 1.99 0.00	31.81 2.16 0.00	36.72 2.56 0.00	48.74 3.36 0.00	44.62 3.04 0.00	37.60 2.59 0.00	32.63 2.33 0.00	28.01 1.95 0.00	25.86 1.74 0.00	22.50 1.33 0.00
INDIAN POINT___2 23530	21.23 1.09 0.00	19.95 1.00 0.00	19.69 0.99 0.00	18.69 0.92 0.00	20.16 1.03 0.00	21.17 1.10 0.00	31.77 1.60 0.00	34.69 1.90 0.00	30.56 1.97 0.00	27.28 1.83 0.00	26.15 1.78 0.00	25.73 1.80 0.00	26.30 1.88 0.00	26.87 1.90 0.00	28.07 1.93 0.00	31.75 2.10 0.00	36.65 2.49 0.00	48.74 3.36 0.00	44.54 2.95 0.00	37.53 2.52 0.00	32.57 2.27 0.00	27.96 1.90 0.00	25.86 1.74 0.00	22.60 1.44 0.00
INDIAN POINT___3 23531	21.23 1.09 0.00	19.95 1.00 0.00	19.69 0.99 0.00	18.71 0.94 0.00	20.16 1.03 0.00	21.17 1.10 0.00	31.77 1.60 0.00	34.69 1.90 0.00	30.56 1.97 0.00	27.28 1.83 0.00	26.15 1.78 0.00	25.73 1.79 0.00	26.30 1.88 0.00	26.84 1.87 0.00	28.07 1.93 0.00	31.75 2.10 0.00	36.65 2.49 0.00	48.65 3.27 0.00	44.54 2.95 0.00	37.57 2.56 0.00	32.57 2.27 0.00	27.96 1.90 0.00	25.81 1.69 0.00	22.47 1.31 0.00
INGHAM_C_115KV_TB7 356103	21.02 0.34 -0.54	19.31 0.36 0.00	19.06 0.36 0.00	18.12 0.36 0.00	19.51 0.38 0.00	20.49 0.42 0.00	30.84 0.66 0.00	33.51 0.72 0.00	29.22 0.63 0.00	26.01 0.56 0.00	24.93 0.56 0.00	24.46 0.53 0.00	24.96 0.54 0.00	25.47 0.50 0.00	26.69 0.55 0.00	30.26 0.62 0.00	34.74 0.58 0.00	46.16 0.77 0.00	43.48 0.54 -1.35	36.66 0.42 -1.23	31.69 0.33 -1.06	27.31 0.34 -0.91	25.23 0.27 -0.84	22.11 0.21 -0.74
IP CORINTH___1 23988	21.67 1.53 0.00	20.40 1.46 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.01 0.94 0.00	31.71 1.54 0.00	34.39 1.61 0.00	30.16 1.57 0.00	26.75 1.30 0.00	25.59 1.22 0.00	25.01 1.08 0.00	25.52 1.10 0.00	26.09 1.12 0.00	27.24 1.10 0.00	31.01 1.36 0.00	35.79 1.64 0.00	47.97 2.59 0.00	43.92 2.33 0.00	36.94 1.93 0.00	31.87 1.58 0.00	27.31 1.25 0.00	25.30 1.18 0.00	22.60 1.44 0.00

IP___TICONDEROGA 23804	22.50 2.36 0.00	21.18 2.24 0.00	20.78 2.08 0.00	19.74 1.97 0.00	21.27 2.14 0.00	21.85 1.79 0.00	33.13 2.96 0.00	35.80 3.02 0.00	31.36 2.77 0.00	27.69 2.24 0.00	26.46 2.10 0.00	25.82 1.89 0.00	26.40 1.98 0.00	26.99 2.02 0.00	28.15 2.01 0.00	32.16 2.52 0.00	37.20 3.04 0.00	50.15 4.77 0.00	45.96 4.37 0.00	38.58 3.57 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.22 2.10 0.00	23.32 2.16 0.00
ISLIP_RES_REC 323679	22.07 1.93 0.00	20.59 1.65 0.00	20.31 1.61 0.00	19.19 1.42 0.00	20.67 1.55 0.00	22.03 1.97 0.00	31.56 1.39 0.00	34.59 1.80 0.00	30.73 2.15 0.00	27.84 2.39 0.00	26.78 2.41 0.00	26.61 2.68 0.00	26.99 2.56 0.00	27.67 2.70 0.00	28.54 2.40 0.00	32.22 2.58 0.00	37.47 3.31 0.00	50.60 5.22 0.00	45.33 3.74 0.00	38.02 3.01 0.00	33.14 2.85 0.00	29.00 2.94 0.00	26.63 2.51 0.00	23.11 1.95 0.00
JAMAICA__27_KV_LOAD 355505	21.49 1.35 0.00	20.14 1.19 0.00	19.90 1.20 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.39 1.32 0.00	32.19 2.02 0.00	35.21 2.43 0.00	31.19 2.60 0.00	27.89 2.44 0.00	26.71 2.34 0.00	26.30 2.37 0.00	26.94 2.52 0.00	27.49 2.52 0.00	28.78 2.64 0.00	32.52 2.88 0.00	37.40 3.24 0.00	49.61 4.22 0.00	45.33 3.74 0.00	38.27 3.26 0.00	33.38 3.09 0.00	28.51 2.45 0.00	26.34 2.22 0.00	22.81 1.65 0.00
JANIS___SOLAR 323808	20.64 0.50 0.00	19.38 0.44 0.00	19.07 0.37 0.00	18.16 0.39 0.00	19.58 0.46 0.00	20.67 0.60 0.00	31.38 1.21 0.00	34.03 1.25 0.00	29.33 0.74 0.00	25.93 0.48 0.00	24.73 0.37 0.00	24.19 0.26 0.00	24.64 0.22 0.00	25.19 0.22 0.00	26.61 0.47 0.00	30.38 0.74 0.00	35.15 0.99 0.00	46.97 1.59 0.00	42.96 1.37 0.00	36.13 1.12 0.00	31.02 0.73 0.00	26.73 0.68 0.00	24.70 0.58 0.00	21.61 0.45 0.00
JARVIS____ 23743	20.80 0.12 -0.54	19.06 0.11 0.00	18.81 0.11 0.00	17.88 0.11 0.00	19.24 0.12 0.00	20.19 0.12 0.00	30.35 0.18 0.00	32.95 0.16 0.00	28.76 0.17 0.00	25.60 0.15 0.00	24.51 0.15 0.00	24.07 0.14 0.00	24.57 0.15 0.00	25.12 0.15 0.00	26.32 0.18 0.00	29.85 0.21 0.00	34.40 0.24 0.00	45.71 0.32 0.00	43.23 0.29 -1.35	36.49 0.25 -1.23	31.54 0.18 -1.06	27.13 0.16 -0.91	25.11 0.15 -0.84	22.03 0.13 -0.74
JENNISON___1 23625	20.89 0.75 0.00	19.65 0.70 0.00	19.34 0.64 0.00	18.41 0.64 0.00	19.85 0.73 0.00	20.93 0.86 0.00	31.74 1.57 0.00	34.42 1.64 0.00	29.88 1.29 0.00	26.52 1.07 0.00	25.34 0.97 0.00	24.82 0.89 0.00	25.30 0.88 0.00	25.82 0.85 0.00	27.24 1.10 0.00	31.01 1.36 0.00	35.79 1.64 0.00	47.79 2.41 0.00	43.67 2.08 0.00	36.72 1.72 0.00	31.63 1.33 0.00	27.23 1.17 0.00	25.09 0.96 0.00	21.92 0.76 0.00
JENNISON___2 23626	20.89 0.75 0.00	19.65 0.70 0.00	19.34 0.64 0.00	18.41 0.64 0.00	19.85 0.73 0.00	20.93 0.86 0.00	31.74 1.57 0.00	34.42 1.64 0.00	29.88 1.29 0.00	26.52 1.07 0.00	25.34 0.97 0.00	24.82 0.89 0.00	25.30 0.88 0.00	25.82 0.85 0.00	27.24 1.10 0.00	31.01 1.36 0.00	35.79 1.64 0.00	47.79 2.41 0.00	43.67 2.08 0.00	36.72 1.72 0.00	31.63 1.33 0.00	27.23 1.17 0.00	25.09 0.96 0.00	21.92 0.76 0.00
JERICHO_RISE_WT_PWR 323719	10.57 -0.79 8.79	18.20 -0.74 0.01	17.98 -0.71 0.01	17.10 -0.66 0.01	18.45 -0.67 0.00	19.40 -0.66 0.00	29.24 -0.94 0.00	31.93 -0.85 0.00	27.55 -1.03 0.01	24.42 -1.02 0.01	23.31 -1.05 0.01	23.02 -0.91 0.00	23.42 -1.00 0.00	23.92 -1.05 0.00	25.15 -0.99 0.00	28.52 -1.13 0.00	32.89 -1.26 0.01	37.67 -1.50 6.22	18.20 -1.41 21.97	-6.36 -1.19 40.18	-6.54 -1.06 35.77	-6.63 -0.99 31.69	-6.73 -1.01 29.84	-6.79 -0.95 27.00
KATONAH__115KV_46KV_TB4 355592	21.61 1.47 0.00	20.33 1.38 0.00	20.08 1.38 0.00	19.08 1.31 0.00	20.58 1.45 0.00	21.55 1.48 0.00	32.40 2.23 0.00	35.37 2.59 0.00	31.16 2.57 0.00	27.76 2.32 0.00	26.71 2.34 0.00	26.25 2.32 0.00	26.84 2.42 0.00	27.27 2.30 0.00	28.70 2.56 0.00	32.58 2.93 0.00	37.64 3.48 0.00	50.06 4.67 0.00	45.91 4.33 0.00	38.41 3.40 0.00	33.29 3.00 0.00	28.56 2.50 0.00	26.29 2.17 0.00	22.86 1.69 0.00
KCE_NY_1 323755	21.43 1.29 0.00	20.18 1.23 0.00	19.88 1.18 0.00	18.89 1.12 0.00	20.33 1.21 0.00	21.15 1.08 0.00	31.86 1.69 0.00	34.59 1.80 0.00	30.30 1.72 0.00	26.90 1.45 0.00	25.73 1.36 0.00	25.20 1.27 0.00	25.76 1.34 0.00	26.34 1.37 0.00	27.52 1.38 0.00	31.33 1.69 0.00	36.17 2.01 0.00	48.29 2.91 0.00	44.25 2.66 0.00	37.22 2.21 0.00	32.17 1.88 0.00	27.59 1.54 0.00	25.52 1.40 0.00	22.50 1.33 0.00
KCE_NY_6_ESR 323823	19.13 -1.01 0.00	17.94 -1.00 0.00	17.61 -1.09 0.00	16.76 -1.01 0.00	18.11 -1.01 0.00	19.20 -0.86 0.00	29.06 -1.12 0.00	31.15 -1.64 0.00	26.87 -1.71 0.00	23.95 -1.50 0.00	23.08 -1.29 0.00	22.61 -1.32 0.00	22.93 -1.49 0.00	23.60 -1.37 0.00	24.49 -1.65 0.00	27.48 -2.16 0.00	31.59 -2.56 0.00	41.07 -4.31 0.01	38.01 -3.58 0.00	32.21 -2.80 0.00	27.57 -2.73 0.00	24.16 -1.90 0.00	22.70 -1.42 0.00	20.19 -0.97 0.00
KEDC_PORT_JEFF_GT2 24210	22.01 1.87 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.95 1.89 0.00	31.44 1.27 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.74 2.29 0.00	26.68 2.32 0.00	26.52 2.59 0.00	26.86 2.44 0.00	27.57 2.60 0.00	28.41 2.27 0.00	32.07 2.43 0.00	37.26 3.11 0.00	50.33 4.95 0.00	45.08 3.49 0.00	37.88 2.87 0.00	32.99 2.70 0.00	28.87 2.82 0.00	26.56 2.44 0.00	23.05 1.88 0.00
KEDC_PORT_JEFF_GT3 24211	22.01 1.87 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.95 1.89 0.00	31.44 1.27 0.00	34.46 1.67 0.00	30.59 2.00 0.00	27.74 2.29 0.00	26.68 2.32 0.00	26.52 2.59 0.00	26.86 2.44 0.00	27.57 2.60 0.00	28.41 2.27 0.00	32.07 2.43 0.00	37.26 3.11 0.00	50.33 4.95 0.00	45.08 3.49 0.00	37.88 2.87 0.00	32.99 2.70 0.00	28.87 2.82 0.00	26.56 2.44 0.00	23.05 1.88 0.00
KEDC_GLWD_GT4 24219	21.63 1.49 0.00	20.27 1.33 0.00	19.99 1.29 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.55 1.48 0.00	31.83 1.66 0.00	34.82 2.03 0.00	30.79 2.20 0.00	27.69 2.24 0.00	26.61 2.24 0.00	26.28 2.35 0.00	26.79 2.37 0.00	27.39 2.42 0.00	28.47 2.33 0.00	32.13 2.49 0.00	37.16 3.01 0.00	49.70 4.31 0.00	45.08 3.49 0.00	37.91 2.90 0.00	32.96 2.67 0.00	28.48 2.42 0.00	26.32 2.19 0.00	22.94 1.78 0.00
KEDC_GLWD_GT5 24220	21.63 1.49 0.00	20.27 1.33 0.00	19.99 1.29 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.55 1.48 0.00	31.83 1.66 0.00	34.82 2.03 0.00	30.79 2.20 0.00	27.69 2.24 0.00	26.61 2.24 0.00	26.28 2.35 0.00	26.79 2.37 0.00	27.39 2.42 0.00	28.47 2.33 0.00	32.13 2.49 0.00	37.16 3.01 0.00	49.70 4.31 0.00	45.08 3.49 0.00	37.91 2.90 0.00	32.96 2.67 0.00	28.48 2.42 0.00	26.32 2.19 0.00	22.94 1.78 0.00

KENSICO____ 23655	21.31 1.17 0.00	20.01 1.06 0.00	19.77 1.07 0.00	18.76 0.99 0.00	20.21 1.09 0.00	21.23 1.16 0.00	31.86 1.69 0.00	34.82 2.03 0.00	30.68 2.09 0.00	27.41 1.96 0.00	26.27 1.90 0.00	25.84 1.91 0.00	26.45 2.03 0.00	26.99 2.02 0.00	28.23 2.09 0.00	31.92 2.28 0.00	36.82 2.66 0.00	48.88 3.49 0.00	44.71 3.12 0.00	37.71 2.70 0.00	32.72 2.42 0.00	28.06 2.01 0.00	25.93 1.81 0.00	22.56 1.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.21 1.07 0.00	19.95 1.00 0.00	19.67 0.97 0.00	18.67 0.91 0.00	20.16 1.03 0.00	21.19 1.12 0.00	31.83 1.66 0.00	34.75 1.97 0.00	30.53 1.94 0.00	27.18 1.73 0.00	25.98 1.61 0.00	25.49 1.56 0.00	26.08 1.66 0.00	26.59 1.62 0.00	27.89 1.75 0.00	31.60 1.96 0.00	36.58 2.43 0.00	48.65 3.27 0.00	44.54 2.95 0.00	37.50 2.49 0.00	32.47 2.18 0.00	27.86 1.80 0.00	25.69 1.57 0.00	22.37 1.21 0.00
KIAC_JFK_GT1 23816	21.39 1.25 0.00	20.04 1.10 0.00	19.80 1.10 0.00	18.78 1.01 0.00	20.23 1.11 0.00	21.29 1.22 0.00	32.01 1.84 0.00	34.92 2.13 0.00	31.02 2.43 0.00	27.76 2.32 0.00	26.58 2.22 0.00	26.18 2.25 0.00	26.79 2.37 0.00	27.37 2.40 0.00	28.65 2.51 0.00	32.34 2.70 0.00	37.06 2.90 0.00	49.15 3.77 0.00	44.92 3.33 0.00	37.95 2.94 0.00	33.20 2.91 0.00	28.38 2.32 0.00	26.22 2.10 0.00	22.71 1.54 0.00
KIAC_JFK_GT2 23817	21.39 1.25 0.00	20.04 1.10 0.00	19.80 1.10 0.00	18.78 1.01 0.00	20.23 1.11 0.00	21.29 1.22 0.00	32.01 1.84 0.00	34.92 2.13 0.00	31.02 2.43 0.00	27.76 2.32 0.00	26.58 2.22 0.00	26.18 2.25 0.00	26.79 2.37 0.00	27.37 2.40 0.00	28.65 2.51 0.00	32.34 2.70 0.00	37.06 2.90 0.00	49.15 3.77 0.00	44.92 3.33 0.00	37.95 2.94 0.00	33.20 2.91 0.00	28.38 2.32 0.00	26.22 2.10 0.00	22.71 1.54 0.00
KIAC_JFK____ 323774	21.37 1.23 0.00	20.06 1.12 0.00	19.80 1.10 0.00	18.78 1.01 0.00	20.23 1.11 0.00	21.29 1.22 0.00	32.01 1.84 0.00	34.88 2.10 0.00	31.02 2.43 0.00	27.76 2.32 0.00	26.58 2.22 0.00	26.18 2.25 0.00	26.79 2.37 0.00	27.39 2.42 0.00	28.62 2.48 0.00	32.34 2.70 0.00	37.09 2.94 0.00	49.24 3.86 0.00	44.96 3.37 0.00	37.91 2.90 0.00	33.20 2.91 0.00	28.38 2.32 0.00	26.24 2.12 0.00	22.88 1.71 0.00
KINTIGH____ 23543	18.85 -1.29 0.00	17.60 -1.35 0.00	17.41 -1.29 0.00	16.54 -1.23 0.00	17.86 -1.26 0.00	18.88 -1.18 0.00	28.42 -1.75 0.00	30.39 -2.39 0.00	26.33 -2.26 0.00	23.51 -1.93 0.00	22.59 -1.78 0.00	22.16 -1.77 0.00	22.49 -1.93 0.00	23.17 -1.80 0.00	24.00 -2.14 0.00	27.06 -2.58 0.00	30.98 -3.18 0.00	40.35 -5.04 0.00	37.43 -4.16 0.00	31.58 -3.43 0.00	27.23 -3.06 0.00	23.82 -2.24 0.00	22.34 -1.78 0.00	19.87 -1.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	10.27 -0.75 9.13	18.20 -0.74 0.01	18.00 -0.69 0.01	17.10 -0.66 0.01	18.47 -0.65 0.00	19.48 -0.58 0.00	29.24 -0.94 0.00	31.96 -0.82 0.00	27.55 -1.03 0.01	24.37 -1.07 0.01	23.19 -1.17 0.01	22.97 -0.96 0.00	23.32 -1.10 0.00	23.80 -1.17 0.00	25.07 -1.07 0.00	28.43 -1.22 0.00	32.82 -1.33 0.01	37.86 -1.59 5.94	17.52 -1.25 22.82	-6.01 -0.98 40.04	-6.22 -0.91 35.60	-6.31 -0.86 31.50	-6.44 -0.92 29.64	-6.49 -0.87 26.78
LACHUTE__HYDRO 323717	22.50 2.36 0.00	21.18 2.23 0.00	20.77 2.08 0.00	19.74 1.97 0.00	21.27 2.14 0.00	21.85 1.79 0.00	33.13 2.96 0.00	35.80 3.01 0.00	31.36 2.77 0.00	27.69 2.24 0.00	26.46 2.10 0.00	25.82 1.89 0.00	26.40 1.98 0.00	26.99 2.02 0.00	28.15 2.01 0.00	32.16 2.52 0.00	37.19 3.04 0.00	50.15 4.76 0.00	45.95 4.37 0.00	38.54 3.53 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.24 2.12 0.00	23.36 2.20 0.00
LAWRNCAL_115KV_TB1 80681	16.58 0.46 4.02	19.42 0.47 0.00	19.07 0.37 0.00	18.16 0.39 0.00	19.60 0.48 0.00	20.75 0.68 0.00	31.74 1.57 0.00	34.59 1.80 0.00	29.59 1.00 0.00	25.98 0.53 0.00	24.66 0.29 0.00	24.12 0.19 0.00	24.54 0.12 0.00	24.97 0.00 0.00	26.56 0.42 0.00	30.35 0.71 0.00	35.18 1.02 0.00	51.61 2.59 -3.63	33.86 2.33 10.06	39.58 1.96 -2.61	34.59 1.39 -2.91	30.16 1.04 -3.06	27.82 0.53 -3.17	24.75 0.34 -3.24
LEDERLE____ 23769	21.29 1.15 0.00	19.99 1.04 0.00	19.73 1.03 0.00	18.73 0.96 0.00	20.19 1.07 0.00	21.23 1.16 0.00	31.86 1.69 0.00	34.82 2.03 0.00	30.65 2.06 0.00	27.36 1.91 0.00	26.22 1.85 0.00	25.77 1.84 0.00	26.35 1.93 0.00	26.89 1.92 0.00	28.13 1.99 0.00	31.81 2.16 0.00	36.75 2.60 0.00	48.79 3.40 0.00	44.71 3.12 0.00	37.67 2.66 0.00	32.66 2.36 0.00	28.01 1.95 0.00	25.88 1.76 0.00	22.52 1.35 0.00
LIGHTHSE_115KV_TB6 355974	19.69 -0.14 0.31	18.79 -0.15 0.00	18.53 -0.17 0.00	17.61 -0.16 0.00	18.97 -0.15 0.00	19.93 -0.14 0.00	30.08 -0.09 0.00	32.62 -0.16 0.00	28.27 -0.31 0.00	25.07 -0.38 0.00	24.00 -0.37 0.00	23.52 -0.41 0.00	23.98 -0.44 0.00	24.52 -0.45 0.00	25.75 -0.39 0.00	29.29 -0.36 0.00	33.68 -0.48 0.00	45.41 -0.36 -0.39	40.47 -0.33 0.78	35.24 -0.32 -0.54	30.44 -0.39 -0.54	26.24 -0.34 -0.52	24.35 -0.29 -0.52	21.46 -0.21 -0.50
LINDEN COGEN____ 23786	21.37 1.23 0.00	20.06 1.12 0.00	19.80 1.10 0.00	18.80 1.03 0.00	20.25 1.13 0.00	21.27 1.20 0.00	31.95 1.78 0.00	34.95 2.16 0.00	30.88 2.29 0.00	27.61 2.16 0.00	26.46 2.10 0.00	26.06 2.13 0.00	26.64 2.22 0.00	27.24 2.27 0.00	28.47 2.33 0.00	32.19 2.55 0.00	37.06 2.90 0.00	49.20 3.81 0.00	44.87 3.28 0.00	37.88 2.87 0.00	32.99 2.70 0.00	28.27 2.21 0.00	26.15 2.03 0.00	22.83 1.67 0.00
LINDHRST_69_KV_BK1 356055	22.05 1.91 0.00	20.52 1.57 0.00	20.23 1.53 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.91 1.85 0.00	31.65 1.48 0.00	34.72 1.93 0.00	30.79 2.20 0.00	27.87 2.42 0.00	26.80 2.44 0.00	26.61 2.68 0.00	27.18 2.76 0.00	27.52 2.55 0.00	28.68 2.54 0.00	32.16 2.52 0.00	37.33 3.18 0.00	49.92 4.54 0.00	45.21 3.62 0.00	38.16 3.15 0.00	33.05 2.76 0.00	28.85 2.79 0.00	26.51 2.39 0.00	22.98 1.82 0.00
LIPA_MISC_IPP 23656	22.07 1.93 0.00	20.50 1.55 0.00	20.21 1.51 0.00	19.12 1.35 0.00	20.58 1.45 0.00	21.93 1.87 0.00	31.38 1.21 0.00	34.39 1.61 0.00	30.53 1.94 0.00	27.64 2.19 0.00	26.58 2.22 0.00	26.42 2.49 0.00	26.96 2.54 0.00	27.29 2.32 0.00	28.44 2.30 0.00	31.95 2.31 0.00	37.20 3.04 0.00	49.88 4.49 0.00	44.79 3.20 0.00	37.95 2.94 0.00	32.93 2.64 0.00	28.77 2.71 0.00	26.24 2.12 0.00	22.77 1.61 0.00
LISF__SOLAR 323691	22.01 1.87 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.97 1.91 0.00	31.44 1.27 0.00	34.42 1.64 0.00	30.56 1.97 0.00	27.66 2.21 0.00	26.61 2.24 0.00	26.44 2.51 0.00	26.79 2.37 0.00	27.49 2.52 0.00	28.36 2.22 0.00	32.01 2.37 0.00	37.26 3.11 0.00	50.38 4.99 0.00	45.00 3.41 0.00	37.84 2.83 0.00	32.99 2.70 0.00	28.87 2.82 0.00	26.44 2.32 0.00	22.96 1.80 0.00

LITTLE FALLS___HYD 24013	21.02 0.34 -0.54	19.31 0.36 0.00	19.06 0.36 0.00	18.12 0.36 0.00	19.51 0.38 0.00	20.49 0.42 0.00	30.84 0.66 0.00	33.51 0.72 0.00	29.22 0.63 0.00	26.01 0.56 0.00	24.93 0.56 0.00	24.46 0.53 0.00	24.96 0.54 0.00	25.47 0.50 0.00	26.69 0.55 0.00	30.26 0.62 0.00	34.74 0.58 0.00	46.16 0.77 0.00	43.48 0.54 -1.35	36.66 0.42 -1.23	31.69 0.33 -1.06	27.31 0.34 -0.91	25.23 0.27 -0.84	22.11 0.21 -0.74
LITTLRIV_115KV_TB1 356100	16.94 0.83 4.02	19.76 0.81 0.00	19.39 0.69 0.00	18.46 0.69 0.00	19.97 0.84 0.00	21.15 1.08 0.00	32.47 2.29 0.00	35.34 2.56 0.00	30.13 1.54 0.00	26.39 0.94 0.00	24.97 0.61 0.00	24.39 0.45 0.00	24.81 0.39 0.00	25.22 0.25 0.00	26.92 0.78 0.00	30.83 1.19 0.00	35.76 1.61 0.00	52.70 3.68 -3.63	34.90 3.37 10.06	40.42 2.80 -2.61	35.26 2.06 -2.91	30.73 1.62 -3.06	28.25 0.96 -3.17	25.08 0.68 -3.24
LI_NEWBRDGE___DRP 323616	21.69 1.55 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.90 1.14 0.00	20.35 1.22 0.00	21.57 1.50 0.00	31.38 1.21 0.00	34.36 1.57 0.00	30.48 1.89 0.00	27.56 2.11 0.00	26.49 2.12 0.00	26.25 2.32 0.00	26.82 2.39 0.00	27.19 2.22 0.00	28.31 2.17 0.00	31.81 2.16 0.00	36.85 2.70 0.00	49.20 3.81 0.00	44.67 3.08 0.00	37.67 2.66 0.00	32.69 2.39 0.00	28.38 2.32 0.00	26.17 2.05 0.00	22.71 1.54 0.00
LOCKPORT_115KV_TB60_63_64 80432	18.75 -1.39 0.00	17.47 -1.48 0.00	17.30 -1.40 0.00	16.44 -1.33 0.00	17.77 -1.36 0.00	18.82 -1.24 0.00	28.39 -1.78 0.00	30.29 -2.49 0.00	26.19 -2.40 0.00	23.39 -2.06 0.00	22.49 -1.88 0.00	22.04 -1.89 0.00	22.35 -2.08 0.00	23.10 -1.87 0.00	23.84 -2.30 0.00	26.83 -2.82 0.00	30.71 -3.45 0.00	39.84 -5.54 0.00	37.01 -4.57 0.00	31.26 -3.75 0.00	26.90 -3.39 0.00	23.63 -2.42 0.00	22.22 -1.91 0.00	19.81 -1.35 0.00
LOCKPORT___CC1 323769	18.79 -1.35 0.00	17.62 -1.33 0.00	17.30 -1.40 0.00	16.43 -1.33 0.00	17.77 -1.36 0.00	18.84 -1.22 0.00	28.39 -1.78 0.00	30.36 -2.43 0.00	26.22 -2.37 0.00	23.39 -2.06 0.00	22.49 -1.88 0.00	22.04 -1.89 0.00	22.37 -2.05 0.00	23.02 -1.95 0.00	23.89 -2.25 0.00	26.83 -2.82 0.00	30.77 -3.38 0.00	39.89 -5.49 0.00	37.01 -4.57 0.00	31.37 -3.64 0.00	26.90 -3.39 0.00	23.61 -2.45 0.00	22.19 -1.93 0.00	19.81 -1.35 0.00
LOCKPORT___CC2 323770	18.79 -1.35 0.00	17.62 -1.33 0.00	17.30 -1.40 0.00	16.43 -1.33 0.00	17.77 -1.36 0.00	18.84 -1.22 0.00	28.39 -1.78 0.00	30.36 -2.43 0.00	26.22 -2.37 0.00	23.39 -2.06 0.00	22.49 -1.88 0.00	22.04 -1.89 0.00	22.37 -2.05 0.00	23.02 -1.95 0.00	23.89 -2.25 0.00	26.83 -2.82 0.00	30.77 -3.38 0.00	39.89 -5.49 0.00	37.01 -4.57 0.00	31.37 -3.64 0.00	26.90 -3.39 0.00	23.61 -2.45 0.00	22.19 -1.93 0.00	19.81 -1.35 0.00
LOCKPORT___CC3 323771	18.79 -1.35 0.00	17.62 -1.33 0.00	17.30 -1.40 0.00	16.43 -1.33 0.00	17.77 -1.36 0.00	18.84 -1.22 0.00	28.39 -1.78 0.00	30.36 -2.43 0.00	26.22 -2.37 0.00	23.39 -2.06 0.00	22.49 -1.88 0.00	22.04 -1.89 0.00	22.37 -2.05 0.00	23.02 -1.95 0.00	23.89 -2.25 0.00	26.83 -2.82 0.00	30.77 -3.38 0.00	39.89 -5.49 0.00	37.01 -4.57 0.00	31.37 -3.64 0.00	26.90 -3.39 0.00	23.61 -2.45 0.00	22.19 -1.93 0.00	19.81 -1.35 0.00
LONG_LAKE_PHOENIX 24014	19.80 -0.34 0.00	18.59 -0.36 0.00	18.34 -0.36 0.00	17.43 -0.34 0.00	18.76 -0.36 0.00	19.68 -0.38 0.00	29.63 -0.54 0.00	32.06 -0.72 0.00	27.90 -0.69 0.00	24.81 -0.64 0.00	23.76 -0.61 0.00	23.33 -0.60 0.00	23.79 -0.63 0.00	24.35 -0.62 0.00	25.49 -0.65 0.00	28.90 -0.74 0.00	33.30 -0.85 0.00	44.21 -1.18 0.00	40.55 -1.04 0.00	34.10 -0.91 0.00	29.45 -0.85 0.00	25.38 -0.68 0.00	23.54 -0.58 0.00	20.74 -0.42 0.00
LOVETT___3 23632	21.21 1.07 0.00	19.93 0.99 0.00	19.67 0.97 0.00	18.67 0.91 0.00	20.14 1.01 0.00	21.15 1.08 0.00	31.74 1.57 0.00	34.65 1.87 0.00	30.53 1.94 0.00	27.25 1.81 0.00	26.12 1.75 0.00	25.70 1.77 0.00	26.28 1.86 0.00	26.82 1.85 0.00	28.05 1.91 0.00	31.69 2.05 0.00	36.58 2.43 0.00	48.56 3.18 0.00	44.50 2.91 0.00	37.50 2.49 0.00	32.54 2.24 0.00	27.93 1.88 0.00	25.79 1.66 0.00	22.45 1.29 0.00
LOVETT___4 23642	21.21 1.07 0.00	19.93 0.99 0.00	19.67 0.97 0.00	18.67 0.91 0.00	20.14 1.01 0.00	21.15 1.08 0.00	31.74 1.57 0.00	34.65 1.87 0.00	30.53 1.94 0.00	27.25 1.81 0.00	26.12 1.75 0.00	25.70 1.77 0.00	26.28 1.86 0.00	26.82 1.85 0.00	28.05 1.91 0.00	31.69 2.05 0.00	36.58 2.43 0.00	48.56 3.18 0.00	44.50 2.91 0.00	37.50 2.49 0.00	32.54 2.24 0.00	27.93 1.88 0.00	25.79 1.66 0.00	22.45 1.29 0.00
LOVETT___5 23593	21.21 1.07 0.00	19.93 0.99 0.00	19.67 0.97 0.00	18.67 0.91 0.00	20.14 1.01 0.00	21.15 1.08 0.00	31.74 1.57 0.00	34.65 1.87 0.00	30.53 1.94 0.00	27.25 1.81 0.00	26.12 1.75 0.00	25.70 1.77 0.00	26.28 1.86 0.00	26.82 1.85 0.00	28.05 1.91 0.00	31.69 2.05 0.00	36.58 2.43 0.00	48.56 3.18 0.00	44.50 2.91 0.00	37.50 2.49 0.00	32.54 2.24 0.00	27.93 1.88 0.00	25.79 1.66 0.00	22.45 1.29 0.00
LOWER RAQUET___HYD 24057	16.58 0.46 4.02	19.42 0.47 0.00	19.07 0.37 0.00	18.15 0.39 0.00	19.62 0.50 0.00	20.75 0.68 0.00	31.74 1.57 0.00	34.62 1.83 0.00	29.59 1.00 0.00	25.98 0.54 0.00	24.66 0.29 0.00	24.12 0.19 0.00	24.54 0.12 0.00	24.97 0.00 0.00	26.56 0.42 0.00	30.35 0.71 0.00	35.14 0.99 0.00	51.60 2.59 -3.63	33.86 2.33 10.06	39.58 1.96 -2.61	34.59 1.39 -2.91	30.16 1.04 -3.06	27.82 0.53 -3.17	24.73 0.32 -3.24
LOWER___HUDSON 24059	21.17 1.03 0.00	19.93 0.98 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.10 0.97 0.00	21.03 0.96 0.00	31.62 1.45 0.00	34.39 1.61 0.00	30.16 1.57 0.00	26.82 1.37 0.00	25.68 1.31 0.00	25.20 1.27 0.00	25.74 1.32 0.00	26.32 1.35 0.00	27.52 1.38 0.00	31.24 1.60 0.00	36.03 1.88 0.00	47.97 2.59 0.00	43.96 2.37 0.00	37.00 1.99 0.00	32.02 1.73 0.00	27.49 1.43 0.00	25.42 1.30 0.00	22.33 1.16 0.00
LOWVILLE_115KV_TB2 356335	19.66 0.36 0.85	19.32 0.38 0.00	19.00 0.30 0.00	18.07 0.30 0.00	19.49 0.36 0.00	20.55 0.48 0.00	31.20 1.03 0.00	33.96 1.18 0.00	29.30 0.71 0.00	25.88 0.43 0.00	24.66 0.29 0.00	24.12 0.19 0.00	24.62 0.20 0.00	25.07 0.10 0.00	26.56 0.42 0.00	30.23 0.59 0.00	34.97 0.82 0.00	48.24 1.82 -1.04	41.05 1.58 2.12	37.73 1.30 -1.43	32.62 0.91 -1.42	28.14 0.70 -1.38	25.90 0.41 -1.37	22.80 0.30 -1.34
LUTHERFT_115KV_GLOB_FND_222 355753	21.43 1.29 0.00	20.16 1.21 0.00	19.86 1.16 0.00	18.87 1.10 0.00	20.31 1.19 0.00	21.13 1.06 0.00	31.86 1.69 0.00	34.59 1.80 0.00	30.30 1.72 0.00	26.90 1.45 0.00	25.73 1.36 0.00	25.20 1.27 0.00	25.74 1.32 0.00	26.34 1.37 0.00	27.53 1.39 0.00	31.33 1.69 0.00	36.14 1.98 0.00	48.24 2.86 0.00	44.21 2.62 0.00	37.18 2.17 0.00	32.14 1.85 0.00	27.57 1.51 0.00	25.50 1.37 0.00	22.43 1.27 0.00

LUTHERNY_35_KV_BK2 355980	21.43 1.29 0.00	20.18 1.23 0.00	19.88 1.18 0.00	18.89 1.12 0.00	20.33 1.20 0.00	21.15 1.08 0.00	31.86 1.69 0.00	34.59 1.80 0.00	30.30 1.72 0.00	26.90 1.45 0.00	25.73 1.36 0.00	25.20 1.27 0.00	25.77 1.34 0.00	26.34 1.37 0.00	27.53 1.39 0.00	31.33 1.69 0.00	36.17 2.02 0.00	48.29 2.90 0.00	44.25 2.66 0.00	37.22 2.21 0.00	32.17 1.88 0.00	27.59 1.54 0.00	25.50 1.37 0.00	22.43 1.27 0.00
LWR___OSWEGATCHIE_HYD 23850	17.91 0.38 2.62	19.34 0.40 0.00	19.00 0.30 0.00	18.09 0.32 0.00	19.53 0.40 0.00	20.63 0.56 0.00	31.47 1.30 0.00	34.26 1.48 0.00	29.42 0.83 0.00	25.88 0.43 0.00	24.61 0.24 0.00	24.07 0.14 0.00	24.52 0.10 0.00	24.94 -0.02 0.00	26.48 0.34 0.00	30.23 0.59 0.00	35.01 0.85 0.00	50.03 2.18 -2.47	36.96 1.91 6.54	38.65 1.61 -2.03	33.61 1.12 -2.20	29.16 0.83 -2.27	26.88 0.43 -2.33	23.80 0.28 -2.36
LYONS_FALL_HYD 23570	20.19 0.42 0.38	19.36 0.42 0.00	19.05 0.35 0.00	18.12 0.36 0.00	19.54 0.42 0.00	20.57 0.50 0.00	31.17 0.99 0.00	33.96 1.18 0.00	29.39 0.80 0.00	26.01 0.56 0.00	24.83 0.46 0.00	24.29 0.36 0.00	24.79 0.37 0.00	25.27 0.30 0.00	26.71 0.57 0.00	30.38 0.74 0.00	35.08 0.92 0.00	47.84 1.77 -0.69	42.14 1.50 0.95	37.63 1.26 -1.36	32.50 0.91 -1.30	28.01 0.73 -1.22	25.80 0.48 -1.19	22.66 0.36 -1.14
MADISON___COUNTY_LFGE 323628	20.66 0.52 0.00	19.44 0.49 0.00	19.15 0.45 0.00	18.21 0.44 0.00	19.62 0.50 0.00	20.63 0.56 0.00	31.20 1.03 0.00	34.13 1.34 0.00	29.62 1.03 0.00	26.26 0.81 0.00	25.12 0.76 0.00	24.60 0.67 0.00	25.08 0.66 0.00	25.62 0.65 0.00	27.03 0.89 0.00	30.50 0.86 0.00	35.15 0.99 0.00	47.18 1.59 -0.21	42.92 1.33 0.00	36.77 1.09 -0.67	31.73 0.82 -0.62	27.35 0.73 -0.56	25.21 0.55 -0.54	22.13 0.47 -0.50
MALONE___115KV_TB1 356076	12.25 -0.30 7.59	18.66 -0.28 0.01	18.39 -0.30 0.01	17.48 -0.28 0.01	18.88 -0.25 0.00	19.90 -0.16 0.00	30.20 0.03 0.00	32.98 0.20 0.00	28.35 -0.23 0.01	25.06 -0.38 0.01	23.87 -0.49 0.01	23.50 -0.43 0.00	23.88 -0.54 0.00	24.35 -0.62 0.00	25.70 -0.44 0.00	29.23 -0.41 0.00	33.77 -0.38 0.01	52.07 0.09 -6.59	22.65 0.04 18.98	39.09 0.00 -4.08	34.87 -0.12 -4.70	30.91 -0.21 -5.06	29.00 -0.41 -5.29	26.21 -0.44 -5.49
MAPLEWOD_115KV_TB3 80458	21.05 0.91 0.00	19.80 0.85 0.00	19.56 0.86 0.00	18.59 0.82 0.00	20.00 0.88 0.00	20.93 0.86 0.00	31.47 1.30 0.00	34.23 1.44 0.00	30.02 1.43 0.00	26.67 1.22 0.00	25.54 1.17 0.00	25.06 1.12 0.00	25.62 1.20 0.00	26.19 1.22 0.00	27.42 1.28 0.00	31.12 1.48 0.00	35.90 1.74 0.00	47.79 2.41 0.00	43.79 2.20 0.00	36.83 1.82 0.00	31.90 1.61 0.00	27.36 1.30 0.00	25.28 1.16 0.00	22.11 0.95 0.00
MAPLE_RIDGE_WT_1 323574	4.77 -0.95 14.43	18.04 -0.89 0.01	17.83 -0.86 0.01	16.94 -0.82 0.01	18.26 -0.86 0.00	19.18 -0.88 0.00	28.88 -1.30 0.00	31.47 -1.31 0.00	27.35 -1.23 0.01	24.37 -1.07 0.01	23.36 -1.00 0.01	23.02 -0.91 0.00	23.52 -0.90 0.00	24.09 -0.87 0.00	25.28 -0.86 0.00	28.63 -1.01 0.00	32.88 -1.26 0.01	43.42 -1.77 0.20	3.72 -1.79 36.08	0.00 -1.50 33.51	0.00 -1.36 28.93	0.00 -1.17 24.89	0.00 -1.13 22.99	0.00 -0.95 20.21
MAPLE_RIDGE_WT_2 323611	4.77 -0.95 14.43	18.04 -0.89 0.01	17.83 -0.86 0.01	16.94 -0.82 0.01	18.26 -0.86 0.00	19.18 -0.88 0.00	28.88 -1.30 0.00	31.47 -1.31 0.00	27.35 -1.23 0.01	24.37 -1.07 0.01	23.36 -1.00 0.01	23.02 -0.91 0.00	23.52 -0.90 0.00	24.09 -0.87 0.00	25.28 -0.86 0.00	28.63 -1.01 0.00	32.88 -1.26 0.01	43.42 -1.77 0.20	3.72 -1.79 36.08	0.00 -1.50 33.51	0.00 -1.36 28.93	0.00 -1.17 24.89	0.00 -1.13 22.99	0.00 -0.95 20.21
MARBLE_RIVER_WT_PWR 323696	9.78 -1.17 9.19	17.80 -1.14 0.01	17.61 -1.09 0.01	16.75 -1.01 0.01	18.11 -1.01 0.00	19.08 -0.98 0.00	28.57 -1.60 0.00	31.24 -1.54 0.00	26.95 -1.63 0.01	23.84 -1.60 0.01	22.68 -1.68 0.01	22.50 -1.44 0.00	22.86 -1.56 0.00	23.32 -1.65 0.00	24.54 -1.60 0.00	27.80 -1.84 0.00	32.00 -2.15 0.01	36.68 -2.81 5.89	16.19 -2.41 22.98	-7.00 -1.99 40.02	-7.00 -1.73 35.57	-7.00 -1.59 31.47	-7.00 -1.52 29.60	-7.00 -1.42 26.74
MARSHVLE_115KV_TB1 80742	21.47 1.33 0.00	20.22 1.27 0.00	19.88 1.18 0.00	18.89 1.12 0.00	20.37 1.24 0.00	21.41 1.34 0.00	32.47 2.29 0.00	35.18 2.39 0.00	30.53 1.94 0.00	26.77 1.32 0.00	25.39 1.02 0.00	24.62 0.69 0.00	25.18 0.76 0.00	25.79 0.82 0.00	27.21 1.07 0.00	31.51 1.87 0.00	36.44 2.29 0.00	48.79 3.40 0.00	44.71 3.12 0.00	37.60 2.59 0.00	32.38 2.09 0.00	27.91 1.85 0.00	25.69 1.57 0.00	22.43 1.27 0.00
MARSH_HILL_WT_PWR 323713	18.87 -1.27 0.00	17.66 -1.29 0.00	17.50 -1.20 0.00	16.61 -1.15 0.00	17.96 -1.17 0.00	18.94 -1.12 0.00	28.78 -1.39 0.00	31.38 -1.41 0.00	27.13 -1.46 0.00	24.23 -1.22 0.00	23.32 -1.05 0.00	22.88 -1.05 0.00	23.23 -1.20 0.00	23.90 -1.07 0.00	24.86 -1.28 0.00	28.04 -1.60 0.00	32.24 -1.91 0.00	42.16 -3.22 0.00	38.51 -3.08 0.00	32.42 -2.59 0.00	27.66 -2.64 0.00	24.05 -2.01 0.00	22.24 -1.88 0.00	19.60 -1.57 0.00
MCINTYRE_115KV_TB2 80467	17.23 1.11 4.02	20.04 1.10 0.00	19.65 0.95 0.00	18.72 0.96 0.00	20.23 1.11 0.00	21.47 1.40 0.00	33.04 2.87 0.00	35.93 3.15 0.00	30.53 1.94 0.00	26.64 1.20 0.00	25.17 0.80 0.00	24.55 0.62 0.00	24.98 0.56 0.00	25.37 0.40 0.00	27.13 0.99 0.00	31.12 1.48 0.00	36.20 2.05 0.00	53.51 4.49 -3.63	35.69 4.16 10.06	41.16 3.54 -2.61	35.80 2.61 -2.91	31.17 2.06 -3.06	28.61 1.33 -3.17	25.38 0.97 -3.24
MECO_____69_KV_BK1 80468	21.75 1.61 0.00	20.46 1.52 0.00	20.12 1.42 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.65 1.59 0.00	32.80 2.62 0.00	35.51 2.72 0.00	30.91 2.32 0.00	27.18 1.73 0.00	25.80 1.44 0.00	25.13 1.20 0.00	25.69 1.27 0.00	26.32 1.35 0.00	27.66 1.52 0.00	31.89 2.25 0.00	36.89 2.73 0.00	49.47 4.08 0.00	45.37 3.78 0.00	38.13 3.12 0.00	32.87 2.57 0.00	28.22 2.16 0.00	25.98 1.86 0.00	22.69 1.52 0.00
MENANDS___115KV_TB5 355628	20.97 0.83 0.00	19.72 0.78 0.00	19.48 0.79 0.00	18.51 0.75 0.00	19.93 0.80 0.00	20.85 0.78 0.00	31.32 1.15 0.00	34.10 1.31 0.00	29.90 1.32 0.00	26.59 1.15 0.00	25.46 1.10 0.00	25.01 1.08 0.00	25.57 1.15 0.00	26.12 1.15 0.00	27.34 1.20 0.00	31.01 1.36 0.00	35.76 1.61 0.00	47.56 2.18 0.00	43.59 2.00 0.00	36.69 1.68 0.00	31.78 1.48 0.00	27.28 1.22 0.00	25.18 1.06 0.00	22.03 0.87 0.00
MG INDUSTRY___DRP 24185	20.89 0.75 0.00	19.68 0.74 0.00	19.43 0.73 0.00	18.46 0.69 0.00	19.85 0.73 0.00	20.77 0.70 0.00	31.20 1.03 0.00	33.90 1.11 0.00	29.65 1.06 0.00	26.34 0.89 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.25 0.83 0.00	25.82 0.85 0.00	27.05 0.91 0.00	30.77 1.13 0.00	35.49 1.33 0.00	47.25 1.86 0.00	43.29 1.71 0.00	36.44 1.44 0.00	31.57 1.27 0.00	27.10 1.04 0.00	25.04 0.92 0.00	21.92 0.76 0.00

MID___OSWEGATCHIE_HYD 23849	17.91 0.38 2.62	19.34 0.40 0.00	19.00 0.30 0.00	18.09 0.32 0.00	19.53 0.40 0.00	20.63 0.56 0.00	31.47 1.30 0.00	34.26 1.48 0.00	29.42 0.83 0.00	25.88 0.43 0.00	24.61 0.24 0.00	24.07 0.14 0.00	24.52 0.10 0.00	24.94 -0.02 0.00	26.48 0.34 0.00	30.23 0.59 0.00	35.01 0.85 0.00	50.03 2.18 -2.47	36.96 1.91 6.54	38.65 1.61 -2.03	33.61 1.12 -2.20	29.16 0.83 -2.27	26.88 0.43 -2.33	23.80 0.28 -2.36
MID___RAQUETTE_HYD 23851	16.58 0.46 4.02	19.42 0.47 0.00	19.07 0.37 0.00	18.16 0.39 0.00	19.62 0.50 0.00	20.75 0.68 0.00	31.74 1.57 0.00	34.59 1.80 0.00	29.59 1.00 0.00	25.98 0.53 0.00	24.66 0.29 0.00	24.12 0.19 0.00	24.54 0.12 0.00	24.97 0.00 0.00	26.56 0.42 0.00	30.35 0.71 0.00	35.18 1.02 0.00	51.61 2.59 -3.63	33.86 2.33 10.06	39.58 1.96 -2.61	34.59 1.39 -2.91	30.16 1.04 -3.06	27.82 0.53 -3.17	24.75 0.34 -3.24
MILLIKEN___1 23584	20.26 0.12 0.00	19.00 0.06 0.00	18.76 0.06 0.00	17.82 0.05 0.00	19.20 0.08 0.00	20.23 0.16 0.00	30.56 0.39 0.00	33.14 0.36 0.00	28.73 0.14 0.00	25.52 0.08 0.00	24.42 0.05 0.00	23.95 0.02 0.00	24.40 -0.02 0.00	24.97 0.00 0.00	26.17 0.03 0.00	29.70 0.06 0.00	34.29 0.14 0.00	45.57 0.18 0.00	41.80 0.21 0.00	35.15 0.14 0.00	30.26 -0.03 0.00	26.11 0.05 0.00	24.22 0.10 0.00	21.25 0.08 0.00
MILLIKEN___2 23585	20.26 0.12 0.00	19.00 0.06 0.00	18.76 0.06 0.00	17.82 0.05 0.00	19.20 0.08 0.00	20.23 0.16 0.00	30.56 0.39 0.00	33.14 0.36 0.00	28.73 0.14 0.00	25.52 0.08 0.00	24.42 0.05 0.00	23.95 0.02 0.00	24.40 -0.02 0.00	24.97 0.00 0.00	26.17 0.03 0.00	29.70 0.06 0.00	34.29 0.14 0.00	45.57 0.18 0.00	41.80 0.21 0.00	35.15 0.14 0.00	30.26 -0.03 0.00	26.11 0.05 0.00	24.22 0.10 0.00	21.25 0.08 0.00
MILLIKEN___DIESEL 23629	20.26 0.12 0.00	19.00 0.06 0.00	18.76 0.06 0.00	17.82 0.05 0.00	19.20 0.08 0.00	20.23 0.16 0.00	30.56 0.39 0.00	33.14 0.36 0.00	28.73 0.14 0.00	25.52 0.08 0.00	24.42 0.05 0.00	23.95 0.02 0.00	24.40 -0.02 0.00	24.97 0.00 0.00	26.17 0.03 0.00	29.70 0.06 0.00	34.29 0.14 0.00	45.57 0.18 0.00	41.80 0.21 0.00	35.15 0.14 0.00	30.26 -0.03 0.00	26.11 0.05 0.00	24.22 0.10 0.00	21.25 0.08 0.00
MILLSEAT___LFGE 323607	19.05 -1.09 0.00	17.87 -1.08 0.00	17.54 -1.16 0.00	16.67 -1.10 0.00	18.01 -1.11 0.00	19.12 -0.94 0.00	28.88 -1.30 0.00	31.05 -1.74 0.00	26.76 -1.83 0.00	23.82 -1.63 0.00	22.88 -1.49 0.00	22.45 -1.48 0.00	22.79 -1.64 0.00	23.45 -1.52 0.00	24.31 -1.83 0.00	27.39 -2.25 0.00	31.42 -2.73 0.00	40.89 -4.49 0.00	37.89 -3.70 0.00	32.07 -2.94 0.00	27.48 -2.82 0.00	24.08 -1.98 0.00	22.63 -1.50 0.00	20.13 -1.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.27 1.13 0.00	19.99 1.04 0.00	19.73 1.03 0.00	18.75 0.98 0.00	20.19 1.07 0.00	21.19 1.12 0.00	31.80 1.63 0.00	34.75 1.97 0.00	30.62 2.03 0.00	27.33 1.88 0.00	26.19 1.83 0.00	25.77 1.84 0.00	26.38 1.95 0.00	26.92 1.95 0.00	28.15 2.01 0.00	31.84 2.19 0.00	36.72 2.56 0.00	48.74 3.36 0.00	44.62 3.04 0.00	37.64 2.63 0.00	32.66 2.36 0.00	28.01 1.95 0.00	25.88 1.76 0.00	22.52 1.35 0.00
MILLWOOD_13_KV_LOAD 356217	21.31 1.17 0.00	20.03 1.08 0.00	19.78 1.08 0.00	18.78 1.01 0.00	20.23 1.11 0.00	21.23 1.16 0.00	31.86 1.69 0.00	34.82 2.03 0.00	30.68 2.09 0.00	27.38 1.93 0.00	26.27 1.90 0.00	25.84 1.91 0.00	26.42 2.00 0.00	26.97 2.00 0.00	28.21 2.07 0.00	31.92 2.28 0.00	36.85 2.70 0.00	48.93 3.54 0.00	44.79 3.20 0.00	37.71 2.70 0.00	32.72 2.42 0.00	28.09 2.03 0.00	25.93 1.81 0.00	22.56 1.40 0.00
MODEL_CITY_ENERGY 24167	18.59 -1.55 0.00	17.43 -1.52 0.00	17.13 -1.57 0.00	16.28 -1.49 0.00	17.58 -1.55 0.00	18.62 -1.44 0.00	28.06 -2.11 0.00	29.96 -2.82 0.00	25.87 -2.72 0.00	23.11 -2.34 0.00	22.22 -2.14 0.00	21.78 -2.15 0.00	22.10 -2.32 0.00	22.75 -2.22 0.00	23.60 -2.54 0.00	26.50 -3.14 0.00	30.36 -3.79 0.00	39.39 -5.99 0.01	36.51 -5.08 0.00	30.98 -4.02 0.00	26.57 -3.73 0.00	23.32 -2.74 0.00	21.93 -2.19 0.00	19.60 -1.57 0.00
MODERN_LFGE___ 323580	18.59 -1.55 0.00	17.43 -1.52 0.00	17.13 -1.57 0.00	16.28 -1.49 0.00	17.58 -1.55 0.00	18.62 -1.44 0.00	28.06 -2.11 0.00	29.96 -2.82 0.00	25.87 -2.72 0.00	23.11 -2.34 0.00	22.22 -2.14 0.00	21.78 -2.15 0.00	22.10 -2.32 0.00	22.75 -2.22 0.00	23.60 -2.54 0.00	26.50 -3.14 0.00	30.36 -3.79 0.00	39.39 -5.99 0.01	36.51 -5.08 0.00	30.98 -4.02 0.00	26.57 -3.73 0.00	23.32 -2.74 0.00	21.93 -2.19 0.00	19.60 -1.57 0.00
MOHAWK_PAPER___DRP 24187	21.05 0.91 0.00	19.80 0.85 0.00	19.56 0.86 0.00	18.59 0.82 0.00	20.00 0.88 0.00	20.93 0.86 0.00	31.47 1.30 0.00	34.23 1.44 0.00	30.02 1.43 0.00	26.67 1.22 0.00	25.54 1.17 0.00	25.06 1.12 0.00	25.62 1.20 0.00	26.19 1.22 0.00	27.42 1.28 0.00	31.12 1.48 0.00	35.90 1.74 0.00	47.79 2.41 0.00	43.79 2.20 0.00	36.83 1.82 0.00	31.90 1.61 0.00	27.36 1.30 0.00	25.28 1.16 0.00	22.11 0.95 0.00
MOHICAN___35_KV_115KV_LD 80490	21.73 1.59 0.00	20.44 1.50 0.00	20.12 1.42 0.00	19.12 1.35 0.00	20.58 1.45 0.00	21.17 1.10 0.00	31.95 1.78 0.00	34.65 1.87 0.00	30.39 1.80 0.00	26.92 1.48 0.00	25.76 1.39 0.00	25.17 1.24 0.00	25.72 1.29 0.00	26.29 1.32 0.00	27.45 1.31 0.00	31.27 1.63 0.00	36.10 1.95 0.00	48.38 3.00 0.00	44.33 2.74 0.00	37.25 2.24 0.00	32.14 1.85 0.00	27.54 1.49 0.00	25.50 1.37 0.00	22.67 1.50 0.00
MONGAUP___HYD 23641	21.11 0.97 0.00	19.86 0.91 0.00	19.58 0.88 0.00	18.59 0.82 0.00	20.04 0.92 0.00	21.07 1.00 0.00	31.71 1.54 0.00	34.52 1.74 0.00	30.28 1.69 0.00	26.90 1.45 0.00	25.71 1.34 0.00	25.22 1.29 0.00	25.81 1.39 0.00	26.34 1.37 0.00	27.58 1.44 0.00	31.30 1.66 0.00	36.27 2.12 0.00	48.33 2.95 0.00	44.29 2.70 0.00	37.25 2.24 0.00	32.26 1.97 0.00	27.67 1.62 0.00	25.54 1.42 0.00	22.33 1.16 0.00
MONTAUK___DIESEL 23721	22.15 2.01 0.00	20.52 1.57 0.00	20.23 1.53 0.00	19.10 1.33 0.00	20.58 1.45 0.00	21.93 1.87 0.00	31.32 1.15 0.00	34.36 1.57 0.00	30.48 1.89 0.00	27.46 2.01 0.00	26.44 2.07 0.00	26.30 2.37 0.00	26.84 2.42 0.00	27.14 2.17 0.00	28.34 2.20 0.00	31.87 2.22 0.00	37.16 3.01 0.00	50.01 4.63 0.00	44.50 2.91 0.00	37.71 2.70 0.00	32.60 2.30 0.00	28.51 2.45 0.00	25.81 1.69 0.00	22.54 1.38 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	18.67 -1.47 0.00	17.43 -1.52 0.00	17.24 -1.46 0.00	16.42 -1.35 0.00	17.79 -1.34 0.00	18.90 -1.16 0.00	28.72 -1.45 0.00	30.92 -1.87 0.00	26.65 -1.94 0.00	23.74 -1.71 0.00	22.91 -1.46 0.00	22.57 -1.36 0.00	22.71 -1.71 0.00	23.47 -1.50 0.00	24.31 -1.83 0.00	27.30 -2.34 0.00	31.49 -2.66 0.00	41.02 -4.36 0.01	38.01 -3.58 0.00	32.07 -2.94 0.00	27.42 -2.88 0.00	24.02 -2.03 0.00	22.53 -1.59 0.00	19.87 -1.29 0.00

MORRIS_RIDGE___SOLAR 323848	19.05 -1.09 0.00	17.85 -1.10 0.00	17.60 -1.10 0.00	16.74 -1.03 0.00	18.07 -1.05 0.00	19.12 -0.94 0.00	28.96 -1.21 0.00	31.28 -1.51 0.00	26.99 -1.60 0.00	24.07 -1.37 0.00	23.13 -1.24 0.00	22.68 -1.25 0.00	23.03 -1.39 0.00	23.67 -1.30 0.00	24.62 -1.52 0.00	27.74 -1.90 0.00	31.94 -2.22 0.00	41.80 -3.59 0.00	38.51 -3.08 0.00	32.52 -2.48 0.00	27.84 -2.45 0.00	24.26 -1.80 0.00	22.65 -1.47 0.00	20.04 -1.12 0.00
MORTIMER_115KV_TB3 55949	19.29 -0.85 0.00	18.06 -0.89 0.00	17.82 -0.88 0.00	16.93 -0.84 0.00	18.28 -0.84 0.00	19.30 -0.76 0.00	29.12 -1.06 0.00	31.34 -1.44 0.00	27.16 -1.43 0.00	24.20 -1.25 0.00	23.22 -1.15 0.00	22.81 -1.12 0.00	23.18 -1.25 0.00	23.85 -1.12 0.00	24.75 -1.39 0.00	28.01 -1.63 0.00	32.17 -1.98 0.00	42.16 -3.22 0.00	38.93 -2.66 0.00	32.80 -2.21 0.00	28.26 -2.03 0.00	24.60 -1.46 0.00	22.99 -1.13 0.00	20.34 -0.83 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.91 2.32 0.00	27.64 2.19 0.00	26.49 2.12 0.00	26.08 2.15 0.00	26.69 2.27 0.00	27.27 2.30 0.00	28.52 2.38 0.00	32.22 2.58 0.00	37.13 2.97 0.00	49.20 3.81 0.00	45.00 3.41 0.00	37.95 2.94 0.00	33.02 2.73 0.00	28.30 2.24 0.00	26.15 2.03 0.00	22.73 1.57 0.00
MUNSVILLE_WIND_PWR 323609	21.07 0.93 0.00	19.84 0.89 0.00	19.48 0.79 0.00	18.57 0.80 0.00	20.06 0.94 0.00	21.21 1.14 0.00	32.35 2.17 0.00	35.08 2.29 0.00	30.28 1.69 0.00	26.77 1.32 0.00	25.54 1.17 0.00	24.94 1.00 0.00	25.45 1.03 0.00	25.92 0.95 0.00	27.58 1.44 0.00	31.51 1.87 0.00	36.37 2.22 0.00	48.88 3.49 0.00	44.46 2.87 0.00	37.32 2.31 0.00	31.99 1.70 0.00	27.54 1.48 0.00	25.25 1.13 0.00	22.05 0.89 0.00
N SALMON___HYD 24042	12.25 -0.30 7.59	18.64 -0.30 0.01	18.39 -0.30 0.01	17.48 -0.28 0.01	18.87 -0.25 0.00	19.90 -0.16 0.00	30.20 0.03 0.00	32.98 0.20 0.00	28.35 -0.23 0.01	25.06 -0.38 0.01	23.87 -0.49 0.01	23.50 -0.43 0.00	23.88 -0.54 0.00	24.35 -0.62 0.00	25.70 -0.44 0.00	29.23 -0.42 0.00	33.77 -0.37 0.01	52.07 0.09 -6.59	22.65 0.04 18.98	39.09 0.00 -4.08	34.87 -0.12 -4.70	30.91 -0.21 -5.06	29.00 -0.41 -5.29	26.21 -0.45 -5.49
N.AKRON__115KV_KNAPP 355671	19.01 -1.13 0.00	17.73 -1.21 0.00	17.54 -1.16 0.00	16.67 -1.10 0.00	18.01 -1.11 0.00	19.12 -0.94 0.00	28.87 -1.30 0.00	30.92 -1.87 0.00	26.70 -1.89 0.00	23.82 -1.63 0.00	22.88 -1.49 0.00	22.45 -1.48 0.00	22.74 -1.69 0.00	23.50 -1.47 0.00	24.26 -1.88 0.00	27.36 -2.28 0.00	31.35 -2.80 0.00	40.75 -4.63 0.00	37.85 -3.74 0.00	31.93 -3.08 0.00	27.48 -2.82 0.00	24.08 -1.98 0.00	22.63 -1.50 0.00	20.13 -1.04 0.00
N.BELMOR_69_KV_BK1 55787	21.83 1.69 0.00	20.35 1.40 0.00	20.08 1.38 0.00	19.01 1.24 0.00	20.48 1.36 0.00	21.71 1.65 0.00	31.62 1.45 0.00	34.65 1.87 0.00	30.65 2.06 0.00	27.69 2.24 0.00	26.61 2.24 0.00	26.37 2.44 0.00	26.94 2.52 0.00	27.34 2.37 0.00	28.49 2.35 0.00	31.98 2.34 0.00	37.06 2.90 0.00	49.52 4.13 0.00	45.04 3.45 0.00	37.99 2.98 0.00	32.93 2.64 0.00	28.61 2.55 0.00	26.34 2.22 0.00	22.86 1.69 0.00
N.E_GEN_SANDY PD 24062	22.53 1.07 -1.32	21.53 1.00 -1.58	20.38 1.03 -0.65	20.02 0.96 -1.29	21.19 1.05 -1.01	22.99 1.04 -1.88	34.65 1.54 -2.94	37.64 1.77 -3.09	33.35 1.77 -2.99	28.60 1.63 -1.52	28.84 1.56 -2.91	26.83 1.55 -1.35	26.06 1.64 0.00	29.21 1.65 -2.59	30.51 1.70 -2.67	34.94 1.90 -3.40	38.00 2.22 -1.63	48.00 2.95 0.33	45.00 2.66 -0.75	38.00 2.24 -0.75	35.01 2.03 -2.69	30.35 1.69 -2.60	26.89 1.55 -1.22	22.52 1.31 -0.04
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.23 1.09 0.00	19.95 1.00 0.00	19.69 0.99 0.00	18.69 0.92 0.00	20.16 1.03 0.00	21.17 1.10 0.00	31.77 1.60 0.00	34.72 1.93 0.00	30.56 1.97 0.00	27.28 1.83 0.00	26.15 1.78 0.00	25.70 1.77 0.00	26.30 1.88 0.00	26.84 1.87 0.00	28.05 1.91 0.00	31.72 2.07 0.00	36.65 2.49 0.00	48.65 3.27 0.00	44.54 2.95 0.00	37.57 2.56 0.00	32.57 2.27 0.00	27.96 1.90 0.00	25.81 1.69 0.00	22.45 1.29 0.00
N.QUEENS_27_KV_LOAD 356247	21.69 1.55 0.00	20.33 1.38 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.55 1.48 0.00	32.40 2.23 0.00	35.41 2.62 0.00	31.22 2.63 0.00	27.94 2.49 0.00	26.76 2.39 0.00	26.37 2.44 0.00	27.04 2.61 0.00	27.62 2.65 0.00	28.89 2.74 -0.01	32.67 3.02 -0.01	37.50 3.35 0.00	49.70 4.31 0.00	45.37 3.78 0.00	38.30 3.29 0.00	33.47 3.18 0.00	28.64 2.58 0.00	26.48 2.36 0.00	22.98 1.82 0.00
N.TROY___115KV_TB1 355778	21.17 1.03 0.00	19.93 0.99 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.10 0.98 0.00	21.03 0.96 0.00	31.62 1.45 0.00	34.42 1.64 0.00	30.16 1.57 0.00	26.82 1.37 0.00	25.68 1.32 0.00	25.20 1.27 0.00	25.74 1.32 0.00	26.32 1.35 0.00	27.53 1.39 0.00	31.24 1.60 0.00	36.03 1.88 0.00	47.97 2.59 0.00	43.96 2.37 0.00	37.01 2.00 0.00	32.02 1.73 0.00	27.49 1.43 0.00	25.40 1.28 0.00	22.26 1.10 0.00
NARROWS_GT1_1 24228	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT1_2 24229	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT1_3 24230	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT1_4 24231	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00

NARROWS_GT1_5 24232	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT1_6 24233	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT1_7 24234	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT1_8 24235	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT2_1 24236	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT2_2 24237	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT2_3 24238	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT2_4 24239	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT2_5 24240	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT2_6 24241	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT2_7 24242	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NARROWS_GT2_8 24243	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.17 1.03 0.00	19.95 1.00 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.14 1.01 0.00	21.05 0.98 0.00	31.74 1.57 0.00	34.42 1.64 0.00	30.08 1.49 0.00	26.54 1.09 0.00	25.32 0.95 0.00	24.72 0.79 0.00	25.33 0.90 0.00	25.87 0.90 0.00	27.16 1.02 0.00	30.98 1.33 0.00	35.90 1.74 0.00	48.02 2.63 0.00	44.04 2.45 0.00	36.97 1.96 0.00	31.93 1.64 0.00	27.36 1.30 0.00	25.23 1.11 0.00	22.07 0.91 0.00
NCHELSEA_115KV_TR2 355582	21.29 1.15 0.00	20.03 1.08 0.00	19.77 1.07 0.00	18.78 1.01 0.00	20.23 1.11 0.00	21.23 1.16 0.00	31.89 1.72 0.00	34.82 2.03 0.00	30.62 2.03 0.00	27.28 1.83 0.00	26.15 1.78 0.00	25.63 1.70 0.00	26.25 1.83 0.00	26.77 1.80 0.00	28.05 1.91 0.00	31.78 2.13 0.00	36.75 2.60 0.00	48.83 3.45 0.00	44.71 3.12 0.00	37.60 2.59 0.00	32.60 2.30 0.00	27.96 1.90 0.00	25.81 1.69 0.00	22.47 1.31 0.00
NEG CAPITAL___MECHNVIL 23645	21.45 1.31 0.00	20.18 1.23 0.00	19.88 1.18 0.00	18.89 1.12 0.00	20.33 1.21 0.00	21.19 1.12 0.00	31.95 1.78 0.00	34.69 1.90 0.00	30.39 1.80 0.00	26.97 1.53 0.00	25.83 1.46 0.00	25.29 1.36 0.00	25.86 1.44 0.00	26.44 1.47 0.00	27.63 1.49 0.00	31.45 1.81 0.00	36.27 2.12 0.00	48.47 3.09 0.00	44.38 2.79 0.00	37.32 2.31 0.00	32.26 1.97 0.00	27.67 1.62 0.00	25.57 1.45 0.00	22.52 1.36 0.00



NEG CENTRAL_HIGH_ACRES 23767	19.09 -1.05 0.00	17.92 -1.02 0.00	17.63 -1.07 0.00	16.76 -1.01 0.00	18.07 -1.05 0.00	19.06 -1.00 0.00	28.78 -1.39 0.00	31.11 -1.67 0.00	26.93 -1.66 0.00	23.97 -1.48 0.00	22.98 -1.39 0.00	22.59 -1.34 0.00	22.98 -1.44 0.00	23.57 -1.40 0.00	24.57 -1.57 0.00	27.83 -1.81 0.00	31.97 -2.19 0.00	42.07 -3.31 0.00	38.72 -2.87 0.00	32.63 -2.38 0.00	28.08 -2.21 0.00	24.36 -1.69 0.00	22.72 -1.40 0.00	20.04 -1.12 0.00
NEG CENTRAL___DRP 24199	19.82 -0.32 0.00	18.55 -0.40 0.00	18.33 -0.37 0.00	17.41 -0.36 0.00	18.78 -0.34 0.00	19.78 -0.28 0.00	29.93 -0.24 0.00	32.42 -0.36 0.00	28.10 -0.49 0.00	24.99 -0.46 0.00	23.93 -0.44 0.00	23.50 -0.43 0.00	23.91 -0.51 0.00	24.52 -0.45 0.00	25.56 -0.58 0.00	28.99 -0.65 0.00	33.44 -0.72 0.00	44.11 -1.27 0.00	40.55 -1.04 0.00	34.10 -0.91 0.00	29.41 -0.88 0.00	25.43 -0.63 0.00	23.64 -0.48 0.00	20.78 -0.38 0.00
NEG CENTRAL___INDECK 23768	19.66 -0.48 0.00	18.44 -0.51 0.00	18.12 -0.58 0.00	17.22 -0.55 0.00	18.59 -0.54 0.00	19.70 -0.36 0.00	29.96 -0.21 0.00	32.46 -0.33 0.00	27.88 -0.71 0.00	24.71 -0.74 0.00	23.66 -0.71 0.00	23.19 -0.74 0.00	23.54 -0.88 0.00	24.17 -0.80 0.00	25.20 -0.94 0.00	28.55 -1.10 0.00	32.93 -1.23 0.00	43.39 -2.00 0.00	40.05 -1.54 0.00	33.78 -1.23 0.00	28.90 -1.39 0.00	25.14 -0.91 0.00	23.47 -0.65 0.00	20.68 -0.49 0.00
NEG CENTRAL___SENECA 23627	19.74 -0.40 0.00	18.45 -0.49 0.00	18.23 -0.47 0.00	17.32 -0.44 0.00	18.70 -0.42 0.00	19.74 -0.32 0.00	29.93 -0.24 0.00	32.42 -0.36 0.00	28.05 -0.54 0.00	24.94 -0.51 0.00	23.88 -0.49 0.00	23.43 -0.50 0.00	23.81 -0.61 0.00	24.47 -0.50 0.00	25.46 -0.68 0.00	28.87 -0.77 0.00	33.27 -0.89 0.00	43.75 -1.63 0.00	40.26 -1.33 0.00	33.85 -1.16 0.00	29.23 -1.06 0.00	25.30 -0.76 0.00	23.57 -0.55 0.00	20.70 -0.47 0.00
NEG CENTRAL___STATE_STREET 24147	20.02 -0.12 0.00	18.76 -0.19 0.00	18.51 -0.19 0.00	17.59 -0.18 0.00	18.95 -0.17 0.00	19.95 -0.12 0.00	30.11 -0.06 0.00	32.69 -0.10 0.00	28.33 -0.26 0.00	25.19 -0.25 0.00	24.10 -0.27 0.00	23.69 -0.24 0.00	24.10 -0.32 0.00	24.69 -0.27 0.00	25.83 -0.31 0.00	29.32 -0.33 0.00	33.78 -0.38 0.00	44.80 -0.59 0.00	41.13 -0.46 0.00	34.59 -0.42 0.00	29.84 -0.45 0.00	25.72 -0.34 0.00	23.88 -0.24 0.00	20.97 -0.19 0.00
NEG MILLWOOD___DRP 24198	21.45 1.31 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.41 1.28 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.08 2.29 0.00	30.88 2.29 0.00	27.51 2.06 0.00	26.41 2.05 0.00	25.94 2.01 0.00	26.55 2.12 0.00	27.02 2.05 0.00	28.36 2.22 0.00	32.16 2.52 0.00	37.20 3.04 0.00	49.42 4.04 0.00	45.29 3.70 0.00	37.99 2.98 0.00	32.96 2.67 0.00	28.25 2.19 0.00	26.05 1.93 0.00	22.67 1.50 0.00
NEG NORTH_FLCN_SEA 23793	10.08 -0.87 9.19	18.10 -0.83 0.01	17.91 -0.79 0.01	17.03 -0.73 0.01	18.40 -0.73 0.00	19.40 -0.66 0.00	28.93 -1.24 0.00	31.67 -1.11 0.00	27.30 -1.29 0.01	24.14 -1.30 0.01	23.00 -1.36 0.01	22.78 -1.15 0.00	23.15 -1.27 0.00	23.62 -1.35 0.00	24.89 -1.25 0.00	28.19 -1.45 0.00	32.47 -1.67 0.01	37.41 -2.09 5.89	17.03 -1.58 22.98	-6.34 -1.33 40.02	-6.46 -1.18 35.57	-6.53 -1.12 31.47	-6.59 -1.11 29.60	-6.62 -1.04 26.75
NEG NORTH_KES_CHATEGAY 23792	10.62 -0.73 8.80	18.24 -0.70 0.01	18.02 -0.67 0.01	17.14 -0.62 0.01	18.49 -0.63 0.00	19.46 -0.60 0.00	29.33 -0.84 0.00	32.00 -0.79 0.00	27.61 -0.97 0.01	24.47 -0.97 0.01	23.36 -1.00 0.01	23.04 -0.89 0.00	23.47 -0.95 0.00	23.95 -1.02 0.00	25.20 -0.94 0.00	28.57 -1.07 0.00	32.95 -1.20 0.01	37.81 -1.36 6.22	18.31 -1.29 21.99	-6.25 -1.09 40.18	-6.47 -1.00 35.77	-6.54 -0.91 31.69	-6.68 -0.96 29.84	-6.72 -0.89 26.99
NEG NORTH___ALICE_FALLS 23915	10.27 -0.75 9.13	18.20 -0.74 0.01	18.00 -0.69 0.01	17.10 -0.66 0.01	18.47 -0.65 0.00	19.48 -0.58 0.00	29.24 -0.94 0.00	31.96 -0.82 0.00	27.55 -1.03 0.01	24.37 -1.07 0.01	23.19 -1.17 0.01	22.97 -0.96 0.00	23.32 -1.10 0.00	23.80 -1.17 0.00	25.07 -1.07 0.00	28.43 -1.22 0.00	32.82 -1.33 0.01	37.86 -1.59 5.94	17.52 -1.25 22.82	-6.01 -0.98 40.04	-6.22 -0.91 35.60	-6.31 -0.86 31.50	-6.44 -0.92 29.64	-6.49 -0.87 26.78
NEG NORTH___LWR_SARANAC 23913	10.27 -0.75 9.13	18.20 -0.74 0.01	18.00 -0.69 0.01	17.10 -0.66 0.01	18.47 -0.65 0.00	19.48 -0.58 0.00	29.24 -0.94 0.00	31.96 -0.82 0.00	27.55 -1.03 0.01	24.37 -1.07 0.01	23.19 -1.17 0.01	22.97 -0.96 0.00	23.32 -1.10 0.00	23.80 -1.17 0.00	25.07 -1.07 0.00	28.43 -1.22 0.00	32.82 -1.33 0.01	37.86 -1.59 5.94	17.52 -1.25 22.82	-6.01 -0.98 40.04	-6.22 -0.91 35.60	-6.31 -0.86 31.50	-6.44 -0.92 29.64	-6.49 -0.87 26.78
NEG NORTH___PLATTSBURG 23628	10.27 -0.74 9.13	18.20 -0.74 0.01	18.00 -0.69 0.01	17.10 -0.66 0.01	18.47 -0.65 0.00	19.48 -0.58 0.00	29.24 -0.94 0.00	31.97 -0.82 0.00	27.55 -1.03 0.01	24.37 -1.07 0.01	23.19 -1.17 0.01	22.97 -0.96 0.00	23.32 -1.10 0.00	23.82 -1.15 0.00	25.07 -1.07 0.00	28.43 -1.22 0.00	32.82 -1.33 0.01	37.86 -1.59 5.94	17.52 -1.25 22.82	-6.01 -0.98 40.04	-6.21 -0.91 35.60	-6.30 -0.86 31.50	-6.44 -0.92 29.64	-6.49 -0.87 26.78
NEG WEST_LEA_LOCKPORT 23791	18.75 -1.39 0.00	17.47 -1.48 0.00	17.30 -1.40 0.00	16.44 -1.33 0.00	17.77 -1.36 0.00	18.84 -1.22 0.00	28.39 -1.78 0.00	30.26 -2.52 0.00	26.19 -2.40 0.00	23.39 -2.06 0.00	22.49 -1.88 0.00	22.04 -1.89 0.00	22.32 -2.10 0.00	23.10 -1.87 0.00	23.84 -2.30 0.00	26.83 -2.82 0.00	30.71 -3.45 0.00	39.84 -5.54 0.00	36.97 -4.62 0.00	31.23 -3.78 0.00	26.90 -3.39 0.00	23.63 -2.42 0.00	22.22 -1.91 0.00	19.81 -1.35 0.00
NEG WEST___LANCASTR 23811	19.38 -0.77 0.00	18.07 -0.87 0.00	17.88 -0.82 0.00	17.00 -0.76 0.00	18.40 -0.73 0.00	19.52 -0.54 0.00	29.60 -0.57 0.00	31.74 -1.05 0.00	27.39 -1.20 0.00	24.40 -1.04 0.00	23.51 -0.85 0.00	22.97 -0.96 0.00	23.32 -1.10 0.00	24.07 -0.90 0.00	24.83 -1.31 0.00	27.89 -1.75 0.00	32.11 -2.05 0.00	42.02 -3.36 0.01	38.93 -2.66 0.00	32.87 -2.14 0.00	28.14 -2.15 0.00	24.65 -1.41 0.00	23.13 -0.99 0.00	20.46 -0.70 0.00
NEG_PENN_ALLEGHNY 23528	20.14 0.00 0.00	18.91 -0.04 0.00	18.62 -0.07 0.00	17.71 -0.05 0.00	19.09 -0.04 0.00	20.11 0.04 0.00	30.38 0.21 0.00	32.92 0.13 0.00	28.59 0.00 0.00	25.45 0.00 0.00	24.39 0.02 0.00	23.93 0.00 0.00	24.37 -0.05 0.00	24.94 -0.02 0.00	26.06 -0.08 0.00	29.49 -0.15 0.00	34.02 -0.14 0.00	45.07 -0.32 0.00	41.42 -0.17 0.00	34.87 -0.14 0.00	30.05 -0.24 0.00	25.95 -0.10 0.00	24.12 0.00 0.00	21.16 0.00 0.00
NEG___GEN_MONROE 24207	19.27 -0.87 0.00	18.04 -0.91 0.00	17.80 -0.90 0.00	16.91 -0.85 0.00	18.28 -0.84 0.00	19.34 -0.72 0.00	29.12 -1.06 0.00	31.28 -1.51 0.00	27.10 -1.49 0.00	24.18 -1.27 0.00	23.20 -1.17 0.00	22.78 -1.15 0.00	23.13 -1.29 0.00	23.77 -1.20 0.00	24.65 -1.49 0.00	27.89 -1.75 0.00	32.00 -2.15 0.00	41.94 -3.45 0.00	38.76 -2.83 0.00	32.70 -2.31 0.00	28.17 -2.12 0.00	24.55 -1.51 0.00	22.99 -1.13 0.00	20.38 -0.78 0.00

NEPA___ENERGY 23901	19.19 -0.95 0.00	17.92 -1.02 0.00	17.71 -0.99 0.00	16.84 -0.92 0.00	18.24 -0.88 0.00	19.36 -0.70 0.00	29.33 -0.84 0.00	31.51 -1.28 0.00	27.19 -1.40 0.00	24.23 -1.22 0.00	23.32 -1.05 0.00	22.85 -1.08 0.00	23.13 -1.29 0.00	23.85 -1.12 0.00	24.60 -1.54 0.00	27.63 -2.02 0.00	31.83 -2.32 0.00	41.57 -3.81 0.01	38.68 -2.91 0.00	32.66 -2.35 0.00	27.96 -2.33 0.00	24.49 -1.56 0.00	22.96 -1.16 0.00	20.27 -0.89 0.00
NEVERSink___HYD 23608	21.23 1.09 0.00	19.97 1.02 0.00	19.69 0.99 0.00	18.69 0.92 0.00	20.18 1.05 0.00	21.21 1.14 0.00	31.89 1.72 0.00	34.75 1.97 0.00	30.53 1.95 0.00	27.15 1.71 0.00	25.98 1.61 0.00	25.44 1.51 0.00	26.03 1.61 0.00	26.57 1.60 0.00	27.86 1.72 0.00	31.60 1.96 0.00	36.58 2.43 0.00	48.74 3.36 0.00	44.59 3.00 0.00	37.50 2.49 0.00	32.48 2.18 0.00	27.85 1.80 0.00	25.71 1.59 0.00	22.48 1.31 0.00
NEWKRMKL_115KV_TB1 55635	20.87 0.73 0.00	19.65 0.70 0.00	19.39 0.69 0.00	18.44 0.68 0.00	19.85 0.73 0.00	20.75 0.68 0.00	31.17 1.00 0.00	33.93 1.15 0.00	29.73 1.14 0.00	26.44 0.99 0.00	25.32 0.95 0.00	24.86 0.93 0.00	25.42 1.00 0.00	25.99 1.02 0.00	27.19 1.05 0.00	30.86 1.22 0.00	35.59 1.43 0.00	47.38 2.00 0.00	43.38 1.79 0.00	36.51 1.51 0.00	31.63 1.33 0.00	27.13 1.07 0.00	25.06 0.94 0.00	21.92 0.76 0.00
NEWTON___FALLS_HYD 23847	17.91 0.38 2.62	19.34 0.40 0.00	19.00 0.30 0.00	18.09 0.32 0.00	19.53 0.40 0.00	20.63 0.56 0.00	31.47 1.30 0.00	34.26 1.48 0.00	29.42 0.83 0.00	25.88 0.43 0.00	24.61 0.24 0.00	24.07 0.14 0.00	24.52 0.10 0.00	24.94 -0.02 0.00	26.48 0.34 0.00	30.23 0.59 0.00	35.01 0.85 0.00	50.03 2.18 -2.47	36.96 1.91 6.54	38.65 1.61 -2.03	33.61 1.12 -2.20	29.16 0.83 -2.27	26.88 0.43 -2.33	23.80 0.28 -2.36
NGRID_A1_DSASP 323792	18.55 -1.59 0.00	17.41 -1.53 0.00	17.09 -1.61 0.00	16.24 -1.53 0.00	17.56 -1.57 0.00	18.58 -1.48 0.00	27.94 -2.23 0.00	29.80 -2.98 0.00	25.76 -2.83 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	22.00 -2.42 0.00	22.62 -2.35 0.00	23.50 -2.64 0.00	26.35 -3.29 0.00	30.19 -3.96 0.00	39.12 -6.26 0.01	36.27 -5.32 0.00	30.77 -4.24 0.00	26.45 -3.85 0.00	23.22 -2.84 0.00	21.83 -2.29 0.00	19.53 -1.63 0.00
NGRID_A2_DSASP 323793	18.55 -1.59 0.00	17.41 -1.53 0.00	17.09 -1.61 0.00	16.24 -1.53 0.00	17.56 -1.57 0.00	18.58 -1.48 0.00	27.94 -2.23 0.00	29.80 -2.98 0.00	25.76 -2.83 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	22.00 -2.42 0.00	22.62 -2.35 0.00	23.50 -2.64 0.00	26.35 -3.29 0.00	30.19 -3.96 0.00	39.12 -6.26 0.01	36.27 -5.32 0.00	30.77 -4.24 0.00	26.45 -3.85 0.00	23.22 -2.84 0.00	21.83 -2.29 0.00	19.53 -1.63 0.00
NGRID_A4_DSASP 323807	18.55 -1.59 0.00	17.41 -1.53 0.00	17.09 -1.61 0.00	16.24 -1.53 0.00	17.56 -1.57 0.00	18.58 -1.48 0.00	27.94 -2.23 0.00	29.80 -2.98 0.00	25.76 -2.83 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	22.00 -2.42 0.00	22.62 -2.35 0.00	23.50 -2.64 0.00	26.35 -3.29 0.00	30.19 -3.96 0.00	39.12 -6.26 0.01	36.27 -5.32 0.00	30.77 -4.24 0.00	26.45 -3.85 0.00	23.22 -2.84 0.00	21.83 -2.29 0.00	19.53 -1.63 0.00
NIAGARA_115E_LBMP 323715	18.47 -1.67 0.00	17.34 -1.61 0.00	17.02 -1.68 0.00	16.17 -1.60 0.00	17.48 -1.64 0.00	18.52 -1.54 0.00	27.85 -2.32 0.00	29.74 -3.05 0.00	25.70 -2.89 0.00	22.93 -2.52 0.00	22.05 -2.32 0.00	21.63 -2.30 0.00	21.93 -2.49 0.00	22.57 -2.40 0.00	23.42 -2.72 0.00	26.29 -3.35 0.00	30.12 -4.03 0.00	39.07 -6.31 0.01	36.22 -5.36 0.00	30.74 -4.27 0.00	26.39 -3.91 0.00	23.16 -2.89 0.00	21.78 -2.34 0.00	19.47 -1.69 0.00
NIAGARA_115W_LBMP 323714	18.51 -1.63 0.00	17.37 -1.57 0.00	17.05 -1.65 0.00	16.20 -1.56 0.00	17.52 -1.61 0.00	18.54 -1.53 0.00	27.88 -2.29 0.00	29.74 -3.05 0.00	25.70 -2.89 0.00	22.93 -2.52 0.00	22.05 -2.32 0.00	21.63 -2.30 0.00	21.96 -2.47 0.00	22.57 -2.40 0.00	23.45 -2.69 0.00	26.29 -3.35 0.00	30.12 -4.03 0.00	39.02 -6.35 0.01	36.22 -5.36 0.00	30.70 -4.31 0.00	26.39 -3.91 0.00	23.16 -2.89 0.00	21.78 -2.34 0.00	19.49 -1.67 0.00
NIAGARA_230_LBMP 323716	18.69 -1.45 0.00	17.54 -1.40 0.00	17.22 -1.48 0.00	16.36 -1.40 0.00	17.69 -1.43 0.00	18.72 -1.34 0.00	28.15 -2.02 0.00	30.06 -2.72 0.00	25.96 -2.63 0.00	23.18 -2.26 0.00	22.30 -2.07 0.00	21.87 -2.06 0.00	22.18 -2.25 0.00	22.80 -2.17 0.00	23.68 -2.46 0.00	26.59 -3.05 0.00	30.47 -3.69 0.00	39.52 -5.85 0.01	36.68 -4.91 0.00	31.09 -3.92 0.00	26.69 -3.61 0.00	23.43 -2.63 0.00	22.02 -2.10 0.00	19.68 -1.48 0.00
NIAGARA___115KV_198_GIBSON 55903	18.49 -1.65 0.00	17.22 -1.72 0.00	17.05 -1.65 0.00	16.20 -1.56 0.00	17.52 -1.61 0.00	18.54 -1.52 0.00	27.88 -2.29 0.00	29.64 -3.15 0.00	25.67 -2.92 0.00	22.93 -2.52 0.00	22.05 -2.31 0.00	21.63 -2.30 0.00	21.91 -2.52 0.00	22.65 -2.32 0.00	23.40 -2.74 0.00	26.29 -3.35 0.00	30.06 -4.10 0.00	38.98 -6.40 0.01	36.18 -5.41 0.00	30.60 -4.41 0.00	26.39 -3.91 0.00	23.19 -2.87 0.00	21.81 -2.32 0.00	19.49 -1.67 0.00
NIAGARA___ 23760	18.69 -1.45 0.00	17.54 -1.40 0.00	17.22 -1.48 0.00	16.36 -1.40 0.00	17.69 -1.43 0.00	18.72 -1.34 0.00	28.15 -2.02 0.00	30.06 -2.72 0.00	25.96 -2.63 0.00	23.18 -2.26 0.00	22.30 -2.07 0.00	21.87 -2.06 0.00	22.18 -2.25 0.00	22.80 -2.17 0.00	23.68 -2.46 0.00	26.59 -3.05 0.00	30.47 -3.69 0.00	39.52 -5.85 0.01	36.68 -4.91 0.00	31.09 -3.92 0.00	26.69 -3.61 0.00	23.43 -2.63 0.00	22.02 -2.10 0.00	19.68 -1.48 0.00
NINE_MILE_1 23575	19.56 -0.58 0.00	18.38 -0.57 0.00	18.14 -0.56 0.00	17.24 -0.53 0.00	18.55 -0.57 0.00	19.46 -0.60 0.00	29.21 -0.97 0.00	31.64 -1.15 0.00	27.53 -1.06 0.00	24.48 -0.97 0.00	23.47 -0.90 0.00	23.05 -0.88 0.00	23.49 -0.93 0.00	24.05 -0.92 0.00	25.15 -0.99 0.00	28.52 -1.13 0.00	32.86 -1.30 0.00	43.57 -1.82 0.00	39.97 -1.62 0.00	33.64 -1.37 0.00	29.05 -1.24 0.00	25.04 -1.02 0.00	23.20 -0.92 0.00	20.40 -0.76 0.00
NINE_MILE_2 23744	19.56 -0.58 0.00	18.38 -0.57 0.00	18.14 -0.56 0.00	17.24 -0.53 0.00	18.55 -0.57 0.00	19.46 -0.60 0.00	29.21 -0.97 0.00	31.64 -1.15 0.00	27.53 -1.06 0.00	24.48 -0.97 0.00	23.47 -0.90 0.00	23.05 -0.88 0.00	23.49 -0.93 0.00	24.05 -0.92 0.00	25.15 -0.99 0.00	28.52 -1.13 0.00	32.86 -1.30 0.00	43.57 -1.82 0.00	39.97 -1.62 0.00	33.64 -1.37 0.00	29.08 -1.21 0.00	25.04 -1.02 0.00	23.20 -0.92 0.00	20.40 -0.76 0.00
NM_CAPITAL___DRP 24208	20.93 0.79 0.00	19.68 0.74 0.00	19.45 0.75 0.00	18.48 0.71 0.00	19.89 0.76 0.00	20.81 0.74 0.00	31.26 1.09 0.00	34.03 1.25 0.00	29.82 1.23 0.00	26.54 1.09 0.00	25.41 1.05 0.00	24.96 1.03 0.00	25.52 1.10 0.00	26.07 1.10 0.00	27.29 1.15 0.00	30.95 1.30 0.00	35.69 1.54 0.00	47.47 2.09 0.00	43.50 1.91 0.00	36.62 1.61 0.00	31.72 1.42 0.00	27.20 1.15 0.00	25.13 1.01 0.00	21.99 0.83 0.00

NM_CENTRAL___DRP 24181	19.88 -0.26 0.00	18.66 -0.28 0.00	18.42 -0.28 0.00	17.50 -0.27 0.00	18.86 -0.27 0.00	19.80 -0.26 0.00	29.81 -0.36 0.00	32.26 -0.52 0.00	28.05 -0.54 0.00	24.96 -0.48 0.00	23.90 -0.46 0.00	23.48 -0.45 0.00	23.93 -0.49 0.00	24.49 -0.47 0.00	25.62 -0.52 0.00	29.11 -0.53 0.00	33.54 -0.61 0.00	44.48 -0.91 0.00	40.76 -0.83 0.00	34.27 -0.74 0.00	29.60 -0.70 0.00	25.51 -0.55 0.00	23.69 -0.43 0.00	20.85 -0.32 0.00
NM_FRONTIER___DRP 24179	18.49 -1.65 0.00	17.22 -1.72 0.00	17.05 -1.65 0.00	16.20 -1.56 0.00	17.52 -1.61 0.00	18.54 -1.52 0.00	27.88 -2.29 0.00	29.64 -3.15 0.00	25.67 -2.92 0.00	22.93 -2.52 0.00	22.05 -2.31 0.00	21.63 -2.30 0.00	21.91 -2.52 0.00	22.65 -2.32 0.00	23.40 -2.74 0.00	26.29 -3.35 0.00	30.06 -4.10 0.00	38.98 -6.40 0.01	36.18 -5.41 0.00	30.60 -4.41 0.00	26.39 -3.91 0.00	23.19 -2.87 0.00	21.81 -2.32 0.00	19.49 -1.67 0.00
NM_ST_REGIS___HYD 24053	15.64 0.26 4.76	19.21 0.27 0.00	18.88 0.19 0.00	17.96 0.20 0.00	19.41 0.29 0.00	20.53 0.46 0.00	31.35 1.18 0.00	34.16 1.38 0.00	29.27 0.69 0.00	25.72 0.28 0.00	24.44 0.07 0.00	23.93 0.00 0.00	24.35 -0.07 0.00	24.79 -0.17 0.00	26.32 0.18 0.00	30.03 0.39 0.00	34.80 0.65 0.00	51.58 1.95 -4.24	31.44 1.75 11.90	39.36 1.44 -2.91	34.57 1.00 -3.28	30.23 0.70 -3.47	27.99 0.27 -3.61	25.00 0.13 -3.71
NORTHPORT___1 23551	21.79 1.65 0.00	20.35 1.40 0.00	20.06 1.36 0.00	18.98 1.21 0.00	20.39 1.26 0.00	21.71 1.65 0.00	31.11 0.94 0.00	34.16 1.38 0.00	30.30 1.72 0.00	27.61 2.16 0.00	26.49 2.12 0.00	26.30 2.37 0.00	26.69 2.27 0.00	27.37 2.40 0.00	28.13 1.99 0.00	31.72 2.07 0.00	36.75 2.59 0.00	49.51 4.13 0.00	44.54 2.95 0.00	37.39 2.38 0.00	32.59 2.30 0.00	28.45 2.40 0.00	26.39 2.27 0.00	22.94 1.78 0.00
NORTHPORT___2 23552	21.79 1.65 0.00	20.35 1.40 0.00	20.06 1.36 0.00	18.98 1.21 0.00	20.39 1.26 0.00	21.71 1.65 0.00	31.11 0.94 0.00	34.16 1.38 0.00	30.30 1.72 0.00	27.61 2.16 0.00	26.49 2.12 0.00	26.30 2.37 0.00	26.69 2.27 0.00	27.37 2.40 0.00	28.13 1.99 0.00	31.72 2.07 0.00	36.75 2.59 0.00	49.51 4.13 0.00	44.54 2.95 0.00	37.39 2.38 0.00	32.59 2.30 0.00	28.45 2.40 0.00	26.39 2.27 0.00	22.94 1.78 0.00
NORTHPORT___3 23553	21.75 1.61 0.00	20.33 1.38 0.00	20.05 1.35 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.67 1.61 0.00	31.11 0.94 0.00	34.06 1.28 0.00	30.25 1.66 0.00	27.66 2.21 0.00	26.54 2.17 0.00	26.30 2.37 0.00	26.67 2.25 0.00	27.27 2.30 0.00	28.02 1.88 0.00	31.57 1.93 0.00	36.62 2.46 0.00	49.29 3.90 0.00	44.42 2.83 0.00	37.28 2.27 0.00	32.48 2.18 0.00	28.25 2.19 0.00	26.36 2.24 0.00	22.94 1.78 0.00
NORTHPORT___4 23650	21.75 1.61 0.00	20.33 1.38 0.00	20.05 1.35 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.67 1.61 0.00	31.11 0.94 0.00	34.06 1.28 0.00	30.25 1.66 0.00	27.66 2.21 0.00	26.54 2.17 0.00	26.30 2.37 0.00	26.67 2.25 0.00	27.27 2.30 0.00	28.02 1.88 0.00	31.57 1.93 0.00	36.62 2.46 0.00	49.29 3.90 0.00	44.42 2.83 0.00	37.28 2.27 0.00	32.48 2.18 0.00	28.25 2.19 0.00	26.36 2.24 0.00	22.94 1.78 0.00
NORTHPORT___IC 23718	21.85 1.71 0.00	20.33 1.38 0.00	20.06 1.37 0.00	18.98 1.21 0.00	20.39 1.26 0.00	21.71 1.65 0.00	31.11 0.94 0.00	34.19 1.41 0.00	30.33 1.74 0.00	27.61 2.16 0.00	26.49 2.12 0.00	26.30 2.37 0.00	26.91 2.49 0.00	27.14 2.17 0.00	28.28 2.14 0.00	31.72 2.07 0.00	36.75 2.60 0.00	49.15 3.77 0.00	44.46 2.87 0.00	37.57 2.56 0.00	32.60 2.30 0.00	28.40 2.35 0.00	26.22 2.10 0.00	22.77 1.61 0.00
NORTH___COUNTRY_ESR 323785	10.57 -0.79 8.79	18.20 -0.74 0.01	17.98 -0.71 0.01	17.10 -0.66 0.01	18.45 -0.67 0.00	19.40 -0.66 0.00	29.24 -0.94 0.00	31.93 -0.85 0.00	27.55 -1.03 0.01	24.42 -1.02 0.01	23.31 -1.05 0.01	23.02 -0.91 0.00	23.42 -1.00 0.00	23.92 -1.05 0.00	25.15 -0.99 0.00	28.52 -1.13 0.00	32.89 -1.26 0.01	37.67 -1.50 6.22	18.20 -1.41 21.97	-6.36 -1.19 40.18	-6.54 -1.06 35.77	-6.63 -0.99 31.69	-6.73 -1.01 29.84	-6.79 -0.95 27.00
NPX_GEN_1385_PROXY 323591	21.77 1.63 0.00	20.33 1.38 0.00	20.05 1.35 0.00	18.96 1.19 0.00	20.16 1.03 0.00	21.61 1.55 0.00	31.05 0.88 0.00	34.36 1.57 0.00	30.45 1.86 0.00	27.59 2.14 0.00	26.39 2.02 0.00	26.20 2.27 0.00	26.74 2.32 0.00	27.59 2.62 0.00	28.44 2.30 0.00	32.04 2.40 0.00	36.92 2.77 0.00	49.18 4.13 0.33	44.96 3.03 -0.33	37.60 2.59 0.00	32.75 2.45 0.00	28.61 2.56 0.00	26.46 2.34 0.00	22.98 1.82 0.00
NPX_GEN_CSC 323557	22.05 1.91 0.00	20.58 1.63 0.00	20.29 1.59 0.00	19.17 1.40 0.00	20.65 1.53 0.00	22.01 1.95 0.00	31.50 1.33 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.71 2.26 0.00	26.66 2.29 0.00	26.49 2.56 0.00	26.84 2.42 0.00	27.54 2.57 0.00	28.41 2.27 0.00	32.10 2.46 0.00	37.37 3.21 0.00	50.22 5.17 0.33	45.37 3.45 -0.33	37.95 2.94 0.00	33.05 2.76 0.00	28.92 2.87 0.00	26.39 2.27 0.00	22.90 1.74 0.00
NSINS_S_GLNS_FALLS 23858	21.73 1.59 0.00	20.46 1.52 0.00	20.14 1.44 0.00	19.12 1.35 0.00	20.60 1.47 0.00	21.13 1.06 0.00	31.89 1.72 0.00	34.62 1.84 0.00	30.33 1.74 0.00	26.90 1.45 0.00	25.73 1.36 0.00	25.15 1.22 0.00	25.69 1.27 0.00	26.27 1.30 0.00	27.39 1.25 0.00	31.21 1.57 0.00	36.03 1.88 0.00	48.29 2.90 0.00	44.25 2.66 0.00	37.18 2.17 0.00	32.08 1.79 0.00	27.49 1.43 0.00	25.45 1.33 0.00	22.67 1.50 0.00
NUCOR_STEEL___DRP 24197	20.04 -0.10 0.00	18.79 -0.15 0.00	18.55 -0.15 0.00	17.64 -0.12 0.00	18.99 -0.13 0.00	19.97 -0.10 0.00	30.11 -0.06 0.00	32.65 -0.13 0.00	28.33 -0.26 0.00	25.19 -0.25 0.00	24.12 -0.24 0.00	23.69 -0.24 0.00	24.13 -0.29 0.00	24.72 -0.25 0.00	25.83 -0.31 0.00	29.32 -0.33 0.00	33.81 -0.34 0.00	44.84 -0.54 0.00	41.13 -0.46 0.00	34.59 -0.42 0.00	29.84 -0.45 0.00	25.74 -0.31 0.00	23.90 -0.22 0.00	21.01 -0.15 0.00
NUMBER_THREE_WT_PWR 323818	19.59 0.34 0.90	19.30 0.36 0.00	18.98 0.28 0.00	18.05 0.28 0.00	19.47 0.34 0.00	20.53 0.46 0.00	31.17 0.99 0.00	33.93 1.15 0.00	29.27 0.69 0.00	25.85 0.41 0.00	24.64 0.27 0.00	24.10 0.17 0.00	24.57 0.15 0.00	25.04 0.08 0.00	26.53 0.39 0.00	30.20 0.56 0.00	34.91 0.75 0.00	48.23 1.77 -1.07	40.89 1.54 2.24	37.70 1.26 -1.44	32.60 0.88 -1.43	28.13 0.68 -1.40	25.87 0.36 -1.39	22.77 0.25 -1.36
NYISO_LBMP_REFERENCE 24008	20.14 0.00 0.00	18.95 0.00 0.00	18.70 0.00 0.00	17.77 0.00 0.00	19.12 0.00 0.00	20.07 0.00 0.00	30.17 0.00 0.00	32.78 0.00 0.00	28.59 0.00 0.00	25.45 0.00 0.00	24.37 0.00 0.00	23.93 0.00 0.00	24.42 0.00 0.00	24.97 0.00 0.00	26.14 0.00 0.00	29.64 0.00 0.00	34.16 0.00 0.00	45.39 0.00 0.00	41.59 0.00 0.00	35.01 0.00 0.00	30.29 0.00 0.00	26.06 0.00 0.00	24.12 0.00 0.00	21.16 0.00 0.00

NYPA_BRENTWD____GT 24164	21.99 1.85 0.00	20.52 1.57 0.00	20.23 1.53 0.00	19.14 1.37 0.00	20.60 1.47 0.00	21.93 1.87 0.00	31.50 1.33 0.00	34.55 1.77 0.00	30.65 2.06 0.00	27.84 2.39 0.00	26.76 2.39 0.00	26.56 2.63 0.00	26.94 2.52 0.00	27.64 2.67 0.00	28.47 2.33 0.00	32.10 2.46 0.00	37.26 3.11 0.00	50.24 4.86 0.00	45.12 3.53 0.00	37.88 2.87 0.00	32.99 2.70 0.00	28.85 2.79 0.00	26.63 2.51 0.00	23.11 1.95 0.00
NYPA_GOWANUS____GT5 24156	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NYPA_GOWANUS____GT6 24157	21.59 1.45 0.00	20.25 1.31 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.08 2.29 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.52 2.87 -0.01	37.33 3.18 0.00	49.51 4.13 0.00	45.12 3.53 0.00	38.09 3.08 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.41 2.29 0.00	23.03 1.86 0.00
NYPA_HARLEM_RVR_GT1 24160	21.64 1.49 -0.01	20.32 1.36 -0.01	20.05 1.35 -0.01	19.04 1.26 -0.01	20.51 1.38 -0.01	21.49 1.42 0.00	32.32 2.14 -0.01	35.28 2.49 -0.01	31.13 2.54 0.00	27.87 2.42 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.96 2.54 0.00	27.57 2.60 0.00	28.82 2.67 -0.01	32.59 2.94 -0.01	37.40 3.25 0.00	49.65 4.26 0.00	45.25 3.66 0.00	38.20 3.19 -0.01	33.39 3.09 -0.01	28.59 2.53 -0.01	26.47 2.34 -0.01	23.12 1.95 -0.01
NYPA_HARLEM_RVR_GT2 24161	21.64 1.49 -0.01	20.32 1.36 -0.01	20.05 1.35 -0.01	19.04 1.26 -0.01	20.51 1.38 -0.01	21.49 1.42 0.00	32.32 2.14 -0.01	35.28 2.49 -0.01	31.13 2.54 0.00	27.87 2.42 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.96 2.54 0.00	27.57 2.60 0.00	28.82 2.67 -0.01	32.59 2.94 -0.01	37.40 3.25 0.00	49.65 4.26 0.00	45.25 3.66 0.00	38.20 3.19 -0.01	33.39 3.09 -0.01	28.59 2.53 -0.01	26.47 2.34 -0.01	23.12 1.95 -0.01
NYPA_KENT____GT 24152	21.55 1.41 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.94 1.17 0.00	20.41 1.28 0.00	21.41 1.34 0.00	32.16 1.99 0.00	35.08 2.29 0.00	31.05 2.46 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.23 2.30 0.00	26.86 2.44 0.00	27.47 2.50 0.00	28.74 2.59 -0.01	32.50 2.85 0.00	37.26 3.11 0.00	49.47 4.09 0.00	45.08 3.49 0.00	38.05 3.04 0.00	33.29 3.00 0.00	28.48 2.42 0.00	26.36 2.24 0.00	23.00 1.84 0.00
NYPA_POUCH1____GT 24155	21.63 1.49 0.00	20.27 1.33 0.00	20.01 1.31 0.00	18.98 1.21 0.00	20.44 1.32 0.00	21.43 1.37 0.00	32.19 2.02 0.00	34.88 2.10 0.00	30.99 2.40 0.00	27.71 2.26 0.00	26.56 2.19 0.00	26.18 2.25 0.00	26.82 2.39 0.00	27.44 2.47 0.00	28.71 2.56 -0.01	32.47 2.82 -0.01	37.16 3.01 0.00	49.33 3.95 0.00	44.96 3.37 0.00	37.91 2.90 0.00	33.32 3.03 0.00	28.51 2.45 0.00	26.44 2.32 0.00	23.05 1.88 0.00
NYPA_VERNON____GT2 24162	21.53 1.39 0.00	20.22 1.27 0.00	19.95 1.25 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.41 1.34 0.00	32.16 1.99 0.00	35.08 2.29 0.00	31.05 2.46 0.00	27.76 2.32 0.00	26.61 2.24 0.00	26.23 2.30 0.00	26.84 2.42 0.00	27.44 2.47 0.00	28.68 2.53 -0.01	32.44 2.79 -0.01	37.26 3.11 0.00	49.42 4.04 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.23 2.94 0.00	28.43 2.37 0.00	26.32 2.19 0.00	22.98 1.82 0.00
NYPA_VERNON____GT3 24163	21.53 1.39 0.00	20.22 1.27 0.00	19.95 1.25 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.41 1.34 0.00	32.16 1.99 0.00	35.08 2.29 0.00	31.05 2.46 0.00	27.76 2.32 0.00	26.61 2.24 0.00	26.23 2.30 0.00	26.84 2.42 0.00	27.44 2.47 0.00	28.68 2.53 -0.01	32.44 2.79 -0.01	37.26 3.11 0.00	49.42 4.04 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.23 2.94 0.00	28.43 2.37 0.00	26.32 2.19 0.00	22.98 1.82 0.00
NYPA____ASTORIA_CC1 323568	21.51 1.37 0.00	20.20 1.25 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.04 2.26 0.00	31.02 2.43 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.82 2.39 0.00	27.44 2.47 0.00	28.68 2.53 -0.01	32.41 2.76 -0.01	37.23 3.08 0.00	49.38 3.99 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.32 2.19 0.00	22.96 1.80 0.00
NYPA____ASTORIA_CC2 323569	21.51 1.37 0.00	20.20 1.25 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.04 2.26 0.00	31.02 2.43 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.82 2.39 0.00	27.44 2.47 0.00	28.68 2.53 -0.01	32.41 2.76 -0.01	37.23 3.08 0.00	49.38 3.99 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.32 2.19 0.00	22.96 1.80 0.00
NYPA____HOLTSVILL 23794	21.91 1.77 0.00	20.46 1.52 0.00	20.18 1.48 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.85 1.79 0.00	31.32 1.15 0.00	34.29 1.51 0.00	30.45 1.86 0.00	27.61 2.16 0.00	26.56 2.19 0.00	26.37 2.44 0.00	26.74 2.32 0.00	27.42 2.45 0.00	28.28 2.14 0.00	31.89 2.25 0.00	37.02 2.87 0.00	49.97 4.58 0.00	44.79 3.20 0.00	37.64 2.63 0.00	32.81 2.51 0.00	28.74 2.68 0.00	26.46 2.34 0.00	22.98 1.82 0.00
NYPA____HELLGATE_GT1 24158	21.64 1.49 -0.01	20.32 1.36 -0.01	20.05 1.35 -0.01	19.04 1.26 -0.01	20.51 1.38 -0.01	21.49 1.42 0.00	32.32 2.14 -0.01	35.28 2.49 -0.01	31.13 2.54 0.00	27.87 2.42 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.96 2.54 0.00	27.57 2.60 0.00	28.82 2.67 -0.01	32.59 2.94 -0.01	37.40 3.25 0.00	49.65 4.26 0.00	45.25 3.66 0.00	38.20 3.19 -0.01	33.39 3.09 -0.01	28.59 2.53 -0.01	26.47 2.34 -0.01	23.12 1.95 -0.01
NYPA____HELLGATE_GT2 24159	21.64 1.49 -0.01	20.32 1.36 -0.01	20.05 1.35 -0.01	19.04 1.26 -0.01	20.51 1.38 -0.01	21.49 1.42 0.00	32.32 2.14 -0.01	35.28 2.49 -0.01	31.13 2.54 0.00	27.87 2.42 0.00	26.71 2.34 0.00	26.32 2.39 0.00	26.96 2.54 0.00	27.57 2.60 0.00	28.82 2.67 -0.01	32.59 2.94 -0.01	37.40 3.25 0.00	49.65 4.26 0.00	45.25 3.66 0.00	38.20 3.19 -0.01	33.39 3.09 -0.01	28.59 2.53 -0.01	26.47 2.34 -0.01	23.12 1.95 -0.01
NYS_BARGE__HYD 23848	18.79 -1.35 0.00	17.62 -1.33 0.00	17.30 -1.40 0.00	16.43 -1.33 0.00	17.77 -1.36 0.00	18.82 -1.24 0.00	28.39 -1.78 0.00	30.39 -2.39 0.00	26.22 -2.37 0.00	23.39 -2.06 0.00	22.49 -1.88 0.00	22.04 -1.89 0.00	22.37 -2.05 0.00	23.02 -1.95 0.00	23.89 -2.25 0.00	26.83 -2.82 0.00	30.77 -3.38 0.00	39.89 -5.49 0.00	37.01 -4.57 0.00	31.37 -3.64 0.00	26.90 -3.39 0.00	23.61 -2.45 0.00	22.19 -1.93 0.00	19.81 -1.35 0.00

OAK ORCHARD___HYD 24046	19.31 -0.83 0.00	18.13 -0.81 0.00	17.82 -0.88 0.00	16.93 -0.83 0.00	18.28 -0.84 0.00	19.30 -0.76 0.00	29.12 -1.06 0.00	31.41 -1.38 0.00	27.19 -1.40 0.00	24.20 -1.25 0.00	23.22 -1.14 0.00	22.81 -1.12 0.00	23.20 -1.22 0.00	23.82 -1.15 0.00	24.78 -1.36 0.00	28.01 -1.63 0.00	32.17 -1.98 0.00	42.21 -3.18 0.00	38.93 -2.66 0.00	32.87 -2.14 0.00	28.26 -2.03 0.00	24.57 -1.48 0.00	22.96 -1.16 0.00	20.29 -0.87 0.00
OAKDALE___35_KV_LOAD 356122	20.06 -0.08 0.00	18.83 -0.11 0.00	18.59 -0.11 0.00	17.66 -0.11 0.00	19.05 -0.08 0.00	20.05 -0.02 0.00	30.26 0.09 0.00	32.78 0.00 0.00	28.50 -0.09 0.00	25.37 -0.08 0.00	24.32 -0.05 0.00	23.83 -0.10 0.00	24.28 -0.15 0.00	24.87 -0.10 0.00	25.96 -0.18 0.00	29.40 -0.24 0.00	33.88 -0.27 0.00	44.89 -0.50 0.00	41.26 -0.33 0.00	34.76 -0.25 0.00	29.96 -0.33 0.00	25.87 -0.18 0.00	24.02 -0.10 0.00	21.08 -0.08 0.00
OCC_CHEM___DRP 24175	18.53 -1.61 0.00	17.26 -1.69 0.00	17.09 -1.61 0.00	16.24 -1.53 0.00	17.56 -1.57 0.00	18.58 -1.48 0.00	27.94 -2.23 0.00	29.70 -3.08 0.00	25.73 -2.86 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	21.96 -2.47 0.00	22.70 -2.27 0.00	23.45 -2.69 0.00	26.35 -3.29 0.00	30.13 -4.03 0.00	39.03 -6.35 0.01	36.27 -5.32 0.00	30.67 -4.34 0.00	26.45 -3.85 0.00	23.24 -2.81 0.00	21.85 -2.27 0.00	19.53 -1.63 0.00
OH_GEN_PROXY 24063	18.73 -1.41 0.00	17.48 -1.38 0.08	17.26 -1.44 0.00	16.40 -1.37 0.00	16.07 -1.40 1.66	18.43 -1.30 0.33	27.24 -1.96 0.97	30.16 -2.62 0.00	26.07 -2.52 0.00	23.26 -2.19 0.00	22.37 -2.00 0.00	21.92 -2.01 0.00	22.25 -2.17 0.00	22.87 -2.10 0.00	23.74 -2.40 0.00	26.68 -2.96 0.00	30.57 -3.59 0.00	37.20 -5.67 2.51	34.62 -4.74 2.23	31.15 -3.78 0.08	26.81 -3.48 0.00	23.50 -2.55 0.00	22.09 -2.03 0.00	19.70 -1.46 0.00
OLIN_CORP_DRP 24177	18.49 -1.65 0.00	17.24 -1.71 0.00	17.07 -1.63 0.00	16.22 -1.55 0.00	17.52 -1.61 0.00	18.56 -1.50 0.00	27.94 -2.23 0.00	29.74 -3.05 0.00	25.73 -2.86 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	21.96 -2.47 0.00	22.70 -2.27 0.00	23.45 -2.69 0.00	26.35 -3.29 0.00	30.16 -4.00 0.00	39.07 -6.31 0.01	36.35 -5.24 0.00	30.70 -4.31 0.00	26.48 -3.82 0.00	23.24 -2.81 0.00	21.85 -2.27 0.00	19.53 -1.63 0.00
OLIN_CORP_DSASP 323712	18.55 -1.59 0.00	17.41 -1.53 0.00	17.09 -1.61 0.00	16.24 -1.53 0.00	17.56 -1.57 0.00	18.58 -1.48 0.00	27.94 -2.23 0.00	29.80 -2.98 0.00	25.76 -2.83 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	22.00 -2.42 0.00	22.62 -2.35 0.00	23.50 -2.64 0.00	26.35 -3.29 0.00	30.19 -3.96 0.00	39.12 -6.26 0.01	36.27 -5.32 0.00	30.77 -4.24 0.00	26.45 -3.85 0.00	23.22 -2.84 0.00	21.83 -2.29 0.00	19.53 -1.63 0.00
ONEIDA_HERK_LFGE 323681	20.60 0.46 0.00	19.40 0.45 0.00	19.09 0.39 0.00	18.16 0.39 0.00	19.56 0.44 0.00	20.59 0.52 0.00	31.17 0.99 0.00	33.93 1.15 0.00	29.42 0.83 0.00	26.08 0.64 0.00	24.90 0.54 0.00	24.38 0.45 0.00	24.88 0.46 0.00	25.37 0.40 0.00	26.79 0.65 0.00	30.44 0.80 0.00	35.15 0.99 0.00	47.60 1.72 -0.49	43.08 1.50 0.00	37.83 1.22 -1.59	32.66 0.91 -1.46	28.15 0.76 -1.33	25.93 0.53 -1.28	22.75 0.40 -1.18
ONEIDA___115KV_TB4 55905	20.66 0.52 0.00	19.44 0.49 0.00	19.15 0.45 0.00	18.21 0.44 0.00	19.62 0.50 0.00	20.63 0.56 0.00	31.20 1.03 0.00	34.13 1.34 0.00	29.62 1.03 0.00	26.26 0.81 0.00	25.12 0.76 0.00	24.60 0.67 0.00	25.08 0.66 0.00	25.62 0.65 0.00	27.03 0.89 0.00	30.50 0.86 0.00	35.15 0.99 0.00	47.18 1.59 -0.21	42.92 1.33 0.00	36.77 1.09 -0.67	31.73 0.82 -0.62	27.35 0.73 -0.56	25.21 0.55 -0.54	22.13 0.47 -0.50
ONONDAGA_REF_OCCRA 23987	19.96 -0.18 0.00	18.72 -0.23 0.00	18.48 -0.22 0.00	17.55 -0.21 0.00	18.91 -0.21 0.00	19.86 -0.20 0.00	29.93 -0.24 0.00	32.42 -0.36 0.00	28.19 -0.40 0.00	25.07 -0.38 0.00	24.03 -0.34 0.00	23.60 -0.34 0.00	24.03 -0.39 0.00	24.59 -0.37 0.00	25.75 -0.39 0.00	29.23 -0.41 0.00	33.68 -0.48 0.00	44.70 -0.68 0.00	40.97 -0.62 0.00	34.45 -0.56 0.00	29.75 -0.55 0.00	25.64 -0.42 0.00	23.78 -0.34 0.00	20.91 -0.25 0.00
ONONDAGA___COGEN 23986	19.98 -0.16 0.00	18.74 -0.21 0.00	18.49 -0.21 0.00	17.59 -0.18 0.00	18.93 -0.19 0.00	19.88 -0.18 0.00	29.93 -0.24 0.00	32.42 -0.36 0.00	28.19 -0.40 0.00	25.07 -0.38 0.00	24.03 -0.34 0.00	23.60 -0.34 0.00	24.06 -0.37 0.00	24.62 -0.35 0.00	25.75 -0.39 0.00	29.23 -0.41 0.00	33.68 -0.48 0.00	44.70 -0.68 0.00	40.97 -0.62 0.00	34.45 -0.56 0.00	29.75 -0.55 0.00	25.64 -0.42 0.00	23.78 -0.34 0.00	20.93 -0.23 0.00
ONTARIO___LFGE 23819	19.74 -0.40 0.00	18.51 -0.44 0.00	18.23 -0.47 0.00	17.32 -0.44 0.00	18.70 -0.42 0.00	19.74 -0.32 0.00	29.93 -0.24 0.00	32.46 -0.33 0.00	28.05 -0.54 0.00	24.94 -0.51 0.00	23.88 -0.49 0.00	23.45 -0.48 0.00	23.84 -0.59 0.00	24.44 -0.53 0.00	25.49 -0.65 0.00	28.87 -0.77 0.00	33.13 -1.02 0.00	43.80 -1.59 0.00	40.26 -1.33 0.00	33.89 -1.12 0.00	29.23 -1.06 0.00	25.30 -0.76 0.00	23.54 -0.58 0.00	20.70 -0.47 0.00
ORANGEVILLE_WT_PWR 323706	18.87 -1.27 0.00	17.69 -1.25 0.00	17.41 -1.29 0.00	16.56 -1.21 0.00	17.90 -1.22 0.00	18.96 -1.10 0.00	28.66 -1.51 0.00	30.82 -1.97 0.00	26.62 -1.97 0.00	23.74 -1.70 0.00	22.83 -1.53 0.00	22.40 -1.53 0.00	22.74 -1.68 0.00	23.37 -1.60 0.00	24.31 -1.83 0.00	27.33 -2.31 0.00	31.42 -2.73 0.00	41.02 -4.36 0.00	37.89 -3.70 0.00	32.00 -3.01 0.00	27.41 -2.88 0.00	23.95 -2.11 0.00	22.38 -1.74 0.00	19.87 -1.29 0.00
ORANGEVILLE___ESR 323794	18.87 -1.27 0.00	17.69 -1.25 0.00	17.41 -1.29 0.00	16.56 -1.21 0.00	17.90 -1.22 0.00	18.96 -1.10 0.00	28.66 -1.51 0.00	30.82 -1.97 0.00	26.62 -1.97 0.00	23.74 -1.70 0.00	22.83 -1.53 0.00	22.40 -1.53 0.00	22.74 -1.68 0.00	23.37 -1.60 0.00	24.31 -1.83 0.00	27.33 -2.31 0.00	31.42 -2.73 0.00	41.02 -4.36 0.00	37.89 -3.70 0.00	32.00 -3.01 0.00	27.41 -2.88 0.00	23.95 -2.11 0.00	22.38 -1.74 0.00	19.87 -1.29 0.00
OSWEGATCHIE___HYD 24044	17.93 0.40 2.62	19.34 0.40 0.00	19.00 0.30 0.00	18.09 0.32 0.00	19.53 0.40 0.00	20.63 0.56 0.00	31.47 1.30 0.00	34.26 1.48 0.00	29.42 0.83 0.00	25.88 0.43 0.00	24.61 0.24 0.00	24.07 0.14 0.00	24.52 0.10 0.00	24.94 -0.02 0.00	26.51 0.37 0.00	30.23 0.59 0.00	34.97 0.82 0.00	50.03 2.18 -2.47	36.96 1.91 6.54	38.66 1.61 -2.03	33.61 1.12 -2.20	29.16 0.83 -2.27	26.88 0.43 -2.33	23.78 0.25 -2.36
OSWEGO___5 23606	19.68 -0.46 0.00	18.49 -0.45 0.00	18.25 -0.45 0.00	17.34 -0.43 0.00	18.66 -0.46 0.00	19.58 -0.48 0.00	29.45 -0.72 0.00	31.90 -0.88 0.00	27.73 -0.86 0.00	24.69 -0.76 0.00	23.64 -0.73 0.00	23.21 -0.72 0.00	23.66 -0.76 0.00	24.22 -0.75 0.00	25.36 -0.78 0.00	28.75 -0.89 0.00	33.10 -1.06 0.00	43.93 -1.45 0.00	40.26 -1.33 0.00	33.89 -1.12 0.00	29.29 -1.00 0.00	25.22 -0.83 0.00	23.40 -0.72 0.00	20.55 -0.61 0.00

OSWEGO___6 23613	19.68 -0.46 0.00	18.49 -0.45 0.00	18.25 -0.45 0.00	17.34 -0.43 0.00	18.66 -0.46 0.00	19.58 -0.48 0.00	29.45 -0.72 0.00	31.90 -0.88 0.00	27.73 -0.86 0.00	24.69 -0.76 0.00	23.64 -0.73 0.00	23.21 -0.72 0.00	23.66 -0.76 0.00	24.22 -0.75 0.00	25.36 -0.78 0.00	28.75 -0.89 0.00	33.10 -1.06 0.00	43.93 -1.45 0.00	40.26 -1.33 0.00	33.89 -1.12 0.00	29.29 -1.00 0.00	25.22 -0.83 0.00	23.40 -0.72 0.00	20.55 -0.61 0.00
OUTOKUMPU-AB___DRP 24206	18.93 -1.21 0.00	17.64 -1.31 0.00	17.47 -1.23 0.00	16.60 -1.17 0.00	17.94 -1.19 0.00	19.02 -1.04 0.00	28.69 -1.48 0.00	30.62 -2.16 0.00	26.50 -2.09 0.00	23.64 -1.81 0.00	22.78 -1.58 0.00	22.33 -1.60 0.00	22.61 -1.81 0.00	23.37 -1.60 0.00	24.15 -1.99 0.00	27.15 -2.49 0.00	31.08 -3.07 0.00	40.34 -5.04 0.01	37.43 -4.16 0.00	31.61 -3.40 0.00	27.20 -3.09 0.00	23.87 -2.19 0.00	22.46 -1.66 0.00	20.00 -1.16 0.00
OXBOW___BTM 323836	18.79 -1.35 0.00	17.62 -1.33 0.00	17.32 -1.38 0.00	16.45 -1.31 0.00	17.78 -1.34 0.00	18.82 -1.24 0.00	28.36 -1.81 0.00	30.32 -2.46 0.00	26.19 -2.40 0.00	23.36 -2.09 0.00	22.49 -1.88 0.00	22.06 -1.87 0.00	22.37 -2.05 0.00	23.02 -1.95 0.00	23.89 -2.25 0.00	26.83 -2.82 0.00	30.74 -3.42 0.00	39.84 -5.54 0.01	36.93 -4.66 0.00	31.30 -3.71 0.00	26.87 -3.42 0.00	23.58 -2.48 0.00	22.17 -1.95 0.00	19.79 -1.38 0.00
OXBOW____ 24026	18.75 -1.39 0.00	17.47 -1.48 0.00	17.32 -1.38 0.00	16.45 -1.31 0.00	17.79 -1.34 0.00	18.82 -1.24 0.00	28.36 -1.81 0.00	30.23 -2.56 0.00	26.19 -2.40 0.00	23.36 -2.09 0.00	22.49 -1.88 0.00	22.06 -1.87 0.00	22.35 -2.08 0.00	23.10 -1.87 0.00	23.84 -2.30 0.00	26.83 -2.82 0.00	30.67 -3.48 0.00	39.75 -5.63 0.01	36.93 -4.66 0.00	31.19 -3.82 0.00	26.87 -3.42 0.00	23.61 -2.45 0.00	22.19 -1.93 0.00	19.81 -1.35 0.00
OXY_CHEM_DSASP 323612	18.53 -1.61 0.00	17.26 -1.69 0.00	17.09 -1.61 0.00	16.24 -1.53 0.00	17.56 -1.57 0.00	18.58 -1.48 0.00	27.94 -2.23 0.00	29.70 -3.08 0.00	25.73 -2.86 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	21.96 -2.47 0.00	22.70 -2.27 0.00	23.45 -2.69 0.00	26.35 -3.29 0.00	30.13 -4.03 0.00	39.03 -6.35 0.01	36.27 -5.32 0.00	30.67 -4.34 0.00	26.45 -3.85 0.00	23.24 -2.81 0.00	21.85 -2.27 0.00	19.53 -1.63 0.00
OZONE_PARK_ESR 323760	21.61 1.47 0.00	20.25 1.31 0.00	20.01 1.31 0.00	18.99 1.23 0.00	20.46 1.34 0.00	21.49 1.42 0.00	32.31 2.14 0.00	35.37 2.59 0.00	31.22 2.63 0.00	27.89 2.44 0.00	26.73 2.36 0.00	26.32 2.39 0.00	26.96 2.54 0.00	27.54 2.57 0.00	28.81 2.67 0.00	32.55 2.90 0.00	37.50 3.35 0.00	49.74 4.36 0.00	45.46 3.87 0.00	38.37 3.36 0.00	33.38 3.09 0.00	28.56 2.50 0.00	26.39 2.27 0.00	22.92 1.76 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	18.53 -1.61 0.00	17.26 -1.69 0.00	17.09 -1.61 0.00	16.24 -1.53 0.00	17.56 -1.57 0.00	18.58 -1.48 0.00	27.94 -2.23 0.00	29.70 -3.08 0.00	25.73 -2.86 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	21.96 -2.47 0.00	22.70 -2.27 0.00	23.45 -2.69 0.00	26.35 -3.29 0.00	30.13 -4.03 0.00	39.03 -6.35 0.01	36.27 -5.32 0.00	30.67 -4.34 0.00	26.45 -3.85 0.00	23.24 -2.81 0.00	21.85 -2.27 0.00	19.53 -1.63 0.00
PACKARD___115KV_DUPONT_184 80571	18.53 -1.61 0.00	17.26 -1.69 0.00	17.09 -1.61 0.00	16.24 -1.53 0.00	17.56 -1.57 0.00	18.58 -1.48 0.00	27.94 -2.23 0.00	29.70 -3.08 0.00	25.73 -2.86 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	21.96 -2.47 0.00	22.70 -2.27 0.00	23.45 -2.69 0.00	26.35 -3.29 0.00	30.13 -4.03 0.00	39.03 -6.35 0.01	36.27 -5.32 0.00	30.67 -4.34 0.00	26.45 -3.85 0.00	23.24 -2.81 0.00	21.85 -2.27 0.00	19.53 -1.63 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	21.61 1.47 0.00	20.27 1.33 0.00	20.03 1.33 0.00	18.99 1.23 0.00	20.48 1.36 0.00	21.47 1.40 0.00	32.25 2.08 0.00	35.21 2.43 0.00	31.08 2.49 0.00	27.81 2.37 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.91 2.49 0.00	27.49 2.52 0.00	28.76 2.61 -0.01	32.50 2.85 -0.01	37.33 3.18 0.00	49.42 4.04 0.00	45.12 3.54 0.00	38.13 3.12 0.00	33.32 3.03 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.90 1.74 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	21.73 1.59 0.00	20.39 1.44 0.00	20.14 1.44 0.00	19.12 1.35 0.00	20.60 1.47 0.00	21.59 1.52 0.00	32.43 2.26 0.00	35.44 2.66 0.00	31.25 2.66 0.00	27.94 2.49 0.00	26.76 2.39 0.00	26.37 2.44 0.00	27.04 2.61 0.00	27.62 2.65 0.00	28.89 2.74 -0.01	32.64 2.99 -0.01	37.43 3.28 0.00	49.79 4.40 0.00	45.37 3.78 0.00	38.30 3.29 0.00	33.44 3.15 0.00	28.64 2.58 0.00	26.51 2.39 0.00	23.02 1.86 0.00
PATROON___115KV_TB1 80586	20.91 0.77 0.00	19.68 0.74 0.00	19.45 0.75 0.00	18.48 0.71 0.00	19.89 0.76 0.00	20.79 0.72 0.00	31.26 1.09 0.00	34.00 1.21 0.00	29.82 1.23 0.00	26.52 1.07 0.00	25.39 1.02 0.00	24.91 0.98 0.00	25.47 1.05 0.00	26.04 1.07 0.00	27.26 1.12 0.00	30.95 1.30 0.00	35.66 1.50 0.00	47.47 2.09 0.00	43.50 1.91 0.00	36.58 1.58 0.00	31.69 1.39 0.00	27.20 1.15 0.00	25.11 0.99 0.00	21.97 0.80 0.00
PATTRSNVILLE___SOLAR 323815	21.07 0.93 0.00	19.84 0.89 0.00	19.56 0.86 0.00	18.59 0.82 0.00	20.00 0.88 0.00	20.93 0.86 0.00	31.56 1.39 0.00	34.26 1.48 0.00	29.93 1.34 0.00	26.49 1.04 0.00	25.29 0.93 0.00	24.74 0.81 0.00	25.28 0.85 0.00	25.87 0.90 0.00	27.11 0.97 0.00	30.98 1.34 0.00	35.76 1.61 0.00	47.70 2.31 0.00	43.71 2.12 0.00	36.79 1.78 0.00	31.81 1.51 0.00	27.33 1.28 0.00	25.23 1.11 0.00	22.16 0.99 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	19.29 -0.85 0.00	18.00 -0.95 0.00	17.80 -0.90 0.00	16.93 -0.84 0.00	18.32 -0.80 0.00	19.44 -0.62 0.00	29.45 -0.72 0.00	31.57 -1.21 0.00	27.27 -1.32 0.00	24.30 -1.15 0.00	23.39 -0.97 0.00	22.90 -1.03 0.00	23.20 -1.22 0.00	23.97 -1.00 0.00	24.75 -1.39 0.00	27.80 -1.84 0.00	31.97 -2.19 0.00	41.70 -3.68 0.01	38.68 -2.91 0.00	32.63 -2.38 0.00	27.99 -2.30 0.00	24.52 -1.54 0.00	23.01 -1.11 0.00	20.38 -0.78 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	21.45 1.31 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.41 1.28 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.08 2.29 0.00	30.88 2.29 0.00	27.51 2.06 0.00	26.41 2.05 0.00	25.94 2.01 0.00	26.55 2.12 0.00	27.02 2.05 0.00	28.36 2.22 0.00	32.16 2.52 0.00	37.20 3.04 0.00	49.42 4.04 0.00	45.29 3.70 0.00	37.99 2.98 0.00	32.96 2.67 0.00	28.25 2.19 0.00	26.05 1.93 0.00	22.67 1.50 0.00
PEEKSKILL____ 23653	21.25 1.11 0.00	19.99 1.04 0.00	19.73 1.03 0.00	18.73 0.96 0.00	20.18 1.05 0.00	21.19 1.12 0.00	31.80 1.63 0.00	34.72 1.93 0.00	30.59 2.00 0.00	27.33 1.88 0.00	26.20 1.83 0.00	25.77 1.84 0.00	26.35 1.93 0.00	26.92 1.95 0.00	28.13 1.99 0.00	31.80 2.16 0.00	36.72 2.56 0.00	48.83 3.45 0.00	44.62 3.03 0.00	37.60 2.59 0.00	32.63 2.33 0.00	28.01 1.96 0.00	25.91 1.78 0.00	22.64 1.48 0.00

PGE MADISON___WINDPWR 24146	21.07 0.93 0.00	19.84 0.89 0.00	19.48 0.79 0.00	18.57 0.80 0.00	20.06 0.94 0.00	21.21 1.14 0.00	32.35 2.17 0.00	35.08 2.29 0.00	30.28 1.69 0.00	26.77 1.32 0.00	25.54 1.17 0.00	24.94 1.00 0.00	25.45 1.03 0.00	25.92 0.95 0.00	27.58 1.44 0.00	31.51 1.87 0.00	36.37 2.22 0.00	48.88 3.49 0.00	44.46 2.87 0.00	37.32 2.31 0.00	31.99 1.70 0.00	27.54 1.48 0.00	25.25 1.13 0.00	22.05 0.89 0.00
PIERCEFIELD___HYD 23852	16.58 0.46 4.02	19.42 0.47 0.00	19.07 0.37 0.00	18.16 0.39 0.00	19.62 0.50 0.00	20.75 0.68 0.00	31.74 1.57 0.00	34.59 1.80 0.00	29.59 1.00 0.00	25.98 0.53 0.00	24.66 0.29 0.00	24.12 0.19 0.00	24.54 0.12 0.00	24.97 0.00 0.00	26.56 0.42 0.00	30.35 0.71 0.00	35.18 1.02 0.00	51.61 2.59 -3.63	33.86 2.33 10.06	39.58 1.96 -2.61	34.59 1.39 -2.91	30.16 1.04 -3.06	27.82 0.53 -3.17	24.75 0.34 -3.24
PINELAWN_CC_1 323563	21.89 1.75 0.00	20.44 1.50 0.00	20.16 1.46 0.00	19.06 1.30 0.00	20.52 1.40 0.00	21.81 1.74 0.00	31.50 1.33 0.00	34.52 1.74 0.00	30.62 2.03 0.00	27.76 2.32 0.00	26.68 2.32 0.00	26.47 2.54 0.00	26.86 2.44 0.00	27.54 2.57 0.00	28.41 2.27 0.00	31.78 2.14 0.00	36.82 2.67 0.00	49.47 4.09 0.00	44.50 2.91 0.00	37.36 2.35 0.00	32.66 2.36 0.00	28.72 2.66 0.00	26.53 2.41 0.00	23.05 1.88 0.00
PJM_GEN_HTP_PROXY 323702	21.39 1.25 0.00	20.08 1.14 0.00	19.84 1.14 0.00	18.83 1.07 0.00	20.29 1.17 0.00	21.31 1.24 0.00	31.98 1.81 0.00	34.98 2.20 0.00	30.88 2.29 0.00	27.59 2.14 0.00	26.44 2.07 0.00	26.04 2.11 0.00	26.64 2.22 0.00	27.24 2.27 0.00	28.44 2.30 0.00	32.16 2.52 0.00	37.06 2.90 0.00	48.91 3.86 0.33	45.29 3.37 -0.33	37.91 2.90 0.00	32.96 2.67 0.00	28.27 2.21 0.00	26.12 2.00 0.00	22.83 1.67 0.00
PJM_GEN_KEystone 24065	20.08 -0.06 0.00	18.87 -0.08 0.00	18.57 -0.13 0.00	17.66 -0.11 0.00	19.07 -0.06 0.00	20.11 0.04 0.00	30.29 0.12 0.00	32.85 0.07 0.00	28.65 0.06 0.00	25.55 0.10 0.00	24.51 0.15 0.00	24.05 0.12 0.00	24.52 0.10 0.00	25.12 0.15 0.00	26.14 0.00 0.00	29.44 -0.21 0.00	33.99 -0.17 0.00	44.55 -0.50 0.34	41.63 -0.29 -0.33	34.87 -0.14 0.00	30.08 -0.21 0.00	26.03 -0.03 0.00	24.22 0.10 0.00	21.31 0.15 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.65 1.51 0.00	20.23 1.29 0.00	19.95 1.25 0.00	18.89 1.12 0.00	20.33 1.21 0.00	21.55 1.48 0.00	31.35 1.18 0.00	34.33 1.54 0.00	30.42 1.83 0.00	27.56 2.11 0.00	26.46 2.10 0.00	26.23 2.30 0.00	26.67 2.25 0.00	27.29 2.32 0.00	28.20 2.06 0.00	31.78 2.14 0.00	36.82 2.67 0.00	49.14 4.09 0.33	45.00 3.08 -0.33	37.53 2.52 0.00	32.66 2.36 0.00	28.38 2.32 0.00	26.27 2.15 0.00	22.86 1.69 0.00
PJM_GEN_VFT_PROXY 323633	21.37 1.23 0.00	20.06 1.12 0.00	19.80 1.10 0.00	18.80 1.03 0.00	20.25 1.13 0.00	21.27 1.20 0.00	31.95 1.78 0.00	34.95 2.16 0.00	30.88 2.29 0.00	27.61 2.16 0.00	26.46 2.10 0.00	26.06 2.13 0.00	26.64 2.22 0.00	27.24 2.27 0.00	28.47 2.33 0.00	32.19 2.55 0.00	37.06 2.90 0.00	48.86 3.81 0.33	45.21 3.28 -0.33	37.88 2.87 0.00	32.99 2.70 0.00	28.27 2.21 0.00	26.15 2.03 0.00	22.83 1.67 0.00
PLATSBURG_115KV_PMLD1 355749	10.08 -0.87 9.19	18.09 -0.85 0.01	17.91 -0.79 0.01	17.01 -0.75 0.01	18.40 -0.73 0.00	19.38 -0.68 0.00	29.00 -1.18 0.00	31.70 -1.08 0.00	27.32 -1.26 0.01	24.17 -1.27 0.01	23.02 -1.34 0.01	22.81 -1.12 0.00	23.18 -1.25 0.00	23.67 -1.30 0.00	24.91 -1.23 0.00	28.22 -1.42 0.00	32.51 -1.64 0.01	37.46 -2.04 5.89	16.99 -1.62 22.98	-6.37 -1.37 40.02	-6.49 -1.21 35.57	-6.53 -1.12 31.47	-6.61 -1.13 29.60	-6.64 -1.06 26.74
PLEASANTVLY___LBMP 24000	21.19 1.05 0.00	19.91 0.97 0.00	19.69 0.99 0.00	18.69 0.92 0.00	20.12 0.99 0.00	21.11 1.04 0.00	31.68 1.51 0.00	34.59 1.80 0.00	30.45 1.86 0.00	27.18 1.73 0.00	26.05 1.68 0.00	25.61 1.68 0.00	26.18 1.76 0.00	26.74 1.77 0.00	27.97 1.83 0.00	31.66 2.02 0.00	36.51 2.36 0.00	48.47 3.09 0.00	44.38 2.79 0.00	37.39 2.38 0.00	32.44 2.15 0.00	27.86 1.80 0.00	25.71 1.59 0.00	22.41 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.33 1.19 0.00	20.03 1.08 0.00	19.78 1.08 0.00	18.80 1.03 0.00	20.23 1.11 0.00	21.25 1.18 0.00	31.89 1.72 0.00	34.85 2.07 0.00	30.71 2.12 0.00	27.43 1.98 0.00	26.29 1.93 0.00	25.87 1.94 0.00	26.47 2.05 0.00	27.02 2.05 0.00	28.26 2.12 0.00	31.95 2.31 0.00	36.89 2.73 0.00	48.97 3.59 0.00	44.79 3.20 0.00	37.74 2.73 0.00	32.78 2.48 0.00	28.12 2.06 0.00	25.95 1.83 0.00	22.58 1.42 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.33 1.19 0.00	20.03 1.08 0.00	19.78 1.08 0.00	18.80 1.03 0.00	20.23 1.11 0.00	21.25 1.18 0.00	31.89 1.72 0.00	34.85 2.07 0.00	30.71 2.12 0.00	27.43 1.98 0.00	26.29 1.93 0.00	25.87 1.94 0.00	26.47 2.05 0.00	27.02 2.05 0.00	28.26 2.12 0.00	31.95 2.31 0.00	36.89 2.73 0.00	48.97 3.59 0.00	44.79 3.20 0.00	37.74 2.73 0.00	32.78 2.48 0.00	28.12 2.06 0.00	25.95 1.83 0.00	22.58 1.42 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.25 1.11 0.00	19.97 1.02 0.00	19.73 1.03 0.00	18.75 0.98 0.00	20.19 1.07 0.00	21.17 1.10 0.00	31.80 1.63 0.00	34.72 1.93 0.00	30.53 1.94 0.00	27.20 1.76 0.00	26.05 1.68 0.00	25.58 1.65 0.00	26.18 1.76 0.00	26.72 1.75 0.00	27.97 1.83 0.00	31.69 2.05 0.00	36.61 2.46 0.00	48.65 3.27 0.00	44.54 2.95 0.00	37.50 2.49 0.00	32.50 2.21 0.00	27.88 1.82 0.00	25.74 1.62 0.00	22.43 1.27 0.00
POLETTI___ 23519	21.41 1.27 0.00	20.10 1.16 0.00	19.86 1.16 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.31 1.24 0.00	31.98 1.81 0.00	34.98 2.20 0.00	30.88 2.29 0.00	27.61 2.16 0.00	26.46 2.10 0.00	26.08 2.15 0.00	26.69 2.27 0.00	27.24 2.27 0.00	28.52 2.38 0.00	32.22 2.58 0.00	37.09 2.94 0.00	49.15 3.77 0.00	44.92 3.33 0.00	37.92 2.91 0.00	33.02 2.73 0.00	28.27 2.21 0.00	26.12 2.00 0.00	22.75 1.59 0.00
POMONA___ESR 323819	21.23 1.09 0.00	19.95 1.00 0.00	19.69 0.99 0.00	18.69 0.92 0.00	20.16 1.03 0.00	21.17 1.10 0.00	31.77 1.60 0.00	34.69 1.90 0.00	30.56 1.97 0.00	27.28 1.83 0.00	26.15 1.78 0.00	25.70 1.77 0.00	26.28 1.86 0.00	26.84 1.87 0.00	28.05 1.91 0.00	31.72 2.07 0.00	36.65 2.49 0.00	48.74 3.36 0.00	44.54 2.95 0.00	37.53 2.52 0.00	32.57 2.27 0.00	27.96 1.90 0.00	25.83 1.71 0.00	22.60 1.44 0.00
PORT_JEFF_3 23555	21.99 1.85 0.00	20.52 1.57 0.00	20.23 1.53 0.00	19.12 1.35 0.00	20.60 1.47 0.00	21.93 1.87 0.00	31.44 1.27 0.00	34.46 1.67 0.00	30.56 1.97 0.00	27.71 2.26 0.00	26.66 2.29 0.00	26.49 2.56 0.00	26.84 2.42 0.00	27.54 2.57 0.00	28.39 2.25 0.00	32.01 2.37 0.00	37.23 3.08 0.00	50.24 4.86 0.00	45.04 3.45 0.00	37.81 2.80 0.00	32.96 2.67 0.00	28.85 2.79 0.00	26.53 2.41 0.00	23.05 1.88 0.00

PORT_JEFF_4 23616	21.99 1.85 0.00	20.52 1.57 0.00	20.23 1.53 0.00	19.12 1.35 0.00	20.60 1.47 0.00	21.93 1.87 0.00	31.44 1.27 0.00	34.46 1.67 0.00	30.56 1.97 0.00	27.71 2.26 0.00	26.66 2.29 0.00	26.49 2.56 0.00	26.84 2.42 0.00	27.54 2.57 0.00	28.39 2.25 0.00	32.01 2.37 0.00	37.23 3.08 0.00	50.24 4.86 0.00	45.04 3.45 0.00	37.81 2.80 0.00	32.96 2.67 0.00	28.85 2.79 0.00	26.53 2.41 0.00	23.05 1.88 0.00
PORT_JEFF_IC 23713	22.09 1.95 0.00	20.54 1.59 0.00	20.25 1.55 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.95 1.89 0.00	31.44 1.27 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.74 2.29 0.00	26.68 2.31 0.00	26.51 2.58 0.00	27.06 2.64 0.00	27.39 2.42 0.00	28.54 2.40 0.00	32.04 2.40 0.00	37.26 3.11 0.00	49.92 4.54 0.00	45.00 3.41 0.00	38.06 3.05 0.00	32.99 2.70 0.00	28.82 2.76 0.00	26.39 2.27 0.00	22.90 1.74 0.00
PPL_PILGRIM_ST_GT1 24216	21.99 1.85 0.00	20.52 1.57 0.00	20.23 1.53 0.00	19.14 1.37 0.00	20.60 1.47 0.00	21.93 1.87 0.00	31.50 1.33 0.00	34.55 1.77 0.00	30.65 2.06 0.00	27.84 2.39 0.00	26.76 2.39 0.00	26.56 2.63 0.00	26.94 2.52 0.00	27.64 2.67 0.00	28.47 2.33 0.00	32.10 2.46 0.00	37.26 3.11 0.00	50.24 4.86 0.00	45.12 3.53 0.00	37.88 2.87 0.00	32.99 2.70 0.00	28.85 2.79 0.00	26.63 2.51 0.00	23.11 1.95 0.00
PPL_PILGRIM_ST_GT2 24217	21.99 1.85 0.00	20.52 1.57 0.00	20.23 1.53 0.00	19.14 1.37 0.00	20.60 1.47 0.00	21.93 1.87 0.00	31.50 1.33 0.00	34.55 1.77 0.00	30.65 2.06 0.00	27.84 2.39 0.00	26.76 2.39 0.00	26.56 2.63 0.00	26.94 2.52 0.00	27.64 2.67 0.00	28.47 2.33 0.00	32.10 2.46 0.00	37.26 3.11 0.00	50.24 4.86 0.00	45.12 3.53 0.00	37.88 2.87 0.00	32.99 2.70 0.00	28.85 2.79 0.00	26.63 2.51 0.00	23.11 1.95 0.00
PPL_SHRM_GT3 24213	22.05 1.91 0.00	20.58 1.63 0.00	20.29 1.59 0.00	19.17 1.40 0.00	20.65 1.53 0.00	22.01 1.95 0.00	31.50 1.33 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.69 2.24 0.00	26.63 2.27 0.00	26.47 2.54 0.00	26.84 2.42 0.00	27.52 2.55 0.00	28.39 2.25 0.00	32.07 2.43 0.00	37.33 3.18 0.00	50.56 5.17 0.00	45.04 3.45 0.00	37.91 2.90 0.00	33.05 2.76 0.00	28.95 2.89 0.00	26.41 2.29 0.00	22.92 1.76 0.00
PPL_SHRM_GT4 24214	22.05 1.91 0.00	20.58 1.63 0.00	20.29 1.59 0.00	19.17 1.40 0.00	20.65 1.53 0.00	22.01 1.95 0.00	31.50 1.33 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.69 2.24 0.00	26.63 2.27 0.00	26.47 2.54 0.00	26.84 2.42 0.00	27.52 2.55 0.00	28.39 2.25 0.00	32.07 2.43 0.00	37.33 3.18 0.00	50.56 5.17 0.00	45.04 3.45 0.00	37.91 2.90 0.00	33.05 2.76 0.00	28.95 2.89 0.00	26.41 2.29 0.00	22.92 1.76 0.00
PROJECT___ORANGE 1 24174	19.90 -0.24 0.00	18.66 -0.28 0.00	18.42 -0.28 0.00	17.52 -0.25 0.00	18.86 -0.27 0.00	19.80 -0.26 0.00	29.81 -0.36 0.00	32.26 -0.52 0.00	28.07 -0.51 0.00	24.96 -0.48 0.00	23.93 -0.44 0.00	23.50 -0.43 0.00	23.96 -0.46 0.00	24.52 -0.45 0.00	25.64 -0.50 0.00	29.11 -0.53 0.00	33.54 -0.61 0.00	44.48 -0.91 0.00	40.76 -0.83 0.00	34.31 -0.70 0.00	29.60 -0.70 0.00	25.51 -0.55 0.00	23.69 -0.43 0.00	20.85 -0.32 0.00
PROJECT___ORANGE 2 24166	19.90 -0.24 0.00	18.66 -0.28 0.00	18.42 -0.28 0.00	17.52 -0.25 0.00	18.86 -0.27 0.00	19.80 -0.26 0.00	29.81 -0.36 0.00	32.26 -0.52 0.00	28.07 -0.51 0.00	24.96 -0.48 0.00	23.93 -0.44 0.00	23.50 -0.43 0.00	23.96 -0.46 0.00	24.52 -0.45 0.00	25.64 -0.50 0.00	29.11 -0.53 0.00	33.54 -0.61 0.00	44.48 -0.91 0.00	40.76 -0.83 0.00	34.31 -0.70 0.00	29.60 -0.70 0.00	25.51 -0.55 0.00	23.69 -0.43 0.00	20.85 -0.32 0.00
PUCKETT___SOLAR 323809	20.40 0.26 0.00	19.17 0.23 0.00	18.89 0.19 0.00	17.96 0.20 0.00	19.37 0.25 0.00	20.41 0.34 0.00	30.87 0.69 0.00	33.47 0.69 0.00	29.02 0.43 0.00	25.73 0.28 0.00	24.61 0.24 0.00	24.10 0.17 0.00	24.54 0.12 0.00	25.09 0.13 0.00	26.35 0.21 0.00	29.94 0.30 0.00	34.60 0.44 0.00	46.02 0.64 0.00	42.21 0.62 0.00	35.54 0.53 0.00	30.60 0.30 0.00	26.40 0.34 0.00	24.46 0.34 0.00	21.46 0.30 0.00
PYRITES___HYD 24023	17.04 0.93 4.02	19.87 0.93 0.00	19.50 0.80 0.00	18.56 0.80 0.00	20.08 0.96 0.00	21.27 1.20 0.00	32.71 2.53 0.00	35.60 2.82 0.00	30.33 1.74 0.00	26.51 1.07 0.00	25.07 0.71 0.00	24.48 0.55 0.00	24.91 0.49 0.00	25.32 0.35 0.00	27.03 0.89 0.00	30.95 1.30 0.00	35.96 1.81 0.00	53.01 3.99 -3.63	35.19 3.66 10.06	40.70 3.08 -2.61	35.47 2.27 -2.91	30.91 1.80 -3.06	28.40 1.11 -3.17	25.19 0.78 -3.24
QUAKERRD_115KV_BK1 80622	19.01 -1.13 0.00	17.81 -1.14 0.00	17.58 -1.12 0.00	16.70 -1.07 0.00	18.01 -1.11 0.00	19.00 -1.06 0.00	28.66 -1.51 0.00	30.92 -1.87 0.00	26.79 -1.80 0.00	23.90 -1.55 0.00	22.88 -1.49 0.00	22.49 -1.44 0.00	22.88 -1.54 0.00	23.52 -1.45 0.00	24.44 -1.70 0.00	27.69 -1.96 0.00	31.80 -2.36 0.00	41.80 -3.59 0.00	38.51 -3.08 0.00	32.45 -2.56 0.00	27.96 -2.33 0.00	24.26 -1.80 0.00	22.65 -1.47 0.00	20.02 -1.14 0.00
QUENSBRY_115KV_TB8 356137	21.77 1.63 0.00	20.48 1.53 0.00	20.16 1.46 0.00	19.14 1.37 0.00	20.62 1.49 0.00	21.13 1.06 0.00	31.89 1.72 0.00	34.59 1.80 0.00	30.33 1.74 0.00	26.87 1.43 0.00	25.71 1.34 0.00	25.13 1.20 0.00	25.67 1.25 0.00	26.24 1.27 0.00	27.37 1.23 0.00	31.18 1.54 0.00	36.00 1.84 0.00	48.29 2.90 0.00	44.21 2.62 0.00	37.15 2.14 0.00	32.08 1.79 0.00	27.46 1.41 0.00	25.42 1.30 0.00	22.69 1.52 0.00
RAMAPO___LBMP 323565	21.17 1.03 0.00	19.87 0.93 0.00	19.62 0.92 0.00	18.64 0.87 0.00	20.08 0.96 0.00	21.11 1.04 0.00	31.68 1.51 0.00	34.59 1.80 0.00	30.45 1.86 0.00	27.18 1.73 0.00	26.05 1.68 0.00	25.61 1.68 0.00	26.20 1.78 0.00	26.74 1.77 0.00	27.94 1.80 0.00	31.60 1.96 0.00	36.48 2.32 0.00	48.43 3.04 0.00	44.38 2.79 0.00	37.43 2.42 0.00	32.44 2.15 0.00	27.86 1.80 0.00	25.74 1.62 0.00	22.39 1.23 0.00
RANKINE____ 23646	19.07 -1.07 0.00	17.79 -1.16 0.00	17.61 -1.08 0.00	16.74 -1.03 0.00	18.11 -1.01 0.00	19.20 -0.86 0.00	29.03 -1.15 0.00	31.05 -1.74 0.00	26.85 -1.74 0.00	23.95 -1.50 0.00	23.05 -1.32 0.00	22.59 -1.34 0.00	22.88 -1.54 0.00	23.65 -1.32 0.00	24.41 -1.73 0.00	27.45 -2.19 0.00	31.49 -2.66 0.00	40.98 -4.40 0.01	37.97 -3.62 0.00	32.07 -2.94 0.00	27.57 -2.73 0.00	24.16 -1.90 0.00	22.70 -1.42 0.00	20.15 -1.02 0.00
RAVENSWOOD_GT2_1 24244	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.30 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00



RAVENSWOOD_GT2_2 24245	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.30 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00
RAVENSWOOD_GT2_3 24246	21.45 1.31 0.00	20.14 1.19 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.96 2.37 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.74 2.32 0.00	27.29 2.32 0.00	28.57 2.43 0.00	32.28 2.64 0.00	37.16 3.01 0.00	49.24 3.86 0.00	45.04 3.45 0.00	37.99 2.98 0.00	33.08 2.79 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00
RAVENSWOOD_GT2_4 24247	21.45 1.31 0.00	20.14 1.19 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.96 2.37 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.74 2.32 0.00	27.29 2.32 0.00	28.57 2.43 0.00	32.28 2.64 0.00	37.16 3.01 0.00	49.24 3.86 0.00	45.04 3.45 0.00	37.99 2.98 0.00	33.08 2.79 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00
RAVENSWOOD_GT3_1 24248	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.30 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00
RAVENSWOOD_GT3_2 24249	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.30 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00
RAVENSWOOD_GT3_3 24250	21.47 1.33 0.00	20.16 1.21 0.00	19.90 1.20 0.00	18.89 1.12 0.00	20.35 1.22 0.00	21.37 1.30 0.00	32.07 1.90 0.00	35.11 2.33 0.00	30.99 2.40 0.00	27.69 2.24 0.00	26.56 2.19 0.00	26.16 2.23 0.00	26.77 2.34 0.00	27.34 2.37 0.00	28.60 2.46 0.00	32.31 2.67 0.00	37.20 3.04 0.00	49.33 3.95 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.11 2.82 0.00	28.35 2.29 0.00	26.20 2.07 0.00	22.77 1.61 0.00
RAVENSWOOD_GT3_4 24251	21.47 1.33 0.00	20.16 1.21 0.00	19.90 1.20 0.00	18.89 1.12 0.00	20.35 1.22 0.00	21.37 1.30 0.00	32.07 1.90 0.00	35.11 2.33 0.00	30.99 2.40 0.00	27.69 2.24 0.00	26.56 2.19 0.00	26.16 2.23 0.00	26.77 2.34 0.00	27.34 2.37 0.00	28.60 2.46 0.00	32.31 2.67 0.00	37.20 3.04 0.00	49.33 3.95 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.11 2.82 0.00	28.35 2.29 0.00	26.20 2.07 0.00	22.77 1.61 0.00
RAVENSWOOD_GT_1 23729	21.53 1.39 0.00	20.20 1.25 0.00	19.95 1.25 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.41 1.34 0.00	32.16 1.99 0.00	35.14 2.36 0.00	31.05 2.46 0.00	27.76 2.32 0.00	26.61 2.24 0.00	26.23 2.30 0.00	26.86 2.44 0.00	27.44 2.47 0.00	28.71 2.56 -0.01	32.44 2.79 -0.01	37.23 3.07 0.00	49.33 3.95 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.23 2.94 0.00	28.43 2.37 0.00	26.29 2.17 0.00	22.83 1.67 0.00
RAVENSWOOD_GT_10 24258	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.30 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00
RAVENSWOOD_GT_11 24259	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.30 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00
RAVENSWOOD_GT_4 24252	21.43 1.29 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.64 2.19 0.00	26.49 2.12 0.00	26.08 2.15 0.00	26.69 2.27 0.00	27.27 2.30 0.00	28.51 2.38 0.01	32.22 2.58 0.01	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.02 2.73 0.00	28.30 2.24 0.00	26.15 2.03 0.00	22.73 1.57 0.00
RAVENSWOOD_GT_5 24254	21.43 1.29 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.64 2.19 0.00	26.49 2.12 0.00	26.08 2.15 0.00	26.69 2.27 0.00	27.27 2.30 0.00	28.51 2.38 0.01	32.22 2.58 0.01	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.02 2.73 0.00	28.30 2.24 0.00	26.15 2.03 0.00	22.73 1.57 0.00
RAVENSWOOD_GT_6 24253	21.43 1.29 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.64 2.19 0.00	26.49 2.12 0.00	26.08 2.15 0.00	26.69 2.27 0.00	27.27 2.30 0.00	28.51 2.38 0.01	32.22 2.58 0.01	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.02 2.73 0.00	28.30 2.24 0.00	26.15 2.03 0.00	22.73 1.57 0.00
RAVENSWOOD_GT_7 24255	21.43 1.29 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.31 1.19 0.00	21.33 1.26 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.64 2.19 0.00	26.49 2.12 0.00	26.08 2.15 0.00	26.69 2.27 0.00	27.27 2.30 0.00	28.51 2.38 0.01	32.22 2.58 0.01	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.02 2.73 0.00	28.30 2.24 0.00	26.15 2.03 0.00	22.73 1.57 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.30 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00

RAVENSWOOD_GT_9 24257	21.45 1.31 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.30 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.13 2.97 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.17 2.05 0.00	22.75 1.59 0.00
RAVENSWOOD___1 23533	21.51 1.37 0.00	20.20 1.25 0.00	19.93 1.23 0.00	18.92 1.15 0.00	20.39 1.26 0.00	21.39 1.32 0.00	32.13 1.96 0.00	35.08 2.29 0.00	31.02 2.43 0.00	27.76 2.32 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.82 2.39 0.00	27.44 2.47 0.00	28.68 2.53 -0.01	32.41 2.76 -0.01	37.23 3.08 0.00	49.42 4.04 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.20 2.91 0.00	28.43 2.37 0.00	26.32 2.19 0.00	22.96 1.80 0.00
RAVENSWOOD___2 23534	21.51 1.37 0.00	20.20 1.25 0.00	19.93 1.23 0.00	18.91 1.14 0.00	20.37 1.24 0.00	21.39 1.32 0.00	32.10 1.93 0.00	35.04 2.26 0.00	30.99 2.40 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.20 2.27 0.00	26.82 2.39 0.00	27.42 2.45 0.00	28.66 2.51 -0.01	32.41 2.76 -0.01	37.23 3.08 0.00	49.38 3.99 0.00	45.04 3.45 0.00	37.98 2.97 0.00	33.20 2.91 0.00	28.40 2.35 0.00	26.29 2.17 0.00	22.96 1.80 0.00
RAVENSWOOD___3 23535	21.45 1.31 0.00	20.14 1.19 0.00	19.88 1.18 0.00	18.87 1.10 0.00	20.33 1.21 0.00	21.35 1.29 0.00	32.04 1.87 0.00	35.01 2.23 0.00	30.93 2.34 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.29 0.00	27.32 2.35 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.33 3.95 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.05 2.76 0.00	28.32 2.27 0.00	26.20 2.07 0.00	22.90 1.74 0.00
RAVENSWOOD___4 23820	21.49 1.35 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.91 1.14 0.00	20.37 1.24 0.00	21.37 1.30 0.00	32.10 1.93 0.00	35.04 2.26 0.00	30.99 2.40 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.18 2.25 0.00	26.79 2.37 0.00	27.42 2.45 0.00	28.66 2.51 -0.01	32.41 2.76 -0.01	37.23 3.08 0.00	49.38 3.99 0.00	45.00 3.41 0.00	37.98 2.97 0.00	33.17 2.88 0.00	28.40 2.35 0.00	26.29 2.17 0.00	22.96 1.80 0.00
RCPI_TRUST___DRP 24196	21.43 1.29 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.85 1.08 0.00	20.33 1.20 0.00	21.35 1.28 0.00	32.04 1.87 0.00	35.08 2.29 0.00	30.96 2.37 0.00	27.66 2.21 0.00	26.51 2.14 0.00	26.11 2.18 0.00	26.72 2.30 0.00	27.29 2.32 0.00	28.54 2.40 0.00	32.25 2.61 0.00	37.16 3.01 0.00	49.29 3.90 0.00	45.04 3.45 0.00	38.02 3.01 0.00	33.02 2.73 0.00	28.32 2.27 0.00	26.15 2.03 0.00	22.73 1.57 0.00
RED___ROCHESTER 323720	19.40 -0.74 0.00	18.23 -0.72 0.00	17.90 -0.80 0.00	17.00 -0.76 0.00	18.34 -0.78 0.00	19.40 -0.66 0.00	29.27 -0.90 0.00	31.70 -1.08 0.00	27.42 -1.17 0.00	24.40 -1.04 0.00	23.39 -0.98 0.00	23.00 -0.93 0.00	23.40 -1.02 0.00	24.02 -0.95 0.00	24.99 -1.15 0.00	28.28 -1.36 0.00	32.48 -1.67 0.00	42.66 -2.72 0.00	39.30 -2.29 0.00	33.19 -1.82 0.00	28.51 -1.79 0.00	24.78 -1.28 0.00	23.16 -0.97 0.00	20.46 -0.70 0.00
REGAN___SOLAR 323812	21.65 1.51 0.00	20.37 1.42 0.00	20.03 1.33 0.00	19.05 1.28 0.00	20.52 1.40 0.00	21.53 1.46 0.00	32.61 2.44 0.00	35.31 2.52 0.00	30.76 2.17 0.00	27.08 1.63 0.00	25.76 1.39 0.00	25.08 1.15 0.00	25.64 1.22 0.00	26.27 1.30 0.00	27.58 1.44 0.00	31.75 2.10 0.00	36.72 2.56 0.00	49.20 3.81 0.00	45.12 3.53 0.00	37.91 2.90 0.00	32.69 2.39 0.00	28.09 2.03 0.00	25.88 1.76 0.00	22.64 1.48 0.00
RENSSELAER___COGEN 23796	20.80 0.66 0.00	19.63 0.68 0.00	19.37 0.67 0.00	18.41 0.64 0.00	19.81 0.69 0.00	20.71 0.64 0.00	31.11 0.94 0.00	33.83 1.05 0.00	29.68 1.09 0.00	26.39 0.94 0.00	25.27 0.90 0.00	24.82 0.89 0.00	25.37 0.95 0.00	25.94 0.97 0.00	27.13 0.99 0.00	30.80 1.15 0.00	35.49 1.33 0.00	47.25 1.86 0.00	43.29 1.71 0.00	36.41 1.40 0.00	31.57 1.27 0.00	27.07 1.02 0.00	25.04 0.92 0.00	21.95 0.78 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.64 2.50 0.00	21.31 2.37 0.00	20.89 2.19 0.00	19.85 2.08 0.00	21.38 2.26 0.00	21.99 1.93 0.00	33.34 3.17 0.00	36.06 3.28 0.00	31.59 3.00 0.00	27.87 2.42 0.00	26.63 2.27 0.00	25.96 2.03 0.00	26.55 2.12 0.00	27.14 2.17 0.00	28.31 2.17 0.00	32.37 2.73 0.00	37.43 3.28 0.00	50.51 5.13 0.00	46.29 4.70 0.00	38.83 3.82 0.00	33.41 3.12 0.00	28.56 2.50 0.00	26.36 2.24 0.00	23.43 2.26 0.00
REVERE_CPPR_DRP 24186	20.85 0.70 0.00	19.61 0.66 0.00	19.30 0.60 0.00	18.35 0.59 0.00	19.79 0.67 0.00	20.83 0.76 0.00	31.56 1.39 0.00	34.46 1.67 0.00	29.88 1.29 0.00	26.47 1.02 0.00	25.27 0.90 0.00	24.72 0.79 0.00	25.23 0.81 0.00	25.72 0.75 0.00	27.24 1.10 0.00	30.83 1.19 0.00	35.56 1.40 0.00	48.01 2.31 -0.31	43.54 1.95 0.00	37.63 1.61 -1.01	32.43 1.21 -0.92	27.94 1.04 -0.84	25.72 0.80 -0.81	22.57 0.66 -0.75
REYNOLDS_115KV_TB3 80639	20.99 0.85 0.00	19.74 0.80 0.00	19.50 0.80 0.00	18.53 0.76 0.00	19.95 0.82 0.00	20.87 0.80 0.00	31.38 1.21 0.00	34.13 1.34 0.00	29.93 1.34 0.00	26.64 1.20 0.00	25.51 1.15 0.00	25.06 1.12 0.00	25.59 1.17 0.00	26.17 1.20 0.00	27.39 1.25 0.00	31.06 1.42 0.00	35.79 1.64 0.00	47.61 2.22 0.00	43.63 2.04 0.00	36.72 1.72 0.00	31.81 1.51 0.00	27.31 1.25 0.00	25.23 1.11 0.00	22.07 0.91 0.00
RIVERBAY____ 323610	21.73 1.59 0.00	20.39 1.44 0.00	20.14 1.44 0.00	19.12 1.35 0.00	20.60 1.47 0.00	21.59 1.52 0.00	32.43 2.26 0.00	35.44 2.66 0.00	31.25 2.66 0.00	27.94 2.49 0.00	26.76 2.39 0.00	26.37 2.44 0.00	27.04 2.61 0.00	27.62 2.65 0.00	28.89 2.74 -0.01	32.64 2.99 -0.01	37.43 3.28 0.00	49.79 4.40 0.00	45.37 3.78 0.00	38.30 3.29 0.00	33.44 3.15 0.00	28.64 2.58 0.00	26.51 2.39 0.00	23.02 1.86 0.00
RIVERSDE_115KV_TB3 55908	20.93 0.79 0.00	19.68 0.74 0.00	19.45 0.75 0.00	18.48 0.71 0.00	19.89 0.76 0.00	20.81 0.74 0.00	31.26 1.09 0.00	34.03 1.25 0.00	29.82 1.23 0.00	26.54 1.09 0.00	25.41 1.05 0.00	24.96 1.03 0.00	25.52 1.10 0.00	26.07 1.10 0.00	27.29 1.15 0.00	30.95 1.30 0.00	35.69 1.54 0.00	47.47 2.09 0.00	43.50 1.91 0.00	36.62 1.61 0.00	31.72 1.42 0.00	27.20 1.15 0.00	25.13 1.01 0.00	21.99 0.83 0.00
ROARING___BROOK_WT_PWR 323790	4.77 -0.95 14.43	18.04 -0.89 0.01	17.83 -0.86 0.01	16.94 -0.82 0.01	18.26 -0.86 0.00	19.18 -0.88 0.00	28.88 -1.30 0.00	31.47 -1.31 0.00	27.35 -1.23 0.01	24.37 -1.07 0.01	23.36 -1.00 0.01	23.02 -0.91 0.00	23.52 -0.90 0.00	24.09 -0.87 0.00	25.28 -0.86 0.00	28.63 -1.01 0.00	32.88 -1.26 0.01	43.42 -1.77 0.20	3.72 -1.79 36.08	0.00 -1.50 33.51	0.00 -1.36 28.93	0.00 -1.17 24.89	0.00 -1.13 22.99	0.00 -0.95 20.21

ROCHESRG_115KV_T4 355643	19.23 -0.91 0.00	18.00 -0.95 0.00	17.78 -0.92 0.00	16.90 -0.87 0.00	18.23 -0.90 0.00	19.24 -0.82 0.00	29.00 -1.18 0.00	31.21 -1.57 0.00	27.07 -1.52 0.00	24.12 -1.32 0.00	23.12 -1.24 0.00	22.73 -1.20 0.00	23.10 -1.32 0.00	23.77 -1.20 0.00	24.65 -1.49 0.00	27.92 -1.72 0.00	32.04 -2.12 0.00	42.03 -3.36 0.00	38.80 -2.79 0.00	32.70 -2.31 0.00	28.17 -2.12 0.00	24.52 -1.54 0.00	22.89 -1.23 0.00	20.27 -0.89 0.00
ROCHESTER_9_IC 23652	19.31 -0.83 0.00	18.07 -0.87 0.00	17.84 -0.86 0.00	16.95 -0.82 0.00	18.30 -0.82 0.00	19.32 -0.74 0.00	29.15 -1.03 0.00	31.41 -1.38 0.00	27.19 -1.40 0.00	24.25 -1.20 0.00	23.25 -1.12 0.00	22.85 -1.08 0.00	23.23 -1.20 0.00	23.90 -1.07 0.00	24.78 -1.36 0.00	28.07 -1.57 0.00	32.21 -1.95 0.00	42.25 -3.13 0.00	39.01 -2.58 0.00	32.87 -2.14 0.00	28.29 -2.00 0.00	24.62 -1.43 0.00	23.01 -1.11 0.00	20.38 -0.78 0.00
ROCKVIEW_13_KV_LD 356306	21.39 1.25 0.00	20.08 1.14 0.00	19.84 1.14 0.00	18.83 1.07 0.00	20.29 1.17 0.00	21.31 1.24 0.00	31.98 1.81 0.00	34.95 2.16 0.00	30.82 2.23 0.00	27.56 2.11 0.00	26.41 2.05 0.00	25.99 2.06 0.00	26.60 2.17 0.00	27.14 2.17 0.00	28.39 2.25 0.00	32.10 2.46 0.00	37.02 2.87 0.00	49.20 3.81 0.00	44.96 3.37 0.00	37.92 2.91 0.00	32.93 2.64 0.00	28.25 2.19 0.00	26.07 1.95 0.00	22.67 1.50 0.00
ROME____115KV_TB2 80656	20.85 0.70 0.00	19.61 0.66 0.00	19.30 0.60 0.00	18.35 0.59 0.00	19.79 0.67 0.00	20.83 0.76 0.00	31.56 1.39 0.00	34.46 1.67 0.00	29.88 1.29 0.00	26.47 1.02 0.00	25.27 0.90 0.00	24.72 0.79 0.00	25.23 0.81 0.00	25.72 0.75 0.00	27.24 1.10 0.00	30.83 1.19 0.00	35.56 1.40 0.00	48.01 2.31 -0.31	43.54 1.95 0.00	37.63 1.61 -1.01	32.43 1.21 -0.92	27.94 1.04 -0.84	25.72 0.80 -0.81	22.57 0.66 -0.75
ROSETON___1 23587	21.21 1.07 0.00	19.95 1.00 0.00	19.71 1.01 0.00	18.71 0.94 0.00	20.16 1.03 0.00	21.13 1.06 0.00	31.71 1.54 0.00	34.62 1.83 0.00	30.48 1.89 0.00	27.23 1.78 0.00	26.10 1.73 0.00	25.65 1.72 0.00	26.23 1.81 0.00	26.82 1.85 0.00	28.02 1.88 0.00	31.72 2.07 0.00	36.58 2.43 0.00	48.65 3.27 0.00	44.46 2.87 0.00	37.46 2.45 0.00	32.50 2.21 0.00	27.91 1.85 0.00	25.81 1.69 0.00	22.56 1.40 0.00
ROSETON___2 23588	21.03 0.89 0.00	19.76 0.81 0.00	19.50 0.80 0.00	18.53 0.76 0.00	19.96 0.84 0.00	20.97 0.90 0.00	31.50 1.33 0.00	34.36 1.57 0.00	30.22 1.63 0.00	26.95 1.50 0.00	25.83 1.46 0.00	25.39 1.46 0.00	25.94 1.51 0.00	26.49 1.52 0.00	27.68 1.54 0.00	31.33 1.69 0.00	36.17 2.01 0.00	48.15 2.77 0.00	44.04 2.45 0.00	37.07 2.07 0.00	32.17 1.88 0.00	27.62 1.56 0.00	25.54 1.42 0.00	22.35 1.18 0.00
ROTRDAM_115KV_TB3 80664	20.93 0.79 0.00	19.70 0.76 0.00	19.43 0.73 0.00	18.46 0.69 0.00	19.87 0.75 0.00	20.77 0.70 0.00	31.26 1.09 0.00	34.00 1.21 0.00	29.73 1.14 0.00	26.42 0.97 0.00	25.27 0.90 0.00	24.77 0.84 0.00	25.30 0.88 0.00	25.89 0.92 0.00	27.08 0.94 0.00	30.80 1.16 0.00	35.52 1.37 0.00	47.29 1.91 0.00	43.34 1.75 0.00	36.48 1.47 0.00	31.57 1.27 0.00	27.13 1.07 0.00	25.06 0.94 0.00	21.97 0.80 0.00
RUSSELL___1 23602	19.38 -0.77 0.00	18.13 -0.81 0.00	17.90 -0.80 0.00	17.00 -0.76 0.00	18.34 -0.78 0.00	19.40 -0.66 0.00	29.27 -0.91 0.00	31.64 -1.15 0.00	27.39 -1.20 0.00	24.40 -1.04 0.00	23.39 -0.97 0.00	23.00 -0.93 0.00	23.40 -1.03 0.00	24.07 -0.90 0.00	24.96 -1.18 0.00	28.28 -1.36 0.00	32.45 -1.71 0.00	42.57 -2.81 0.00	39.30 -2.29 0.00	33.12 -1.89 0.00	28.51 -1.79 0.00	24.81 -1.25 0.00	23.18 -0.94 0.00	20.51 -0.66 0.00
RUSSELL___2 23532	19.38 -0.77 0.00	18.13 -0.81 0.00	17.90 -0.80 0.00	17.00 -0.76 0.00	18.34 -0.78 0.00	19.40 -0.66 0.00	29.27 -0.91 0.00	31.64 -1.15 0.00	27.39 -1.20 0.00	24.40 -1.04 0.00	23.39 -0.97 0.00	23.00 -0.93 0.00	23.40 -1.03 0.00	24.07 -0.90 0.00	24.96 -1.18 0.00	28.28 -1.36 0.00	32.45 -1.71 0.00	42.57 -2.81 0.00	39.30 -2.29 0.00	33.12 -1.89 0.00	28.51 -1.79 0.00	24.81 -1.25 0.00	23.18 -0.94 0.00	20.51 -0.66 0.00
RUSSELL___3 23549	19.38 -0.77 0.00	18.13 -0.81 0.00	17.90 -0.80 0.00	17.00 -0.76 0.00	18.34 -0.78 0.00	19.40 -0.66 0.00	29.27 -0.91 0.00	31.64 -1.15 0.00	27.39 -1.20 0.00	24.40 -1.04 0.00	23.39 -0.97 0.00	23.00 -0.93 0.00	23.40 -1.03 0.00	24.07 -0.90 0.00	24.96 -1.18 0.00	28.28 -1.36 0.00	32.45 -1.71 0.00	42.57 -2.81 0.00	39.30 -2.29 0.00	33.12 -1.89 0.00	28.51 -1.79 0.00	24.81 -1.25 0.00	23.18 -0.94 0.00	20.51 -0.66 0.00
RUSSELL___4 23556	19.38 -0.77 0.00	18.13 -0.81 0.00	17.90 -0.80 0.00	17.00 -0.76 0.00	18.34 -0.78 0.00	19.40 -0.66 0.00	29.27 -0.91 0.00	31.64 -1.15 0.00	27.39 -1.20 0.00	24.40 -1.04 0.00	23.39 -0.97 0.00	23.00 -0.93 0.00	23.40 -1.03 0.00	24.07 -0.90 0.00	24.96 -1.18 0.00	28.28 -1.36 0.00	32.45 -1.71 0.00	42.57 -2.81 0.00	39.30 -2.29 0.00	33.12 -1.89 0.00	28.51 -1.79 0.00	24.81 -1.25 0.00	23.18 -0.94 0.00	20.51 -0.66 0.00
RUSSELL___STATION 23914	19.38 -0.77 0.00	18.13 -0.81 0.00	17.90 -0.80 0.00	17.00 -0.76 0.00	18.34 -0.78 0.00	19.40 -0.66 0.00	29.27 -0.91 0.00	31.64 -1.15 0.00	27.39 -1.20 0.00	24.40 -1.04 0.00	23.39 -0.97 0.00	23.00 -0.93 0.00	23.40 -1.03 0.00	24.07 -0.90 0.00	24.96 -1.18 0.00	28.28 -1.36 0.00	32.45 -1.71 0.00	42.57 -2.81 0.00	39.30 -2.29 0.00	33.12 -1.89 0.00	28.51 -1.79 0.00	24.81 -1.25 0.00	23.18 -0.94 0.00	20.51 -0.66 0.00
S SALMON___HYD 24043	19.69 -0.14 0.31	18.81 -0.13 0.00	18.53 -0.17 0.00	17.61 -0.16 0.00	18.97 -0.15 0.00	19.93 -0.14 0.00	30.08 -0.09 0.00	32.62 -0.16 0.00	28.28 -0.31 0.00	25.07 -0.38 0.00	24.00 -0.36 0.00	23.52 -0.41 0.00	24.01 -0.42 0.00	24.49 -0.48 0.00	25.75 -0.39 0.00	29.29 -0.35 0.00	33.68 -0.48 0.00	45.41 -0.36 -0.39	40.47 -0.33 0.78	35.27 -0.28 -0.54	30.44 -0.39 -0.54	26.24 -0.34 -0.52	24.33 -0.31 -0.52	21.37 -0.30 -0.50
S.PERRY__115KV_TB1 80734	19.64 -0.50 0.00	18.34 -0.61 0.00	18.12 -0.58 0.00	17.22 -0.55 0.00	18.59 -0.54 0.00	19.70 -0.36 0.00	29.96 -0.21 0.00	32.39 -0.39 0.00	27.85 -0.74 0.00	24.71 -0.74 0.00	23.66 -0.71 0.00	23.19 -0.74 0.00	23.52 -0.90 0.00	24.22 -0.75 0.00	25.15 -0.99 0.00	28.55 -1.10 0.00	32.93 -1.23 0.00	43.30 -2.09 0.00	40.05 -1.54 0.00	33.71 -1.30 0.00	28.90 -1.39 0.00	25.17 -0.89 0.00	23.49 -0.63 0.00	20.68 -0.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	18.89 -1.25 0.00	17.60 -1.35 0.00	17.43 -1.27 0.00	16.56 -1.21 0.00	17.90 -1.22 0.00	18.98 -1.08 0.00	28.60 -1.57 0.00	30.52 -2.26 0.00	26.42 -2.17 0.00	23.59 -1.86 0.00	22.71 -1.66 0.00	22.26 -1.68 0.00	22.54 -1.88 0.00	23.30 -1.67 0.00	24.07 -2.07 0.00	27.06 -2.58 0.00	31.01 -3.14 0.00	40.25 -5.13 0.01	37.35 -4.24 0.00	31.54 -3.47 0.00	27.17 -3.12 0.00	23.84 -2.21 0.00	22.38 -1.74 0.00	19.94 -1.23 0.00

SAWYER___23_KV_LOAD 55526	18.89 -1.25 0.00	17.60 -1.35 0.00	17.43 -1.27 0.00	16.56 -1.21 0.00	17.90 -1.22 0.00	18.98 -1.08 0.00	28.60 -1.57 0.00	30.52 -2.26 0.00	26.42 -2.17 0.00	23.59 -1.86 0.00	22.71 -1.66 0.00	22.26 -1.68 0.00	22.54 -1.88 0.00	23.30 -1.67 0.00	24.07 -2.07 0.00	27.06 -2.58 0.00	31.01 -3.14 0.00	40.25 -5.13 0.01	37.35 -4.24 0.00	31.54 -3.47 0.00	27.17 -3.12 0.00	23.84 -2.21 0.00	22.38 -1.74 0.00	19.94 -1.23 0.00
SELKIRK___I 23801	20.89 0.75 0.00	19.68 0.74 0.00	19.43 0.73 0.00	18.46 0.69 0.00	19.85 0.73 0.00	20.77 0.70 0.00	31.20 1.03 0.00	33.90 1.12 0.00	29.65 1.06 0.00	26.34 0.89 0.00	25.20 0.83 0.00	24.72 0.79 0.00	25.25 0.83 0.00	25.84 0.87 0.00	27.05 0.91 0.00	30.77 1.13 0.00	35.49 1.33 0.00	47.25 1.86 0.00	43.29 1.71 0.00	36.45 1.44 0.00	31.57 1.27 0.00	27.10 1.04 0.00	25.06 0.94 0.00	21.97 0.80 0.00
SELKIRK___II 23799	20.77 0.63 0.00	19.57 0.62 0.00	19.32 0.62 0.00	18.35 0.59 0.00	19.75 0.63 0.00	20.69 0.62 0.00	31.08 0.90 0.00	33.80 1.02 0.00	29.62 1.03 0.00	26.34 0.89 0.00	25.22 0.85 0.00	24.77 0.84 0.00	25.30 0.88 0.00	25.87 0.90 0.00	27.08 0.94 0.00	30.71 1.07 0.00	35.42 1.26 0.00	47.11 1.72 0.00	43.17 1.58 0.00	36.34 1.33 0.00	31.47 1.18 0.00	27.02 0.96 0.00	24.99 0.87 0.00	21.90 0.74 0.00
SENECA OSWGO___HYD 24041	19.80 -0.34 0.00	18.59 -0.36 0.00	18.34 -0.36 0.00	17.43 -0.34 0.00	18.76 -0.36 0.00	19.68 -0.38 0.00	29.63 -0.54 0.00	32.09 -0.69 0.00	27.90 -0.69 0.00	24.81 -0.64 0.00	23.76 -0.61 0.00	23.33 -0.60 0.00	23.79 -0.64 0.00	24.35 -0.62 0.00	25.49 -0.65 0.00	28.90 -0.74 0.00	33.30 -0.85 0.00	44.21 -1.18 0.00	40.55 -1.04 0.00	34.10 -0.91 0.00	29.45 -0.85 0.00	25.38 -0.68 0.00	23.52 -0.60 0.00	20.65 -0.51 0.00
SENECA___115KV_TB3 355854	19.11 -1.03 0.00	17.81 -1.14 0.00	17.63 -1.07 0.00	16.77 -0.99 0.00	18.13 -0.99 0.00	19.22 -0.84 0.00	29.06 -1.12 0.00	31.11 -1.67 0.00	26.87 -1.72 0.00	23.97 -1.48 0.00	23.10 -1.27 0.00	22.64 -1.29 0.00	22.93 -1.49 0.00	23.70 -1.27 0.00	24.47 -1.67 0.00	27.51 -2.13 0.00	31.56 -2.60 0.00	41.02 -4.36 0.01	38.05 -3.54 0.00	32.14 -2.87 0.00	27.60 -2.70 0.00	24.21 -1.85 0.00	22.72 -1.40 0.00	20.19 -0.97 0.00
SENECA___ENERGY 23797	19.72 -0.42 0.00	18.49 -0.45 0.00	18.21 -0.49 0.00	17.32 -0.44 0.00	18.68 -0.44 0.00	19.68 -0.38 0.00	29.75 -0.42 0.00	32.26 -0.53 0.00	27.96 -0.63 0.00	24.86 -0.58 0.00	23.81 -0.56 0.00	23.38 -0.55 0.00	23.79 -0.64 0.00	24.37 -0.60 0.00	25.44 -0.70 0.00	28.84 -0.80 0.00	33.16 -0.99 0.00	43.89 -1.50 0.00	40.34 -1.25 0.00	33.92 -1.09 0.00	29.26 -1.03 0.00	25.28 -0.78 0.00	23.49 -0.63 0.00	20.63 -0.53 0.00
SHOEMAKER___GT 23640	20.97 0.83 0.00	19.72 0.78 0.00	19.47 0.77 0.00	18.48 0.71 0.00	19.93 0.80 0.00	20.93 0.86 0.00	31.44 1.27 0.00	34.26 1.48 0.00	30.08 1.49 0.00	26.82 1.37 0.00	25.68 1.31 0.00	25.22 1.29 0.00	25.79 1.37 0.00	26.34 1.37 0.00	27.52 1.38 0.00	31.18 1.54 0.00	36.03 1.88 0.00	47.93 2.54 0.00	43.87 2.29 0.00	36.93 1.92 0.00	32.02 1.73 0.00	27.49 1.43 0.00	25.42 1.30 0.00	22.24 1.08 0.00
SHOEMAKR_138KV_BK 111 55601	20.99 0.85 0.00	19.72 0.78 0.00	19.47 0.77 0.00	18.48 0.71 0.00	19.93 0.80 0.00	20.93 0.86 0.00	31.44 1.27 0.00	34.29 1.51 0.00	30.10 1.52 0.00	26.82 1.37 0.00	25.71 1.34 0.00	25.25 1.32 0.00	25.81 1.39 0.00	26.34 1.37 0.00	27.55 1.41 0.00	31.18 1.54 0.00	36.03 1.88 0.00	47.88 2.50 0.00	43.88 2.29 0.00	36.97 1.96 0.00	32.02 1.73 0.00	27.49 1.43 0.00	25.40 1.28 0.00	22.14 0.97 0.00
SHOREHAM_IC_1 23715	22.05 1.91 0.00	20.58 1.63 0.00	20.29 1.59 0.00	19.17 1.40 0.00	20.65 1.53 0.00	22.01 1.95 0.00	31.50 1.33 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.69 2.24 0.00	26.63 2.27 0.00	26.47 2.54 0.00	26.84 2.42 0.00	27.52 2.55 0.00	28.39 2.25 0.00	32.07 2.43 0.00	37.33 3.18 0.00	50.56 5.17 0.00	45.04 3.45 0.00	37.91 2.90 0.00	33.05 2.76 0.00	28.95 2.89 0.00	26.41 2.29 0.00	22.92 1.76 0.00
SHOREHAM_IC_2 23716	22.05 1.91 0.00	20.58 1.63 0.00	20.29 1.59 0.00	19.17 1.40 0.00	20.65 1.53 0.00	22.01 1.95 0.00	31.50 1.33 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.69 2.24 0.00	26.63 2.27 0.00	26.47 2.54 0.00	26.84 2.42 0.00	27.52 2.55 0.00	28.39 2.25 0.00	32.07 2.43 0.00	37.33 3.18 0.00	50.56 5.17 0.00	45.04 3.45 0.00	37.91 2.90 0.00	33.05 2.76 0.00	28.95 2.89 0.00	26.41 2.29 0.00	22.92 1.76 0.00
SISSONVILLE____ 23735	16.58 0.46 4.02	19.42 0.47 0.00	19.07 0.37 0.00	18.16 0.39 0.00	19.62 0.50 0.00	20.75 0.68 0.00	31.74 1.57 0.00	34.59 1.80 0.00	29.59 1.00 0.00	25.98 0.53 0.00	24.66 0.29 0.00	24.12 0.19 0.00	24.54 0.12 0.00	24.97 0.00 0.00	26.56 0.42 0.00	30.35 0.71 0.00	35.18 1.02 0.00	51.61 2.59 -3.63	33.86 2.33 10.06	39.58 1.96 -2.61	34.59 1.39 -2.91	30.16 1.04 -3.06	27.82 0.53 -3.17	24.75 0.34 -3.24
SITHE_IND_GS1 24169	19.56 -0.58 0.00	18.40 -0.55 0.00	18.14 -0.56 0.00	17.24 -0.53 0.00	18.55 -0.57 0.00	19.46 -0.60 0.00	29.21 -0.97 0.00	31.61 -1.18 0.00	27.50 -1.09 0.00	24.48 -0.97 0.00	23.44 -0.93 0.00	23.02 -0.91 0.00	23.47 -0.95 0.00	24.02 -0.95 0.00	25.12 -1.02 0.00	28.52 -1.13 0.00	32.82 -1.33 0.00	43.52 -1.86 0.00	39.92 -1.66 0.00	33.61 -1.40 0.00	29.05 -1.24 0.00	25.01 -1.04 0.00	23.18 -0.94 0.00	20.38 -0.78 0.00
SITHE_IND_GS2 24170	19.56 -0.58 0.00	18.40 -0.55 0.00	18.14 -0.56 0.00	17.24 -0.53 0.00	18.55 -0.57 0.00	19.46 -0.60 0.00	29.21 -0.97 0.00	31.61 -1.18 0.00	27.50 -1.09 0.00	24.48 -0.97 0.00	23.44 -0.93 0.00	23.02 -0.91 0.00	23.47 -0.95 0.00	24.02 -0.95 0.00	25.12 -1.02 0.00	28.52 -1.13 0.00	32.82 -1.33 0.00	43.52 -1.86 0.00	39.92 -1.66 0.00	33.61 -1.40 0.00	29.05 -1.24 0.00	25.01 -1.04 0.00	23.18 -0.94 0.00	20.38 -0.78 0.00
SITHE_IND_GS3 24171	19.56 -0.58 0.00	18.40 -0.55 0.00	18.14 -0.56 0.00	17.24 -0.53 0.00	18.55 -0.57 0.00	19.46 -0.60 0.00	29.21 -0.97 0.00	31.61 -1.18 0.00	27.50 -1.09 0.00	24.48 -0.97 0.00	23.44 -0.93 0.00	23.02 -0.91 0.00	23.47 -0.95 0.00	24.02 -0.95 0.00	25.12 -1.02 0.00	28.52 -1.13 0.00	32.82 -1.33 0.00	43.52 -1.86 0.00	39.92 -1.66 0.00	33.61 -1.40 0.00	29.05 -1.24 0.00	25.01 -1.04 0.00	23.18 -0.94 0.00	20.38 -0.78 0.00
SITHE_IND_GS4 24172	19.56 -0.58 0.00	18.40 -0.55 0.00	18.14 -0.56 0.00	17.24 -0.53 0.00	18.55 -0.57 0.00	19.46 -0.60 0.00	29.21 -0.97 0.00	31.61 -1.18 0.00	27.50 -1.09 0.00	24.48 -0.97 0.00	23.44 -0.93 0.00	23.02 -0.91 0.00	23.47 -0.95 0.00	24.02 -0.95 0.00	25.12 -1.02 0.00	28.52 -1.13 0.00	32.82 -1.33 0.00	43.52 -1.86 0.00	39.92 -1.66 0.00	33.61 -1.40 0.00	29.05 -1.24 0.00	25.01 -1.04 0.00	23.18 -0.94 0.00	20.38 -0.78 0.00

SITHE___BATAVIA 24024	19.23 -0.91 0.00	18.06 -0.89 0.00	17.71 -0.99 0.00	16.83 -0.94 0.00	18.19 -0.94 0.00	19.30 -0.76 0.00	29.18 -0.99 0.00	31.41 -1.38 0.00	27.07 -1.52 0.00	24.10 -1.35 0.00	23.13 -1.24 0.00	22.68 -1.25 0.00	23.03 -1.39 0.00	23.70 -1.27 0.00	24.57 -1.57 0.00	27.72 -1.93 0.00	31.83 -2.32 0.00	41.48 -3.90 0.00	38.43 -3.16 0.00	32.52 -2.48 0.00	27.87 -2.42 0.00	24.39 -1.67 0.00	22.87 -1.26 0.00	20.32 -0.85 0.00
SITHE___INDEPEND 23800	19.56 -0.58 0.00	18.38 -0.57 0.00	18.14 -0.56 0.00	17.23 -0.53 0.00	18.55 -0.57 0.00	19.46 -0.60 0.00	29.21 -0.97 0.00	31.60 -1.18 0.00	27.50 -1.09 0.00	24.48 -0.97 0.00	23.44 -0.93 0.00	23.02 -0.91 0.00	23.47 -0.95 0.00	24.02 -0.95 0.00	25.12 -1.02 0.00	28.52 -1.13 0.00	32.82 -1.33 0.00	43.57 -1.82 0.00	39.93 -1.66 0.00	33.61 -1.40 0.00	29.05 -1.24 0.00	25.01 -1.04 0.00	23.20 -0.92 0.00	20.49 -0.68 0.00
SITHE___MASSENA 23902	9.93 -0.18 10.03	18.75 -0.19 0.01	18.50 -0.19 0.01	17.58 -0.18 0.01	18.93 -0.19 0.00	19.88 -0.18 0.00	29.99 -0.18 0.00	32.65 -0.13 0.00	28.30 -0.29 0.01	25.19 -0.25 0.01	24.09 -0.27 0.01	23.67 -0.26 0.00	24.10 -0.32 0.00	24.62 -0.35 0.00	25.83 -0.31 0.00	29.29 -0.35 0.00	33.77 -0.37 0.01	44.67 -0.36 0.35	16.18 -0.33 25.07	10.76 -0.28 23.96	9.32 -0.24 20.73	7.99 -0.21 17.86	7.38 -0.22 16.52	6.40 -0.21 14.55
SITHE___OGDNSBRG 24021	17.25 1.13 4.02	20.06 1.12 0.00	19.67 0.97 0.00	18.72 0.96 0.00	20.25 1.13 0.00	21.47 1.40 0.00	33.07 2.90 0.00	35.96 3.18 0.00	30.56 1.97 0.00	26.64 1.20 0.00	25.17 0.80 0.00	24.55 0.62 0.00	24.98 0.56 0.00	25.37 0.40 0.00	27.13 0.99 0.00	31.12 1.48 0.00	36.24 2.08 0.00	53.56 4.54 -3.63	35.73 4.20 10.06	41.16 3.54 -2.61	35.84 2.64 -2.91	31.20 2.08 -3.06	28.61 1.33 -3.17	25.38 0.97 -3.24
SITHE___STERLING 23777	20.66 0.52 0.00	19.44 0.49 0.00	19.15 0.45 0.00	18.21 0.44 0.00	19.62 0.50 0.00	20.63 0.56 0.00	31.20 1.03 0.00	34.13 1.34 0.00	29.62 1.03 0.00	26.26 0.81 0.00	25.12 0.76 0.00	24.60 0.67 0.00	25.08 0.66 0.00	25.59 0.62 0.00	27.03 0.89 0.00	30.50 0.86 0.00	35.15 0.99 0.00	47.18 1.59 -0.21	42.92 1.33 0.00	36.80 1.12 -0.67	31.73 0.82 -0.62	27.32 0.70 -0.56	25.21 0.56 -0.54	22.13 0.46 -0.50
SLEIGHT__34_KV_TB1 80719	19.44 -0.70 0.00	18.19 -0.76 0.00	17.97 -0.73 0.00	17.07 -0.69 0.00	18.42 -0.71 0.00	19.42 -0.64 0.00	29.33 -0.84 0.00	31.70 -1.08 0.00	27.47 -1.11 0.00	24.48 -0.97 0.00	23.44 -0.93 0.00	23.04 -0.89 0.00	23.45 -0.98 0.00	24.07 -0.90 0.00	25.07 -1.07 0.00	28.43 -1.22 0.00	32.69 -1.47 0.00	43.07 -2.31 0.00	39.63 -1.95 0.00	33.33 -1.68 0.00	28.72 -1.58 0.00	24.88 -1.17 0.00	23.18 -0.94 0.00	20.44 -0.72 0.00
SOUTH CAIRO___GT 23612	21.31 1.17 0.00	20.08 1.14 0.00	19.80 1.10 0.00	18.80 1.03 0.00	20.29 1.17 0.00	21.21 1.14 0.00	32.01 1.84 0.00	34.72 1.93 0.00	30.30 1.72 0.00	26.67 1.22 0.00	25.41 1.05 0.00	24.77 0.84 0.00	25.40 0.98 0.00	25.92 0.95 0.00	27.24 1.10 0.00	31.12 1.48 0.00	36.14 1.98 0.00	48.38 3.00 0.00	44.38 2.79 0.00	37.22 2.21 0.00	32.14 1.85 0.00	27.54 1.49 0.00	25.35 1.23 0.00	22.20 1.04 0.00
SOUTH HAMPTN___IC 23720	22.13 1.99 0.00	20.63 1.69 0.00	20.33 1.63 0.00	19.21 1.44 0.00	20.69 1.57 0.00	22.07 2.01 0.00	31.56 1.39 0.00	34.59 1.80 0.00	30.68 2.09 0.00	27.74 2.29 0.00	26.71 2.34 0.00	26.54 2.61 0.00	26.89 2.47 0.00	27.59 2.62 0.00	28.47 2.33 0.00	32.16 2.52 0.00	37.47 3.31 0.00	50.74 5.35 0.00	45.12 3.53 0.00	37.95 2.94 0.00	33.05 2.76 0.00	28.95 2.89 0.00	26.41 2.29 0.00	22.94 1.78 0.00
SOUTHDOW_115KV_TB1 355954	19.23 -0.91 0.00	17.96 -0.99 0.00	17.76 -0.93 0.00	16.91 -0.85 0.00	18.32 -0.80 0.00	19.48 -0.58 0.00	29.69 -0.48 0.00	32.03 -0.75 0.00	27.59 -1.00 0.00	24.53 -0.92 0.00	23.68 -0.68 0.00	23.38 -0.55 0.00	23.47 -0.95 0.00	24.25 -0.72 0.00	25.04 -1.10 0.00	28.13 -1.51 0.00	32.41 -1.74 0.00	42.29 -3.09 0.01	39.18 -2.41 0.00	33.05 -1.96 0.00	28.26 -2.03 0.00	24.75 -1.30 0.00	23.20 -0.92 0.00	20.44 -0.72 0.00
SOUTHOLD_69_KV_BK 2 55809	22.26 2.11 0.00	20.63 1.69 0.00	20.33 1.63 0.00	19.19 1.42 0.00	20.67 1.55 0.00	22.05 1.99 0.00	31.53 1.36 0.00	34.59 1.80 0.00	30.68 2.09 0.00	27.64 2.19 0.00	26.63 2.27 0.00	26.49 2.56 0.00	27.01 2.39 0.00	27.34 2.37 0.00	28.54 2.40 0.00	32.10 2.46 0.00	37.43 3.28 0.00	50.38 4.99 0.00	44.92 3.33 0.00	38.02 3.01 0.00	32.90 2.61 0.00	28.77 2.71 0.00	26.07 1.95 0.00	22.71 1.54 0.00
SOUTHOLD___IC 23719	22.15 2.01 0.00	20.63 1.69 0.00	20.33 1.63 0.00	19.19 1.42 0.00	20.67 1.55 0.00	22.05 1.99 0.00	31.53 1.36 0.00	34.55 1.77 0.00	30.68 2.09 0.00	27.64 2.19 0.00	26.63 2.27 0.00	26.49 2.56 0.00	26.82 2.39 0.00	27.52 2.55 0.00	28.41 2.27 0.00	32.10 2.46 0.00	37.43 3.28 0.00	50.83 5.44 0.00	45.04 3.45 0.00	37.81 2.80 0.00	32.90 2.61 0.00	28.82 2.76 0.00	26.22 2.10 0.00	22.86 1.69 0.00
SOUTH_FORK_WT_PWR 323839	22.01 1.87 0.00	20.50 1.55 0.00	20.20 1.50 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.91 1.84 0.00	31.26 1.08 0.00	34.26 1.48 0.00	30.42 1.83 0.00	27.38 1.93 0.00	26.39 2.02 0.00	26.25 2.32 0.00	26.57 2.15 0.00	27.27 2.30 0.00	28.15 2.01 0.00	31.80 2.16 0.00	37.09 2.94 0.00	50.38 4.99 0.00	44.54 2.95 0.00	37.39 2.38 0.00	32.54 2.24 0.00	28.48 2.42 0.00	25.93 1.81 0.00	22.64 1.48 0.00
SPIERFLS_115KV_TB 1 80737	21.67 1.53 0.00	20.40 1.46 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.01 0.94 0.00	31.71 1.54 0.00	34.39 1.61 0.00	30.16 1.57 0.00	26.75 1.30 0.00	25.59 1.22 0.00	25.01 1.08 0.00	25.52 1.10 0.00	26.09 1.12 0.00	27.24 1.10 0.00	31.01 1.36 0.00	35.79 1.64 0.00	47.97 2.59 0.00	43.92 2.33 0.00	36.94 1.93 0.00	31.87 1.58 0.00	27.31 1.25 0.00	25.30 1.18 0.00	22.60 1.44 0.00
ST LAWRENCE____ 23600	9.75 -0.36 10.03	18.60 -0.34 0.01	18.36 -0.34 0.01	17.44 -0.32 0.01	18.78 -0.34 0.00	19.72 -0.34 0.00	29.69 -0.48 0.00	32.33 -0.46 0.00	28.07 -0.51 0.01	24.96 -0.48 0.01	23.90 -0.46 0.01	23.47 -0.46 0.00	23.93 -0.49 0.00	24.47 -0.50 0.00	25.64 -0.50 0.00	29.08 -0.56 0.00	33.50 -0.65 0.01	44.27 -0.77 0.35	15.81 -0.71 25.07	10.45 -0.60 23.96	9.05 -0.52 20.73	7.75 -0.44 17.86	7.17 -0.43 16.52	6.21 -0.40 14.55
STATE_CA_115KV_115_LB 55624	20.91 0.77 0.00	19.68 0.74 0.00	19.45 0.75 0.00	18.48 0.71 0.00	19.89 0.76 0.00	20.79 0.72 0.00	31.26 1.09 0.00	34.00 1.21 0.00	29.82 1.23 0.00	26.52 1.07 0.00	25.39 1.02 0.00	24.91 0.98 0.00	25.47 1.05 0.00	26.04 1.07 0.00	27.26 1.12 0.00	30.95 1.30 0.00	35.66 1.50 0.00	47.47 2.09 0.00	43.50 1.91 0.00	36.62 1.61 0.00	31.69 1.39 0.00	27.20 1.15 0.00	25.11 0.99 0.00	21.97 0.80 0.00

STATE_ST_34_KV_LOAD 55959	20.02 -0.12 0.00	18.76 -0.19 0.00	18.51 -0.19 0.00	17.59 -0.18 0.00	18.95 -0.17 0.00	19.95 -0.12 0.00	30.11 -0.06 0.00	32.69 -0.10 0.00	28.33 -0.26 0.00	25.19 -0.25 0.00	24.10 -0.27 0.00	23.69 -0.24 0.00	24.10 -0.32 0.00	24.69 -0.27 0.00	25.83 -0.31 0.00	29.32 -0.33 0.00	33.78 -0.38 0.00	44.80 -0.59 0.00	41.13 -0.46 0.00	34.59 -0.42 0.00	29.84 -0.45 0.00	25.72 -0.34 0.00	23.88 -0.24 0.00	20.97 -0.19 0.00
STATION 5_MISC_HYD 23604	19.33 -0.81 0.00	18.15 -0.80 0.00	17.84 -0.86 0.00	16.95 -0.82 0.00	18.30 -0.82 0.00	19.32 -0.74 0.00	29.15 -1.03 0.00	31.44 -1.35 0.00	27.22 -1.37 0.00	24.25 -1.20 0.00	23.25 -1.12 0.00	22.85 -1.08 0.00	23.25 -1.17 0.00	23.85 -1.12 0.00	24.81 -1.33 0.00	28.07 -1.57 0.00	32.24 -1.91 0.00	42.30 -3.09 0.00	39.01 -2.58 0.00	32.91 -2.10 0.00	28.29 -2.00 0.00	24.62 -1.43 0.00	22.99 -1.13 0.00	20.34 -0.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.60 -0.54 0.00	18.34 -0.61 0.00	18.10 -0.60 0.00	17.20 -0.57 0.00	18.55 -0.57 0.00	19.60 -0.46 0.00	29.63 -0.54 0.00	32.03 -0.75 0.00	27.73 -0.86 0.00	24.71 -0.74 0.00	23.66 -0.71 0.00	23.26 -0.67 0.00	23.64 -0.78 0.00	24.30 -0.67 0.00	25.25 -0.89 0.00	28.66 -0.98 0.00	32.96 -1.20 0.00	43.34 -2.04 0.00	39.93 -1.66 0.00	33.57 -1.44 0.00	28.93 -1.36 0.00	25.09 -0.96 0.00	23.40 -0.72 0.00	20.63 -0.53 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.25 -0.89 0.00	18.02 -0.93 0.00	17.78 -0.92 0.00	16.90 -0.87 0.00	18.23 -0.90 0.00	19.26 -0.80 0.00	29.03 -1.15 0.00	31.31 -1.48 0.00	27.13 -1.46 0.00	24.20 -1.25 0.00	23.20 -1.17 0.00	22.78 -1.15 0.00	23.18 -1.25 0.00	23.85 -1.12 0.00	24.73 -1.41 0.00	28.01 -1.63 0.00	32.17 -1.98 0.00	42.21 -3.18 0.00	38.93 -2.66 0.00	32.80 -2.21 0.00	28.26 -2.03 0.00	24.57 -1.49 0.00	22.94 -1.18 0.00	20.29 -0.87 0.00
STA_56___34_KV_BUS2 355983	19.25 -0.89 0.00	18.02 -0.93 0.00	17.78 -0.92 0.00	16.90 -0.87 0.00	18.23 -0.90 0.00	19.26 -0.80 0.00	29.03 -1.15 0.00	31.31 -1.48 0.00	27.13 -1.46 0.00	24.20 -1.25 0.00	23.20 -1.17 0.00	22.78 -1.15 0.00	23.18 -1.25 0.00	23.85 -1.12 0.00	24.73 -1.41 0.00	28.01 -1.63 0.00	32.17 -1.98 0.00	42.21 -3.18 0.00	38.93 -2.66 0.00	32.80 -2.21 0.00	28.26 -2.03 0.00	24.57 -1.49 0.00	22.94 -1.18 0.00	20.29 -0.87 0.00
STA_67___115KV_BK2 355882	19.29 -0.85 0.00	18.06 -0.89 0.00	17.82 -0.88 0.00	16.93 -0.84 0.00	18.26 -0.86 0.00	19.30 -0.76 0.00	29.09 -1.09 0.00	31.34 -1.44 0.00	27.13 -1.46 0.00	24.20 -1.25 0.00	23.20 -1.17 0.00	22.81 -1.12 0.00	23.18 -1.25 0.00	23.85 -1.12 0.00	24.73 -1.41 0.00	28.01 -1.63 0.00	32.14 -2.02 0.00	42.16 -3.22 0.00	38.93 -2.66 0.00	32.80 -2.21 0.00	28.26 -2.03 0.00	24.57 -1.49 0.00	22.96 -1.16 0.00	20.34 -0.83 0.00
STA_7___115KV_9TRANS 80674	19.38 -0.77 0.00	18.13 -0.81 0.00	17.90 -0.80 0.00	17.00 -0.76 0.00	18.34 -0.78 0.00	19.40 -0.66 0.00	29.27 -0.91 0.00	31.64 -1.15 0.00	27.39 -1.20 0.00	24.40 -1.04 0.00	23.39 -0.97 0.00	23.00 -0.93 0.00	23.40 -1.03 0.00	24.07 -0.90 0.00	24.96 -1.18 0.00	28.28 -1.36 0.00	32.45 -1.71 0.00	42.57 -2.81 0.00	39.30 -2.29 0.00	33.12 -1.89 0.00	28.51 -1.79 0.00	24.81 -1.25 0.00	23.18 -0.94 0.00	20.51 -0.66 0.00
STA_82___115KV_TB1 80780	19.29 -0.85 0.00	18.06 -0.89 0.00	17.82 -0.88 0.00	16.93 -0.84 0.00	18.26 -0.86 0.00	19.30 -0.76 0.00	29.09 -1.09 0.00	31.34 -1.44 0.00	27.16 -1.43 0.00	24.20 -1.25 0.00	23.20 -1.17 0.00	22.81 -1.12 0.00	23.18 -1.25 0.00	23.85 -1.12 0.00	24.73 -1.41 0.00	28.01 -1.63 0.00	32.14 -2.02 0.00	42.16 -3.22 0.00	38.93 -2.66 0.00	32.80 -2.21 0.00	28.26 -2.03 0.00	24.60 -1.46 0.00	22.96 -1.16 0.00	20.34 -0.83 0.00
STEEL___WIND 323596	19.13 -1.01 0.00	17.94 -1.00 0.00	17.61 -1.09 0.00	16.76 -1.01 0.00	18.11 -1.01 0.00	19.20 -0.86 0.00	29.06 -1.12 0.00	31.15 -1.64 0.00	26.87 -1.71 0.00	23.95 -1.50 0.00	23.08 -1.29 0.00	22.61 -1.32 0.00	22.93 -1.49 0.00	23.60 -1.37 0.00	24.49 -1.65 0.00	27.48 -2.16 0.00	31.59 -2.56 0.00	41.07 -4.31 0.01	38.01 -3.58 0.00	32.21 -2.80 0.00	27.57 -2.73 0.00	24.16 -1.90 0.00	22.70 -1.42 0.00	20.19 -0.97 0.00
STEPHTWN_115KV_BK_2 55603	21.03 0.89 0.00	19.80 0.85 0.00	19.54 0.84 0.00	18.57 0.80 0.00	19.98 0.86 0.00	20.93 0.86 0.00	31.47 1.30 0.00	34.23 1.44 0.00	30.02 1.43 0.00	26.67 1.22 0.00	25.54 1.17 0.00	25.03 1.10 0.00	25.62 1.20 0.00	26.17 1.20 0.00	27.39 1.25 0.00	31.12 1.48 0.00	35.90 1.74 0.00	47.88 2.50 0.00	43.88 2.29 0.00	36.90 1.89 0.00	31.93 1.64 0.00	27.36 1.30 0.00	25.25 1.13 0.00	22.09 0.93 0.00
STEUBEN_REC_LFGE 323667	19.01 -1.13 0.00	17.71 -1.23 0.00	17.63 -1.07 0.00	16.74 -1.03 0.00	18.09 -1.03 0.00	19.10 -0.96 0.00	29.06 -1.12 0.00	31.60 -1.18 0.00	27.33 -1.26 0.00	24.40 -1.04 0.00	23.47 -0.90 0.00	23.02 -0.91 0.00	23.35 -1.07 0.00	24.07 -0.90 0.00	24.99 -1.15 0.00	28.25 -1.39 0.00	32.52 -1.64 0.00	42.48 -2.90 0.00	38.89 -2.70 0.00	32.63 -2.38 0.00	27.93 -2.36 0.00	24.29 -1.77 0.00	22.48 -1.64 0.00	19.74 -1.42 0.00
STILLWATER___SOLAR 323814	21.41 1.27 0.00	20.14 1.19 0.00	19.86 1.16 0.00	18.87 1.10 0.00	20.31 1.19 0.00	21.13 1.06 0.00	31.83 1.66 0.00	34.55 1.77 0.00	30.28 1.69 0.00	26.87 1.42 0.00	25.71 1.34 0.00	25.17 1.24 0.00	25.74 1.32 0.00	26.32 1.35 0.00	27.50 1.36 0.00	31.30 1.66 0.00	36.14 1.98 0.00	48.25 2.86 0.00	44.17 2.58 0.00	37.15 2.14 0.00	32.14 1.85 0.00	27.57 1.51 0.00	25.50 1.37 0.00	22.48 1.31 0.00
STONY___BROOK 24151	22.03 1.89 0.00	20.56 1.61 0.00	20.25 1.55 0.00	19.15 1.39 0.00	20.62 1.49 0.00	21.97 1.91 0.00	31.47 1.30 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.79 2.34 0.00	26.71 2.34 0.00	26.54 2.61 0.00	26.91 2.49 0.00	27.59 2.62 0.00	28.44 2.30 0.00	32.10 2.46 0.00	37.30 3.14 0.00	50.42 5.04 0.00	45.17 3.58 0.00	37.91 2.90 0.00	33.05 2.76 0.00	28.90 2.84 0.00	26.58 2.46 0.00	23.07 1.91 0.00
STURGEON_POOL_HYD 23609	20.95 0.81 0.00	19.72 0.78 0.00	19.47 0.77 0.00	18.50 0.73 0.00	19.91 0.78 0.00	20.91 0.84 0.00	31.38 1.21 0.00	34.26 1.48 0.00	30.13 1.54 0.00	26.87 1.43 0.00	25.76 1.39 0.00	25.29 1.36 0.00	25.89 1.47 0.00	26.39 1.42 0.00	27.66 1.52 0.00	31.30 1.66 0.00	36.14 1.98 0.00	47.97 2.59 0.00	43.92 2.33 0.00	36.97 1.96 0.00	32.08 1.79 0.00	27.52 1.46 0.00	25.42 1.30 0.00	22.14 0.97 0.00
ST_LAW_115_BK7_LBMP 345037	9.75 -0.36 10.03	18.60 -0.34 0.01	18.36 -0.34 0.01	17.44 -0.32 0.01	18.78 -0.34 0.00	19.72 -0.34 0.00	29.69 -0.48 0.00	32.33 -0.46 0.00	28.07 -0.51 0.01	24.96 -0.48 0.01	23.90 -0.46 0.01	23.47 -0.46 0.00	23.93 -0.49 0.00	24.47 -0.50 0.00	25.64 -0.50 0.00	29.08 -0.56 0.00	33.50 -0.65 0.01	44.27 -0.77 0.35	15.81 -0.71 25.07	10.45 -0.60 23.96	9.05 -0.52 20.73	7.75 -0.44 17.86	7.17 -0.43 16.52	6.21 -0.40 14.55

ST_LAW_115_BK8_LBMP 345038	9.75 -0.36 10.03	18.60 -0.34 0.01	18.36 -0.34 0.01	17.44 -0.32 0.01	18.78 -0.34 0.00	19.72 -0.34 0.00	29.69 -0.48 0.00	32.33 -0.46 0.00	28.07 -0.51 0.01	24.96 -0.48 0.01	23.90 -0.46 0.01	23.47 -0.46 0.00	23.93 -0.49 0.00	24.47 -0.50 0.00	25.64 -0.50 0.00	29.08 -0.56 0.00	33.50 -0.65 0.01	44.27 -0.77 0.35	15.81 -0.71 25.07	10.45 -0.60 23.96	9.05 -0.52 20.73	7.75 -0.44 17.86	7.17 -0.43 16.52	6.21 -0.40 14.55
ST_LAW_230_BK5_LBMP 345035	9.75 -0.36 10.03	18.60 -0.34 0.01	18.36 -0.34 0.01	17.44 -0.32 0.01	18.78 -0.34 0.00	19.72 -0.34 0.00	29.69 -0.48 0.00	32.33 -0.46 0.00	28.07 -0.51 0.01	24.96 -0.48 0.01	23.90 -0.46 0.01	23.47 -0.46 0.00	23.93 -0.49 0.00	24.47 -0.50 0.00	25.64 -0.50 0.00	29.08 -0.56 0.00	33.50 -0.65 0.01	44.27 -0.77 0.35	15.81 -0.71 25.07	10.45 -0.60 23.96	9.05 -0.52 20.73	7.75 -0.44 17.86	7.17 -0.43 16.52	6.21 -0.40 14.55
ST_LAW_230_BK6_LBMP 345036	9.75 -0.36 10.03	18.60 -0.34 0.01	18.36 -0.34 0.01	17.44 -0.32 0.01	18.78 -0.34 0.00	19.72 -0.34 0.00	29.69 -0.48 0.00	32.33 -0.46 0.00	28.07 -0.51 0.01	24.96 -0.48 0.01	23.90 -0.46 0.01	23.47 -0.46 0.00	23.93 -0.49 0.00	24.47 -0.50 0.00	25.64 -0.50 0.00	29.08 -0.56 0.00	33.50 -0.65 0.01	44.27 -0.77 0.35	15.81 -0.71 25.07	10.45 -0.60 23.96	9.05 -0.52 20.73	7.75 -0.44 17.86	7.17 -0.43 16.52	6.21 -0.40 14.55
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.09 0.95 0.00	19.82 0.87 0.00	19.54 0.84 0.00	18.57 0.80 0.00	20.02 0.90 0.00	21.03 0.96 0.00	31.59 1.42 0.00	34.46 1.67 0.00	30.30 1.72 0.00	27.03 1.58 0.00	25.90 1.54 0.00	25.44 1.51 0.00	26.01 1.59 0.00	26.54 1.57 0.00	27.76 1.62 0.00	31.42 1.78 0.00	36.31 2.15 0.00	48.20 2.81 0.00	44.17 2.58 0.00	37.22 2.21 0.00	32.26 1.97 0.00	27.67 1.62 0.00	25.57 1.45 0.00	22.26 1.10 0.00
SWANROAD_115KV_TB1 355699	18.47 -1.67 0.00	17.22 -1.72 0.00	17.05 -1.65 0.00	16.20 -1.56 0.00	17.52 -1.61 0.00	18.54 -1.52 0.00	27.94 -2.23 0.00	29.74 -3.05 0.00	25.73 -2.86 0.00	22.98 -2.47 0.00	22.10 -2.27 0.00	21.68 -2.25 0.00	21.96 -2.47 0.00	22.67 -2.30 0.00	23.42 -2.72 0.00	26.35 -3.29 0.00	30.16 -4.00 0.00	39.07 -6.31 0.01	36.31 -5.28 0.00	30.70 -4.31 0.00	26.45 -3.85 0.00	23.24 -2.81 0.00	21.85 -2.27 0.00	19.51 -1.65 0.00
SYNERGY___BIOGAS 323694	19.23 -0.91 0.00	18.06 -0.89 0.00	17.71 -0.99 0.00	16.83 -0.94 0.00	18.19 -0.94 0.00	19.30 -0.76 0.00	29.18 -0.99 0.00	31.41 -1.38 0.00	27.07 -1.52 0.00	24.10 -1.35 0.00	23.13 -1.24 0.00	22.68 -1.25 0.00	23.03 -1.39 0.00	23.70 -1.27 0.00	24.57 -1.57 0.00	27.72 -1.93 0.00	31.83 -2.32 0.00	41.48 -3.90 0.00	38.43 -3.16 0.00	32.52 -2.48 0.00	27.87 -2.42 0.00	24.39 -1.67 0.00	22.87 -1.26 0.00	20.32 -0.85 0.00
SYRACUSE___ENERGY_ST1 323597	19.98 -0.16 0.00	18.74 -0.21 0.00	18.49 -0.21 0.00	17.59 -0.18 0.00	18.93 -0.19 0.00	19.88 -0.18 0.00	29.93 -0.24 0.00	32.42 -0.36 0.00	28.19 -0.40 0.00	25.07 -0.38 0.00	24.03 -0.34 0.00	23.60 -0.34 0.00	24.06 -0.37 0.00	24.62 -0.35 0.00	25.75 -0.39 0.00	29.23 -0.41 0.00	33.68 -0.48 0.00	44.70 -0.68 0.00	40.97 -0.62 0.00	34.45 -0.56 0.00	29.75 -0.55 0.00	25.64 -0.42 0.00	23.78 -0.34 0.00	20.93 -0.23 0.00
SYRACUSE___ENERGY_ST2 323598	19.98 -0.16 0.00	18.74 -0.21 0.00	18.49 -0.21 0.00	17.59 -0.18 0.00	18.93 -0.19 0.00	19.88 -0.18 0.00	29.93 -0.24 0.00	32.42 -0.36 0.00	28.19 -0.40 0.00	25.07 -0.38 0.00	24.03 -0.34 0.00	23.60 -0.34 0.00	24.06 -0.37 0.00	24.62 -0.35 0.00	25.75 -0.39 0.00	29.23 -0.41 0.00	33.68 -0.48 0.00	44.70 -0.68 0.00	40.97 -0.62 0.00	34.45 -0.56 0.00	29.75 -0.55 0.00	25.64 -0.42 0.00	23.78 -0.34 0.00	20.93 -0.23 0.00
SYRACUSE___POWER 24017	19.94 -0.20 0.00	18.72 -0.23 0.00	18.48 -0.22 0.00	17.55 -0.21 0.00	18.91 -0.21 0.00	19.84 -0.22 0.00	29.90 -0.27 0.00	32.39 -0.39 0.00	28.16 -0.43 0.00	25.07 -0.38 0.00	24.00 -0.37 0.00	23.57 -0.36 0.00	24.03 -0.39 0.00	24.59 -0.37 0.00	25.72 -0.42 0.00	29.20 -0.44 0.00	33.64 -0.51 0.00	44.66 -0.73 0.00	40.92 -0.67 0.00	34.45 -0.56 0.00	29.72 -0.58 0.00	25.61 -0.44 0.00	23.76 -0.36 0.00	20.91 -0.25 0.00
TALLMAN___138KV_BK151 55660	21.21 1.07 0.00	19.93 0.99 0.00	19.67 0.97 0.00	18.67 0.91 0.00	20.14 1.01 0.00	21.15 1.08 0.00	31.77 1.60 0.00	34.69 1.90 0.00	30.53 1.94 0.00	27.25 1.81 0.00	26.12 1.75 0.00	25.68 1.86 0.00	26.28 1.86 0.00	26.82 1.85 0.00	28.02 1.88 0.00	31.69 2.05 0.00	36.61 2.46 0.00	48.61 3.22 0.00	44.54 2.95 0.00	37.53 2.52 0.00	32.54 2.24 0.00	27.93 1.88 0.00	25.79 1.66 0.00	22.43 1.27 0.00
TEALLAVE_115KV_TB7 355573	19.88 -0.26 0.00	18.66 -0.28 0.00	18.42 -0.28 0.00	17.50 -0.27 0.00	18.86 -0.27 0.00	19.80 -0.26 0.00	29.81 -0.36 0.00	32.26 -0.52 0.00	28.05 -0.54 0.00	24.96 -0.48 0.00	23.90 -0.46 0.00	23.48 -0.45 0.00	23.93 -0.49 0.00	24.49 -0.47 0.00	25.62 -0.52 0.00	29.11 -0.53 0.00	33.54 -0.61 0.00	44.48 -0.91 0.00	40.76 -0.83 0.00	34.27 -0.74 0.00	29.60 -0.70 0.00	25.51 -0.55 0.00	23.69 -0.43 0.00	20.85 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	18.93 -1.21 0.00	17.66 -1.29 0.00	17.47 -1.23 0.00	16.60 -1.17 0.00	17.94 -1.19 0.00	19.02 -1.04 0.00	28.72 -1.45 0.00	30.72 -2.07 0.00	26.56 -2.03 0.00	23.69 -1.76 0.00	22.76 -1.61 0.00	22.33 -1.60 0.00	22.64 -1.78 0.00	23.37 -1.60 0.00	24.15 -1.99 0.00	27.21 -2.43 0.00	31.18 -2.97 0.00	40.53 -4.86 0.00	37.60 -3.99 0.00	31.75 -3.26 0.00	27.32 -2.97 0.00	23.95 -2.11 0.00	22.50 -1.62 0.00	20.02 -1.14 0.00
TEMPLE___115KV_TB 2 55572	19.90 -0.24 0.00	18.66 -0.28 0.00	18.42 -0.28 0.00	17.52 -0.25 0.00	18.86 -0.27 0.00	19.80 -0.26 0.00	29.81 -0.36 0.00	32.26 -0.52 0.00	28.07 -0.51 0.00	24.96 -0.48 0.00	23.93 -0.44 0.00	23.50 -0.43 0.00	23.96 -0.46 0.00	24.52 -0.45 0.00	25.64 -0.50 0.00	29.11 -0.53 0.00	33.54 -0.61 0.00	44.48 -0.91 0.00	40.76 -0.83 0.00	34.31 -0.70 0.00	29.60 -0.70 0.00	25.51 -0.55 0.00	23.69 -0.43 0.00	20.85 -0.32 0.00
TIANA____69_KV_BK 1 55817	22.21 2.07 0.00	20.61 1.67 0.00	20.33 1.63 0.00	19.21 1.44 0.00	20.69 1.57 0.00	22.07 2.01 0.00	31.56 1.39 0.00	34.62 1.84 0.00	30.73 2.14 0.00	27.76 2.32 0.00	26.71 2.34 0.00	26.56 2.63 0.00	27.11 2.69 0.00	27.42 2.45 0.00	28.62 2.48 0.00	32.16 2.52 0.00	37.47 3.31 0.00	50.29 4.90 0.00	45.04 3.45 0.00	38.20 3.19 0.00	33.08 2.79 0.00	28.92 2.87 0.00	26.29 2.17 0.00	22.81 1.65 0.00
TILDEN___115KV_TB1 80814	19.94 -0.20 0.00	18.72 -0.23 0.00	18.48 -0.22 0.00	17.55 -0.21 0.00	18.91 -0.21 0.00	19.84 -0.22 0.00	29.90 -0.27 0.00	32.39 -0.39 0.00	28.16 -0.43 0.00	25.07 -0.38 0.00	24.00 -0.37 0.00	23.57 -0.36 0.00	24.03 -0.39 0.00	24.59 -0.37 0.00	25.72 -0.42 0.00	29.20 -0.44 0.00	33.64 -0.51 0.00	44.66 -0.73 0.00	40.92 -0.67 0.00	34.45 -0.56 0.00	29.72 -0.58 0.00	25.61 -0.44 0.00	23.76 -0.36 0.00	20.91 -0.25 0.00

TRIGEN___CC 323695	21.73 1.59 0.00	20.29 1.35 0.00	20.01 1.31 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.61 1.55 0.00	31.59 1.42 0.00	34.59 1.80 0.00	30.65 2.06 0.00	27.66 2.21 0.00	26.58 2.22 0.00	26.32 2.39 0.00	26.89 2.47 0.00	27.29 2.32 0.00	28.44 2.30 0.00	31.98 2.34 0.00	37.02 2.87 0.00	49.38 3.99 0.00	44.87 3.29 0.00	37.85 2.84 0.00	32.84 2.54 0.00	28.48 2.42 0.00	26.24 2.12 0.00	22.79 1.63 0.00
TRINITY___115KV___4 BK 55933	20.87 0.73 0.00	19.65 0.70 0.00	19.41 0.71 0.00	18.44 0.68 0.00	19.85 0.73 0.00	20.75 0.68 0.00	31.17 1.00 0.00	33.93 1.15 0.00	29.73 1.14 0.00	26.47 1.02 0.00	25.34 0.97 0.00	24.86 0.93 0.00	25.42 1.00 0.00	25.99 1.02 0.00	27.21 1.07 0.00	30.86 1.22 0.00	35.59 1.43 0.00	47.34 1.95 0.00	43.38 1.79 0.00	36.51 1.51 0.00	31.63 1.33 0.00	27.13 1.07 0.00	25.06 0.94 0.00	21.92 0.76 0.00
UNION___PROCESSING_DRP 323587	19.29 -0.85 0.00	18.06 -0.89 0.00	17.82 -0.88 0.00	16.93 -0.84 0.00	18.28 -0.84 0.00	19.30 -0.76 0.00	29.12 -1.06 0.00	31.34 -1.44 0.00	27.16 -1.43 0.00	24.20 -1.25 0.00	23.22 -1.15 0.00	22.81 -1.12 0.00	23.18 -1.25 0.00	23.85 -1.12 0.00	24.75 -1.39 0.00	28.01 -1.63 0.00	32.17 -1.98 0.00	42.16 -3.22 0.00	38.93 -2.66 0.00	32.80 -2.21 0.00	28.26 -2.03 0.00	24.60 -1.46 0.00	22.99 -1.13 0.00	20.34 -0.83 0.00
UPPER HUDSON___HYD 24058	21.67 1.53 0.00	20.40 1.46 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.01 0.94 0.00	31.71 1.54 0.00	34.39 1.61 0.00	30.13 1.54 0.00	26.75 1.30 0.00	25.59 1.22 0.00	25.01 1.08 0.00	25.52 1.10 0.00	26.12 1.15 0.00	27.24 1.10 0.00	31.01 1.36 0.00	35.79 1.64 0.00	47.97 2.59 0.00	43.92 2.33 0.00	36.90 1.89 0.00	31.87 1.57 0.00	27.31 1.25 0.00	25.30 1.18 0.00	22.67 1.50 0.00
UPPER RAQUET___HYD 24056	16.58 0.46 4.02	19.42 0.47 0.00	19.07 0.37 0.00	18.15 0.39 0.00	19.62 0.50 0.00	20.75 0.68 0.00	31.74 1.57 0.00	34.62 1.83 0.00	29.59 1.00 0.00	25.98 0.54 0.00	24.66 0.29 0.00	24.12 0.19 0.00	24.54 0.12 0.00	24.97 0.00 0.00	26.56 0.42 0.00	30.35 0.71 0.00	35.14 0.99 0.00	51.60 2.59 -3.63	33.86 2.33 10.06	39.58 1.96 -2.61	34.59 1.39 -2.91	30.16 1.04 -3.06	27.82 0.53 -3.17	24.73 0.32 -3.24
VALLEY44_115KV_TB2 355964	19.44 -0.70 0.00	18.17 -0.78 0.00	17.93 -0.77 0.00	17.07 -0.69 0.00	18.49 -0.63 0.00	19.64 -0.42 0.00	29.81 -0.36 0.00	32.10 -0.69 0.00	27.67 -0.91 0.00	24.63 -0.81 0.00	23.71 -0.66 0.00	23.60 -0.34 0.00	23.47 -0.95 0.00	24.22 -0.75 0.00	24.96 -1.18 0.00	28.01 -1.63 0.00	32.35 -1.81 0.00	42.39 -3.00 0.00	39.38 -2.20 0.00	33.26 -1.75 0.00	28.42 -1.88 0.00	24.88 -1.17 0.00	23.30 -0.82 0.00	20.53 -0.63 0.00
VALLEY___115KV_TB 1-4 80826	20.96 0.28 -0.54	19.25 0.30 0.00	18.98 0.28 0.00	18.05 0.28 0.00	19.43 0.31 0.00	20.41 0.34 0.00	30.75 0.57 0.00	33.37 0.59 0.00	29.13 0.54 0.00	25.93 0.48 0.00	24.85 0.49 0.00	24.39 0.45 0.00	24.89 0.46 0.00	25.39 0.42 0.00	26.64 0.50 0.00	30.21 0.56 0.00	34.67 0.51 0.00	46.07 0.68 0.00	43.44 0.50 -1.35	36.63 0.39 -1.23	31.63 0.27 -1.06	27.23 0.26 -0.91	25.16 0.19 -0.84	22.05 0.15 -0.74
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.07 0.93 0.00	19.86 0.91 0.00	19.56 0.86 0.00	18.60 0.84 0.00	20.02 0.90 0.00	21.07 1.00 0.00	31.80 1.63 0.00	34.55 1.77 0.00	30.13 1.54 0.00	26.82 1.37 0.00	25.63 1.27 0.00	25.10 1.17 0.00	25.62 1.20 0.00	26.12 1.15 0.00	27.53 1.39 0.00	31.30 1.66 0.00	36.07 1.91 0.00	48.11 2.72 0.00	43.96 2.37 0.00	37.01 2.00 0.00	31.93 1.64 0.00	27.49 1.43 0.00	25.30 1.18 0.00	22.11 0.95 0.00
VISCHER___FERRY HYD 24020	21.17 1.03 0.00	19.93 0.98 0.00	19.67 0.97 0.00	18.69 0.92 0.00	20.10 0.97 0.00	21.03 0.96 0.00	31.62 1.45 0.00	34.39 1.61 0.00	30.16 1.57 0.00	26.82 1.37 0.00	25.68 1.31 0.00	25.20 1.27 0.00	25.74 1.32 0.00	26.32 1.35 0.00	27.52 1.38 0.00	31.24 1.60 0.00	36.03 1.88 0.00	47.97 2.59 0.00	43.96 2.37 0.00	37.00 1.99 0.00	32.02 1.73 0.00	27.49 1.43 0.00	25.42 1.30 0.00	22.33 1.16 0.00
V_A_10_SYNC_DSASP 323832	18.87 -1.27 0.00	17.71 -1.23 0.00	17.41 -1.29 0.00	16.54 -1.23 0.00	17.86 -1.26 0.00	18.88 -1.18 0.00	28.42 -1.75 0.00	30.46 -2.33 0.00	26.36 -2.23 0.00	23.51 -1.94 0.00	22.59 -1.78 0.00	22.16 -1.77 0.00	22.52 -1.90 0.00	23.12 -1.85 0.00	24.02 -2.12 0.00	27.06 -2.58 0.00	31.01 -3.14 0.00	40.44 -4.95 0.00	37.43 -4.16 0.00	31.68 -3.33 0.00	27.24 -3.06 0.00	23.79 -2.27 0.00	22.31 -1.81 0.00	19.85 -1.31 0.00
V_CMM_10_SYNC_DSASP 323787	9.83 -0.28 10.03	18.67 -0.27 0.01	18.43 -0.26 0.01	17.51 -0.25 0.01	18.86 -0.27 0.00	19.80 -0.26 0.00	29.84 -0.33 0.00	32.49 -0.30 0.00	28.18 -0.40 0.01	25.08 -0.36 0.01	23.99 -0.36 0.01	23.57 -0.36 0.00	24.03 -0.39 0.00	24.54 -0.42 0.00	25.75 -0.39 0.00	29.20 -0.44 0.00	33.64 -0.51 0.01	44.50 -0.54 0.35	16.02 -0.50 25.07	10.59 -0.46 23.96	9.20 -0.36 20.73	7.86 -0.34 17.86	7.29 -0.31 16.52	6.32 -0.30 14.55
V_CMP_10_SYNC_DSASP 323788	10.08 -0.87 9.19	18.09 -0.85 0.01	17.91 -0.78 0.01	17.01 -0.75 0.01	18.40 -0.73 0.00	19.38 -0.68 0.00	28.99 -1.18 0.00	31.70 -1.08 0.00	27.32 -1.26 0.01	24.17 -1.27 0.01	23.02 -1.34 0.01	22.81 -1.12 0.00	23.18 -1.24 0.00	23.67 -1.30 0.00	24.91 -1.23 0.00	28.22 -1.42 0.00	32.51 -1.64 0.01	37.46 -2.04 5.89	16.99 -1.62 22.98	-6.37 -1.37 40.02	-6.49 -1.21 35.57	-6.53 -1.12 31.47	-6.61 -1.13 29.60	-6.64 -1.06 26.74
V_D_10_SYNC_DSASP 323841	9.93 -0.18 10.03	18.75 -0.19 0.01	18.50 -0.19 0.01	17.58 -0.18 0.01	18.93 -0.19 0.00	19.88 -0.18 0.00	29.99 -0.18 0.00	32.65 -0.13 0.00	28.30 -0.29 0.01	25.19 -0.25 0.01	24.09 -0.27 0.01	23.67 -0.26 0.00	24.10 -0.32 0.00	24.62 -0.35 0.00	25.83 -0.31 0.00	29.29 -0.35 0.00	33.77 -0.37 0.01	44.67 -0.36 0.35	16.18 -0.33 25.07	10.76 -0.28 23.96	9.32 -0.24 20.73	7.99 -0.21 17.86	7.38 -0.22 16.52	6.40 -0.21 14.55
V_E_10_SYNC_DSASP 323830	21.07 0.93 0.00	19.84 0.89 0.00	19.48 0.79 0.00	18.57 0.80 0.00	20.06 0.94 0.00	21.21 1.14 0.00	32.35 2.17 0.00	35.08 2.29 0.00	30.28 1.69 0.00	26.77 1.32 0.00	25.54 1.17 0.00	24.94 1.00 0.00	25.45 1.03 0.00	25.92 0.95 0.00	27.58 1.44 0.00	31.51 1.87 0.00	36.37 2.22 0.00	48.88 3.49 0.00	44.46 2.87 0.00	37.32 2.31 0.00	31.99 1.70 0.00	27.54 1.48 0.00	25.25 1.13 0.00	22.05 0.89 0.00
V_F_30_NSYNC___DSASP 323816	21.43 1.29 0.00	20.16 1.21 0.00	19.86 1.16 0.00	18.87 1.10 0.00	20.31 1.19 0.00	21.13 1.06 0.00	31.86 1.69 0.00	34.59 1.80 0.00	30.30 1.72 0.00	26.90 1.45 0.00	25.73 1.36 0.00	25.20 1.27 0.00	25.74 1.32 0.00	26.34 1.37 0.00	27.52 1.38 0.00	31.33 1.69 0.00	36.14 1.98 0.00	48.25 2.86 0.00	44.21 2.62 0.00	37.18 2.17 0.00	32.14 1.85 0.00	27.57 1.51 0.00	25.50 1.37 0.00	22.50 1.33 0.00



V_F_30_SYNC_DSASP 323786	20.91 0.77 0.00	19.68 0.74 0.00	19.45 0.75 0.00	18.48 0.71 0.00	19.89 0.76 0.00	20.79 0.72 0.00	31.26 1.09 0.00	34.00 1.21 0.00	29.82 1.23 0.00	26.52 1.07 0.00	25.39 1.02 0.00	24.91 0.98 0.00	25.47 1.05 0.00	26.04 1.07 0.00	27.26 1.12 0.00	30.95 1.30 0.00	35.66 1.50 0.00	47.47 2.09 0.00	43.50 1.91 0.00	36.58 1.58 0.00	31.69 1.39 0.00	27.20 1.15 0.00	25.11 0.99 0.00	21.97 0.80 0.00
V_XM_10_SYNC_DSASP 323789	10.08 -0.87 9.19	18.09 -0.85 0.01	17.91 -0.78 0.01	17.01 -0.75 0.01	18.40 -0.73 0.00	19.38 -0.68 0.00	28.99 -1.18 0.00	31.70 -1.08 0.00	27.32 -1.26 0.01	24.17 -1.27 0.01	23.02 -1.34 0.01	22.81 -1.12 0.00	23.18 -1.24 0.00	23.67 -1.30 0.00	24.91 -1.23 0.00	28.22 -1.42 0.00	32.51 -1.64 0.01	37.46 -2.04 5.89	16.99 -1.62 22.98	-6.37 -1.37 40.02	-6.49 -1.21 35.57	-6.53 -1.12 31.47	-6.61 -1.13 29.60	-6.64 -1.06 26.74
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.27 1.13 0.00	19.97 1.02 0.00	19.71 1.01 0.00	18.73 0.96 0.00	20.18 1.05 0.00	21.21 1.14 0.00	31.83 1.66 0.00	34.78 2.00 0.00	30.62 2.03 0.00	27.33 1.88 0.00	26.19 1.83 0.00	25.75 1.82 0.00	26.33 1.90 0.00	26.87 1.90 0.00	28.10 1.96 0.00	31.78 2.13 0.00	36.72 2.56 0.00	48.74 3.36 0.00	44.67 3.08 0.00	37.64 2.63 0.00	32.63 2.33 0.00	27.99 1.93 0.00	25.86 1.74 0.00	22.50 1.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.53 1.39 0.00	20.20 1.25 0.00	19.95 1.25 0.00	18.94 1.17 0.00	20.41 1.28 0.00	21.43 1.36 0.00	32.22 2.05 0.00	35.28 2.49 0.00	31.13 2.54 0.00	27.84 2.39 0.00	26.68 2.31 0.00	26.28 2.35 0.00	26.89 2.47 0.00	27.47 2.50 0.00	28.73 2.59 0.00	32.46 2.82 0.00	37.40 3.24 0.00	49.61 4.22 0.00	45.33 3.74 0.00	38.23 3.22 0.00	33.20 2.91 0.00	28.45 2.40 0.00	26.27 2.15 0.00	22.83 1.67 0.00
W50THST__13_KV_LOAD 356117	21.53 1.39 0.00	20.22 1.27 0.00	19.95 1.25 0.00	18.94 1.17 0.00	20.41 1.28 0.00	21.45 1.38 0.00	32.22 2.05 0.00	35.31 2.52 0.00	31.16 2.57 0.00	27.84 2.39 0.00	26.68 2.31 0.00	26.30 2.37 0.00	26.91 2.49 0.00	27.47 2.50 0.00	28.75 2.61 0.00	32.49 2.85 0.00	37.43 3.28 0.00	49.65 4.27 0.00	45.33 3.74 0.00	38.27 3.26 0.00	33.23 2.94 0.00	28.45 2.40 0.00	26.29 2.17 0.00	22.83 1.67 0.00
WADING RIVER_IC_1 23522	22.07 1.93 0.00	20.59 1.65 0.00	20.29 1.59 0.00	19.17 1.40 0.00	20.65 1.53 0.00	22.01 1.95 0.00	31.50 1.33 0.00	34.52 1.74 0.00	30.62 2.03 0.00	27.71 2.26 0.00	26.66 2.29 0.00	26.49 2.56 0.00	26.86 2.44 0.00	27.54 2.57 0.00	28.41 2.27 0.00	32.10 2.46 0.00	37.37 3.21 0.00	50.60 5.22 0.00	45.04 3.45 0.00	37.95 2.94 0.00	33.08 2.79 0.00	28.95 2.89 0.00	26.39 2.27 0.00	22.90 1.74 0.00
WADING RIVER_IC_2 23547	22.07 1.93 0.00	20.59 1.65 0.00	20.29 1.59 0.00	19.17 1.40 0.00	20.65 1.53 0.00	22.01 1.95 0.00	31.50 1.33 0.00	34.52 1.74 0.00	30.62 2.03 0.00	27.71 2.26 0.00	26.66 2.29 0.00	26.49 2.56 0.00	26.86 2.44 0.00	27.54 2.57 0.00	28.41 2.27 0.00	32.10 2.46 0.00	37.37 3.21 0.00	50.60 5.22 0.00	45.04 3.45 0.00	37.95 2.94 0.00	33.08 2.79 0.00	28.95 2.89 0.00	26.39 2.27 0.00	22.90 1.74 0.00
WADING RIVER_IC_3 23601	22.07 1.93 0.00	20.59 1.65 0.00	20.29 1.59 0.00	19.17 1.40 0.00	20.65 1.53 0.00	22.01 1.95 0.00	31.50 1.33 0.00	34.52 1.74 0.00	30.62 2.03 0.00	27.71 2.26 0.00	26.66 2.29 0.00	26.49 2.56 0.00	26.86 2.44 0.00	27.54 2.57 0.00	28.41 2.27 0.00	32.10 2.46 0.00	37.37 3.21 0.00	50.60 5.22 0.00	45.04 3.45 0.00	37.95 2.94 0.00	33.08 2.79 0.00	28.95 2.89 0.00	26.39 2.27 0.00	22.90 1.74 0.00
WALDENNY_12_KV_BK2 80841	19.07 -1.07 0.00	17.79 -1.16 0.00	17.61 -1.08 0.00	16.74 -1.03 0.00	18.09 -1.03 0.00	19.18 -0.88 0.00	29.00 -1.18 0.00	31.05 -1.74 0.00	26.85 -1.74 0.00	23.95 -1.50 0.00	23.05 -1.32 0.00	22.61 -1.32 0.00	22.88 -1.54 0.00	23.65 -1.32 0.00	24.44 -1.70 0.00	27.48 -2.16 0.00	31.53 -2.63 0.00	40.93 -4.45 0.01	37.97 -3.62 0.00	32.03 -2.98 0.00	27.54 -2.76 0.00	24.16 -1.90 0.00	22.67 -1.45 0.00	20.15 -1.02 0.00
WALDEN__HYDRO 24148	21.15 1.01 0.00	19.87 0.93 0.00	19.62 0.92 0.00	18.62 0.85 0.00	20.08 0.96 0.00	21.09 1.02 0.00	31.68 1.51 0.00	34.59 1.80 0.00	30.39 1.80 0.00	27.10 1.65 0.00	25.95 1.58 0.00	25.49 1.56 0.00	26.08 1.66 0.00	26.59 1.62 0.00	27.84 1.70 0.00	31.51 1.87 0.00	36.44 2.29 0.00	48.38 3.00 0.00	44.33 2.74 0.00	37.36 2.35 0.00	32.35 2.06 0.00	27.78 1.72 0.00	25.64 1.52 0.00	22.33 1.16 0.00
WARRENSBURG____ 23737	21.67 1.53 0.00	20.40 1.46 0.00	20.08 1.38 0.00	19.06 1.30 0.00	20.54 1.42 0.00	21.01 0.94 0.00	31.71 1.54 0.00	34.39 1.61 0.00	30.13 1.54 0.00	26.75 1.30 0.00	25.59 1.22 0.00	25.01 1.08 0.00	25.52 1.10 0.00	26.12 1.15 0.00	27.24 1.10 0.00	31.01 1.36 0.00	35.79 1.64 0.00	47.97 2.59 0.00	43.92 2.33 0.00	36.90 1.89 0.00	31.87 1.57 0.00	27.31 1.25 0.00	25.30 1.18 0.00	22.67 1.50 0.00
WATERSIDE____6 8 9 23538	21.51 1.37 0.00	20.18 1.23 0.00	19.93 1.23 0.00	18.90 1.14 0.00	20.37 1.24 0.00	21.37 1.30 0.00	32.10 1.93 0.00	35.08 2.29 0.00	30.99 2.40 0.00	27.74 2.29 0.00	26.58 2.22 0.00	26.18 2.25 0.00	26.82 2.39 0.00	27.39 2.42 0.00	28.66 2.51 -0.01	32.41 2.76 -0.01	37.20 3.04 0.00	49.24 3.86 0.00	45.00 3.41 0.00	37.99 2.98 0.00	33.17 2.88 0.00	28.40 2.35 0.00	26.24 2.12 0.00	22.79 1.63 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.92 0.24 -0.54	19.19 0.25 0.00	18.94 0.24 0.00	18.00 0.23 0.00	19.37 0.25 0.00	20.35 0.28 0.00	30.62 0.45 0.00	33.24 0.46 0.00	29.02 0.43 0.00	25.83 0.38 0.00	24.73 0.37 0.00	24.27 0.34 0.00	24.76 0.34 0.00	25.29 0.32 0.00	26.53 0.39 0.00	30.12 0.47 0.00	34.63 0.48 0.00	46.02 0.64 0.00	43.44 0.50 -1.35	36.66 0.42 -1.23	31.69 0.33 -1.06	27.28 0.31 -0.91	25.20 0.24 -0.84	22.11 0.21 -0.74
WATSON____69_KV_BK 1 55734	22.19 2.05 0.00	20.61 1.67 0.00	20.33 1.63 0.00	19.22 1.46 0.00	20.71 1.59 0.00	22.05 1.99 0.00	31.68 1.51 0.00	34.78 2.00 0.00	30.85 2.26 0.00	27.94 2.49 0.00	26.88 2.51 0.00	26.71 2.78 0.00	27.28 2.86 0.00	27.59 2.62 0.00	28.75 2.61 0.00	32.28 2.64 0.00	37.54 3.38 0.00	50.29 4.90 0.00	45.37 3.78 0.00	38.34 3.33 0.00	33.20 2.91 0.00	29.00 2.94 0.00	26.58 2.46 0.00	23.05 1.88 0.00
WDELAWARE__HYD 323627	21.23 1.09 0.00	19.97 1.02 0.00	19.69 0.99 0.00	18.69 0.92 0.00	20.18 1.05 0.00	21.21 1.14 0.00	31.89 1.72 0.00	34.75 1.97 0.00	30.53 1.95 0.00	27.15 1.71 0.00	25.98 1.61 0.00	25.44 1.51 0.00	26.03 1.61 0.00	26.57 1.60 0.00	27.86 1.72 0.00	31.60 1.96 0.00	36.58 2.43 0.00	48.74 3.36 0.00	44.59 3.00 0.00	37.50 2.49 0.00	32.48 2.18 0.00	27.85 1.80 0.00	25.71 1.59 0.00	22.48 1.31 0.00

WEST BABYLON___IC 23714	22.11 1.97 0.00	20.56 1.61 0.00	20.29 1.59 0.00	19.17 1.40 0.00	20.65 1.53 0.00	21.97 1.91 0.00	31.68 1.51 0.00	34.75 1.97 0.00	30.82 2.23 0.00	27.92 2.47 0.00	26.85 2.49 0.00	26.66 2.73 0.00	27.23 2.81 0.00	27.57 2.60 0.00	28.73 2.59 0.00	32.19 2.55 0.00	37.37 3.21 0.00	50.01 4.63 0.00	45.25 3.66 0.00	38.20 3.19 0.00	33.11 2.82 0.00	28.92 2.87 0.00	26.56 2.44 0.00	23.02 1.86 0.00
WEST CANADA___HYD 24049	20.80 0.12 -0.54	19.06 0.11 0.00	18.81 0.11 0.00	17.88 0.11 0.00	19.24 0.12 0.00	20.19 0.12 0.00	30.35 0.18 0.00	32.95 0.16 0.00	28.76 0.17 0.00	25.60 0.15 0.00	24.51 0.15 0.00	24.07 0.14 0.00	24.57 0.15 0.00	25.12 0.15 0.00	26.32 0.18 0.00	29.85 0.21 0.00	34.40 0.24 0.00	45.71 0.32 0.00	43.23 0.29 -1.35	36.49 0.25 -1.23	31.54 0.18 -1.06	27.13 0.16 -0.91	25.11 0.15 -0.84	22.03 0.13 -0.74
WESTERN_NY_WIND 24143	19.17 -0.97 0.00	17.90 -1.04 0.00	17.67 -1.03 0.00	16.81 -0.96 0.00	18.15 -0.98 0.00	19.26 -0.80 0.00	29.15 -1.03 0.00	31.28 -1.51 0.00	26.99 -1.60 0.00	24.05 -1.40 0.00	23.10 -1.27 0.00	22.64 -1.29 0.00	22.96 -1.47 0.00	23.72 -1.25 0.00	24.49 -1.65 0.00	27.66 -1.99 0.00	31.73 -2.43 0.00	41.30 -4.08 0.00	38.35 -3.24 0.00	32.35 -2.66 0.00	27.81 -2.48 0.00	24.36 -1.69 0.00	22.87 -1.25 0.00	20.29 -0.87 0.00
WESTOVER___LESR 323668	20.10 -0.04 0.00	18.85 -0.09 0.00	18.61 -0.09 0.00	17.68 -0.09 0.00	19.07 -0.06 0.00	20.09 0.02 0.00	30.32 0.15 0.00	32.85 0.07 0.00	28.53 -0.06 0.00	25.40 -0.05 0.00	24.34 -0.02 0.00	23.86 -0.07 0.00	24.30 -0.12 0.00	24.89 -0.07 0.00	25.98 -0.16 0.00	29.40 -0.24 0.00	33.92 -0.24 0.00	44.93 -0.45 0.00	41.30 -0.29 0.00	34.80 -0.21 0.00	29.99 -0.30 0.00	25.90 -0.16 0.00	24.07 -0.05 0.00	21.12 -0.04 0.00
WETHRSFD_WT_PWR 323626	18.87 -1.27 0.00	17.69 -1.25 0.00	17.43 -1.27 0.00	16.58 -1.19 0.00	17.90 -1.22 0.00	18.96 -1.10 0.00	28.66 -1.51 0.00	30.85 -1.93 0.00	26.64 -1.95 0.00	23.77 -1.68 0.00	22.86 -1.51 0.00	22.42 -1.51 0.00	22.74 -1.68 0.00	23.40 -1.57 0.00	24.34 -1.80 0.00	27.36 -2.28 0.00	31.49 -2.66 0.00	41.07 -4.31 0.00	37.93 -3.66 0.00	32.03 -2.98 0.00	27.44 -2.85 0.00	23.97 -2.09 0.00	22.41 -1.71 0.00	19.87 -1.29 0.00
WHAVSTOR_138KV_BK127 55557	21.21 1.07 0.00	19.91 0.97 0.00	19.67 0.97 0.00	18.67 0.91 0.00	20.12 0.99 0.00	21.15 1.08 0.00	31.74 1.57 0.00	34.65 1.87 0.00	30.50 1.92 0.00	27.25 1.81 0.00	26.12 1.75 0.00	25.68 1.75 0.00	26.28 1.86 0.00	26.82 1.85 0.00	28.02 1.88 0.00	31.69 2.05 0.00	36.58 2.43 0.00	48.56 3.18 0.00	44.50 2.91 0.00	37.50 2.49 0.00	32.54 2.24 0.00	27.91 1.85 0.00	25.79 1.66 0.00	22.43 1.27 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.21 1.07 0.00	19.91 0.97 0.00	19.67 0.97 0.00	18.67 0.91 0.00	20.12 0.99 0.00	21.15 1.08 0.00	31.74 1.57 0.00	34.65 1.87 0.00	30.50 1.92 0.00	27.25 1.81 0.00	26.12 1.75 0.00	25.68 1.75 0.00	26.28 1.86 0.00	26.82 1.85 0.00	28.02 1.88 0.00	31.69 2.05 0.00	36.58 2.43 0.00	48.56 3.18 0.00	44.50 2.91 0.00	37.50 2.49 0.00	32.54 2.24 0.00	27.91 1.85 0.00	25.79 1.66 0.00	22.43 1.27 0.00
WHITEHAL_115KV_TB1 80871	22.03 1.89 0.00	20.75 1.80 0.00	20.38 1.68 0.00	19.37 1.60 0.00	20.86 1.74 0.00	21.43 1.36 0.00	32.40 2.23 0.00	35.11 2.33 0.00	30.76 2.17 0.00	27.20 1.76 0.00	26.00 1.63 0.00	25.39 1.46 0.00	25.96 1.54 0.00	26.54 1.57 0.00	27.68 1.54 0.00	31.60 1.96 0.00	36.51 2.36 0.00	49.06 3.68 0.00	44.96 3.37 0.00	37.78 2.77 0.00	32.57 2.27 0.00	27.86 1.80 0.00	25.76 1.64 0.00	22.92 1.76 0.00
WHITEPLN_13_KV_LOAD 356215	21.43 1.29 0.00	20.12 1.17 0.00	19.88 1.18 0.00	18.89 1.12 0.00	20.35 1.22 0.00	21.35 1.28 0.00	32.07 1.90 0.00	35.05 2.26 0.00	30.93 2.34 0.00	27.64 2.19 0.00	26.49 2.12 0.00	26.04 2.11 0.00	26.64 2.22 0.00	27.22 2.25 0.00	28.47 2.33 0.00	32.22 2.58 0.00	37.20 3.04 0.00	49.42 4.04 0.00	45.17 3.58 0.00	38.06 3.05 0.00	33.02 2.73 0.00	28.32 2.27 0.00	26.12 2.00 0.00	22.73 1.57 0.00
WM_FLOYD_69_KV_BK2 356380	22.13 1.99 0.00	20.56 1.61 0.00	20.27 1.57 0.00	19.15 1.39 0.00	20.63 1.51 0.00	21.99 1.93 0.00	31.47 1.30 0.00	34.49 1.70 0.00	30.62 2.03 0.00	27.69 2.24 0.00	26.63 2.27 0.00	26.47 2.54 0.00	27.04 2.61 0.00	27.34 2.37 0.00	28.52 2.38 0.00	32.07 2.43 0.00	37.30 3.14 0.00	50.06 4.67 0.00	44.96 3.37 0.00	38.09 3.08 0.00	33.02 2.73 0.00	28.87 2.81 0.00	26.32 2.19 0.00	22.83 1.67 0.00
WOODARD___115KV_TB2 355635	19.86 -0.28 0.00	18.64 -0.30 0.00	18.40 -0.30 0.00	17.48 -0.28 0.00	18.84 -0.29 0.00	19.76 -0.30 0.00	29.75 -0.42 0.00	32.19 -0.59 0.00	28.02 -0.57 0.00	24.91 -0.53 0.00	23.88 -0.49 0.00	23.45 -0.48 0.00	23.91 -0.51 0.00	24.47 -0.50 0.00	25.59 -0.55 0.00	29.05 -0.59 0.00	33.47 -0.68 0.00	44.43 -0.95 0.00	40.72 -0.87 0.00	34.24 -0.77 0.00	29.57 -0.73 0.00	25.48 -0.57 0.00	23.64 -0.48 0.00	20.82 -0.34 0.00
YORK___WARBASSE 23770	21.59 1.45 0.00	20.23 1.29 0.00	19.97 1.27 0.00	18.96 1.19 0.00	20.42 1.30 0.00	21.41 1.34 0.00	32.19 2.02 0.00	35.11 2.33 0.00	31.08 2.49 0.00	27.79 2.34 0.00	26.63 2.27 0.00	26.25 2.32 0.00	26.89 2.47 0.00	27.49 2.52 0.00	28.79 2.64 -0.01	32.53 2.88 -0.01	37.26 3.11 0.00	49.38 3.99 0.00	45.08 3.49 0.00	38.06 3.05 0.00	33.35 3.06 0.00	28.51 2.45 0.00	26.36 2.24 0.00	22.86 1.69 0.00