

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/27/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	29.70	26.17	32.57	31.78	32.36	33.84	32.56	32.99	28.02	20.76	11.64	14.73	32.75	32.62	35.03	34.82	35.66	36.36	31.50	13.97	12.63	9.02	12.94	12.07
24138	1.67	1.44	1.85	1.78	1.79	1.99	2.07	2.20	1.87	1.36	0.78	1.00	2.21	2.21	2.36	2.32	2.46	2.57	2.11	0.93	0.84	0.61	0.87	0.79
	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	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.69	26.19	32.58	31.78	32.37	33.85	32.57	33.00	28.03	20.75	11.65	14.74	32.78	32.86	35.06	34.87	35.68	36.38	31.52	13.98	12.64	9.03	12.95	12.09
24260	1.66	1.45	1.86	1.78	1.80	2.00	2.08	2.20	1.88	1.35	0.79	1.02	2.24	2.26	2.40	2.37	2.48	2.60	2.13	0.93	0.85	0.61	0.89	0.80
	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	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.69	26.19	32.58	31.78	32.37	33.85	32.57	33.00	28.03	20.75	11.65	14.74	32.78	32.86	35.06	34.87	35.68	36.38	31.52	13.98	12.64	9.03	12.95	12.09
24261	1.66	1.45	1.86	1.78	1.80	2.00	2.08	2.20	1.88	1.35	0.79	1.02	2.24	2.26	2.40	2.37	2.48	2.60	2.13	0.93	0.85	0.61	0.89	0.80
	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	-0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.87	26.42	32.77	32.01	32.65	34.07	32.87	33.38	28.37	20.98	11.75	14.84	33.30	33.15	35.61	35.40	36.12	36.79	31.98	14.13	12.79	9.14	13.08	12.17
24011	1.85	1.68	2.05	2.01	2.09	2.23	2.39	2.58	2.22	1.58	0.89	1.11	2.77	2.74	2.95	2.90	2.92	3.01	2.59	1.09	1.00	0.72	1.02	0.89
	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	29.99	26.52	32.87	32.11	32.76	34.19	33.08	33.63	28.58	21.12	11.82	14.91	33.57	33.45	35.95	35.74	36.46	37.15	32.28	14.24	12.89	9.21	13.17	12.24
23798	1.96	1.78	2.15	2.11	2.20	2.35	2.60	2.84	2.43	1.72	0.96	1.19	3.02	3.04	3.28	3.24	3.26	3.36	2.90	1.19	1.09	0.79	1.11	0.96
	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	29.87	26.42	32.77	32.01	32.65	34.07	32.87	33.38	28.37	20.98	11.75	14.84	33.30											

ALBANY___2 23572	28.80 0.78 0.00	25.41 0.67 0.00	31.59 0.87 0.00	30.85 0.85 0.00	31.44 0.87 0.00	32.76 0.91 0.00	31.41 0.93 0.00	31.77 0.98 0.00	26.97 0.82 0.00	19.96 0.56 0.00	11.19 0.33 0.00	14.17 0.44 0.00	31.57 1.03 0.00	31.42 1.01 0.00	33.72 1.06 0.00	33.56 1.06 0.00	34.28 1.08 0.00	34.88 1.09 0.00	30.34 0.96 0.00	13.48 0.43 0.00	12.19 0.40 0.00	8.70 0.29 0.00	12.48 0.41 0.00	11.65 0.37 0.00
ALBANY___3 23573	28.80 0.78 0.00	25.41 0.67 0.00	31.59 0.87 0.00	30.85 0.85 0.00	31.44 0.87 0.00	32.76 0.91 0.00	31.41 0.93 0.00	31.77 0.98 0.00	26.97 0.82 0.00	19.96 0.56 0.00	11.19 0.33 0.00	14.17 0.44 0.00	31.57 1.03 0.00	31.42 1.01 0.00	33.72 1.06 0.00	33.56 1.06 0.00	34.28 1.08 0.00	34.88 1.09 0.00	30.34 0.96 0.00	13.48 0.43 0.00	12.19 0.40 0.00	8.70 0.29 0.00	12.48 0.41 0.00	11.65 0.37 0.00
ALBANY___4 23574	28.80 0.78 0.00	25.41 0.67 0.00	31.59 0.87 0.00	30.85 0.85 0.00	31.44 0.87 0.00	32.76 0.91 0.00	31.41 0.93 0.00	31.77 0.98 0.00	26.97 0.82 0.00	19.96 0.56 0.00	11.19 0.33 0.00	14.17 0.44 0.00	31.57 1.03 0.00	31.42 1.01 0.00	33.72 1.06 0.00	33.56 1.06 0.00	34.28 1.08 0.00	34.88 1.09 0.00	30.34 0.96 0.00	13.48 0.43 0.00	12.19 0.40 0.00	8.70 0.29 0.00	12.48 0.41 0.00	11.65 0.37 0.00
ALBANY___LFGE 323615	29.03 1.01 0.00	25.62 0.89 0.00	31.83 1.12 0.00	31.09 1.10 0.00	31.68 1.12 0.00	33.02 1.18 0.00	31.67 1.18 0.00	32.03 1.24 0.00	27.21 1.06 0.00	20.13 0.74 0.00	11.29 0.43 0.00	14.30 0.57 0.00	31.86 1.32 0.00	31.71 1.30 0.00	34.03 1.37 0.00	33.86 1.36 0.00	34.58 1.38 0.00	35.19 1.40 0.00	30.62 1.23 0.00	13.60 0.55 0.00	12.30 0.51 0.00	8.78 0.36 0.00	12.58 0.52 0.00	11.75 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	28.24 0.21 0.00	24.90 0.16 0.00	30.93 0.22 0.00	30.21 0.21 0.00	30.75 0.19 0.00	32.01 0.17 0.00	30.56 0.08 0.00	30.92 0.12 0.00	26.28 0.13 0.00	19.53 0.13 0.00	10.91 0.05 0.00	13.74 0.01 0.00	30.55 0.01 0.00	30.45 0.03 0.00	32.80 0.13 0.00	32.72 0.21 0.00	33.40 0.20 0.00	33.93 0.15 0.00	29.49 0.10 0.00	13.08 0.03 0.00	11.81 0.02 0.00	8.43 0.02 0.00	12.08 0.01 0.00	11.31 0.03 0.00
ALCOA_RYNLDS___DRP 24188	28.24 0.21 0.00	24.90 0.16 0.00	30.93 0.22 0.00	30.21 0.21 0.00	30.75 0.19 0.00	32.01 0.17 0.00	30.56 0.08 0.00	30.92 0.12 0.00	26.28 0.13 0.00	19.53 0.13 0.00	10.91 0.05 0.00	13.74 0.01 0.00	30.55 0.01 0.00	30.45 0.03 0.00	32.80 0.13 0.00	32.72 0.21 0.00	33.40 0.20 0.00	33.93 0.15 0.00	29.49 0.10 0.00	13.08 0.03 0.00	11.81 0.02 0.00	8.43 0.02 0.00	12.08 0.01 0.00	11.31 0.03 0.00
ALCOA___DSASP 323711	28.24 0.21 0.00	24.90 0.16 0.00	30.93 0.22 0.00	30.21 0.21 0.00	30.75 0.19 0.00	32.01 0.17 0.00	30.56 0.08 0.00	30.92 0.12 0.00	26.28 0.13 0.00	19.53 0.13 0.00	10.91 0.05 0.00	13.74 0.01 0.00	30.55 0.01 0.00	30.45 0.03 0.00	32.80 0.13 0.00	32.72 0.21 0.00	33.40 0.20 0.00	33.93 0.15 0.00	29.49 0.10 0.00	13.08 0.03 0.00	11.81 0.02 0.00	8.43 0.02 0.00	12.08 0.01 0.00	11.31 0.03 0.00
ALLEGHENY___COGEN 23514	27.85 -0.18 0.00	24.59 -0.15 0.00	30.29 -0.42 0.00	29.64 -0.36 0.00	30.35 -0.21 0.00	31.67 -0.17 0.00	30.15 -0.34 0.00	30.45 -0.34 0.00	25.91 -0.24 0.00	19.20 -0.20 0.00	10.67 -0.19 0.00	13.51 -0.22 0.00	30.09 -0.45 0.00	30.04 -0.37 0.00	32.28 -0.38 0.00	32.00 -0.51 0.00	32.77 -0.43 0.00	33.50 -0.28 0.00	29.17 -0.22 0.00	12.94 -0.11 0.00	11.69 -0.11 0.00	8.30 -0.12 0.00	11.89 -0.17 0.00	11.15 -0.13 0.00
ALTAMONT_115KV_TB 2 55880	28.78 0.75 0.00	25.40 0.66 0.00	31.58 0.86 0.00	30.83 0.83 0.00	31.41 0.84 0.00	32.72 0.88 0.00	31.38 0.89 0.00	31.73 0.94 0.00	26.95 0.80 0.00	19.95 0.55 0.00	11.18 0.32 0.00	14.14 0.42 0.00	31.49 0.95 0.00	31.34 0.92 0.00	33.66 0.99 0.00	33.50 1.00 0.00	34.23 1.03 0.00	34.83 1.04 0.00	30.30 0.91 0.00	13.46 0.41 0.00	12.17 0.37 0.00	8.69 0.27 0.00	12.45 0.39 0.00	11.64 0.36 0.00
ALTONA_WT_PWR 323606	27.79 -0.24 0.00	24.44 -0.30 0.00	30.50 -0.22 0.00	29.80 -0.20 0.00	30.25 -0.31 0.00	31.36 -0.48 0.00	29.99 -0.49 0.00	30.54 -0.25 0.00	25.97 -0.18 0.00	19.22 -0.17 0.00	10.72 -0.14 0.00	13.43 -0.30 0.00	29.90 -0.64 0.00	29.85 -0.56 0.00	32.29 -0.37 0.00	32.49 -0.01 0.00	33.16 -0.03 0.00	33.64 -0.15 0.00	29.25 -0.14 0.00	12.98 -0.08 0.00	11.71 -0.09 0.00	8.38 -0.03 0.00	11.97 -0.10 0.00	11.17 -0.11 0.00
AMERICAN_REF_FUEL 24010	26.27 -1.76 0.00	23.21 -1.53 0.00	28.44 -2.28 0.00	27.94 -2.05 0.00	28.63 -1.93 0.00	29.81 -2.04 0.00	28.03 -2.46 0.00	27.97 -2.82 0.00	23.58 -2.57 0.00	17.59 -1.80 0.00	9.87 -0.99 0.00	12.51 -1.21 0.00	27.85 -2.69 0.00	27.84 -2.58 0.00	29.89 -2.77 0.00	29.49 -3.01 0.00	30.07 -3.13 0.00	30.62 -3.16 0.00	26.56 -2.83 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.99 -1.08 0.00	10.40 -0.88 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.36 -2.67 0.00	22.42 -2.32 0.00	27.57 -3.15 0.00	27.07 -2.93 0.00	27.70 -2.86 0.00	28.84 -3.00 0.00	27.58 -2.90 0.00	27.76 -3.03 0.00	23.67 -2.48 0.00	17.64 -1.75 0.00	9.86 -1.00 0.00	12.60 -1.13 0.00	28.01 -2.53 0.00	28.02 -2.40 0.00	30.13 -2.54 0.00	29.78 -2.72 0.00	30.26 -2.94 0.00	30.74 -3.05 0.00	26.69 -2.70 0.00	11.79 -1.26 0.00	10.65 -1.15 0.00	7.55 -0.86 0.00	10.85 -1.22 0.00	10.22 -1.06 0.00
ARTHUR KILL_GT_1 23520	29.79 1.76 0.00	26.40 1.66 0.00	32.84 2.12 0.00	32.02 2.03 0.00	32.62 2.06 0.00	34.10 2.26 0.00	32.78 2.30 0.00	32.88 2.08 0.00	27.92 1.77 0.00	20.64 1.24 0.00	11.57 0.71 0.00	14.64 0.91 0.00	32.53 1.99 0.00	32.60 2.00 -0.18	34.77 2.11 0.00	34.61 2.11 0.00	35.60 2.40 0.00	36.32 2.53 0.00	31.52 2.13 0.00	14.02 0.97 0.00	12.67 0.88 0.00	9.05 0.63 0.00	12.98 0.91 0.00	12.10 0.82 0.00
ARTHUR_KILL_2 23512	29.72 1.69 0.00	26.33 1.59 0.00	32.75 2.04 0.00	31.95 1.95 0.00	32.54 1.98 0.00	34.01 2.17 0.00	32.69 2.21 0.00	32.79 2.00 0.00	27.85 1.70 0.00	20.59 1.19 0.00	11.55 0.69 0.00	14.61 0.88 0.00	32.46 1.92 0.00	32.52 1.93 -0.18	34.70 2.03 0.00	34.52 2.02 0.00	35.50 2.30 0.00	36.21 2.43 0.00	31.44 2.05 0.00	13.98 0.93 0.00	12.64 0.84 0.00	9.03 0.61 0.00	12.94 0.88 0.00	12.07 0.79 0.00
ARTHUR_KILL_3 23513	29.44 1.41 0.00	25.96 1.22 0.00	32.29 1.57 0.00	31.50 1.50 0.00	32.08 1.52 0.00	33.53 1.69 0.00	32.28 1.79 0.00	32.77 1.97 0.00	27.83 1.68 0.00	20.59 1.20 0.00	11.56 0.70 0.00	14.62 0.90 0.00	32.50 1.96 0.00	32.58 1.98 -0.18	34.76 2.10 0.00	34.57 2.07 0.00	35.37 2.18 0.00	36.08 2.29 0.00	31.26 1.87 0.00	13.86 0.81 0.00	12.53 0.74 0.00	8.95 0.54 0.00	12.84 0.78 0.00	11.99 0.71 0.00

[illegible]

ASTORIA_GT4_4 24105	29.48 1.45 0.00	25.97 1.24 0.00	32.38 1.66 0.00	31.56 1.56 0.00	32.12 1.56 0.00	33.60 1.75 0.00	32.32 1.83 0.00	32.73 1.94 0.00	27.80 1.65 0.00	20.56 1.16 0.00	11.56 0.70 0.00	14.60 0.88 0.00	32.51 1.97 0.00	32.72 2.12 -0.18	34.89 2.22 0.00	34.70 2.20 0.00	35.46 2.26 0.00	36.12 2.34 0.00	31.29 1.90 0.00	13.90 0.85 0.00	12.56 0.76 0.00	9.00 0.58 0.00	12.87 0.81 0.00	11.98 0.70 0.00
ASTORIA_GT_1 23523	29.53 1.50 0.00	26.01 1.28 0.00	32.42 1.70 0.00	31.61 1.61 0.00	32.18 1.61 0.00	33.65 1.81 0.00	32.37 1.89 0.00	32.78 1.99 0.00	27.85 1.69 0.00	20.59 1.20 0.00	11.58 0.72 0.00	14.63 0.91 0.00	32.56 2.03 0.00	32.78 2.18 -0.18	34.94 2.27 0.00	34.76 2.26 0.00	35.53 2.33 0.00	36.19 2.40 0.00	31.34 1.95 0.00	13.92 0.87 0.00	12.58 0.78 0.00	9.01 0.59 0.00	12.89 0.83 0.00	12.00 0.72 0.00
ASTORIA_GT_10 24110	29.59 1.56 0.00	26.09 1.36 0.00	32.48 1.76 0.00	31.68 1.68 0.00	32.26 1.69 0.00	33.72 1.88 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.11 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.24 2.46 0.00	31.42 2.03 0.00	13.95 0.90 0.00	12.61 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
ASTORIA_GT_11 24225	29.59 1.56 0.00	26.09 1.36 0.00	32.48 1.76 0.00	31.68 1.68 0.00	32.26 1.69 0.00	33.72 1.88 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.11 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.24 2.46 0.00	31.42 2.03 0.00	13.95 0.90 0.00	12.61 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
ASTORIA_GT_12 24226	29.59 1.56 0.00	26.09 1.36 0.00	32.48 1.76 0.00	31.68 1.68 0.00	32.26 1.69 0.00	33.72 1.88 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.11 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.24 2.46 0.00	31.42 2.03 0.00	13.95 0.90 0.00	12.61 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
ASTORIA_GT_13 24227	29.59 1.56 0.00	26.09 1.36 0.00	32.48 1.76 0.00	31.68 1.68 0.00	32.26 1.69 0.00	33.72 1.88 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.11 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.24 2.46 0.00	31.42 2.03 0.00	13.95 0.90 0.00	12.61 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
ASTORIA_GT_5 24106	29.53 1.50 0.00	26.01 1.28 0.00	32.42 1.70 0.00	31.61 1.61 0.00	32.18 1.61 0.00	33.65 1.81 0.00	32.37 1.89 0.00	32.78 1.99 0.00	27.85 1.69 0.00	20.59 1.20 0.00	11.58 0.72 0.00	14.63 0.91 0.00	32.56 2.03 0.00	32.78 2.18 -0.18	34.94 2.27 0.00	34.76 2.26 0.00	35.53 2.33 0.00	36.19 2.40 0.00	31.34 1.95 0.00	13.92 0.87 0.00	12.58 0.78 0.00	9.01 0.59 0.00	12.89 0.83 0.00	12.00 0.72 0.00
ASTORIA_GT_7 24107	29.53 1.50 0.00	26.01 1.28 0.00	32.42 1.70 0.00	31.61 1.61 0.00	32.18 1.61 0.00	33.65 1.81 0.00	32.37 1.89 0.00	32.78 1.99 0.00	27.85 1.69 0.00	20.59 1.20 0.00	11.58 0.72 0.00	14.63 0.91 0.00	32.56 2.03 0.00	32.78 2.18 -0.18	34.94 2.27 0.00	34.76 2.26 0.00	35.53 2.33 0.00	36.19 2.40 0.00	31.34 1.95 0.00	13.92 0.87 0.00	12.58 0.78 0.00	9.01 0.59 0.00	12.89 0.83 0.00	12.00 0.72 0.00
ASTORIA_GT_8 24108	29.53 1.50 0.00	26.01 1.28 0.00	32.42 1.70 0.00	31.61 1.61 0.00	32.18 1.61 0.00	33.65 1.81 0.00	32.37 1.89 0.00	32.78 1.99 0.00	27.85 1.69 0.00	20.59 1.20 0.00	11.58 0.72 0.00	14.63 0.91 0.00	32.56 2.03 0.00	32.78 2.18 -0.18	34.94 2.27 0.00	34.76 2.26 0.00	35.53 2.33 0.00	36.19 2.40 0.00	31.34 1.95 0.00	13.92 0.87 0.00	12.58 0.78 0.00	9.01 0.59 0.00	12.89 0.83 0.00	12.00 0.72 0.00
ASTORIA___2 24149	29.48 1.45 0.00	25.97 1.24 0.00	32.37 1.66 0.00	31.56 1.56 0.00	32.13 1.56 0.00	33.60 1.75 0.00	32.32 1.83 0.00	32.73 1.94 0.00	27.80 1.65 0.00	20.56 1.16 0.00	11.56 0.70 0.00	14.60 0.88 0.00	32.51 1.97 0.00	32.71 2.12 -0.18	34.89 2.22 0.00	34.70 2.20 0.00	35.46 2.26 0.00	36.12 2.34 0.00	31.29 1.90 0.00	13.89 0.85 0.00	12.56 0.76 0.00	9.00 0.58 0.00	12.87 0.81 0.00	11.98 0.70 0.00
ASTORIA___3 23516	29.59 1.56 0.00	26.09 1.36 0.00	32.47 1.76 0.00	31.68 1.67 0.00	32.26 1.69 0.00	33.72 1.88 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.11 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.24 2.46 0.00	31.42 2.03 0.00	13.95 0.90 0.00	12.60 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
ASTORIA___4 23517	29.59 1.56 0.00	26.09 1.36 0.00	32.48 1.76 0.00	31.68 1.68 0.00	32.26 1.69 0.00	33.72 1.88 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.11 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.24 2.46 0.00	31.42 2.03 0.00	13.95 0.90 0.00	12.61 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
ASTORIA___5 23518	29.59 1.56 0.00	26.09 1.36 0.00	32.47 1.76 0.00	31.68 1.67 0.00	32.26 1.69 0.00	33.72 1.88 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.11 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.73 2.24 0.00	35.57 2.37 0.00	36.24 2.46 0.00	31.42 2.03 0.00	13.95 0.90 0.00	12.60 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
AST_ENERGY_2_CC3 323677	29.15 1.12 0.00	25.69 0.95 0.00	32.16 1.45 0.00	31.36 1.36 0.00	31.93 1.36 0.00	33.38 1.54 0.00	32.12 1.64 0.00	32.53 1.73 0.00	27.62 1.47 0.00	20.43 1.03 0.00	11.46 0.60 0.00	14.44 0.72 0.00	32.16 1.62 0.00	32.51 1.91 -0.18	34.66 1.99 0.00	34.41 1.91 0.00	35.08 1.88 0.00	35.73 1.95 0.00	30.95 1.57 0.00	13.74 0.69 0.00	12.42 0.63 0.00	8.93 0.51 0.00	12.79 0.73 0.00	11.90 0.62 0.00
AST_ENERGY_2_CC4 323678	29.15 1.12 0.00	25.69 0.95 0.00	32.16 1.45 0.00	31.36 1.36 0.00	31.93 1.36 0.00	33.38 1.54 0.00	32.12 1.64 0.00	32.53 1.73 0.00	27.62 1.47 0.00	20.43 1.03 0.00	11.46 0.60 0.00	14.44 0.72 0.00	32.16 1.62 0.00	32.51 1.91 -0.18	34.66 1.99 0.00	34.41 1.91 0.00	35.08 1.88 0.00	35.73 1.95 0.00	30.95 1.57 0.00	13.74 0.69 0.00	12.42 0.63 0.00	8.93 0.51 0.00	12.79 0.73 0.00	11.90 0.62 0.00

ATHENS_STG_1 23668	28.87 0.84 0.00	25.50 0.77 0.00	31.72 1.00 0.00	30.96 0.96 0.00	31.53 0.96 0.00	32.86 1.02 0.00	31.54 1.06 0.00	31.92 1.12 0.00	27.11 0.96 0.00	20.07 0.67 0.00	11.26 0.40 0.00	14.24 0.52 0.00	31.70 1.16 0.00	31.55 1.14 0.00	33.83 1.17 0.00	33.64 1.14 0.00	34.41 1.21 0.00	35.00 1.22 0.00	30.43 1.05 0.00	13.51 0.46 0.00	12.22 0.42 0.00	8.72 0.30 0.00	12.50 0.44 0.00	11.70 0.42 0.00
ATHENS_STG_2 23670	28.87 0.84 0.00	25.50 0.77 0.00	31.72 1.00 0.00	30.96 0.96 0.00	31.53 0.96 0.00	32.86 1.02 0.00	31.54 1.06 0.00	31.92 1.12 0.00	27.11 0.96 0.00	20.07 0.67 0.00	11.26 0.40 0.00	14.24 0.52 0.00	31.70 1.16 0.00	31.55 1.14 0.00	33.83 1.17 0.00	33.64 1.14 0.00	34.41 1.21 0.00	35.00 1.22 0.00	30.43 1.05 0.00	13.51 0.46 0.00	12.22 0.42 0.00	8.72 0.30 0.00	12.50 0.44 0.00	11.70 0.42 0.00
ATHENS_STG_3 23677	28.87 0.84 0.00	25.50 0.77 0.00	31.72 1.00 0.00	30.96 0.96 0.00	31.53 0.96 0.00	32.86 1.02 0.00	31.54 1.06 0.00	31.92 1.12 0.00	27.11 0.96 0.00	20.07 0.67 0.00	11.26 0.40 0.00	14.24 0.52 0.00	31.70 1.16 0.00	31.55 1.14 0.00	33.83 1.17 0.00	33.64 1.14 0.00	34.41 1.21 0.00	35.00 1.22 0.00	30.43 1.05 0.00	13.51 0.46 0.00	12.22 0.42 0.00	8.72 0.30 0.00	12.50 0.44 0.00	11.70 0.42 0.00
AUBURN___LFGE 323710	27.94 -0.09 0.00	24.68 -0.05 0.00	30.58 -0.14 0.00	29.88 -0.12 0.00	30.42 -0.15 0.00	31.77 -0.08 0.00	30.43 -0.06 0.00	30.67 -0.12 0.00	25.96 -0.19 0.00	19.34 -0.06 0.00	10.81 -0.05 0.00	13.68 -0.04 0.00	30.37 -0.16 0.00	30.30 -0.11 0.00	32.37 -0.29 0.00	32.23 -0.28 0.00	33.00 -0.20 0.00	33.61 -0.17 0.00	29.14 -0.24 0.00	12.98 -0.07 0.00	11.73 -0.06 0.00	8.33 -0.09 0.00	11.93 -0.13 0.00	11.16 -0.12 0.00
BABYLON_RES_REC 323704	29.75 1.73 0.00	26.15 1.42 0.00	32.56 1.84 0.00	31.72 1.72 0.00	32.31 1.74 0.00	33.88 2.03 0.00	32.59 2.10 0.00	32.91 2.11 0.00	27.92 1.77 0.00	20.64 1.24 0.00	11.62 0.76 0.00	14.71 0.99 0.00	32.51 1.97 0.00	32.43 2.02 0.00	34.88 2.21 0.00	35.70 2.31 -0.89	36.25 2.41 -0.64	36.45 2.66 0.00	31.99 2.03 -0.58	14.05 0.93 -0.08	12.87 0.89 -0.19	10.02 0.68 -0.92	13.08 0.99 -0.02	12.18 0.90 0.00
BALL_HILL_WT_PWR 323825	26.28 -1.75 0.00	23.22 -1.51 0.00	28.54 -2.17 0.00	28.01 -1.99 0.00	28.67 -1.89 0.00	29.84 -2.01 0.00	28.33 -2.15 0.00	28.46 -2.33 0.00	24.14 -2.01 0.00	17.97 -1.42 0.00	10.06 -0.80 0.00	12.81 -0.91 0.00	28.53 -2.01 0.00	28.50 -1.92 0.00	30.59 -2.08 0.00	30.17 -2.33 0.00	30.76 -2.44 0.00	31.30 -2.48 0.00	27.16 -2.22 0.00	12.02 -1.02 0.00	10.86 -0.93 0.00	7.73 -0.69 0.00	11.11 -0.96 0.00	10.47 -0.81 0.00
BARON_WINDS___WT_PWR 323822	26.05 -1.98 0.00	23.04 -1.70 0.00	28.44 -2.28 0.00	27.79 -2.21 0.00	28.45 -2.12 0.00	29.58 -2.26 0.00	28.25 -2.23 0.00	28.50 -2.29 0.00	24.31 -1.84 0.00	17.99 -1.40 0.01	10.03 -0.84 0.00	12.74 -0.99 0.00	28.44 -2.10 0.00	28.45 -1.97 0.00	30.63 -2.04 0.00	30.13 -2.37 0.00	30.81 -2.39 0.00	31.42 -2.37 0.00	27.30 -2.09 0.00	12.05 -1.00 0.00	10.89 -0.90 0.00	7.75 -0.66 0.00	11.11 -0.96 0.00	10.43 -0.85 0.00
BARRETT_IC_1 23704	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_10 23701	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_11 23702	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_12 23703	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_2 23705	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_3 23706	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_4 23707	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_5 23708	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00

BARRETT_IC_6 23709	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_7 23710	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.09 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.94 0.00	34.64 1.98 0.00	34.51 2.00 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_8 23711	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT_IC_9 23700	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT___1 23545	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BARRETT___2 23546	29.52 1.49 0.00	25.98 1.25 0.00	32.32 1.61 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.62 1.77 0.00	32.30 1.82 0.00	32.58 1.78 0.00	27.67 1.52 0.00	20.48 1.08 0.00	11.54 0.68 0.00	14.63 0.90 0.00	32.43 1.89 0.00	32.35 1.93 0.00	34.64 1.98 0.00	34.51 2.01 0.00	35.32 2.12 0.00	36.12 2.33 0.00	31.11 1.73 0.00	13.86 0.81 0.00	12.57 0.78 0.00	9.82 0.58 -0.82	12.93 0.84 -0.03	12.05 0.76 0.00
BATAVIA___115KV_TB1 55881	27.45 -0.58 0.00	24.21 -0.52 0.00	29.75 -0.97 0.00	29.19 -0.81 0.00	29.90 -0.67 0.00	31.16 -0.68 0.00	29.45 -1.03 0.00	29.55 -1.25 0.00	24.99 -1.16 0.00	18.58 -0.82 0.00	10.37 -0.50 0.00	13.17 -0.55 0.00	29.34 -1.21 0.00	29.25 -1.17 0.00	31.47 -1.20 0.00	31.17 -1.33 0.00	31.85 -1.36 0.00	32.45 -1.34 0.00	28.16 -1.23 0.00	12.51 -0.53 0.00	11.30 -0.49 0.00	8.04 -0.38 0.00	11.58 -0.49 0.00	10.91 -0.38 0.00
BAYONEEC___CTG1 323682	29.52 1.50 0.00	26.05 1.31 0.00	32.41 1.69 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.82 2.02 0.00	27.88 1.73 															

BAYONEEC___CTG8 323689	29.52 1.50 0.00	26.05 1.31 0.00	32.41 1.69 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.82 2.02 0.00	27.88 1.73 0.00	20.63 1.23 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.57 2.03 0.00	32.64 2.04 -0.18	34.83 2.17 0.00	34.65 2.14 0.00	35.46 2.25 0.00	36.15 2.37 0.00	31.33 1.94 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.98 0.56 0.00	12.88 0.81 0.00	12.02 0.74 0.00
BAYONEEC___CTG9 323749	29.52 1.50 0.00	26.05 1.31 0.00	32.41 1.69 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.82 2.02 0.00	27.88 1.73 0.00	20.63 1.23 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.57 2.03 0.00	32.64 2.04 -0.18	34.83 2.17 0.00	34.65 2.14 0.00	35.46 2.25 0.00	36.15 2.37 0.00	31.33 1.94 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.98 0.56 0.00	12.88 0.81 0.00	12.02 0.74 0.00
BEACON___LESR 323632	29.15 1.12 0.00	25.70 0.96 0.00	31.97 1.25 0.00	31.20 1.20 0.00	31.79 1.23 0.00	33.17 1.33 0.00	31.87 1.39 0.00	32.27 1.48 0.00	27.40 1.25 0.00	20.26 0.87 0.00	11.35 0.49 0.00	14.39 0.66 0.00	32.06 1.52 0.00	31.92 1.51 0.00	34.23 1.56 0.00	34.05 1.55 0.00	34.80 1.60 0.00	35.41 1.63 0.00	30.78 1.39 0.00	13.66 0.61 0.00	12.36 0.56 0.00	8.82 0.40 0.00	12.65 0.58 0.00	11.81 0.53 0.00
BEAVER RIVER___HYD 24048	27.15 -0.88 0.00	23.89 -0.84 0.00	29.74 -0.97 0.00	28.75 -1.24 0.00	29.28 -1.28 0.00	30.51 -1.33 0.00	29.12 -1.36 0.00	29.45 -1.34 0.00	25.07 -1.08 0.00	18.67 -0.73 0.00	10.46 -0.40 0.00	13.22 -0.50 0.00	29.41 -1.13 0.00	29.22 -1.20 0.00	31.39 -1.27 0.00	31.37 -1.13 0.00	32.38 -0.82 0.00	32.90 -0.88 0.00	28.40 -0.99 0.00	12.49 -0.56 0.00	11.29 -0.51 0.00	8.06 -0.36 0.00	11.53 -0.53 0.00	10.77 -0.51 0.00
BEEBEE_GT_13 23619	27.42 -0.61 0.00	24.20 -0.53 0.00	29.83 -0.89 0.00	29.21 -0.79 0.00	29.88 -0.69 0.00	31.15 -0.70 0.00	29.57 -0.92 0.00	29.76 -1.03 0.00	25.21 -0.94 0.00	18.76 -0.64 0.00	10.51 -0.35 0.00	13.32 -0.40 0.00	29.63 -0.91 0.00	29.55 -0.86 0.00	31.74 -0.92 0.00	31.44 -1.06 0.00	32.10 -1.10 0.00	32.68 -1.11 0.00	28.39 -0.99 0.00	12.62 -0.43 0.00	11.40 -0.40 0.00	8.11 -0.30 0.00	11.65 -0.41 0.00	10.93 -0.35 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.73 1.70 0.00	26.23 1.50 0.00	32.63 1.91 0.00	31.82 1.82 0.00	32.40 1.84 0.00	33.88 2.04 0.00	32.60 2.11 0.00	33.05 2.26 0.00	28.08 1.93 0.00	20.78 1.39 0.00	11.67 0.80 0.00	14.76 1.04 0.00	32.82 2.28 0.00	32.90 2.30 -0.18	35.09 2.43 0.00	34.91 2.41 0.00	35.83 2.63 0.00	36.54 2.76 0.00	31.66 2.27 0.00	14.05 1.00 0.00	12.69 0.90 0.00	9.06 0.64 0.00	12.98 0.92 0.00	12.11 0.83 0.00
BETHLEHEM___GRP 23843	28.80 0.78 0.00	25.41 0.67 0.00	31.59 0.87 0.00	30.85 0.85 0.00	31.44 0.87 0.00	32.76 0.91 0.00	31.41 0.93 0.00	31.77 0.98 0.00	26.97 0.82 0.00	19.96 0.56 0.00	11.19 0.33 0.00	14.17 0.44 0.00	31.57 1.03 0.00	31.42 1.01 0.00	33.72 1.06 0.00	33.56 1.06 0.00	34.28 1.08 0.00	34.88 1.09 0.00	30.34 0.96 0.00	13.48 0.43 0.00	12.19 0.40 0.00	8.70 0.29 0.00	12.48 0.41 0.00	11.65 0.37 0.00
BETHLEHEM___GS1 323560	28.80 0.78 0.00	25.41 0.67 0.00	31.59 0.87 0.00	30.85 0.85 0.00	31.44 0.87 0.00	32.76 0.91 0.00	31.41 0.92 0.00	31.77 0.97 0.00	26.97 0.82 0.00	19.96 0.56 0.00	11.19 0.33 0.00	14.17 0.44 0.00	31.57 1.03 0.00	31.42 1.01 0.00	33.72 1.05 0.00	33.56 1.06 0.00	34.28 1.08 0.00	34.88 1.09 0.00	30.34 0.96 0.00	13.48 0.43 0.00	12.19 0.40 0.00	8.70 0.28 0.00	12.48 0.41 0.00	11.65 0.37 0.00
BETHLEHEM___GS2 323561	28.80 0.78 0.00	25.41 0.67 0.00	31.59 0.87 0.00	30.85 0.85 0.00	31.44 0.87 0.00	32.76 0.91 0.00	31.41 0.92 0.00	31.77 0.97 0.00	26.97 0.82 0.00	19.96 0.56 0.00	11.19 0.33 0.00	14.17 0.44 0.00	31.57 1.03 0.00	31.42 1.01 0.00	33.72 1.05 0.00	33.56 1.06 0.00	34.28 1.08 0.00	34.88 1.09 0.00	30.34 0.96 0.00	13.48 0.43 0.00	12.19 0.40 0.00	8.70 0.28 0.00	12.48 0.41 0.00	11.65 0.37 0.00
BETHLEHEM___GS3 323562	28.80 0.78 0.00	25.41 0.67 0.00	31.59 0.87 0.00	30.85 0.85 0.00	31.44 0.87 0.00	32.76 0.91 0.00	31.41 0.92 0.00	31.77 0.97 0.00	26.97 0.82 0.00	19.96 0.56 0.00	11.19 0.33 0.00	14.17 0.44 0.00	31.57 1.03 0.00	31.42 1.01 0.00	33.72 1.05 0.00	33.56 1.06 0.00	34.28 1.08 0.00	34.88 1.09 0.00	30.34 0.96 0.00	13.48 0.43 0.00	12.19 0.40 0.00	8.70 0.28 0.00	12.48 0.41 0.00	11.65 0.37 0.00
BETHLEHEM___STEEL 23779	26.67 -1.36 0.00	23.57 -1.17 0.00	28.93 -1.78 0.00	28.38 -1.62 0.00	29.08 -1.49 0.00	30.28 -1.57 0.00	28.61 -1.88 0.00	28.71 -2.08 0.00	24.30 -1.85 0.00	18.10 -1.29 0.00	10.14 -0.72 0.00	12.89 -0.83 0.00	28.69 -1.85 0.00	28.69 -1.73 0.00	30.80 -1.87 0.00	30.37 -2.13 0.00	31.00 -2.20 0.00	31.57 -2.21 0.00	27.39 -1.99 0.00	12.15 -0.90 0.00	10.97 -0.82 0.00	7.81 -0.61 0.00	11.24 -0.83 0.00	10.60 -0.68 0.00
BETHLHEM_115KV_TB1 79974	28.80 0.78 0.00	25.41 0.68 0.00	31.59 0.87 0.00	30.85 0.85 0.00	31.44 0.87 0.00	32.76 0.91 0.00	31.41 0.92 0.00	31.77 0.97 0.00	26.97 0.82 0.00	19.96 0.56 0.00	11.19 0.33 0.00	14.17 0.44 0.00	31.56 1.01 0.00	31.41 1.00 0.00	33.71 1.04 0.00	33.55 1.05 0.00	34.27 1.07 0.00	34.88 1.09 0.00	30.34 0.96 0.00	13.48 0.43 0.00	12.19 0.39 0.00	8.70 0.28 0.00	12.47 0.41 0.00	11.65 0.37 0.00
BETHPAGE_CC_5 323564	29.72 1.69 0.00	26.14 1.40 0.00	32.52 1.81 0.00	31.70 1.70 0.00	32.28 1.72 0.00	33.84 1.99 0.00	32.55 2.06 0.00	32.87 2.08 0.00	27.91 1.76 0.00	20.64 1.24 0.00	11.62 0.76 0.00	14.72 0.99 0.00	32.56 2.02 0.00	32.47 2.05 0.00	34.82 2.15 0.00	34.69 2.19 0.00	35.49 2.29 0.00	36.32 2.54 0.00	31.31 1.93 0.00	13.93 0.88 0.00	12.64 0.85 0.00	9.99 0.66 -0.91	13.05 0.95 -0.03	12.12 0.84 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.72 -1.31 0.00	23.61 -1.12 0.00	29.00 -1.72 0.00	28.44 -1.56 0.00	29.13 -1.43 0.00	30.33 -1.52 0.00	28.67 -1.81 0.00	28.80 -2.00 0.00	24.38 -1.77 0.00	18.16 -1.24 0.00	10.18 -0.68 0.00	12.94 -0.78 0.00	28.80 -1.73 0.00	28.81 -1.61 0.00	30.93 -1.74 0.00	30.49 -2.02 0.00	31.13 -2.08 0.00	31.69 -2.10 0.00	27.49 -1.90 0.00	12.19 -0.86 0.00	11.02 -0.78 0.00	7.85 -0.58 0.00	11.28 -0.79 0.00	10.63 -0.65 0.00
BINGHAMTON___COGEN 23790	27.71 -0.32 0.00	24.48 -0.25 0.00	30.39 -0.32 0.00	29.70 -0.30 0.00	30.30 -0.26 0.00	31.53 -0.32 0.00	30.21 -0.27 0.00	30.47 -0.32 0.00	25.92 -0.23 0.00	19.21 -0.18 0.00	10.75 -0.12 0.00	13.62 -0.10 0.00	30.34 -0.20 0.00	30.21 -0.21 0.00	32.42 -0.25 0.00	32.11 -0.39 0.00	32.86 -0.34 0.00	33.44 -0.34 0.00	29.08 -0.31 0.00	12.89 -0.16 0.00	11.65 -0.15 0.00	8.31 -0.11 0.00	11.90 -0.17 0.00	11.14 -0.14 0.00

BIXINCNT_115KV_LOAD 355685	25.81 -2.22 0.00	22.85 -1.88 0.00	28.11 -2.60 0.00	27.60 -2.40 0.00	28.22 -2.34 0.00	29.32 -2.52 0.00	27.84 -2.65 0.00	28.15 -2.64 0.00	24.04 -2.11 0.00	17.87 -1.53 0.00	10.09 -0.78 0.00	12.90 -0.82 0.00	28.86 -1.69 0.00	28.99 -1.43 0.00	31.00 -1.66 0.00	30.53 -1.97 0.00	31.13 -2.08 0.00	31.52 -2.27 0.00	27.25 -2.14 0.00	12.07 -0.98 0.00	11.00 -0.80 0.00	7.84 -0.57 0.00	11.20 -0.86 0.00	10.48 -0.80 0.00
BLACK RIVER___HYD 24047	27.08 -0.95 0.00	23.76 -0.97 0.00	29.60 -1.12 0.00	28.63 -1.37 0.00	29.17 -1.40 0.00	30.39 -1.45 0.00	29.09 -1.39 0.00	29.43 -1.37 0.00	25.02 -1.13 0.00	18.63 -0.77 0.00	10.45 -0.41 0.00	13.25 -0.47 0.00	29.44 -1.10 0.00	29.19 -1.22 0.00	31.39 -1.28 0.00	31.31 -1.19 0.00	32.35 -0.85 0.00	32.94 -0.85 0.00	28.44 -0.95 0.00	12.54 -0.51 0.00	11.32 -0.48 0.00	8.06 -0.36 0.00	11.52 -0.54 0.00	10.75 -0.53 0.00
BLACKRVR_115KV_TB2 79977	27.08 -0.95 0.00	23.76 -0.97 0.00	29.60 -1.12 0.00	28.63 -1.37 0.00	29.17 -1.40 0.00	30.39 -1.46 0.00	29.09 -1.39 0.00	29.43 -1.37 0.00	25.02 -1.13 0.00	18.63 -0.77 0.00	10.45 -0.41 0.00	13.25 -0.47 0.00	29.44 -1.10 0.00	29.19 -1.22 0.00	31.39 -1.28 0.00	31.31 -1.19 0.00	32.35 -0.85 0.00	32.94 -0.85 0.00	28.44 -0.95 0.00	12.54 -0.51 0.00	11.32 -0.48 0.00	8.06 -0.36 0.00	11.52 -0.54 0.00	10.75 -0.53 0.00
BLDWN_LI_69_KV_BK4 356085	29.77 1.74 0.00	26.19 1.45 0.00	32.57 1.86 0.00	31.75 1.75 0.00	32.33 1.76 0.00	33.88 2.03 0.00	32.58 2.10 0.00	32.91 2.12 0.00	27.94 1.79 0.00	20.67 1.28 0.00	11.64 0.78 0.00	14.75 1.03 0.00	32.68 2.14 0.00	32.59 2.18 0.00	34.96 2.29 0.00	34.84 2.34 0.00	35.66 2.46 0.00	36.47 2.68 0.00	31.44 2.05 0.00	13.98 0.94 0.00	12.68 0.89 0.00	10.06 0.67 -0.97	13.07 0.98 -0.03	12.17 0.88 0.00
BLISS_WT_PWR 323608	25.46 -2.57 0.00	22.55 -2.19 0.00	27.73 -2.98 0.00	27.24 -2.76 0.00	27.84 -2.73 0.00	28.92 -2.92 0.00	27.48 -3.01 0.00	27.84 -2.96 0.00	23.84 -2.31 0.00	17.71 -1.69 0.00	10.01 -0.84 0.00	12.83 -0.89 0.00	28.72 -1.82 0.00	28.89 -1.53 0.00	30.88 -1.79 0.00	30.40 -2.10 0.00	30.99 -2.22 0.00	31.34 -2.45 0.00	27.05 -2.34 0.00	11.98 -1.07 0.00	10.94 -0.86 0.00	7.80 -0.61 0.00	11.13 -0.94 0.00	10.40 -0.89 0.00
BLUESTONE___WT_PWR 323821	27.53 -0.50 0.00	23.92 -0.81 0.00	30.10 -0.62 0.00	29.26 -0.74 0.00	29.80 -0.76 0.00	30.85 -1.00 0.00	30.10 -0.39 0.00	30.28 -0.51 0.00	25.95 -0.20 0.00	19.19 -0.20 0.00	10.68 -0.18 0.00	13.50 -0.23 0.00	30.14 -0.40 0.00	30.10 -0.31 0.00	32.24 -0.43 0.00	32.00 -0.50 0.00	33.74 0.54 0.00	34.25 0.47 0.00	28.96 -0.43 0.00	12.87 -0.18 0.00	11.59 -0.20 0.00	8.27 -0.15 0.00	11.83 -0.23 0.00	11.00 -0.29 0.00
BLUE_CIRC_CHEM_DRP 24182	28.97 0.94 0.00	25.58 0.84 0.00	31.80 1.08 0.00	31.06 1.06 0.00	31.65 1.08 0.00	32.98 1.13 0.00	31.60 1.12 0.00	31.95 1.16 0.00	27.12 0.96 0.00	20.05 0.66 0.00	11.23 0.37 0.00	14.20 0.47 0.00	31.62 1.08 0.00	31.48 1.06 0.00	33.85 1.18 0.00	33.71 1.21 0.00	34.45 1.25 0.00	35.05 1.27 0.00	30.48 1.10 0.00	13.54 0.49 0.00	12.24 0.45 0.00	8.74 0.32 0.00	12.53 0.47 0.00	11.71 0.43 0.00
BOC_GAS_DRP 24189	28.73 0.70 0.00	25.36 0.63 0.00	31.53 0.82 0.00	30.80 0.80 0.00	31.37 0.81 0.00	32.68 0.84 0.00	31.34 0.86 0.00	31.69 0.90 0.00	26.90 0.75 0.00	19.91 0.52 0.00	11.17 0.31 0.00	14.13 0.41 0.00	31.45 0.91 0.00	31.32 0.90 0.00	33.61 0.95 0.00	33.44 0.94 0.00	34.17 0.97 0.00	34.78 1.00 0.00	30.24 0.86 0.00	13.43 0.39 0.00	12.15 0.35 0.00	8.67 0.26 0.00	12.44 0.37 0.00	11.62 0.34 0.00
BOONVILLE_115KV_TB1 79983	28.02 -0.01 0.00	24.71 -0.03 0.00	30.72 0.01 0.00	29.86 -0.14 0.00	30.44 -0.13 0.00	31.73 -0.11 0.00	30.40 -0.09 0.00	30.73 -0.06 0.00	26.15 0.00 0.00	19.43 0.03 0.00	10.87 0.01 0.00	13.75 0.02 0.00	30.60 0.06 0.00	30.40 -0.02 0.00	32.61 -0.06 0.00	32.52 0.02 0.00	33.43 0.23 0.00	34.00 0.22 0.00	29.47 0.08 0.00	13.02 -0.03 0.00	11.76 -0.03 0.00	8.40 -0.02 0.00	12.01 -0.05 0.00	11.22 -0.07 0.00
BORALEX_4TH_BRANCH 23824	29.61 1.58 0.00	26.12 1.39 0.00	32.43 1.71 0.00	31.74 1.74 0.00	32.34 1.77 0.00	33.69 1.84 0.00	32.35 1.86 0.00	32.78 1.99 0.00	27.80 1.64 0.00	20.44 1.04 0.00	11.47 0.61 0.00	14.52 0.80 0.00	32.46 1.92 0.00	32.34 1.92 0.00	34.72 2.05 0.00	34.54 2.04 0.00	35.32 2.12 0.00	35.99 2.21 0.00	31.30 1.91 0.00	13.90 0.85 0.00	12.58 0.79 0.00	8.99 0.57 0.00	12.88 0.81 0.00	12.01 0.73 0.00
BOWLINE___1 23526	29.23 1.20 0.00	25.79 1.06 0.00	32.05 1.33 0.00	31.28 1.28 0.00	31.84 1.28 0.00	33.28 1.43 0.00	32.00 1.52 0.00	32.42 1.62 0.00	27.54 1.39 0.00	20.37 0.98 0.00	11.44 0.58 0.00	14.46 0.74 0.00	32.17 1.63 0.00	32.04 1.63 0.00	34.41 1.74 0.00	34.20 1.70 0.00	35.01 1.81 0.00	35.67 1.89 0.00	30.94 1.55 0.00	13.74 0.69 0.00	12.42 0.63 0.00	8.87 0.46 0.00	12.72 0.66 0.00	11.89 0.61 0.00
BOWLINE___2 23595	29.22 1.20 0.00	25.79 1.06 0.00	32.04 1.33 0.00	31.27 1.27 0.00	31.84 1.27 0.00	33.27 1.42 0.00	31.99 1.50 0.00	32.41 1.62 0.00	27.54 1.39 0.00	20.37 0.97 0.00	11.43 0.57 0.00	14.46 0.74 0.00	32.17 1.63 0.00	32.03 1.62 0.00	34.40 1.73 0.00	34.19 1.69 0.00	35.01 1.81 0.00	35.67 1.88 0.00	30.93 1.55 0.00	13.73 0.68 0.00	12.42 0.62 0.00	8.87 0.45 0.00	12.72 0.65 0.00	11.88 0.60 0.00
BRADY___115KV_TB2 356060	28.44 0.41 0.00	25.08 0.35 0.00	31.13 0.42 0.00	30.42 0.42 0.00	30.96 0.40 0.00	32.21 0.37 0.00	30.73 0.24 0.00	31.11 0.31 0.00	26.46 0.31 0.00	19.69 0.29 0.00	10.99 0.13 0.00	13.79 0.06 0.00	30.65 0.11 0.00	30.54 0.13 0.00	32.97 0.30 0.00	32.90 0.40 0.00	33.62 0.42 0.00	34.12 0.34 0.00	29.65 0.26 0.00	13.14 0.09 0.00	11.87 0.07 0.00	8.47 0.05 0.00	12.13 0.07 0.00	11.36 0.08 0.00
BRANSCOMB___SOLAR 323811	29.52 1.50 0.00	26.07 1.34 0.00	32.37 1.65 0.00	31.62 1.62 0.00	32.24 1.67 0.00	33.62 1.78 0.00	32.33 1.85 0.00	32.78 1.99 0.00	27.83 1.68 0.00	20.58 1.19 0.00	11.53 0.67 0.00	14.57 0.84 0.00	32.62 2.08 0.00	32.49 2.07 0.00	34.87 2.21 0.00	34.69 2.19 0.00	35.43 2.23 0.00	36.06 2.28 0.00	31.36 1.97 0.00	13.90 0.85 0.00	12.57 0.78 0.00	8.98 0.56 0.00	12.86 0.79 0.00	11.99 0.70 0.00
BRDGHMPT_69_KV_BK1 55812	29.59 1.56 0.00	25.84 1.11 0.00	32.17 1.45 0.00	31.34 1.34 0.00	31.94 1.38 0.00	33.60 1.75 0.00	32.48 1.99 0.00	32.70 1.91 0.00	27.71 1.56 0.00	20.44 1.04 0.00	11.51 0.65 0.00	14.61 0.89 0.00	32.24 1.71 0.00	32.11 1.70 0.00	34.77 2.10 0.00	40.05 2.40 -5.16	39.52 2.60 -3.72	36.79 3.00 0.00	34.99 2.23 -3.38	14.57 1.08 -0.44	14.11 1.15 -1.17	12.61 0.85 -3.34	13.29 1.20 -0.02	12.31 1.03 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	29.92 1.89 0.00	26.28 1.54 0.00	32.73 2.02 0.00	31.89 1.89 0.00	32.48 1.92 0.00	34.08 2.23 0.00	32.76 2.27 0.00	33.07 2.28 0.00	28.03 1.88 0.00	20.72 1.33 0.00	11.67 0.81 0.00	14.79 1.07 0.00	32.64 2.10 0.00	32.58 2.17 0.00	34.98 2.32 0.00	39.50 2.51 -4.48	39.03 2.60 -3.23	36.61 2.82 0.00	34.55 2.23 -2.94	14.43 1.00 -0.38	13.70 0.96 -0.95	10.11 0.72 -0.98	13.15 1.06 -0.02	12.26 0.98 0.00
BRISTLHL_115KV_TB1 79998	27.26 -0.76 0.00	24.07 -0.67 0.00	29.83 -0.89 0.00	29.14 -0.86 0.00	29.72 -0.85 0.00	30.96 -0.88 0.00	29.61 -0.88 0.00	29.84 -0.96 0.00	25.31 -0.84 0.00	18.81 -0.58 0.00	10.53 -0.33 0.00	13.33 -0.39 0.00	29.60 -0.94 0.00	29.49 -0.92 0.00	31.66 -1.00 0.00	31.43 -1.07 0.00	32.08 -1.12 0.00	32.66 -1.13 0.00	28.46 -0.93 0.00	12.65 -0.40 0.00	11.44 -0.36 0.00	8.15 -0.27 0.00	11.68 -0.38 0.00	10.93 -0.35 0.00
BROOKHAVEN___DRP 24191	29.73 1.70 0.00	26.08 1.35 0.00	32.47 1.75 0.00	31.62 1.62 0.00	32.22 1.65 0.00	33.83 1.99 0.00	32.58 2.09 0.00	32.85 2.05 0.00	27.84 1.69 0.00	20.56 1.16 0.00	11.57 0.71 0.00	14.66 0.94 0.00	32.34 1.80 0.00	32.23 1.82 0.00	34.74 2.07 0.00	40.00 2.27 -5.24	39.29 2.32 -3.77	36.49 2.70 0.00	34.84 2.03 -3.43	14.44 0.94 -0.45	13.94 0.96 -1.18	12.50 0.73 -3.35	13.15 1.06 -0.02	12.24 0.96 0.00
BROOKLYN_NAVY_YARD 23515	29.44 1.41 0.00	25.96 1.22 0.00	32.32 1.60 0.00	31.52 1.52 0.00	32.08 1.52 0.00	33.54 1.70 0.00	32.29 1.81 0.00	32.80 2.01 0.00	27.84 1.69 0.00	20.60 1.21 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.58 2.04 0.00	32.64 2.04 -0.18	34.80 2.13 0.00	34.61 2.11 0.00	35.45 2.25 0.00	36.15 2.36 0.00	31.30 1.92 0.00	13.89 0.84 0.00	12.56 0.76 0.00	8.97 0.56 0.00	12.87 0.80 0.00	12.00 0.72 0.00
BROOKLYN___ARMY_DRP 323595	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
BROOME_2_LFGE 323671	27.71 -0.32 0.00	24.48 -0.25 0.00	30.39 -0.32 0.00	29.70 -0.30 0.00	30.30 -0.26 0.00	31.53 -0.31 0.00	30.21 -0.27 0.00	30.47 -0.32 0.00	25.92 -0.23 0.00	19.21 -0.18 0.00	10.74 -0.12 0.00	13.62 -0.10 0.00	30.34 -0.20 0.00	30.21 -0.21 0.00	32.42 -0.25 0.00	32.11 -0.39 0.00	32.86 -0.34 0.00	33.44 -0.34 0.00	29.08 -0.31 0.00	12.89 -0.16 0.00	11.65 -0.14 0.00	8.31 -0.11 0.00	11.90 -0.16 0.00	11.14 -0.14 0.00
BROOME___LFGE 323600	27.71 -0.32 0.00	24.48 -0.25 0.00	30.39 -0.32 0.00	29.70 -0.30 0.00	30.30 -0.26 0.00	31.53 -0.31 0.00	30.21 -0.27 0.00	30.47 -0.32 0.00	25.92 -0.23 0.00	19.21 -0.18 0.00	10.74 -0.12 0.00	13.62 -0.10 0.00	30.34 -0.20 0.00	30.21 -0.21 0.00	32.42 -0.25 0.00	32.11 -0.39 0.00	32.86 -0.34 0.00	33.44 -0.34 0.00	29.08 -0.31 0.00	12.89 -0.16 0.00	11.65 -0.14 0.00	8.31 -0.11 0.00	11.90 -0.16 0.00	11.14 -0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	27.46 -0.57 0.00	24.15 -0.59 0.00	29.95 -0.76 0.00	29.11 -0.89 0.00	29.64 -0.93 0.00	30.81 -1.03 0.00	29.33 -1.15 0.00	29.68 -1.11 0.00	25.27 -0.88 0.00	18.85 -0.55 0.00	10.55 -0.31 0.00	13.29 -0.43 0.00	29.57 -0.97 0.00	29.41 -1.00 0.00	31.64 -1.02 0.00	31.56 -0.94 0.00	32.38 -0.83 0.00	32.78 -1.01 0.00	28.36 -1.02 0.00	12.51 -0.53 0.00	11.31 -0.49 0.00	8.07 -0.34 0.00	11.57 -0.49 0.00	10.84 -0.44 0.00
BROWNSV1_27_KV_LOAD 356125	29.78 1.76 0.00	26.27 1.54 0.00	32.67 1.96 0.00	31.88 1.88 0.00	32.46 1.90 0.00	33.94 2.10 0.00	32.65 2.17 0.00	33.10 2.31 0.00	28.11 1.96 0.00	20.81 1.42 0.00	11.68 0.82 0.00	14.78 1.06 0.00	32.88 2.34 0.00	32.96 2.36 -0.18	35.17 2.51 0.00	34.98 2.48 0.00	35.81 2.61 0.00	36.52 2.73 0.00	31.63 2.24 0.00	14.03 0.98 0.00	12.68 0.89 0.00	9.06 0.64 0.00	12.99 0.93 0.00	12.12 0.84 0.00
BURROWS___LYONSDAL 23803	27.72 -0.30 0.00	24.44 -0.30 0.00	30.42 -0.30 0.00	29.50 -0.51 0.00	30.06 -0.51 0.00	31.34 -0.50 0.00	30.00 -0.48 0.00	30.33 -0.46 0.00	25.82 -0.33 0.00	19.19 -0.21 0.00	10.74 -0.12 0.00	13.57 -0.15 0.00	30.21 -0.33 0.00	30.02 -0.39 0.00	32.22 -0.45 0.00	32.16 -0.34 0.00	33.13 -0.07 0.00	33.70 -0.09 0.00	29.16 -0.23 0.00	12.86 -0.19 0.00	11.62 -0.18 0.00	8.29 -0.13 0.00	11.86 -0.20 0.00	11.07 -0.21 0.00
CAITHNESS_CC_1 323624	29.67 1.65 0.00	26.04 1.30 0.00	32.42 1.70 0.00	31.59 1.59 0.00	32.17 1.61 0.00	33.77 1.93 0.00	32.52 2.03 0.00	32.78 1.99 0.00	27.79 1.65 0.00	20.53 1.13 0.00	11.56 0.70 0.00	14.65 0.92 0.00	32.29 1.75 0.00	32.20 1.79 0.00	34.66 2.00 0.00	39.97 2.17 -5.31	39.23 2.20 -3.82	36.38 2.59 0.00	34.80 1.94 -3.47	14.40 0.90 -0.46	13.90 0.91 -1.20	12.47 0.70 -3.35	13.11 1.02 -0.02	12.21 0.92 0.00
CALPINE BETH_PAGE_GT4 24209	29.67 1.65 0.00	26.11 1.37 0.00	32.49 1.77 0.00	31.66 1.66 0.00	32.24 1.67 0.00	33.79 1.95 0.00	32.50 2.02 0.00	32.83 2.04 0.00	27.87 1.72 0.00	20.61 1.22 0.00	11.61 0.75 0.00	14.70 0.98 0.00	32.53 1.99 0.00	32.42 2.01 0.00	34.71 2.04 0.00	34.58 2.08 0.00	35.38 2.18 0.00	36.19 2.41 0.00	31.21 1.83 0.00	13.88 0.84 0.00	12.60 0.81 0.00	9.98 0.65 -0.91	13.03 0.94 -0.03	12.11 0.83 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.67 1.65 0.00	26.10 1.37 0.00	32.48 1.77 0.00	31.66 1.66 0.00	32.24 1.67 0.00	33.79 1.95 0.00	32.50 2.02 0.00	32.83 2.04 0.00	27.87 1.72 0.00	20.61 1.22 0.00	11.61 0.75 0.00	14.70 0.98 0.00	32.53 1.99 0.00	32.42 2.01 0.00	34.71 2.04 0.00	34.58 2.08 0.00	35.38 2.18 0.00	36.19 2.41 0.00	31.21 1.83 0.00	13.88 0.84 0.00	12.60 0.81 0.00	9.98 0.65 -0.91	13.03 0.94 -0.03	12.11 0.83 0.00
CALPINE_BP_GT1 23823	29.67 1.65 0.00	26.10 1.37 0.00	32.48 1.77 0.00	31.66 1.66 0.00	32.24 1.67 0.00	33.79 1.95 0.00	32.50 2.02 0.00	32.83 2.04 0.00	27.87 1.72 0.00	20.61 1.22 0.00	11.61 0.75 0.00	14.70 0.98 0.00	32.53 1.99 0.00	32.42 2.01 0.00	34.71 2.04 0.00	34.58 2.08 0.00	35.38 2.18 0.00	36.19 2.41 0.00	31.21 1.83 0.00	13.88 0.84 0.00	12.60 0.81 0.00	9.98 0.65 -0.91	13.03 0.94 -0.03	12.11 0.83 0.00
CALSPAN___DRP 24200	26.67 -1.36 0.00	23.57 -1.17 0.00	28.93 -1.78 0.00	28.38 -1.62 0.00	29.08 -1.49 0.00	30.28 -1.57 0.00	28.61 -1.88 0.00	28.71 -2.08 0.00	24.30 -1.85 0.00	18.10 -1.29 0.00	10.14 -0.72 0.00	12.89 -0.83 0.00	28.69 -1.85 0.00	28.69 -1.73 0.00	30.80 -1.87 0.00	30.37 -2.13 0.00	31.00 -2.20 0.00	31.57 -2.21 0.00	27.39 -1.99 0.00	12.15 -0.90 0.00	10.97 -0.82 0.00	7.81 -0.61 0.00	11.24 -0.83 0.00	10.60 -0.68 0.00

CALVERTON___SOLAR 323806	29.76 1.73 0.00	26.10 1.37 0.00	32.49 1.77 0.00	31.65 1.65 0.00	32.25 1.68 0.00	33.86 2.02 0.00	32.63 2.14 0.00	32.90 2.10 0.00	27.87 1.72 0.00	20.56 1.17 0.00	11.58 0.71 0.00	14.67 0.95 0.00	32.35 1.81 0.00	32.26 1.85 0.00	34.79 2.12 0.00	40.06 2.35 -5.21	39.38 2.42 -3.75	36.59 2.80 0.00	34.91 2.11 -3.41	14.48 0.98 -0.45	13.97 1.00 -1.18	12.52 0.76 -3.35	13.19 1.10 -0.02	12.27 0.98 0.00
CANDIGU_WT_PWR 323617	26.05 -1.98 0.00	23.04 -1.70 0.00	28.44 -2.28 0.00	27.79 -2.21 0.00	28.45 -2.12 0.00	29.58 -2.26 0.00	28.25 -2.23 0.00	28.50 -2.29 0.00	24.31 -1.84 0.00	17.99 -1.40 0.01	10.03 -0.84 0.00	12.74 -0.99 0.00	28.44 -2.10 0.00	28.45 -1.97 0.00	30.63 -2.04 0.00	30.13 -2.37 0.00	30.81 -2.39 0.00	31.42 -2.37 0.00	27.30 -2.09 0.00	12.05 -1.00 0.00	10.89 -0.90 0.00	7.75 -0.66 0.00	11.11 -0.96 0.00	10.43 -0.85 0.00
CARR STREET_E_SYR 24060	27.57 -0.45 0.00	24.35 -0.39 0.00	30.19 -0.53 0.00	29.49 -0.52 0.00	30.08 -0.49 0.00	31.34 -0.50 0.00	29.99 -0.50 0.00	30.21 -0.58 0.00	25.65 -0.50 0.00	19.05 -0.35 0.00	10.66 -0.20 0.00	13.50 -0.23 0.00	30.02 -0.52 0.00	29.89 -0.52 0.00	32.06 -0.61 0.00	31.83 -0.67 0.00	32.50 -0.70 0.00	33.07 -0.71 0.00	28.81 -0.57 0.00	12.80 -0.25 0.00	11.57 -0.22 0.00	8.25 -0.17 0.00	11.82 -0.25 0.00	11.06 -0.23 0.00
CARTHAGE___PAPER 23857	27.30 -0.72 0.00	23.99 -0.75 0.00	29.88 -0.84 0.00	28.89 -1.10 0.00	29.43 -1.14 0.00	30.66 -1.19 0.00	29.32 -1.16 0.00	29.67 -1.12 0.00	25.25 -0.90 0.00	18.79 -0.60 0.00	10.54 -0.32 0.00	13.33 -0.39 0.00	29.65 -0.88 0.00	29.41 -1.00 0.00	31.62 -1.04 0.00	31.59 -0.91 0.00	32.63 -0.58 0.00	33.17 -0.62 0.00	28.64 -0.75 0.00	12.61 -0.44 0.00	11.39 -0.41 0.00	8.12 -0.30 0.00	11.61 -0.45 0.00	10.84 -0.45 0.00
CASSADAGA_WT_PWR 323784	25.09 -2.94 0.00	22.19 -2.55 0.00	27.32 -3.39 0.00	26.84 -3.16 0.00	27.47 -3.10 0.00	28.62 -3.22 0.00	27.45 -3.03 0.00	27.66 -3.13 0.00	23.65 -2.50 0.00	17.62 -1.78 0.00	9.85 -1.01 0.00	12.58 -1.14 0.00	28.01 -2.53 0.00	28.10 -2.32 0.00	30.27 -2.40 0.00	29.95 -2.55 0.00	30.35 -2.85 0.00	30.75 -3.04 0.00	26.78 -2.61 0.00	11.80 -1.25 0.00	10.66 -1.14 0.00	7.55 -0.87 0.00	10.83 -1.23 0.00	10.21 -1.08 0.00
CE_DUNWOOD___DRP 24194	29.40 1.37 0.00	25.93 1.20 0.00	32.25 1.53 0.00	31.46 1.46 0.00	32.03 1.46 0.00	33.48 1.63 0.00	32.19 1.71 0.00	32.61 1.82 0.00	27.70 1.55 0.00	20.50 1.10 0.00	11.51 0.65 0.00	14.56 0.84 0.00	32.38 1.84 0.00	32.25 1.84 0.00	34.63 1.97 0.00	34.43 1.93 0.00	35.24 2.04 0.00	35.92 2.13 0.00	31.13 1.75 0.00	13.82 0.77 0.00	12.50 0.70 0.00	8.93 0.51 0.00	12.81 0.74 0.00	11.96 0.68 0.00
CE_MILLWOOD___DRP 24193	29.35 1.32 0.00	25.89 1.15 0.00	32.19 1.47 0.00	31.41 1.41 0.00	31.98 1.42 0.00	33.41 1.57 0.00	32.13 1.65 0.00	32.55 1.75 0.00	27.65 1.50 0.00	20.46 1.06 0.00	11.49 0.62 0.00	14.53 0.80 0.00	32.32 1.78 0.00	32.19 1.77 0.00	34.56 1.89 0.00	34.36 1.86 0.00	35.17 1.97 0.00	35.84 2.06 0.00	31.08 1.69 0.00	13.79 0.74 0.00	12.47 0.68 0.00	8.91 0.49 0.00	12.78 0.72 0.00	11.94 0.66 0.00
CE_NYC2_DRP 24202	29.59 1.56 0.00	26.10 1.36 0.00	32.48 1.76 0.00	31.68 1.68 0.00	32.26 1.69 0.00	33.73 1.88 0.00	32.43 1.95 0.00	32.87 2.07 0.00	27.93 1.78 0.00	20.67 1.28 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.12 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.25 2.47 0.00	31.41 2.03 0.00	13.95 0.90 0.00	12.61 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
CE_NYC_DRP 24195	29.54 1.51 0.00	26.05 1.32 0.00	32.42 1.70 0.00	31.62 1.62 0.00	32.20 1.64 0.00	33.67 1.83 0.00	32.40 1.91 0.00	32.84 2.04 0.00	27.88 1.73 0.00	20.64 1.25 0.00	11.59 0.72 0.00	14.66 0.94 0.00	32.59 2.06 0.00	32.59 2.07 -0.10	34.86 2.19 0.00	34.67 2.16 0.00	35.48 2.28 0.00	36.18 2.40 0.00	31.34 1.96 0.00	13.91 0.86 0.00	12.57 0.78 0.00	8.98 0.56 0.00	12.88 0.81 0.00	12.02 0.74 0.00
CHAFFEE___LFGE 323603	26.84 -1.19 0.00	23.71 -1.03 0.00	29.12 -1.60 0.00	28.56 -1.45 0.00	29.25 -1.31 0.00	30.46 -1.39 0.00	28.79 -1.69 0.00	28.93 -1.87 0.00	24.48 -1.67 0.00	18.25 -1.14 0.00	10.23 -0.63 0.00	13.00 -0.72 0.00	28.94 -1.60 0.00	28.93 -1.49 0.00	31.04 -1.63 0.00	30.60 -1.90 0.00	31.24 -1.96 0.00	31.82 -1.96 0.00	27.61 -1.78 0.00	12.24 -0.81 0.00	11.06 -0.74 0.00	7.87 -0.55 0.00	11.32 -0.74 0.00	10.67 -0.61 0.00
CHATEAUG_35_KV_LOAD 355732	27.66 -0.37 0.00	24.32 -0.42 0.00	30.37 -0.35 0.00	29.67 -0.33 0.00	30.14 -0.42 0.00	31.31 -0.53 0.00	29.92 -0.56 0.00	30.42 -0.37 0.00	25.85 -0.30 0.00	19.14 -0.26 0.00	10.67 -0.19 0.00	13.37 -0.35 0.00	29.75 -0.79 0.00	29.69 -0.72 0.00	32.10 -0.57 0.00	32.36 -0.13 0.00	33.03 -0.17 0.00	33.50 -0.29 0.00	29.11 -0.28 0.00	12.92 -0.13 0.00	11.66 -0.14 0.00	8.34 -0.08 0.00	11.93 -0.14 0.00	11.14 -0.14 0.00
CHATEAUG_WT_PWR 323614	27.63 -0.39 0.00	24.31 -0.42 0.00	30.37 -0.35 0.00	29.66 -0.34 0.00	30.13 -0.44 0.00	31.29 -0.55 0.00	29.92 -0.57 0.00	30.38 -0.41 0.00	25.82 -0.33 0.00	19.14 -0.26 0.00	10.67 -0.19 0.00	13.39 -0.34 0.00	29.79 -0.74 0.00	29.73 -0.68 0.00	32.14 -0.52 0.00	32.33 -0.17 0.00	32.99 -0.22 0.00	33.45 -0.33 0.00	29.06 -0.32 0.00	12.90 -0.15 0.00	11.64 -0.16 0.00	8.33 -0.09 0.00	11.92 -0.15 0.00	11.13 -0.15 0.00
CHAT_HIGH_FALL_HYD 323578	27.66 -0.37 0.00	24.32 -0.42 0.00	30.37 -0.35 0.00	29.67 -0.33 0.00	30.14 -0.42 0.00	31.31 -0.53 0.00	29.92 -0.56 0.00	30.42 -0.37 0.00	25.85 -0.30 0.00	19.14 -0.26 0.00	10.67 -0.19 0.00	13.37 -0.35 0.00	29.75 -0.79 0.00	29.69 -0.72 0.00	32.10 -0.57 0.00	32.36 -0.13 0.00	33.03 -0.17 0.00	33.50 -0.29 0.00	29.11 -0.28 0.00	12.92 -0.13 0.00	11.66 -0.14 0.00	8.34 -0.08 0.00	11.93 -0.14 0.00	11.14 -0.14 0.00
CHAUTAUQUA___LFGE 323629	25.95 -2.08 0.00	22.94 -1.79 0.00	28.22 -2.50 0.00	27.69 -2.31 0.00	28.35 -2.22 0.00	29.50 -2.34 0.00	28.14 -2.34 0.00	28.29 -2.50 0.00	24.06 -2.09 0.00	17.91 -1.49 0.00	10.02 -0.84 0.00	12.78 -0.95 0.00	28.44 -2.11 0.00	28.42 -2.00 0.00	30.53 -2.13 0.00	30.12 -2.38 0.00	30.69 -2.51 0.00	31.19 -2.59 0.00	27.08 -2.30 0.00	11.97 -1.08 0.00	10.82 -0.98 0.00	7.69 -0.73 0.00	11.04 -1.03 0.00	10.40 -0.88 0.00
CHERRYST_13_KV_LD 356241	29.61 1.58 0.00	26.11 1.37 0.00	32.50 1.78 0.00	31.70 1.70 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.14 0.00	27.96 1.81 0.00	20.70 1.31 0.00	11.62 0.76 0.00	14.70 0.98 0.00	32.68 2.15 0.00	32.68 2.16 -0.10	34.95 2.29 0.00	34.75 2.25 0.00	35.58 2.38 0.00	36.28 2.49 0.00	31.43 2.04 0.00	13.94 0.89 0.00	12.60 0.81 0.00	9.00 0.59 0.00	12.91 0.85 0.00	12.05 0.77 0.00

CHESTROR_138KV_BK263 355645	29.11 1.08 0.00	25.69 0.95 0.00	31.90 1.19 0.00	31.14 1.14 0.00	31.70 1.14 0.00	33.10 1.26 0.00	31.82 1.34 0.00	32.22 1.43 0.00	27.39 1.24 0.00	20.26 0.87 0.00	11.38 0.51 0.00	14.38 0.66 0.00	31.97 1.43 0.00	31.83 1.42 0.00	34.19 1.52 0.00	34.00 1.50 0.00	34.81 1.61 0.00	35.46 1.68 0.00	30.78 1.39 0.00	13.66 0.62 0.00	12.36 0.56 0.00	8.82 0.40 0.00	12.65 0.59 0.00	11.82 0.54 0.00
CH_MIDHUDSON___DRP 24192	29.37 1.35 0.00	25.92 1.19 0.00	32.22 1.51 0.00	31.43 1.43 0.00	32.01 1.45 0.00	33.43 1.59 0.00	32.13 1.64 0.00	32.53 1.74 0.00	27.65 1.50 0.00	20.46 1.07 0.00	11.50 0.64 0.00	14.55 0.83 0.00	32.38 1.83 0.00	32.23 1.82 0.00	34.61 1.94 0.00	34.40 1.90 0.00	35.20 2.00 0.00	35.84 2.05 0.00	31.10 1.72 0.00	13.81 0.76 0.00	12.48 0.69 0.00	8.91 0.50 0.00	12.78 0.71 0.00	11.94 0.66 0.00
CH_MISC_IPPS 23765	29.49 1.46 0.00	26.02 1.28 0.00	32.33 1.61 0.00	31.54 1.54 0.00	32.12 1.55 0.00	33.55 1.71 0.00	32.26 1.77 0.00	32.68 1.89 0.00	27.77 1.62 0.00	20.56 1.16 0.00	11.55 0.69 0.00	14.61 0.89 0.00	32.52 1.98 0.00	32.37 1.96 0.00	34.77 2.10 0.00	34.56 2.06 0.00	35.36 2.17 0.00	36.02 2.24 0.00	31.25 1.87 0.00	13.87 0.82 0.00	12.54 0.75 0.00	8.95 0.54 0.00	12.84 0.77 0.00	11.99 0.71 0.00
CH_RES_BVR_FALLS 23983	28.00 -0.03 0.00	24.70 -0.03 0.00	30.68 -0.03 0.00	29.97 -0.03 0.00	30.54 -0.03 0.00	31.80 -0.05 0.00	30.42 -0.06 0.00	30.74 -0.05 0.00	26.11 -0.04 0.00	19.38 -0.02 0.00	10.84 -0.02 0.00	13.70 -0.03 0.00	30.48 -0.06 0.00	30.35 -0.06 0.00	32.61 -0.06 0.00	32.47 -0.03 0.00	33.17 -0.03 0.00	33.75 -0.03 0.00	29.35 -0.04 0.00	13.03 -0.02 0.00	11.77 -0.02 0.00	8.40 -0.01 0.00	12.04 -0.02 0.00	11.26 -0.02 0.00
CH_RES_NIAGARA 23895	26.16 -1.86 0.00	23.11 -1.62 0.00	28.34 -2.38 0.00	27.83 -2.17 0.00	28.52 -2.05 0.00	29.70 -2.15 0.00	27.93 -2.56 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.87 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.67 0.00	27.86 -2.56 0.00	29.91 -2.75 0.00	29.51 -3.00 0.00	30.09 -3.11 0.00	30.64 -3.15 0.00	26.57 -2.81 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.96 -1.10 0.00	10.35 -0.93 0.00
CH_RES_SYRACUSE 23985	27.73 -0.29 0.00	24.48 -0.25 0.00	30.36 -0.36 0.00	29.65 -0.35 0.00	30.24 -0.32 0.00	31.51 -0.34 0.00	30.16 -0.32 0.00	30.40 -0.40 0.00	25.80 -0.35 0.00	19.17 -0.22 0.00	10.73 -0.13 0.00	13.58 -0.15 0.00	30.18 -0.36 0.00	30.07 -0.35 0.00	32.23 -0.43 0.00	32.02 -0.48 0.00	32.70 -0.50 0.00	33.29 -0.50 0.00	28.98 -0.40 0.00	12.88 -0.17 0.00	11.64 -0.15 0.00	8.29 -0.12 0.00	11.88 -0.18 0.00	11.12 -0.16 0.00
CLINTON_WT_PWR 323605	27.63 -0.39 0.00	24.31 -0.42 0.00	30.37 -0.35 0.00	29.66 -0.34 0.00	30.13 -0.44 0.00	31.29 -0.55 0.00	29.92 -0.57 0.00	30.38 -0.41 0.00	25.82 -0.33 0.00	19.14 -0.26 0.00	10.67 -0.19 0.00	13.39 -0.34 0.00	29.79 -0.74 0.00	29.73 -0.68 0.00	32.14 -0.52 0.00	32.33 -0.17 0.00	32.99 -0.22 0.00	33.45 -0.33 0.00	29.06 -0.32 0.00	12.90 -0.15 0.00	11.64 -0.16 0.00	8.33 -0.09 0.00	11.92 -0.15 0.00	11.13 -0.15 0.00
CLINTON___LFGE 323618	28.04 0.02 0.00	24.66 -0.08 0.00	30.76 0.04 0.00	30.06 0.05 0.00	30.53 -0.04 0.00	31.67 -0.17 0.00	30.32 -0.16 0.00	30.87 0.07 0.00	26.24 0.09 0.00	19.45 0.05 0.00	10.85 -0.01 0.00	13.60 -0.12 0.00	30.22 -0.32 0.00	30.17 -0.24 0.00	32.67 0.01 0.00	32.82 0.32 0.00	33.54 0.34 0.00	34.05 0.26 0.00	29.57 0.19 0.00	13.12 0.08 0.00	11.84 0.05 0.00	8.48 0.06 0.00	12.10 0.03 0.00	11.29 0.00 0.00
COBBLENY_34_KV_TB1 80064	26.84 -1.19 0.00	23.71 -1.03 0.00	29.12 -1.60 0.00	28.55 -1.45 0.00	29.25 -1.31 0.00	30.46 -1.39 0.00	28.79 -1.69 0.00	28.93 -1.87 0.00	24.48 -1.67 0.00	18.25 -1.14 0.00	10.23 -0.63 0.00	13.00 -0.72 0.00	28.94 -1.60 0.00	28.93 -1.49 0.00	31.04 -1.62 0.00	30.60 -1.90 0.00	31.24 -1.96 0.00	31.82 -1.96 0.00	27.62 -1.77 0.00	12.24 -0.81 0.00	11.06 -0.74 0.00	7.87 -0.54 0.00	11.32 -0.74 0.00	10.67 -0.61 0.00
COFFEEN___115KV_TB3 355620	27.17 -0.86 0.00	23.84 -0.90 0.00	29.69 -1.03 0.00	28.72 -1.28 0.00	29.26 -1.30 0.00	30.49 -1.36 0.00	29.20 -1.28 0.00	29.55 -1.25 0.00	25.12 -1.03 0.00	18.70 -0.69 0.00	10.49 -0.37 0.00	13.30 -0.42 0.00	29.55 -0.98 0.00	29.30 -1.11 0.00	31.52 -1.15 0.00	31.43 -1.07 0.00	32.45 -0.75 0.00	33.05 -0.74 0.00	28.55 -0.84 0.00	12.59 -0.46 0.00	11.37 -0.43 0.00	8.09 -0.32 0.00	11.57 -0.50 0.00	10.79 -0.49 0.00
COLDSPRG_115KV_BK1 355956	26.31 -1.72 0.00	23.28 -1.45 0.00	28.69 -2.03 0.00	28.16 -1.84 0.00	28.81 -1.75 0.00	30.01 -1.83 0.00	28.73 -1.75 0.00	28.85 -1.94 0.00	24.54 -1.61 0.00	18.28 -1.12 0.00	10.23 -0.63 0.00	13.07 -0.66 0.00	29.14 -1.40 0.00	29.16 -1.25 0.00	31.39 -1.28 0.00	30.90 -1.61 0.00	31.44 -1.76 0.00	31.89 -1.90 0.00	27.75 -1.64 0.00	12.26 -0.79 0.00	11.09 -0.70 0.00	7.87 -0.55 0.00	11.27 -0.79 0.00	10.62 -0.66 0.00
COLONIE_LFGE___ 323577	29.16 1.13 0.00	25.74 1.00 0.00	31.96 1.25 0.00	31.23 1.24 0.00	31.83 1.27 0.00	33.17 1.33 0.00	31.83 1.35 0.00	32.24 1.44 0.00	27.36 1.21 0.00	20.21 0.82 0.00	11.34 0.48 0.00	14.35 0.62 0.00	32.03 1.49 0.00	31.89 1.48 0.00	34.23 1.56 0.00	34.05 1.55 0.00	34.78 1.57 0.00	35.40 1.62 0.00	30.80 1.41 0.00	13.67 0.62 0.00	12.36 0.57 0.00	8.83 0.41 0.00	12.65 0.59 0.00	11.81 0.52 0.00
COOPERNY_115KV_TB1 80082	28.78 0.75 0.00	25.41 0.67 0.00	31.55 0.83 0.00	30.82 0.82 0.00	31.38 0.81 0.00	32.73 0.89 0.00	31.44 0.96 0.00	31.81 1.02 0.00	27.05 0.90 0.00	20.03 0.63 0.00	11.23 0.37 0.00	14.20 0.47 0.00	31.57 1.02 0.00	31.42 1.01 0.00	33.74 1.08 0.00	33.55 1.05 0.00	34.34 1.14 0.00	34.97 1.18 0.00	30.37 0.99 0.00	13.49 0.44 0.00	12.19 0.40 0.00	8.71 0.29 0.00	12.48 0.41 0.00	11.67 0.38 0.00
COPENHAGEN_WT_PWR 323753	26.80 -1.23 0.00	23.49 -1.24 0.00	29.30 -1.41 0.00	28.32 -1.69 0.00	28.85 -1.71 0.00	30.05 -1.79 0.00	28.75 -1.74 0.00	29.06 -1.73 0.00	24.70 -1.45 0.00	18.39 -1.00 0.00	10.32 -0.54 0.00	13.09 -0.64 0.00	29.09 -1.45 0.00	28.86 -1.56 0.00	31.03 -1.64 0.00	30.95 -1.55 0.00	32.00 -1.20 0.00	32.58 -1.20 0.00	28.10 -1.28 0.00	12.38 -0.66 0.00	11.18 -0.61 0.00	7.97 -0.45 0.00	11.39 -0.68 0.00	10.63 -0.65 0.00
CORNELL_____ 23752	28.08 0.06 0.00	24.80 0.07 0.00	30.75 0.04 0.00	30.04 0.04 0.00	30.66 0.09 0.00	31.94 0.09 0.00	30.61 0.13 0.00	30.92 0.12 0.00	26.32 0.17 0.00	19.53 0.13 0.00	10.90 0.04 0.00	13.78 0.06 0.00	30.68 0.14 0.00	30.61 0.19 0.00	32.81 0.15 0.00	32.56 0.06 0.00	33.39 0.19 0.00	34.02 0.23 0.00	29.55 0.16 0.00	13.10 0.05 0.00	11.84 0.04 0.00	8.43 0.01 0.00	12.06 0.00 0.00	11.28 0.00 0.00

CORONA__69_KV_TB1 355595	29.76 1.73 0.00	26.20 1.46 0.00	32.58 1.86 0.00	31.77 1.77 0.00	32.36 1.79 0.00	33.88 2.04 0.00	32.58 2.10 0.00	32.91 2.12 0.00	27.95 1.80 0.00	20.69 1.29 0.00	11.64 0.78 0.00	14.75 1.03 0.00	32.71 2.17 0.00	32.63 2.21 0.00	35.00 2.34 0.00	34.85 2.35 0.00	35.67 2.47 0.00	36.47 2.68 0.00	31.46 2.08 0.00	14.00 0.95 0.00	12.69 0.89 0.00	10.41 0.67 -1.33	13.06 0.95 -0.04	12.15 0.87 0.00
CORTLAND__115KV_TB3 80093	27.97 -0.05 0.00	24.71 -0.03 0.00	30.65 -0.06 0.00	29.94 -0.06 0.00	30.55 -0.02 0.00	31.81 -0.03 0.00	30.48 0.00 0.00	30.78 -0.02 0.00	26.19 0.04 0.00	19.43 0.03 0.00	10.86 -0.01 0.00	13.74 0.02 0.00	30.59 0.05 0.00	30.46 0.05 0.00	32.66 0.00 0.00	32.42 -0.08 0.00	33.18 -0.02 0.00	33.76 -0.03 0.00	29.37 -0.02 0.00	13.03 -0.02 0.00	11.77 -0.02 0.00	8.39 -0.03 0.00	12.01 -0.05 0.00	11.24 -0.04 0.00
COXSACKIE__GT 23611	29.91 1.88 0.00	26.38 1.65 0.00	32.76 2.04 0.00	32.01 2.01 0.00	32.65 2.09 0.00	34.03 2.19 0.00	32.71 2.23 0.00	33.26 2.47 0.00	28.27 2.12 0.00	20.97 1.57 0.00	11.62 0.76 0.00	14.70 0.98 0.00	32.76 2.21 0.00	32.75 2.34 0.00	35.13 2.47 0.00	35.26 2.76 0.00	36.10 2.90 0.00	36.75 2.96 0.00	31.94 2.55 0.00	14.16 1.11 0.00	12.79 1.00 0.00	9.12 0.71 0.00	13.05 0.99 0.00	12.16 0.88 0.00
CPV_VALLEY__CC1 323721	28.91 0.88 0.00	25.53 0.79 0.00	31.69 0.98 0.00	30.96 0.96 0.00	31.50 0.94 0.00	32.88 1.03 0.00	31.60 1.12 0.00	31.99 1.19 0.00	27.21 1.06 0.00	20.14 0.74 0.00	11.30 0.44 0.00	14.28 0.56 0.00	31.74 1.20 0.00	31.60 1.19 0.00	33.93 1.27 0.00	33.73 1.24 0.00	34.53 1.32 0.00	35.18 1.39 0.00	30.54 1.16 0.00	13.56 0.51 0.00	12.27 0.47 0.00	8.76 0.34 0.00	12.56 0.49 0.00	11.74 0.46 0.00
CPV_VALLEY__CC2 323722	28.91 0.88 0.00	25.53 0.79 0.00	31.69 0.98 0.00	30.96 0.96 0.00	31.50 0.94 0.00	32.88 1.03 0.00	31.60 1.12 0.00	31.99 1.19 0.00	27.21 1.06 0.00	20.14 0.74 0.00	11.30 0.44 0.00	14.28 0.56 0.00	31.74 1.20 0.00	31.60 1.19 0.00	33.93 1.27 0.00	33.73 1.24 0.00	34.53 1.32 0.00	35.18 1.39 0.00	30.54 1.16 0.00	13.56 0.51 0.00	12.27 0.47 0.00	8.76 0.34 0.00	12.56 0.49 0.00	11.74 0.46 0.00
CRESCENT__HYD 24018	29.16 1.13 0.00	25.74 1.00 0.00	31.96 1.25 0.00	31.23 1.24 0.00	31.83 1.27 0.00	33.17 1.33 0.00	31.83 1.35 0.00	32.24 1.44 0.00	27.36 1.21 0.00	20.21 0.82 0.00	11.34 0.48 0.00	14.35 0.62 0.00	32.03 1.49 0.00	31.89 1.48 0.00	34.23 1.56 0.00	34.05 1.55 0.00	34.78 1.57 0.00	35.40 1.62 0.00	30.80 1.41 0.00	13.67 0.62 0.00	12.36 0.57 0.00	8.83 0.41 0.00	12.65 0.59 0.00	11.81 0.52 0.00
CRICKET__VALLEY_CC1 323756	29.20 1.17 0.00	25.77 1.03 0.00	32.04 1.32 0.00	31.22 1.22 0.00	31.78 1.21 0.00	33.21 1.37 0.00	31.89 1.41 0.00	32.28 1.49 0.00	27.41 1.26 0.00	20.28 0.89 0.00	11.40 0.54 0.00	14.44 0.71 0.00	32.14 1.60 0.00	32.00 1.59 0.00	34.35 1.69 0.00	34.15 1.65 0.00	34.92 1.72 0.00	35.53 1.75 0.00	30.86 1.47 0.00	13.70 0.65 0.00	12.38 0.59 0.00	8.84 0.43 0.00	12.68 0.61 0.00	11.86 0.58 0.00
CRICKET__VALLEY_CC2 323757	29.20 1.17 0.00	25.77 1.03 0.00	32.04 1.32 0.00	31.22 1.22 0.00	31.78 1.21 0.00	33.21 1.37 0.00	31.89 1.41 0.00	32.28 1.49 0.00	27.41 1.26 0.00	20.28 0.89 0.00	11.40 0.54 0.00	14.44 0.71 0.00	32.14 1.60 0.00	32.00 1.59 0.00	34.35 1.69 0.00	34.15 1.65 0.00	34.92 1.72 0.00	35.53 1.75 0.00	30.86 1.47 0.00	13.70 0.65 0.00	12.38 0.59 0.00	8.84 0.43 0.00	12.68 0.61 0.00	11.86 0.58 0.00
CRICKET__VALLEY_CC3 323758	29.20 1.17 0.00	25.77 1.03 0.00	32.04 1.32 0.00	31.22 1.22 0.00	31.78 1.21 0.00	33.21 1.37 0.00	31.89 1.41 0.00	32.28 1.49 0.00	27.41 1.26 0.00	20.28 0.89 0.00	11.40 0.54 0.00	14.44 0.71 0.00	32.14 1.60 0.00	32.00 1.59 0.00	34.35 1.69 0.00	34.15 1.65 0.00	34.92 1.72 0.00	35.53 1.75 0.00	30.86 1.47 0.00	13.70 0.65 0.00	12.38 0.59 0.00	8.84 0.43 0.00	12.68 0.61 0.00	11.86 0.58 0.00
CRUCIBLE_METL_DRP 24180	27.73 -0.29 0.00	24.48 -0.25 0.00	30.36 -0.36 0.00	29.65 -0.35 0.00	30.24 -0.32 0.00	31.50 -0.34 0.00	30.16 -0.32 0.00	30.40 -0.40 0.00	25.80 -0.35 0.00	19.17 -0.22 0.00	10.73 -0.13 0.00	13.58 -0.15 0.00	30.18 -0.36 0.00	30.07 -0.35 0.00	32.23 -0.44 0.00	32.01 -0.49 0.00	32.70 -0.50 0.00	33.29 -0.49 0.00	28.98 -0.40 0.00	12.88 -0.17 0.00	11.64 -0.15 0.00	8.29 -0.12 0.00	11.88 -0.18 0.00	11.12 -0.16 0.00
DAHOWA__HYDRO 323763	29.65 1.62 0.00	26.18 1.45 0.00	32.49 1.78 0.00	31.74 1.74 0.00	32.36 1.79 0.00	33.76 1.92 0.00	32.51 2.02 0.00	32.98 2.18 0.00	28.01 1.86 0.00	20.71 1.32 0.00	11.60 0.74 0.00	14.66 0.93 0.00	32.86 2.31 0.00	32.71 2.29 0.00	35.12 2.45 0.00	34.92 2.42 0.00	35.66 2.46 0.00	36.31 2.52 0.00	31.57 2.18 0.00	13.98 0.93 0.00	12.64 0.85 0.00	9.03 0.61 0.00	12.93 0.87 0.00	12.05 0.76 0.00
DANC__LFGE 323619	27.03 -0.99 0.00	23.76 -0.97 0.00	29.57 -1.15 0.00	28.70 -1.30 0.00	29.25 -1.31 0.00	30.45 -1.40 0.00	29.10 -1.38 0.00	29.39 -1.40 0.00	24.97 -1.18 0.00	18.58 -0.82 0.00	10.42 -0.44 0.00	13.22 -0.51 0.00	29.37 -1.17 0.00	29.18 -1.23 0.00	31.35 -1.32 0.00	31.19 -1.31 0.00	32.07 -1.13 0.00	32.65 -1.14 0.00	28.27 -1.11 0.00	12.50 -0.55 0.00	11.29 -0.50 0.00	8.05 -0.37 0.00	11.52 -0.54 0.00	10.77 -0.51 0.00
DANSKAMMER__1 23586	29.49 1.46 0.00	26.02 1.28 0.00	32.33 1.61 0.00	31.54 1.54 0.00	32.12 1.55 0.00	33.55 1.71 0.00	32.26 1.77 0.00	32.68 1.89 0.00	27.77 1.62 0.00	20.56 1.16 0.00	11.55 0.69 0.00	14.61 0.89 0.00	32.52 1.98 0.00	32.37 1.96 0.00	34.77 2.10 0.00	34.56 2.06 0.00	35.36 2.17 0.00	36.02 2.24 0.00	31.25 1.87 0.00	13.87 0.82 0.00	12.54 0.75 0.00	8.95 0.54 0.00	12.84 0.77 0.00	11.99 0.71 0.00
DANSKAMMER__2 23589	29.49 1.46 0.00	26.02 1.28 0.00	32.33 1.61 0.00	31.54 1.54 0.00	32.12 1.55 0.00	33.55 1.71 0.00	32.26 1.77 0.00	32.68 1.89 0.00	27.77 1.62 0.00	20.56 1.16 0.00	11.55 0.69 0.00	14.61 0.89 0.00	32.52 1.98 0.00	32.37 1.96 0.00	34.77 2.10 0.00	34.56 2.06 0.00	35.36 2.17 0.00	36.02 2.24 0.00	31.25 1.87 0.00	13.87 0.82 0.00	12.54 0.75 0.00	8.95 0.54 0.00	12.84 0.77 0.00	11.99 0.71 0.00
DANSKAMMER__3 23590	29.49 1.46 0.00	26.02 1.28 0.00	32.33 1.61 0.00	31.54 1.54 0.00	32.12 1.55 0.00	33.55 1.71 0.00	32.26 1.77 0.00	32.68 1.89 0.00	27.77 1.62 0.00	20.56 1.16 0.00	11.55 0.69 0.00	14.61 0.89 0.00	32.52 1.98 0.00	32.37 1.96 0.00	34.77 2.10 0.00	34.56 2.06 0.00	35.36 2.17 0.00	36.02 2.24 0.00	31.25 1.87 0.00	13.87 0.82 0.00	12.54 0.75 0.00	8.95 0.54 0.00	12.84 0.77 0.00	11.99 0.71 0.00

DANSKAMMER___4 23591	29.49 1.46 0.00	26.02 1.28 0.00	32.33 1.61 0.00	31.54 1.54 0.00	32.12 1.55 0.00	33.55 1.71 0.00	32.26 1.77 0.00	32.68 1.89 0.00	27.77 1.62 0.00	20.56 1.16 0.00	11.55 0.69 0.00	14.61 0.89 0.00	32.52 1.98 0.00	32.37 1.96 0.00	34.77 2.10 0.00	34.56 2.06 0.00	35.36 2.17 0.00	36.02 2.24 0.00	31.25 1.87 0.00	13.87 0.82 0.00	12.54 0.75 0.00	8.95 0.54 0.00	12.84 0.77 0.00	11.99 0.71 0.00
DANSKAMMER___DIESEL 23592	29.49 1.46 0.00	26.02 1.28 0.00	32.33 1.61 0.00	31.54 1.54 0.00	32.12 1.55 0.00	33.55 1.71 0.00	32.26 1.77 0.00	32.68 1.89 0.00	27.77 1.62 0.00	20.56 1.16 0.00	11.55 0.69 0.00	14.61 0.89 0.00	32.52 1.98 0.00	32.37 1.96 0.00	34.77 2.10 0.00	34.56 2.06 0.00	35.36 2.16 0.00	36.02 2.24 0.00	31.25 1.87 0.00	13.87 0.82 0.00	12.54 0.74 0.00	8.95 0.54 0.00	12.83 0.77 0.00	11.99 0.71 0.00
DARBY___SOLAR 323810	29.54 1.52 0.00	26.10 1.36 0.00	32.39 1.68 0.00	31.65 1.65 0.00	32.26 1.69 0.00	33.64 1.80 0.00	32.37 1.89 0.00	32.82 2.02 0.00	27.86 1.71 0.00	20.60 1.21 0.00	11.54 0.68 0.00	14.58 0.86 0.00	32.66 2.13 0.00	32.52 2.11 0.00	34.92 2.25 0.00	34.73 2.23 0.00	35.47 2.27 0.00	36.11 2.32 0.00	31.39 2.01 0.00	13.91 0.86 0.00	12.58 0.79 0.00	8.99 0.57 0.00	12.87 0.80 0.00	11.99 0.71 0.00
DASHVILLE___HYD 23610	29.16 1.14 0.00	25.73 1.00 0.00	32.00 1.28 0.00	31.21 1.21 0.00	31.78 1.22 0.00	33.19 1.35 0.00	31.91 1.43 0.00	32.32 1.52 0.00	27.47 1.32 0.00	20.34 0.94 0.00	11.43 0.57 0.00	14.45 0.73 0.00	32.12 1.59 0.00	31.99 1.58 0.00	34.34 1.67 0.00	34.13 1.63 0.00	34.95 1.75 0.00	35.58 1.80 0.00	30.88 1.49 0.00	13.71 0.66 0.00	12.40 0.60 0.00	8.85 0.43 0.00	12.69 0.62 0.00	11.86 0.58 0.00
DELAWARE___LFGE 323621	28.47 0.45 0.00	25.12 0.39 0.00	31.25 0.53 0.00	30.52 0.53 0.00	31.11 0.55 0.00	32.40 0.55 0.00	31.11 0.62 0.00	31.45 0.65 0.00	26.76 0.61 0.00	19.83 0.43 0.00	11.11 0.25 0.00	14.06 0.33 0.00	31.27 0.73 0.00	31.12 0.70 0.00	33.40 0.73 0.00	33.19 0.69 0.00	34.01 0.81 0.00	34.62 0.83 0.00	30.05 0.66 0.00	13.34 0.29 0.00	12.05 0.26 0.00	8.60 0.18 0.00	12.32 0.25 0.00	11.52 0.24 0.00
DERFIELD_115KV_TB7 355931	28.14 0.11 0.00	24.83 0.10 0.00	30.84 0.13 0.00	30.12 0.12 0.00	30.69 0.12 0.00	31.97 0.13 0.00	30.61 0.12 0.00	30.92 0.12 0.00	26.26 0.11 0.00	19.50 0.10 0.00	10.91 0.05 0.00	13.79 0.07 0.00	30.72 0.18 0.00	30.57 0.16 0.00	32.83 0.16 0.00	32.66 0.16 0.00	33.35 0.15 0.00	33.95 0.16 0.00	29.52 0.14 0.00	13.11 0.06 0.00	11.84 0.05 0.00	8.45 0.04 0.00	12.12 0.06 0.00	11.34 0.05 0.00
DOGLEVILLE___HYD 23807	29.95 1.92 0.00	26.31 1.57 0.00	32.59 1.87 0.00	31.95 1.95 0.00	32.59 2.03 0.00	33.95 2.10 0.00	32.70 2.21 0.00	33.22 2.43 0.00	28.24 2.09 0.00	20.85 1.46 0.00	11.57 0.71 0.00	14.65 0.93 0.00	32.88 2.34 0.00	32.73 2.31 0.00	35.03 2.36 0.00	34.98 2.49 0.00	35.95 2.75 0.00	36.63 2.84 0.00	31.80 2.42 0.00	14.12 1.07 0.00	12.73 0.94 0.00	9.09 0.67 0.00	12.99 0.93 0.00	12.11 0.83 0.00
DUNKIRK___115KV_TB_200 55889	26.05 -1.97 0.00	23.03 -1.71 0.00	28.33 -2.39 0.00	27.80 -2.20 0.00	28.46 -2.11 0.00	29.61 -2.24 0.00	28.23 -2.26 0.00	28.38 -2.42 0.00	24.12 -2.03 0.00	17.95 -1.44 0.00	10.04 -0.82 0.00	12.80 -0.92 0.00	28.50 -2.04 0.00	28.47 -1.95 0.00	30.59 -2.08 0.00	30.15 -2.35 0.00	30.75 -2.45 0.00	31.26 -2.53 0.00	27.14 -2.25 0.00	11.99 -1.06 0.00	10.84 -0.95 0.00	7.71 -0.71 0.00	11.07 -1.00 0.00	10.43 -0.85 0.00
DUNKIRK___1 23563	26.05 -1.97 0.00	23.03 -1.71 0.00	28.33 -2.39 0.00	27.80 -2.20 0.00	28.46 -2.11 0.00	29.61 -2.24 0.00	28.23 -2.26 0.00	28.38 -2.42 0.00	24.12 -2.03 0.00	17.95 -1.44 0.00	10.04 -0.82 0.00	12.80 -0.92 0.00	28.50 -2.04 0.00	28.47 -1.95 0.00	30.59 -2.08 0.00	30.15 -2.35 0.00	30.75 -2.45 0.00	31.26 -2.53 0.00	27.14 -2.25 0.00	11.99 -1.06 0.00	10.84 -0.95 0.00	7.71 -0.71 0.00	11.07 -1.00 0.00	10.43 -0.85 0.00
DUNKIRK___2 23564	26.05 -1.97 0.00	23.03 -1.71 0.00	28.33 -2.39 0.00	27.80 -2.20 0.00	28.46 -2.11 0.00	29.61 -2.24 0.00	28.23 -2.26 0.00	28.38 -2.42 0.00	24.12 -2.03 0.00	17.95 -1.44 0.00	10.04 -0.82 0.00	12.80 -0.92 0.00	28.50 -2.04 0.00	28.47 -1.95 0.00	30.59 -2.08 0.00	30.15 -2.35 0.00	30.75 -2.45 0.00	31.26 -2.53 0.00	27.14 -2.25 0.00	11.99 -1.06 0.00	10.84 -0.95 0.00	7.71 -0.71 0.00	11.07 -1.00 0.00	10.43 -0.85 0.00
DUNKIRK___3 23565	26.26 -1.77 0.00	23.22 -1.52 0.00	28.55 -2.16 0.00	28.01 -1.99 0.00	28.68 -1.89 0.00	29.84 -2.00 0.00	28.37 -2.12 0.00	28.51 -2.29 0.00	24.19 -1.96 0.00	18.01 -1.39 0.00	10.07 -0.79 0.00	12.84 -0.88 0.00	28.58 -1.96 0.00	28.54 -1.87 0.00	30.66 -2.01 0.00	30.22 -2.28 0.00	30.83 -2.37 0.00	31.35 -2.44 0.00	27.22 -2.16 0.00	12.04 -1.01 0.00	10.88 -0.91 0.00	7.74 -0.68 0.00	11.12 -0.94 0.00	10.49 -0.79 0.00
DUNKIRK___4 23566	26.26 -1.77 0.00	23.22 -1.52 0.00	28.55 -2.16 0.00	28.01 -1.99 0.00	28.68 -1.89 0.00	29.84 -2.00 0.00	28.37 -2.12 0.00	28.51 -2.29 0.00	24.19 -1.96 0.00	18.01 -1.39 0.00	10.07 -0.79 0.00	12.84 -0.88 0.00	28.58 -1.96 0.00	28.54 -1.87 0.00	30.66 -2.01 0.00	30.22 -2.28 0.00	30.83 -2.37 0.00	31.35 -2.44 0.00	27.22 -2.16 0.00	12.04 -1.01 0.00	10.88 -0.91 0.00	7.74 -0.68 0.00	11.12 -0.94 0.00	10.49 -0.79 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.48 1.45 0.00	26.01 1.27 0.00	32.34 1.62 0.00	31.55 1.55 0.00	32.12 1.55 0.00	33.57 1.73 0.00	32.28 1.80 0.00	32.69 1.90 0.00	27.77 1.62 0.00	20.54 1.15 0.00	11.53 0.68 0.00	14.59 0.87 0.00	32.46 1.92 0.00	32.36 1.95 0.00	34.73 2.06 0.00	34.53 2.02 0.00	35.33 2.13 0.00	36.01 2.22 0.00	31.20 1.82 0.00	13.85 0.81 0.00	12.53 0.73 0.00	8.95 0.53 0.00	12.83 0.77 0.00	11.99 0.70 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.28 1.26 0.00	25.84 1.10 0.00	32.10 1.38 0.00	31.32 1.32 0.00	31.89 1.33 0.00	33.31 1.46 0.00	32.03 1.55 0.00	32.44 1.65 0.00	27.57 1.42 0.00	20.40 1.01 0.00	11.46 0.60 0.00	14.49 0.76 0.00	32.22 1.68 0.00	32.08 1.67 0.00	34.46 1.80 0.00	34.26 1.76 0.00	35.07 1.87 0.00	35.72 1.94 0.00	30.99 1.61 0.00	13.76 0.71 0.00	12.44 0.65 0.00	8.88 0.46 0.00	12.73 0.67 0.00	11.90 0.62 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.49 1.47 0.00	25.99 1.26 0.00	32.37 1.65 0.00	31.56 1.56 0.00	32.14 1.57 0.00	33.60 1.76 0.00	32.32 1.83 0.00	32.75 1.96 0.00	27.82 1.67 0.00	20.59 1.19 0.00	11.56 0.70 0.00	14.62 0.89 0.00	32.52 1.98 0.00	32.62 2.03 -0.18	34.80 2.14 0.00	34.63 2.13 0.00	35.43 2.23 0.00	36.10 2.31 0.00	31.30 1.91 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.99 0.57 0.00	12.87 0.80 0.00	12.00 0.72 0.00

E179THST_13_KV_LOAD 356214	29.61 1.58 0.00	26.09 1.35 0.00	32.48 1.76 0.00	31.67 1.67 0.00	32.25 1.68 0.00	33.72 1.88 0.00	32.44 1.95 0.00	32.87 2.07 0.00	27.93 1.78 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.67 2.13 0.00	32.77 2.17 -0.18	34.96 2.30 0.00	34.79 2.29 0.00	35.59 2.39 0.00	36.27 2.48 0.00	31.44 2.05 0.00	13.96 0.91 0.00	12.61 0.82 0.00	9.03 0.61 0.00	12.92 0.85 0.00	12.04 0.76 0.00
EAST HAMPTON___GT 23717	29.10 1.07 0.00	25.32 0.58 0.00	31.51 0.79 0.00	30.70 0.70 0.00	31.30 0.73 0.00	32.95 1.10 0.00	31.94 1.45 0.00	32.11 1.32 0.00	27.21 1.06 0.00	20.07 0.68 0.00	11.31 0.45 0.00	14.40 0.68 0.00	31.79 1.25 0.00	31.59 1.17 0.00	34.32 1.66 0.00	39.65 1.99 -5.16	39.22 2.30 -3.71	36.45 2.67 0.00	34.65 1.89 -3.37	14.46 0.97 -0.44	14.08 1.12 -1.17	12.57 0.81 -3.34	13.21 1.12 -0.02	12.19 0.91 0.00
EAST RIVER___6 23660	29.56 1.53 0.00	26.07 1.34 0.00	32.44 1.72 0.00	31.65 1.65 0.00	32.24 1.67 0.00	33.71 1.86 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.60 0.74 0.00	14.68 0.95 0.00	32.64 2.10 0.00	32.62 2.10 -0.10	34.90 2.23 0.00	34.71 2.21 0.00	35.54 2.34 0.00	36.22 2.44 0.00	31.38 2.00 0.00	13.92 0.87 0.00	12.59 0.79 0.00	8.99 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
EAST RIVER___7 23524	29.56 1.53 0.00	26.07 1.34 0.00	32.44 1.72 0.00	31.65 1.65 0.00	32.24 1.67 0.00	33.71 1.86 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.60 0.74 0.00	14.68 0.95 0.00	32.64 2.10 0.00	32.62 2.10 -0.10	34.90 2.23 0.00	34.71 2.21 0.00	35.54 2.34 0.00	36.22 2.44 0.00	31.38 2.00 0.00	13.92 0.87 0.00	12.59 0.79 0.00	8.99 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.40 1.37 0.00	25.93 1.20 0.00	32.25 1.53 0.00	31.46 1.46 0.00	32.03 1.46 0.00	33.48 1.63 0.00	32.19 1.71 0.00	32.61 1.82 0.00	27.70 1.55 0.00	20.50 1.10 0.00	11.51 0.65 0.00	14.56 0.84 0.00	32.38 1.84 0.00	32.25 1.84 0.00	34.63 1.97 0.00	34.43 1.93 0.00	35.24 2.04 0.00	35.92 2.13 0.00	31.13 1.75 0.00	13.82 0.77 0.00	12.50 0.70 0.00	8.93 0.51 0.00	12.81 0.74 0.00	11.96 0.68 0.00
EAST_HAMPTON___DIESEL 23722	29.01 0.99 0.00	25.23 0.49 0.00	31.40 0.68 0.00	30.59 0.60 0.00	31.19 0.63 0.00	32.84 0.99 0.00	31.84 1.36 0.00	32.00 1.21 0.00	27.13 0.98 0.00	20.01 0.61 0.00	11.28 0.42 0.00	14.36 0.64 0.00	31.70 1.16 0.00	31.50 1.08 0.00	34.23 1.57 0.00	39.56 1.91 -5.16	39.13 2.22 -3.71	36.37 2.58 0.00	34.58 1.82 -3.37	14.44 0.94 -0.44	14.06 1.10 -1.17	12.56 0.80 -3.34	13.19 1.10 -0.02	12.16 0.88 0.00
EAST_POINT___SOLAR 323840	28.41 0.38 0.00	25.04 0.31 0.00	31.04 0.33 0.00	30.33 0.33 0.00	30.93 0.37 0.00	32.25 0.40 0.00	30.91 0.43 0.00	31.33 0.53 0.00	26.53 0.38 0.00	19.68 0.28 0.00	10.89 0.03 0.00	13.72 0.00 0.00	30.62 0.08 0.00	30.76 0.34 0.00	33.13 0.46 0.00	33.04 0.53 0.00	33.86 0.66 0.00	34.48 0.70 0.00	29.99 0.60 0.00	13.30 0.25 0.00	12.01 0.21 0.00	8.56 0.14 0.00	12.25 0.18 0.00	11.43 0.15 0.00
EAST_PULASKI___ESR 323781	27.30 -0.72 0.00	24.06 -0.68 0.00	29.86 -0.85 0.00	29.10 -0.90 0.00	29.68 -0.88 0.00	30.89 -0.96 0.00	29.53 -0.96 0.00	29.77 -1.02 0.00	25.28 -0.87 0.00	18.80 -0.60 0.00	10.54 -0.32 0.00	13.36 -0.37 0.00	29.68 -0.85 0.00	29.53 -0.89 0.00	31.70 -0.96 0.00	31.48 -1.02 0.00	32.19 -1.01 0.00	32.77 -1.01 0.00	28.49 -0.90 0.00	12.64 -0.41 0.00	11.42 -0.37 0.00	8.14 -0.28 0.00	11.67 -0.39 0.00	10.92 -0.36 0.00
EAST_RIVER___1 323558	29.53 1.51 0.00	26.05 1.32 0.00	32.41 1.70 0.00	31.62 1.62 0.00	32.20 1.64 0.00	33.67 1.83 0.00	32.40 1.91 0.00	32.84 2.04 0.00	27.88 1.73 0.00	20.64 1.25 0.00	11.59 0.72 0.00	14.66 0.94 0.00	32.60 2.06 0.00	32.59 2.06 -0.10	34.86 2.19 0.00	34.67 2.16 0.00	35.48 2.28 0.00	36.18 2.39 0.00	31.34 1.96 0.00	13.91 0.86 0.00	12.57 0.78 0.00	8.98 0.57 0.00	12.88 0.81 0.00	12.02 0.74 0.00
EAST_RIVER___2 323559	29.56 1.53 0.00	26.07 1.34 0.00	32.44 1.72 0.00	31.65 1.65 0.00	32.24 1.67 0.00	33.71 1.86 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.60 0.74 0.00	14.68 0.95 0.00	32.64 2.10 0.00	32.62 2.10 -0.10	34.90 2.23 0.00	34.71 2.21 0.00	35.54 2.34 0.00	36.22 2.44 0.00	31.38 2.00 0.00	13.92 0.87 0.00	12.59 0.79 0.00	8.99 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
EAST___DELAWARE_HYD 23607	28.86 0.83 0.00	25.46 0.72 0.00	31.62 0.90 0.00	30.86 0.86 0.00	31.44 0.87 0.00	32.83 0.99 0.00	31.60 1.12 0.00	32.03 1.24 0.00	27.23 1.07 0.00	20.16 0.77 0.00	11.31 0.45 0.00	14.30 0.58 0.00	31.80 1.26 0.00	31.67 1.26 0.00	34.02 1.35 0.00	33.81 1.31 0.00	34.67 1.46 0.00	35.31 1.52 0.00	30.63 1.25 0.00	13.60 0.55 0.00	12.29 0.50 0.00	8.77 0.35 0.00	12.57 0.50 0.00	11.74 0.46 0.00
EIGHT_POINT___WT_PWR 323820	25.57 -2.46 0.00	22.64 -2.09 0.00	27.89 -2.82 0.00	27.28 -2.72 0.00	27.96 -2.61 0.00	29.04 -2.80 0.00	27.73 -2.75 0.00	27.97 -2.82 0.00	23.89 -2.26 0.00	17.73 -1.67 0.00	9.84 -1.02 0.00	12.48 -1.24 0.00	27.97 -2.57 0.00	28.00 -2.41 0.00	30.06 -2.61 0.00	29.58 -2.92 0.00	30.25 -2.95 0.00	30.91 -2.88 0.00	26.87 -2.51 0.00	11.84 -1.21 0.00	10.71 -1.08 0.00	7.62 -0.79 0.00	10.91 -1.16 0.00	10.25 -1.03 0.00
ELBRIDGE_115KV_TB2 80188	27.60 -0.43 0.00	24.38 -0.36 0.00	30.22 -0.50 0.00	29.52 -0.48 0.00	30.09 -0.47 0.00	31.37 -0.47 0.00	30.03 -0.45 0.00	30.26 -0.53 0.00	25.66 -0.49 0.00	19.08 -0.32 0.00	10.67 -0.19 0.00	13.51 -0.22 0.00	30.01 -0.52 0.00	29.91 -0.50 0.00	32.04 -0.63 0.00	31.84 -0.66 0.00	32.54 -0.66 0.00	33.12 -0.66 0.00	28.81 -0.57 0.00	12.81 -0.23 0.00	11.58 -0.21 0.00	8.25 -0.17 0.00	11.82 -0.25 0.00	11.05 -0.23 0.00
ELEC_TRO_TEK 24086	29.59 1.56 0.00	26.05 1.32 0.00	32.41 1.70 0.00	31.61 1.61 0.00	32.19 1.62 0.00	33.71 1.87 0.00	32.42 1.93 0.00	32.76 1.97 0.00	27.82 1.67 0.00	20.58 1.18 0.00	11.58 0.72 0.00	14.67 0.94 0.00	32.49 1.96 0.00	32.40 1.99 0.00	34.77 2.10 0.00	34.61 2.11 0.00	35.42 2.22 0.00	36.21 2.43 0.00	31.25 1.87 0.00	13.90 0.85 0.00	12.60 0.81 0.00	10.31 0.60 -1.29	12.98 0.88 -0.04	12.08 0.79 0.00
ELLENBURG_WT_PWR 323604	27.63 -0.39 0.00	24.31 -0.42 0.00	30.37 -0.35 0.00	29.66 -0.34 0.00	30.13 -0.44 0.00	31.29 -0.55 0.00	29.92 -0.57 0.00	30.38 -0.41 0.00	25.82 -0.33 0.00	19.14 -0.26 0.00	10.67 -0.19 0.00	13.39 -0.34 0.00	29.79 -0.74 0.00	29.73 -0.68 0.00	32.14 -0.52 0.00	32.33 -0.17 0.00	32.99 -0.22 0.00	33.45 -0.33 0.00	29.06 -0.32 0.00	12.90 -0.15 0.00	11.64 -0.16 0.00	8.33 -0.09 0.00	11.92 -0.15 0.00	11.13 -0.15 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.56 -1.47 0.00	23.46 -1.28 0.00	28.81 -1.91 0.00	28.26 -1.74 0.00	28.95 -1.61 0.00	30.15 -1.69 0.00	28.47 -2.01 0.00	28.56 -2.23 0.00	24.15 -2.00 0.00	18.01 -1.39 0.00	10.09 -0.77 0.00	12.81 -0.91 0.00	28.53 -2.02 0.00	28.52 -1.89 0.00	30.62 -2.05 0.00	30.19 -2.31 0.00	30.81 -2.39 0.00	31.37 -2.41 0.00	27.23 -2.16 0.00	12.08 -0.97 0.00	10.91 -0.88 0.00	7.77 -0.65 0.00	11.18 -0.88 0.00	10.55 -0.73 0.00
EMPIRE_CC_1 323656	28.95 0.92 0.00	25.55 0.82 0.00	31.75 1.03 0.00	31.02 1.02 0.00	31.60 1.03 0.00	32.92 1.08 0.00	31.53 1.05 0.00	31.85 1.05 0.00	27.04 0.89 0.00	19.99 0.59 0.00	11.25 0.38 0.00	14.23 0.50 0.00	31.73 1.19 0.00	31.59 1.18 0.00	33.90 1.24 0.00	33.73 1.22 0.00	34.35 1.15 0.00	34.95 1.16 0.00	30.47 1.08 0.00	13.56 0.51 0.00	12.26 0.47 0.00	8.75 0.34 0.00	12.56 0.49 0.00	11.72 0.44 0.00
EMPIRE_CC_2 323658	28.95 0.92 0.00	25.55 0.82 0.00	31.75 1.03 0.00	31.02 1.02 0.00	31.60 1.03 0.00	32.92 1.08 0.00	31.53 1.05 0.00	31.85 1.05 0.00	27.04 0.89 0.00	19.99 0.59 0.00	11.25 0.38 0.00	14.23 0.50 0.00	31.73 1.19 0.00	31.59 1.18 0.00	33.90 1.24 0.00	33.73 1.22 0.00	34.35 1.15 0.00	34.95 1.16 0.00	30.47 1.08 0.00	13.56 0.51 0.00	12.26 0.47 0.00	8.75 0.34 0.00	12.56 0.49 0.00	11.72 0.44 0.00
ENORWICH_115KV_TB1 80156	28.40 0.37 0.00	25.00 0.26 0.00	31.02 0.30 0.00	30.36 0.36 0.00	30.98 0.42 0.00	32.15 0.31 0.00	31.04 0.55 0.00	31.38 0.58 0.00	26.97 0.82 0.00	19.92 0.52 0.00	11.13 0.27 0.00	14.01 0.28 0.00	31.16 0.62 0.00	31.23 0.81 0.00	33.54 0.88 0.00	33.07 0.57 0.00	34.66 1.46 0.00	35.27 1.48 0.00	30.19 0.80 0.00	13.27 0.22 0.00	11.96 0.16 0.00	8.49 0.07 0.00	12.14 0.07 0.00	11.32 0.04 0.00
ERIE_ST__34_KV_TB1-2 80199	26.93 -1.10 0.00	23.78 -0.95 0.00	29.23 -1.49 0.00	28.66 -1.34 0.00	29.34 -1.23 0.00	30.57 -1.28 0.00	28.89 -1.59 0.00	29.02 -1.77 0.00	24.54 -1.61 0.00	18.28 -1.11 0.00	10.24 -0.62 0.00	13.03 -0.70 0.00	29.01 -1.53 0.00	29.01 -1.40 0.00	31.13 -1.53 0.00	30.69 -1.81 0.00	31.33 -1.87 0.00	31.91 -1.87 0.00	27.69 -1.70 0.00	12.28 -0.77 0.00	11.10 -0.70 0.00	7.90 -0.52 0.00	11.36 -0.70 0.00	10.70 -0.58 0.00
ERIE_WT_PWR 323693	26.66 -1.36 0.00	23.55 -1.18 0.00	28.92 -1.79 0.00	28.37 -1.63 0.00	29.06 -1.50 0.00	30.27 -1.58 0.00	28.59 -1.89 0.00	28.69 -2.10 0.00	24.29 -1.86 0.00	18.10 -1.30 0.00	10.14 -0.72 0.00	12.88 -0.84 0.00	28.66 -1.88 0.00	28.67 -1.74 0.00	30.78 -1.88 0.00	30.35 -2.15 0.00	30.99 -2.21 0.00	31.56 -2.22 0.00	27.38 -2.00 0.00	12.14 -0.91 0.00	10.97 -0.83 0.00	7.81 -0.61 0.00	11.23 -0.83 0.00	10.60 -0.68 0.00
ESPRGFLD_115KV_TB1 80157	27.64 -0.39 0.00	24.37 -0.37 0.00	30.23 -0.49 0.00	29.53 -0.47 0.00	30.11 -0.46 0.00	31.36 -0.49 0.00	30.05 -0.44 0.00	30.37 -0.43 0.00	25.84 -0.31 0.00	19.23 -0.17 0.00	10.79 -0.07 0.00	13.63 -0.10 0.00	30.22 -0.32 0.00	30.06 -0.35 0.00	32.24 -0.43 0.00	32.03 -0.47 0.00	32.83 -0.37 0.00	33.44 -0.35 0.00	29.04 -0.35 0.00	12.88 -0.17 0.00	11.62 -0.17 0.00	8.28 -0.13 0.00	11.86 -0.21 0.00	11.09 -0.19 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.06 0.03 0.00	24.78 0.04 0.00	30.72 0.00 0.00	30.01 0.01 0.00	30.62 0.06 0.00	31.90 0.06 0.00	30.58 0.09 0.00	30.88 0.09 0.00	26.28 0.13 0.00	19.50 0.10 0.00	10.89 0.03 0.00	13.77 0.05 0.00	30.64 0.10 0.00	30.56 0.15 0.00	32.77 0.10 0.00	32.51 0.01 0.00	33.34 0.14 0.00	33.95 0.17 0.00	29.50 0.12 0.00	13.08 0.03 0.00	11.82 0.02 0.00	8.41 0.00 0.00	12.04 -0.02 0.00	11.26 -0.02 0.00
ETNA____115KV_TB2 80207	28.06 0.03 0.00	24.78 0.04 0.00	30.72 0.00 0.00	30.01 0.01 0.00	30.62 0.06 0.00	31.90 0.06 0.00	30.58 0.09 0.00	30.88 0.09 0.00	26.28 0.13 0.00	19.50 0.10 0.00	10.89 0.03 0.00	13.77 0.05 0.00	30.64 0.10 0.00	30.56 0.15 0.00	32.77 0.10 0.00	32.51 0.01 0.00	33.34 0.14 0.00	33.95 0.17 0.00	29.50 0.12 0.00	13.08 0.03 0.00	11.82 0.02 0.00	8.41 0.00 0.00	12.04 -0.02 0.00	11.26 -0.02 0.00
EUCLID___115KV_TB2 356179	27.49 -0.53 0.00	24.27 -0.47 0.00	30.09 -0.63 0.00	29.39 -0.61 0.00	29.98 -0.58 0.00	31.23 -0.62 0.00	29.87 -0.61 0.00	30.09 -0.70 0.00	25.53 -0.62 0.00	18.97 -0.43 0.00	10.62 -0.24 0.00	13.44 -0.29 0.00	29.87 -0.67 0.00	29.76 -0.65 0.00	31.93 -0.74 0.00	31.71 -0.79 0.00	32.37 -0.83 0.00	32.94 -0.84 0.00	28.69 -0.69 0.00	12.75 -0.30 0.00	11.53 -0.27 0.00	8.22 -0.20 0.00	11.78 -0.29 0.00	11.02 -0.26 0.00
E_CANADA_CAP_HY 24051	27.44 -0.59 0.00	24.17 -0.56 0.00	29.96 -0.76 0.00	29.25 -0.75 0.00	29.83 -0.74 0.00	31.07 -0.77 0.00	29.72 -0.77 0.00	30.06 -0.73 0.00	25.51 -0.64 0.00	18.99 -0.41 0.00	10.64 -0.22 0.00	13.42 -0.30 0.00	29.80 -0.74 0.00	29.68 -0.73 0.00	31.83 -0.84 0.00	31.71 -0.79 0.00	32.44 -0.76 0.00	33.03 -0.76 0.00	28.73 -0.66 0.00	12.75 -0.30 0.00	11.50 -0.29 0.00	8.20 -0.22 0.00	11.74 -0.32 0.00	10.98 -0.30 0.00
E_CANADA_MHWK_HY 24050	29.95 1.92 0.00	26.31 1.57 0.00	32.59 1.87 0.00	31.95 1.95 0.00	32.59 2.03 0.00	33.95 2.10 0.00	32.70 2.21 0.00	33.22 2.43 0.00	28.24 2.09 0.00	20.85 1.46 0.00	11.57 0.71 0.00	14.65 0.93 0.00	32.88 2.34 0.00	32.73 2.31 0.00	35.03 2.36 0.00	34.98 2.48 0.00	35.95 2.75 0.00	36.62 2.84 0.00	31.80 2.41 0.00	14.12 1.07 0.00	12.73 0.94 0.00	9.09 0.67 0.00	12.99 0.93 0.00	12.11 0.83 0.00
E_FISHKILL___LBMP 23776	29.25 1.22 0.00	25.81 1.07 0.00	32.09 1.38 0.00	31.31 1.31 0.00	31.87 1.31 0.00	33.29 1.45 0.00	32.00 1.51 0.00	32.40 1.61 0.00	27.52 1.37 0.00	20.36 0.96 0.00	11.44 0.58 0.00	14.47 0.75 0.00	32.19 1.65 0.00	32.06 1.65 0.00	34.41 1.75 0.00	34.22 1.72 0.00	35.01 1.81 0.00	35.65 1.87 0.00	30.93 1.55 0.00	13.74 0.69 0.00	12.42 0.62 0.00	8.87 0.45 0.00	12.72 0.66 0.00	11.88 0.60 0.00
FALCON___SEABRD_CC1 323796	28.00 -0.03 0.00	24.62 -0.11 0.00	30.73 0.01 0.00	30.02 0.02 0.00	30.49 -0.08 0.00	31.60 -0.24 0.00	30.26 -0.22 0.00	30.80 0.00 0.00	26.18 0.03 0.00	19.39 -0.01 0.00	10.81 -0.05 0.00	13.55 -0.17 0.00	30.16 -0.37 0.00	30.10 -0.31 0.00	32.54 -0.12 0.00	32.71 0.21 0.00	33.42 0.22 0.00	33.91 0.13 0.00	29.47 0.09 0.00	13.08 0.03 0.00	11.81 0.01 0.00	8.45 0.04 0.00	12.06 -0.01 0.00	11.25 -0.03 0.00
FALCON___SEABRD_CC2 323797	28.00 -0.03 0.00	24.62 -0.11 0.00	30.73 0.01 0.00	30.02 0.02 0.00	30.49 -0.08 0.00	31.60 -0.24 0.00	30.26 -0.22 0.00	30.80 0.00 0.00	26.18 0.03 0.00	19.39 -0.01 0.00	10.81 -0.05 0.00	13.55 -0.17 0.00	30.16 -0.37 0.00	30.10 -0.31 0.00	32.54 -0.12 0.00	32.71 0.21 0.00	33.42 0.22 0.00	33.91 0.13 0.00	29.47 0.09 0.00	13.08 0.03 0.00	11.81 0.01 0.00	8.45 0.04 0.00	12.06 -0.01 0.00	11.25 -0.03 0.00

FAR ROCKAWAY___4 23548	29.96 1.94 0.00	26.36 1.63 0.00	32.79 2.07 0.00	31.97 1.97 0.00	32.56 2.00 0.00	34.11 2.27 0.00	32.82 2.34 0.00	33.13 2.34 0.00	28.14 1.99 0.00	20.83 1.43 0.00	11.73 0.87 0.00	14.86 1.13 0.00	32.94 2.41 0.00	32.86 2.45 0.00	35.27 2.60 0.00	35.12 2.62 0.00	35.96 2.76 0.00	36.77 2.98 0.00	31.71 2.32 0.00	14.10 1.06 0.00	12.79 0.99 0.00	10.36 0.73 -1.21	13.16 1.06 -0.04	12.24 0.96 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.56 1.53 0.00	26.07 1.34 0.00	32.44 1.72 0.00	31.65 1.65 0.00	32.23 1.66 0.00	33.69 1.85 0.00	32.42 1.93 0.00	32.86 2.07 0.00	27.91 1.76 0.00	20.66 1.26 0.00	11.59 0.73 0.00	14.67 0.95 0.00	32.62 2.08 0.00	32.70 2.10 -0.18	34.89 2.22 0.00	34.69 2.19 0.00	35.51 2.31 0.00	36.21 2.43 0.00	31.37 1.98 0.00	13.92 0.87 0.00	12.58 0.79 0.00	8.99 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.58 1.55 0.00	26.08 1.35 0.00	32.46 1.74 0.00	31.67 1.67 0.00	32.25 1.68 0.00	33.72 1.87 0.00	32.43 1.95 0.00	32.88 2.08 0.00	27.92 1.77 0.00	20.66 1.27 0.00	11.60 0.74 0.00	14.67 0.95 0.00	32.63 2.09 0.00	32.70 2.10 -0.18	34.90 2.23 0.00	34.71 2.21 0.00	35.53 2.33 0.00	36.23 2.44 0.00	31.39 2.00 0.00	13.93 0.88 0.00	12.59 0.80 0.00	9.00 0.58 0.00	12.90 0.84 0.00	12.04 0.76 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.55 1.52 0.00	26.06 1.32 0.00	32.43 1.71 0.00	31.64 1.64 0.00	32.22 1.65 0.00	33.68 1.84 0.00	32.41 1.92 0.00	32.84 2.05 0.00	27.90 1.75 0.00	20.65 1.25 0.00	11.59 0.73 0.00	14.66 0.94 0.00	32.60 2.06 0.00	32.67 2.07 -0.18	34.87 2.20 0.00	34.67 2.17 0.00	35.49 2.29 0.00	36.19 2.40 0.00	31.35 1.97 0.00	13.91 0.86 0.00	12.57 0.78 0.00	8.99 0.57 0.00	12.89 0.82 0.00	12.03 0.75 0.00
FARRAGUT___LBMP 323566	29.53 1.50 0.00	26.05 1.32 0.00	32.42 1.70 0.00	31.62 1.62 0.00	32.20 1.64 0.00	33.67 1.83 0.00	32.39 1.90 0.00	32.82 2.03 0.00	27.88 1.73 0.00	20.63 1.24 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.58 2.04 0.00	32.65 2.05 -0.18	34.84 2.17 0.00	34.65 2.15 0.00	35.47 2.27 0.00	36.16 2.38 0.00	31.33 1.95 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.98 0.56 0.00	12.88 0.81 0.00	12.02 0.74 0.00
FENNER___WINDPWR 24204	28.19 0.16 0.00	24.88 0.14 0.00	30.87 0.16 0.00	30.13 0.13 0.00	30.74 0.18 0.00	32.01 0.17 0.00	30.70 0.21 0.00	31.05 0.26 0.00	26.44 0.29 0.00	19.63 0.24 0.00	10.97 0.11 0.00	13.88 0.16 0.00	30.90 0.36 0.00	30.73 0.32 0.00	32.94 0.27 0.00	32.72 0.22 0.00	33.50 0.30 0.00	34.03 0.25 0.00	29.58 0.19 0.00	13.11 0.07 0.00	11.85 0.05 0.00	8.45 0.03 0.00	12.09 0.02 0.00	11.30 0.02 0.00
FIBERTEK___ENERGY 23856	27.73 -0.29 0.00	24.48 -0.25 0.00	30.36 -0.36 0.00	29.65 -0.35 0.00	30.24 -0.32 0.00	31.50 -0.34 0.00	30.16 -0.32 0.00	30.40 -0.40 0.00	25.80 -0.35 0.00	19.17 -0.22 0.00	10.73 -0.13 0.00	13.58 -0.15 0.00	30.18 -0.36 0.00	30.07 -0.35 0.00	32.23 -0.44 0.00	32.01 -0.49 0.00	32.70 -0.50 0.00	33.29 -0.49 0.00	28.98 -0.40 0.00	12.88 -0.17 0.00	11.64 -0.15 0.00	8.29 -0.12 0.00	11.88 -0.18 0.00	11.12 -0.16 0.00
FITZPATRICK___ 23598	27.16 -0.86 0.00	23.98 -0.76 0.00	29.73 -0.98 0.00	29.05 -0.95 0.00	29.62 -0.95 0.00	30.85 -0.99 0.00	29.50 -0.99 0.00	29.70 -1.10 0.00	25.19 -0.96 0.00	18.72 -0.68 0.00	10.47 -0.38 0.00	13.26 -0.47 0.00	29.46 -1.08 0.00	29.35 -1.07 0.00	31.49 -1.18 0.00	31.29 -1.21 0.00	31.91 -1.29 0.00	32.48 -1.31 0.00	28.29 -1.10 0.00	12.58 -0.47 0.00	11.38 -0.42 0.00	8.11 -0.31 0.00	11.63 -0.43 0.00	10.88 -0.40 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.55 1.53 0.00	26.07 1.34 0.00	32.40 1.69 0.00	31.61 1.61 0.00	32.19 1.62 0.00	33.63 1.78 0.00	32.34 1.85 0.00	32.75 1.95 0.00	27.83 1.68 0.00	20.61 1.21 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.59 2.06 0.00	32.45 2.04 0.00	34.86 2.19 0.00	34.65 2.15 0.00	35.45 2.25 0.00	36.10 2.31 0.00	31.31 1.93 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.98 0.56 0.00	12.87 0.80 0.00	12.02 0.74 0.00
FORT ORANGE___ 23900	29.02 1.00 0.00	25.60 0.87 0.00	31.82 1.11 0.00	31.08 1.08 0.00	31.67 1.11 0.00	33.01 1.16 0.00	31.66 1.18 0.00	32.04 1.25 0.00	27.21 1.06 0.00	20.13 0.73 0.00	11.26 0.40 0.00	14.25 0.53 0.00	31.75 1.21 0.00	31.65 1.23 0.00	33.97 1.30 0.00	33.85 1.35 0.00	34.59 1.39 0.00	35.21 1.43 0.00	30.62 1.24 0.00	13.60 0.55 0.00	12.30 0.51 0.00	8.78 0.36 0.00	12.58 0.52 0.00	11.75 0.47 0.00
FORT_DRUM_COGEN 23780	27.09 -0.94 0.00	23.77 -0.96 0.00	29.62 -1.10 0.00	28.64 -1.36 0.00	29.18 -1.38 0.00	30.39 -1.45 0.00	29.09 -1.39 0.00	29.43 -1.36 0.00	25.03 -1.12 0.00	18.64 -0.76 0.00	10.45 -0.41 0.00	13.25 -0.47 0.00	29.45 -1.09 0.00	29.20 -1.21 0.00	31.40 -1.27 0.00	31.32 -1.18 0.00	32.36 -0.84 0.00	32.95 -0.84 0.00	28.44 -0.95 0.00	12.54 -0.51 0.00	11.32 -0.48 0.00	8.06 -0.36 0.00	11.53 -0.54 0.00	10.76 -0.53 0.00
FOX_HILLS___ESR 323835	29.63 1.61 0.00	26.21 1.47 0.00	32.59 1.88 0.00	31.80 1.80 0.00	32.38 1.81 0.00	33.85 2.00 0.00	32.55 2.06 0.00	32.85 2.06 0.00	27.91 1.76 0.00	20.64 1.24 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.56 2.02 0.00	32.63 2.04 -0.18	34.81 2.14 0.00	34.64 2.14 0.00	35.58 2.38 0.00	36.29 2.50 0.00	31.48 2.09 0.00	13.98 0.93 0.00	12.64 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.07 0.79 0.00
FPL_FAR_ROCK_GT1 24212	29.96 1.94 0.00	26.36 1.63 0.00	32.79 2.07 0.00	31.97 1.97 0.00	32.56 2.00 0.00	34.11 2.27 0.00	32.82 2.34 0.00	33.13 2.34 0.00	28.14 1.99 0.00	20.82 1.43 0.00	11.73 0.86 0.00	14.86 1.14 0.00	32.94 2.41 0.00	32.87 2.45 0.00	35.27 2.60 0.00	35.12 2.62 0.00	35.96 2.76 0.00	36.77 2.98 0.00	31.71 2.32 0.00	14.10 1.06 0.00	12.78 0.99 0.00	10.36 0.73 -1.21	13.16 1.06 -0.04	12.24 0.96 0.00
FPL_FAR_ROCK_GT2 23815	29.96 1.94 0.00	26.36 1.63 0.00	32.79 2.07 0.00	31.97 1.97 0.00	32.56 2.00 0.00	34.11 2.27 0.00	32.82 2.34 0.00	33.13 2.34 0.00	28.14 1.99 0.00	20.82 1.43 0.00	11.73 0.86 0.00	14.86 1.14 0.00	32.94 2.41 0.00	32.87 2.45 0.00	35.27 2.60 0.00	35.12 2.62 0.00	35.96 2.76 0.00	36.77 2.98 0.00	31.71 2.32 0.00	14.10 1.06 0.00	12.78 0.99 0.00	10.36 0.73 -1.21	13.16 1.06 -0.04	12.24 0.96 0.00
FRANKLIN_FALL_HYD 24054	27.97 -0.05 0.00	24.60 -0.14 0.00	30.66 -0.06 0.00	29.97 -0.03 0.00	30.47 -0.10 0.00	31.64 -0.20 0.00	30.21 -0.27 0.00	30.70 -0.09 0.00	26.11 -0.04 0.00	19.42 0.02 0.00	10.83 -0.03 0.00	13.56 -0.16 0.00	30.18 -0.35 0.00	30.10 -0.31 0.00	32.52 -0.14 0.00	32.71 0.21 0.00	33.37 0.17 0.00	33.81 0.02 0.00	29.34 -0.05 0.00	13.02 -0.03 0.00	11.75 -0.05 0.00	8.40 -0.01 0.00	12.01 -0.05 0.00	11.23 -0.05 0.00

FREEPORT_EQUS_GT1 23764	29.78 1.76 0.00	26.20 1.47 0.00	32.59 1.88 0.00	31.76 1.76 0.00	32.35 1.78 0.00	33.89 2.05 0.00	32.61 2.12 0.00	32.94 2.15 0.00	27.97 1.82 0.00	20.68 1.29 0.00	11.65 0.79 0.00	14.76 1.03 0.00	32.68 2.15 0.00	32.59 2.18 0.00	34.97 2.30 0.00	34.85 2.34 0.00	35.66 2.46 0.00	36.48 2.69 0.00	31.45 2.07 0.00	13.99 0.94 0.00	12.69 0.89 0.00	10.09 0.68 -0.99	13.08 0.99 -0.03	12.18 0.89 0.00
FREEPORT___CT2 23818	29.78 1.76 0.00	26.20 1.47 0.00	32.59 1.88 0.00	31.76 1.76 0.00	32.35 1.78 0.00	33.89 2.05 0.00	32.61 2.12 0.00	32.94 2.15 0.00	27.97 1.82 0.00	20.68 1.29 0.00	11.65 0.79 0.00	14.76 1.03 0.00	32.68 2.15 0.00	32.59 2.18 0.00	34.97 2.30 0.00	34.85 2.34 0.00	35.66 2.46 0.00	36.48 2.69 0.00	31.45 2.07 0.00	13.99 0.94 0.00	12.69 0.89 0.00	10.09 0.68 -0.99	13.08 0.99 -0.03	12.18 0.89 0.00
FRESHKLS_33_KV_LOAD 356253	29.79 1.76 0.00	26.40 1.66 0.00	32.84 2.12 0.00	32.02 2.03 0.00	32.62 2.06 0.00	34.10 2.26 0.00	32.78 2.30 0.00	32.88 2.08 0.00	27.92 1.77 0.00	20.64 1.24 0.00	11.57 0.71 0.00	14.64 0.91 0.00	32.53 1.99 0.00	32.60 2.00 -0.18	34.77 2.11 0.00	34.61 2.11 0.00	35.60 2.40 0.00	36.32 2.53 0.00	31.52 2.13 0.00	14.02 0.97 0.00	12.67 0.88 0.00	9.05 0.63 0.00	12.98 0.91 0.00	12.10 0.82 0.00
FULTON COGEN____ 23766	27.26 -0.76 0.00	24.07 -0.67 0.00	29.83 -0.89 0.00	29.14 -0.86 0.00	29.72 -0.85 0.00	30.96 -0.88 0.00	29.61 -0.88 0.00	29.84 -0.96 0.00	25.31 -0.84 0.00	18.81 -0.58 0.00	10.53 -0.33 0.00	13.33 -0.39 0.00	29.60 -0.94 0.00	29.49 -0.92 0.00	31.66 -1.00 0.00	31.43 -1.07 0.00	32.08 -1.12 0.00	32.66 -1.13 0.00	28.46 -0.93 0.00	12.65 -0.40 0.00	11.44 -0.36 0.00	8.15 -0.27 0.00	11.68 -0.38 0.00	10.93 -0.35 0.00
FULTON___LFGE 323630	28.44 0.41 0.00	25.08 0.34 0.00	31.08 0.36 0.00	30.35 0.35 0.00	30.94 0.38 0.00	32.24 0.40 0.00	30.90 0.41 0.00	31.30 0.51 0.00	26.56 0.42 0.00	19.74 0.35 0.00	11.01 0.15 0.00	13.89 0.16 0.00	30.95 0.41 0.00	30.85 0.44 0.00	33.12 0.45 0.00	33.05 0.55 0.00	33.81 0.61 0.00	34.42 0.63 0.00	29.94 0.55 0.00	13.28 0.23 0.00	11.99 0.20 0.00	8.55 0.13 0.00	12.24 0.17 0.00	11.43 0.15 0.00
G.F.CEMENT___DRP 24184	29.87 1.85 0.00	26.42 1.68 0.00	32.77 2.05 0.00	32.01 2.01 0.00	32.65 2.09 0.00	34.07 2.23 0.00	32.87 2.39 0.00	33.38 2.58 0.00	28.37 2.22 0.00	20.98 1.58 0.00	11.75 0.89 0.00	14.84 1.11 0.00	33.30 2.77 0.00	33.15 2.74 0.00	35.61 2.95 0.00	35.40 2.90 0.00	36.12 2.92 0.00	36.79 3.01 0.00	31.98 2.59 0.00	14.13 1.09 0.00	12.79 1.00 0.00	9.14 0.72 0.00	13.08 1.02 0.00	12.17 0.89 0.00
GARDENVILLE___LBMP 24039	26.53 -1.50 0.00	23.44 -1.29 0.00	28.79 -1.93 0.00	28.25 -1.75 0.00	28.94 -1.63 0.00	30.12 -1.72 0.00	28.47 -2.02 0.00	28.57 -2.22 0.00	24.18 -1.97 0.00	18.02 -1.38 0.00	10.09 -0.77 0.00	12.82 -0.90 0.00	28.55 -1.99 0.00	28.55 -1.87 0.00	30.65 -2.01 0.00	30.22 -2.28 0.00	30.84 -2.36 0.00	31.41 -2.38 0.00	27.26 -2.13 0.00	12.08 -0.96 0.00	10.92 -0.88 0.00	7.77 -0.65 0.00	11.18 -0.88 0.00	10.55 -0.73 0.00
GARDNVLA_35_KV_LD 355827	26.79 -1.24 0.00	23.67 -1.07 0.00	29.05 -1.66 0.00	28.49 -1.51 0.00	29.19 -1.38 0.00	30.39 -1.46 0.00	28.71 -1.77 0.00	28.84 -1.96 0.00	24.41 -1.75 0.00	18.19 -1.20 0.00	10.19 -0.67 0.00	12.95 -0.77 0.00	28.84 -1.70 0.00	28.84 -1.58 0.00	30.96 -1.70 0.00	30.52 -1.98 0.00	31.17 -2.04 0.00	31.74 -2.05 0.00	27.53 -1.86 0.00	12.21 -0.84 0.00	11.03 -0.76 0.00	7.85 -0.57 0.00	11.30 -0.77 0.00	10.65 -0.63 0.00
GELCKHM___115KV_LOAD 80723	27.58 -0.45 0.00	24.35 -0.39 0.00	30.19 -0.52 0.00	29.49 -0.51 0.00	30.08 -0.49 0.00	31.34 -0.51 0.00	29.98 -0.51 0.00	30.21 -0.59 0.00	25.63 -0.52 0.00	19.05 -0.35 0.00	10.66 -0.20 0.00	13.49 -0.23 0.00	30.00 -0.54 0.00	29.87 -0.54 0.00	32.04 -0.62 0.00	31.83 -0.68 0.00	32.50 -0.70 0.00	33.07 -0.71 0.00	28.80 -0.58 0.00	12.80 -0.25 0.00	11.57 -0.22 0.00	8.25 -0.17 0.00	11.82 -0.25 0.00	11.05 -0.23 0.00
GENERAL___MILLS 23808	26.67 -1.36 0.00	23.57 -1.17 0.00	28.93 -1.78 0.00	28.38 -1.62 0.00	29.08 -1.49 0.00	30.28 -1.57 0.00	28.61 -1.88 0.00	28.71 -2.08 0.00	24.30 -1.85 0.00	18.10 -1.29 0.00	10.14 -0.72 0.00	12.89 -0.83 0.00	28.69 -1.85 0.00	28.69 -1.73 0.00	30.80 -1.87 0.00	30.37 -2.13 0.00	31.00 -2.20 0.00	31.57 -2.21 0.00	27.39 -1.99 0.00	12.15 -0.90 0.00	10.97 -0.82 0.00	7.81 -0.61 0.00	11.24 -0.83 0.00	10.60 -0.68 0.00
GE_PLASTICS___DRP 24183	28.83 0.81 0.00	25.45 0.71 0.00	31.63 0.92 0.00	30.89 0.89 0.00	31.47 0.90 0.00	32.79 0.95 0.00	31.45 0.96 0.00	31.80 1.01 0.00	27.00 0.85 0.00	19.98 0.59 0.00	11.20 0.34 0.00	14.18 0.45 0.00	31.58 1.03 0.00	31.43 1.02 0.00	33.74 1.08 0.00	33.57 1.07 0.00	34.30 1.10 0.00	34.91 1.13 0.00	30.36 0.98 0.00	13.49 0.44 0.00	12.20 0.40 0.00	8.71 0.29 0.00	12.49 0.42 0.00	11.66 0.38 0.00
GILBOA___1 23756	28.68 0.65 0.00	25.34 0.60 0.00	31.57 0.85 0.00	30.82 0.82 0.00	31.40 0.83 0.00	32.63 0.78 0.00	31.30 0.82 0.00	31.66 0.86 0.00	26.89 0.74 0.00	19.91 0.51 0.00	11.16 0.30 0.00	14.13 0.40 0.00	31.44 0.90 0.00	31.29 0.88 0.00	33.58 0.91 0.00	33.38 0.88 0.00	34.14 0.94 0.00	34.74 0.96 0.00	30.20 0.82 0.00	13.41 0.36 0.00	12.12 0.33 0.00	8.66 0.24 0.00	12.41 0.34 0.00	11.60 0.32 0.00
GILBOA___2 23757	28.68 0.65 0.00	25.34 0.60 0.00	31.57 0.85 0.00	30.82 0.82 0.00	31.40 0.83 0.00	32.63 0.78 0.00	31.30 0.82 0.00	31.66 0.86 0.00	26.89 0.74 0.00	19.91 0.51 0.00	11.16 0.30 0.00	14.13 0.40 0.00	31.44 0.90 0.00	31.29 0.88 0.00	33.58 0.91 0.00	33.38 0.88 0.00	34.14 0.94 0.00	34.74 0.96 0.00	30.20 0.82 0.00	13.41 0.36 0.00	12.12 0.33 0.00	8.66 0.24 0.00	12.41 0.34 0.00	11.60 0.32 0.00
GILBOA___3 23758	28.68 0.65 0.00	25.34 0.60 0.00	31.57 0.85 0.00	30.82 0.82 0.00	31.40 0.83 0.00	32.63 0.78 0.00	31.30 0.82 0.00	31.66 0.86 0.00	26.89 0.74 0.00	19.91 0.51 0.00	11.16 0.30 0.00	14.13 0.40 0.00	31.44 0.90 0.00	31.29 0.88 0.00	33.58 0.91 0.00	33.38 0.88 0.00	34.14 0.94 0.00	34.74 0.96 0.00	30.20 0.82 0.00	13.41 0.36 0.00	12.12 0.33 0.00	8.66 0.24 0.00	12.41 0.34 0.00	11.60 0.32 0.00
GILBOA___4 23759	28.68 0.65 0.00	25.34 0.60 0.00	31.57 0.85 0.00	30.82 0.82 0.00	31.40 0.83 0.00	32.63 0.78 0.00	31.30 0.82 0.00	31.66 0.86 0.00	26.89 0.74 0.00	19.91 0.51 0.00	11.16 0.30 0.00	14.13 0.40 0.00	31.44 0.90 0.00	31.29 0.88 0.00	33.58 0.91 0.00	33.38 0.88 0.00	34.14 0.94 0.00	34.74 0.96 0.00	30.20 0.82 0.00	13.41 0.36 0.00	12.12 0.33 0.00	8.66 0.24 0.00	12.41 0.34 0.00	11.60 0.32 0.00

GILBOA____ 23599	28.68 0.65 0.00	25.34 0.60 0.00	31.57 0.85 0.00	30.82 0.82 0.00	31.40 0.83 0.00	32.63 0.78 0.00	31.30 0.82 0.00	31.66 0.86 0.00	26.89 0.74 0.00	19.91 0.51 0.00	11.17 0.30 0.00	14.13 0.40 0.00	31.44 0.90 0.00	31.29 0.88 0.00	33.58 0.91 0.00	33.38 0.88 0.00	34.14 0.94 0.00	34.74 0.96 0.00	30.21 0.82 0.00	13.41 0.36 0.00	12.12 0.33 0.00	8.66 0.24 0.00	12.41 0.34 0.00	11.60 0.32 0.00
GINNA____ 23603	26.20 -1.83 0.00	23.12 -1.62 0.00	28.53 -2.19 0.00	27.93 -2.07 0.00	28.55 -2.02 0.00	29.79 -2.06 0.00	28.33 -2.15 0.00	28.52 -2.27 0.00	24.17 -1.98 0.00	17.98 -1.42 0.00	10.06 -0.80 0.00	12.76 -0.97 0.00	28.39 -2.15 0.00	28.30 -2.11 0.00	30.40 -2.26 0.00	30.12 -2.38 0.00	30.76 -2.44 0.00	31.31 -2.47 0.00	27.21 -2.17 0.00	12.09 -0.96 0.00	10.93 -0.87 0.00	7.78 -0.64 0.00	11.16 -0.91 0.00	10.46 -0.82 0.00
GLEN PARK____ 23778	27.11 -0.91 0.00	23.79 -0.95 0.00	29.64 -1.08 0.00	28.66 -1.33 0.00	29.21 -1.35 0.00	30.43 -1.42 0.00	29.14 -1.35 0.00	29.49 -1.31 0.00	25.07 -1.08 0.00	18.66 -0.73 0.00	10.47 -0.39 0.00	13.28 -0.45 0.00	29.49 -1.05 0.00	29.24 -1.18 0.00	31.45 -1.22 0.00	31.36 -1.14 0.00	32.39 -0.81 0.00	32.98 -0.80 0.00	28.49 -0.90 0.00	12.56 -0.49 0.00	11.34 -0.45 0.00	8.08 -0.34 0.00	11.54 -0.52 0.00	10.77 -0.51 0.00
GLENDALE_27_KV_LOAD 356172	29.70 1.67 0.00	26.19 1.45 0.00	32.58 1.86 0.00	31.77 1.77 0.00	32.36 1.79 0.00	33.84 1.99 0.00	32.54 2.06 0.00	32.98 2.18 0.00	28.02 1.87 0.00	20.74 1.35 0.00	11.65 0.79 0.00	14.74 1.01 0.00	32.77 2.22 0.00	32.85 2.25 -0.18	35.06 2.39 0.00	34.86 2.36 0.00	35.71 2.51 0.00	36.39 2.60 0.00	31.53 2.15 0.00	14.00 0.95 0.00	12.65 0.86 0.00	9.04 0.62 0.00	12.95 0.89 0.00	12.08 0.80 0.00
GLENWOOD_IC_1_G5 23712	29.64 1.61 0.00	26.11 1.38 0.00	32.49 1.77 0.00	31.68 1.68 0.00	32.26 1.70 0.00	33.76 1.92 0.00	32.48 1.99 0.00	32.85 2.06 0.00	27.90 1.75 0.00	20.64 1.24 0.00	11.61 0.75 0.00	14.69 0.97 0.00	32.60 2.06 0.00	32.51 2.09 0.00	34.88 2.21 0.00	34.59 2.09 0.00	35.30 2.10 0.00	36.06 2.28 0.00	31.25 1.87 0.00	13.90 0.85 0.00	12.62 0.83 0.00	10.28 0.61 -1.25	12.99 0.89 -0.04	12.09 0.81 0.00
GLENWOOD_IC_2_G1 23688	29.53 1.51 0.00	26.03 1.29 0.00	32.38 1.66 0.00	31.58 1.58 0.00	32.16 1.59 0.00	33.63 1.79 0.00	32.35 1.87 0.00	32.74 1.94 0.00	27.80 1.65 0.00	20.57 1.17 0.00	11.56 0.70 0.00	14.63 0.91 0.00	32.49 1.95 0.00	32.38 1.97 0.00	34.76 2.09 0.00	34.57 2.07 0.00	35.37 2.17 0.00	36.09 2.31 0.00	31.23 1.85 0.00	13.88 0.83 0.00	12.56 0.77 0.00	9.04 0.57 -0.05	12.89 0.82 0.00	12.03 0.75 0.00
GLENWOOD_IC_3_G1 23689	29.53 1.51 0.00	26.03 1.29 0.00	32.38 1.66 0.00	31.58 1.58 0.00	32.16 1.59 0.00	33.63 1.79 0.00	32.35 1.87 0.00	32.74 1.94 0.00	27.80 1.65 0.00	20.57 1.17 0.00	11.56 0.70 0.00	14.63 0.91 0.00	32.49 1.95 0.00	32.38 1.97 0.00	34.76 2.09 0.00	34.57 2.07 0.00	35.37 2.17 0.00	36.09 2.31 0.00	31.23 1.85 0.00	13.88 0.83 0.00	12.56 0.77 0.00	9.04 0.57 -0.05	12.89 0.82 0.00	12.03 0.75 0.00
GLENWOOD____4 23550	29.64 1.61 0.00	26.11 1.38 0.00	32.49 1.77 0.00	31.68 1.68 0.00	32.26 1.70 0.00	33.76 1.92 0.00	32.48 1.99 0.00	32.85 2.06 0.00	27.90 1.75 0.00	20.64 1.24 0.00	11.61 0.75 0.00	14.69 0.97 0.00	32.60 2.06 0.00	32.51 2.09 0.00	34.88 2.21 0.00	34.64 2.14 0.00	35.39 2.19 0.00	36.15 2.36 0.00	31.29 1.91 0.00	13.91 0.86 0.00	12.62 0.83 0.00	10.28 0.61 -1.25	12.99 0.89 -0.04	12.09 0.81 0.00
GLENWOOD____5 23614	29.64 1.61 0.00	26.11 1.38 0.00	32.49 1.77 0.00	31.68 1.68 0.00	32.26 1.70 0.00	33.76 1.92 0.00	32.48 1.99 0.00	32.85 2.06 0.00	27.90 1.75 0.00	20.64 1.24 0.00	11.61 0.75 0.00	14.69 0.97 0.00	32.60 2.06 0.00	32.51 2.09 0.00	34.88 2.21 0.00	34.64 2.14 0.00	35.39 2.19 0.00	36.15 2.36 0.00	31.29 1.91 0.00	13.91 0.86 0.00	12.62 0.83 0.00	10.28 0.61 -1.25	12.99 0.89 -0.04	12.09 0.81 0.00
GLOBAL GREEN_PORT_GT1 23814	29.44 1.41 0.00	25.67 0.93 0.00	31.94 1.22 0.00	31.12 1.12 0.00	31.73 1.16 0.00	33.38 1.54 0.00	32.31 1.83 0.00	32.53 1.73 0.00	27.56 1.41 0.00	20.33 0.93 0.00	11.45 0.59 0.00	14.56 0.83 0.00	32.13 1.60 0.00	31.97 1.55 0.00	34.67 2.00 -5.15	39.97 2.32 -3.71	39.47 2.56 -3.71	36.73 2.94 0.00	34.91 2.15 -3.37	14.55 1.06 -0.44	14.12 1.16 -1.17	12.61 0.85 -3.34	13.28 1.20 -0.02	12.28 1.00 0.00
GLOBE____DSASP 323697	26.12 -1.91 0.00	23.07 -1.66 0.00	28.30 -2.42 0.00	27.78 -2.22 0.00	28.47 -2.09 0.00	29.65 -2.20 0.00	27.88 -2.60 0.00	27.95 -2.85 0.00	23.56 -2.59 0.00	17.58 -1.82 0.00	9.85 -1.01 0.00	12.50 -1.22 0.00	27.82 -2.72 0.00	27.81 -2.60 0.00	29.86 -2.81 0.00	29.45 -3.05 0.00	30.04 -3.16 0.00	30.58 -3.21 0.00	26.52 -2.86 0.00	11.79 -1.26 0.00	10.66 -1.14 0.00	7.59 -0.83 0.00	10.94 -1.12 0.00	10.33 -0.95 0.00
GOETHSLN____LBMP 323567	29.44 1.41 0.00	25.96 1.22 0.00	32.29 1.58 0.00	31.50 1.51 0.00	32.09 1.52 0.00	33.54 1.70 0.00	32.28 1.80 0.00	32.76 1.97 0.00	27.82 1.67 0.00	20.59 1.19 0.00	11.55 0.70 0.00	14.62 0.89 0.00	32.50 1.96 0.00	32.57 1.97 -0.18	34.75 2.08 0.00	34.56 2.06 0.00	35.37 2.17 0.00	36.07 2.29 0.00	31.24 1.86 0.00	13.86 0.81 0.00	12.53 0.73 0.00	8.95 0.54 0.00	12.84 0.78 0.00	11.99 0.71 0.00
GOLAH____69_KV_TB 1_2 80279	27.49 -0.53 0.00	24.27 -0.47 0.00	29.89 -0.82 0.00	29.29 -0.71 0.00	29.97 -0.60 0.00	31.28 -0.57 0.00	29.65 -0.83 0.00	29.81 -0.98 0.00	25.25 -0.90 0.00	18.78 -0.62 0.00	10.51 -0.35 0.00	13.33 -0.39 0.00	29.66 -0.88 0.00	29.56 -0.85 0.00	31.77 -0.89 0.00	31.47 -1.03 0.00	32.14 -1.06 0.00	32.74 -1.05 0.00	28.43 -0.96 0.00	12.63 -0.41 0.00	11.42 -0.38 0.00	8.12 -0.29 0.00	11.67 -0.39 0.00	10.96 -0.32 0.00
GOODYEAR_LAKE_HYD 323669	28.33 0.30 0.00	24.99 0.26 0.00	31.05 0.34 0.00	30.34 0.34 0.00	30.93 0.36 0.00	32.20 0.36 0.00	30.94 0.45 0.00	31.26 0.47 0.00	26.62 0.47 0.00	19.76 0.36 0.00	11.08 0.22 0.00	14.01 0.28 0.00	31.11 0.57 0.00	30.96 0.54 0.00	33.22 0.55 0.00	32.99 0.49 0.00	33.84 0.64 0.00	34.46 0.67 0.00	29.90 0.51 0.00	13.27 0.22 0.00	11.98 0.19 0.00	8.55 0.13 0.00	12.23 0.17 0.00	11.43 0.15 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.71 -0.32 0.00	24.49 -0.25 0.00	30.40 -0.32 0.00	29.71 -0.29 0.00	30.31 -0.25 0.00	31.53 -0.31 0.00	30.21 -0.27 0.00	30.48 -0.32 0.00	25.92 -0.23 0.00	19.21 -0.18 0.00	10.74 -0.12 0.00	13.62 -0.10 0.00	30.33 -0.20 0.00	30.21 -0.20 0.00	32.42 -0.24 0.00	32.11 -0.39 0.00	32.86 -0.34 0.00	33.44 -0.35 0.00	29.07 -0.31 0.00	12.89 -0.16 0.00	11.65 -0.15 0.00	8.31 -0.11 0.00	11.90 -0.17 0.00	11.14 -0.14 0.00

GOUDEY___7 23579	27.71 -0.32 0.00	24.49 -0.25 0.00	30.40 -0.32 0.00	29.71 -0.29 0.00	30.31 -0.25 0.00	31.53 -0.31 0.00	30.21 -0.27 0.00	30.48 -0.32 0.00	25.92 -0.23 0.00	19.21 -0.18 0.00	10.74 -0.12 0.00	13.62 -0.10 0.00	30.33 -0.20 0.00	30.21 -0.20 0.00	32.42 -0.24 0.00	32.11 -0.39 0.00	32.86 -0.34 0.00	33.44 -0.35 0.00	29.07 -0.31 0.00	12.89 -0.16 0.00	11.65 -0.15 0.00	8.31 -0.11 0.00	11.90 -0.17 0.00	11.14 -0.14 0.00
GOUDEY___8 23580	27.71 -0.32 0.00	24.49 -0.25 0.00	30.40 -0.32 0.00	29.71 -0.29 0.00	30.31 -0.25 0.00	31.53 -0.31 0.00	30.21 -0.27 0.00	30.48 -0.32 0.00	25.92 -0.23 0.00	19.21 -0.18 0.00	10.74 -0.12 0.00	13.62 -0.10 0.00	30.33 -0.20 0.00	30.21 -0.20 0.00	32.42 -0.24 0.00	32.11 -0.39 0.00	32.86 -0.34 0.00	33.44 -0.35 0.00	29.07 -0.31 0.00	12.89 -0.16 0.00	11.65 -0.15 0.00	8.31 -0.11 0.00	11.90 -0.17 0.00	11.14 -0.14 0.00
GOWANUS_GT1_1 24077	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT1_2 24078	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT1_3 24079	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT1_4 24080	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT1_5 24084	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT1_6 24111	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT1_7 24112	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT1_8 24113	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT2_1 24114	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT2_2 24115	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT2_3 24116	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT2_4 24117	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT2_5 24118	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00

GOWANUS_GT2_6 24119	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT2_7 24120	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT2_8 24121	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT3_1 24122	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT3_2 24123	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT3_3 24124	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT3_4 24125	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT3_5 24126	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT3_6 24127	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT3_7 24128	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT3_8 24129	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT4_1 24130	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT4_2 24131	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT4_3 24132	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT4_4 24133	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00

GOWANUS_GT4_5 24134	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT4_6 24135	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT4_7 24136	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GOWANUS_GT4_8 24137	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GREATVRV_69_KV_BK1 356245	30.09 2.06 0.00	26.42 1.69 0.00	32.90 2.18 0.00	32.04 2.05 0.00	32.65 2.08 0.00	34.27 2.43 0.00	32.95 2.47 0.00	33.27 2.48 0.00	28.21 2.06 0.00	20.85 1.46 0.00	11.74 0.88 0.00	14.88 1.15 0.00	32.84 2.30 0.00	32.79 2.38 0.00	35.25 2.58 0.00	39.11 2.81 -3.81	38.83 2.88 -2.74	36.89 3.11 0.00	34.36 2.48 -2.49	14.48 1.11 -0.33	13.70 1.07 -0.84	11.14 0.78 -1.93	13.25 1.16 -0.02	12.34 1.06 0.00
GREENBSH_115KV_TB3 55895	28.88 0.85 0.00	25.48 0.75 0.00	31.68 0.96 0.00	30.94 0.94 0.00	31.52 0.95 0.00	32.85 1.00 0.00	31.49 1.01 0.00	31.85 1.06 0.00	27.05 0.90 0.00	20.01 0.62 0.00	11.22 0.36 0.00	14.20 0.48 0.00	31.64 1.10 0.00	31.51 1.09 0.00	33.81 1.14 0.00	33.66 1.16 0.00	34.37 1.17 0.00	34.98 1.20 0.00	30.43 1.04 0.00	13.52 0.47 0.00	12.23 0.43 0.00	8.73 0.31 0.00	12.51 0.45 0.00	11.68 0.40 0.00
GREENDGE_115KV_TB5 80291	27.37 -0.65 0.00	24.21 -0.52 0.00	29.98 -0.73 0.00	29.30 -0.70 0.00	29.99 -0.58 0.00	31.17 -0.67 0.00	29.86 -0.63 0.00	30.20 -0.59 0.00	25.80 -0.35 0.00	19.08 -0.32 0.00	10.62 -0.24 0.00	13.45 -0.27 0.00	30.06 -0.48 0.00	29.97 -0.44 0.00	32.18 -0.49 0.00	31.77 -0.73 0.00	32.56 -0.64 0.00	33.20 -0.58 0.00	28.90 -0.48 0.00	12.77 -0.28 0.00	11.53 -0.26 0.00	8.21 -0.21 0.00	11.74 -0.32 0.00	11.00 -0.28 0.00
GREENIDGE___3 23582	27.37 -0.65 0.00	24.21 -0.52 0.00	29.98 -0.73 0.00	29.30 -0.70 0.00	29.99 -0.58 0.00	31.17 -0.67 0.00	29.86 -0.63 0.00	30.20 -0.59 0.00	25.80 -0.35 0.00	19.08 -0.32 0.00	10.62 -0.24 0.00	13.45 -0.27 0.00	30.06 -0.48 0.00	29.97 -0.44 0.00	32.18 -0.49 0.00	31.77 -0.73 0.00	32.56 -0.64 0.00	33.20 -0.58 0.00	28.90 -0.48 0.00	12.77 -0.28 0.00	11.53 -0.26 0.00	8.21 -0.21 0.00	11.74 -0.32 0.00	11.00 -0.28 0.00
GREENIDGE___4 23583	27.37 -0.65 0.00	24.21 -0.52 0.00	29.99 -0.73 0.00	29.31 -0.69 0.00	29.98 -0.58 0.00	31.17 -0.67 0.00	29.86 -0.62 0.00	30.20 -0.59 0.00	25.79 -0.36 0.00	19.09 -0.31 0.00	10.62 -0.24 0.00	13.45 -0.27 0.00	30.06 -0.47 0.00	29.97 -0.44 0.00	32.18 -0.48 0.00	31.77 -0.73 0.00	32.56 -0.64 0.00	33.20 -0.58 0.00	28.90 -0.48 0.00	12.77 -0.28 0.00	11.53 -0.26 0.00	8.21 -0.21 0.00	11.74 -0.32 0.00	11.00 -0.28 0.00
GREENLWN_69_KV_BK 3 55738	29.61 1.58 0.00	26.02 1.28 0.00	32.41 1.69 0.00	31.58 1.58 0.00	32.17 1.60 0.00	33.73 1.88 0.00	32.42 1.94 0.00	32.70 1.91 0.00	27.76 1.61 0.00	20.53 1.13 0.00	11.58 0.71 0.00	14.67 0.94 0.00	32.34 1.80 0.00	32.25 1.84 0.00	34.61 1.95 0.00	29.97 1.97 4.50	32.03 2.07 3.24	36.14 2.36 0.00	28.16 1.72 2.94	13.46 0.80 0.39	11.62 0.78 0.95	9.43 0.62 -0.40	13.00 0.91 -0.02	12.14 0.85 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00
GRISSOM___SOLAR 323813	28.68 0.65 0.00	25.30 0.56 0.00	31.37 0.65 0.00	30.63 0.63 0.00	31.23 0.67 0.00	32.53 0.69 0.00	31.20 0.71 0.00	31.60 0.81 0.00	26.83 0.67 0.00	19.92 0.52 0.00	11.09 0.23 0.00	13.99 0.27 0.00	31.23 0.68 0.00	31.14 0.72 0.00	33.43 0.77 0.00	33.37 0.88 0.00	34.13 0.93 0.00	34.75 0.96 0.00	30.22 0.83 0.00	13.41 0.36 0.00	12.11 0.32 0.00	8.64 0.22 0.00	12.37 0.30 0.00	11.55 0.27 0.00
GROVEVILLE___HYD 323602	29.55 1.53 0.00	26.07 1.34 0.00	32.40 1.69 0.00	31.61 1.61 0.00	32.19 1.62 0.00	33.63 1.78 0.00	32.34 1.85 0.00	32.75 1.95 0.00	27.83 1.68 0.00	20.61 1.21 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.59 2.06 0.00	32.45 2.04 0.00	34.86 2.19 0.00	34.65 2.15 0.00	35.45 2.25 0.00	36.10 2.31 0.00	31.31 1.93 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.98 0.56 0.00	12.87 0.80 0.00	12.02 0.74 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.73 -0.29 0.00	24.48 -0.25 0.00	30.36 -0.36 0.00	29.65 -0.35 0.00	30.24 -0.32 0.00	31.50 -0.34 0.00	30.16 -0.32 0.00	30.40 -0.40 0.00	25.80 -0.35 0.00	19.17 -0.22 0.00	10.73 -0.13 0.00	13.58 -0.15 0.00	30.18 -0.36 0.00	30.07 -0.35 0.00	32.23 -0.44 0.00	32.01 -0.49 0.00	32.70 -0.50 0.00	33.29 -0.49 0.00	28.98 -0.40 0.00	12.88 -0.17 0.00	11.64 -0.15 0.00	8.29 -0.12 0.00	11.88 -0.18 0.00	11.12 -0.16 0.00
HAMLTNNY_34_KV_TB 80303	27.74 -0.28 0.00	24.49 -0.24 0.00	30.34 -0.37 0.00	29.64 -0.36 0.00	30.25 -0.31 0.00	31.52 -0.33 0.00	30.17 -0.31 0.00	30.40 -0.40 0.00	25.79 -0.36 0.00	19.17 -0.22 0.00	10.73 -0.13 0.00	13.58 -0.15 0.00	30.13 -0.41 0.00	30.04 -0.37 0.00	32.15 -0.51 0.00	31.95 -0.55 0.00	32.69 -0.51 0.00	33.29 -0.50 0.00	28.96 -0.42 0.00	12.88 -0.17 0.00	11.64 -0.15 0.00	8.29 -0.13 0.00	11.87 -0.19 0.00	11.10 -0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	27.46 -0.57 0.00	24.15 -0.59 0.00	29.95 -0.76 0.00	29.11 -0.89 0.00	29.64 -0.93 0.00	30.81 -1.03 0.00	29.33 -1.15 0.00	29.68 -1.11 0.00	25.27 -0.88 0.00	18.85 -0.55 0.00	10.55 -0.31 0.00	13.29 -0.43 0.00	29.57 -0.97 0.00	29.41 -1.00 0.00	31.64 -1.02 0.00	31.56 -0.94 0.00	32.37 -0.83 0.00	32.77 -1.01 0.00	28.37 -1.02 0.00	12.51 -0.53 0.00	11.31 -0.49 0.00	8.07 -0.34 0.00	11.57 -0.49 0.00	10.84 -0.44 0.00
HARDSCRABBLE_WT_PWR 323673	29.46 1.43 0.00	25.85 1.11 0.00	32.00 1.28 0.00	31.37 1.37 0.00	32.00 1.44 0.00	33.34 1.49 0.00	32.05 1.57 0.00	32.56 1.77 0.00	27.67 1.52 0.00	20.45 1.05 0.00	11.38 0.51 0.00	14.41 0.69 0.00	32.30 1.77 0.00	32.10 1.69 0.00	34.35 1.68 0.00	34.27 1.77 0.00	35.20 2.00 0.00	35.85 2.07 0.00	31.14 1.76 0.00	13.83 0.78 0.00	12.47 0.67 0.00	8.89 0.48 0.00	12.73 0.66 0.00	11.86 0.58 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.34 1.31 0.00	25.89 1.15 0.00	32.16 1.44 0.00	31.38 1.38 0.00	31.95 1.39 0.00	33.38 1.54 0.00	32.10 1.62 0.00	32.52 1.73 0.00	27.65 1.50 0.00	20.47 1.07 0.00	11.49 0.63 0.00	14.54 0.81 0.00	32.34 1.80 0.00	32.18 1.77 0.00	34.56 1.89 0.00	34.37 1.87 0.00	35.19 1.99 0.00	35.86 2.07 0.00	31.10 1.72 0.00	13.81 0.76 0.00	12.48 0.69 0.00	8.91 0.49 0.00	12.77 0.71 0.00	11.94 0.66 0.00
HARSNRAD_115KV_TB1 81005	26.53 -1.50 0.00	23.43 -1.31 0.00	28.74 -1.98 0.00	28.22 -1.78 0.00	28.92 -1.65 0.00	30.11 -1.73 0.00	28.35 -2.13 0.00	28.36 -2.43 0.00	23.93 -2.22 0.00	17.84 -1.55 0.00	10.00 -0.86 0.00	12.68 -1.04 0.00	28.24 -2.30 0.00	28.22 -2.20 0.00	30.31 -2.35 0.00	29.93 -2.58 0.00	30.52 -2.68 0.00	31.08 -2.70 0.00	26.97 -2.42 0.00	11.98 -1.07 0.00	10.83 -0.97 0.00	7.71 -0.71 0.00	11.13 -0.94 0.00	10.51 -0.77 0.00
HARZA MOOSE___RIVER 24016	27.72 -0.30 0.00	24.44 -0.30 0.00	30.42 -0.30 0.00	29.50 -0.51 0.00	30.06 -0.51 0.00	31.34 -0.50 0.00	30.00 -0.48 0.00	30.33 -0.46 0.00	25.82 -0.33 0.00	19.19 -0.21 0.00	10.74 -0.12 0.00	13.57 -0.15 0.00	30.21 -0.33 0.00	30.02 -0.39 0.00	32.22 -0.45 0.00	32.16 -0.34 0.00	33.13 -0.07 0.00	33.70 -0.09 0.00	29.16 -0.23 0.00	12.86 -0.19 0.00	11.62 -0.18 0.00	8.29 -0.13 0.00	11.86 -0.20 0.00	11.07 -0.21 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.57 -0.46 0.00	24.34 -0.40 0.00	30.17 -0.54 0.00	29.47 -0.53 0.00	30.06 -0.51 0.00	31.31 -0.53 0.00	29.97 -0.52 0.00	30.19 -0.60 0.00	25.63 -0.52 0.00	19.04 -0.36 0.00	10.66 -0.20 0.00	13.49 -0.23 0.00	30.00 -0.54 0.00	29.87 -0.55 0.00	32.05 -0.62 0.00	31.81 -0.70 0.00	32.48 -0.72 0.00	33.06 -0.73 0.00	28.78 -0.60 0.00	12.79 -0.26 0.00	11.57 -0.23 0.00	8.24 -0.18 0.00	11.81 -0.25 0.00	11.05 -0.23 0.00
HELLGATE_13_KV_LD 55870	29.75 1.72 0.00	26.23 1.49 0.00	32.64 1.92 0.00	31.83 1.83 0.00	32.42 1.85 0.00	33.90 2.06 0.00	32.61 2.12 0.00	33.04 2.25 0.00	28.07 1.92 0.00	20.78 1.38 0.00	11.67 0.81 0.00	14.76 1.04 0.00	32.84 2.30 0.00	32.92 2.32 -0.18	35.13 2.46 0.00	34.94 2.44 0.00	35.77 2.57 0.00	36.46 2.68 0.00	31.60 2.21 0.00	14.03 0.98 0.00	12.67 0.88 0.00	9.06 0.64 0.00	12.97 0.91 0.00	12.10 0.82 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.75 1.72 0.00	26.23 1.49 0.00	32.64 1.92 0.00	31.83 1.83 0.00	32.42 1.85 0.00	33.90 2.06 0.00	32.61 2.12 0.00	33.04 2.25 0.00	28.07 1.92 0.00	20.78 1.38 0.00	11.67 0.81 0.00	14.76 1.04 0.00	32.84 2.30 0.00	32.92 2.32 -0.18	35.13 2.46 0.00	34.94 2.44 0.00	35.77 2.57 0.00	36.46 2.68 0.00	31.60 2.21 0.00	14.03 0.98 0.00	12.67 0.88 0.00	9.06 0.64 0.00	12.97 0.91 0.00	12.10 0.82 0.00
HEMPSTEAD___ 23647	29.55 1.52 0.00	26.01 1.28 0.00	32.37 1.65 0.00	31.56 1.56 0.00	32.14 1.57 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.72 1.93 0.00	27.79 1.64 0.00	20.56 1.16 0.00	11.57 0.71 0.00	14.65 0.92 0.00	32.46 1.92 0.00	32.37 1.96 0.00	34.72 2.05 0.00	34.55 2.05 0.00	35.34 2.14 0.00	36.13 2.34 0.00	31.19 1.81 0.00	13.87 0.82 0.00	12.59 0.79 0.00	10.10 0.60 -1.08	12.97 0.87 -0.03	12.07 0.78 0.00
HICKLING___1 23621	26.99 -1.04 0.00	23.88 -0.85 0.00	29.57 -1.15 0.00	28.90 -1.10 0.00	29.56 -1.00 0.00	30.71 -1.13 0.00	29.41 -1.07 0.00	29.67 -1.12 0.00	25.30 -0.85 0.00	18.73 -0.67 0.00	10.44 -0.42 0.00	13.26 -0.46 0.00	29.59 -0.95 0.00	29.52 -0.89 0.00	31.71 -0.95 0.00	31.25 -1.25 0.00	31.99 -1.21 0.00	32.57 -1.22 0.00	28.34 -1.04 0.00	12.52 -0.53 0.00	11.31 -0.48 0.00	8.07 -0.35 0.00	11.55 -0.52 0.00	10.83 -0.45 0.00
HICKLING___2 23622	26.99 -1.04 0.00	23.88 -0.85 0.00	29.57 -1.15 0.00	28.90 -1.10 0.00	29.56 -1.00 0.00	30.71 -1.13 0.00	29.41 -1.07 0.00	29.67 -1.12 0.00	25.30 -0.85 0.00	18.73 -0.67 0.00	10.44 -0.42 0.00	13.26 -0.46 0.00	29.59 -0.95 0.00	29.52 -0.89 0.00	31.71 -0.95 0.00	31.25 -1.25 0.00	31.99 -1.21 0.00	32.57 -1.22 0.00	28.34 -1.04 0.00	12.52 -0.53 0.00	11.31 -0.48 0.00	8.07 -0.35 0.00	11.55 -0.52 0.00	10.83 -0.45 0.00
HIGH FALLS___HY 23754	29.44 1.41 0.00	25.97 1.24 0.00	32.27 1.55 0.00	31.48 1.48 0.00	32.06 1.50 0.00	33.50 1.66 0.00	32.25 1.76 0.00	32.68 1.89 0.00	27.78 1.63 0.00	20.57 1.18 0.00	11.56 0.70 0.00	14.63 0.91 0.00	32.47 1.93 0.00	32.35 1.94 0.00	34.74 2.07 0.00	34.50 2.00 0.00	35.39 2.19 0.00	36.05 2.27 0.00	31.27 1.88 0.00	13.88 0.84 0.00	12.55 0.76 0.00	8.96 0.54 0.00	12.83 0.77 0.00	11.99 0.71 0.00
HIGH_RIVER___SOLAR 323847	28.61 0.59 0.00	25.24 0.50 0.00	31.30 0.59 0.00	30.57 0.57 0.00	31.16 0.60 0.00	32.47 0.63 0.00	31.13 0.64 0.00	31.49 0.70 0.00	26.70 0.55 0.00	19.81 0.41 0.00	11.02 0.16 0.00	13.90 0.18 0.00	31.05 0.51 0.00	30.93 0.51 0.00	33.13 0.46 0.00	33.21 0.71 0.00	34.02 0.82 0.00	34.63 0.85 0.00	30.12 0.73 0.00	13.37 0.32 0.00	12.08 0.28 0.00	8.61 0.20 0.00	12.34 0.27 0.00	11.52 0.24 0.00
HILLBURN___GT 23639	29.29 1.26 0.00	25.84 1.11 0.00	32.10 1.38 0.00	31.33 1.33 0.00	31.90 1.34 0.00	33.34 1.50 0.00	32.07 1.59 0.00	32.51 1.71 0.00	27.62 1.46 0.00	20.43 1.04 0.00	11.47 0.61 0.00	14.51 0.79 0.00	32.28 1.74 0.00	32.13 1.72 0.00	34.51 1.85 0.00	34.30 1.80 0.00	35.12 1.92 0.00	35.80 2.01 0.00	31.03 1.65 0.00	13.78 0.73 0.00	12.46 0.66 0.00	8.90 0.48 0.00	12.76 0.69 0.00	11.92 0.64 0.00
HILLSIDE_115KV_TB1 80332	26.88 -1.15 0.00	23.79 -0.95 0.00	29.50 -1.22 0.00	28.84 -1.16 0.00	29.47 -1.09 0.00	30.60 -1.24 0.00	29.32 -1.17 0.00	29.58 -1.21 0.00	25.20 -0.95 0.00	18.65 -0.75 0.00	10.41 -0.45 0.00	13.22 -0.50 0.00	29.48 -1.06 0.00	29.39 -1.02 0.00	31.53 -1.13 0.00	31.09 -1.41 0.00	31.85 -1.35 0.00	32.41 -1.38 0.00	28.21 -1.18 0.00	12.46 -0.59 0.00	11.27 -0.53 0.00	8.04 -0.38 0.00	11.50 -0.56 0.00	10.80 -0.48 0.00

HISHELDN_WT_PWR 323625	25.95 -2.08 0.00	22.94 -1.80 0.00	28.22 -2.50 0.00	27.66 -2.34 0.00	28.33 -2.24 0.00	29.49 -2.35 0.00	27.95 -2.54 0.00	28.11 -2.69 0.00	23.89 -2.26 0.00	17.76 -1.64 0.00	9.93 -0.93 0.00	12.61 -1.12 0.00	28.08 -2.46 0.00	28.09 -2.32 0.00	30.20 -2.46 0.00	29.77 -2.73 0.00	30.39 -2.81 0.00	31.01 -2.77 0.00	26.92 -2.46 0.00	11.92 -1.13 0.00	10.76 -1.03 0.00	7.65 -0.76 0.00	10.99 -1.07 0.00	10.36 -0.92 0.00
HOLTSVILLE_IC_1 23690	29.68 1.65 0.00	26.06 1.32 0.00	32.44 1.72 0.00	31.61 1.61 0.00	32.20 1.63 0.00	33.79 1.94 0.00	32.51 2.02 0.00	32.78 1.99 0.00	27.80 1.65 0.00	20.54 1.15 0.00	11.57 0.71 0.00	14.66 0.94 0.00	32.31 1.78 0.00	32.21 1.80 0.00	34.65 1.98 0.00	40.08 2.12 -5.45	39.31 2.18 -3.92	36.32 2.53 0.00	34.84 1.89 -3.57	14.39 0.87 -0.47	13.91 0.88 -1.23	12.45 0.68 -3.35	13.08 1.00 -0.02	12.19 0.91 0.00
HOLTSVILLE_IC_10 23699	29.80 1.77 0.00	26.16 1.42 0.00	32.56 1.84 0.00	31.71 1.71 0.00	32.31 1.74 0.00	33.92 2.08 0.00	32.64 2.15 0.00	32.91 2.11 0.00	27.91 1.76 0.00	20.63 1.23 0.00	11.62 0.76 0.00	14.72 0.99 0.00	32.44 1.90 0.00	32.35 1.94 0.00	34.80 2.13 0.00	39.23 2.30 -4.43	38.75 2.36 -3.19	36.49 2.71 0.00	34.33 2.04 -2.90	14.38 0.95 -0.38	13.75 0.95 -1.01	12.40 0.73 -3.26	13.15 1.06 -0.02	12.25 0.97 0.00
HOLTSVILLE_IC_2 23691	29.68 1.65 0.00	26.06 1.32 0.00	32.44 1.72 0.00	31.61 1.61 0.00	32.20 1.63 0.00	33.79 1.94 0.00	32.51 2.02 0.00	32.78 1.99 0.00	27.80 1.65 0.00	20.54 1.15 0.00	11.57 0.71 0.00	14.66 0.94 0.00	32.31 1.78 0.00	32.21 1.80 0.00	34.65 1.98 0.00	40.08 2.12 -5.45	39.31 2.18 -3.92	36.32 2.53 0.00	34.84 1.89 -3.57	14.39 0.87 -0.47	13.91 0.88 -1.23	12.45 0.68 -3.35	13.08 1.00 -0.02	12.19 0.91 0.00
HOLTSVILLE_IC_3 23692	29.68 1.65 0.00	26.06 1.32 0.00	32.44 1.72 0.00	31.61 1.61 0.00	32.20 1.63 0.00	33.79 1.94 0.00	32.51 2.02 0.00	32.78 1.99 0.00	27.80 1.65 0.00	20.54 1.15 0.00	11.57 0.71 0.00	14.66 0.94 0.00	32.31 1.78 0.00	32.21 1.80 0.00	34.65 1.98 0.00	40.08 2.12 -5.45	39.31 2.18 -3.92	36.32 2.53 0.00	34.84 1.89 -3.57	14.39 0.87 -0.47	13.91 0.88 -1.23	12.45 0.68 -3.35	13.08 1.00 -0.02	12.19 0.91 0.00
HOLTSVILLE_IC_4 23693	29.68 1.65 0.00	26.06 1.32 0.00	32.44 1.72 0.00	31.61 1.61 0.00	32.20 1.63 0.00	33.79 1.94 0.00	32.51 2.02 0.00	32.78 1.99 0.00	27.80 1.65 0.00	20.54 1.15 0.00	11.57 0.71 0.00	14.66 0.94 0.00	32.31 1.78 0.00	32.21 1.80 0.00	34.65 1.98 0.00	40.08 2.12 -5.45	39.31 2.18 -3.92	36.32 2.53 0.00	34.84 1.89 -3.57	14.39 0.87 -0.47	13.91 0.88 -1.23	12.45 0.68 -3.35	13.08 1.00 -0.02	12.19 0.91 0.00
HOLTSVILLE_IC_5 23694	29.68 1.65 0.00	26.06 1.32 0.00	32.44 1.72 0.00	31.61 1.61 0.00	32.20 1.63 0.00	33.79 1.94 0.00	32.51 2.02 0.00	32.78 1.99 0.00	27.80 1.65 0.00	20.54 1.15 0.00	11.57 0.71 0.00	14.66 0.94 0.00	32.31 1.78 0.00	32.21 1.80 0.00	34.65 1.98 0.00	40.08 2.12 -5.45	39.31 2.18 -3.92	36.32 2.53 0.00	34.84 1.89 -3.57	14.39 0.87 -0.47	13.91 0.88 -1.23	12.45 0.68 -3.35	13.08 1.00 -0.02	12.19 0.91 0.00
HOLTSVILLE_IC_6 23695	29.80 1.77 0.00	26.16 1.42 0.00	32.56 1.84 0.00	31.71 1.71 0.00	32.31 1.74 0.00	33.92 2.08 0.00	32.64 2.15 0.00	32.91 2.11 0.00	27.91 1.76 0.00	20.63 1.23 0.00	11.62 0.76 0.00	14.72 0.99 0.00	32.44 1.90 0.00	32.35 1.94 0.00	34.80 2.13 0.00	39.23 2.30 -4.43	38.75 2.36 -3.19	36.49 2.71 0.00	34.33 2.04 -2.90	14.38 0.95 -0.38	13.75 0.95 -1.01	12.40 0.73 -3.26	13.15 1.06 -0.02	12.25 0.97 0.00
HOLTSVILLE_IC_7 23696	29.80 1.77 0.00	26.16 1.42 0.00	32.56 1.84 0.00	31.71 1.71 0.00	32.31 1.74 0.00	33.92 2.08 0.00	32.64 2.15 0.00	32.91 2.11 0.00	27.91 1.76 0.00	20.63 1.23 0.00	11.62 0.76 0.00	14.72 0.99 0.00	32.44 1.90 0.00	32.35 1.94 0.00	34.80 2.13 0.00	39.23 2.30 -4.43	38.75 2.36 -3.19	36.49 2.71 0.00	34.33 2.04 -2.90	14.38 0.95 -0.38	13.75 0.95 -1.01	12.40 0.73 -3.26	13.15 1.06 -0.02	12.25 0.97 0.00
HOLTSVILLE_IC_8 23697	29.80 1.77 0.00	26.16 1.42 0.00	32.56 1.84 0.00	31.71 1.71 0.00	32.31 1.74 0.00	33.92 2.08 0.00	32.64 2.15 0.00	32.91 2.11 0.00	27.91 1.76 0.00	20.63 1.23 0.00	11.62 0.76 0.00	14.72 0.99 0.00	32.44 1.90 0.00	32.35 1.94 0.00	34.80 2.13 0.00	39.23 2.30 -4.43	38.75 2.36 -3.19	36.49 2.71 0.00	34.33 2.04 -2.90	14.38 0.95 -0.38	13.75 0.95 -1.01	12.40 0.73 -3.26	13.15 1.06 -0.02	12.25 0.97 0.00
HOLTSVILLE_IC_9 23698	29.80 1.77 0.00	26.16 1.42 0.00	32.56 1.84 0.00	31.71 1.71 0.00	32.31 1.74 0.00	33.92 2.08 0.00	32.64 2.15 0.00	32.91 2.11 0.00	27.91 1.76 0.00	20.63 1.23 0.00	11.62 0.76 0.00	14.72 0.99 0.00	32.44 1.90 0.00	32.35 1.94 0.00	34.80 2.13 0.00	39.23 2.30 -4.43	38.75 2.36 -3.19	36.49 2.71 0.00	34.33 2.04 -2.90	14.38 0.95 -0.38	13.75 0.95 -1.01	12.40 0.73 -3.26	13.15 1.06 -0.02	12.25 0.97 0.00
HOMER_HL_115KV_TB2 355744	26.78 -1.24 0.00	23.73 -1.01 0.00	29.30 -1.42 0.00	28.74 -1.26 0.00	29.38 -1.18 0.00	30.55 -1.29 0.00	29.02 -1.47 0.00	29.20 -1.59 0.00	24.69 -1.47 0.00	18.36 -1.04 0.00	10.26 -0.60 0.00	13.11 -0.61 0.00	29.33 -1.21 0.00	29.31 -1.11 0.00	31.43 -1.24 0.00	30.92 -1.58 0.00	31.54 -1.66 0.00	32.02 -1.76 0.00	27.86 -1.53 0.00	12.33 -0.72 0.00	11.15 -0.65 0.00	7.93 -0.48 0.00	11.38 -0.68 0.00	10.71 -0.57 0.00
HOWARD_WT_PWR 323690	25.56 -2.47 0.00	22.64 -2.09 0.00	27.92 -2.80 0.00	27.31 -2.70 0.00	27.99 -2.57 0.00	29.07 -2.77 0.00	27.75 -2.73 0.00	27.98 -2.81 0.00	23.89 -2.26 0.00	17.74 -1.66 0.00	9.84 -1.02 0.00	12.49 -1.23 0.00	28.00 -2.54 0.00	28.03 -2.38 0.00	30.07 -2.60 0.00	29.60 -2.90 0.00	30.27 -2.94 0.00	30.94 -2.85 0.00	26.91 -2.48 0.00	11.85 -1.20 0.00	10.72 -1.07 0.00	7.64 -0.78 0.00	10.92 -1.15 0.00	10.27 -1.01 0.00
HQ_GEN_CEDARS 23644	28.27 0.24 0.00	24.93 0.20 0.00	30.96 0.25 0.00	30.24 0.24 0.00	30.78 0.22 0.00	32.04 0.20 0.00	30.57 0.08 0.00	30.93 0.13 0.00	26.28 0.14 0.00	19.54 0.15 0.00	10.92 0.06 0.00	13.74 0.02 0.00	30.58 0.04 0.00	30.48 0.06 0.00	32.82 0.16 0.00	32.74 0.24 0.00	33.42 0.21 0.00	33.93 0.14 0.00	29.48 0.10 0.00	13.07 0.02 0.00	11.81 0.02 0.00	8.43 0.01 0.00	12.08 0.01 0.00	11.31 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	28.27 0.24 0.00	24.93 0.19 0.00	30.97 0.25 0.00	30.24 0.24 0.00	30.78 0.22 0.00	32.04 0.20 0.00	30.32 0.08 0.24	30.93 0.13 0.00	26.28 0.14 0.00	19.54 0.15 0.00	10.92 0.06 0.00	13.74 0.02 0.00	30.58 0.04 0.00	30.48 0.06 0.00	32.83 0.16 0.00	32.74 0.23 0.00	33.42 0.22 0.00	33.93 0.15 0.00	29.48 0.10 0.00	13.07 0.02 0.00	11.81 0.02 0.00	8.43 0.01 0.00	12.08 0.01 0.00	11.31 0.03 0.00

HQ_GEN_IMPORT 323601	27.94 -0.09 0.00	24.64 -0.10 0.00	30.61 -0.11 0.00	29.90 -0.10 0.00	30.45 -0.12 0.00	31.72 -0.13 0.00	30.33 -0.15 0.00	30.66 -0.13 0.00	26.05 -0.10 0.00	19.33 -0.07 0.00	10.81 -0.05 0.00	13.64 -0.08 0.00	30.34 -0.20 0.00	30.23 -0.18 0.00	32.52 -0.15 0.00	32.41 -0.09 0.00	33.10 -0.10 0.00	33.66 -0.12 0.00	29.28 -0.11 0.00	12.99 -0.06 0.00	11.74 -0.06 0.00	8.38 -0.04 0.00	12.00 -0.06 0.00	11.22 -0.05 0.00
HQ_GEN_WHEEL 23651	27.94 -0.09 0.00	24.64 -0.10 0.00	30.61 -0.11 0.00	29.90 -0.10 0.00	30.45 -0.12 0.00	31.72 -0.13 0.00	30.33 -0.15 0.00	30.66 -0.13 0.00	26.05 -0.10 0.00	19.33 -0.07 0.00	10.81 -0.05 0.00	13.64 -0.08 0.00	30.34 -0.20 0.00	30.23 -0.18 0.00	32.52 -0.15 0.00	32.41 -0.09 0.00	33.10 -0.10 0.00	33.66 -0.12 0.00	29.28 -0.11 0.00	12.99 -0.06 0.00	11.74 -0.06 0.00	8.38 -0.04 0.00	12.00 -0.06 0.00	11.22 -0.05 0.00
HUDSON AVE_GT_3 23810	29.53 1.50 0.00	26.05 1.32 0.00	32.42 1.70 0.00	31.62 1.62 0.00	32.20 1.64 0.00	33.67 1.83 0.00	32.39 1.90 0.00	32.82 2.03 0.00	27.88 1.73 0.00	20.63 1.24 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.58 2.04 0.00	32.65 2.05 -0.18	34.84 2.17 0.00	34.65 2.15 0.00	35.47 2.27 0.00	36.16 2.38 0.00	31.33 1.95 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.99 0.57 0.00	12.90 0.84 0.00	12.04 0.76 0.00
HUDSON AVE_GT_4 23540	29.53 1.50 0.00	26.05 1.32 0.00	32.42 1.70 0.00	31.62 1.62 0.00	32.20 1.64 0.00	33.67 1.83 0.00	32.39 1.90 0.00	32.82 2.03 0.00	27.88 1.73 0.00	20.63 1.24 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.58 2.04 0.00	32.65 2.05 -0.18	34.84 2.17 0.00	34.65 2.15 0.00	35.47 2.27 0.00	36.16 2.38 0.00	31.33 1.95 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.99 0.57 0.00	12.90 0.84 0.00	12.04 0.76 0.00
HUDSON AVE_GT_5 23657	29.53 1.50 0.00	26.05 1.32 0.00	32.42 1.70 0.00	31.62 1.62 0.00	32.20 1.64 0.00	33.67 1.83 0.00	32.39 1.90 0.00	32.82 2.03 0.00	27.88 1.73 0.00	20.63 1.24 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.58 2.04 0.00	32.65 2.05 -0.18	34.84 2.17 0.00	34.65 2.15 0.00	35.47 2.27 0.00	36.16 2.38 0.00	31.33 1.95 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.99 0.57 0.00	12.90 0.84 0.00	12.04 0.76 0.00
HUDSON_AVE_10 24168	29.44 1.41 0.00	25.96 1.23 0.00	32.32 1.60 0.00	31.52 1.52 0.00	32.09 1.52 0.00	33.55 1.71 0.00	32.29 1.81 0.00	32.80 2.01 0.00	27.83 1.69 0.00	20.60 1.21 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.57 2.04 0.00	32.64 2.04 -0.18	34.80 2.13 0.00	34.61 2.11 0.00	35.45 2.25 0.00	36.15 2.36 0.00	31.30 1.92 0.00	13.89 0.84 0.00	12.56 0.76 0.00	8.97 0.56 0.00	12.87 0.80 0.00	12.00 0.72 0.00
HUDSON___115KV_TB 4 355613	29.36 1.34 0.00	25.91 1.17 0.00	32.18 1.46 0.00	31.44 1.44 0.00	32.05 1.48 0.00	33.40 1.56 0.00	32.07 1.59 0.00	32.49 1.70 0.00	27.60 1.45 0.00	20.43 1.03 0.00	11.37 0.51 0.00	14.39 0.67 0.00	32.06 1.52 0.00	32.02 1.61 0.00	34.41 1.74 0.00	34.36 1.86 0.00	35.15 1.95 0.00	35.78 2.00 0.00	31.11 1.72 0.00	13.81 0.76 0.00	12.49 0.70 0.00	8.91 0.49 0.00	12.76 0.69 0.00	11.91 0.63 0.00
HUNTER MOUNT___DRP 323613	29.45 1.42 0.00	25.98 1.25 0.00	32.27 1.56 0.00	31.53 1.53 0.00	32.16 1.59 0.00	33.51 1.67 0.00	32.18 1.69 0.00	32.63 1.83 0.00	27.72 1.58 0.00	20.54 1.14 0.00	11.44 0.58 0.00	14.48 0.75 0.00	32.27 1.73 0.00	32.20 1.79 0.00	34.60 1.93 0.00	34.56 2.06 0.00	35.35 2.15 0.00	35.97 2.18 0.00	31.27 1.89 0.00	13.88 0.84 0.00	12.55 0.75 0.00	8.95 0.54 0.00	12.82 0.76 0.00	11.96 0.67 0.00
HUNTINGTON_RES_REC 323705	29.65 1.62 0.00	26.04 1.31 0.00	32.43 1.72 0.00	31.59 1.59 0.00	32.19 1.62 0.00	33.76 1.92 0.00	32.48 1.99 0.00	32.75 1.96 0.00	27.79 1.64 0.00	20.54 1.15 0.00	11.58 0.72 0.00	14.67 0.95 0.00	32.33 1.79 0.00	32.26 1.85 0.00	34.65 1.98 0.00	33.37 2.07 1.20	34.50 2.17 0.87	36.26 2.48 0.00	30.43 1.83 0.79	13.79 0.85 0.10	12.54 0.84 0.10	8.67 0.66 0.41	13.06 0.97 -0.02	12.18 0.90 0.00
HUNTLEY___63 23557	26.62 -1.41 0.00	23.51 -1.23 0.00	28.83 -1.88 0.00	28.30 -1.70 0.00	29.01 -1.55 0.00	30.20 -1.64 0.00	28.45 -2.03 0.00	28.52 -2.28 0.00	24.08 -2.07 0.00	17.95 -1.44 0.00	10.07 -0.79 0.00	12.78 -0.94 0.00	28.44 -2.10 0.00	28.43 -1.98 0.00	30.52 -2.14 0.00	30.12 -2.38 0.00	30.72 -2.48 0.00	31.29 -2.50 0.00	27.13 -2.25 0.00	12.05 -0.99 0.00	10.89 -0.90 0.00	7.75 -0.66 0.00	11.18 -0.89 0.00	10.55 -0.73 0.00
HUNTLEY___64 23558	26.62 -1.41 0.00	23.51 -1.23 0.00	28.83 -1.88 0.00	28.30 -1.70 0.00	29.01 -1.55 0.00	30.20 -1.64 0.00	28.45 -2.03 0.00	28.52 -2.28 0.00	24.08 -2.07 0.00	17.95 -1.44 0.00	10.07 -0.79 0.00	12.78 -0.94 0.00	28.44 -2.10 0.00	28.43 -1.98 0.00	30.52 -2.14 0.00	30.12 -2.38 0.00	30.72 -2.48 0.00	31.29 -2.50 0.00	27.13 -2.25 0.00	12.05 -0.99 0.00	10.89 -0.90 0.00	7.75 -0.66 0.00	11.18 -0.89 0.00	10.55 -0.73 0.00
HUNTLEY___65 23559	26.62 -1.41 0.00	23.51 -1.23 0.00	28.83 -1.88 0.00	28.30 -1.70 0.00	29.01 -1.55 0.00	30.20 -1.64 0.00	28.45 -2.03 0.00	28.52 -2.28 0.00	24.08 -2.07 0.00	17.95 -1.44 0.00	10.07 -0.79 0.00	12.78 -0.94 0.00	28.44 -2.10 0.00	28.43 -1.98 0.00	30.52 -2.14 0.00	30.12 -2.38 0.00	30.72 -2.48 0.00	31.29 -2.50 0.00	27.13 -2.25 0.00	12.05 -0.99 0.00	10.89 -0.90 0.00	7.75 -0.66 0.00	11.18 -0.89 0.00	10.55 -0.73 0.00
HUNTLEY___66 23560	26.62 -1.41 0.00	23.51 -1.23 0.00	28.83 -1.88 0.00	28.30 -1.70 0.00	29.01 -1.55 0.00	30.20 -1.64 0.00	28.45 -2.03 0.00	28.52 -2.28 0.00	24.08 -2.07 0.00	17.95 -1.44 0.00	10.07 -0.79 0.00	12.78 -0.94 0.00	28.44 -2.10 0.00	28.43 -1.98 0.00	30.52 -2.14 0.00	30.12 -2.38 0.00	30.72 -2.48 0.00	31.29 -2.50 0.00	27.13 -2.25 0.00	12.05 -0.99 0.00	10.89 -0.90 0.00	7.75 -0.66 0.00	11.18 -0.89 0.00	10.55 -0.73 0.00
HUNTLEY___67 23561	26.47 -1.56 0.00	23.39 -1.35 0.00	28.71 -2.01 0.00	28.17 -1.83 0.00	28.86 -1.70 0.00	30.04 -1.80 0.00	28.35 -2.13 0.00	28.43 -2.36 0.00	24.02 -2.13 0.00	17.91 -1.49 0.00	10.04 -0.82 0.00	12.75 -0.98 0.00	28.36 -2.18 0.00	28.35 -2.06 0.00	30.44 -2.22 0.00	30.02 -2.48 0.00	30.64 -2.56 0.00	31.20 -2.59 0.00	27.07 -2.32 0.00	12.02 -1.03 0.00	10.86 -0.94 0.00	7.73 -0.69 0.00	11.13 -0.93 0.00	10.51 -0.78 0.00
HUNTLEY___68 23562	26.47 -1.56 0.00	23.39 -1.35 0.00	28.71 -2.01 0.00	28.17 -1.83 0.00	28.86 -1.70 0.00	30.04 -1.80 0.00	28.35 -2.13 0.00	28.43 -2.36 0.00	24.02 -2.13 0.00	17.91 -1.49 0.00	10.04 -0.82 0.00	12.75 -0.98 0.00	28.36 -2.18 0.00	28.35 -2.06 0.00	30.44 -2.22 0.00	30.02 -2.48 0.00	30.64 -2.56 0.00	31.20 -2.59 0.00	27.07 -2.32 0.00	12.02 -1.03 0.00	10.86 -0.94 0.00	7.73 -0.69 0.00	11.13 -0.93 0.00	10.51 -0.78 0.00

HYLAND___LFGE 323620	27.99 -0.04 0.00	24.71 -0.03 0.00	30.44 -0.27 0.00	29.79 -0.21 0.00	30.51 -0.05 0.00	31.84 -0.01 0.00	30.32 -0.16 0.00	30.63 -0.16 0.00	26.06 -0.09 0.00	19.30 -0.10 0.00	10.71 -0.15 0.00	13.56 -0.17 0.00	30.20 -0.34 0.00	30.13 -0.28 0.00	32.39 -0.27 0.00	32.12 -0.38 0.00	32.93 -0.27 0.00	33.69 -0.10 0.00	29.34 -0.04 0.00	13.02 -0.03 0.00	11.76 -0.03 0.00	8.35 -0.06 0.00	11.97 -0.10 0.00	11.21 -0.07 0.00
INDECK___CORINTH 23802	29.75 1.72 0.00	26.35 1.61 0.00	32.69 1.97 0.00	31.93 1.93 0.00	32.56 1.99 0.00	33.97 2.13 0.00	32.76 2.28 0.00	33.25 2.46 0.00	28.26 2.11 0.00	20.92 1.52 0.00	11.72 0.86 0.00	14.80 1.08 0.00	33.19 2.65 0.00	33.01 2.60 0.00	35.45 2.78 0.00	35.24 2.74 0.00	35.95 2.75 0.00	36.61 2.83 0.00	31.82 2.43 0.00	14.07 1.02 0.00	12.74 0.95 0.00	9.11 0.69 0.00	13.03 0.97 0.00	12.13 0.84 0.00
INDECK___ILION 23567	28.88 0.86 0.00	25.42 0.69 0.00	31.53 0.81 0.00	30.85 0.85 0.00	31.45 0.88 0.00	32.76 0.92 0.00	31.45 0.97 0.00	31.87 1.08 0.00	27.08 0.93 0.00	20.05 0.65 0.00	11.19 0.33 0.00	14.16 0.43 0.00	31.63 1.09 0.00	31.47 1.06 0.00	33.73 1.07 0.00	33.60 1.10 0.00	34.43 1.22 0.00	35.05 1.27 0.00	30.46 1.08 0.00	13.53 0.48 0.00	12.21 0.42 0.00	8.71 0.29 0.00	12.48 0.41 0.00	11.65 0.37 0.00
INDECK___OLEAN 23982	26.78 -1.24 0.00	23.73 -1.01 0.00	29.30 -1.42 0.00	28.74 -1.26 0.00	29.38 -1.18 0.00	30.55 -1.29 0.00	29.02 -1.47 0.00	29.20 -1.59 0.00	24.68 -1.47 0.00	18.36 -1.03 0.00	10.26 -0.60 0.00	13.11 -0.61 0.00	29.33 -1.21 0.00	29.31 -1.11 0.00	31.43 -1.24 0.00	30.92 -1.58 0.00	31.54 -1.66 0.00	32.02 -1.76 0.00	27.86 -1.53 0.00	12.33 -0.72 0.00	11.15 -0.65 0.00	7.93 -0.48 0.00	11.38 -0.68 0.00	10.71 -0.57 0.00
INDECK___OSWEGO 23783	27.23 -0.80 0.00	24.03 -0.71 0.00	29.81 -0.90 0.00	29.10 -0.90 0.00	29.68 -0.89 0.00	30.90 -0.94 0.00	29.56 -0.93 0.00	29.77 -1.03 0.00	25.26 -0.90 0.00	18.77 -0.63 0.00	10.51 -0.35 0.00	13.30 -0.42 0.00	29.57 -0.97 0.00	29.44 -0.97 0.00	31.60 -1.07 0.00	31.38 -1.12 0.00	32.03 -1.17 0.00	32.60 -1.18 0.00	28.40 -0.99 0.00	12.62 -0.43 0.00	11.41 -0.38 0.00	8.13 -0.29 0.00	11.66 -0.41 0.00	10.91 -0.37 0.00
INDECK___YERKES 23781	26.64 -1.39 0.00	23.52 -1.22 0.00	28.86 -1.85 0.00	28.32 -1.68 0.00	29.02 -1.54 0.00	30.22 -1.62 0.00	28.47 -2.01 0.00	28.54 -2.26 0.00	24.10 -2.05 0.00	17.97 -1.43 0.00	10.07 -0.79 0.00	12.79 -0.94 0.00	28.45 -2.09 0.00	28.45 -1.97 0.00	30.54 -2.13 0.00	30.13 -2.37 0.00	30.74 -2.46 0.00	31.30 -2.48 0.00	27.15 -2.23 0.00	12.06 -0.99 0.00	10.90 -0.90 0.00	7.76 -0.66 0.00	11.19 -0.88 0.00	10.56 -0.73 0.00
INDIAN POINT_GT_1 24139	29.32 1.29 0.00	25.86 1.12 0.00	32.15 1.43 0.00	31.36 1.37 0.00	31.93 1.37 0.00	33.37 1.53 0.00	32.10 1.61 0.00	32.51 1.71 0.00	27.62 1.47 0.00	20.43 1.03 0.00	11.47 0.61 0.00	14.51 0.79 0.00	32.27 1.73 0.00	32.14 1.73 0.00	34.51 1.85 0.00	34.32 1.81 0.00	35.12 1.92 0.00	35.80 2.01 0.00	31.03 1.65 0.00	13.78 0.73 0.00	12.46 0.66 0.00	8.90 0.48 0.00	12.76 0.69 0.00	11.92 0.64 0.00
INDIAN POINT_GT_2 23659	29.32 1.29 0.00	25.86 1.12 0.00	32.15 1.43 0.00	31.36 1.37 0.00	31.93 1.37 0.00	33.37 1.53 0.00	32.10 1.61 0.00	32.51 1.71 0.00	27.62 1.47 0.00	20.43 1.03 0.00	11.47 0.61 0.00	14.51 0.79 0.00	32.27 1.73 0.00	32.14 1.73 0.00	34.51 1.85 0.00	34.32 1.81 0.00	35.12 1.92 0.00	35.80 2.01 0.00	31.03 1.65 0.00	13.78 0.73 0.00	12.46 0.66 0.00	8.90 0.48 0.00	12.76 0.69 0.00	11.92 0.64 0.00
INDIAN POINT_GT_3 24019	29.32 1.29 0.00	25.86 1.12 0.00	32.15 1.43 0.00	31.36 1.37 0.00	31.93 1.37 0.00	33.37 1.53 0.00	32.10 1.61 0.00	32.51 1.71 0.00	27.62 1.47 0.00	20.43 1.03 0.00	11.47 0.61 0.00	14.51 0.79 0.00	32.27 1.73 0.00	32.14 1.73 0.00	34.51 1.85 0.00	34.32 1.81 0.00	35.12 1.92 0.00	35.80 2.01 0.00	31.03 1.65 0.00	13.78 0.73 0.00	12.46 0.66 0.00	8.90 0.48 0.00	12.76 0.69 0.00	11.92 0.64 0.00
INDIAN POINT___2 23530	29.28 1.25 0.00	25.83 1.10 0.00	32.11 1.39 0.00	31.32 1.32 0.00	31.90 1.33 0.00	33.34 1.49 0.00	32.05 1.57 0.00	32.47 1.68 0.00	27.59 1.44 0.00	20.41 1.01 0.00	11.46 0.60 0.00	14.49 0.77 0.00	32.23 1.69 0.00	32.10 1.68 0.00	34.47 1.80 0.00	34.27 1.76 0.00	35.07 1.88 0.00	35.74 1.96 0.00	30.99 1.61 0.00	13.76 0.71 0.00	12.44 0.65 0.00	8.89 0.47 0.00	12.75 0.68 0.00	11.91 0.63 0.00
INDIAN POINT___3 23531	29.29 1.27 0.00	25.85 1.11 0.00	32.13 1.41 0.00	31.35 1.35 0.00	31.92 1.36 0.00	33.35 1.51 0.00	32.07 1.59 0.00	32.49 1.70 0.00	27.60 1.45 0.00	20.42 1.02 0.00	11.46 0.60 0.00	14.50 0.78 0.00	32.25 1.72 0.00	32.12 1.71 0.00	34.49 1.82 0.00	34.29 1.80 0.00	35.10 1.90 0.00	35.77 1.98 0.00	31.01 1.62 0.00	13.77 0.72 0.00	12.45 0.65 0.00	8.89 0.47 0.00	12.75 0.69 0.00	11.91 0.63 0.00
INGHAM_C_115KV_TB7 356103	29.95 1.92 0.00	26.31 1.57 0.00	32.59 1.87 0.00	31.95 1.95 0.00	32.59 2.03 0.00	33.95 2.10 0.00	32.70 2.21 0.00	33.22 2.43 0.00	28.24 2.09 0.00	20.85 1.46 0.00	11.57 0.71 0.00	14.65 0.93 0.00	32.88 2.34 0.00	32.73 2.31 0.00	35.03 2.36 0.00	34.98 2.49 0.00	35.95 2.75 0.00	36.63 2.84 0.00	31.80 2.42 0.00	14.12 1.07 0.00	12.73 0.94 0.00	9.09 0.67 0.00	12.99 0.93 0.00	12.11 0.83 0.00
IP CORINTH___1 23988	29.78 1.75 0.00	26.35 1.61 0.00	32.68 1.97 0.00	31.93 1.93 0.00	32.56 1.99 0.00	33.97 2.13 0.00	32.76 2.28 0.00	33.25 2.46 0.00	28.26 2.11 0.00	20.92 1.52 0.00	11.72 0.86 0.00	14.80 1.08 0.00	33.19 2.65 0.00	33.01 2.60 0.00	35.45 2.79 0.00	35.24 2.74 0.00	35.95 2.75 0.00	36.62 2.83 0.00	31.82 2.43 0.00	14.07 1.03 0.00	12.74 0.95 0.00	9.11 0.69 0.00	13.03 0.97 0.00	12.13 0.85 0.00
IP___TICONDEROGA 23804	30.72 2.70 0.00	27.13 2.39 0.00	33.56 2.84 0.00	32.81 2.81 0.00	33.48 2.91 0.00	35.00 3.15 0.00	34.15 3.66 0.00	34.86 4.07 0.00	29.64 3.49 0.00	21.76 2.37 0.00	12.13 1.27 0.00	15.32 1.60 0.00	34.68 4.14 0.00	34.72 4.30 0.00	37.44 4.77 0.00	37.22 4.72 0.00	37.96 4.76 0.00	38.76 4.97 0.00	33.66 4.28 0.00	14.76 1.72 0.00	13.34 1.55 0.00	9.54 1.12 0.00	13.63 1.56 0.00	12.61 1.33 0.00
ISLIP_RES_REC 323679	29.89 1.86 0.00	26.23 1.50 0.00	32.65 1.93 0.00	31.80 1.80 0.00	32.40 1.84 0.00	34.02 2.18 0.00	32.75 2.26 0.00	33.03 2.23 0.00	27.99 1.85 0.00	20.69 1.29 0.00	11.65 0.79 0.00	14.76 1.03 0.00	32.52 1.99 0.00	32.45 2.04 0.00	34.93 2.26 0.00	39.23 2.44 -4.29	38.80 2.51 -3.09	36.63 2.85 0.00	34.37 2.17 -2.81	14.42 1.00 -0.37	13.76 1.00 -0.97	12.16 0.76 -2.98	13.20 1.11 -0.02	12.29 1.01 0.00

JAMAICA__27_KV_LOAD 355505	29.38 1.35 0.00	25.91 1.18 0.00	32.30 1.58 0.00	31.48 1.48 0.00	31.95 1.39 0.00	33.42 1.58 0.00	32.25 1.77 0.00	33.08 2.29 0.00	27.98 1.83 0.00	20.70 1.30 0.00	11.65 0.79 0.00	14.76 1.04 0.00	32.94 2.40 0.00	32.97 2.37 -0.18	34.96 2.30 0.00	34.83 2.33 0.00	35.81 2.61 0.00	36.51 2.72 0.00	31.56 2.17 0.00	14.01 0.96 0.00	12.65 0.85 0.00	9.05 0.63 0.00	13.01 0.95 0.00	12.07 0.79 0.00
JANIS__SOLAR 323808	28.30 0.28 0.00	24.95 0.22 0.00	30.94 0.23 0.00	30.26 0.26 0.00	30.88 0.32 0.00	32.13 0.29 0.00	30.89 0.40 0.00	31.22 0.42 0.00	26.70 0.55 0.00	19.77 0.37 0.00	11.02 0.16 0.00	13.89 0.16 0.00	30.86 0.32 0.00	30.93 0.51 0.00	33.15 0.49 0.00	32.85 0.36 0.00	34.05 0.85 0.00	34.68 0.89 0.00	29.94 0.55 0.00	13.22 0.17 0.00	11.93 0.14 0.00	8.48 0.06 0.00	12.13 0.06 0.00	11.33 0.05 0.00
JARVIS____ 23743	28.14 0.11 0.00	24.83 0.10 0.00	30.84 0.13 0.00	30.12 0.12 0.00	30.69 0.12 0.00	31.97 0.13 0.00	30.61 0.12 0.00	30.92 0.12 0.00	26.26 0.11 0.00	19.50 0.10 0.00	10.91 0.05 0.00	13.79 0.07 0.00	30.72 0.18 0.00	30.58 0.16 0.00	32.83 0.16 0.00	32.66 0.16 0.00	33.35 0.15 0.00	33.95 0.17 0.00	29.52 0.14 0.00	13.11 0.06 0.00	11.84 0.05 0.00	8.46 0.04 0.00	12.12 0.06 0.00	11.34 0.05 0.00
JENNISON____1 23625	27.97 -0.05 0.00	24.49 -0.24 0.00	30.61 -0.11 0.00	29.84 -0.16 0.00	30.42 -0.14 0.00	31.58 -0.26 0.00	30.58 0.10 0.00	30.84 0.05 0.00	26.39 0.24 0.00	19.53 0.13 0.00	10.89 0.03 0.00	13.76 0.04 0.00	30.68 0.13 0.00	30.61 0.20 0.00	32.84 0.17 0.00	32.55 0.05 0.00	33.98 0.78 0.00	34.53 0.75 0.00	29.53 0.14 0.00	13.09 0.04 0.00	11.80 0.01 0.00	8.41 -0.01 0.00	12.03 -0.04 0.00	11.21 -0.07 0.00
JENNISON____2 23626	27.97 -0.05 0.00	24.49 -0.24 0.00	30.61 -0.11 0.00	29.84 -0.16 0.00	30.42 -0.14 0.00	31.58 -0.26 0.00	30.58 0.10 0.00	30.84 0.05 0.00	26.39 0.24 0.00	19.53 0.13 0.00	10.89 0.03 0.00	13.76 0.04 0.00	30.68 0.13 0.00	30.61 0.20 0.00	32.84 0.17 0.00	32.55 0.05 0.00	33.98 0.78 0.00	34.53 0.75 0.00	29.53 0.14 0.00	13.09 0.04 0.00	11.80 0.01 0.00	8.41 -0.01 0.00	12.03 -0.04 0.00	11.21 -0.07 0.00
JERICOHO_RISE_WT_PWR 323719	27.60 -0.43 0.00	24.27 -0.46 0.00	30.32 -0.40 0.00	29.61 -0.39 0.00	30.09 -0.48 0.00	31.25 -0.59 0.00	29.86 -0.62 0.00	30.35 -0.45 0.00	25.78 -0.37 0.00	19.11 -0.28 0.00	10.66 -0.20 0.00	13.36 -0.36 0.00	29.74 -0.79 0.00	29.68 -0.72 0.00	32.09 -0.57 0.00	32.31 -0.19 0.00	32.95 -0.25 0.00	33.42 -0.37 0.00	29.03 -0.36 0.00	12.88 -0.17 0.00	11.63 -0.17 0.00	8.32 -0.10 0.00	11.90 -0.17 0.00	11.11 -0.17 0.00
KATONAH__115KV_46KV_TB4 355592	29.48 1.45 0.00	26.00 1.27 0.00	32.32 1.61 0.00	31.54 1.54 0.00	32.11 1.55 0.00	33.57 1.72 0.00	32.28 1.79 0.00	32.70 1.90 0.00	27.78 1.63 0.00	20.57 1.17 0.00	11.56 0.70 0.00	14.62 0.90 0.00	32.52 1.98 0.00	32.39 1.98 0.00	34.77 2.10 0.00	34.55 2.05 0.00	35.37 2.17 0.00	36.03 2.25 0.00	31.24 1.86 0.00	13.87 0.82 0.00	12.54 0.75 0.00	8.96 0.54 0.00	12.84 0.78 0.00	12.00 0.71 0.00
KCE_NY_1 323755	29.53 1.51 0.00	26.08 1.35 0.00	32.41 1.70 0.00	31.63 1.62 0.00	32.24 1.67 0.00	33.62 1.78 0.00	32.33 1.85 0.00	32.78 1.99 0.00	27.83 1.68 0.00	20.59 1.19 0.00	11.54 0.67 0.00	14.58 0.86 0.00	32.61 2.07 0.00	32.47 2.05 0.00	34.88 2.21 0.00	34.66 2.16 0.00	35.43 2.23 0.00	36.03 2.24 0.00	31.32 1.93 0.00	13.88 0.83 0.00	12.55 0.76 0.00	8.96 0.55 0.00	12.83 0.77 0.00	11.98 0.69 0.00
KCE_NY_6_ESR 323823	26.66 -1.36 0.00	23.55 -1.18 0.00	28.92 -1.79 0.00	28.37 -1.63 0.00	29.06 -1.50 0.00	30.27 -1.58 0.00	28.59 -1.89 0.00	28.69 -2.10 0.00	24.29 -1.86 0.00	18.10 -1.30 0.00	10.14 -0.72 0.00	12.88 -0.84 0.00	28.66 -1.88 0.00	28.67 -1.74 0.00	30.78 -1.88 0.00	30.35 -2.15 0.00	30.99 -2.21 0.00	31.56 -2.22 0.00	27.38 -2.00 0.00	12.14 -0.91 0.00	10.97 -0.83 0.00	7.81 -0.61 0.00	11.23 -0.83 0.00	10.60 -0.68 0.00
KEDC_PORT_JEFF_GT2 24210	29.73 1.70 0.00	26.09 1.35 0.00	32.47 1.76 0.00	31.64 1.64 0.00	32.23 1.66 0.00	33.83 1.99 0.00	32.55 2.07 0.00	32.81 2.02 0.00	27.82 1.67 0.00	20.57 1.18 0.00	11.59 0.73 0.00	14.68 0.96 0.00	32.33 1.79 0.00	32.21 1.80 0.00	34.65 1.99 0.00	38.85 2.13 -4.21	38.43 2.20 -3.04	36.33 2.54 0.00	34.04 1.90 -2.76	14.29 0.88 -0.36	13.67 0.91 -0.97	12.66 0.70 -3.54	13.11 1.03 -0.02	12.22 0.93 0.00
KEDC_PORT_JEFF_GT3 24211	29.73 1.70 0.00	26.09 1.35 0.00	32.47 1.76 0.00	31.64 1.64 0.00	32.23 1.66 0.00	33.83 1.99 0.00	32.55 2.07 0.00	32.81 2.02 0.00	27.82 1.67 0.00	20.57 1.18 0.00	11.59 0.73 0.00	14.68 0.96 0.00	32.33 1.79 0.00	32.21 1.80 0.00	34.65 1.99 0.00	38.85 2.13 -4.21	38.43 2.20 -3.04	36.33 2.54 0.00	34.04 1.90 -2.76	14.29 0.88 -0.36	13.67 0.91 -0.97	12.66 0.70 -3.54	13.11 1.03 -0.02	12.22 0.93 0.00
KEDC_GLWD_GT4 24219	29.64 1.61 0.00	26.11 1.38 0.00	32.48 1.77 0.00	31.68 1.68 0.00	32.26 1.70 0.00	33.76 1.91 0.00	32.48 1.99 0.00	32.85 2.06 0.00	27.90 1.75 0.00	20.64 1.24 0.00	11.61 0.74 0.00	14.69 0.97 0.00	32.60 2.06 0.00	32.51 2.09 0.00	34.88 2.21 0.00	34.59 2.09 0.00	35.30 2.10 0.00	36.06 2.28 0.00	31.25 1.87 0.00	13.90 0.85 0.00	12.62 0.83 0.00	10.28 0.61 -1.25	12.99 0.89 -0.04	12.09 0.81 0.00
KEDC_GLWD_GT5 24220	29.64 1.61 0.00	26.11 1.38 0.00	32.48 1.77 0.00	31.68 1.68 0.00	32.26 1.70 0.00	33.76 1.91 0.00	32.48 1.99 0.00	32.85 2.06 0.00	27.90 1.75 0.00	20.64 1.24 0.00	11.61 0.74 0.00	14.69 0.97 0.00	32.60 2.06 0.00	32.51 2.09 0.00	34.88 2.21 0.00	34.59 2.09 0.00	35.30 2.10 0.00	36.06 2.28 0.00	31.25 1.87 0.00	13.90 0.85 0.00	12.62 0.83 0.00	10.28 0.61 -1.25	12.99 0.89 -0.04	12.09 0.81 0.00
KENSICO____ 23655	29.40 1.37 0.00	25.93 1.20 0.00	32.25 1.53 0.00	31.46 1.46 0.00	32.03 1.46 0.00	33.48 1.63 0.00	32.19 1.71 0.00	32.61 1.82 0.00	27.70 1.55 0.00	20.50 1.10 0.00	11.51 0.65 0.00	14.56 0.84 0.00	32.38 1.84 0.00	32.25 1.84 0.00	34.63 1.97 0.00	34.43 1.93 0.00	35.24 2.04 0.00	35.92 2.13 0.00	31.13 1.75 0.00	13.82 0.77 0.00	12.50 0.70 0.00	8.93 0.51 0.00	12.81 0.74 0.00	11.96 0.68 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.42 1.40 0.00	25.95 1.22 0.00	32.25 1.53 0.00	31.47 1.47 0.00	32.05 1.49 0.00	33.48 1.63 0.00	32.22 1.73 0.00	32.66 1.87 0.00	27.76 1.61 0.00	20.55 1.16 0.00	11.54 0.68 0.00	14.60 0.88 0.00	32.44 1.90 0.00	32.31 1.90 0.00	34.70 2.03 0.00	34.49 1.99 0.00	35.37 2.17 0.00	36.03 2.24 0.00	31.25 1.87 0.00	13.87 0.82 0.00	12.54 0.75 0.00	8.95 0.53 0.00	12.83 0.76 0.00	11.98 0.70 0.00

KIAC_JFK_GT1 23816	29.21 1.19 0.00	25.78 1.04 0.00	32.13 1.41 0.00	31.30 1.31 0.00	31.78 1.22 0.00	33.24 1.39 0.00	32.08 1.59 0.00	32.90 2.11 0.00	27.82 1.67 0.00	20.59 1.19 0.00	11.59 0.74 0.00	14.69 0.96 0.00	32.77 2.23 0.00	32.80 2.20 -0.18	34.78 2.11 0.00	34.65 2.15 0.00	35.61 2.40 0.00	36.29 2.51 0.00	31.37 1.98 0.00	13.93 0.89 0.00	12.57 0.78 0.00	9.00 0.59 0.00	12.95 0.88 0.00	12.00 0.72 0.00
KIAC_JFK_GT2 23817	29.21 1.19 0.00	25.78 1.04 0.00	32.13 1.41 0.00	31.30 1.31 0.00	31.78 1.22 0.00	33.24 1.39 0.00	32.08 1.59 0.00	32.90 2.11 0.00	27.82 1.67 0.00	20.59 1.19 0.00	11.59 0.74 0.00	14.69 0.96 0.00	32.77 2.23 0.00	32.80 2.20 -0.18	34.78 2.11 0.00	34.65 2.15 0.00	35.61 2.40 0.00	36.29 2.51 0.00	31.37 1.98 0.00	13.93 0.89 0.00	12.57 0.78 0.00	9.00 0.59 0.00	12.95 0.88 0.00	12.00 0.72 0.00
KIAC_JFK____ 323774	29.21 1.19 0.00	25.78 1.04 0.00	32.13 1.41 0.00	31.30 1.30 0.00	31.78 1.22 0.00	33.24 1.39 0.00	32.08 1.59 0.00	32.90 2.11 0.00	27.83 1.67 0.00	20.59 1.19 0.00	11.59 0.74 0.00	14.69 0.96 0.00	32.77 2.23 0.00	32.80 2.20 -0.19	34.77 2.11 0.00	34.64 2.14 0.00	35.60 2.40 0.00	36.29 2.51 0.00	31.37 1.98 0.00	13.93 0.89 0.00	12.57 0.78 0.00	9.00 0.58 0.00	12.95 0.88 0.00	12.00 0.72 0.00
KINTIGH__24_KV_GSU 356498	26.69 -1.34 0.00	23.58 -1.16 0.00	29.00 -1.71 0.00	28.45 -1.55 0.00	29.12 -1.45 0.00	30.33 -1.51 0.00	28.66 -1.82 0.00	28.77 -2.02 0.00	24.30 -1.85 0.00	18.11 -1.28 0.00	10.14 -0.72 0.00	12.88 -0.85 0.00	28.66 -1.88 0.00	28.62 -1.79 0.00	30.73 -1.94 0.00	30.33 -2.17 0.00	30.97 -2.23 0.00	31.52 -2.26 0.00	27.37 -2.02 0.00	12.16 -0.89 0.00	10.99 -0.81 0.00	7.82 -0.60 0.00	11.26 -0.80 0.00	10.60 -0.68 0.00
KINTIGH____ 23543	26.67 -1.36 0.00	23.57 -1.17 0.00	28.99 -1.73 0.00	28.43 -1.57 0.00	29.10 -1.47 0.00	30.30 -1.54 0.00	28.63 -1.85 0.00	28.75 -2.05 0.00	24.29 -1.86 0.00	18.10 -1.30 0.00	10.14 -0.72 0.00	12.86 -0.86 0.00	28.64 -1.90 0.00	28.60 -1.81 0.00	30.70 -1.97 0.00	30.32 -2.18 0.00	30.94 -2.26 0.00	31.50 -2.29 0.00	27.35 -2.04 0.00	12.15 -0.90 0.00	10.98 -0.82 0.00	7.82 -0.60 0.00	11.25 -0.81 0.00	10.59 -0.69 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.04 0.02 0.00	24.66 -0.08 0.00	30.76 0.04 0.00	30.06 0.05 0.00	30.53 -0.04 0.00	31.67 -0.17 0.00	30.32 -0.16 0.00	30.87 0.07 0.00	26.24 0.09 0.00	19.45 0.05 0.00	10.85 -0.01 0.00	13.60 -0.12 0.00	30.22 -0.32 0.00	30.17 -0.24 0.00	32.67 0.01 0.00	32.82 0.32 0.00	33.54 0.34 0.00	34.05 0.26 0.00	29.57 0.19 0.00	13.12 0.08 0.00	11.84 0.05 0.00	8.48 0.06 0.00	12.10 0.03 0.00	11.29 0.00 0.00
LACHUTE____HYDRO 323717	30.72 2.70 0.00	27.13 2.39 0.00	33.56 2.84 0.00	32.81 2.81 0.00	33.48 2.91 0.00	35.00 3.16 0.00	34.15 3.66 0.00	34.86 4.07 0.00	29.64 3.49 0.00	21.76 2.36 0.00	12.13 1.27 0.00	15.32 1.60 0.00	34.68 4.14 0.00	34.72 4.30 0.00	37.44 4.77 0.00	37.22 4.72 0.00	37.96 4.76 0.00	38.76 4.98 0.00	33.66 4.28 0.00	14.76 1.72 0.00	13.34 1.55 0.00	9.54 1.12 0.00	13.63 1.56 0.00	12.61 1.33 0.00
LAWRNCAY_115KV_TB1 80681	28.04 0.01 0.00	24.71 -0.02 0.00	30.66 -0.06 0.00	29.96 -0.04 0.00	30.49 -0.08 0.00	31.65 -0.19 0.00	30.08 -0.40 0.00	30.46 -0.33 0.00	25.92 -0.23 0.00	19.35 -0.05 0.00	10.81 -0.05 0.00	13.58 -0.14 0.00	30.21 -0.33 0.00	30.10 -0.31 0.00	32.44 -0.23 0.00	32.30 -0.20 0.00	32.93 -0.27 0.00	33.34 -0.44 0.00	28.95 -0.44 0.00	12.82 -0.22 0.00	11.58 -0.21 0.00	8.28 -0.14 0.00	11.86 -0.20 0.00	11.14 -0.14 0.00
LEDERLE____ 23769	29.40 1.37 0.00	25.94 1.21 0.00	32.23 1.52 0.00	31.45 1.45 0.00	32.03 1.46 0.00	33.47 1.63 0.00	32.21 1.72 0.00	32.63 1.84 0.00	27.72 1.57 0.00	20.51 1.12 0.00	11.51 0.65 0.00	14.56 0.84 0.00	32.39 1.85 0.00	32.25 1.84 0.00	34.65 1.98 0.00	34.43 1.93 0.00	35.27 2.07 0.00	35.94 2.16 0.00	31.16 1.78 0.00	13.84 0.79 0.00	12.51 0.71 0.00	8.93 0.52 0.00	12.81 0.74 0.00	11.96 0.68 0.00
LIGHTHSE_115KV_TB6 355974	27.26 -0.76 0.00	24.02 -0.72 0.00	29.83 -0.89 0.00	29.04 -0.96 0.00	29.62 -0.95 0.00	30.81 -1.03 0.00	29.44 -1.04 0.00	29.70 -1.10 0.00	25.21 -0.94 0.00	18.76 -0.64 0.00	10.52 -0.34 0.00	13.34 -0.38 0.00	29.64 -0.89 0.00	29.48 -0.93 0.00	31.65 -1.01 0.00	31.44 -1.06 0.00	32.17 -1.03 0.00	32.74 -1.04 0.00	28.44 -0.94 0.00	12.61 -0.44 0.00	11.40 -0.40 0.00	8.12 -0.29 0.00	11.65 -0.42 0.00	10.90 -0.38 0.00
LINDEN COGEN____ 23786	29.42 1.39 0.00	25.95 1.22 0.00	32.28 1.57 0.00	31.50 1.50 0.00	32.08 1.51 0.00	33.53 1.69 0.00	32.26 1.78 0.00	32.75 1.95 0.00	27.81 1.66 0.00	20.58 1.19 0.00	11.55 0.69 0.00	14.61 0.89 0.00	32.49 1.95 0.00	32.56 1.96 -0.18	34.74 2.08 0.00	34.55 2.05 0.00	35.35 2.15 0.00	36.06 2.27 0.00	31.24 1.85 0.00	13.85 0.81 0.00	12.53 0.73 0.00	8.95 0.53 0.00	12.84 0.77 0.00	11.99 0.71 0.00
LINDHRST_69_KV_BK1 356055	29.97 1.95 0.00	26.36 1.63 0.00	32.79 2.07 0.00	31.95 1.95 0.00	32.55 1.99 0.00	34.13 2.29 0.00	32.83 2.34 0.00	33.16 2.37 0.00	28.14 1.99 0.00	20.81 1.41 0.00	11.72 0.85 0.00	14.84 1.12 0.00	32.81 2.28 0.00	32.75 2.33 0.00	35.20 2.53 0.00	36.15 2.64 -1.01	36.67 2.74 -0.73	36.77 2.98 0.00	32.36 2.31 -0.66	14.18 1.05 -0.09	13.01 1.00 -0.22	10.17 0.75 -1.00	13.19 1.10 -0.03	12.27 0.99 0.00
LIPA_MISC_IPP 23656	29.73 1.70 0.00	26.08 1.35 0.00	32.47 1.75 0.00	31.62 1.62 0.00	32.22 1.65 0.00	33.83 1.99 0.00	32.58 2.09 0.00	32.85 2.05 0.00	27.84 1.69 0.00	20.56 1.16 0.00	11.57 0.71 0.00	14.66 0.94 0.00	32.34 1.80 0.00	32.23 1.82 0.00	34.74 2.07 0.00	40.00 2.27 -5.24	39.29 2.32 -3.77	36.49 2.70 0.00	34.84 2.03 -3.43	14.44 0.94 -0.45	13.94 0.96 -1.18	12.50 0.73 -3.35	13.15 1.06 -0.02	12.24 0.96 0.00
LISF____SOLAR 323691	29.79 1.77 0.00	26.14 1.40 0.00	32.53 1.81 0.00	31.69 1.69 0.00	32.28 1.72 0.00	33.90 2.06 0.00	32.65 2.16 0.00	32.92 2.12 0.00	27.89 1.74 0.00	20.58 1.19 0.00	11.58 0.72 0.00	14.68 0.95 0.00	32.37 1.83 0.00	32.27 1.86 0.00	34.79 2.13 0.00	39.90 2.34 -5.06	39.24 2.40 -3.64	36.57 2.78 0.00	34.79 2.10 -3.31	14.46 0.98 -0.44	13.93 0.99 -1.15	12.50 0.75 -3.33	13.18 1.09 -0.02	12.27 0.98 0.00
LITTLE FALLS____HYD 24013	29.95 1.92 0.00	26.31 1.57 0.00	32.59 1.87 0.00	31.95 1.95 0.00	32.59 2.03 0.00	33.95 2.10 0.00	32.70 2.21 0.00	33.22 2.43 0.00	28.24 2.09 0.00	20.85 1.46 0.00	11.57 0.71 0.00	14.65 0.93 0.00	32.88 2.34 0.00	32.73 2.31 0.00	35.03 2.36 0.00	34.98 2.49 0.00	35.95 2.75 0.00	36.63 2.84 0.00	31.80 2.42 0.00	14.12 1.07 0.00	12.73 0.94 0.00	9.09 0.67 0.00	12.99 0.93 0.00	12.11 0.83 0.00

LITTLRIV_115KV_TB1 356100	28.32 0.29 0.00	24.98 0.24 0.00	30.98 0.27 0.00	30.28 0.28 0.00	30.81 0.25 0.00	31.99 0.15 0.00	30.40 -0.09 0.00	30.79 0.00 0.00	26.21 0.06 0.00	19.56 0.17 0.00	10.92 0.06 0.00	13.68 -0.04 0.00	30.43 -0.11 0.00	30.31 -0.10 0.00	32.73 0.07 0.00	32.63 0.13 0.00	33.29 0.09 0.00	33.71 -0.08 0.00	29.27 -0.12 0.00	12.97 -0.08 0.00	11.70 -0.09 0.00	8.36 -0.05 0.00	11.98 -0.08 0.00	11.24 -0.04 0.00
LI_NEWBRDGE___DRP 323616	29.49 1.47 0.00	25.95 1.22 0.00	32.30 1.59 0.00	31.49 1.50 0.00	32.08 1.51 0.00	33.60 1.76 0.00	32.31 1.82 0.00	32.64 1.84 0.00	27.71 1.56 0.00	20.49 1.10 0.00	11.54 0.68 0.00	14.61 0.89 0.00	32.33 1.79 0.00	32.25 1.84 0.00	34.60 1.94 0.00	34.46 1.97 0.00	35.26 2.06 0.00	36.09 2.30 0.00	31.11 1.73 0.00	13.84 0.79 0.00	12.56 0.76 0.00	9.65 0.59 -0.65	12.93 0.85 -0.02	12.05 0.77 0.00
LOCKPORT_115KV_TB60_63_64 80432	26.57 -1.45 0.00	23.46 -1.28 0.00	28.77 -1.95 0.00	28.26 -1.74 0.00	28.96 -1.61 0.00	30.15 -1.69 0.00	28.38 -2.10 0.00	28.38 -2.42 0.00	23.94 -2.21 0.00	17.85 -1.54 0.00	10.01 -0.85 0.00	12.69 -1.03 0.00	28.25 -2.29 0.00	28.23 -2.19 0.00	30.32 -2.34 0.00	29.95 -2.55 0.00	30.54 -2.66 0.00	31.10 -2.68 0.00	26.98 -2.41 0.00	11.99 -1.05 0.00	10.84 -0.95 0.00	7.71 -0.71 0.00	11.14 -0.92 0.00	10.53 -0.76 0.00
LOCKPORT___CC1 323769	26.53 -1.50 0.00	23.43 -1.30 0.00	28.74 -1.98 0.00	28.22 -1.78 0.00	28.91 -1.65 0.00	30.11 -1.73 0.00	28.35 -2.13 0.00	28.37 -2.43 0.00	23.93 -2.22 0.00	17.84 -1.55 0.00	10.00 -0.86 0.00	12.68 -1.04 0.00	28.24 -2.31 0.00	28.22 -2.20 0.00	30.31 -2.35 0.00	29.92 -2.58 0.00	30.52 -2.68 0.00	31.08 -2.70 0.00	26.96 -2.43 0.00	11.98 -1.07 0.00	10.83 -0.97 0.00	7.71 -0.71 0.00	11.13 -0.94 0.00	10.51 -0.77 0.00
LOCKPORT___CC2 323770	26.53 -1.50 0.00	23.43 -1.30 0.00	28.74 -1.98 0.00	28.22 -1.78 0.00	28.91 -1.65 0.00	30.11 -1.73 0.00	28.35 -2.13 0.00	28.37 -2.43 0.00	23.93 -2.22 0.00	17.84 -1.55 0.00	10.00 -0.86 0.00	12.68 -1.04 0.00	28.24 -2.31 0.00	28.22 -2.20 0.00	30.31 -2.35 0.00	29.92 -2.58 0.00	30.52 -2.68 0.00	31.08 -2.70 0.00	26.96 -2.43 0.00	11.98 -1.07 0.00	10.83 -0.97 0.00	7.71 -0.71 0.00	11.13 -0.94 0.00	10.51 -0.77 0.00
LOCKPORT___CC3 323771	26.53 -1.50 0.00	23.43 -1.30 0.00	28.74 -1.98 0.00	28.22 -1.78 0.00	28.91 -1.65 0.00	30.11 -1.73 0.00	28.35 -2.13 0.00	28.37 -2.43 0.00	23.93 -2.22 0.00	17.84 -1.55 0.00	10.00 -0.86 0.00	12.68 -1.04 0.00	28.24 -2.31 0.00	28.22 -2.20 0.00	30.31 -2.35 0.00	29.92 -2.58 0.00	30.52 -2.68 0.00	31.08 -2.70 0.00	26.96 -2.43 0.00	11.98 -1.07 0.00	10.83 -0.97 0.00	7.71 -0.71 0.00	11.13 -0.94 0.00	10.51 -0.77 0.00
LOCUSVLY_69_KV_BK2 55797	29.72 1.69 0.00	26.16 1.43 0.00	32.55 1.83 0.00	31.73 1.73 0.00	32.32 1.76 0.00	33.85 2.00 0.00	32.56 2.08 0.00	32.91 2.12 0.00	27.95 1.80 0.00	20.68 1.28 0.00	11.64 0.78 0.00	14.73 1.01 0.00	32.64 2.10 0.00	32.56 2.14 0.00	34.94 2.27 0.00	33.59 2.23 1.14	34.68 2.30 0.82	36.30 2.51 0.00	30.60 1.96 0.74	13.85 0.89 0.10	12.41 0.86 0.24	10.17 0.65 -1.11	13.04 0.94 -0.03	12.15 0.86 0.00
LONG_LAKE_PHOENIX 24014	27.26 -0.76 0.00	24.07 -0.67 0.00	29.83 -0.89 0.00	29.14 -0.86 0.00	29.72 -0.85 0.00	30.96 -0.88 0.00	29.61 -0.88 0.00	29.84 -0.96 0.00	25.31 -0.84 0.00	18.81 -0.58 0.00	10.53 -0.33 0.00	13.33 -0.39 0.00	29.60 -0.94 0.00	29.49 -0.92 0.00	31.66 -1.00 0.00	31.43 -1.07 0.00	32.08 -1.12 0.00	32.66 -1.13 0.00	28.46 -0.93 0.00	12.65 -0.40 0.00	11.44 -0.36 0.00	8.15 -0.27 0.00	11.68 -0.38 0.00	10.93 -0.35 0.00
LOVETT___3 23632	29.27 1.25 0.00	25.83 1.10 0.00	32.10 1.39 0.00	31.32 1.32 0.00	31.90 1.33 0.00	33.33 1.49 0.00	32.06 1.57 0.00	32.47 1.68 0.00	27.58 1.43 0.00	20.41 1.01 0.00	11.46 0.60 0.00	14.49 0.77 0.00	32.23 1.69 0.00	32.10 1.69 0.00	34.47 1.81 0.00	34.27 1.77 0.00	35.08 1.88 0.00	35.74 1.96 0.00	30.99 1.61 0.00	13.76 0.71 0.00	12.44 0.65 0.00	8.89 0.47 0.00	12.75 0.68 0.00	11.91 0.63 0.00
LOVETT___4 23642	29.27 1.25 0.00	25.83 1.10 0.00	32.10 1.39 0.00	31.32 1.32 0.00	31.90 1.33 0.00	33.33 1.49 0.00	32.06 1.57 0.00	32.47 1.68 0.00	27.58 1.43 0.00	20.41 1.01 0.00	11.46 0.60 0.00	14.49 0.77 0.00	32.23 1.69 0.00	32.10 1.69 0.00	34.47 1.81 0.00	34.27 1.77 0.00	35.08 1.88 0.00	35.74 1.96 0.00	30.99 1.61 0.00	13.76 0.71 0.00	12.44 0.65 0.00	8.89 0.47 0.00	12.75 0.68 0.00	11.91 0.63 0.00
LOVETT___5 23593	29.27 1.25 0.00	25.83 1.10 0.00	32.10 1.39 0.00	31.32 1.32 0.00	31.90 1.33 0.00	33.33 1.49 0.00	32.06 1.57 0.00	32.47 1.68 0.00	27.58 1.43 0.00	20.41 1.01 0.00	11.46 0.60 0.00	14.49 0.77 0.00	32.23 1.69 0.00	32.10 1.69 0.00	34.47 1.81 0.00	34.27 1.77 0.00	35.08 1.88 0.00	35.74 1.96 0.00	30.99 1.61 0.00	13.76 0.71 0.00	12.44 0.65 0.00	8.89 0.47 0.00	12.75 0.68 0.00	11.91 0.63 0.00
LOWER RAQUET___HYD 24057	27.96 -0.07 0.00	24.64 -0.10 0.00	30.55 -0.16 0.00	29.86 -0.13 0.00	30.39 -0.17 0.00	31.53 -0.31 0.00	29.93 -0.55 0.00	30.30 -0.49 0.00	25.80 -0.36 0.00	19.28 -0.11 0.00	10.77 -0.09 0.00	13.53 -0.19 0.00	30.09 -0.45 0.00	29.98 -0.43 0.00	32.31 -0.35 0.00	32.16 -0.34 0.00	32.77 -0.43 0.00	33.16 -0.63 0.00	28.77 -0.61 0.00	12.74 -0.30 0.00	11.51 -0.28 0.00	8.22 -0.19 0.00	11.80 -0.27 0.00	11.08 -0.20 0.00
LOWER___HUDSON 24059	29.16 1.13 0.00	25.74 1.00 0.00	31.96 1.25 0.00	31.23 1.24 0.00	31.83 1.27 0.00	33.17 1.33 0.00	31.83 1.35 0.00	32.24 1.44 0.00	27.36 1.21 0.00	20.21 0.82 0.00	11.34 0.48 0.00	14.35 0.62 0.00	32.03 1.49 0.00	31.89 1.48 0.00	34.23 1.56 0.00	34.05 1.55 0.00	34.78 1.57 0.00	35.40 1.62 0.00	30.80 1.41 0.00	13.67 0.62 0.00	12.36 0.57 0.00	8.83 0.41 0.00	12.65 0.59 0.00	11.81 0.52 0.00
LOWVILLE_115KV_TB2 356335	27.22 -0.81 0.00	23.99 -0.75 0.00	29.90 -0.82 0.00	28.89 -1.11 0.00	29.42 -1.15 0.00	30.69 -1.16 0.00	29.33 -1.16 0.00	29.63 -1.16 0.00	25.24 -0.91 0.00	18.76 -0.63 0.00	10.51 -0.35 0.00	13.27 -0.46 0.00	29.54 -1.00 0.00	29.36 -1.05 0.00	31.53 -1.14 0.00	31.54 -0.96 0.00	32.67 -0.53 0.00	33.21 -0.57 0.00	28.64 -0.75 0.00	12.57 -0.48 0.00	11.36 -0.43 0.00	8.11 -0.31 0.00	11.61 -0.46 0.00	10.84 -0.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.52 1.49 0.00	26.08 1.34 0.00	32.38 1.66 0.00	31.62 1.62 0.00	32.24 1.67 0.00	33.62 1.77 0.00	32.31 1.83 0.00	32.74 1.95 0.00	27.80 1.65 0.00	20.57 1.18 0.00	11.53 0.67 0.00	14.57 0.85 0.00	32.59 2.05 0.00	32.44 2.03 0.00	34.83 2.17 0.00	34.63 2.14 0.00	35.38 2.18 0.00	36.00 2.21 0.00	31.30 1.92 0.00	13.88 0.83 0.00	12.55 0.75 0.00	8.96 0.54 0.00	12.83 0.77 0.00	11.97 0.69 0.00

LUTHERNY_35_KV_BK2 355980	29.54 1.51 0.00	26.09 1.35 0.00	32.41 1.70 0.00	31.63 1.63 0.00	32.24 1.67 0.00	33.62 1.78 0.00	32.33 1.85 0.00	32.78 1.99 0.00	27.83 1.68 0.00	20.59 1.19 0.00	11.54 0.67 0.00	14.58 0.86 0.00	32.61 2.07 0.00	32.47 2.05 0.00	34.87 2.21 0.00	34.66 2.16 0.00	35.43 2.23 0.00	36.03 2.24 0.00	31.32 1.93 0.00	13.88 0.83 0.00	12.55 0.75 0.00	8.96 0.54 0.00	12.83 0.77 0.00	11.98 0.69 0.00
LWR___OSWEGATCHIE_HYD 23850	27.46 -0.57 0.00	24.15 -0.59 0.00	29.95 -0.76 0.00	29.11 -0.89 0.00	29.64 -0.93 0.00	30.81 -1.03 0.00	29.33 -1.15 0.00	29.68 -1.11 0.00	25.27 -0.88 0.00	18.85 -0.55 0.00	10.55 -0.31 0.00	13.29 -0.43 0.00	29.57 -0.97 0.00	29.41 -1.00 0.00	31.64 -1.02 0.00	31.56 -0.94 0.00	32.38 -0.83 0.00	32.78 -1.01 0.00	28.36 -1.02 0.00	12.51 -0.53 0.00	11.31 -0.49 0.00	8.07 -0.34 0.00	11.57 -0.49 0.00	10.84 -0.44 0.00
LYONS_FALL_HYD 23570	27.72 -0.30 0.00	24.44 -0.30 0.00	30.42 -0.30 0.00	29.50 -0.50 0.00	30.06 -0.51 0.00	31.34 -0.50 0.00	30.00 -0.48 0.00	30.33 -0.46 0.00	25.82 -0.33 0.00	19.19 -0.21 0.00	10.74 -0.12 0.00	13.57 -0.15 0.00	30.21 -0.33 0.00	30.02 -0.39 0.00	32.21 -0.45 0.00	32.16 -0.34 0.00	33.13 -0.07 0.00	33.70 -0.09 0.00	29.16 -0.23 0.00	12.86 -0.19 0.00	11.62 -0.18 0.00	8.29 -0.13 0.00	11.86 -0.20 0.00	11.07 -0.21 0.00
MADISON___COUNTY_LFGE 323628	28.48 0.45 0.00	25.16 0.42 0.00	31.22 0.51 0.00	30.46 0.46 0.00	31.07 0.51 0.00	32.37 0.52 0.00	31.04 0.55 0.00	31.39 0.60 0.00	26.73 0.58 0.00	19.84 0.45 0.00	11.10 0.23 0.00	14.04 0.32 0.00	31.26 0.72 0.00	31.04 0.62 0.00	33.29 0.62 0.00	33.07 0.57 0.00	33.88 0.67 0.00	34.39 0.61 0.00	29.89 0.50 0.00	13.25 0.20 0.00	11.97 0.18 0.00	8.54 0.12 0.00	12.22 0.16 0.00	11.42 0.13 0.00
MALONE___115KV_TB1 356076	27.97 -0.05 0.00	24.60 -0.14 0.00	30.66 -0.06 0.00	29.97 -0.03 0.00	30.47 -0.10 0.00	31.64 -0.20 0.00	30.21 -0.27 0.00	30.70 -0.09 0.00	26.11 -0.04 0.00	19.42 0.02 0.00	10.83 -0.03 0.00	13.56 -0.16 0.00	30.18 -0.35 0.00	30.10 -0.31 0.00	32.52 -0.14 0.00	32.71 0.21 0.00	33.37 0.17 0.00	33.81 0.02 0.00	29.34 -0.05 0.00	13.02 -0.03 0.00	11.75 -0.05 0.00	8.40 -0.01 0.00	12.01 -0.05 0.00	11.23 -0.05 0.00
MAPLEWOD_115KV_TB3 80458	29.09 1.06 0.00	25.67 0.93 0.00	31.89 1.18 0.00	31.14 1.14 0.00	31.74 1.18 0.00	33.08 1.23 0.00	31.72 1.24 0.00	32.09 1.30 0.00	27.26 1.11 0.00	20.16 0.77 0.00	11.31 0.45 0.00	14.32 0.60 0.00	31.93 1.39 0.00	31.80 1.38 0.00	34.11 1.44 0.00	33.93 1.43 0.00	34.65 1.45 0.00	35.25 1.47 0.00	30.68 1.30 0.00	13.63 0.58 0.00	12.32 0.53 0.00	8.80 0.38 0.00	12.61 0.54 0.00	11.77 0.49 0.00
MAPLE_RIDGE_WT_1 323574	27.27 -0.76 0.00	24.10 -0.63 0.00	30.01 -0.71 0.00	29.23 -0.77 0.00	29.76 -0.81 0.00	31.05 -0.80 0.00	29.65 -0.84 0.00	29.98 -0.81 0.00	25.49 -0.66 0.00	18.93 -0.47 0.00	10.57 -0.29 0.00	13.33 -0.39 0.00	29.72 -0.82 0.00	29.57 -0.84 0.00	31.81 -0.85 0.00	31.68 -0.82 0.00	32.50 -0.70 0.00	33.22 -0.57 0.00	28.81 -0.57 0.00	12.73 -0.32 0.00	11.48 -0.32 0.00	8.21 -0.21 0.00	11.79 -0.27 0.00	11.01 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	27.27 -0.76 0.00	24.10 -0.63 0.00	30.01 -0.71 0.00	29.23 -0.77 0.00	29.76 -0.81 0.00	31.05 -0.80 0.00	29.65 -0.84 0.00	29.98 -0.81 0.00	25.49 -0.66 0.00	18.93 -0.47 0.00	10.57 -0.29 0.00	13.33 -0.39 0.00	29.72 -0.82 0.00	29.57 -0.84 0.00	31.81 -0.85 0.00	31.68 -0.82 0.00	32.50 -0.70 0.00	33.22 -0.57 0.00	28.81 -0.57 0.00	12.73 -0.32 0.00	11.48 -0.32 0.00	8.21 -0.21 0.00	11.79 -0.27 0.00	11.01 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	27.63 -0.40 0.00	24.31 -0.43 0.00	30.36 -0.36 0.00	29.65 -0.35 0.00	30.13 -0.44 0.00	31.28 -0.56 0.00	29.91 -0.58 0.00	30.38 -0.42 0.00	25.81 -0.34 0.00	19.13 -0.26 0.00	10.67 -0.19 0.00	13.39 -0.34 0.00	29.79 -0.75 0.00	29.73 -0.69 0.00	32.14 -0.53 0.00	32.33 -0.17 0.00	32.98 -0.22 0.00	33.45 -0.34 0.00	29.06 -0.33 0.00	12.89 -0.16 0.00	11.64 -0.16 0.00	8.33 -0.09 0.00	11.91 -0.15 0.00	11.13 -0.15 0.00
MARSHVLE_115KV_TB1 80742	27.67 -0.35 0.00	24.39 -0.35 0.00	30.22 -0.50 0.00	29.51 -0.50 0.00	30.08 -0.48 0.00	31.34 -0.50 0.00	30.00 -0.48 0.00	30.36 -0.44 0.00	25.76 -0.39 0.00	19.16 -0.24 0.00	10.72 -0.14 0.00	13.52 -0.21 0.00	30.05 -0.49 0.00	29.95 -0.46 0.00	32.12 -0.54 0.00	32.03 -0.47 0.00	32.77 -0.43 0.00	33.36 -0.42 0.00	29.01 -0.37 0.00	12.88 -0.17 0.00	11.62 -0.18 0.00	8.28 -0.14 0.00	11.86 -0.20 0.00	11.08 -0.20 0.00
MARSH_HILL_WT_PWR 323713	25.57 -2.46 0.00	22.64 -2.09 0.00	27.89 -2.82 0.00	27.28 -2.72 0.00	27.96 -2.61 0.00	29.04 -2.80 0.00	27.73 -2.75 0.00	27.97 -2.82 0.00	23.89 -2.26 0.00	17.73 -1.67 0.00	9.84 -1.02 0.00	12.48 -1.24 0.00	27.97 -2.57 0.00	28.00 -2.41 0.00	30.06 -2.61 0.00	29.58 -2.92 0.00	30.25 -2.95 0.00	30.91 -2.88 0.00	26.87 -2.51 0.00	11.84 -1.21 0.00	10.71 -1.08 0.00	7.62 -0.79 0.00	10.91 -1.16 0.00	10.25 -1.03 0.00
MCINTYRE_115KV_TB2 80467	28.59 0.56 0.00	25.21 0.48 0.00	31.29 0.57 0.00	30.57 0.58 0.00	31.12 0.56 0.00	32.35 0.51 0.00	30.82 0.34 0.00	31.22 0.43 0.00	26.57 0.42 0.00	19.80 0.40 0.00	11.04 0.18 0.00	13.82 0.09 0.00	30.70 0.16 0.00	30.61 0.19 0.00	33.09 0.42 0.00	33.03 0.53 0.00	33.75 0.55 0.00	34.23 0.45 0.00	29.74 0.36 0.00	13.18 0.13 0.00	11.90 0.10 0.00	8.49 0.07 0.00	12.16 0.09 0.00	11.39 0.11 0.00
MECO_____69_KV_BK1 80468	28.76 0.74 0.00	25.35 0.61 0.00	31.42 0.70 0.00	30.69 0.69 0.00	31.29 0.73 0.00	32.61 0.77 0.00	31.26 0.77 0.00	31.67 0.87 0.00	26.90 0.75 0.00	20.00 0.61 0.00	11.15 0.30 0.00	14.07 0.34 0.00	31.36 0.83 0.00	31.27 0.85 0.00	33.51 0.85 0.00	33.49 0.99 0.00	34.26 1.06 0.00	34.87 1.08 0.00	30.33 0.94 0.00	13.45 0.40 0.00	12.15 0.35 0.00	8.65 0.24 0.00	12.39 0.33 0.00	11.57 0.29 0.00
MENANDS___115KV_TB5 355628	29.00 0.97 0.00	25.59 0.86 0.00	31.80 1.09 0.00	31.06 1.06 0.00	31.65 1.08 0.00	32.98 1.14 0.00	31.63 1.14 0.00	31.99 1.20 0.00	27.16 1.01 0.00	20.09 0.69 0.00	11.27 0.41 0.00	14.27 0.55 0.00	31.81 1.27 0.00	31.67 1.25 0.00	33.99 1.32 0.00	33.81 1.31 0.00	34.51 1.32 0.00	35.12 1.34 0.00	30.57 1.18 0.00	13.59 0.54 0.00	12.28 0.49 0.00	8.77 0.35 0.00	12.57 0.51 0.00	11.73 0.45 0.00
MG INDUSTRY___DRP 24185	28.97 0.94 0.00	25.58 0.84 0.00	31.80 1.08 0.00	31.06 1.06 0.00	31.65 1.08 0.00	32.98 1.13 0.00	31.60 1.12 0.00	31.95 1.16 0.00	27.12 0.96 0.00	20.05 0.66 0.00	11.23 0.37 0.00	14.20 0.47 0.00	31.62 1.08 0.00	31.48 1.06 0.00	33.85 1.18 0.00	33.71 1.21 0.00	34.45 1.25 0.00	35.05 1.27 0.00	30.48 1.10 0.00	13.54 0.49 0.00	12.24 0.45 0.00	8.74 0.32 0.00	12.53 0.47 0.00	11.71 0.43 0.00

MID___OSWEGATCHIE_HYD 23849	27.46 -0.57 0.00	24.15 -0.59 0.00	29.95 -0.76 0.00	29.11 -0.89 0.00	29.64 -0.93 0.00	30.81 -1.03 0.00	29.33 -1.15 0.00	29.68 -1.11 0.00	25.27 -0.88 0.00	18.85 -0.55 0.00	10.55 -0.31 0.00	13.29 -0.43 0.00	29.57 -0.97 0.00	29.41 -1.00 0.00	31.64 -1.02 0.00	31.56 -0.94 0.00	32.38 -0.83 0.00	32.78 -1.01 0.00	28.36 -1.02 0.00	12.51 -0.53 0.00	11.31 -0.49 0.00	8.07 -0.34 0.00	11.57 -0.49 0.00	10.84 -0.44 0.00
MID___RAQUETTE_HYD 23851	27.96 -0.07 0.00	24.64 -0.10 0.00	30.55 -0.16 0.00	29.86 -0.13 0.00	30.39 -0.17 0.00	31.53 -0.31 0.00	29.93 -0.55 0.00	30.30 -0.49 0.00	25.79 -0.36 0.00	19.28 -0.11 0.00	10.77 -0.09 0.00	13.53 -0.19 0.00	30.09 -0.45 0.00	29.98 -0.43 0.00	32.31 -0.35 0.00	32.16 -0.34 0.00	32.77 -0.43 0.00	33.16 -0.63 0.00	28.77 -0.61 0.00	12.74 -0.30 0.00	11.51 -0.28 0.00	8.22 -0.19 0.00	11.80 -0.27 0.00	11.08 -0.20 0.00
MILLIKEN___1 23584	28.10 0.07 0.00	24.82 0.08 0.00	30.77 0.05 0.00	30.06 0.06 0.00	30.66 0.09 0.00	31.96 0.11 0.00	30.63 0.14 0.00	30.93 0.13 0.00	26.29 0.14 0.00	19.53 0.13 0.00	10.90 0.04 0.00	13.79 0.06 0.00	30.68 0.14 0.00	30.60 0.18 0.00	32.78 0.11 0.00	32.54 0.04 0.00	33.37 0.16 0.00	33.99 0.20 0.00	29.51 0.13 0.00	13.10 0.05 0.00	11.83 0.04 0.00	8.42 0.00 0.00	12.05 -0.01 0.00	11.27 -0.01 0.00
MILLIKEN___2 23585	28.10 0.07 0.00	24.82 0.08 0.00	30.77 0.05 0.00	30.06 0.06 0.00	30.66 0.09 0.00	31.96 0.11 0.00	30.63 0.14 0.00	30.93 0.13 0.00	26.29 0.14 0.00	19.53 0.13 0.00	10.90 0.04 0.00	13.79 0.06 0.00	30.68 0.14 0.00	30.60 0.18 0.00	32.78 0.11 0.00	32.54 0.04 0.00	33.37 0.16 0.00	33.99 0.20 0.00	29.51 0.13 0.00	13.10 0.05 0.00	11.83 0.04 0.00	8.42 0.00 0.00	12.05 -0.01 0.00	11.27 -0.01 0.00
MILLIKEN___DIESEL 23629	28.10 0.07 0.00	24.82 0.08 0.00	30.77 0.05 0.00	30.06 0.06 0.00	30.66 0.09 0.00	31.96 0.11 0.00	30.63 0.14 0.00	30.93 0.13 0.00	26.29 0.14 0.00	19.53 0.13 0.00	10.90 0.04 0.00	13.79 0.06 0.00	30.68 0.14 0.00	30.60 0.18 0.00	32.78 0.11 0.00	32.54 0.04 0.00	33.37 0.16 0.00	33.99 0.20 0.00	29.51 0.13 0.00	13.10 0.05 0.00	11.83 0.04 0.00	8.42 0.00 0.00	12.05 -0.01 0.00	11.27 -0.01 0.00
MILLSEAT___LFGE 323607	27.17 -0.86 0.00	23.98 -0.76 0.00	29.44 -1.28 0.00	28.89 -1.11 0.00	29.60 -0.97 0.00	30.84 -1.00 0.00	29.11 -1.38 0.00	29.18 -1.62 0.00	24.66 -1.49 0.00	18.35 -1.04 0.00	10.25 -0.61 0.00	13.01 -0.71 0.00	28.99 -1.55 0.00	28.93 -1.49 0.00	31.10 -1.57 0.00	30.78 -1.72 0.00	31.43 -1.77 0.00	32.02 -1.76 0.00	27.78 -1.60 0.00	12.35 -0.70 0.00	11.16 -0.64 0.00	7.94 -0.48 0.00	11.44 -0.62 0.00	10.78 -0.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.35 1.32 0.00	25.89 1.15 0.00	32.19 1.47 0.00	31.41 1.41 0.00	31.98 1.42 0.00	33.41 1.57 0.00	32.13 1.65 0.00	32.55 1.75 0.00	27.65 1.50 0.00	20.46 1.06 0.00	11.49 0.62 0.00	14.53 0.80 0.00	32.32 1.78 0.00	32.19 1.77 0.00	34.56 1.89 0.00	34.36 1.86 0.00	35.17 1.97 0.00	35.84 2.06 0.00	31.08 1.69 0.00	13.79 0.74 0.00	12.47 0.68 0.00	8.91 0.49 0.00	12.78 0.72 0.00	11.94 0.66 0.00
MILLWOOD_13_KV_LOAD 356217	29.40 1.38 0.00	25.94 1.21 0.00	32.25 1.54 0.00	31.47 1.47 0.00	32.05 1.48 0.00	33.48 1.64 0.00	32.19 1.71 0.00	32.63 1.84 0.00	27.70 1.55 0.00	20.50 1.10 0.00	11.51 0.65 0.00	14.56 0.83 0.00	32.37 1.83 0.00	32.24 1.83 0.00	34.64 1.97 0.00	34.44 1.94 0.00	35.25 2.05 0.00	35.93 2.14 0.00	31.14 1.76 0.00	13.83 0.78 0.00	12.50 0.71 0.00	8.93 0.52 0.00	12.81 0.74 0.00	11.96 0.68 0.00
MODEL_CITY_ENERGY 24167	26.36 -1.67 0.00	23.28 -1.46 0.00	28.54 -2.18 0.00	28.04 -1.96 0.00	28.73 -1.83 0.00	29.91 -1.94 0.00	28.14 -2.35 0.00	28.08 -2.71 0.00	23.68 -2.47 0.00	17.67 -1.73 0.00	9.91 -0.95 0.00	12.56 -1.16 0.00	27.95 -2.59 0.00	27.94 -2.47 0.00	30.01 -2.65 0.00	29.62 -2.88 0.00	30.21 -3.00 0.00	30.75 -3.03 0.00	26.67 -2.71 0.00	11.86 -1.19 0.00	10.72 -1.07 0.00	7.63 -0.79 0.00	11.03 -1.03 0.00	10.44 -0.85 0.00
MODERN_LFGE___ 323580	26.36 -1.67 0.00	23.28 -1.46 0.00	28.54 -2.18 0.00	28.04 -1.96 0.00	28.73 -1.83 0.00	29.91 -1.94 0.00	28.14 -2.35 0.00	28.08 -2.71 0.00	23.68 -2.47 0.00	17.67 -1.73 0.00	9.91 -0.95 0.00	12.56 -1.16 0.00	27.95 -2.59 0.00	27.94 -2.47 0.00	30.01 -2.65 0.00	29.62 -2.88 0.00	30.21 -3.00 0.00	30.75 -3.03 0.00	26.67 -2.71 0.00	11.86 -1.19 0.00	10.72 -1.07 0.00	7.63 -0.79 0.00	11.03 -1.03 0.00	10.44 -0.85 0.00
MOHAWK_PAPER___DRP 24187	29.09 1.06 0.00	25.67 0.93 0.00	31.89 1.18 0.00	31.14 1.14 0.00	31.74 1.18 0.00	33.08 1.23 0.00	31.72 1.24 0.00	32.09 1.30 0.00	27.26 1.11 0.00	20.16 0.77 0.00	11.31 0.45 0.00	14.32 0.60 0.00	31.93 1.39 0.00	31.80 1.38 0.00	34.11 1.44 0.00	33.93 1.43 0.00	34.65 1.45 0.00	35.25 1.47 0.00	30.68 1.30 0.00	13.63 0.58 0.00	12.32 0.53 0.00	8.80 0.38 0.00	12.61 0.54 0.00	11.77 0.49 0.00
MOHICAN___35_KV_115KV_LD 80490	29.87 1.85 0.00	26.42 1.68 0.00	32.77 2.05 0.00	32.01 2.01 0.00	32.65 2.09 0.00	34.07 2.23 0.00	32.87 2.39 0.00	33.38 2.58 0.00	28.37 2.22 0.00	20.98 1.58 0.00	11.75 0.89 0.00	14.84 1.11 0.00	33.30 2.77 0.00	33.15 2.74 0.00	35.61 2.95 0.00	35.40 2.90 0.00	36.12 2.92 0.00	36.79 3.01 0.00	31.98 2.59 0.00	14.13 1.09 0.00	12.79 1.00 0.00	9.14 0.72 0.00	13.08 1.02 0.00	12.17 0.89 0.00
MONGAUP___HYD 23641	29.36 1.33 0.00	25.90 1.17 0.00	32.15 1.43 0.00	31.38 1.38 0.00	31.96 1.39 0.00	33.36 1.51 0.00	32.07 1.59 0.00	32.49 1.70 0.00	27.60 1.45 0.00	20.35 0.96 0.00	11.44 0.58 0.00	14.43 0.70 0.00	31.84 1.30 0.00	31.78 1.36 0.00	34.18 1.51 0.00	34.20 1.70 0.00	35.09 1.89 0.00	35.78 2.00 0.00	31.09 1.71 0.00	13.81 0.76 0.00	12.48 0.69 0.00	8.91 0.49 0.00	12.76 0.70 0.00	11.93 0.64 0.00
MONTAUK___DIESEL 23721	29.10 1.07 0.00	25.32 0.58 0.00	31.51 0.79 0.00	30.70 0.70 0.00	31.30 0.73 0.00	32.95 1.10 0.00	31.94 1.45 0.00	32.11 1.32 0.00	27.21 1.06 0.00	20.07 0.68 0.00	11.31 0.45 0.00	14.40 0.68 0.00	31.79 1.25 0.00	31.59 1.18 0.00	34.32 1.66 0.00	39.64 1.99 -5.16	39.21 2.30 -3.71	36.45 2.67 0.00	34.65 1.89 -3.37	14.46 0.97 -0.44	14.08 1.12 -1.17	12.57 0.81 -3.34	13.21 1.12 -0.02	12.19 0.91 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.09 -2.94 0.00	22.19 -2.55 0.00	27.32 -3.40 0.00	26.84 -3.16 0.00	27.47 -3.10 0.00	28.62 -3.23 0.00	27.45 -3.03 0.00	27.66 -3.13 0.00	23.65 -2.50 0.00	17.61 -1.78 0.00	9.85 -1.01 0.00	12.58 -1.14 0.00	28.01 -2.53 0.00	28.10 -2.32 0.00	30.27 -2.40 0.00	29.95 -2.55 0.00	30.35 -2.85 0.00	30.75 -3.04 0.00	26.78 -2.61 0.00	11.80 -1.25 0.00	10.66 -1.14 0.00	7.55 -0.87 0.00	10.83 -1.23 0.00	10.20 -1.08 0.00

MORRIS_RIDGE___SOLAR 323848	25.92 -2.10 0.00	22.93 -1.80 0.00	28.26 -2.46 0.00	27.65 -2.35 0.00	28.32 -2.24 0.00	29.46 -2.39 0.00	28.05 -2.44 0.00	28.26 -2.53 0.00	24.09 -2.06 0.00	17.84 -1.55 0.00	9.95 -0.91 0.00	12.64 -1.08 0.00	28.20 -2.35 0.00	28.24 -2.18 0.00	30.40 -2.27 0.00	29.93 -2.57 0.00	30.59 -2.61 0.00	31.21 -2.57 0.00	27.10 -2.28 0.00	11.98 -1.07 0.00	10.82 -0.97 0.00	7.70 -0.72 0.00	11.03 -1.03 0.00	10.38 -0.90 0.00
MORTIMER_115KV_TB3 55949	27.36 -0.67 0.00	24.14 -0.59 0.00	29.77 -0.95 0.00	29.15 -0.85 0.00	29.81 -0.75 0.00	31.07 -0.77 0.00	29.50 -0.99 0.00	29.69 -1.10 0.00	25.15 -1.00 0.00	18.71 -0.69 0.00	10.48 -0.38 0.00	13.28 -0.44 0.00	29.56 -0.98 0.00	29.47 -0.94 0.00	31.65 -1.01 0.00	31.35 -1.15 0.00	32.01 -1.19 0.00	32.60 -1.19 0.00	28.32 -1.07 0.00	12.58 -0.47 0.00	11.37 -0.43 0.00	8.09 -0.32 0.00	11.62 -0.44 0.00	10.91 -0.37 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.51 1.48 0.00	26.03 1.29 0.00	32.38 1.66 0.00	31.59 1.59 0.00	32.17 1.60 0.00	33.62 1.78 0.00	32.34 1.86 0.00	32.75 1.96 0.00	27.82 1.67 0.00	20.59 1.19 0.00	11.56 0.70 0.00	14.62 0.90 0.00	32.52 1.98 0.00	32.41 1.99 -0.01	34.79 2.12 0.00	34.59 2.09 0.00	35.41 2.21 0.00	36.09 2.30 0.00	31.27 1.89 0.00	13.88 0.83 0.00	12.55 0.75 0.00	8.97 0.55 0.00	12.86 0.79 0.00	12.01 0.73 0.00
MUNSVILLE_WIND_PWR 323609	28.42 0.39 0.00	25.03 0.29 0.00	31.02 0.31 0.00	30.38 0.38 0.00	31.01 0.44 0.00	32.17 0.33 0.00	31.04 0.55 0.00	31.40 0.60 0.00	27.04 0.89 0.00	19.96 0.56 0.00	11.16 0.30 0.00	14.03 0.30 0.00	31.20 0.66 0.00	31.31 0.89 0.00	33.66 0.99 0.00	33.11 0.61 0.00	34.81 1.61 0.00	35.42 1.63 0.00	30.26 0.87 0.00	13.26 0.22 0.00	11.95 0.15 0.00	8.48 0.06 0.00	12.11 0.05 0.00	11.30 0.01 0.00
N SALMON___HYD 24042	27.97 -0.05 0.00	24.60 -0.14 0.00	30.66 -0.06 0.00	29.97 -0.03 0.00	30.47 -0.10 0.00	31.64 -0.20 0.00	30.21 -0.27 0.00	30.70 -0.09 0.00	26.11 -0.04 0.00	19.42 0.02 0.00	10.83 -0.03 0.00	13.56 -0.16 0.00	30.19 -0.35 0.00	30.10 -0.31 0.00	32.52 -0.14 0.00	32.71 0.21 0.00	33.37 0.17 0.00	33.81 0.02 0.00	29.34 -0.05 0.00	13.02 -0.03 0.00	11.75 -0.05 0.00	8.40 -0.01 0.00	12.01 -0.05 0.00	11.23 -0.05 0.00
N.AKRON__115KV_KNAPP 355671	27.00 -1.03 0.00	23.83 -0.91 0.00	29.24 -1.48 0.00	28.71 -1.28 0.00	29.41 -1.15 0.00	30.65 -1.20 0.00	28.90 -1.58 0.00	28.94 -1.85 0.00	24.44 -1.71 0.00	18.21 -1.18 0.00	10.18 -0.68 0.00	12.92 -0.80 0.00	28.76 -1.78 0.00	28.72 -1.69 0.00	30.88 -1.79 0.00	30.53 -1.97 0.00	31.17 -2.03 0.00	31.75 -2.04 0.00	27.54 -1.85 0.00	12.24 -0.80 0.00	11.06 -0.73 0.00	7.87 -0.55 0.00	11.35 -0.71 0.00	10.71 -0.58 0.00
N.E_GEN_SANDY PD 24062	30.82 1.25 -1.53	27.92 1.10 -2.08	32.46 1.39 -0.35	31.34 1.34 0.00	31.92 1.36 0.00	33.30 1.46 0.00	31.95 1.47 0.00	32.96 1.56 -0.61	27.45 1.30 0.00	20.27 0.88 0.00	11.39 0.53 0.00	14.42 0.69 0.00	34.71 1.60 -2.57	32.09 1.59 -0.09	35.41 1.69 -1.07	35.15 1.66 -0.99	35.10 1.72 -0.18	39.94 1.77 -4.39	37.00 1.53 -6.08	23.59 0.68 -9.86	32.14 0.62 -19.72	31.41 0.45 -22.55	29.49 0.65 -16.77	23.86 0.59 -11.99
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.30 1.28 0.00	25.86 1.13 0.00	32.13 1.41 0.00	31.35 1.36 0.00	31.93 1.36 0.00	33.36 1.52 0.00	32.09 1.61 0.00	32.51 1.71 0.00	27.62 1.47 0.00	20.43 1.04 0.00	11.47 0.61 0.00	14.51 0.79 0.00	32.26 1.73 0.00	32.13 1.72 0.00	34.52 1.85 0.00	34.30 1.81 0.00	35.12 1.92 0.00	35.80 2.01 0.00	31.03 1.65 0.00	13.78 0.73 0.00	12.46 0.66 0.00	8.90 0.48 0.00	12.76 0.69 0.00	11.92 0.64 0.00
N.QUEENS_27_KV_LOAD 356247	29.53 1.50 0.00	26.01 1.28 0.00	32.42 1.70 0.00	31.61 1.61 0.00	32.18 1.61 0.00	33.65 1.81 0.00	32.37 1.89 0.00	32.78 1.99 0.00	27.85 1.69 0.00	20.59 1.20 0.00	11.58 0.72 0.00	14.63 0.91 0.00	32.56 2.03 0.00	32.78 2.18 -0.18	34.94 2.27 0.00	34.76 2.26 0.00	35.53 2.33 0.00	36.19 2.40 0.00	31.34 1.95 0.00	13.92 0.87 0.00	12.58 0.78 0.00	9.01 0.59 0.00	12.89 0.83 0.00	12.00 0.72 0.00
N.TROY___115KV_TB1 355778	29.16 1.13 0.00	25.74 1.00 0.00	31.96 1.25 0.00	31.23 1.23 0.00	31.83 1.27 0.00	33.17 1.33 0.00	31.83 1.35 0.00	32.24 1.44 0.00	27.36 1.21 0.00	20.21 0.82 0.00	11.34 0.48 0.00	14.35 0.62 0.00	32.04 1.50 0.00	31.89 1.48 0.00	34.23 1.56 0.00	34.05 1.55 0.00	34.78 1.57 0.00	35.40 1.62 0.00	30.80 1.41 0.00	13.67 0.62 0.00	12.36 0.57 0.00	8.83 0.41 0.00	12.65 0.59 0.00	11.81 0.53 0.00
NARROWS_GT1_1 24228	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT1_2 24229	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT1_3 24230	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT1_4 24231	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT1_5 24232	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00

NARROWS_GT1_6 24233	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT1_7 24234	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT1_8 24235	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT2_1 24236	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT2_2 24237	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT2_3 24238	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT2_4 24239	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT2_5 24240	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT2_6 24241	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT2_7 24242	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NARROWS_GT2_8 24243	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.45 1.42 0.00	25.98 1.25 0.00	32.27 1.56 0.00	31.53 1.53 0.00	32.16 1.59 0.00	33.51 1.67 0.00	32.18 1.69 0.00	32.63 1.83 0.00	27.72 1.58 0.00	20.54 1.14 0.00	11.44 0.58 0.00	14.48 0.75 0.00	32.27 1.73 0.00	32.20 1.79 0.00	34.60 1.93 0.00	34.56 2.06 0.00	35.35 2.15 0.00	35.97 2.18 0.00	31.27 1.89 0.00	13.88 0.84 0.00	12.55 0.75 0.00	8.95 0.54 0.00	12.82 0.76 0.00	11.96 0.67 0.00
NCHELSEA_115KV_TR2 355582	29.51 1.49 0.00	26.04 1.30 0.00	32.36 1.64 0.00	31.57 1.57 0.00	32.14 1.58 0.00	33.58 1.73 0.00	32.28 1.80 0.00	32.71 1.91 0.00	27.79 1.64 0.00	20.57 1.18 0.00	11.56 0.70 0.00	14.63 0.90 0.00	32.55 2.02 0.00	32.40 1.99 0.00	34.80 2.14 0.00	34.59 2.09 0.00	35.39 2.19 0.00	36.05 2.27 0.00	31.27 1.89 0.00	13.88 0.83 0.00	12.55 0.76 0.00	8.96 0.54 0.00	12.84 0.78 0.00	12.00 0.72 0.00
NEG CAPITAL___MECHNVIL 23645	29.55 1.53 0.00	26.10 1.37 0.00	32.41 1.69 0.00	31.66 1.65 0.00	32.27 1.70 0.00	33.65 1.80 0.00	32.33 1.85 0.00	32.77 1.98 0.00	27.83 1.68 0.00	20.59 1.20 0.00	11.54 0.68 0.00	14.60 0.88 0.00	32.64 2.10 0.00	32.49 2.08 0.00	34.87 2.21 0.00	34.68 2.17 0.00	35.41 2.22 0.00	36.04 2.25 0.00	31.33 1.95 0.00	13.89 0.84 0.00	12.56 0.77 0.00	8.97 0.55 0.00	12.85 0.78 0.00	11.99 0.70 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.94 -1.09 0.00	23.78 -0.96 0.00	29.34 -1.38 0.00	28.72 -1.28 0.00	29.36 -1.21 0.00	30.61 -1.23 0.00	29.12 -1.36 0.00	29.32 -1.47 0.00	24.84 -1.31 0.00	18.49 -0.90 0.00	10.35 -0.51 0.00	13.12 -0.61 0.00	29.19 -1.35 0.00	29.09 -1.32 0.00	31.24 -1.43 0.00	30.96 -1.55 0.00	31.61 -1.59 0.00	32.17 -1.61 0.00	27.97 -1.42 0.00	12.43 -0.62 0.00	11.23 -0.56 0.00	7.99 -0.42 0.00	11.47 -0.60 0.00	10.76 -0.53 0.00

NEG CENTRAL___DRP 24199	27.74 -0.29 0.00	24.48 -0.25 0.00	30.30 -0.42 0.00	29.61 -0.39 0.00	30.24 -0.32 0.00	31.53 -0.31 0.00	30.12 -0.36 0.00	30.35 -0.45 0.00	25.74 -0.41 0.00	19.14 -0.25 0.00	10.70 -0.15 0.00	13.56 -0.17 0.00	30.12 -0.42 0.00	30.03 -0.38 0.00	32.13 -0.53 0.00	31.92 -0.58 0.00	32.66 -0.54 0.00	33.27 -0.51 0.00	28.92 -0.46 0.00	12.86 -0.19 0.00	11.62 -0.17 0.00	8.27 -0.15 0.00	11.85 -0.22 0.00	11.09 -0.19 0.00
NEG CENTRAL___INDECK 23768	27.58 -0.45 0.00	24.36 -0.38 0.00	30.01 -0.71 0.00	29.36 -0.64 0.00	30.06 -0.51 0.00	31.36 -0.48 0.00	29.84 -0.65 0.00	30.11 -0.69 0.00	25.60 -0.55 0.00	19.01 -0.39 0.00	10.59 -0.28 0.00	13.41 -0.31 0.00	29.89 -0.65 0.00	29.84 -0.57 0.00	32.08 -0.59 0.00	31.74 -0.76 0.00	32.46 -0.74 0.00	33.16 -0.63 0.00	28.83 -0.55 0.00	12.78 -0.27 0.00	11.54 -0.25 0.00	8.20 -0.21 0.00	11.76 -0.30 0.00	11.03 -0.26 0.00
NEG CENTRAL___SENECA 23627	27.68 -0.34 0.00	24.44 -0.30 0.00	30.20 -0.52 0.00	29.53 -0.47 0.00	30.18 -0.38 0.00	31.47 -0.38 0.00	30.02 -0.47 0.00	30.24 -0.55 0.00	25.65 -0.50 0.00	19.09 -0.31 0.00	10.67 -0.19 0.00	13.52 -0.20 0.00	30.04 -0.50 0.00	29.96 -0.46 0.00	32.08 -0.59 0.00	31.84 -0.66 0.00	32.58 -0.63 0.00	33.18 -0.60 0.00	28.84 -0.55 0.00	12.82 -0.23 0.00	11.59 -0.21 0.00	8.25 -0.17 0.00	11.82 -0.24 0.00	11.06 -0.22 0.00
NEG CENTRAL___STATE_STREET 24147	27.94 -0.09 0.00	24.68 -0.05 0.00	30.58 -0.14 0.00	29.88 -0.12 0.00	30.42 -0.15 0.00	31.77 -0.08 0.00	30.43 -0.06 0.00	30.67 -0.12 0.00	25.96 -0.19 0.00	19.34 -0.06 0.00	10.81 -0.05 0.00	13.68 -0.04 0.00	30.37 -0.16 0.00	30.30 -0.11 0.00	32.37 -0.29 0.00	32.23 -0.28 0.00	33.00 -0.20 0.00	33.61 -0.17 0.00	29.14 -0.24 0.00	12.98 -0.07 0.00	11.73 -0.06 0.00	8.33 -0.09 0.00	11.93 -0.13 0.00	11.16 -0.12 0.00
NEG MILLWOOD___DRP 24198	29.60 1.57 0.00	26.10 1.37 0.00	32.45 1.73 0.00	31.66 1.66 0.00	32.24 1.67 0.00	33.69 1.85 0.00	32.40 1.92 0.00	32.84 2.04 0.00	27.91 1.76 0.00	20.66 1.27 0.00	11.62 0.76 0.00	14.71 0.98 0.00	32.70 2.17 0.00	32.55 2.13 0.00	34.94 2.28 0.00	34.74 2.24 0.00	35.55 2.35 0.00	36.21 2.42 0.00	31.40 2.02 0.00	13.94 0.89 0.00	12.61 0.81 0.00	9.00 0.58 0.00	12.90 0.84 0.00	12.05 0.77 0.00
NEG NORTH_FLCN_SEA 23793	28.00 -0.03 0.00	24.62 -0.11 0.00	30.73 0.01 0.00	30.02 0.02 0.00	30.49 -0.08 0.00	31.60 -0.24 0.00	30.26 -0.22 0.00	30.80 0.00 0.00	26.18 0.03 0.00	19.39 -0.01 0.00	10.81 -0.05 0.00	13.55 -0.17 0.00	30.16 -0.38 0.00	30.10 -0.31 0.00	32.54 -0.13 0.00	32.71 0.21 0.00	33.42 0.22 0.00	33.91 0.13 0.00	29.47 0.09 0.00	13.08 0.03 0.00	11.81 0.01 0.00	8.45 0.04 0.00	12.06 -0.01 0.00	11.25 -0.03 0.00
NEG NORTH_KES_CHATEGAY 23792	27.66 -0.37 0.00	24.32 -0.42 0.00	30.37 -0.35 0.00	29.67 -0.33 0.00	30.14 -0.42 0.00	31.31 -0.53 0.00	29.92 -0.56 0.00	30.42 -0.37 0.00	25.85 -0.30 0.00	19.14 -0.26 0.00	10.67 -0.19 0.00	13.37 -0.35 0.00	29.75 -0.79 0.00	29.69 -0.72 0.00	32.10 -0.57 0.00	32.36 -0.13 0.00	33.03 -0.17 0.00	33.50 -0.29 0.00	29.11 -0.28 0.00	12.92 -0.13 0.00	11.66 -0.14 0.00	8.34 -0.08 0.00	11.93 -0.14 0.00	11.14 -0.14 0.00
NEG NORTH___ALICE_FALLS 23915	28.04 0.02 0.00	24.66 -0.08 0.00	30.76 0.04 0.00	30.06 0.05 0.00	30.53 -0.04 0.00	31.67 -0.17 0.00	30.32 -0.16 0.00	30.87 0.07 0.00	26.24 0.09 0.00	19.45 0.05 0.00	10.85 -0.01 0.00	13.60 -0.12 0.00	30.22 -0.32 0.00	30.17 -0.24 0.00	32.67 0.01 0.00	32.82 0.32 0.00	33.54 0.34 0.00	34.05 0.26 0.00	29.57 0.19 0.00	13.12 0.08 0.00	11.84 0.05 0.00	8.48 0.06 0.00	12.10 0.03 0.00	11.29 0.00 0.00
NEG NORTH___LWR_SARANAC 23913	28.04 0.02 0.00	24.66 -0.08 0.00	30.76 0.04 0.00	30.06 0.05 0.00	30.53 -0.04 0.00	31.67 -0.17 0.00	30.32 -0.16 0.00	30.87 0.07 0.00	26.24 0.09 0.00	19.45 0.05 0.00	10.85 -0.01 0.00	13.60 -0.12 0.00	30.22 -0.32 0.00	30.17 -0.24 0.00	32.67 0.01 0.00	32.82 0.32 0.00	33.54 0.34 0.00	34.05 0.26 0.00	29.57 0.19 0.00	13.12 0.08 0.00	11.84 0.05 0.00	8.48 0.06 0.00	12.10 0.03 0.00	11.29 0.00 0.00
NEG NORTH___PLATTSBURG 23628	28.04 0.02 0.00	24.66 -0.08 0.00	30.76 0.04 0.00	30.06 0.05 0.00	30.53 -0.04 0.00	31.67 -0.17 0.00	30.32 -0.16 0.00	30.87 0.07 0.00	26.24 0.09 0.00	19.45 0.05 0.00	10.85 -0.01 0.00	13.60 -0.12 0.00	30.22 -0.32 0.00	30.17 -0.24 0.00	32.67 0.01 0.00	32.82 0.32 0.00	33.54 0.34 0.00	34.05 0.26 0.00	29.57 0.19 0.00	13.12 0.08 0.00	11.84 0.05 0.00	8.48 0.06 0.00	12.10 0.03 0.00	11.29 0.00 0.00
NEG WEST_LEA_LOCKPORT 23791	26.53 -1.50 0.00	23.43 -1.31 0.00	28.74 -1.98 0.00	28.22 -1.78 0.00	28.92 -1.65 0.00	30.11 -1.73 0.00	28.35 -2.13 0.00	28.36 -2.43 0.00	23.93 -2.22 0.00	17.84 -1.55 0.00	10.00 -0.86 0.00	12.68 -1.04 0.00	28.24 -2.30 0.00	28.22 -2.20 0.00	30.31 -2.35 0.00	29.93 -2.58 0.00	30.52 -2.68 0.00	31.08 -2.70 0.00	26.97 -2.42 0.00	11.98 -1.07 0.00	10.83 -0.97 0.00	7.71 -0.71 0.00	11.13 -0.94 0.00	10.51 -0.77 0.00
NEG WEST___LANCASTR 23811	26.84 -1.18 0.00	23.72 -1.01 0.00	29.19 -1.53 0.00	28.61 -1.39 0.00	29.30 -1.26 0.00	30.49 -1.36 0.00	28.87 -1.61 0.00	29.01 -1.79 0.00	24.54 -1.61 0.00	18.26 -1.14 0.00	10.22 -0.63 0.00	13.00 -0.72 0.00	28.98 -1.56 0.00	28.97 -1.45 0.00	31.09 -1.58 0.00	30.64 -1.86 0.00	31.29 -1.91 0.00	31.86 -1.93 0.00	27.66 -1.73 0.00	12.26 -0.79 0.00	11.08 -0.72 0.00	7.88 -0.53 0.00	11.34 -0.73 0.00	10.68 -0.60 0.00
NEG_PENN_ALLEGHNY 23528	27.74 -0.28 0.00	24.52 -0.21 0.00	30.43 -0.28 0.00	29.74 -0.26 0.00	30.35 -0.21 0.00	31.58 -0.27 0.00	30.25 -0.23 0.00	30.52 -0.27 0.00	25.96 -0.19 0.00	19.25 -0.15 0.00	10.76 -0.10 0.00	13.65 -0.07 0.00	30.40 -0.14 0.00	30.27 -0.15 0.00	32.49 -0.18 0.00	32.18 -0.32 0.00	32.92 -0.28 0.00	33.50 -0.28 0.00	29.12 -0.26 0.00	12.91 -0.14 0.00	11.66 -0.13 0.00	8.32 -0.10 0.00	11.92 -0.15 0.00	11.15 -0.13 0.00
NEG___GEN_MONROE 24207	27.49 -0.53 0.00	24.27 -0.47 0.00	29.89 -0.82 0.00	29.29 -0.71 0.00	29.97 -0.60 0.00	31.28 -0.57 0.00	29.65 -0.83 0.00	29.81 -0.98 0.00	25.25 -0.90 0.00	18.78 -0.62 0.00	10.51 -0.35 0.00	13.33 -0.39 0.00	29.66 -0.88 0.00	29.56 -0.85 0.00	31.77 -0.89 0.00	31.47 -1.03 0.00	32.14 -1.06 0.00	32.74 -1.05 0.00	28.43 -0.96 0.00	12.63 -0.41 0.00	11.42 -0.38 0.00	8.12 -0.29 0.00	11.67 -0.39 0.00	10.96 -0.32 0.00
NEPA___ENERGY 23901	26.32 -1.71 0.00	23.32 -1.42 0.00	28.74 -1.97 0.00	28.18 -1.82 0.00	28.85 -1.71 0.00	29.98 -1.86 0.00	28.58 -1.90 0.00	28.73 -2.06 0.00	24.40 -1.75 0.00	18.11 -1.28 0.00	10.12 -0.74 0.00	12.91 -0.82 0.00	28.75 -1.79 0.00	28.69 -1.73 0.00	30.79 -1.88 0.00	30.30 -2.20 0.00	30.97 -2.23 0.00	31.50 -2.29 0.00	27.37 -2.02 0.00	12.09 -0.96 0.00	10.93 -0.86 0.00	7.78 -0.64 0.00	11.18 -0.89 0.00	10.54 -0.75 0.00

NEVERSINK___HYD 23608	29.04 1.01 0.00	25.62 0.88 0.00	31.82 1.10 0.00	31.06 1.06 0.00	31.64 1.07 0.00	33.04 1.20 0.00	31.79 1.31 0.00	32.23 1.43 0.00	27.39 1.24 0.00	20.28 0.89 0.00	11.38 0.52 0.00	14.39 0.67 0.00	32.00 1.46 0.00	31.86 1.45 0.00	34.22 1.56 0.00	34.02 1.52 0.00	34.87 1.68 0.00	35.52 1.73 0.00	30.82 1.43 0.00	13.68 0.64 0.00	12.37 0.57 0.00	8.83 0.41 0.00	12.64 0.58 0.00	11.81 0.53 0.00
NEWKRMKL_115KV_TB1 55635	28.97 0.94 0.00	25.56 0.82 0.00	31.77 1.05 0.00	31.03 1.03 0.00	31.61 1.04 0.00	32.94 1.10 0.00	31.59 1.11 0.00	31.96 1.17 0.00	27.14 0.99 0.00	20.08 0.69 0.00	11.26 0.40 0.00	14.26 0.53 0.00	31.77 1.23 0.00	31.62 1.21 0.00	33.94 1.27 0.00	33.77 1.27 0.00	34.49 1.29 0.00	35.10 1.31 0.00	30.53 1.15 0.00	13.56 0.52 0.00	12.27 0.47 0.00	8.76 0.34 0.00	12.55 0.49 0.00	11.72 0.43 0.00
NEWTON___FALLS_HYD 23847	27.46 -0.57 0.00	24.15 -0.59 0.00	29.95 -0.76 0.00	29.11 -0.89 0.00	29.64 -0.93 0.00	30.81 -1.03 0.00	29.33 -1.15 0.00	29.68 -1.11 0.00	25.27 -0.88 0.00	18.85 -0.55 0.00	10.55 -0.31 0.00	13.29 -0.43 0.00	29.57 -0.97 0.00	29.41 -1.00 0.00	31.64 -1.02 0.00	31.56 -0.94 0.00	32.38 -0.83 0.00	32.78 -1.01 0.00	28.36 -1.02 0.00	12.51 -0.53 0.00	11.31 -0.49 0.00	8.07 -0.34 0.00	11.57 -0.49 0.00	10.84 -0.44 0.00
NGRID_A1_DSASP 323792	26.16 -1.86 0.00	23.11 -1.62 0.00	28.34 -2.38 0.00	27.83 -2.17 0.00	28.52 -2.05 0.00	29.70 -2.15 0.00	27.93 -2.56 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.87 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.67 0.00	27.86 -2.56 0.00	29.91 -2.75 0.00	29.51 -3.00 0.00	30.09 -3.11 0.00	30.64 -3.15 0.00	26.57 -2.81 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.96 -1.10 0.00	10.35 -0.93 0.00
NGRID_A2_DSASP 323793	26.16 -1.86 0.00	23.11 -1.62 0.00	28.34 -2.38 0.00	27.83 -2.17 0.00	28.52 -2.05 0.00	29.70 -2.15 0.00	27.93 -2.56 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.87 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.67 0.00	27.86 -2.56 0.00	29.91 -2.75 0.00	29.51 -3.00 0.00	30.09 -3.11 0.00	30.64 -3.15 0.00	26.57 -2.81 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.96 -1.10 0.00	10.35 -0.93 0.00
NGRID_A4_DSASP 323807	26.16 -1.86 0.00	23.11 -1.62 0.00	28.34 -2.38 0.00	27.83 -2.17 0.00	28.52 -2.05 0.00	29.70 -2.15 0.00	27.93 -2.56 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.87 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.67 0.00	27.86 -2.56 0.00	29.91 -2.75 0.00	29.51 -3.00 0.00	30.09 -3.11 0.00	30.64 -3.15 0.00	26.57 -2.81 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.96 -1.10 0.00	10.35 -0.93 0.00
NIAGARA_115E_LBMP 323715	26.23 -1.79 0.00	23.17 -1.56 0.00	28.40 -2.32 0.00	27.91 -2.09 0.00	28.60 -1.97 0.00	29.77 -2.07 0.00	27.99 -2.50 0.00	27.91 -2.88 0.00	23.53 -2.62 0.00	17.55 -1.85 0.00	9.85 -1.01 0.00	12.49 -1.24 0.00	27.78 -2.76 0.00	27.78 -2.64 0.00	29.82 -2.84 0.00	29.42 -3.08 0.00	30.00 -3.20 0.00	30.55 -3.24 0.00	26.49 -2.89 0.00	11.79 -1.26 0.00	10.65 -1.14 0.00	7.58 -0.83 0.00	10.97 -1.10 0.00	10.38 -0.90 0.00
NIAGARA_115W_LBMP 323714	26.11 -1.91 0.00	23.07 -1.66 0.00	28.30 -2.41 0.00	27.78 -2.22 0.00	28.47 -2.09 0.00	29.65 -2.19 0.00	27.88 -2.60 0.00	27.95 -2.85 0.00	23.56 -2.59 0.00	17.58 -1.82 0.00	9.85 -1.01 0.00	12.50 -1.22 0.00	27.82 -2.72 0.00	27.81 -2.60 0.00	29.86 -2.81 0.00	29.44 -3.05 0.00	30.04 -3.16 0.00	30.58 -3.21 0.00	26.52 -2.86 0.00	11.79 -1.26 0.00	10.66 -1.14 0.00	7.59 -0.83 0.00	10.94 -1.12 0.00	10.33 -0.95 0.00
NIAGARA_230_LBMP 323716	26.35 -1.68 0.00	23.28 -1.46 0.00	28.57 -2.15 0.00	28.04 -1.96 0.00	28.72 -1.84 0.00	29.91 -1.94 0.00	28.17 -2.31 0.00	28.25 -2.55 0.00	23.82 -2.34 0.00	17.76 -1.64 0.00	9.95 -0.91 0.00	12.63 -1.10 0.00	28.12 -2.42 0.00	28.10 -2.32 0.00	30.15 -2.51 0.00	29.75 -2.75 0.00	30.36 -2.84 0.00	30.91 -2.88 0.00	26.81 -2.57 0.00	11.91 -1.14 0.00	10.77 -1.03 0.00	7.67 -0.75 0.00	11.05 -1.01 0.00	10.43 -0.85 0.00
NIAGARA___115KV_198_GIBSON 55903	26.12 -1.91 0.00	23.07 -1.66 0.00	28.30 -2.42 0.00	27.78 -2.22 0.00	28.47 -2.09 0.00	29.65 -2.20 0.00	27.88 -2.60 0.00	27.95 -2.85 0.00	23.56 -2.59 0.00	17.58 -1.82 0.00	9.85 -1.01 0.00	12.50 -1.22 0.00	27.82 -2.72 0.00	27.81 -2.60 0.00	29.86 -2.81 0.00	29.45 -3.05 0.00	30.04 -3.16 0.00	30.58 -3.21 0.00	26.52 -2.86 0.00	11.79 -1.26 0.00	10.66 -1.14 0.00	7.59 -0.83 0.00	10.94 -1.12 0.00	10.33 -0.95 0.00
NIAGARA____ 23760	26.35 -1.68 0.00	23.28 -1.46 0.00	28.57 -2.15 0.00	28.04 -1.96 0.00	28.72 -1.84 0.00	29.91 -1.94 0.00	28.17 -2.31 0.00	28.25 -2.55 0.00	23.82 -2.34 0.00	17.76 -1.64 0.00	9.95 -0.91 0.00	12.63 -1.10 0.00	28.12 -2.42 0.00	28.10 -2.32 0.00	30.15 -2.51 0.00	29.75 -2.75 0.00	30.36 -2.84 0.00	30.91 -2.88 0.00	26.81 -2.57 0.00	11.91 -1.14 0.00	10.77 -1.03 0.00	7.67 -0.75 0.00	11.05 -1.01 0.00	10.43 -0.85 0.00
NINE_MILE_1 23575	27.16 -0.87 0.00	23.98 -0.76 0.00	29.73 -0.99 0.00	29.05 -0.95 0.00	29.62 -0.95 0.00	30.85 -0.99 0.00	29.49 -1.00 0.00	29.69 -1.10 0.00	25.18 -0.97 0.00	18.72 -0.68 0.00	10.47 -0.38 0.00	13.25 -0.47 0.00	29.46 -1.08 0.00	29.34 -1.07 0.00	31.49 -1.18 0.00	31.28 -1.22 0.00	31.91 -1.29 0.00	32.47 -1.32 0.00	28.29 -1.10 0.00	12.58 -0.47 0.00	11.37 -0.42 0.00	8.11 -0.31 0.00	11.63 -0.44 0.00	10.88 -0.40 0.00
NINE_MILE_2 23744	27.16 -0.86 0.00	23.98 -0.76 0.00	29.73 -0.98 0.00	29.05 -0.95 0.00	29.62 -0.95 0.00	30.85 -0.99 0.00	29.50 -0.99 0.00	29.70 -1.10 0.00	25.19 -0.96 0.00	18.72 -0.68 0.00	10.47 -0.38 0.00	13.26 -0.47 0.00	29.46 -1.08 0.00	29.34 -1.07 0.00	31.49 -1.18 0.00	31.28 -1.22 0.00	31.91 -1.29 0.00	32.47 -1.31 0.00	28.29 -1.10 0.00	12.58 -0.47 0.00	11.38 -0.42 0.00	8.11 -0.31 0.00	11.63 -0.44 0.00	10.88 -0.40 0.00
NM_CAPITAL___DRP 24208	28.97 0.94 0.00	25.56 0.82 0.00	31.77 1.05 0.00	31.02 1.02 0.00	31.61 1.04 0.00	32.95 1.10 0.00	31.58 1.10 0.00	31.94 1.15 0.00	27.13 0.98 0.00	20.07 0.67 0.00	11.26 0.40 0.00	14.25 0.53 0.00	31.76 1.22 0.00	31.62 1.21 0.00	33.93 1.27 0.00	33.76 1.27 0.00	34.47 1.27 0.00	35.08 1.30 0.00	30.53 1.14 0.00	13.56 0.51 0.00	12.27 0.47 0.00	8.76 0.34 0.00	12.55 0.49 0.00	11.72 0.44 0.00
NM_CENTRAL___DRP 24181	27.60 -0.43 0.00	24.37 -0.36 0.00	30.22 -0.50 0.00	29.51 -0.49 0.00	30.10 -0.46 0.00	31.36 -0.48 0.00	30.00 -0.48 0.00	30.24 -0.55 0.00	25.67 -0.48 0.00	19.07 -0.33 0.00	10.67 -0.19 0.00	13.51 -0.21 0.00	30.04 -0.49 0.00	29.92 -0.49 0.00	32.09 -0.58 0.00	31.86 -0.64 0.00	32.53 -0.67 0.00	33.11 -0.68 0.00	28.83 -0.55 0.00	12.81 -0.24 0.00	11.58 -0.21 0.00	8.26 -0.16 0.00	11.83 -0.24 0.00	11.06 -0.22 0.00

NM_FRONTIER___DRP 24179	26.12 -1.91 0.00	23.07 -1.66 0.00	28.30 -2.42 0.00	27.78 -2.22 0.00	28.47 -2.09 0.00	29.65 -2.20 0.00	27.88 -2.60 0.00	27.95 -2.85 0.00	23.56 -2.59 0.00	17.58 -1.82 0.00	9.85 -1.01 0.00	12.50 -1.22 0.00	27.82 -2.72 0.00	27.81 -2.60 0.00	29.86 -2.81 0.00	29.45 -3.05 0.00	30.04 -3.16 0.00	30.58 -3.21 0.00	26.52 -2.86 0.00	11.79 -1.26 0.00	10.66 -1.14 0.00	7.59 -0.83 0.00	10.94 -1.12 0.00	10.33 -0.95 0.00
NM_ST_REGIS___HYD 24053	27.98 -0.05 0.00	24.63 -0.10 0.00	30.60 -0.12 0.00	29.90 -0.10 0.00	30.42 -0.15 0.00	31.57 -0.27 0.00	30.01 -0.48 0.00	30.42 -0.37 0.00	25.89 -0.26 0.00	19.33 -0.07 0.00	10.79 -0.07 0.00	13.54 -0.18 0.00	30.11 -0.43 0.00	30.01 -0.41 0.00	32.36 -0.31 0.00	32.32 -0.18 0.00	32.94 -0.26 0.00	33.34 -0.44 0.00	28.93 -0.45 0.00	12.82 -0.23 0.00	11.58 -0.22 0.00	8.28 -0.14 0.00	11.86 -0.21 0.00	11.12 -0.16 0.00
NORTHPORT___1 23551	29.55 1.52 0.00	25.96 1.23 0.00	32.36 1.65 0.00	31.52 1.53 0.00	32.11 1.55 0.00	33.68 1.84 0.00	32.38 1.90 0.00	32.66 1.87 0.00	27.70 1.55 0.00	20.46 1.06 0.00	11.55 0.69 0.00	14.62 0.90 0.00	32.21 1.67 0.00	32.11 1.69 0.00	34.46 1.79 0.00	7.67 1.86 26.69	15.92 1.94 19.23	36.05 2.27 0.00	13.55 1.64 17.47	11.52 0.76 2.30	6.94 0.75 5.60	9.71 0.60 -0.69	12.99 0.90 -0.02	12.13 0.85 0.00
NORTHPORT___2 23552	29.55 1.52 0.00	25.96 1.23 0.00	32.36 1.65 0.00	31.52 1.53 0.00	32.11 1.55 0.00	33.68 1.84 0.00	32.38 1.90 0.00	32.66 1.87 0.00	27.70 1.55 0.00	20.46 1.06 0.00	11.55 0.69 0.00	14.62 0.90 0.00	32.21 1.67 0.00	32.11 1.69 0.00	34.46 1.79 0.00	7.67 1.86 26.69	15.92 1.94 19.23	36.05 2.27 0.00	13.55 1.64 17.47	11.52 0.76 2.30	6.94 0.75 5.60	9.71 0.60 -0.69	12.99 0.90 -0.02	12.13 0.85 0.00
NORTHPORT___3 23553	29.55 1.52 0.00	25.97 1.23 0.00	32.36 1.65 0.00	31.52 1.53 0.00	32.11 1.55 0.00	33.68 1.84 0.00	32.38 1.89 0.00	32.66 1.86 0.00	27.70 1.55 0.00	20.48 1.08 0.00	11.55 0.69 0.00	14.63 0.91 0.00	32.24 1.70 0.00	32.14 1.73 0.00	34.48 1.82 0.00	18.68 1.86 15.68	23.86 1.95 11.30	36.04 2.26 0.00	20.75 1.63 10.26	12.46 0.76 1.35	9.24 0.74 3.29	9.64 0.60 -0.63	12.99 0.90 -0.02	12.13 0.84 0.00
NORTHPORT___4 23650	29.55 1.52 0.00	25.97 1.23 0.00	32.36 1.65 0.00	31.52 1.53 0.00	32.11 1.55 0.00	33.68 1.84 0.00	32.38 1.89 0.00	32.66 1.86 0.00	27.70 1.55 0.00	20.48 1.08 0.00	11.55 0.69 0.00	14.63 0.91 0.00	32.24 1.70 0.00	32.14 1.73 0.00	34.48 1.82 0.00	18.68 1.86 15.68	23.86 1.95 11.30	36.04 2.26 0.00	20.75 1.63 10.26	12.46 0.76 1.35	9.24 0.74 3.29	9.64 0.60 -0.63	12.99 0.90 -0.02	12.13 0.84 0.00
NORTHPORT___IC 23718	29.55 1.53 0.00	25.97 1.23 0.00	32.36 1.65 0.00	31.52 1.53 0.00	32.11 1.55 0.00	33.68 1.84 0.00	32.38 1.90 0.00	32.66 1.87 0.00	27.70 1.55 0.00	20.47 1.07 0.00	11.55 0.69 0.00	14.63 0.90 0.00	32.21 1.67 0.00	32.11 1.70 0.00	34.46 1.80 0.00	7.67 1.87 26.69	15.92 1.94 19.23	36.05 2.27 0.00	13.55 1.64 17.47	11.52 0.76 2.30	6.94 0.75 5.60	9.71 0.60 -0.69	12.99 0.91 -0.02	12.13 0.85 0.00
NORTH___COUNTRY_ESR 323785	27.60 -0.43 0.00	24.27 -0.46 0.00	30.32 -0.40 0.00	29.61 -0.39 0.00	30.09 -0.48 0.00	31.25 -0.59 0.00	29.86 -0.62 0.00	30.35 -0.45 0.00	25.78 -0.37 0.00	19.11 -0.28 0.00	10.66 -0.20 0.00	13.36 -0.36 0.00	29.74 -0.79 0.00	29.68 -0.72 0.00	32.09 -0.57 0.00	32.31 -0.19 0.00	32.95 -0.25 0.00	33.42 -0.37 0.00	29.03 -0.36 0.00	12.88 -0.17 0.00	11.63 -0.17 0.00	8.32 -0.10 0.00	11.90 -0.17 0.00	11.11 -0.17 0.00
NPX_GEN_1385_PROXY 323591	29.88 1.85 0.00	26.19 1.46 0.00	32.95 2.23 0.00	32.00 2.00 0.00	32.59 2.03 0.00	34.30 2.46 0.00	32.75 2.51 0.24	35.74 2.57 -2.38	28.24 2.09 0.00	20.73 1.33 0.00	11.59 0.73 0.00	14.69 0.97 0.00	32.12 1.58 0.00	31.93 1.52 0.00	34.32 1.66 0.00	7.76 1.95 26.69	16.28 2.31 19.23	51.25 3.04 -14.43	22.25 2.31 9.44	14.67 1.06 -0.56	7.08 0.88 5.60	9.79 0.68 -0.69	35.46 1.18 -22.21	29.49 1.11 -17.10
NPX_GEN_CSC 323557	29.80 1.77 0.00	26.13 1.40 0.00	32.52 1.80 0.00	31.68 1.68 0.00	32.28 1.71 0.00	33.90 2.06 0.00	32.42 2.18 0.24	32.94 2.14 0.00	27.91 1.76 0.00	20.60 1.20 0.00	11.59 0.73 0.00	14.69 0.97 0.00	32.40 1.86 0.00	32.31 1.90 0.00	34.84 2.17 0.00	40.10 2.41 -5.19	39.41 2.48 -3.74	36.65 2.87 0.00	34.95 2.17 -3.40	14.50 1.01 -0.45	13.99 1.02 -1.17	12.54 0.78 -3.35	13.21 1.12 -0.02	12.29 1.00 0.00
NSINS_S_GLNS_FALLS 23858	29.85 1.82 0.00	26.40 1.66 0.00	32.74 2.03 0.00	31.99 1.99 0.00	32.62 2.06 0.00	34.04 2.19 0.00	32.84 2.35 0.00	33.33 2.54 0.00	28.33 2.18 0.00	20.97 1.57 0.00	11.74 0.88 0.00	14.83 1.10 0.00	33.28 2.74 0.00	33.12 2.70 0.00	35.57 2.90 0.00	35.35 2.86 0.00	36.07 2.87 0.00	36.74 2.95 0.00	31.93 2.54 0.00	14.12 1.07 0.00	12.78 0.98 0.00	9.13 0.71 0.00	13.07 1.00 0.00	12.15 0.87 0.00
NUCOR_STEEL___DRP 24197	27.94 -0.09 0.00	24.68 -0.05 0.00	30.57 -0.14 0.00	29.87 -0.13 0.00	30.40 -0.17 0.00	31.75 -0.09 0.00	30.42 -0.06 0.00	30.67 -0.12 0.00	25.94 -0.21 0.00	19.33 -0.07 0.00	10.81 -0.05 0.00	13.68 -0.05 0.00	30.36 -0.18 0.00	30.29 -0.12 0.00	32.35 -0.31 0.00	32.21 -0.29 0.00	32.98 -0.22 0.00	33.60 -0.19 0.00	29.12 -0.27 0.00	12.97 -0.08 0.00	11.73 -0.07 0.00	8.33 -0.09 0.00	11.92 -0.14 0.00	11.16 -0.12 0.00
NUMBER_THREE_WT_PWR 323818	27.14 -0.89 0.00	23.92 -0.82 0.00	29.82 -0.90 0.00	28.80 -1.20 0.00	29.32 -1.25 0.00	30.58 -1.26 0.00	29.21 -1.27 0.00	29.53 -1.27 0.00	25.14 -1.01 0.00	18.70 -0.70 0.00	10.47 -0.39 0.00	13.23 -0.50 0.00	29.45 -1.09 0.00	29.28 -1.14 0.00	31.43 -1.24 0.00	31.44 -1.06 0.00	32.57 -0.63 0.00	33.13 -0.66 0.00	28.55 -0.83 0.00	12.53 -0.52 0.00	11.32 -0.47 0.00	8.09 -0.33 0.00	11.57 -0.50 0.00	10.80 -0.48 0.00
NYISO_LBMP_REFERENCE 24008	28.03 0.00 0.00	24.74 0.00 0.00	30.72 0.00 0.00	30.00 0.00 0.00	30.57 0.00 0.00	31.84 0.00 0.00	30.48 0.00 0.00	30.79 0.00 0.00	26.15 0.00 0.00	19.40 0.00 0.00	10.86 0.00 0.00	13.72 0.00 0.00	30.54 0.00 0.00	30.41 0.00 0.00	32.67 0.00 0.00	32.50 0.00 0.00	33.20 0.00 0.00	33.79 0.00 0.00	29.39 0.00 0.00	13.05 0.00 0.00	11.79 0.00 0.00	8.42 0.00 0.00	12.06 0.00 0.00	11.28 0.00 0.00
NYPA_BRENTWD____GT 24164	29.92 1.89 0.00	26.28 1.54 0.00	32.73 2.02 0.00	31.88 1.88 0.00	32.48 1.92 0.00	34.07 2.23 0.00	32.76 2.27 0.00	33.07 2.28 0.00	28.03 1.88 0.00	20.72 1.33 0.00	11.67 0.81 0.00	14.79 1.06 0.00	32.64 2.10 0.00	32.58 2.16 0.00	34.98 2.32 0.00	39.49 2.51 -4.48	39.03 2.61 -3.23	36.61 2.82 0.00	34.54 2.22 -2.94	14.43 1.00 -0.38	13.70 0.96 -0.95	10.11 0.72 -0.98	13.15 1.06 -0.02	12.26 0.98 0.00

NYPA_GOWANUS____GT5 24156	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NYPA_GOWANUS____GT6 24157	29.61 1.59 0.00	26.13 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.47 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.06 0.78 0.00
NYPA_HARLEM__RVR__GT1 24160	29.48 1.45 0.00	25.98 1.24 0.00	32.37 1.65 0.00	31.56 1.56 0.00	32.13 1.56 0.00	33.60 1.75 0.00	32.32 1.83 0.00	32.74 1.95 0.00	27.81 1.66 0.00	20.57 1.17 0.00	11.56 0.70 0.00	14.61 0.88 0.00	32.51 1.98 0.00	32.69 2.09 -0.18	34.86 2.20 0.00	34.68 2.19 0.00	35.45 2.25 0.00	36.11 2.32 0.00	31.30 1.92 0.00	13.90 0.85 0.00	12.56 0.76 0.00	9.00 0.58 0.00	12.87 0.80 0.00	11.98 0.70 0.00
NYPA_HARLEM__RVR__GT2 24161	29.48 1.45 0.00	25.98 1.24 0.00	32.37 1.65 0.00	31.56 1.56 0.00	32.13 1.56 0.00	33.60 1.75 0.00	32.32 1.83 0.00	32.74 1.95 0.00	27.81 1.66 0.00	20.57 1.17 0.00	11.56 0.70 0.00	14.61 0.88 0.00	32.51 1.98 0.00	32.69 2.09 -0.18	34.86 2.20 0.00	34.68 2.19 0.00	35.45 2.25 0.00	36.11 2.32 0.00	31.30 1.92 0.00	13.90 0.85 0.00	12.56 0.76 0.00	9.00 0.58 0.00	12.87 0.80 0.00	11.98 0.70 0.00
NYPA_KENT____GT 24152	29.61 1.58 0.00	26.12 1.39 0.00	32.50 1.79 0.00	31.70 1.70 0.00	32.28 1.72 0.00	33.75 1.90 0.00	32.46 1.98 0.00	32.91 2.12 0.00	27.96 1.81 0.00	20.69 1.29 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.94 2.28 0.00	34.75 2.26 0.00	35.63 2.43 0.00	36.32 2.53 0.00	31.47 2.09 0.00	13.97 0.92 0.00	12.63 0.83 0.00	9.02 0.60 0.00	12.92 0.85 0.00	12.06 0.77 0.00
NYPA_POUCH1____GT 24155	29.63 1.61 0.00	26.21 1.47 0.00	32.60 1.88 0.00	31.80 1.80 0.00	32.38 1.81 0.00	33.85 2.00 0.00	32.55 2.07 0.00	32.85 2.06 0.00	27.91 1.76 0.00	20.64 1.25 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.56 2.02 0.00	32.64 2.04 -0.18	34.81 2.14 0.00	34.64 2.14 0.00	35.58 2.38 0.00	36.29 2.50 0.00	31.47 2.09 0.00	13.98 0.93 0.00	12.64 0.84 0.00	9.02 0.60 0.00	12.93 0.87 0.00	12.07 0.79 0.00
NYPA_VERNON____GT2 24162	29.62 1.59 0.00	26.11 1.38 0.00	32.49 1.78 0.00	31.69 1.69 0.00	32.28 1.71 0.00	33.75 1.90 0.00	32.46 1.97 0.00	32.89 2.10 0.00	27.95 1.80 0.00	20.68 1.29 0.00	11.61 0.75 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.19	34.94 2.28 0.00	34.76 2.26 0.00	35.59 2.39 0.00	36.28 2.49 0.00	31.43 2.04 0.00	13.95 0.91 0.00	12.61 0.82 0.00	9.02 0.59 0.00	12.92 0.85 0.00	12.05 0.77 0.00
NYPA_VERNON____GT3 24163	29.62 1.59 0.00	26.11 1.38 0.00	32.49 1.78 0.00	31.69 1.69 0.00	32.28 1.71 0.00	33.75 1.90 0.00	32.46 1.97 0.00	32.89 2.10 0.00	27.95 1.80 0.00	20.68 1.29 0.00	11.61 0.75 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.19	34.94 2.28 0.00	34.76 2.26 0.00	35.59 2.39 0.00	36.28 2.49 0.00	31.43 2.04 0.00	13.95 0.91 0.00	12.61 0.82 0.00	9.02 0.59 0.00	12.92 0.85 0.00	12.05 0.77 0.00
NYPA____ASTORIA_CC1 323568	29.59 1.56 0.00	26.09 1.36 0.00	32.47 1.76 0.00	31.68 1.67 0.00	32.26 1.69 0.00	33.72 1.88 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.11 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.24 2.46 0.00	31.42 2.03 0.00	13.95 0.90 0.00	12.60 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
NYPA____ASTORIA_CC2 323569	29.59 1.56 0.00	26.09 1.36 0.00	32.47 1.76 0.00	31.68 1.67 0.00	32.26 1.69 0.00	33.72 1.88 0.00	32.43 1.94 0.00	32.87 2.07 0.00	27.92 1.77 0.00	20.67 1.27 0.00	11.61 0.75 0.00	14.68 0.96 0.00	32.65 2.11 0.00	32.74 2.14 -0.18	34.92 2.26 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.24 2.46 0.00	31.42 2.03 0.00	13.95 0.90 0.00	12.60 0.81 0.00	9.01 0.59 0.00	12.90 0.84 0.00	12.04 0.76 0.00
NYPA____HOLTSVILL 23794	29.68 1.65 0.00	26.06 1.32 0.00	32.44 1.72 0.00	31.61 1.61 0.00	32.20 1.63 0.00	33.79 1.94 0.00	32.51 2.02 0.00	32.78 1.99 0.00	27.80 1.65 0.00	20.54 1.15 0.00	11.57 0.71 0.00	14.66 0.94 0.00	32.31 1.78 0.00	32.21 1.80 0.00	34.65 1.98 0.00	40.08 2.12 -5.45	39.31 2.18 -3.92	36.32 2.53 0.00	34.84 1.89 -3.57	14.39 0.87 -0.47	13.91 0.88 -1.23	12.45 0.68 -3.35	13.08 1.00 -0.02	12.19 0.91 0.00
NYPA____HELLGATE_GT1 24158	29.48 1.45 0.00	25.98 1.24 0.00	32.37 1.65 0.00	31.56 1.56 0.00	32.13 1.56 0.00	33.60 1.75 0.00	32.32 1.83 0.00	32.74 1.95 0.00	27.81 1.66 0.00	20.57 1.17 0.00	11.56 0.70 0.00	14.61 0.88 0.00	32.51 1.98 0.00	32.69 2.09 -0.18	34.86 2.20 0.00	34.68 2.19 0.00	35.45 2.25 0.00	36.11 2.32 0.00	31.28 1.90 0.00	13.90 0.85 0.00	12.56 0.76 0.00	9.00 0.58 0.00	12.87 0.80 0.00	11.98 0.70 0.00
NYPA____HELLGATE_GT2 24159	29.48 1.45 0.00	25.98 1.24 0.00	32.37 1.65 0.00	31.56 1.56 0.00	32.13 1.56 0.00	33.60 1.75 0.00	32.32 1.83 0.00	32.74 1.95 0.00	27.81 1.66 0.00	20.57 1.17 0.00	11.56 0.70 0.00	14.61 0.88 0.00	32.51 1.98 0.00	32.69 2.09 -0.18	34.86 2.20 0.00	34.68 2.19 0.00	35.45 2.25 0.00	36.11 2.32 0.00	31.28 1.90 0.00	13.90 0.85 0.00	12.56 0.76 0.00	9.00 0.58 0.00	12.87 0.80 0.00	11.98 0.70 0.00
NYS_BARGE____HYD 23848	26.57 -1.46 0.00	23.46 -1.28 0.00	28.77 -1.95 0.00	28.26 -1.74 0.00	28.96 -1.61 0.00	30.16 -1.69 0.00	28.39 -2.10 0.00	28.38 -2.41 0.00	23.94 -2.21 0.00	17.85 -1.54 0.00	10.01 -0.85 0.00	12.69 -1.03 0.00	28.25 -2.29 0.00	28.23 -2.18 0.00	30.33 -2.34 0.00	29.94 -2.56 0.00	30.54 -2.66 0.00	31.10 -2.68 0.00	26.98 -2.41 0.00	11.99 -1.05 0.00	10.84 -0.95 0.00	7.71 -0.71 0.00	11.14 -0.93 0.00	10.53 -0.76 0.00
OAK ORCHARD____HYD 24046	27.36 -0.67 0.00	24.14 -0.59 0.00	29.77 -0.95 0.00	29.15 -0.85 0.00	29.81 -0.75 0.00	31.08 -0.77 0.00	29.50 -0.99 0.00	29.69 -1.10 0.00	25.15 -1.00 0.00	18.71 -0.69 0.00	10.48 -0.38 0.00	13.28 -0.44 0.00	29.55 -0.98 0.00	29.47 -0.93 0.00	31.65 -1.01 0.00	31.35 -1.15 0.00	32.01 -1.19 0.00	32.60 -1.19 0.00	28.31 -1.07 0.00	12.58 -0.47 0.00	11.37 -0.43 0.00	8.09 -0.33 0.00	11.62 -0.44 0.00	10.91 -0.37 0.00

OAKDALE___35_KV_LOAD 356122	27.68 -0.34 0.00	24.46 -0.28 0.00	30.36 -0.35 0.00	29.67 -0.33 0.00	30.27 -0.29 0.00	31.50 -0.34 0.00	30.18 -0.30 0.00	30.44 -0.35 0.00	25.89 -0.26 0.00	19.19 -0.21 0.00	10.73 -0.13 0.00	13.60 -0.12 0.00	30.29 -0.25 0.00	30.17 -0.24 0.00	32.37 -0.29 0.00	32.07 -0.43 0.00	32.82 -0.38 0.00	33.41 -0.38 0.00	29.04 -0.35 0.00	12.87 -0.18 0.00	11.64 -0.16 0.00	8.30 -0.12 0.00	11.89 -0.18 0.00	11.13 -0.15 0.00
OCC_CHEM___DRP 24175	26.16 -1.86 0.00	23.11 -1.62 0.00	28.34 -2.38 0.00	27.83 -2.17 0.00	28.52 -2.05 0.00	29.70 -2.15 0.00	27.93 -2.56 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.87 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.67 0.00	27.86 -2.56 0.00	29.91 -2.75 0.00	29.51 -3.00 0.00	30.09 -3.11 0.00	30.64 -3.15 0.00	26.57 -2.81 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.96 -1.10 0.00	10.35 -0.93 0.00
OH_GEN_PROXY 24063	26.37 -1.66 0.00	23.30 -1.44 0.00	28.61 -2.10 0.00	28.08 -1.92 0.00	28.76 -1.80 0.00	29.95 -1.89 0.00	27.99 -2.25 0.24	28.32 -2.48 0.00	23.90 -2.25 0.00	17.82 -1.58 0.00	9.98 -0.88 0.00	12.67 -1.05 0.00	28.21 -2.33 0.00	28.19 -2.23 0.00	30.25 -2.42 0.00	29.84 -2.66 0.00	30.46 -2.74 0.00	31.01 -2.77 0.00	26.91 -2.48 0.00	11.95 -1.10 0.00	10.80 -1.00 0.00	7.69 -0.73 0.00	11.08 -0.99 0.00	10.45 -0.83 0.00
OLIN_CORP_DRP 24177	26.27 -1.76 0.00	23.21 -1.53 0.00	28.44 -2.27 0.00	27.94 -2.06 0.00	28.63 -1.93 0.00	29.81 -2.04 0.00	28.03 -2.46 0.00	27.97 -2.82 0.00	23.58 -2.57 0.00	17.59 -1.80 0.00	9.87 -0.99 0.00	12.51 -1.21 0.00	27.85 -2.70 0.00	27.83 -2.58 0.00	29.89 -2.77 0.00	29.50 -3.00 0.00	30.07 -3.13 0.00	30.62 -3.16 0.00	26.56 -2.82 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.99 -1.08 0.00	10.40 -0.88 0.00
OLIN_CORP_DSASP 323712	26.16 -1.86 0.00	23.11 -1.62 0.00	28.34 -2.38 0.00	27.83 -2.17 0.00	28.52 -2.05 0.00	29.70 -2.15 0.00	27.93 -2.56 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.87 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.67 0.00	27.86 -2.56 0.00	29.91 -2.75 0.00	29.51 -3.00 0.00	30.09 -3.11 0.00	30.64 -3.15 0.00	26.57 -2.81 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.96 -1.10 0.00	10.35 -0.93 0.00
ONEIDA_HERK_LFGE 323681	28.04 0.01 0.00	24.73 -0.01 0.00	30.75 0.03 0.00	29.89 -0.11 0.00	30.47 -0.10 0.00	31.77 -0.08 0.00	30.43 -0.05 0.00	30.76 -0.03 0.00	26.18 0.03 0.00	19.45 0.05 0.00	10.88 0.02 0.00	13.76 0.04 0.00	30.63 0.09 0.00	30.42 0.01 0.00	32.64 -0.02 0.00	32.55 0.05 0.00	33.46 0.25 0.00	34.02 0.23 0.00	29.49 0.11 0.00	13.03 -0.01 0.00	11.78 -0.02 0.00	8.40 -0.01 0.00	12.03 -0.04 0.00	11.23 -0.05 0.00
ONEIDA___115KV_TB4 55905	28.48 0.45 0.00	25.16 0.42 0.00	31.22 0.51 0.00	30.46 0.46 0.00	31.07 0.51 0.00	32.37 0.52 0.00	31.04 0.55 0.00	31.39 0.60 0.00	26.73 0.58 0.00	19.84 0.45 0.00	11.10 0.23 0.00	14.04 0.32 0.00	31.26 0.72 0.00	31.04 0.62 0.00	33.29 0.62 0.00	33.07 0.57 0.00	33.88 0.67 0.00	34.39 0.61 0.00	29.89 0.50 0.00	13.25 0.20 0.00	11.97 0.18 0.00	8.54 0.12 0.00	12.22 0.16 0.00	11.42 0.13 0.00
ONONDAGA_REF_OCCRA 23987	27.73 -0.29 0.00	24.49 -0.25 0.00	30.36 -0.36 0.00	29.65 -0.35 0.00	30.24 -0.32 0.00	31.50 -0.34 0.00	30.17 -0.32 0.00	30.41 -0.38 0.00	25.83 -0.32 0.00	19.18 -0.21 0.00	10.73 -0.13 0.00	13.59 -0.14 0.00	30.23 -0.31 0.00	30.10 -0.31 0.00	32.27 -0.39 0.00	32.05 -0.45 0.00	32.74 -0.46 0.00	33.32 -0.47 0.00	29.01 -0.37 0.00	12.89 -0.16 0.00	11.65 -0.15 0.00	8.30 -0.12 0.00	11.89 -0.17 0.00	11.13 -0.15 0.00
ONONDAGA___COGEN 23986	27.73 -0.29 0.00	24.48 -0.25 0.00	30.36 -0.36 0.00	29.65 -0.35 0.00	30.24 -0.32 0.00	31.50 -0.34 0.00	30.16 -0.32 0.00	30.40 -0.40 0.00	25.80 -0.35 0.00	19.17 -0.22 0.00	10.73 -0.13 0.00	13.58 -0.15 0.00	30.18 -0.36 0.00	30.07 -0.35 0.00	32.23 -0.44 0.00	32.01 -0.49 0.00	32.70 -0.50 0.00	33.29 -0.49 0.00	28.98 -0.40 0.00	12.88 -0.17 0.00	11.64 -0.15 0.00	8.29 -0.12 0.00	11.88 -0.18 0.00	11.12 -0.16 0.00
ONTARIO___LFGE 23819	27.68 -0.34 0.00	24.44 -0.30 0.00	30.20 -0.52 0.00	29.53 -0.47 0.00	30.18 -0.39 0.00	31.47 -0.38 0.00	30.02 -0.47 0.00	30.24 -0.55 0.00	25.65 -0.50 0.00	19.09 -0.31 0.00	10.67 -0.19 0.00	13.52 -0.20 0.00	30.04 -0.49 0.00	29.96 -0.45 0.00	32.08 -0.59 0.00	31.84 -0.67 0.00	32.58 -0.62 0.00	33.19 -0.60 0.00	28.84 -0.55 0.00	12.82 -0.23 0.00	11.59 -0.21 0.00	8.24 -0.17 0.00	11.82 -0.24 0.00	11.06 -0.22 0.00
ORANGEVILLE_WT_PWR 323706	25.83 -2.20 0.00	22.83 -1.91 0.00	28.09 -2.62 0.00	27.53 -2.47 0.00	28.20 -2.36 0.00	29.35 -2.49 0.00	27.85 -2.64 0.00	28.03 -2.76 0.00	23.87 -2.28 0.00	17.72 -1.68 0.00	9.91 -0.95 0.00	12.58 -1.15 0.00	28.02 -2.52 0.00	28.05 -2.36 0.00	30.17 -2.49 0.00	29.73 -2.77 0.00	30.35 -2.85 0.00	30.98 -2.81 0.00	26.89 -2.49 0.00	11.90 -1.15 0.00	10.74 -1.05 0.00	7.64 -0.78 0.00	10.96 -1.11 0.00	10.32 -0.96 0.00
ORANGEVILLE___ESR 323794	25.83 -2.20 0.00	22.83 -1.91 0.00	28.09 -2.62 0.00	27.53 -2.47 0.00	28.20 -2.36 0.00	29.35 -2.49 0.00	27.85 -2.64 0.00	28.03 -2.76 0.00	23.87 -2.28 0.00	17.72 -1.68 0.00	9.91 -0.95 0.00	12.58 -1.15 0.00	28.02 -2.52 0.00	28.05 -2.36 0.00	30.17 -2.49 0.00	29.73 -2.77 0.00	30.35 -2.85 0.00	30.98 -2.81 0.00	26.89 -2.49 0.00	11.90 -1.15 0.00	10.74 -1.05 0.00	7.64 -0.78 0.00	10.96 -1.11 0.00	10.32 -0.96 0.00
OSWEGATCHIE___HYD 24044	27.46 -0.57 0.00	24.15 -0.59 0.00	29.95 -0.76 0.00	29.11 -0.89 0.00	29.64 -0.93 0.00	30.81 -1.03 0.00	29.33 -1.15 0.00	29.68 -1.11 0.00	25.27 -0.88 0.00	18.85 -0.55 0.00	10.55 -0.31 0.00	13.29 -0.43 0.00	29.57 -0.97 0.00	29.41 -1.00 0.00	31.64 -1.02 0.00	31.56 -0.94 0.00	32.37 -0.83 0.00	32.77 -1.01 0.00	28.37 -1.02 0.00	12.51 -0.53 0.00	11.31 -0.49 0.00	8.07 -0.34 0.00	11.57 -0.49 0.00	10.84 -0.44 0.00
OSWEGO___5 23606	27.32 -0.70 0.00	24.12 -0.61 0.00	29.92 -0.80 0.00	29.23 -0.77 0.00	29.80 -0.76 0.00	31.04 -0.81 0.00	29.69 -0.80 0.00	29.90 -0.89 0.00	25.36 -0.79 0.00	18.84 -0.55 0.00	10.55 -0.31 0.00	13.35 -0.38 0.00	29.67 -0.87 0.00	29.56 -0.85 0.00	31.71 -0.95 0.00	31.50 -1.00 0.00	32.15 -1.05 0.00	32.72 -1.07 0.00	28.50 -0.89 0.00	12.67 -0.38 0.00	11.45 -0.34 0.00	8.17 -0.25 0.00	11.70 -0.36 0.00	10.95 -0.33 0.00
OSWEGO___6 23613	27.32 -0.70 0.00	24.12 -0.61 0.00	29.92 -0.80 0.00	29.23 -0.77 0.00	29.80 -0.76 0.00	31.04 -0.81 0.00	29.69 -0.80 0.00	29.90 -0.89 0.00	25.36 -0.79 0.00	18.84 -0.55 0.00	10.55 -0.31 0.00	13.35 -0.38 0.00	29.67 -0.87 0.00	29.56 -0.85 0.00	31.71 -0.95 0.00	31.50 -1.00 0.00	32.15 -1.05 0.00	32.72 -1.07 0.00	28.50 -0.89 0.00	12.67 -0.38 0.00	11.45 -0.34 0.00	8.17 -0.25 0.00	11.70 -0.36 0.00	10.95 -0.33 0.00

OUTOKUMPU-AB___DRP 24206	26.62 -1.41 0.00	23.51 -1.23 0.00	28.83 -1.88 0.00	28.30 -1.70 0.00	29.01 -1.55 0.00	30.20 -1.64 0.00	28.45 -2.03 0.00	28.52 -2.28 0.00	24.08 -2.07 0.00	17.95 -1.44 0.00	10.07 -0.79 0.00	12.78 -0.94 0.00	28.44 -2.10 0.00	28.43 -1.98 0.00	30.52 -2.14 0.00	30.12 -2.38 0.00	30.72 -2.48 0.00	31.29 -2.50 0.00	27.13 -2.25 0.00	12.05 -0.99 0.00	10.89 -0.90 0.00	7.75 -0.66 0.00	11.18 -0.89 0.00	10.55 -0.73 0.00
OXBOW___BTM 323836	26.35 -1.67 0.00	23.28 -1.46 0.00	28.56 -2.16 0.00	28.02 -1.98 0.00	28.72 -1.84 0.00	29.91 -1.94 0.00	28.15 -2.34 0.00	28.22 -2.57 0.00	23.81 -2.34 0.00	17.76 -1.64 0.00	9.96 -0.90 0.00	12.63 -1.09 0.00	28.12 -2.42 0.00	28.12 -2.30 0.00	30.19 -2.48 0.00	29.77 -2.73 0.00	30.37 -2.83 0.00	30.92 -2.87 0.00	26.82 -2.57 0.00	11.92 -1.13 0.00	10.77 -1.03 0.00	7.67 -0.75 0.00	11.06 -1.01 0.00	10.43 -0.85 0.00
OXBOW___ 24026	26.35 -1.68 0.00	23.28 -1.46 0.00	28.56 -2.16 0.00	28.02 -1.98 0.00	28.72 -1.84 0.00	29.90 -1.94 0.00	28.15 -2.34 0.00	28.22 -2.58 0.00	23.81 -2.34 0.00	17.76 -1.64 0.00	9.96 -0.90 0.00	12.64 -1.09 0.00	28.12 -2.42 0.00	28.11 -2.30 0.00	30.19 -2.48 0.00	29.78 -2.73 0.00	30.38 -2.82 0.00	30.92 -2.86 0.00	26.82 -2.57 0.00	11.92 -1.13 0.00	10.77 -1.03 0.00	7.67 -0.75 0.00	11.06 -1.01 0.00	10.43 -0.85 0.00
OXY_CHEM_DSASP 323612	26.16 -1.86 0.00	23.11 -1.62 0.00	28.34 -2.38 0.00	27.83 -2.17 0.00	28.52 -2.05 0.00	29.70 -2.15 0.00	27.93 -2.56 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.87 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.67 0.00	27.86 -2.56 0.00	29.91 -2.75 0.00	29.51 -3.00 0.00	30.09 -3.11 0.00	30.64 -3.15 0.00	26.57 -2.81 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.96 -1.10 0.00	10.35 -0.93 0.00
OZONE_PARK_ESR 323760	29.78 1.75 0.00	26.26 1.53 0.00	32.66 1.95 0.00	31.86 1.86 0.00	32.45 1.88 0.00	33.93 2.08 0.00	32.65 2.16 0.00	33.09 2.30 0.00	28.10 1.95 0.00	20.80 1.41 0.00	11.68 0.82 0.00	14.78 1.06 0.00	32.87 2.33 0.00	32.94 2.34 -0.18	35.16 2.50 0.00	34.97 2.47 0.00	35.80 2.60 0.00	36.52 2.74 0.00	31.63 2.24 0.00	14.03 0.98 0.00	12.68 0.89 0.00	9.06 0.64 0.00	12.99 0.93 0.00	12.12 0.84 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.16 -1.86 0.00	23.11 -1.62 0.00	28.34 -2.38 0.00	27.83 -2.17 0.00	28.52 -2.05 0.00	29.70 -2.15 0.00	27.93 -2.56 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.87 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.67 0.00	27.86 -2.56 0.00	29.91 -2.75 0.00	29.51 -3.00 0.00	30.09 -3.11 0.00	30.64 -3.15 0.00	26.57 -2.81 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.96 -1.10 0.00	10.35 -0.93 0.00
PACKARD__115KV_DUPONT_184 80571	26.16 -1.86 0.00	23.11 -1.62 0.00	28.34 -2.37 0.00	27.83 -2.17 0.00	28.52 -2.05 0.00	29.70 -2.15 0.00	27.93 -2.56 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.87 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.67 0.00	27.86 -2.55 0.00	29.91 -2.75 0.00	29.50 -3.01 0.00	30.09 -3.11 0.00	30.64 -3.15 0.00	26.57 -2.82 0.00	11.81 -1.24 0.00	10.68 -1.12 0.00	7.60 -0.82 0.00	10.96 -1.10 0.00	10.35 -0.93 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.48 1.45 0.00	25.98 1.24 0.00	32.35 1.64 0.00	31.54 1.54 0.00	32.13 1.56 0.00	33.59 1.75 0.00	32.31 1.82 0.00	32.73 1.94 0.00	27.81 1.66 0.00	20.58 1.18 0.00	11.56 0.70 0.00	14.61 0.88 0.00	32.51 1.97 0.00	32.61 2.01 -0.18	34.78 2.12 0.00	34.61 2.11 0.00	35.40 2.20 0.00	36.09 2.31 0.00	31.29 1.90 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.99 0.57 0.00	12.87 0.80 0.00	12.00 0.72 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.98 1.96 0.00	26.44 1.70 0.00	32.92 2.21 0.00	32.11 2.11 0.00	32.71 2.15 0.00	34.21 2.36 0.00	32.91 2.42 0.00	33.34 2.55 0.00	28.30 2.15 0.00	20.95 1.55 0.00	11.77 0.91 0.00	14.88 1.15 0.00	33.11 2.57 0.00	33.19 2.59 -0.18	35.44 2.77 0.00	35.25 2.75 0.00	36.06 2.86 0.00	36.75 2.96 0.00	31.84 2.45 0.00	14.14 1.10 0.00	12.79 0.99 0.00	9.14 0.73 0.00	13.09 1.03 0.00	12.21 0.93 0.00
PATROON__115KV_TB1 80586	29.04 1.01 0.00	25.62 0.89 0.00	31.83 1.12 0.00	31.09 1.10 0.00	31.68 1.12 0.00	33.02 1.18 0.00	31.67 1.19 0.00	32.04 1.24 0.00	27.21 1.06 0.00	20.13 0.74 0.00	11.29 0.43 0.00	14.30 0.57 0.00	31.86 1.32 0.00	31.71 1.30 0.00	34.03 1.37 0.00	33.86 1.36 0.00	34.58 1.38 0.00	35.19 1.40 0.00	30.62 1.23 0.00	13.60 0.55 0.00	12.30 0.51 0.00	8.78 0.36 0.00	12.58 0.52 0.00	11.74 0.46 0.00
PATTRSNVILLE___SOLAR 323815	28.74 0.72 0.00	25.36 0.63 0.00	31.48 0.76 0.00	30.74 0.74 0.00	31.33 0.77 0.00	32.64 0.80 0.00	31.30 0.82 0.00	31.68 0.89 0.00	26.89 0.74 0.00	19.94 0.54 0.00	11.14 0.28 0.00	14.07 0.34 0.00	31.38 0.84 0.00	31.26 0.84 0.00	33.50 0.83 0.00	33.45 0.95 0.00	34.22 1.02 0.00	34.82 1.04 0.00	30.28 0.90 0.00	13.44 0.39 0.00	12.15 0.35 0.00	8.67 0.25 0.00	12.42 0.35 0.00	11.60 0.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.86 -1.16 0.00	23.73 -1.00 0.00	29.17 -1.55 0.00	28.61 -1.39 0.00	29.29 -1.27 0.00	30.50 -1.34 0.00	28.84 -1.64 0.00	28.97 -1.83 0.00	24.49 -1.66 0.00	18.24 -1.16 0.00	10.22 -0.64 0.00	13.00 -0.73 0.00	28.94 -1.60 0.00	28.94 -1.48 0.00	31.06 -1.61 0.00	30.62 -1.88 0.00	31.26 -1.94 0.00	31.83 -1.95 0.00	27.63 -1.76 0.00	12.25 -0.80 0.00	11.07 -0.73 0.00	7.88 -0.54 0.00	11.33 -0.73 0.00	10.68 -0.60 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.60 1.57 0.00	26.10 1.37 0.00	32.45 1.73 0.00	31.66 1.66 0.00	32.24 1.67 0.00	33.69 1.85 0.00	32.40 1.92 0.00	32.84 2.04 0.00	27.91 1.76 0.00	20.66 1.27 0.00	11.62 0.76 0.00	14.71 0.98 0.00	32.70 2.17 0.00	32.55 2.13 0.00	34.94 2.28 0.00	34.74 2.24 0.00	35.55 2.35 0.00	36.21 2.42 0.00	31.40 2.02 0.00	13.94 0.89 0.00	12.61 0.81 0.00	9.00 0.58 0.00	12.90 0.84 0.00	12.05 0.77 0.00
PEEKSKILL___ 23653	29.32 1.29 0.00	25.86 1.13 0.00	32.14 1.43 0.00	31.36 1.37 0.00	31.93 1.37 0.00	33.37 1.53 0.00	32.09 1.61 0.00	32.51 1.71 0.00	27.62 1.46 0.00	20.43 1.03 0.00	11.47 0.61 0.00	14.51 0.79 0.00	32.27 1.73 0.00	32.14 1.73 0.00	34.51 1.85 0.00	34.31 1.81 0.00	35.12 1.92 0.00	35.80 2.01 0.00	31.03 1.65 0.00	13.78 0.73 0.00	12.46 0.66 0.00	8.90 0.48 0.00	12.76 0.69 0.00	11.92 0.64 0.00
PGE MADISON___WINDPWR 24146	28.42 0.39 0.00	25.03 0.29 0.00	31.02 0.30 0.00	30.38 0.38 0.00	31.01 0.45 0.00	32.17 0.33 0.00	31.04 0.55 0.00	31.40 0.60 0.00	27.04 0.89 0.00	19.96 0.56 0.00	11.16 0.30 0.00	14.03 0.30 0.00	31.20 0.66 0.00	31.31 0.89 0.00	33.66 0.99 0.00	33.11 0.61 0.00	34.81 1.61 0.00	35.42 1.63 0.00	30.26 0.87 0.00	13.26 0.22 0.00	11.95 0.15 0.00	8.48 0.06 0.00	12.11 0.05 0.00	11.30 0.01 0.00

PIERCEFIELD___HYD 23852	27.96 -0.07 0.00	24.64 -0.10 0.00	30.55 -0.16 0.00	29.86 -0.13 0.00	30.39 -0.17 0.00	31.53 -0.31 0.00	29.93 -0.55 0.00	30.30 -0.49 0.00	25.79 -0.36 0.00	19.28 -0.11 0.00	10.77 -0.09 0.00	13.53 -0.19 0.00	30.09 -0.45 0.00	29.98 -0.43 0.00	32.31 -0.35 0.00	32.16 -0.34 0.00	32.77 -0.43 0.00	33.16 -0.63 0.00	28.77 -0.61 0.00	12.74 -0.30 0.00	11.51 -0.28 0.00	8.22 -0.19 0.00	11.80 -0.27 0.00	11.08 -0.20 0.00
PINELAWN_CC_1 323563	29.75 1.73 0.00	26.15 1.42 0.00	32.56 1.84 0.00	31.72 1.72 0.00	32.31 1.74 0.00	33.88 2.03 0.00	32.59 2.10 0.00	32.91 2.11 0.00	27.92 1.77 0.00	20.64 1.24 0.00	11.62 0.76 0.00	14.71 0.99 0.00	32.51 1.97 0.00	32.43 2.02 0.00	34.88 2.21 0.00	35.70 2.31 -0.89	36.25 2.41 -0.64	36.45 2.66 0.00	31.99 2.03 -0.58	14.05 0.93 -0.08	12.87 0.89 -0.19	10.02 0.68 -0.92	13.08 0.99 -0.02	12.18 0.90 0.00
PJM_GEN_HTTP_PROXY 323702	29.48 1.45 0.00	26.00 1.27 0.00	32.37 1.66 0.00	31.59 1.59 0.00	32.17 1.60 0.00	33.62 1.78 0.00	32.34 1.86 0.00	32.78 1.98 0.00	27.84 1.68 0.00	20.60 1.21 0.00	11.56 0.70 0.00	14.62 0.90 0.00	32.51 1.97 0.00	32.38 1.97 0.01	34.76 2.10 0.00	34.56 2.06 0.00	35.38 2.18 0.00	36.09 2.30 0.00	31.27 1.88 0.00	13.87 0.82 0.00	12.54 0.75 0.00	8.96 0.54 0.00	12.85 0.79 0.00	12.00 0.72 0.00
PJM_GEN_KEystone 24065	27.89 -0.14 0.00	24.66 -0.08 0.00	30.55 -0.17 0.00	29.88 -0.12 0.00	30.48 -0.09 0.00	31.77 -0.07 0.00	30.40 -0.09 0.00	30.71 -0.08 0.00	26.05 -0.10 0.00	19.30 -0.10 0.00	10.81 -0.05 0.00	13.72 -0.01 0.00	30.55 0.01 0.00	30.46 0.03 -0.01	32.68 0.01 0.00	32.34 -0.16 0.00	33.09 -0.11 0.00	33.69 -0.10 0.00	29.25 -0.14 0.00	12.97 -0.08 0.00	11.73 -0.07 0.00	8.36 -0.05 0.00	12.00 -0.06 0.00	11.26 -0.03 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.47 1.44 0.00	25.94 1.20 0.00	32.28 1.57 0.00	31.47 1.47 0.00	32.05 1.49 0.00	33.59 1.74 0.00	32.29 1.81 0.00	32.61 1.81 0.00	27.69 1.54 0.00	20.48 1.09 0.00	11.53 0.67 0.00	14.60 0.88 0.00	32.31 1.77 0.00	32.22 1.81 0.00	34.57 1.91 0.00	34.45 1.95 0.00	35.24 2.04 0.00	36.06 2.27 0.00	31.09 1.71 0.00	13.84 0.79 0.00	12.55 0.75 0.00	9.65 0.58 -0.65	12.92 0.84 -0.02	12.05 0.76 0.00
PJM_GEN_VFT_PROXY 323633	29.42 1.39 0.00	25.95 1.22 0.00	32.28 1.57 0.00	31.50 1.50 0.00	32.08 1.51 0.00	33.53 1.69 0.00	32.26 1.78 0.00	32.75 1.95 0.00	27.81 1.66 0.00	20.58 1.19 0.00	11.55 0.69 0.00	14.61 0.89 0.00	32.49 1.95 0.00	32.56 1.96 -0.18	34.74 2.08 0.00	34.55 2.05 0.00	35.35 2.15 0.00	36.06 2.27 0.00	31.24 1.85 0.00	13.85 0.81 0.00	12.53 0.73 0.00	8.95 0.53 0.00	12.84 0.77 0.00	11.99 0.71 0.00
PLATSBURG_115KV_PMLD1 355749	27.97 -0.05 0.00	24.60 -0.13 0.00	30.70 -0.02 0.00	30.00 0.00 0.00	30.47 -0.10 0.00	31.58 -0.27 0.00	30.23 -0.25 0.00	30.78 -0.02 0.00	26.16 0.01 0.00	19.37 -0.02 0.00	10.80 -0.05 0.00	13.54 -0.18 0.00	30.15 -0.39 0.00	30.08 -0.33 0.00	32.52 -0.15 0.00	32.69 0.19 0.00	33.39 0.19 0.00	33.89 0.10 0.00	29.44 0.06 0.00	13.07 0.02 0.00	11.80 0.00 0.00	8.45 0.03 0.00	12.05 -0.01 0.00	11.24 -0.04 0.00
PLEASANTVLY___LBMP 24000	29.24 1.21 0.00	25.80 1.07 0.00	32.08 1.36 0.00	31.30 1.30 0.00	31.86 1.30 0.00	33.28 1.44 0.00	31.98 1.49 0.00	32.38 1.59 0.00	27.50 1.35 0.00	20.35 0.95 0.00	11.43 0.57 0.00	14.46 0.74 0.00	32.18 1.64 0.00	32.04 1.63 0.00	34.40 1.73 0.00	34.20 1.70 0.00	34.99 1.79 0.00	35.63 1.84 0.00	30.92 1.54 0.00	13.73 0.68 0.00	12.41 0.62 0.00	8.86 0.45 0.00	12.71 0.65 0.00	11.88 0.60 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.43 1.40 0.00	25.96 1.23 0.00	32.28 1.57 0.00	31.49 1.49 0.00	32.07 1.50 0.00	33.51 1.67 0.00	32.22 1.74 0.00	32.62 1.83 0.00	27.70 1.56 0.00	20.50 1.11 0.00	11.51 0.65 0.00	14.57 0.84 0.00	32.40 1.87 0.00	32.28 1.87 0.00	34.65 1.99 0.00	34.45 1.95 0.00	35.26 2.06 0.00	35.93 2.14 0.00	31.14 1.76 0.00	13.83 0.78 0.00	12.51 0.71 0.00	8.94 0.52 0.00	12.81 0.75 0.00	11.97 0.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.43 1.40 0.00	25.96 1.23 0.00	32.28 1.57 0.00	31.49 1.49 0.00	32.07 1.50 0.00	33.51 1.67 0.00	32.22 1.74 0.00	32.62 1.83 0.00	27.70 1.56 0.00	20.50 1.11 0.00	11.51 0.65 0.00	14.57 0.84 0.00	32.40 1.87 0.00	32.28 1.87 0.00	34.65 1.99 0.00	34.45 1.95 0.00	35.26 2.06 0.00	35.93 2.14 0.00	31.14 1.76 0.00	13.83 0.78 0.00	12.51 0.71 0.00	8.94 0.52 0.00	12.81 0.75 0.00	11.97 0.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.45 1.42 0.00	25.98 1.24 0.00	32.28 1.57 0.00	31.49 1.49 0.00	32.08 1.51 0.00	33.51 1.66 0.00	32.21 1.73 0.00	32.63 1.83 0.00	27.72 1.57 0.00	20.52 1.13 0.00	11.53 0.67 0.00	14.59 0.87 0.00	32.47 1.94 0.00	32.33 1.92 0.00	34.73 2.06 0.00	34.52 2.02 0.00	35.32 2.12 0.00	35.96 2.17 0.00	31.19 1.81 0.00	13.85 0.80 0.00	12.52 0.72 0.00	8.94 0.52 0.00	12.81 0.75 0.00	11.97 0.69 0.00
POLETTI____ 23519	29.15 1.12 0.00	25.69 0.95 0.00	32.16 1.45 0.00	31.36 1.36 0.00	31.93 1.36 0.00	33.39 1.55 0.00	32.13 1.64 0.00	32.53 1.73 0.00	27.62 1.47 0.00	20.43 1.04 0.00	11.46 0.60 0.00	14.44 0.72 0.00	32.16 1.62 0.00	32.51 1.92 -0.18	34.66 1.99 0.00	34.42 1.92 0.00	35.09 1.88 0.00	35.73 1.95 0.00	30.95 1.57 0.00	13.74 0.69 0.00	12.42 0.63 0.00	8.93 0.51 0.00	12.79 0.73 0.00	11.90 0.62 0.00
POMONA___ESR 323819	29.31 1.28 0.00	25.86 1.13 0.00	32.13 1.41 0.00	31.36 1.35 0.00	31.93 1.36 0.00	33.36 1.51 0.00	32.09 1.61 0.00	32.51 1.71 0.00	27.62 1.46 0.00	20.43 1.04 0.00	11.47 0.61 0.00	14.51 0.79 0.00	32.26 1.73 0.00	32.13 1.72 0.00	34.51 1.85 0.00	34.30 1.80 0.00	35.12 1.92 0.00	35.80 2.01 0.00	31.03 1.65 0.00	13.78 0.73 0.00	12.46 0.66 0.00	8.90 0.48 0.00	12.76 0.69 0.00	11.92 0.64 0.00
PORT_JEFF_3 23555	29.69 1.66 0.00	26.06 1.33 0.00	32.44 1.73 0.00	31.61 1.61 0.00	32.20 1.63 0.00	33.79 1.95 0.00	32.51 2.03 0.00	32.76 1.97 0.00	27.78 1.63 0.00	20.55 1.15 0.00	11.58 0.71 0.00	14.67 0.94 0.00	32.27 1.73 0.00	32.14 1.73 0.00	34.57 1.90 0.00	39.68 2.05 -5.12	39.00 2.11 -3.69	36.23 2.45 0.00	34.56 1.82 -3.35	14.34 0.85 -0.44	13.84 0.88 -1.16	12.50 0.68 -3.39	13.09 1.01 -0.02	12.20 0.91 0.00
PORT_JEFF_4 23616	29.69 1.66 0.00	26.06 1.33 0.00	32.44 1.73 0.00	31.61 1.61 0.00	32.20 1.63 0.00	33.79 1.95 0.00	32.51 2.03 0.00	32.76 1.97 0.00	27.78 1.63 0.00	20.55 1.15 0.00	11.58 0.71 0.00	14.67 0.94 0.00	32.27 1.73 0.00	32.14 1.73 0.00	34.57 1.90 0.00	39.68 2.05 -5.12	39.00 2.11 -3.69	36.23 2.45 0.00	34.56 1.82 -3.35	14.34 0.85 -0.44	13.84 0.88 -1.16	12.50 0.68 -3.39	13.09 1.01 -0.02	12.20 0.91 0.00

PORT_JEFF_IC 23713	29.73 1.70 0.00	26.09 1.36 0.00	32.48 1.76 0.00	31.64 1.64 0.00	32.23 1.66 0.00	33.83 1.99 0.00	32.55 2.07 0.00	32.81 2.02 0.00	27.82 1.67 0.00	20.57 1.18 0.00	11.59 0.73 0.00	14.68 0.96 0.00	32.33 1.79 0.00	32.21 1.80 0.00	34.65 1.99 0.00	38.85 2.14 -4.21	38.43 2.19 -3.04	36.33 2.55 0.00	34.04 1.90 -2.76	14.29 0.88 -0.36	13.68 0.91 -0.97	12.66 0.70 -3.54	13.11 1.03 -0.02	12.22 0.93 0.00
PPL PILGRIM_ST_GT1 24216	29.92 1.89 0.00	26.28 1.54 0.00	32.73 2.02 0.00	31.88 1.88 0.00	32.48 1.92 0.00	34.07 2.23 0.00	32.76 2.27 0.00	33.07 2.28 0.00	28.03 1.88 0.00	20.72 1.33 0.00	11.67 0.81 0.00	14.79 1.06 0.00	32.64 2.10 0.00	32.58 2.16 0.00	34.98 2.32 0.00	39.49 2.51 -4.48	39.03 2.61 -3.23	36.61 2.82 0.00	34.54 2.22 -2.94	14.43 1.00 -0.38	13.70 0.96 -0.95	10.11 0.72 -0.98	13.15 1.06 -0.02	12.26 0.98 0.00
PPL PILGRIM_ST_GT2 24217	29.92 1.89 0.00	26.28 1.54 0.00	32.73 2.02 0.00	31.88 1.88 0.00	32.48 1.92 0.00	34.07 2.23 0.00	32.76 2.27 0.00	33.07 2.28 0.00	28.03 1.88 0.00	20.72 1.33 0.00	11.67 0.81 0.00	14.79 1.06 0.00	32.64 2.10 0.00	32.58 2.16 0.00	34.98 2.32 0.00	39.49 2.51 -4.48	39.03 2.61 -3.23	36.61 2.82 0.00	34.54 2.22 -2.94	14.43 1.00 -0.38	13.70 0.96 -0.95	10.11 0.72 -0.98	13.15 1.06 -0.02	12.26 0.98 0.00
PPL_SHRM_GT3 24213	29.80 1.77 0.00	26.13 1.40 0.00	32.52 1.81 0.00	31.68 1.68 0.00	32.28 1.71 0.00	33.90 2.06 0.00	32.67 2.18 0.00	32.94 2.14 0.00	27.91 1.76 0.00	20.60 1.20 0.00	11.59 0.73 0.00	14.69 0.97 0.00	32.40 1.86 0.00	32.30 1.89 0.00	34.83 2.16 0.00	39.77 2.39 -4.88	39.17 2.46 -3.51	36.65 2.86 0.00	34.73 2.16 -3.19	14.47 1.01 -0.42	13.93 1.02 -1.11	12.57 0.78 -3.38	13.21 1.12 -0.02	12.29 1.00 0.00
PPL_SHRM_GT4 24214	29.80 1.77 0.00	26.13 1.40 0.00	32.52 1.81 0.00	31.68 1.68 0.00	32.28 1.71 0.00	33.90 2.06 0.00	32.67 2.18 0.00	32.94 2.14 0.00	27.91 1.76 0.00	20.60 1.20 0.00	11.59 0.73 0.00	14.69 0.97 0.00	32.40 1.86 0.00	32.30 1.89 0.00	34.83 2.16 0.00	39.77 2.39 -4.88	39.17 2.46 -3.51	36.65 2.86 0.00	34.73 2.16 -3.19	14.47 1.01 -0.42	13.93 1.02 -1.11	12.57 0.78 -3.38	13.21 1.12 -0.02	12.29 1.00 0.00
PROJECT___ORANGE 1 24174	27.60 -0.43 0.00	24.37 -0.36 0.00	30.22 -0.49 0.00	29.52 -0.49 0.00	30.11 -0.46 0.00	31.37 -0.47 0.00	30.02 -0.46 0.00	30.24 -0.55 0.00	25.68 -0.47 0.00	19.07 -0.33 0.00	10.67 -0.19 0.00	13.51 -0.21 0.00	30.05 -0.49 0.00	29.92 -0.58 0.00	32.09 -0.64 0.00	31.86 -0.64 0.00	32.54 -0.66 0.00	33.11 -0.67 0.00	28.84 -0.54 0.00	12.82 -0.23 0.00	11.58 -0.21 0.00	8.26 -0.16 0.00	11.83 -0.23 0.00	11.07 -0.21 0.00
PROJECT___ORANGE 2 24166	27.60 -0.43 0.00	24.37 -0.36 0.00	30.22 -0.49 0.00	29.52 -0.49 0.00	30.11 -0.46 0.00	31.37 -0.47 0.00	30.02 -0.46 0.00	30.24 -0.55 0.00	25.68 -0.47 0.00	19.07 -0.33 0.00	10.67 -0.19 0.00	13.51 -0.21 0.00	30.05 -0.49 0.00	29.92 -0.58 0.00	32.09 -0.64 0.00	31.86 -0.64 0.00	32.54 -0.66 0.00	33.11 -0.67 0.00	28.84 -0.54 0.00	12.82 -0.23 0.00	11.58 -0.21 0.00	8.26 -0.16 0.00	11.83 -0.23 0.00	11.07 -0.21 0.00
PUCKETT___SOLAR 323809	27.88 -0.14 0.00	24.57 -0.17 0.00	30.55 -0.16 0.00	29.84 -0.16 0.00	30.44 -0.12 0.00	31.65 -0.19 0.00	30.43 -0.05 0.00	30.71 -0.08 0.00	26.17 0.02 0.00	19.38 -0.02 0.00	10.81 -0.05 0.00	13.69 -0.04 0.00	30.48 -0.06 0.00	30.36 -0.05 0.00	32.64 -0.03 0.00	32.36 -0.14 0.00	33.35 0.15 0.00	33.93 0.14 0.00	29.34 -0.04 0.00	13.00 -0.04 0.00	11.74 -0.05 0.00	8.37 -0.05 0.00	11.98 -0.08 0.00	11.20 -0.08 0.00
PYRITES___HYD 24023	28.46 0.43 0.00	25.11 0.37 0.00	31.14 0.43 0.00	30.43 0.44 0.00	30.97 0.41 0.00	32.16 0.32 0.00	30.59 0.11 0.00	30.99 0.20 0.00	26.38 0.23 0.00	19.69 0.30 0.00	10.98 0.12 0.00	13.75 0.03 0.00	30.58 0.04 0.00	30.46 0.05 0.00	32.91 0.25 0.00	32.83 0.33 0.00	33.51 0.31 0.00	33.95 0.16 0.00	29.48 0.10 0.00	13.06 0.01 0.00	11.79 0.00 0.00	8.42 0.00 0.00	12.06 0.00 0.00	11.31 0.03 0.00
QUAKERRD_115KV_BK1 80622	26.84 -1.19 0.00	23.69 -1.05 0.00	29.24 -1.48 0.00	28.62 -1.38 0.00	29.26 -1.31 0.00	30.50 -1.34 0.00	29.01 -1.48 0.00	29.20 -1.59 0.00	24.73 -1.42 0.00	18.40 -0.99 0.00	10.30 -0.56 0.00	13.06 -0.67 0.00	29.06 -1.49 0.00	28.97 -1.45 0.00	31.10 -1.57 0.00	30.83 -1.68 0.00	31.47 -1.73 0.00	32.04 -1.75 0.00	27.85 -1.54 0.00	12.37 -0.67 0.00	11.18 -0.61 0.00	7.96 -0.45 0.00	11.43 -0.64 0.00	10.71 -0.57 0.00
QUENSBRY_115KV_TB8 356137	29.90 1.88 0.00	26.45 1.71 0.00	32.79 2.07 0.00	32.04 2.04 0.00	32.68 2.11 0.00	34.10 2.26 0.00	32.93 2.44 0.00	33.44 2.65 0.00	28.43 2.28 0.00	21.03 1.64 0.00	11.78 0.92 0.00	14.87 1.14 0.00	33.39 2.85 0.00	33.24 2.83 0.00	35.71 3.04 0.00	35.49 2.99 0.00	36.20 3.00 0.00	36.88 3.10 0.00	32.05 2.66 0.00	14.16 1.11 0.00	12.82 1.02 0.00	9.16 0.74 0.00	13.11 1.04 0.00	12.18 0.90 0.00
RAMAPO___LBMP 323565	29.17 1.15 0.00	25.76 1.02 0.00	32.00 1.29 0.00	31.23 1.23 0.00	31.79 1.23 0.00	33.22 1.38 0.00	31.95 1.47 0.00	32.37 1.58 0.00	27.50 1.35 0.00	20.34 0.94 0.00	11.42 0.56 0.00	14.44 0.72 0.00	32.11 1.58 0.00	31.98 1.57 0.00	34.35 1.69 0.00	34.14 1.64 0.00	34.95 1.75 0.00	35.61 1.83 0.00	30.89 1.50 0.00	13.71 0.67 0.00	12.40 0.61 0.00	8.86 0.44 0.00	12.70 0.64 0.00	11.87 0.59 0.00
RANKINE____ 23646	26.67 -1.36 0.00	23.57 -1.17 0.00	28.93 -1.78 0.00	28.38 -1.62 0.00	29.08 -1.49 0.00	30.28 -1.57 0.00	28.61 -1.88 0.00	28.71 -2.08 0.00	24.30 -1.85 0.00	18.10 -1.29 0.00	10.14 -0.72 0.00	12.89 -0.83 0.00	28.69 -1.85 0.00	28.69 -1.73 0.00	30.80 -1.87 0.00	30.37 -2.13 0.00	31.00 -2.20 0.00	31.57 -2.21 0.00	27.39 -1.99 0.00	12.15 -0.90 0.00	10.97 -0.82 0.00	7.81 -0.61 0.00	11.24 -0.83 0.00	10.60 -0.68 0.00
RAVENSWOOD_GT2_1 24244	29.53 1.50 0.00	26.05 1.31 0.00	32.41 1.70 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.23 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.55 2.02 0.00	32.63 2.04 -0.18	34.83 2.16 0.00	34.63 2.13 0.00	35.45 2.25 0.00	36.14 2.36 0.00	31.31 1.93 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.87 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT2_2 24245	29.53 1.50 0.00	26.05 1.31 0.00	32.41 1.70 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.23 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.55 2.02 0.00	32.63 2.04 -0.18	34.83 2.16 0.00	34.63 2.13 0.00	35.45 2.25 0.00	36.14 2.36 0.00	31.31 1.93 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.87 0.81 0.00	12.02 0.74 0.00

RAVENSWOOD_GT2_3 24246	29.55 1.52 0.00	26.06 1.32 0.00	32.42 1.71 0.00	31.63 1.63 0.00	32.21 1.64 0.00	33.67 1.83 0.00	32.40 1.91 0.00	32.81 2.02 0.00	27.88 1.73 0.00	20.63 1.23 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.57 2.03 0.00	32.64 2.05 -0.18	34.84 2.18 0.00	34.65 2.15 0.00	35.47 2.27 0.00	36.16 2.37 0.00	31.33 1.94 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.98 0.56 0.00	12.88 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT2_4 24247	29.55 1.52 0.00	26.06 1.32 0.00	32.42 1.71 0.00	31.63 1.63 0.00	32.21 1.64 0.00	33.67 1.83 0.00	32.40 1.91 0.00	32.81 2.02 0.00	27.88 1.73 0.00	20.63 1.23 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.57 2.03 0.00	32.64 2.05 -0.18	34.84 2.18 0.00	34.65 2.15 0.00	35.47 2.27 0.00	36.16 2.37 0.00	31.33 1.94 0.00	13.90 0.85 0.00	12.57 0.77 0.00	8.98 0.56 0.00	12.88 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT3_1 24248	29.53 1.50 0.00	26.05 1.31 0.00	32.41 1.70 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.23 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.56 2.02 0.00	32.63 2.04 -0.18	34.83 2.17 0.00	34.63 2.13 0.00	35.45 2.25 0.00	36.14 2.36 0.00	31.31 1.93 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.87 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT3_2 24249	29.53 1.50 0.00	26.05 1.31 0.00	32.41 1.70 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.23 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.56 2.02 0.00	32.63 2.04 -0.18	34.83 2.17 0.00	34.63 2.13 0.00	35.45 2.25 0.00	36.14 2.36 0.00	31.31 1.93 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.87 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT3_3 24250	29.57 1.54 0.00	26.08 1.34 0.00	32.44 1.73 0.00	31.65 1.65 0.00	32.24 1.67 0.00	33.70 1.86 0.00	32.43 1.94 0.00	32.84 2.05 0.00	27.90 1.75 0.00	20.65 1.25 0.00	11.59 0.73 0.00	14.66 0.94 0.00	32.61 2.07 0.00	32.68 2.08 -0.18	34.88 2.21 0.00	34.69 2.19 0.00	35.51 2.31 0.00	36.19 2.41 0.00	31.36 1.97 0.00	13.92 0.87 0.00	12.58 0.78 0.00	8.99 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
RAVENSWOOD_GT3_4 24251	29.57 1.54 0.00	26.08 1.34 0.00	32.44 1.73 0.00	31.65 1.65 0.00	32.24 1.67 0.00	33.70 1.86 0.00	32.43 1.94 0.00	32.84 2.05 0.00	27.90 1.75 0.00	20.65 1.25 0.00	11.59 0.73 0.00	14.66 0.94 0.00	32.61 2.07 0.00	32.68 2.08 -0.18	34.88 2.21 0.00	34.69 2.19 0.00	35.51 2.31 0.00	36.19 2.41 0.00	31.36 1.97 0.00	13.92 0.87 0.00	12.58 0.78 0.00	8.99 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
RAVENSWOOD_GT_1 23729	29.62 1.59 0.00	26.11 1.38 0.00	32.49 1.78 0.00	31.69 1.70 0.00	32.28 1.71 0.00	33.75 1.91 0.00	32.46 1.97 0.00	32.90 2.10 0.00	27.95 1.80 0.00	20.68 1.29 0.00	11.61 0.75 0.00	14.69 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.19	34.94 2.28 0.00	34.76 2.26 0.00	35.60 2.40 0.00	36.28 2.49 0.00	31.43 2.04 0.00	13.96 0.91 0.00	12.62 0.82 0.00	9.02 0.60 0.00	12.92 0.85 0.00	12.05 0.77 0.00
RAVENSWOOD_GT_10 24258	29.53 1.50 0.00	26.05 1.31 0.00	32.41 1.69 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.22 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.55 2.01 0.00	32.63 2.04 -0.18	34.83 2.16 0.00	34.63 2.13 0.00	35.45 2.25 0.00	36.14 2.36 0.00	31.31 1.92 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.87 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT_11 24259	29.53 1.50 0.00	26.05 1.31 0.00	32.41 1.69 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.22 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.55 2.01 0.00	32.63 2.04 -0.18	34.83 2.16 0.00	34.63 2.13 0.00	35.45 2.25 0.00	36.14 2.36 0.00	31.31 1.92 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.87 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT_4 24252	29.54 1.52 0.00	26.06 1.32 0.00	32.42 1.70 0.00	31.63 1.63 0.00	32.21 1.64 0.00	33.67 1.83 0.00	32.39 1.90 0.00	32.81 2.02 0.00	27.88 1.73 0.00	20.63 1.23 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.58 2.04 0.00	32.65 2.06 -0.18	34.85 2.18 0.00	34.66 2.16 0.00	35.48 2.28 0.00	36.16 2.38 0.00	31.34 1.95 0.00	13.91 0.86 0.00	12.57 0.78 0.00	8.99 0.57 0.00	12.88 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT_5 24254	29.54 1.52 0.00	26.06 1.32 0.00	32.42 1.70 0.00	31.63 1.63 0.00	32.21 1.64 0.00	33.67 1.83 0.00	32.39 1.90 0.00	32.81 2.02 0.00	27.88 1.73 0.00	20.63 1.23 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.58 2.04 0.00	32.65 2.06 -0.18	34.85 2.18 0.00	34.66 2.16 0.00	35.48 2.28 0.00	36.16 2.38 0.00	31.34 1.95 0.00	13.91 0.86 0.00	12.57 0.78 0.00	8.99 0.57 0.00	12.88 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT_6 24253	29.54 1.52 0.00	26.06 1.32 0.00	32.42 1.70 0.00	31.63 1.63 0.00	32.21 1.64 0.00	33.67 1.83 0.00	32.39 1.90 0.00	32.81 2.02 0.00	27.88 1.73 0.00	20.63 1.23 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.58 2.04 0.00	32.65 2.06 -0.18	34.85 2.18 0.00	34.66 2.16 0.00	35.48 2.28 0.00	36.16 2.38 0.00	31.34 1.95 0.00	13.91 0.86 0.00	12.57 0.78 0.00	8.99 0.57 0.00	12.88 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT_7 24255	29.54 1.52 0.00	26.06 1.32 0.00	32.42 1.70 0.00	31.63 1.63 0.00	32.21 1.64 0.00	33.67 1.83 0.00	32.39 1.90 0.00	32.81 2.02 0.00	27.88 1.73 0.00	20.63 1.23 0.00	11.58 0.72 0.00	14.65 0.93 0.00	32.58 2.04 0.00	32.65 2.06 -0.18	34.85 2.18 0.00	34.66 2.16 0.00	35.48 2.28 0.00	36.16 2.38 0.00	31.34 1.95 0.00	13.91 0.86 0.00	12.57 0.78 0.00	8.99 0.57 0.00	12.88 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.53 1.50 0.00	26.05 1.31 0.00	32.41 1.69 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.22 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.55 2.01 0.00	32.63 2.04 -0.18	34.83 2.16 0.00	34.63 2.13 0.00	35.45 2.25 0.00	36.14 2.36 0.00	31.31 1.92 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.87 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD_GT_9 24257	29.53 1.50 0.00	26.05 1.31 0.00	32.41 1.69 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.66 1.82 0.00	32.38 1.89 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.22 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.55 2.01 0.00	32.63 2.04 -0.18	34.83 2.16 0.00	34.63 2.13 0.00	35.45 2.25 0.00	36.14 2.36 0.00	31.31 1.92 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.87 0.81 0.00	12.02 0.74 0.00

RAVENSWOOD___1 23533	29.56 1.54 0.00	26.08 1.35 0.00	32.46 1.74 0.00	31.66 1.65 0.00	32.24 1.67 0.00	33.71 1.86 0.00	32.40 1.92 0.00	32.83 2.04 0.00	27.90 1.75 0.00	20.66 1.26 0.00	11.60 0.74 0.00	14.67 0.95 0.00	32.63 2.09 0.00	32.71 2.11 -0.18	34.90 2.23 0.00	34.72 2.22 0.00	35.55 2.35 0.00	36.21 2.43 0.00	31.39 2.00 0.00	13.94 0.89 0.00	12.60 0.80 0.00	9.00 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
RAVENSWOOD___2 23534	29.56 1.54 0.00	26.08 1.35 0.00	32.46 1.74 0.00	31.66 1.65 0.00	32.24 1.67 0.00	33.71 1.86 0.00	32.40 1.92 0.00	32.83 2.04 0.00	27.90 1.75 0.00	20.66 1.26 0.00	11.60 0.74 0.00	14.67 0.95 0.00	32.63 2.09 0.00	32.71 2.11 -0.18	34.90 2.23 0.00	34.72 2.22 0.00	35.55 2.35 0.00	36.21 2.43 0.00	31.39 2.00 0.00	13.94 0.89 0.00	12.60 0.80 0.00	9.00 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
RAVENSWOOD___3 23535	29.53 1.50 0.00	26.05 1.32 0.00	32.41 1.69 0.00	31.62 1.62 0.00	32.20 1.64 0.00	33.66 1.82 0.00	32.38 1.90 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.23 0.00	11.57 0.71 0.00	14.64 0.92 0.00	32.56 2.02 0.00	32.63 2.04 -0.18	34.83 2.17 0.00	34.63 2.13 0.00	35.45 2.25 0.00	36.14 2.36 0.00	31.31 1.93 0.00	13.90 0.85 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.88 0.81 0.00	12.02 0.74 0.00
RAVENSWOOD___4 23820	29.56 1.54 0.00	26.08 1.35 0.00	32.46 1.74 0.00	31.66 1.65 0.00	32.24 1.67 0.00	33.71 1.86 0.00	32.40 1.92 0.00	32.83 2.04 0.00	27.90 1.75 0.00	20.66 1.26 0.00	11.60 0.74 0.00	14.67 0.95 0.00	32.63 2.09 0.00	32.71 2.11 -0.18	34.90 2.23 0.00	34.72 2.22 0.00	35.55 2.35 0.00	36.21 2.43 0.00	31.39 2.00 0.00	13.94 0.89 0.00	12.60 0.80 0.00	9.00 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
RCPL_TRUST___DRP 24196	29.51 1.48 0.00	26.03 1.29 0.00	32.40 1.69 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.65 1.81 0.00	32.37 1.89 0.00	32.81 2.01 0.00	27.86 1.71 0.00	20.62 1.23 0.00	11.57 0.71 0.00	14.64 0.91 0.00	32.54 2.01 0.00	32.41 2.01 0.01	34.80 2.13 0.00	34.60 2.10 0.00	35.42 2.22 0.00	36.12 2.34 0.00	31.29 1.91 0.00	13.88 0.84 0.00	12.55 0.76 0.00	8.97 0.55 0.00	12.86 0.80 0.00	12.01 0.73 0.00
RED___ROCHESTER 323720	27.53 -0.50 0.00	24.29 -0.44 0.00	29.94 -0.78 0.00	29.32 -0.68 0.00	29.99 -0.58 0.00	31.26 -0.58 0.00	29.69 -0.80 0.00	29.89 -0.90 0.00	25.32 -0.82 0.00	18.85 -0.55 0.00	10.56 -0.30 0.00	13.39 -0.33 0.00	29.78 -0.76 0.00	29.71 -0.70 0.00	31.92 -0.75 0.00	31.60 -0.90 0.00	32.26 -0.94 0.00	32.86 -0.93 0.00	28.54 -0.85 0.00	12.68 -0.37 0.00	11.46 -0.34 0.00	8.15 -0.27 0.00	11.71 -0.36 0.00	10.98 -0.30 0.00
REGAN___SOLAR 323812	28.81 0.78 0.00	25.40 0.66 0.00	31.49 0.77 0.00	30.75 0.75 0.00	31.36 0.80 0.00	32.67 0.83 0.00	31.34 0.86 0.00	31.74 0.94 0.00	26.95 0.80 0.00	20.02 0.62 0.00	11.15 0.29 0.00	14.04 0.31 0.00	31.35 0.81 0.00	31.27 0.85 0.00	33.52 0.86 0.00	33.55 1.04 0.00	34.31 1.11 0.00	34.93 1.14 0.00	30.38 1.00 0.00	13.47 0.42 0.00	12.17 0.37 0.00	8.68 0.26 0.00	12.42 0.36 0.00	11.60 0.32 0.00
RENSSELAER___COGEN 23796	28.88 0.85 0.00	25.48 0.75 0.00	31.68 0.96 0.00	30.94 0.94 0.00	31.52 0.95 0.00	32.85 1.00 0.00	31.49 1.01 0.00	31.85 1.06 0.00	27.05 0.90 0.00	20.01 0.61 0.00	11.22 0.36 0.00	14.20 0.48 0.00	31.64 1.10 0.00	31.51 1.09 0.00	33.81 1.14 0.00	33.66 1.16 0.00	34.36 1.16 0.00	34.98 1.19 0.00	30.43 1.04 0.00	13.52 0.47 0.00	12.22 0.43 0.00	8.73 0.31 0.00	12.51 0.45 0.00	11.68 0.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.01 2.98 0.00	27.36 2.63 0.00	33.84 3.12 0.00	33.08 3.08 0.00	33.76 3.20 0.00	35.31 3.46 0.00	34.46 3.97 0.00	35.21 4.41 0.00	29.96 3.81 0.00	21.99 2.60 0.00	12.25 1.39 0.00	15.49 1.76 0.00	35.04 4.50 0.00	35.07 4.65 0.00	37.81 5.15 0.00	37.59 5.09 0.00	38.34 5.14 0.00	39.16 5.37 0.00	34.01 4.62 0.00	14.92 1.87 0.00	13.48 1.68 0.00	9.63 1.21 0.00	13.76 1.69 0.00	12.72 1.44 0.00
REVERE_CPPR_DRP 24186	28.60 0.58 0.00	25.24 0.51 0.00	31.32 0.61 0.00	30.51 0.51 0.00	31.15 0.58 0.00	32.44 0.59 0.00	31.14 0.65 0.00	31.48 0.69 0.00	26.80 0.65 0.00	19.90 0.50 0.00	11.13 0.27 0.00	14.09 0.36 0.00	31.34 0.80 0.00	31.12 0.70 0.00	33.36 0.69 0.00	33.20 0.70 0.00	34.06 0.86 0.00	34.60 0.81 0.00	30.05 0.66 0.00	13.31 0.26 0.00	12.02 0.23 0.00	8.57 0.16 0.00	12.27 0.20 0.00	11.45 0.17 0.00
REYNLDPA_13_KV_LD 356490	28.20 0.17 0.00	24.87 0.14 0.00	30.90 0.18 0.00	30.17 0.17 0.00	30.72 0.15 0.00	32.01 0.16 0.00	30.57 0.09 0.00	30.93 0.13 0.00	26.28 0.13 0.00	19.51 0.11 0.00	10.90 0.04 0.00	13.73 0.01 0.00	30.55 0.01 0.00	30.44 0.03 0.00	32.79 0.12 0.00	32.72 0.21 0.00	33.41 0.21 0.00	33.96 0.18 0.00	29.52 0.14 0.00	13.09 0.04 0.00	11.83 0.03 0.00	8.45 0.03 0.00	12.09 0.02 0.00	11.31 0.03 0.00
REYNOLDS_115KV_TB3 80639	29.00 0.97 0.00	25.60 0.86 0.00	31.80 1.09 0.00	31.06 1.06 0.00	31.65 1.08 0.00	32.98 1.14 0.00	31.62 1.14 0.00	31.98 1.19 0.00	27.15 1.00 0.00	20.08 0.68 0.00	11.27 0.41 0.00	14.27 0.54 0.00	31.80 1.26 0.00	31.65 1.24 0.00	33.97 1.30 0.00	33.80 1.30 0.00	34.49 1.29 0.00	35.11 1.33 0.00	30.56 1.17 0.00	13.58 0.53 0.00	12.28 0.48 0.00	8.77 0.35 0.00	12.57 0.51 0.00	11.73 0.45 0.00
RIVERBAY____ 323610	29.98 1.96 0.00	26.44 1.70 0.00	32.92 2.21 0.00	32.11 2.11 0.00	32.71 2.15 0.00	34.21 2.36 0.00	32.91 2.42 0.00	33.34 2.55 0.00	28.30 2.15 0.00	20.95 1.55 0.00	11.77 0.91 0.00	14.88 1.15 0.00	33.11 2.57 0.00	33.19 2.59 -0.18	35.44 2.77 0.00	35.25 2.75 0.00	36.06 2.86 0.00	36.75 2.96 0.00	31.84 2.45 0.00	14.14 1.10 0.00	12.79 0.99 0.00	9.14 0.73 0.00	13.09 1.03 0.00	12.21 0.93 0.00
RIVERSDE_115KV_TB3 55908	28.97 0.94 0.00	25.56 0.82 0.00	31.77 1.05 0.00	31.02 1.02 0.00	31.61 1.04 0.00	32.95 1.10 0.00	31.58 1.10 0.00	31.94 1.15 0.00	27.13 0.98 0.00	20.07 0.67 0.00	11.26 0.40 0.00	14.25 0.53 0.00	31.76 1.22 0.00	31.62 1.21 0.00	33.93 1.27 0.00	33.76 1.27 0.00	34.47 1.27 0.00	35.08 1.30 0.00	30.53 1.14 0.00	13.56 0.51 0.00	12.27 0.47 0.00	8.76 0.34 0.00	12.55 0.49 0.00	11.72 0.44 0.00
ROARING___BROOK_WT_PWR 323790	27.27 -0.76 0.00	24.10 -0.63 0.00	30.01 -0.71 0.00	29.23 -0.77 0.00	29.76 -0.81 0.00	31.05 -0.80 0.00	29.65 -0.84 0.00	29.98 -0.81 0.00	25.49 -0.66 0.00	18.93 -0.47 0.00	10.57 -0.29 0.00	13.33 -0.39 0.00	29.72 -0.82 0.00	29.57 -0.84 0.00	31.81 -0.85 0.00	31.68 -0.82 0.00	32.50 -0.70 0.00	33.22 -0.57 0.00	28.81 -0.57 0.00	12.73 -0.32 0.00	11.48 -0.32 0.00	8.21 -0.21 0.00	11.79 -0.27 0.00	11.01 -0.27 0.00

ROCHESRG_115KV_T4 355643	27.22 -0.80 0.00	24.03 -0.70 0.00	29.63 -1.09 0.00	29.02 -0.97 0.00	29.68 -0.89 0.00	30.94 -0.90 0.00	29.36 -1.13 0.00	29.54 -1.25 0.00	25.01 -1.14 0.00	18.61 -0.79 0.00	10.42 -0.44 0.00	13.22 -0.51 0.00	29.41 -1.14 0.00	29.33 -1.09 0.00	31.50 -1.17 0.00	31.19 -1.31 0.00	31.83 -1.37 0.00	32.41 -1.37 0.00	28.16 -1.22 0.00	12.51 -0.53 0.00	11.31 -0.49 0.00	8.05 -0.37 0.00	11.57 -0.50 0.00	10.86 -0.43 0.00
ROCHESTER_9_IC 23652	27.42 -0.61 0.00	24.20 -0.53 0.00	29.83 -0.89 0.00	29.21 -0.79 0.00	29.88 -0.69 0.00	31.15 -0.70 0.00	29.57 -0.92 0.00	29.76 -1.03 0.00	25.21 -0.94 0.00	18.76 -0.64 0.00	10.51 -0.35 0.00	13.32 -0.40 0.00	29.63 -0.91 0.00	29.55 -0.86 0.00	31.74 -0.92 0.00	31.44 -1.06 0.00	32.10 -1.10 0.00	32.68 -1.11 0.00	28.39 -0.99 0.00	12.62 -0.43 0.00	11.40 -0.40 0.00	8.11 -0.30 0.00	11.65 -0.41 0.00	10.93 -0.35 0.00
ROCKVIEW_13_KV_LD 356306	29.55 1.53 0.00	26.07 1.33 0.00	32.41 1.70 0.00	31.62 1.62 0.00	32.20 1.63 0.00	33.65 1.81 0.00	32.36 1.88 0.00	32.77 1.97 0.00	27.83 1.68 0.00	20.59 1.20 0.00	11.57 0.71 0.00	14.64 0.91 0.00	32.55 2.01 0.00	32.44 2.03 0.00	34.83 2.16 0.00	34.62 2.12 0.00	35.44 2.23 0.00	36.12 2.33 0.00	31.29 1.91 0.00	13.89 0.84 0.00	12.56 0.77 0.00	8.97 0.56 0.00	12.87 0.80 0.00	12.02 0.74 0.00
ROME____115KV_TB2 80656	28.60 0.58 0.00	25.24 0.51 0.00	31.32 0.61 0.00	30.51 0.51 0.00	31.15 0.58 0.00	32.44 0.59 0.00	31.14 0.65 0.00	31.48 0.69 0.00	26.80 0.65 0.00	19.90 0.50 0.00	11.13 0.27 0.00	14.09 0.36 0.00	31.34 0.80 0.00	31.12 0.70 0.00	33.36 0.69 0.00	33.20 0.70 0.00	34.06 0.86 0.00	34.60 0.81 0.00	30.05 0.66 0.00	13.31 0.26 0.00	12.02 0.23 0.00	8.57 0.16 0.00	12.27 0.20 0.00	11.45 0.17 0.00
ROSETON___1 23587	29.19 1.16 0.00	25.76 1.02 0.00	32.02 1.30 0.00	31.24 1.24 0.00	31.81 1.25 0.00	33.21 1.37 0.00	31.91 1.43 0.00	32.32 1.53 0.00	27.46 1.31 0.00	20.32 0.93 0.00	11.41 0.55 0.00	14.43 0.71 0.00	32.11 1.57 0.00	31.97 1.55 0.00	34.32 1.65 0.00	34.12 1.62 0.00	34.92 1.72 0.00	35.55 1.77 0.00	30.86 1.47 0.00	13.70 0.65 0.00	12.39 0.59 0.00	8.85 0.43 0.00	12.69 0.62 0.00	11.86 0.58 0.00
ROSETON___2 23588	29.19 1.16 0.00	25.76 1.02 0.00	32.02 1.30 0.00	31.24 1.24 0.00	31.81 1.25 0.00	33.21 1.37 0.00	31.91 1.43 0.00	32.32 1.53 0.00	27.46 1.31 0.00	20.32 0.93 0.00	11.41 0.55 0.00	14.43 0.71 0.00	32.11 1.57 0.00	31.97 1.55 0.00	34.32 1.65 0.00	34.12 1.62 0.00	34.92 1.72 0.00	35.55 1.77 0.00	30.86 1.47 0.00	13.70 0.65 0.00	12.39 0.59 0.00	8.85 0.43 0.00	12.69 0.62 0.00	11.86 0.58 0.00
ROTRRDAM_115KV_TB3 80664	28.87 0.85 0.00	25.50 0.76 0.00	31.68 0.96 0.00	30.93 0.93 0.00	31.52 0.95 0.00	32.85 1.00 0.00	31.51 1.03 0.00	31.88 1.09 0.00	27.07 0.92 0.00	20.05 0.66 0.00	11.24 0.38 0.00	14.20 0.48 0.00	31.68 1.15 0.00	31.54 1.13 0.00	33.86 1.19 0.00	33.68 1.18 0.00	34.42 1.22 0.00	35.02 1.23 0.00	30.45 1.07 0.00	13.52 0.47 0.00	12.22 0.43 0.00	8.72 0.30 0.00	12.50 0.44 0.00	11.68 0.40 0.00
RUSSELL___1 23602	27.53 -0.50 0.00	24.29 -0.44 0.00	29.94 -0.78 0.00	29.32 -0.68 0.00	29.99 -0.58 0.00	31.26 -0.58 0.00	29.69 -0.80 0.00	29.89 -0.90 0.00	25.32 -0.82 0.00	18.85 -0.55 0.00	10.56 -0.30 0.00	13.40 -0.33 0.00	29.79 -0.75 0.00	29.71 -0.70 0.00	31.92 -0.75 0.00	31.60 -0.90 0.00	32.27 -0.94 0.00	32.86 -0.93 0.00	28.54 -0.84 0.00	12.68 -0.37 0.00	11.46 -0.34 0.00	8.15 -0.27 0.00	11.71 -0.36 0.00	10.98 -0.30 0.00
RUSSELL___2 23532	27.53 -0.50 0.00	24.29 -0.44 0.00	29.94 -0.78 0.00	29.32 -0.68 0.00	29.99 -0.58 0.00	31.26 -0.58 0.00	29.69 -0.80 0.00	29.89 -0.90 0.00	25.32 -0.82 0.00	18.85 -0.55 0.00	10.56 -0.30 0.00	13.40 -0.33 0.00	29.79 -0.75 0.00	29.71 -0.70 0.00	31.92 -0.75 0.00	31.60 -0.90 0.00	32.27 -0.94 0.00	32.86 -0.93 0.00	28.54 -0.84 0.00	12.68 -0.37 0.00	11.46 -0.34 0.00	8.15 -0.27 0.00	11.71 -0.36 0.00	10.98 -0.30 0.00
RUSSELL___3 23549	27.53 -0.50 0.00	24.29 -0.44 0.00	29.94 -0.78 0.00	29.32 -0.68 0.00	29.99 -0.58 0.00	31.26 -0.58 0.00	29.69 -0.80 0.00	29.89 -0.90 0.00	25.32 -0.82 0.00	18.85 -0.55 0.00	10.56 -0.30 0.00	13.40 -0.33 0.00	29.79 -0.75 0.00	29.71 -0.70 0.00	31.92 -0.75 0.00	31.60 -0.90 0.00	32.27 -0.94 0.00	32.86 -0.93 0.00	28.54 -0.84 0.00	12.68 -0.37 0.00	11.46 -0.34 0.00	8.15 -0.27 0.00	11.71 -0.36 0.00	10.98 -0.30 0.00
RUSSELL___4 23556	27.53 -0.50 0.00	24.29 -0.44 0.00	29.94 -0.78 0.00	29.32 -0.68 0.00	29.99 -0.58 0.00	31.26 -0.58 0.00	29.69 -0.80 0.00	29.89 -0.90 0.00	25.32 -0.82 0.00	18.85 -0.55 0.00	10.56 -0.30 0.00	13.40 -0.33 0.00	29.79 -0.75 0.00	29.71 -0.70 0.00	31.92 -0.75 0.00	31.60 -0.90 0.00	32.27 -0.94 0.00	32.86 -0.93 0.00	28.54 -0.84 0.00	12.68 -0.37 0.00	11.46 -0.34 0.00	8.15 -0.27 0.00	11.71 -0.36 0.00	10.98 -0.30 0.00
RUSSELL___STATION 23914	27.53 -0.50 0.00	24.29 -0.44 0.00	29.94 -0.78 0.00	29.32 -0.68 0.00	29.99 -0.58 0.00	31.26 -0.58 0.00	29.69 -0.80 0.00	29.89 -0.90 0.00	25.32 -0.82 0.00	18.85 -0.55 0.00	10.56 -0.30 0.00	13.40 -0.33 0.00	29.79 -0.75 0.00	29.71 -0.70 0.00	31.92 -0.75 0.00	31.60 -0.90 0.00	32.27 -0.94 0.00	32.86 -0.93 0.00	28.54 -0.84 0.00	12.68 -0.37 0.00	11.46 -0.34 0.00	8.15 -0.27 0.00	11.71 -0.36 0.00	10.98 -0.30 0.00
S SALMON___HYD 24043	27.26 -0.76 0.00	24.02 -0.72 0.00	29.83 -0.89 0.00	29.04 -0.96 0.00	29.62 -0.95 0.00	30.81 -1.03 0.00	29.44 -1.04 0.00	29.70 -1.10 0.00	25.22 -0.94 0.00	18.76 -0.64 0.00	10.52 -0.34 0.00	13.34 -0.38 0.00	29.64 -0.89 0.00	29.48 -0.93 0.00	31.65 -1.01 0.00	31.44 -1.06 0.00	32.17 -1.03 0.00	32.74 -1.04 0.00	28.44 -0.94 0.00	12.61 -0.44 0.00	11.40 -0.40 0.00	8.12 -0.29 0.00	11.65 -0.42 0.00	10.90 -0.38 0.00
S.PERRY__115KV_TB1 80734	27.58 -0.45 0.00	24.36 -0.38 0.00	30.01 -0.71 0.00	29.36 -0.64 0.00	30.06 -0.51 0.00	31.36 -0.49 0.00	29.83 -0.65 0.00	30.11 -0.69 0.00	25.60 -0.55 0.00	19.01 -0.39 0.00	10.59 -0.28 0.00	13.42 -0.31 0.00	29.89 -0.65 0.00	29.84 -0.57 0.00	32.08 -0.59 0.00	31.74 -0.76 0.00	32.46 -0.74 0.00	33.16 -0.63 0.00	28.83 -0.55 0.00	12.78 -0.27 0.00	11.55 -0.25 0.00	8.20 -0.21 0.00	11.76 -0.31 0.00	11.03 -0.26 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.55 -1.48 0.00	23.45 -1.28 0.00	28.80 -1.92 0.00	28.25 -1.76 0.00	28.95 -1.62 0.00	30.13 -1.71 0.00	28.42 -2.06 0.00	28.52 -2.28 0.00	24.09 -2.06 0.00	17.96 -1.43 0.00	10.07 -0.79 0.00	12.79 -0.94 0.00	28.46 -2.08 0.00	28.45 -1.97 0.00	30.54 -2.13 0.00	30.12 -2.38 0.00	30.73 -2.46 0.00	31.30 -2.49 0.00	27.16 -2.22 0.00	12.06 -0.99 0.00	10.89 -0.90 0.00	7.75 -0.66 0.00	11.17 -0.90 0.00	10.54 -0.74 0.00

SAWYER___23_KV_LOAD 55526	26.55 -1.48 0.00	23.45 -1.28 0.00	28.80 -1.92 0.00	28.25 -1.76 0.00	28.95 -1.62 0.00	30.13 -1.71 0.00	28.42 -2.06 0.00	28.52 -2.28 0.00	24.09 -2.06 0.00	17.96 -1.43 0.00	10.07 -0.79 0.00	12.79 -0.94 0.00	28.46 -2.08 0.00	28.45 -1.97 0.00	30.54 -2.13 0.00	30.12 -2.38 0.00	30.73 -2.46 0.00	31.30 -2.49 0.00	27.16 -2.22 0.00	12.06 -0.99 0.00	10.89 -0.90 0.00	7.75 -0.66 0.00	11.17 -0.90 0.00	10.54 -0.74 0.00
SELKIRK___I 23801	28.97 0.94 0.00	25.58 0.84 0.00	31.80 1.08 0.00	31.06 1.06 0.00	31.65 1.08 0.00	32.97 1.13 0.00	31.60 1.12 0.00	31.95 1.15 0.00	27.12 0.96 0.00	20.06 0.66 0.00	11.23 0.37 0.00	14.20 0.47 0.00	31.62 1.08 0.00	31.48 1.06 0.00	33.85 1.18 0.00	33.71 1.21 0.00	34.45 1.25 0.00	35.05 1.27 0.00	30.48 1.10 0.00	13.54 0.49 0.00	12.24 0.45 0.00	8.74 0.32 0.00	12.53 0.47 0.00	11.71 0.43 0.00
SELKIRK___II 23799	28.83 0.81 0.00	25.45 0.71 0.00	31.63 0.92 0.00	30.89 0.89 0.00	31.47 0.90 0.00	32.79 0.95 0.00	31.45 0.96 0.00	31.80 1.01 0.00	27.00 0.85 0.00	19.98 0.59 0.00	11.20 0.34 0.00	14.18 0.45 0.00	31.57 1.03 0.00	31.43 1.02 0.00	33.74 1.07 0.00	33.58 1.08 0.00	34.30 1.10 0.00	34.91 1.13 0.00	30.36 0.97 0.00	13.49 0.44 0.00	12.20 0.40 0.00	8.71 0.29 0.00	12.49 0.42 0.00	11.66 0.38 0.00
SENECA OSWGO___HYD 24041	27.26 -0.76 0.00	24.07 -0.67 0.00	29.83 -0.89 0.00	29.14 -0.86 0.00	29.72 -0.85 0.00	30.96 -0.88 0.00	29.61 -0.88 0.00	29.84 -0.96 0.00	25.31 -0.84 0.00	18.81 -0.59 0.00	10.53 -0.33 0.00	13.33 -0.40 0.00	29.60 -0.94 0.00	29.49 -0.92 0.00	31.66 -1.00 0.00	31.43 -1.07 0.00	32.08 -1.12 0.00	32.66 -1.13 0.00	28.46 -0.93 0.00	12.65 -0.40 0.00	11.44 -0.36 0.00	8.15 -0.27 0.00	11.68 -0.38 0.00	10.93 -0.35 0.00
SENECA___115KV_TB3 355854	26.72 -1.31 0.00	23.60 -1.14 0.00	28.98 -1.73 0.00	28.43 -1.57 0.00	29.12 -1.45 0.00	30.32 -1.52 0.00	28.65 -1.84 0.00	28.75 -2.04 0.00	24.33 -1.82 0.00	18.13 -1.26 0.00	10.16 -0.70 0.00	12.91 -0.81 0.00	28.73 -1.81 0.00	28.74 -1.67 0.00	30.85 -1.81 0.00	30.42 -2.08 0.00	31.06 -2.15 0.00	31.63 -2.16 0.00	27.44 -1.95 0.00	12.17 -0.88 0.00	10.99 -0.80 0.00	7.82 -0.59 0.00	11.26 -0.80 0.00	10.62 -0.66 0.00
SENECA___ENERGY 23797	27.63 -0.39 0.00	24.39 -0.34 0.00	30.17 -0.55 0.00	29.49 -0.51 0.00	30.10 -0.46 0.00	31.40 -0.44 0.00	30.00 -0.49 0.00	30.21 -0.58 0.00	25.61 -0.54 0.00	19.06 -0.34 0.00	10.66 -0.20 0.00	13.49 -0.23 0.00	29.97 -0.57 0.00	29.90 -0.51 0.00	31.96 -0.70 0.00	31.79 -0.71 0.00	32.52 -0.68 0.00	33.13 -0.66 0.00	28.77 -0.61 0.00	12.79 -0.25 0.00	11.57 -0.22 0.00	8.23 -0.18 0.00	11.80 -0.27 0.00	11.04 -0.24 0.00
SHOEMAKER___GT 23640	29.05 1.02 0.00	25.64 0.90 0.00	31.84 1.12 0.00	31.08 1.08 0.00	31.64 1.08 0.00	33.03 1.18 0.00	31.73 1.25 0.00	32.13 1.34 0.00	27.31 1.16 0.00	20.20 0.80 0.00	11.34 0.48 0.00	14.32 0.60 0.00	31.81 1.27 0.00	31.68 1.27 0.00	34.05 1.39 0.00	33.89 1.39 0.00	34.69 1.49 0.00	35.34 1.56 0.00	30.69 1.30 0.00	13.62 0.58 0.00	12.32 0.53 0.00	8.80 0.38 0.00	12.61 0.55 0.00	11.78 0.50 0.00
SHOEMAKR_138KV_BK 111 55601	29.03 1.00 0.00	25.63 0.89 0.00	31.83 1.11 0.00	31.06 1.07 0.00	31.63 1.06 0.00	33.02 1.17 0.00	31.74 1.25 0.00	32.13 1.33 0.00	27.31 1.16 0.00	20.20 0.81 0.00	11.34 0.48 0.00	14.33 0.60 0.00	31.83 1.29 0.00	31.69 1.28 0.00	34.06 1.39 0.00	33.89 1.39 0.00	34.69 1.49 0.00	35.34 1.55 0.00	30.69 1.30 0.00	13.62 0.57 0.00	12.32 0.52 0.00	8.80 0.38 0.00	12.61 0.54 0.00	11.78 0.50 0.00
SHOREHAM_IC_1 23715	29.80 1.77 0.00	26.13 1.40 0.00	32.52 1.81 0.00	31.68 1.68 0.00	32.28 1.71 0.00	33.90 2.06 0.00	32.67 2.18 0.00	32.94 2.14 0.00	27.91 1.76 0.00	20.60 1.20 0.00	11.59 0.73 0.00	14.69 0.97 0.00	32.40 1.86 0.00	32.30 1.89 0.00	34.83 2.16 0.00	39.77 2.39 -4.88	39.17 2.46 -3.51	36.65 2.86 0.00	34.73 2.16 -3.19	14.47 1.01 -0.42	13.93 1.02 -1.11	12.57 0.78 -3.38	13.21 1.12 -0.02	12.29 1.00 0.00
SHOREHAM_IC_2 23716	29.80 1.77 0.00	26.13 1.40 0.00	32.52 1.81 0.00	31.68 1.68 0.00	32.28 1.71 0.00	33.90 2.06 0.00	32.67 2.18 0.00	32.94 2.14 0.00	27.91 1.76 0.00	20.60 1.20 0.00	11.59 0.73 0.00	14.69 0.97 0.00	32.40 1.86 0.00	32.30 1.89 0.00	34.83 2.16 0.00	39.77 2.40 -4.88	39.17 2.46 -3.51	36.65 2.86 0.00	34.73 2.16 -3.19	14.47 1.00 -0.42	13.93 1.02 -1.11	12.57 0.78 -3.38	13.21 1.12 -0.02	12.29 1.00 0.00
SISSONVILLE____ 23735	27.96 -0.07 0.00	24.64 -0.10 0.00	30.55 -0.16 0.00	29.86 -0.13 0.00	30.39 -0.17 0.00	31.53 -0.31 0.00	29.93 -0.55 0.00	30.30 -0.49 0.00	25.79 -0.36 0.00	19.28 -0.11 0.00	10.77 -0.09 0.00	13.53 -0.19 0.00	30.09 -0.45 0.00	29.98 -0.43 0.00	32.31 -0.35 0.00	32.16 -0.34 0.00	32.77 -0.43 0.00	33.16 -0.63 0.00	28.77 -0.61 0.00	12.74 -0.30 0.00	11.51 -0.28 0.00	8.22 -0.19 0.00	11.80 -0.27 0.00	11.08 -0.20 0.00
SITHE_IND_GS1 24169	27.18 -0.85 0.00	23.99 -0.74 0.00	29.74 -0.97 0.00	29.06 -0.93 0.00	29.64 -0.93 0.00	30.87 -0.98 0.00	29.50 -0.98 0.00	29.69 -1.10 0.00	25.18 -0.97 0.00	18.71 -0.69 0.00	10.47 -0.39 0.00	13.25 -0.47 0.00	29.45 -1.09 0.00	29.33 -1.08 0.00	31.48 -1.19 0.00	31.27 -1.23 0.00	31.89 -1.31 0.00	32.44 -1.34 0.00	28.28 -1.11 0.00	12.57 -0.47 0.00	11.37 -0.42 0.00	8.11 -0.31 0.00	11.62 -0.44 0.00	10.88 -0.40 0.00
SITHE_IND_GS2 24170	27.18 -0.85 0.00	23.99 -0.74 0.00	29.74 -0.97 0.00	29.06 -0.93 0.00	29.64 -0.93 0.00	30.87 -0.98 0.00	29.50 -0.98 0.00	29.69 -1.10 0.00	25.18 -0.97 0.00	18.71 -0.69 0.00	10.47 -0.39 0.00	13.25 -0.47 0.00	29.45 -1.09 0.00	29.33 -1.08 0.00	31.48 -1.19 0.00	31.27 -1.23 0.00	31.89 -1.31 0.00	32.44 -1.34 0.00	28.28 -1.11 0.00	12.57 -0.47 0.00	11.37 -0.42 0.00	8.11 -0.31 0.00	11.62 -0.44 0.00	10.88 -0.40 0.00
SITHE_IND_GS3 24171	27.18 -0.85 0.00	23.99 -0.74 0.00	29.74 -0.97 0.00	29.06 -0.93 0.00	29.64 -0.93 0.00	30.87 -0.98 0.00	29.50 -0.98 0.00	29.69 -1.10 0.00	25.18 -0.97 0.00	18.71 -0.69 0.00	10.47 -0.39 0.00	13.25 -0.47 0.00	29.45 -1.09 0.00	29.33 -1.08 0.00	31.48 -1.19 0.00	31.27 -1.23 0.00	31.89 -1.31 0.00	32.44 -1.34 0.00	28.28 -1.11 0.00	12.57 -0.47 0.00	11.37 -0.42 0.00	8.11 -0.31 0.00	11.62 -0.44 0.00	10.88 -0.40 0.00
SITHE_IND_GS4 24172	27.18 -0.85 0.00	23.99 -0.74 0.00	29.74 -0.97 0.00	29.06 -0.93 0.00	29.64 -0.93 0.00	30.87 -0.98 0.00	29.50 -0.98 0.00	29.69 -1.10 0.00	25.18 -0.97 0.00	18.71 -0.69 0.00	10.47 -0.39 0.00	13.25 -0.47 0.00	29.45 -1.09 0.00	29.33 -1.08 0.00	31.48 -1.19 0.00	31.27 -1.23 0.00	31.89 -1.31 0.00	32.44 -1.34 0.00	28.28 -1.11 0.00	12.57 -0.47 0.00	11.37 -0.42 0.00	8.11 -0.31 0.00	11.62 -0.44 0.00	10.88 -0.40 0.00

SITHE___BATAVIA 24024	27.49 -0.54 0.00	24.26 -0.48 0.00	29.79 -0.92 0.00	29.23 -0.77 0.00	29.94 -0.63 0.00	31.22 -0.63 0.00	29.50 -0.98 0.00	29.61 -1.19 0.00	25.04 -1.11 0.00	18.62 -0.78 0.00	10.39 -0.47 0.00	13.20 -0.52 0.00	29.40 -1.14 0.00	29.30 -1.11 0.00	31.53 -1.14 0.00	31.23 -1.27 0.00	31.91 -1.29 0.00	32.51 -1.27 0.00	28.22 -1.17 0.00	12.54 -0.51 0.00	11.33 -0.46 0.00	8.06 -0.36 0.00	11.60 -0.46 0.00	10.93 -0.35 0.00
SITHE___INDEPEND 23800	27.18 -0.85 0.00	23.99 -0.74 0.00	29.74 -0.97 0.00	29.07 -0.93 0.00	29.64 -0.93 0.00	30.87 -0.98 0.00	29.50 -0.98 0.00	29.69 -1.10 0.00	25.18 -0.97 0.00	18.71 -0.69 0.00	10.47 -0.39 0.00	13.25 -0.47 0.00	29.45 -1.09 0.00	29.33 -1.08 0.00	31.48 -1.19 0.00	31.27 -1.23 0.00	31.89 -1.31 0.00	32.44 -1.34 0.00	28.28 -1.11 0.00	12.57 -0.47 0.00	11.37 -0.42 0.00	8.11 -0.31 0.00	11.62 -0.44 0.00	10.88 -0.40 0.00
SITHE___MASSENA 23902	28.24 0.22 0.00	24.91 0.17 0.00	30.94 0.22 0.00	30.21 0.21 0.00	30.76 0.19 0.00	32.02 0.18 0.00	30.56 0.08 0.00	30.92 0.12 0.00	26.28 0.13 0.00	19.53 0.13 0.00	10.91 0.05 0.00	13.74 0.01 0.00	30.55 0.02 0.00	30.45 0.04 0.00	32.81 0.14 0.00	32.72 0.22 0.00	33.42 0.21 0.00	33.93 0.15 0.00	29.50 0.11 0.00	13.08 0.03 0.00	11.81 0.02 0.00	8.44 0.02 0.00	12.08 0.01 0.00	11.31 0.03 0.00
SITHE___OGDNSBRG 24021	28.55 0.52 0.00	25.18 0.44 0.00	31.26 0.54 0.00	30.54 0.54 0.00	31.07 0.51 0.00	32.31 0.47 0.00	30.79 0.31 0.00	31.19 0.39 0.00	26.54 0.39 0.00	19.76 0.37 0.00	11.02 0.16 0.00	13.81 0.08 0.00	30.69 0.15 0.00	30.59 0.18 0.00	33.05 0.38 0.00	33.00 0.50 0.00	33.71 0.51 0.00	34.20 0.41 0.00	29.71 0.33 0.00	13.17 0.11 0.00	11.88 0.09 0.00	8.49 0.07 0.00	12.15 0.08 0.00	11.38 0.10 0.00
SITHE___STERLING 23777	28.48 0.45 0.00	25.16 0.42 0.00	31.22 0.51 0.00	30.46 0.46 0.00	31.07 0.51 0.00	32.37 0.52 0.00	31.04 0.55 0.00	31.39 0.60 0.00	26.73 0.58 0.00	19.84 0.45 0.00	11.10 0.23 0.00	14.04 0.32 0.00	31.26 0.72 0.00	31.04 0.62 0.00	33.29 0.62 0.00	33.07 0.57 0.00	33.88 0.68 0.00	34.39 0.61 0.00	29.89 0.50 0.00	13.25 0.20 0.00	11.97 0.18 0.00	8.54 0.12 0.00	12.22 0.15 0.00	11.42 0.14 0.00
SLEIGHT__34_KV_TB1 80719	27.39 -0.64 0.00	24.17 -0.56 0.00	29.86 -0.86 0.00	29.20 -0.80 0.00	29.85 -0.71 0.00	31.13 -0.71 0.00	29.67 -0.81 0.00	29.90 -0.89 0.00	25.34 -0.81 0.00	18.87 -0.53 0.00	10.54 -0.32 0.00	13.36 -0.36 0.00	29.70 -0.84 0.00	29.63 -0.78 0.00	31.80 -0.87 0.00	31.53 -0.97 0.00	32.21 -0.99 0.00	32.80 -0.98 0.00	28.51 -0.88 0.00	12.67 -0.38 0.00	11.45 -0.35 0.00	8.15 -0.27 0.00	11.68 -0.39 0.00	10.94 -0.34 0.00
SMITHTWN_69_KV_BK 1 55830	29.79 1.76 0.00	26.14 1.41 0.00	32.55 1.83 0.00	31.71 1.71 0.00	32.30 1.73 0.00	33.89 2.05 0.00	32.62 2.14 0.00	32.89 2.10 0.00	27.90 1.75 0.00	20.63 1.23 0.00	11.62 0.76 0.00	14.72 1.00 0.00	32.44 1.90 0.00	32.35 1.94 0.00	34.80 2.13 0.00	37.06 2.26 -2.30	37.19 2.34 -1.66	36.46 2.67 0.00	32.89 2.00 -1.50	14.17 0.92 -0.20	13.32 0.93 -0.59	13.32 0.72 -4.18	13.14 1.05 -0.02	12.24 0.96 0.00
SOUTH CAIRO___GT 23612	29.74 1.71 0.00	26.24 1.50 0.00	32.58 1.86 0.00	31.83 1.83 0.00	32.47 1.90 0.00	33.84 1.99 0.00	32.52 2.03 0.00	33.02 2.22 0.00	28.06 1.91 0.00	20.81 1.42 0.00	11.57 0.71 0.00	14.64 0.91 0.00	32.66 2.12 0.00	32.63 2.21 0.00	35.06 2.39 0.00	35.05 2.55 0.00	35.87 2.67 0.00	36.51 2.72 0.00	31.74 2.35 0.00	14.08 1.03 0.00	12.72 0.93 0.00	9.08 0.66 0.00	12.99 0.92 0.00	12.11 0.82 0.00
SOUTH HAMPTN___IC 23720	29.70 1.68 0.00	25.99 1.25 0.00	32.34 1.62 0.00	31.51 1.51 0.00	32.12 1.55 0.00	33.76 1.92 0.00	32.60 2.11 0.00	32.84 2.05 0.00	27.83 1.68 0.00	20.53 1.13 0.00	11.56 0.70 0.00	14.67 0.94 0.00	32.35 1.81 0.00	32.23 1.83 0.00	34.85 2.18 0.00	40.12 2.46 -5.16	39.53 2.62 -3.72	36.80 3.01 0.00	35.03 2.27 -3.38	14.57 1.08 -0.44	14.09 1.13 -1.17	12.60 0.84 -3.34	13.28 1.20 -0.02	12.32 1.04 0.00
SOUTHDOW_115KV_TB1 355954	25.99 -2.03 0.00	22.99 -1.75 0.00	28.31 -2.41 0.00	27.79 -2.21 0.00	28.43 -2.13 0.00	29.65 -2.19 0.00	28.44 -2.04 0.00	28.56 -2.23 0.00	24.34 -1.81 0.00	18.13 -1.26 0.00	10.15 -0.71 0.00	12.97 -0.76 0.00	28.88 -1.66 0.00	28.92 -1.50 0.00	31.15 -1.52 0.00	30.68 -1.82 0.00	31.19 -2.01 0.00	31.64 -2.15 0.00	27.54 -1.85 0.00	12.15 -0.89 0.00	11.00 -0.80 0.00	7.79 -0.63 0.00	11.17 -0.89 0.00	10.52 -0.76 0.00
SOUTHOLD_69_KV_BK 2 55809	29.44 1.41 0.00	25.67 0.93 0.00	31.94 1.22 0.00	31.12 1.12 0.00	31.73 1.16 0.00	33.38 1.54 0.00	32.31 1.83 0.00	32.53 1.73 0.00	27.56 1.41 0.00	20.33 0.93 0.00	11.45 0.59 0.00	14.56 0.83 0.00	32.13 1.60 0.00	31.97 1.56 0.00	34.67 2.00 0.00	39.96 2.31 -5.15	39.47 2.55 -3.71	36.73 2.94 0.00	34.91 2.15 -3.37	14.55 1.06 -0.44	14.12 1.16 -1.17	12.61 0.85 -3.34	13.28 1.20 -0.02	12.28 1.00 0.00
SOUTHOLD___IC 23719	29.44 1.41 0.00	25.67 0.93 0.00	31.94 1.22 0.00	31.12 1.12 0.00	31.73 1.16 0.00	33.38 1.54 0.00	32.31 1.83 0.00	32.53 1.73 0.00	27.56 1.41 0.00	20.33 0.93 0.00	11.45 0.59 0.00	14.56 0.83 0.00	32.13 1.60 0.00	31.97 1.55 0.00	34.67 2.00 0.00	39.97 2.32 -5.15	39.47 2.56 -3.71	36.73 2.94 0.00	34.91 2.15 -3.37	14.55 1.06 -0.44	14.12 1.16 -1.17	12.61 0.85 -3.34	13.28 1.20 -0.02	12.28 1.00 0.00
SOUTH_FORK_WT_PWR 323839	29.01 0.99 0.00	25.23 0.49 0.00	31.40 0.68 0.00	30.59 0.60 0.00	31.19 0.63 0.00	32.84 0.99 0.00	31.84 1.36 0.00	32.00 1.21 0.00	27.13 0.98 0.00	20.01 0.61 0.00	11.28 0.42 0.00	14.36 0.64 0.00	31.70 1.16 0.00	31.50 1.08 0.00	34.23 1.57 0.00	39.56 1.91 -5.16	39.13 2.22 -3.71	36.37 2.58 0.00	34.58 1.82 -3.37	14.44 0.94 -0.44	14.06 1.10 -1.17	12.56 0.80 -3.34	13.19 1.10 -0.02	12.16 0.88 0.00
SPIERFLS_115KV_TB 1 80737	29.78 1.75 0.00	26.35 1.61 0.00	32.68 1.97 0.00	31.93 1.93 0.00	32.56 1.99 0.00	33.97 2.13 0.00	32.76 2.28 0.00	33.25 2.46 0.00	28.26 2.11 0.00	20.92 1.52 0.00	11.72 0.86 0.00	14.80 1.08 0.00	33.19 2.65 0.00	33.01 2.60 0.00	35.45 2.79 0.00	35.24 2.74 0.00	35.95 2.75 0.00	36.62 2.83 0.00	31.82 2.43 0.00	14.07 1.03 0.00	12.74 0.95 0.00	9.11 0.69 0.00	13.03 0.97 0.00	12.13 0.85 0.00
ST LAWRENCE____ 23600	27.88 -0.15 0.00	24.58 -0.15 0.00	30.55 -0.17 0.00	29.83 -0.17 0.00	30.37 -0.19 0.00	31.63 -0.21 0.00	30.23 -0.25 0.00	30.58 -0.22 0.00	25.98 -0.17 0.00	19.29 -0.11 0.00	10.78 -0.08 0.00	13.58 -0.15 0.00	30.21 -0.34 0.00	30.10 -0.31 0.00	32.41 -0.25 0.00	32.34 -0.15 0.00	33.03 -0.17 0.00	33.58 -0.20 0.00	29.19 -0.20 0.00	12.95 -0.10 0.00	11.70 -0.09 0.00	8.35 -0.06 0.00	11.96 -0.10 0.00	11.19 -0.09 0.00

STATE_CA_115KV_115_LB 55624	29.04 1.02 0.00	25.63 0.89 0.00	31.83 1.12 0.00	31.10 1.10 0.00	31.68 1.12 0.00	33.02 1.18 0.00	31.67 1.19 0.00	32.04 1.25 0.00	27.21 1.06 0.00	20.14 0.74 0.00	11.29 0.43 0.00	14.30 0.58 0.00	31.86 1.32 0.00	31.72 1.31 0.00	34.03 1.37 0.00	33.86 1.36 0.00	34.58 1.38 0.00	35.19 1.41 0.00	30.62 1.24 0.00	13.60 0.55 0.00	12.30 0.51 0.00	8.78 0.36 0.00	12.58 0.52 0.00	11.74 0.46 0.00
STATE_ST_34_KV_LOAD 55959	27.94 -0.09 0.00	24.68 -0.05 0.00	30.58 -0.14 0.00	29.88 -0.12 0.00	30.42 -0.15 0.00	31.77 -0.08 0.00	30.43 -0.06 0.00	30.67 -0.12 0.00	25.96 -0.19 0.00	19.34 -0.06 0.00	10.81 -0.05 0.00	13.68 -0.04 0.00	30.37 -0.16 0.00	30.30 -0.11 0.00	32.37 -0.29 0.00	32.23 -0.28 0.00	33.00 -0.20 0.00	33.61 -0.17 0.00	29.14 -0.24 0.00	12.98 -0.07 0.00	11.73 -0.06 0.00	8.33 -0.09 0.00	11.93 -0.13 0.00	11.16 -0.12 0.00
STATION_5_MISC_HYD 23604	27.42 -0.61 0.00	24.20 -0.54 0.00	29.83 -0.89 0.00	29.21 -0.79 0.00	29.88 -0.69 0.00	31.15 -0.70 0.00	29.57 -0.92 0.00	29.76 -1.03 0.00	25.21 -0.94 0.00	18.76 -0.64 0.00	10.51 -0.35 0.00	13.32 -0.40 0.00	29.63 -0.91 0.00	29.55 -0.86 0.00	31.75 -0.92 0.00	31.43 -1.07 0.00	32.10 -1.10 0.00	32.68 -1.11 0.00	28.39 -1.00 0.00	12.62 -0.43 0.00	11.40 -0.40 0.00	8.11 -0.30 0.00	11.65 -0.41 0.00	10.93 -0.35 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.50 -0.53 0.00	24.27 -0.47 0.00	29.98 -0.74 0.00	29.33 -0.67 0.00	29.98 -0.58 0.00	31.26 -0.59 0.00	29.77 -0.72 0.00	29.98 -0.81 0.00	25.42 -0.73 0.00	18.91 -0.49 0.00	10.58 -0.28 0.00	13.42 -0.31 0.00	29.83 -0.71 0.00	29.73 -0.68 0.00	31.90 -0.77 0.00	31.61 -0.89 0.00	32.31 -0.89 0.00	32.89 -0.89 0.00	28.59 -0.79 0.00	12.71 -0.34 0.00	11.48 -0.31 0.00	8.18 -0.24 0.00	11.73 -0.34 0.00	10.98 -0.30 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.26 -0.76 0.00	24.06 -0.68 0.00	29.67 -1.04 0.00	29.06 -0.94 0.00	29.72 -0.85 0.00	30.98 -0.87 0.00	29.42 -1.06 0.00	29.62 -1.17 0.00	25.09 -1.06 0.00	18.67 -0.73 0.00	10.45 -0.40 0.00	13.26 -0.47 0.00	29.50 -1.04 0.00	29.41 -1.00 0.00	31.59 -1.07 0.00	31.29 -1.21 0.00	31.94 -1.26 0.00	32.53 -1.26 0.00	28.25 -1.13 0.00	12.55 -0.49 0.00	11.34 -0.45 0.00	8.08 -0.34 0.00	11.59 -0.48 0.00	10.88 -0.40 0.00
STA_56___34_KV_BUS2 355983	27.26 -0.76 0.00	24.06 -0.68 0.00	29.67 -1.04 0.00	29.06 -0.94 0.00	29.72 -0.85 0.00	30.98 -0.87 0.00	29.42 -1.06 0.00	29.62 -1.17 0.00	25.09 -1.06 0.00	18.67 -0.73 0.00	10.45 -0.40 0.00	13.26 -0.47 0.00	29.50 -1.04 0.00	29.41 -1.00 0.00	31.59 -1.07 0.00	31.29 -1.21 0.00	31.94 -1.26 0.00	32.53 -1.26 0.00	28.25 -1.13 0.00	12.55 -0.49 0.00	11.34 -0.45 0.00	8.08 -0.34 0.00	11.59 -0.48 0.00	10.88 -0.40 0.00
STA_67___115KV_BK2 355882	27.37 -0.66 0.00	24.16 -0.58 0.00	29.78 -0.94 0.00	29.17 -0.83 0.00	29.82 -0.74 0.00	31.10 -0.74 0.00	29.52 -0.97 0.00	29.70 -1.09 0.00	25.16 -0.99 0.00	18.72 -0.67 0.00	10.48 -0.38 0.00	13.29 -0.43 0.00	29.57 -0.97 0.00	29.49 -0.92 0.00	31.68 -0.99 0.00	31.37 -1.13 0.00	32.03 -1.17 0.00	32.61 -1.18 0.00	28.33 -1.05 0.00	12.59 -0.46 0.00	11.38 -0.42 0.00	8.10 -0.32 0.00	11.63 -0.43 0.00	10.91 -0.37 0.00
STA_7___115KV_9TRANS 80674	27.53 -0.50 0.00	24.29 -0.44 0.00	29.94 -0.78 0.00	29.32 -0.68 0.00	29.99 -0.58 0.00	31.26 -0.58 0.00	29.69 -0.80 0.00	29.89 -0.90 0.00	25.32 -0.82 0.00	18.85 -0.55 0.00	10.56 -0.30 0.00	13.40 -0.33 0.00	29.79 -0.75 0.00	29.71 -0.70 0.00	31.92 -0.75 0.00	31.60 -0.90 0.00	32.27 -0.94 0.00	32.86 -0.93 0.00	28.54 -0.84 0.00	12.68 -0.37 0.00	11.46 -0.34 0.00	8.15 -0.27 0.00	11.71 -0.36 0.00	10.98 -0.30 0.00
STA_82___115KV_TB1 80780	27.35 -0.68 0.00	24.14 -0.60 0.00	29.76 -0.96 0.00	29.15 -0.85 0.00	29.81 -0.75 0.00	31.07 -0.77 0.00	29.50 -0.99 0.00	29.68 -1.11 0.00	25.14 -1.01 0.00	18.71 -0.69 0.00	10.47 -0.39 0.00	13.28 -0.44 0.00	29.55 -0.99 0.00	29.47 -0.94 0.00	31.65 -1.02 0.00	31.34 -1.16 0.00	32.00 -1.20 0.00	32.58 -1.20 0.00	28.31 -1.08 0.00	12.58 -0.47 0.00	11.36 -0.43 0.00	8.09 -0.33 0.00	11.62 -0.45 0.00	10.91 -0.37 0.00
STEEL___WIND 323596	26.66 -1.36 0.00	23.55 -1.18 0.00	28.92 -1.79 0.00	28.37 -1.63 0.00	29.06 -1.50 0.00	30.27 -1.58 0.00	28.59 -1.89 0.00	28.69 -2.10 0.00	24.29 -1.86 0.00	18.10 -1.30 0.00	10.14 -0.72 0.00	12.88 -0.84 0.00	28.66 -1.88 0.00	28.67 -1.74 0.00	30.78 -1.88 0.00	30.35 -2.15 0.00	30.99 -2.21 0.00	31.56 -2.22 0.00	27.38 -2.00 0.00	12.14 -0.91 0.00	10.97 -0.83 0.00	7.81 -0.61 0.00	11.23 -0.83 0.00	10.60 -0.68 0.00
STEPHTWN_115KV_BK_2 55603	29.15 1.12 0.00	25.70 0.96 0.00	31.97 1.25 0.00	31.20 1.20 0.00	31.80 1.23 0.00	33.17 1.33 0.00	31.87 1.39 0.00	32.27 1.48 0.00	27.40 1.25 0.00	20.26 0.87 0.00	11.35 0.49 0.00	14.39 0.66 0.00	31.92 1.52 0.00	34.23 1.51 0.00	34.05 1.56 0.00	34.80 1.55 0.00	35.41 1.60 0.00	30.78 1.63 0.00	13.66 1.39 0.00	12.36 0.61 0.00	8.82 0.56 0.00	12.65 0.40 0.00	11.81 0.58 0.00	11.81 0.53 0.00
STEUBEN_REC_LFGE 323667	25.97 -2.05 0.00	23.00 -1.74 0.00	28.38 -2.33 0.00	27.77 -2.23 0.00	28.47 -2.10 0.00	29.56 -2.28 0.00	28.21 -2.27 0.00	28.47 -2.33 0.00	24.28 -1.87 0.00	18.05 -1.35 0.00	10.01 -0.85 0.00	12.72 -1.01 0.00	28.49 -2.05 0.00	28.51 -1.91 0.00	30.59 -2.08 0.00	30.11 -2.39 0.00	30.78 -2.42 0.00	31.45 -2.33 0.00	27.37 -2.02 0.00	12.06 -0.99 0.00	10.90 -0.89 0.00	7.76 -0.66 0.00	11.10 -0.96 0.00	10.44 -0.84 0.00
STILLWATER___SOLAR 323814	29.49 1.47 0.00	26.06 1.32 0.00	32.36 1.64 0.00	31.60 1.60 0.00	32.21 1.64 0.00	33.59 1.74 0.00	32.29 1.81 0.00	32.72 1.93 0.00	27.79 1.63 0.00	20.55 1.16 0.00	11.51 0.65 0.00	14.56 0.83 0.00	32.56 2.02 0.00	32.42 2.01 0.00	34.81 2.14 0.00	34.61 2.11 0.00	35.36 2.16 0.00	35.98 2.19 0.00	31.29 1.90 0.00	13.87 0.82 0.00	12.54 0.75 0.00	8.96 0.54 0.00	12.83 0.77 0.00	11.97 0.68 0.00
STONY___BROOK 24151	29.74 1.71 0.00	26.10 1.36 0.00	32.49 1.77 0.00	31.65 1.64 0.00	32.24 1.67 0.00	33.84 1.99 0.00	32.57 2.08 0.00	32.84 2.04 0.00	27.84 1.69 0.00	20.59 1.20 0.00	11.59 0.74 0.00	14.69 0.97 0.00	32.36 1.82 0.00	32.26 1.85 0.00	34.70 2.03 0.00	38.41 2.19 -3.72	38.14 2.25 -2.68	36.38 2.59 0.00	33.75 1.93 -2.44	14.27 0.90 -0.32	13.59 0.91 -0.88	12.81 0.70 -3.68	13.12 1.03 -0.02	12.22 0.94 0.00
STURGEON_POOL_HYD 23609	29.22 1.20 0.00	25.80 1.06 0.00	32.07 1.35 0.00	31.29 1.29 0.00	31.86 1.30 0.00	33.27 1.43 0.00	31.98 1.50 0.00	32.39 1.60 0.00	27.53 1.38 0.00	20.39 0.99 0.00	11.46 0.60 0.00	14.49 0.77 0.00	32.21 1.67 0.00	32.08 1.67 0.00	34.43 1.76 0.00	34.21 1.71 0.00	35.03 1.82 0.00	35.67 1.88 0.00	30.95 1.57 0.00	13.74 0.69 0.00	12.42 0.63 0.00	8.87 0.45 0.00	12.72 0.65 0.00	11.89 0.61 0.00

ST_LAW_115_BK7_LBMP 345037	27.89 -0.14 0.00	24.59 -0.15 0.00	30.55 -0.17 0.00	29.84 -0.16 0.00	30.38 -0.19 0.00	31.63 -0.21 0.00	30.22 -0.26 0.00	30.58 -0.22 0.00	25.98 -0.17 0.00	19.29 -0.11 0.00	10.78 -0.08 0.00	13.57 -0.15 0.00	30.19 -0.35 0.00	30.10 -0.32 0.00	32.41 -0.25 0.00	32.34 -0.15 0.00	33.03 -0.17 0.00	33.58 -0.21 0.00	29.18 -0.20 0.00	12.95 -0.10 0.00	11.70 -0.10 0.00	8.35 -0.07 0.00	11.96 -0.11 0.00	11.19 -0.09 0.00
ST_LAW_115_BK8_LBMP 345038	27.89 -0.14 0.00	24.59 -0.15 0.00	30.55 -0.17 0.00	29.84 -0.16 0.00	30.38 -0.19 0.00	31.63 -0.21 0.00	30.22 -0.26 0.00	30.58 -0.22 0.00	25.98 -0.17 0.00	19.29 -0.11 0.00	10.78 -0.08 0.00	13.57 -0.15 0.00	30.19 -0.35 0.00	30.10 -0.32 0.00	32.41 -0.25 0.00	32.34 -0.15 0.00	33.03 -0.17 0.00	33.58 -0.21 0.00	29.18 -0.20 0.00	12.95 -0.10 0.00	11.70 -0.10 0.00	8.35 -0.07 0.00	11.96 -0.11 0.00	11.19 -0.09 0.00
ST_LAW_230_BK5_LBMP 345035	27.88 -0.15 0.00	24.58 -0.15 0.00	30.55 -0.17 0.00	29.83 -0.17 0.00	30.37 -0.19 0.00	31.63 -0.21 0.00	30.23 -0.25 0.00	30.58 -0.22 0.00	25.98 -0.17 0.00	19.29 -0.11 0.00	10.78 -0.08 0.00	13.58 -0.15 0.00	30.21 -0.34 0.00	30.10 -0.31 0.00	32.41 -0.25 0.00	32.34 -0.15 0.00	33.03 -0.17 0.00	33.58 -0.20 0.00	29.19 -0.20 0.00	12.95 -0.10 0.00	11.70 -0.09 0.00	8.35 -0.06 0.00	11.96 -0.10 0.00	11.19 -0.09 0.00
ST_LAW_230_BK6_LBMP 345036	27.88 -0.15 0.00	24.58 -0.15 0.00	30.55 -0.17 0.00	29.83 -0.17 0.00	30.37 -0.19 0.00	31.63 -0.21 0.00	30.23 -0.25 0.00	30.58 -0.22 0.00	25.98 -0.17 0.00	19.29 -0.11 0.00	10.78 -0.08 0.00	13.58 -0.15 0.00	30.21 -0.34 0.00	30.10 -0.31 0.00	32.41 -0.25 0.00	32.34 -0.15 0.00	33.03 -0.17 0.00	33.58 -0.20 0.00	29.19 -0.20 0.00	12.95 -0.10 0.00	11.70 -0.09 0.00	8.35 -0.06 0.00	11.96 -0.10 0.00	11.19 -0.09 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.14 1.12 0.00	25.72 0.99 0.00	31.95 1.23 0.00	31.18 1.18 0.00	31.74 1.18 0.00	33.16 1.31 0.00	31.88 1.40 0.00	32.28 1.49 0.00	27.44 1.29 0.00	20.30 0.91 0.00	11.40 0.54 0.00	14.41 0.69 0.00	32.06 1.52 0.00	31.91 1.50 0.00	34.27 1.60 0.00	34.07 1.57 0.00	34.88 1.68 0.00	35.53 1.75 0.00	30.84 1.45 0.00	13.69 0.64 0.00	12.38 0.58 0.00	8.84 0.42 0.00	12.67 0.61 0.00	11.84 0.56 0.00
SWANROAD_115KV_TB1 355699	26.31 -1.72 0.00	23.24 -1.50 0.00	28.47 -2.24 0.00	27.98 -2.02 0.00	28.68 -1.88 0.00	29.86 -1.99 0.00	28.08 -2.41 0.00	28.00 -2.79 0.00	23.61 -2.54 0.00	17.61 -1.79 0.00	9.88 -0.98 0.00	12.52 -1.20 0.00	27.87 -2.66 0.00	27.87 -2.55 0.00	29.92 -2.74 0.00	29.54 -2.96 0.00	30.11 -3.09 0.00	30.66 -3.12 0.00	26.59 -2.79 0.00	11.83 -1.22 0.00	10.69 -1.11 0.00	7.61 -0.81 0.00	11.00 -1.06 0.00	10.41 -0.87 0.00
SYNERGY___BIOGAS 323694	27.49 -0.54 0.00	24.26 -0.48 0.00	29.79 -0.92 0.00	29.23 -0.77 0.00	29.94 -0.62 0.00	31.22 -0.63 0.00	29.50 -0.99 0.00	29.61 -1.19 0.00	25.04 -1.11 0.00	18.62 -0.78 0.00	10.39 -0.47 0.00	13.20 -0.52 0.00	29.40 -1.15 0.00	29.30 -1.11 0.00	31.53 -1.14 0.00	31.23 -1.27 0.00	31.91 -1.29 0.00	32.52 -1.27 0.00	28.22 -1.17 0.00	12.54 -0.51 0.00	11.33 -0.46 0.00	8.06 -0.36 0.00	11.60 -0.46 0.00	10.93 -0.35 0.00
SYRACUSE___ENERGY_ST1 323597	27.73 -0.29 0.00	24.48 -0.25 0.00	30.36 -0.36 0.00	29.65 -0.35 0.00	30.24 -0.32 0.00	31.50 -0.34 0.00	30.16 -0.32 0.00	30.40 -0.40 0.00	25.80 -0.35 0.00	19.17 -0.22 0.00	10.73 -0.13 0.00	13.58 -0.15 0.00	30.18 -0.36 0.00	30.07 -0.35 0.00	32.23 -0.44 0.00	32.01 -0.49 0.00	32.70 -0.50 0.00	33.29 -0.49 0.00	28.98 -0.40 0.00	12.88 -0.17 0.00	11.64 -0.15 0.00	8.29 -0.12 0.00	11.88 -0.18 0.00	11.12 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	27.73 -0.29 0.00	24.48 -0.25 0.00	30.36 -0.36 0.00	29.65 -0.35 0.00	30.24 -0.32 0.00	31.50 -0.34 0.00	30.16 -0.32 0.00	30.40 -0.40 0.00	25.80 -0.35 0.00	19.17 -0.22 0.00	10.73 -0.13 0.00	13.58 -0.15 0.00	30.18 -0.36 0.00	30.07 -0.35 0.00	32.23 -0.44 0.00	32.01 -0.49 0.00	32.70 -0.50 0.00	33.29 -0.49 0.00	28.98 -0.40 0.00	12.88 -0.17 0.00	11.64 -0.15 0.00	8.29 -0.12 0.00	11.88 -0.18 0.00	11.12 -0.16 0.00
SYRACUSE___POWER 24017	27.71 -0.31 0.00	24.47 -0.27 0.00	30.33 -0.39 0.00	29.63 -0.37 0.00	30.22 -0.34 0.00	31.47 -0.37 0.00	30.14 -0.34 0.00	30.38 -0.42 0.00	25.80 -0.35 0.00	19.16 -0.23 0.00	10.72 -0.14 0.00	13.57 -0.15 0.00	30.20 -0.34 0.00	30.07 -0.35 0.00	32.24 -0.43 0.00	32.01 -0.49 0.00	32.70 -0.50 0.00	33.28 -0.50 0.00	28.99 -0.40 0.00	12.87 -0.17 0.00	11.64 -0.16 0.00	8.29 -0.12 0.00	11.88 -0.18 0.00	11.12 -0.16 0.00
TALLMAN_138KV_BK151 55660	29.26 1.23 0.00	25.82 1.08 0.00	32.08 1.36 0.00	31.30 1.30 0.00	31.87 1.31 0.00	33.31 1.46 0.00	32.04 1.56 0.00	32.47 1.67 0.00	27.57 1.43 0.00	20.41 1.01 0.00	11.45 0.59 0.00	14.49 0.76 0.00	32.23 1.69 0.00	32.10 1.68 0.00	34.46 1.80 0.00	34.25 1.75 0.00	35.07 1.87 0.00	35.74 1.95 0.00	30.99 1.60 0.00	13.76 0.71 0.00	12.44 0.64 0.00	8.88 0.46 0.00	12.74 0.67 0.00	11.90 0.62 0.00
TEALLAVE_115KV_TB7 355573	27.60 -0.43 0.00	24.37 -0.36 0.00	30.22 -0.50 0.00	29.51 -0.49 0.00	30.10 -0.46 0.00	31.36 -0.48 0.00	30.00 -0.48 0.00	30.24 -0.55 0.00	25.67 -0.48 0.00	19.07 -0.33 0.00	10.67 -0.19 0.00	13.51 -0.21 0.00	30.04 -0.49 0.00	29.92 -0.49 0.00	32.09 -0.58 0.00	31.86 -0.64 0.00	32.53 -0.67 0.00	33.11 -0.68 0.00	28.83 -0.55 0.00	12.81 -0.24 0.00	11.58 -0.21 0.00	8.26 -0.16 0.00	11.83 -0.24 0.00	11.06 -0.22 0.00
TELGRAPH_34_KV_EAST 80808	26.88 -1.14 0.00	23.73 -1.01 0.00	29.12 -1.60 0.00	28.59 -1.41 0.00	29.29 -1.28 0.00	30.51 -1.33 0.00	28.77 -1.71 0.00	28.81 -1.99 0.00	24.33 -1.82 0.00	18.13 -1.26 0.00	10.15 -0.71 0.00	12.88 -0.85 0.00	28.65 -1.89 0.00	28.61 -1.80 0.00	30.75 -1.91 0.00	30.40 -2.10 0.00	31.02 -2.18 0.00	31.59 -2.20 0.00	27.41 -1.98 0.00	12.18 -0.87 0.00	11.01 -0.79 0.00	7.83 -0.58 0.00	11.30 -0.77 0.00	10.66 -0.62 0.00
TEMPLE___115KV_TB 2 55572	27.60 -0.43 0.00	24.37 -0.36 0.00	30.22 -0.49 0.00	29.52 -0.49 0.00	30.11 -0.46 0.00	31.37 -0.47 0.00	30.02 -0.46 0.00	30.24 -0.55 0.00	25.68 -0.47 0.00	19.07 -0.33 0.00	10.67 -0.19 0.00	13.51 -0.21 0.00	30.05 -0.49 0.00	29.92 -0.49 0.00	32.09 -0.58 0.00	31.86 -0.64 0.00	32.54 -0.66 0.00	33.11 -0.67 0.00	28.84 -0.54 0.00	12.82 -0.23 0.00	11.58 -0.21 0.00	8.26 -0.16 0.00	11.83 -0.23 0.00	11.07 -0.21 0.00
TIANA___69_KV_BK 1 55817	29.77 1.75 0.00	26.07 1.34 0.00	32.44 1.73 0.00	31.61 1.61 0.00	32.21 1.64 0.00	33.84 2.00 0.00	32.66 2.17 0.00	32.92 2.12 0.00	27.89 1.74 0.00	20.58 1.18 0.00	11.58 0.72 0.00	14.69 0.97 0.00	32.41 1.87 0.00	32.30 1.89 0.00	34.89 2.22 0.00	40.14 2.48 -5.15	39.53 2.62 -3.71	36.80 3.02 0.00	35.04 2.28 -3.37	14.56 1.07 -0.44	14.07 1.11 -1.17	12.59 0.83 -3.34	13.27 1.19 -0.02	12.32 1.04 0.00

TILDEN___115KV_TB1 80814	27.71 -0.31 0.00	24.47 -0.27 0.00	30.33 -0.39 0.00	29.63 -0.37 0.00	30.22 -0.34 0.00	31.47 -0.37 0.00	30.14 -0.34 0.00	30.38 -0.42 0.00	25.80 -0.35 0.00	19.16 -0.23 0.00	10.72 -0.14 0.00	13.57 -0.15 0.00	30.20 -0.34 0.00	30.07 -0.35 0.00	32.24 -0.43 0.00	32.01 -0.49 0.00	32.70 -0.50 0.00	33.28 -0.50 0.00	28.99 -0.40 0.00	12.87 -0.17 0.00	11.64 -0.16 0.00	8.29 -0.12 0.00	11.88 -0.18 0.00	11.12 -0.16 0.00
TRIGEN___CC 323695	29.59 1.56 0.00	26.05 1.32 0.00	32.41 1.70 0.00	31.61 1.61 0.00	32.19 1.62 0.00	33.71 1.87 0.00	32.42 1.93 0.00	32.76 1.97 0.00	27.82 1.67 0.00	20.58 1.18 0.00	11.58 0.72 0.00	14.67 0.94 0.00	32.49 1.96 0.00	32.40 1.99 0.00	34.77 2.10 0.00	34.61 2.11 0.00	35.42 2.22 0.00	36.21 2.43 0.00	31.25 1.87 0.00	13.90 0.85 0.00	12.60 0.81 0.00	10.31 0.60 -1.29	12.98 0.88 -0.04	12.08 0.79 0.00
TRINITY___115KV__4 BK 55933	28.92 0.89 0.00	25.51 0.78 0.00	31.71 1.00 0.00	30.97 0.97 0.00	31.56 0.99 0.00	32.89 1.05 0.00	31.54 1.05 0.00	31.90 1.11 0.00	27.09 0.94 0.00	20.04 0.64 0.00	11.24 0.38 0.00	14.23 0.50 0.00	31.71 1.17 0.00	31.56 1.15 0.00	33.87 1.20 0.00	33.70 1.20 0.00	34.42 1.22 0.00	35.02 1.24 0.00	30.48 1.09 0.00	13.54 0.49 0.00	12.24 0.45 0.00	8.74 0.32 0.00	12.53 0.47 0.00	11.70 0.42 0.00
UNION___PROCESSING_DRP 323587	27.36 -0.67 0.00	24.14 -0.59 0.00	29.77 -0.95 0.00	29.15 -0.85 0.00	29.81 -0.75 0.00	31.07 -0.77 0.00	29.50 -0.99 0.00	29.69 -1.10 0.00	25.15 -1.00 0.00	18.71 -0.69 0.00	10.48 -0.38 0.00	13.28 -0.44 0.00	29.56 -0.98 0.00	29.47 -0.94 0.00	31.65 -1.01 0.00	31.35 -1.15 0.00	32.01 -1.19 0.00	32.60 -1.19 0.00	28.32 -1.07 0.00	12.58 -0.47 0.00	11.37 -0.43 0.00	8.09 -0.32 0.00	11.62 -0.44 0.00	10.91 -0.37 0.00
UPPER HUDSON___HYD 24058	29.78 1.75 0.00	26.35 1.61 0.00	32.69 1.97 0.00	31.93 1.93 0.00	32.56 1.99 0.00	33.97 2.13 0.00	32.76 2.28 0.00	33.25 2.46 0.00	28.26 2.11 0.00	20.92 1.52 0.00	11.72 0.86 0.00	14.80 1.08 0.00	33.19 2.65 0.00	33.01 2.60 0.00	35.45 2.78 0.00	35.24 2.74 0.00	35.95 2.75 0.00	36.61 2.83 0.00	31.82 2.43 0.00	14.07 1.02 0.00	12.74 0.95 0.00	9.11 0.69 0.00	13.03 0.97 0.00	12.13 0.84 0.00
UPPER RAQUET___HYD 24056	27.96 -0.07 0.00	24.64 -0.10 0.00	30.55 -0.16 0.00	29.86 -0.13 0.00	30.39 -0.17 0.00	31.53 -0.31 0.00	29.93 -0.55 0.00	30.30 -0.49 0.00	25.80 -0.36 0.00	19.28 -0.11 0.00	10.77 -0.09 0.00	13.53 -0.19 0.00	30.09 -0.45 0.00	29.98 -0.43 0.00	32.31 -0.35 0.00	32.16 -0.34 0.00	32.77 -0.43 0.00	33.16 -0.63 0.00	28.77 -0.61 0.00	12.74 -0.30 0.00	11.51 -0.28 0.00	8.22 -0.19 0.00	11.80 -0.27 0.00	11.08 -0.20 0.00
VALLEY44_115KV_TB2 355964	26.91 -1.12 0.00	23.81 -0.92 0.00	29.40 -1.32 0.00	28.84 -1.16 0.00	29.49 -1.07 0.00	30.65 -1.19 0.00	29.08 -1.40 0.00	29.26 -1.54 0.00	24.73 -1.42 0.00	18.39 -1.01 0.00	10.29 -0.58 0.00	13.14 -0.59 0.00	29.37 -1.18 0.00	29.33 -1.08 0.00	31.45 -1.22 0.00	30.95 -1.55 0.00	31.58 -1.62 0.00	32.08 -1.71 0.00	27.90 -1.49 0.00	12.36 -0.69 0.00	11.16 -0.63 0.00	7.95 -0.47 0.00	11.41 -0.66 0.00	10.74 -0.54 0.00
VALLEY___115KV_TB 1-4 80826	29.16 1.14 0.00	25.62 0.88 0.00	31.74 1.02 0.00	31.09 1.10 0.00	31.70 1.13 0.00	33.03 1.18 0.00	31.72 1.24 0.00	32.18 1.39 0.00	27.35 1.20 0.00	20.24 0.85 0.00	11.28 0.42 0.00	14.28 0.56 0.00	31.96 1.42 0.00	31.77 1.36 0.00	34.02 1.35 0.00	33.91 1.42 0.00	34.78 1.58 0.00	35.42 1.63 0.00	30.77 1.39 0.00	13.66 0.61 0.00	12.33 0.53 0.00	8.80 0.38 0.00	12.59 0.53 0.00	11.75 0.47 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.03 1.00 0.00	25.65 0.91 0.00	31.90 1.19 0.00	31.23 1.24 0.00	31.87 1.30 0.00	33.24 1.40 0.00	31.97 1.49 0.00	32.36 1.57 0.00	27.59 1.44 0.00	20.45 1.06 0.00	11.46 0.59 0.00	14.51 0.79 0.00	32.29 1.75 0.00	32.10 1.68 0.00	34.46 1.79 0.00	34.28 1.78 0.00	35.19 1.99 0.00	35.78 2.00 0.00	31.08 1.70 0.00	13.80 0.75 0.00	12.47 0.67 0.00	8.89 0.47 0.00	12.73 0.66 0.00	11.90 0.62 0.00
VISCHER___FERRY HYD 24020	29.16 1.13 0.00	25.74 1.00 0.00	31.96 1.25 0.00	31.23 1.24 0.00	31.83 1.27 0.00	33.17 1.33 0.00	31.83 1.35 0.00	32.24 1.44 0.00	27.36 1.21 0.00	20.21 0.82 0.00	11.34 0.48 0.00	14.35 0.62 0.00	32.03 1.49 0.00	31.89 1.48 0.00	34.23 1.56 0.00	34.05 1.55 0.00	34.78 1.57 0.00	35.40 1.62 0.00	30.80 1.41 0.00	13.67 0.62 0.00	12.36 0.57 0.00	8.83 0.41 0.00	12.65 0.59 0.00	11.81 0.52 0.00
V_A_10_SYNC_DSASP 323832	26.67 -1.36 0.00	23.57 -1.17 0.00	28.99 -1.73 0.00	28.43 -1.57 0.00	29.10 -1.47 0.00	30.30 -1.54 0.00	28.63 -1.85 0.00	28.75 -2.05 0.00	24.29 -1.86 0.00	18.10 -1.30 0.00	10.14 -0.72 0.00	12.86 -0.86 0.00	28.64 -1.90 0.00	28.60 -1.81 0.00	30.70 -1.97 0.00	30.32 -2.18 0.00	30.94 -2.26 0.00	31.50 -2.29 0.00	27.35 -2.04 0.00	12.15 -0.90 0.00	10.98 -0.82 0.00	7.82 -0.60 0.00	11.25 -0.81 0.00	10.59 -0.69 0.00
V_CMM_10_SYNC_DSASP 323787	28.04 0.01 0.00	24.73 -0.01 0.00	30.72 0.01 0.00	30.00 0.00 0.00	30.54 -0.02 0.00	31.82 -0.02 0.00	30.40 -0.09 0.00	30.75 -0.04 0.00	26.13 -0.02 0.00	19.40 0.00 0.00	10.84 -0.02 0.00	13.65 -0.07 0.00	30.37 -0.16 0.00	30.28 -0.13 0.00	32.60 -0.07 0.00	32.54 0.04 0.00	33.22 0.02 0.00	33.77 -0.02 0.00	29.36 -0.03 0.00	13.02 -0.03 0.00	11.76 -0.03 0.00	8.40 -0.02 0.00	12.03 -0.04 0.00	11.25 -0.03 0.00
V_CMP_10_SYNC_DSASP 323788	27.97 -0.05 0.00	24.60 -0.13 0.00	30.70 -0.02 0.00	30.00 0.00 0.00	30.47 -0.10 0.00	31.58 -0.27 0.00	30.23 -0.25 0.00	30.78 -0.02 0.00	26.16 0.01 0.00	19.37 -0.02 0.00	10.80 -0.05 0.00	13.54 -0.18 0.00	30.15 -0.39 0.00	30.08 -0.33 0.00	32.52 -0.15 0.00	32.69 0.19 0.00	33.39 0.19 0.00	33.89 0.10 0.00	29.44 0.06 0.00	13.07 0.02 0.00	11.80 0.00 0.00	8.45 0.03 0.00	12.05 -0.01 0.00	11.24 -0.04 0.00
V_D_10_SYNC_DSASP 323841	28.24 0.21 0.00	24.90 0.16 0.00	30.93 0.22 0.00	30.21 0.21 0.00	30.75 0.19 0.00	32.01 0.17 0.00	30.56 0.08 0.00	30.92 0.12 0.00	26.28 0.13 0.00	19.53 0.13 0.00	10.91 0.05 0.00	13.74 0.01 0.00	30.55 0.01 0.00	30.45 0.03 0.00	32.80 0.13 0.00	32.72 0.21 0.00	33.40 0.20 0.00	33.93 0.15 0.00	29.49 0.10 0.00	13.08 0.03 0.00	11.81 0.02 0.00	8.43 0.02 0.00	12.08 0.01 0.00	11.31 0.03 0.00
V_E_10_SYNC_DSASP 323830	28.42 0.39 0.00	25.03 0.29 0.00	31.02 0.30 0.00	30.38 0.38 0.00	31.01 0.45 0.00	32.17 0.33 0.00	31.04 0.55 0.00	31.40 0.60 0.00	27.04 0.89 0.00	19.96 0.56 0.00	11.16 0.30 0.00	14.03 0.30 0.00	31.20 0.66 0.00	31.31 0.89 0.00	33.66 0.99 0.00	33.11 0.61 0.00	34.81 1.61 0.00	35.42 1.63 0.00	30.26 0.87 0.00	13.26 0.22 0.00	11.95 0.15 0.00	8.48 0.06 0.00	12.11 0.05 0.00	11.30 0.01 0.00

V_F_30_NSYNC___DSASP 323816	29.52 1.49 0.00	26.08 1.34 0.00	32.38 1.66 0.00	31.62 1.62 0.00	32.24 1.67 0.00	33.62 1.77 0.00	32.31 1.83 0.00	32.74 1.95 0.00	27.80 1.65 0.00	20.57 1.18 0.00	11.53 0.67 0.00	14.57 0.85 0.00	32.59 2.05 0.00	32.44 2.03 0.00	34.83 2.17 0.00	34.63 2.14 0.00	35.38 2.18 0.00	36.00 2.21 0.00	31.30 1.92 0.00	13.88 0.83 0.00	12.55 0.75 0.00	8.96 0.54 0.00	12.83 0.77 0.00	11.97 0.69 0.00
V_F_30_SYNC_DSASP 323786	29.04 1.01 0.00	25.62 0.89 0.00	31.83 1.12 0.00	31.09 1.10 0.00	31.68 1.12 0.00	33.02 1.18 0.00	31.67 1.19 0.00	32.04 1.24 0.00	27.21 1.06 0.00	20.13 0.74 0.00	11.29 0.43 0.00	14.30 0.57 0.00	31.86 1.32 0.00	31.71 1.30 0.00	34.03 1.37 0.00	33.86 1.36 0.00	34.58 1.38 0.00	35.19 1.40 0.00	30.62 1.23 0.00	13.60 0.55 0.00	12.30 0.51 0.00	8.78 0.36 0.00	12.58 0.52 0.00	11.74 0.46 0.00
V_XM_10_SYNC_DSASP 323789	27.97 -0.05 0.00	24.60 -0.13 0.00	30.70 -0.02 0.00	30.00 0.00 0.00	30.47 -0.10 0.00	31.58 -0.27 0.00	30.23 -0.25 0.00	30.78 -0.02 0.00	26.16 0.01 0.00	19.37 -0.02 0.00	10.80 -0.05 0.00	13.54 -0.18 0.00	30.15 -0.39 0.00	30.08 -0.33 0.00	32.52 -0.15 0.00	32.69 0.19 0.00	33.39 0.19 0.00	33.89 0.10 0.00	29.44 0.06 0.00	13.07 0.02 0.00	11.80 0.00 0.00	8.45 0.03 0.00	12.05 -0.01 0.00	11.24 -0.04 0.00
W.BABYLN_69_KV_BK1 56697	30.01 1.98 0.00	26.38 1.64 0.00	32.82 2.10 0.00	31.98 1.98 0.00	32.58 2.01 0.00	34.16 2.32 0.00	32.87 2.38 0.00	33.19 2.40 0.00	28.15 2.00 0.00	20.81 1.42 0.00	11.72 0.86 0.00	14.84 1.12 0.00	32.80 2.26 0.00	32.74 2.33 0.00	35.21 2.54 0.00	36.55 2.68 -1.37	36.96 2.78 -0.98	36.80 3.01 0.00	32.63 2.35 -0.90	14.23 1.06 -0.12	13.11 1.02 -0.29	10.21 0.76 -1.03	13.21 1.12 -0.02	12.30 1.01 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.40 1.37 0.00	25.95 1.21 0.00	32.24 1.52 0.00	31.46 1.46 0.00	32.04 1.47 0.00	33.48 1.63 0.00	32.20 1.72 0.00	32.63 1.84 0.00	27.71 1.57 0.00	20.51 1.11 0.00	11.51 0.65 0.00	14.56 0.83 0.00	32.39 1.85 0.00	32.25 1.84 0.00	34.64 1.98 0.00	34.43 1.93 0.00	35.26 2.06 0.00	35.94 2.15 0.00	31.16 1.78 0.00	13.83 0.79 0.00	12.51 0.71 0.00	8.93 0.52 0.00	12.81 0.74 0.00	11.96 0.68 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.53 1.50 0.00	26.04 1.30 0.00	32.42 1.70 0.00	31.63 1.63 0.00	32.21 1.64 0.00	33.67 1.83 0.00	32.40 1.91 0.00	32.82 2.03 0.00	27.88 1.73 0.00	20.64 1.24 0.00	11.58 0.72 0.00	14.65 0.92 0.00	32.56 2.03 0.00	32.42 2.02 0.01	34.82 2.15 0.00	34.62 2.12 0.00	35.45 2.24 0.00	36.15 2.36 0.00	31.32 1.93 0.00	13.89 0.84 0.00	12.56 0.77 0.00	8.98 0.56 0.00	12.87 0.80 0.00	12.01 0.73 0.00
W50THST__13_KV_LOAD 356117	29.62 1.60 0.00	26.12 1.39 0.00	32.51 1.80 0.00	31.72 1.72 0.00	32.30 1.74 0.00	33.77 1.93 0.00	32.49 2.01 0.00	32.93 2.14 0.00	27.98 1.83 0.00	20.71 1.31 0.00	11.62 0.76 0.00	14.70 0.98 0.00	32.68 2.15 0.00	32.54 2.13 0.01	34.94 2.28 0.00	34.75 2.25 0.00	35.58 2.37 0.00	36.27 2.48 0.00	31.43 2.04 0.00	13.94 0.89 0.00	12.60 0.81 0.00	9.00 0.59 0.00	12.91 0.85 0.00	12.05 0.77 0.00
WADING RIVER_IC_1 23522	29.80 1.78 0.00	26.13 1.40 0.00	32.52 1.80 0.00	31.68 1.68 0.00	32.28 1.71 0.00	33.90 2.06 0.00	32.67 2.19 0.00	32.94 2.14 0.00	27.91 1.76 0.00	20.60 1.20 0.00	11.59 0.73 0.00	14.69 0.97 0.00	32.41 1.87 0.00	32.33 1.91 0.00	34.85 2.19 0.00	40.11 2.42 -5.20	39.43 2.49 -3.74	36.67 2.89 0.00	34.97 2.18 -3.40	14.51 1.01 -0.45	14.00 1.03 -1.18	12.55 0.78 -3.35	13.21 1.13 -0.02	12.29 1.01 0.00
WADING RIVER_IC_2 23547	29.80 1.78 0.00	26.13 1.40 0.00	32.52 1.80 0.00	31.68 1.68 0.00	32.28 1.71 0.00	33.90 2.06 0.00	32.67 2.19 0.00	32.94 2.14 0.00	27.91 1.76 0.00	20.60 1.20 0.00	11.59 0.73 0.00	14.69 0.97 0.00	32.41 1.87 0.00	32.33 1.91 0.00	34.85 2.19 0.00	40.11 2.42 -5.20	39.43 2.49 -3.74	36.67 2.89 0.00	34.97 2.18 -3.40	14.51 1.01 -0.45	14.00 1.03 -1.18	12.55 0.78 -3.35	13.21 1.13 -0.02	12.29 1.01 0.00
WADING RIVER_IC_3 23601	29.80 1.78 0.00	26.13 1.40 0.00	32.52 1.80 0.00	31.68 1.68 0.00	32.28 1.71 0.00	33.90 2.06 0.00	32.67 2.19 0.00	32.94 2.14 0.00	27.91 1.76 0.00	20.60 1.20 0.00	11.59 0.73 0.00	14.69 0.97 0.00	32.41 1.87 0.00	32.33 1.91 0.00	34.85 2.19 0.00	40.11 2.42 -5.20	39.43 2.49 -3.74	36.67 2.89 0.00	34.97 2.18 -3.40	14.51 1.01 -0.45	14.00 1.03 -1.18	12.55 0.78 -3.35	13.21 1.13 -0.02	12.29 1.01 0.00
WALDENNY_12_KV_BK2 80841	26.73 -1.29 0.00	23.62 -1.12 0.00	28.99 -1.73 0.00	28.44 -1.56 0.00	29.14 -1.42 0.00	30.34 -1.50 0.00	28.65 -1.83 0.00	28.74 -2.05 0.00	24.31 -1.84 0.00	18.12 -1.27 0.00	10.15 -0.71 0.00	12.90 -0.82 0.00	28.71 -1.83 0.00	28.71 -1.70 0.00	30.82 -1.85 0.00	30.39 -2.11 0.00	31.03 -2.17 0.00	31.60 -2.19 0.00	27.42 -1.97 0.00	12.16 -0.89 0.00	10.99 -0.81 0.00	7.82 -0.60 0.00	11.26 -0.80 0.00	10.62 -0.66 0.00
WALDEN___HYDRO 24148	29.29 1.27 0.00	25.85 1.12 0.00	32.11 1.40 0.00	31.33 1.33 0.00	31.91 1.34 0.00	33.32 1.48 0.00	32.04 1.55 0.00	32.45 1.66 0.00	27.59 1.44 0.00	20.42 1.02 0.00	11.47 0.60 0.00	14.50 0.77 0.00	32.23 1.69 0.00	32.09 1.67 0.00	34.48 1.81 0.00	34.29 1.79 0.00	35.09 1.89 0.00	35.75 1.96 0.00	31.01 1.63 0.00	13.77 0.72 0.00	12.45 0.65 0.00	8.89 0.47 0.00	12.75 0.68 0.00	11.91 0.63 0.00
WARRENSBURG____ 23737	29.78 1.75 0.00	26.35 1.61 0.00	32.68 1.97 0.00	31.93 1.93 0.00	32.56 1.99 0.00	33.97 2.13 0.00	32.76 2.28 0.00	33.25 2.46 0.00	28.26 2.11 0.00	20.92 1.52 0.00	11.72 0.86 0.00	14.80 1.08 0.00	33.19 2.65 0.00	33.01 2.60 0.00	35.45 2.79 0.00	35.24 2.74 0.00	35.95 2.75 0.00	36.62 2.83 0.00	31.82 2.43 0.00	14.07 1.03 0.00	12.74 0.95 0.00	9.11 0.69 0.00	13.03 0.97 0.00	12.13 0.85 0.00
WATERSIDE___6 8 9 23538	29.56 1.54 0.00	26.08 1.35 0.00	32.46 1.74 0.00	31.66 1.66 0.00	32.24 1.67 0.00	33.71 1.86 0.00	32.40 1.92 0.00	32.83 2.04 0.00	27.90 1.75 0.00	20.66 1.26 0.00	11.60 0.74 0.00	14.67 0.95 0.00	32.63 2.09 0.00	32.71 2.11 -0.18	34.90 2.23 0.00	34.72 2.22 0.00	35.55 2.34 0.00	36.22 2.43 0.00	31.39 2.00 0.00	13.94 0.89 0.00	12.59 0.80 0.00	9.00 0.58 0.00	12.89 0.83 0.00	12.03 0.75 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.88 0.86 0.00	25.42 0.69 0.00	31.53 0.81 0.00	30.85 0.85 0.00	31.45 0.88 0.00	32.76 0.92 0.00	31.45 0.97 0.00	31.87 1.08 0.00	27.08 0.93 0.00	20.05 0.65 0.00	11.19 0.33 0.00	14.16 0.43 0.00	31.63 1.09 0.00	31.47 1.06 0.00	33.73 1.07 0.00	33.60 1.10 0.00	34.43 1.22 0.00	35.05 1.27 0.00	30.46 1.08 0.00	13.53 0.48 0.00	12.21 0.42 0.00	8.71 0.29 0.00	12.48 0.41 0.00	11.65 0.37 0.00

WDELAWARE___HYD 323627	28.89 0.86 0.00	25.48 0.75 0.00	31.65 0.94 0.00	30.90 0.90 0.00	31.47 0.90 0.00	32.87 1.03 0.00	31.64 1.15 0.00	32.07 1.27 0.00	27.25 1.10 0.00	20.18 0.79 0.00	11.32 0.46 0.00	14.32 0.60 0.00	31.84 1.30 0.00	31.71 1.29 0.00	34.04 1.38 0.00	33.85 1.35 0.00	34.70 1.50 0.00	35.35 1.56 0.00	30.67 1.28 0.00	13.62 0.57 0.00	12.31 0.51 0.00	8.78 0.36 0.00	12.58 0.52 0.00	11.75 0.47 0.00
WEST BABYLON___IC 23714	30.01 1.98 0.00	26.38 1.64 0.00	32.82 2.10 0.00	31.98 1.98 0.00	32.58 2.01 0.00	34.16 2.32 0.00	32.87 2.38 0.00	33.19 2.40 0.00	28.15 2.00 0.00	20.81 1.42 0.00	11.72 0.86 0.00	14.84 1.12 0.00	32.80 2.26 0.00	32.74 2.33 0.00	35.21 2.54 0.00	36.55 2.68 -1.37	36.96 2.78 -0.98	36.80 3.01 0.00	32.63 2.35 -0.90	14.23 1.06 -0.12	13.11 1.02 -0.29	10.21 0.76 -1.03	13.21 1.12 -0.02	12.30 1.01 0.00
WEST CANADA___HYD 24049	28.14 0.11 0.00	24.83 0.10 0.00	30.84 0.13 0.00	30.12 0.12 0.00	30.69 0.12 0.00	31.97 0.13 0.00	30.61 0.12 0.00	30.92 0.12 0.00	26.26 0.11 0.00	19.50 0.10 0.00	10.91 0.05 0.00	13.79 0.07 0.00	30.72 0.18 0.00	30.58 0.16 0.00	32.83 0.16 0.00	32.66 0.16 0.00	33.35 0.15 0.00	33.95 0.17 0.00	29.52 0.14 0.00	13.11 0.06 0.00	11.84 0.05 0.00	8.46 0.04 0.00	12.12 0.06 0.00	11.34 0.05 0.00
WESTERN_NY_WIND 24143	27.45 -0.58 0.00	24.21 -0.52 0.00	29.75 -0.97 0.00	29.19 -0.81 0.00	29.90 -0.67 0.00	31.16 -0.68 0.00	29.45 -1.03 0.00	29.55 -1.25 0.00	24.99 -1.16 0.00	18.58 -0.82 0.00	10.37 -0.50 0.00	13.17 -0.55 0.00	29.34 -1.21 0.00	29.25 -1.17 0.00	31.47 -1.20 0.00	31.17 -1.33 0.00	31.85 -1.36 0.00	32.45 -1.34 0.00	28.16 -1.23 0.00	12.51 -0.53 0.00	11.30 -0.49 0.00	8.04 -0.38 0.00	11.58 -0.49 0.00	10.91 -0.38 0.00
WESTOVER___LESR 323668	27.71 -0.32 0.00	24.49 -0.25 0.00	30.40 -0.32 0.00	29.71 -0.29 0.00	30.31 -0.25 0.00	31.53 -0.31 0.00	30.21 -0.27 0.00	30.48 -0.32 0.00	25.92 -0.23 0.00	19.21 -0.18 0.00	10.74 -0.12 0.00	13.62 -0.10 0.00	30.33 -0.20 0.00	30.21 -0.20 0.00	32.42 -0.24 0.00	32.11 -0.39 0.00	32.86 -0.34 0.00	33.44 -0.35 0.00	29.07 -0.31 0.00	12.89 -0.16 0.00	11.65 -0.15 0.00	8.31 -0.11 0.00	11.90 -0.17 0.00	11.14 -0.14 0.00
WETHRSFD_WT_PWR 323626	25.81 -2.22 0.00	22.81 -1.92 0.00	28.08 -2.64 0.00	27.51 -2.49 0.00	28.19 -2.38 0.00	29.33 -2.52 0.00	27.85 -2.64 0.00	28.04 -2.76 0.00	23.88 -2.27 0.00	17.72 -1.68 0.00	9.91 -0.96 0.00	12.58 -1.15 0.00	28.03 -2.51 0.00	28.06 -2.36 0.00	30.18 -2.48 0.00	29.74 -2.76 0.00	30.35 -2.85 0.00	30.98 -2.80 0.00	26.89 -2.49 0.00	11.90 -1.15 0.00	10.75 -1.05 0.00	7.64 -0.78 0.00	10.96 -1.11 0.00	10.32 -0.96 0.00
WHAVSTOR_138KV_BK127 55557	29.26 1.23 0.00	25.82 1.08 0.00	32.08 1.37 0.00	31.31 1.31 0.00	31.87 1.31 0.00	33.31 1.46 0.00	32.03 1.55 0.00	32.45 1.66 0.00	27.57 1.42 0.00	20.39 1.00 0.00	11.45 0.59 0.00	14.48 0.76 0.00	32.21 1.67 0.00	32.08 1.67 0.00	34.45 1.78 0.00	34.24 1.74 0.00	35.05 1.85 0.00	35.73 1.94 0.00	30.97 1.59 0.00	13.75 0.70 0.00	12.44 0.64 0.00	8.88 0.46 0.00	12.74 0.67 0.00	11.90 0.62 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.26 1.23 0.00	25.82 1.08 0.00	32.08 1.37 0.00	31.31 1.31 0.00	31.87 1.31 0.00	33.31 1.46 0.00	32.03 1.55 0.00	32.45 1.66 0.00	27.57 1.42 0.00	20.39 1.00 0.00	11.45 0.59 0.00	14.48 0.76 0.00	32.21 1.67 0.00	32.08 1.67 0.00	34.45 1.78 0.00	34.24 1.74 0.00	35.05 1.85 0.00	35.73 1.94 0.00	30.97 1.59 0.00	13.75 0.70 0.00	12.44 0.64 0.00	8.88 0.46 0.00	12.74 0.67 0.00	11.90 0.62 0.00
WHITEHAL_115KV_TB1 80871	30.12 2.09 0.00	26.63 1.90 0.00	32.97 2.25 0.00	32.23 2.23 0.00	32.88 2.31 0.00	34.33 2.48 0.00	33.46 2.97 0.00	34.09 3.30 0.00	28.97 2.82 0.00	21.33 1.93 0.00	11.92 1.06 0.00	15.04 1.31 0.00	33.99 3.45 0.00	33.99 3.58 0.00	36.61 3.94 0.00	36.43 3.93 0.00	37.11 3.91 0.00	37.87 4.09 0.00	32.88 3.50 0.00	14.42 1.37 0.00	13.04 1.24 0.00	9.34 0.92 0.00	13.34 1.27 0.00	12.37 1.08 0.00
WHITEPLN_13_KV_LOAD 356215	29.63 1.60 0.00	26.13 1.40 0.00	32.48 1.76 0.00	31.69 1.69 0.00	32.26 1.70 0.00	33.73 1.89 0.00	32.44 1.95 0.00	32.87 2.08 0.00	27.93 1.78 0.00	20.66 1.27 0.00	11.60 0.74 0.00	14.68 0.96 0.00	32.66 2.13 0.00	32.54 2.12 0.00	34.93 2.27 0.00	34.74 2.24 0.00	35.57 2.37 0.00	36.25 2.47 0.00	31.43 2.04 0.00	13.95 0.90 0.00	12.61 0.81 0.00	9.01 0.59 0.00	12.91 0.85 0.00	12.06 0.78 0.00
WM_FLOYD_69_KV_BK2 356380	29.83 1.81 0.00	26.17 1.43 0.00	32.57 1.85 0.00	31.73 1.73 0.00	32.32 1.75 0.00	33.94 2.09 0.00	32.69 2.20 0.00	32.96 2.17 0.00	27.93 1.78 0.00	20.61 1.21 0.00	11.59 0.74 0.00	14.69 0.97 0.00	32.40 1.87 0.00	32.32 1.91 0.00	34.83 2.17 0.00	39.84 2.39 -4.95	39.22 2.45 -3.56	36.62 2.83 0.00	34.77 2.14 -3.24	14.47 0.99 -0.43	13.92 1.00 -1.12	12.50 0.77 -3.32	13.20 1.11 -0.02	12.28 1.00 0.00
WOODARD__115KV_TB2 355635	27.58 -0.45 0.00	24.35 -0.39 0.00	30.19 -0.52 0.00	29.48 -0.52 0.00	30.07 -0.49 0.00	31.33 -0.51 0.00	29.97 -0.51 0.00	30.21 -0.59 0.00	25.63 -0.51 0.00	19.05 -0.35 0.00	10.66 -0.20 0.00	13.49 -0.23 0.00	30.00 -0.54 0.00	29.87 -0.54 0.00	32.05 -0.61 0.00	31.83 -0.68 0.00	32.49 -0.71 0.00	33.06 -0.72 0.00	28.80 -0.58 0.00	12.80 -0.25 0.00	11.57 -0.22 0.00	8.25 -0.17 0.00	11.82 -0.25 0.00	11.05 -0.23 0.00
WOODMERE_69_KV_BK1 55827	29.90 1.88 0.00	26.32 1.58 0.00	32.73 2.01 0.00	31.91 1.91 0.00	32.50 1.94 0.00	34.05 2.20 0.00	32.75 2.26 0.00	33.07 2.27 0.00	28.09 1.94 0.00	20.78 1.39 0.00	11.70 0.84 0.00	14.83 1.10 0.00	32.87 2.33 0.00	32.79 2.38 0.00	35.19 2.52 0.00	35.04 2.54 0.00	35.88 2.68 0.00	36.69 2.90 0.00	31.63 2.25 0.00	14.07 1.03 0.00	12.76 0.96 0.00	10.35 0.71 -1.21	13.13 1.03 -0.04	12.21 0.93 0.00
YORK___WARBASSE 23770	29.61 1.59 0.00	26.14 1.40 0.00	32.51 1.80 0.00	31.71 1.71 0.00	32.29 1.72 0.00	33.76 1.91 0.00	32.47 1.99 0.00	32.93 2.13 0.00	27.97 1.82 0.00	20.70 1.30 0.00	11.62 0.76 0.00	14.70 0.97 0.00	32.67 2.13 0.00	32.75 2.15 -0.18	34.93 2.27 0.00	34.75 2.25 0.00	35.67 2.46 0.00	36.36 2.58 0.00	31.51 2.12 0.00	13.98 0.93 0.00	12.63 0.84 0.00	9.02 0.61 0.00	12.93 0.87 0.00	12.06 0.78 0.00