

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/03/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	32.93	31.36	28.40	23.04	17.72	19.77	23.22	25.77	21.53	22.91	24.23	23.34	24.56	27.30	30.63	34.91	47.41	65.62	80.74	71.05	59.91	72.75	44.68	34.24
24138	1.55	1.62	1.50	1.25	1.00	1.15	1.23	1.10	1.06	1.20	1.51	1.59	1.67	1.88	1.98	2.20	2.60	3.00	3.64	3.00	2.18	2.82	1.81	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.96	31.38	28.42	23.05	17.73	19.79	23.23	25.80	21.55	22.92	24.25	23.35	24.59	27.33	30.66	34.95	47.50	65.82	81.04	71.35	60.18	73.07	44.85	34.34
24260	1.58	1.64	1.53	1.27	1.01	1.16	1.24	1.13	1.07	1.21	1.53	1.60	1.70	1.90	2.01	2.24	2.68	3.20	3.94	3.29	2.45	3.14	1.97	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.96	31.38	28.42	23.05	17.73	19.79	23.23	25.80	21.55	22.92	24.25	23.35	24.59	27.33	30.66	34.95	47.50	65.82	81.04	71.35	60.18	73.07	44.85	34.34
24261	1.58	1.64	1.53	1.27	1.01	1.16	1.24	1.13	1.07	1.21	1.53	1.60	1.70	1.90	2.01	2.24	2.68	3.20	3.94	3.29	2.45	3.14	1.97	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	32.86	31.16	28.32	23.05	17.71	19.77	23.26	25.82	21.37	22.50	23.40	22.32	23.50	26.04	29.20	33.39	46.22	65.22	81.40	72.28	61.23	73.91	45.06	34.41
24011	1.48	1.42	1.42	1.27	0.99	1.15	1.27	1.15	0.89	0.79	0.67	0.58	0.61	0.62	0.55	0.68	1.40	2.60	4.30	4.22	3.50	3.98	2.18	1.67
	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	33.04	31.30	28.48	23.21	17.83	19.91	23.42	25.98	21.48	22.58	23.45	22.37	23.56	26.08	29.23	33.44	46.36	65.59	82.00	72.92	61.76	74.49	45.32	34.64
23798	1.65	1.56	1.58	1.42	1.10	1.29	1.43	1.31	1.01	0.88	0.72	0.63	0.67	0.66	0.57	0.73	1.54	2.97	4.89	4.86	4.03	4.56	2.44	1.90
	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	32.86	31.16	28.32	23.05	17.71	19.77	23.26	25.82	21.37	22.50</														

ALBANY___2 23572	31.44 0.05 0.00	29.89 0.14 0.00	27.18 0.29 0.00	22.12 0.34 0.00	17.03 0.31 0.00	18.98 0.35 0.00	22.31 0.31 0.00	24.80 0.13 0.00	20.59 0.11 0.00	21.79 0.08 0.00	22.84 0.12 0.00	21.86 0.12 0.00	23.04 0.15 0.00	25.56 0.13 0.00	28.70 0.04 0.00	32.71 0.00 0.00	44.73 -0.09 0.00	62.38 -0.24 0.00	76.91 -0.20 0.00	68.14 0.08 0.00	57.65 -0.08 0.00	69.81 -0.12 0.00	42.82 -0.06 0.00	32.77 0.03 0.00
ALBANY___3 23573	31.44 0.05 0.00	29.89 0.14 0.00	27.18 0.29 0.00	22.12 0.34 0.00	17.03 0.31 0.00	18.98 0.35 0.00	22.31 0.31 0.00	24.80 0.13 0.00	20.59 0.11 0.00	21.79 0.08 0.00	22.84 0.12 0.00	21.86 0.12 0.00	23.04 0.15 0.00	25.56 0.13 0.00	28.70 0.04 0.00	32.71 0.00 0.00	44.73 -0.09 0.00	62.38 -0.24 0.00	76.91 -0.20 0.00	68.14 0.08 0.00	57.65 -0.08 0.00	69.81 -0.12 0.00	42.82 -0.06 0.00	32.77 0.03 0.00
ALBANY___4 23574	31.44 0.05 0.00	29.89 0.14 0.00	27.18 0.29 0.00	22.12 0.34 0.00	17.03 0.31 0.00	18.98 0.35 0.00	22.31 0.31 0.00	24.80 0.13 0.00	20.59 0.11 0.00	21.79 0.08 0.00	22.84 0.12 0.00	21.86 0.12 0.00	23.04 0.15 0.00	25.56 0.13 0.00	28.70 0.04 0.00	32.71 0.00 0.00	44.73 -0.09 0.00	62.38 -0.24 0.00	76.91 -0.20 0.00	68.14 0.08 0.00	57.65 -0.08 0.00	69.81 -0.12 0.00	42.82 -0.06 0.00	32.77 0.03 0.00
ALBANY___LFGE 323615	31.76 0.38 0.00	30.19 0.44 0.00	27.43 0.54 0.00	22.32 0.53 0.00	17.18 0.46 0.00	19.14 0.52 0.00	22.51 0.52 0.00	25.02 0.35 0.00	20.77 0.30 0.00	21.98 0.28 0.00	23.04 0.32 0.00	22.06 0.32 0.00	23.25 0.36 0.00	25.79 0.37 0.00	28.98 0.32 0.00	33.05 0.34 0.00	45.26 0.45 0.00	63.19 0.57 0.00	77.96 0.86 0.00	69.04 0.98 0.00	58.40 0.67 0.00	70.69 0.77 0.00	43.34 0.46 0.00	33.13 0.39 0.00
ALCOA_PA_115KV_PL-6C 55860	32.02 0.64 0.00	30.07 0.33 0.00	26.85 -0.04 0.00	21.69 -0.09 0.00	16.61 -0.11 0.00	18.45 -0.18 0.00	21.84 -0.15 0.00	25.00 0.33 0.00	20.77 0.30 0.00	22.06 0.36 0.00	23.05 0.32 0.00	22.05 0.31 0.00	23.20 0.31 0.00	25.83 0.40 0.00	29.24 0.59 0.00	33.30 0.59 0.00	45.78 0.97 0.00	64.11 1.49 0.00	78.30 1.20 0.00	68.93 0.87 0.00	58.65 0.92 0.00	71.45 1.53 0.00	43.89 1.01 0.00	33.48 0.75 0.00
ALCOA_RYNLDS___DRP 24188	32.02 0.64 0.00	30.07 0.33 0.00	26.85 -0.04 0.00	21.69 -0.09 0.00	16.61 -0.11 0.00	18.45 -0.18 0.00	21.84 -0.15 0.00	25.00 0.33 0.00	20.77 0.30 0.00	22.06 0.36 0.00	23.05 0.32 0.00	22.05 0.31 0.00	23.20 0.31 0.00	25.83 0.40 0.00	29.24 0.59 0.00	33.30 0.59 0.00	45.78 0.97 0.00	64.11 1.49 0.00	78.30 1.20 0.00	68.93 0.87 0.00	58.65 0.92 0.00	71.45 1.53 0.00	43.89 1.01 0.00	33.48 0.75 0.00
ALCOA___DSASP 323711	32.02 0.64 0.00	30.07 0.33 0.00	26.85 -0.04 0.00	21.69 -0.09 0.00	16.61 -0.11 0.00	18.45 -0.18 0.00	21.84 -0.15 0.00	25.00 0.33 0.00	20.77 0.30 0.00	22.06 0.36 0.00	23.05 0.32 0.00	22.05 0.31 0.00	23.20 0.31 0.00	25.83 0.40 0.00	29.24 0.59 0.00	33.30 0.59 0.00	45.78 0.97 0.00	64.11 1.49 0.00	78.30 1.20 0.00	68.93 0.87 0.00	58.65 0.92 0.00	71.45 1.53 0.00	43.89 1.01 0.00	33.48 0.75 0.00
ALLEGHENY___COGEN 23514	32.44 1.06 0.00	31.08 1.34 0.00	27.89 1.00 0.00	22.53 0.75 0.00	17.16 0.44 0.00	19.19 0.57 0.00	22.70 0.71 0.00	24.97 0.30 0.00	20.23 -0.24 0.00	21.38 -0.32 0.00	22.32 -0.40 0.00	21.47 -0.27 0.00	22.67 -0.22 0.00	25.35 -0.07 0.00	28.86 0.20 0.00	32.93 0.22 0.00	45.21 0.40 0.00	63.43 0.81 0.00	78.47 1.37 0.00	70.51 2.45 0.00	60.41 2.68 0.00	73.23 3.30 0.00	44.85 1.97 0.00	34.05 1.31 0.00
ALTAMONT_115KV_TB 2 55880	31.78 0.39 0.00	30.20 0.45 0.00	27.43 0.54 0.00	22.29 0.51 0.00	17.14 0.42 0.00	19.11 0.49 0.00	22.49 0.50 0.00	25.01 0.34 0.00	20.76 0.28 0.00	21.97 0.26 0.00	23.03 0.31 0.00	22.05 0.31 0.00	23.23 0.34 0.00	25.77 0.35 0.00	28.96 0.30 0.00	33.02 0.31 0.00	45.23 0.41 0.00	63.08 0.46 0.00	77.77 0.67 0.00	68.88 0.82 0.00	58.33 0.61 0.00	70.67 0.74 0.00	43.34 0.46 0.00	33.13 0.39 0.00
ALTONA_WT_PWR 323606	31.42 0.04 0.00	29.59 -0.15 0.00	26.60 -0.29 0.00	21.50 -0.28 0.00	16.49 -0.23 0.00	18.31 -0.32 0.00	21.59 -0.40 0.00	24.60 -0.08 0.00	20.58 0.10 0.00	21.80 0.09 0.00	22.74 0.01 0.00	21.76 0.02 0.00	22.95 0.06 0.00	25.54 0.12 0.00	28.89 0.23 0.00	32.86 0.15 0.00	45.08 0.27 0.00	63.24 0.62 0.00	77.67 0.57 0.00	68.24 0.18 0.00	57.92 0.19 0.00	69.95 0.02 0.00	43.09 0.21 0.00	32.95 0.21 0.00
AMERICAN_REF_FUEL 24010	30.44 -0.94 0.00	29.56 -0.18 0.00	26.41 -0.48 0.00	21.29 -0.49 0.00	16.08 -0.65 0.00	17.97 -0.65 0.00	21.30 -0.69 0.00	23.44 -1.23 0.00	19.31 -1.17 0.00	20.59 -1.12 0.00	21.47 -1.25 0.00	20.71 -1.03 0.00	21.81 -1.08 0.00	24.42 -1.00 0.00	27.93 -0.73 0.00	31.54 -1.18 0.00	43.00 -1.81 0.00	59.82 -2.80 0.00	73.14 -3.96 0.00	64.45 -3.61 0.00	54.60 -3.13 0.00	66.05 -3.87 0.00	41.22 -1.66 0.00	31.57 -1.17 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.11 -0.27 0.00	30.09 0.34 0.00	26.87 -0.02 0.00	21.70 -0.09 0.00	16.47 -0.25 0.00	18.52 -0.11 0.00	21.91 -0.08 0.00	24.16 -0.51 0.00	19.93 -0.55 0.00	21.15 -0.56 0.00	22.06 -0.66 0.00	21.31 -0.43 0.00	22.46 -0.43 0.00	25.18 -0.24 0.00	28.73 0.07 0.00	32.66 -0.06 0.00	44.48 -0.33 0.00	62.20 -0.42 0.00	76.27 -0.83 0.00	67.40 -0.66 0.00	57.30 -0.43 0.00	69.44 -0.49 0.00	42.68 -0.20 0.00	32.64 -0.09 0.00
ARTHUR KILL_GT_1 23520	33.34 1.95 0.00	31.69 1.95 0.00	28.67 1.78 0.00	23.27 1.49 0.00	17.87 1.15 0.00	19.94 1.31 0.00	23.35 1.36 0.00	25.91 1.24 0.00	21.60 1.12 0.00	22.91 1.20 0.00	24.21 1.49 0.00	23.32 1.58 0.00	24.52 1.63 0.00	27.21 1.79 0.00	30.57 1.91 0.00	34.84 2.13 0.00	47.16 2.34 0.00	65.17 2.55 0.00	80.44 3.34 0.00	70.82 2.77 0.00	59.69 1.96 0.00	72.57 2.64 0.00	44.67 1.79 0.00	34.30 1.56 0.00
ARTHUR_KILL_2 23512	33.23 1.85 0.00	31.60 1.85 -0.01	28.59 1.69 -0.01	23.21 1.42 -0.01	17.83 1.10 -0.01	19.89 1.26 -0.01	23.29 1.29 -0.01	25.84 1.16 -0.01	21.54 1.05 -0.01	22.84 1.13 0.00	24.15 1.42 0.00	23.25 1.51 0.00	24.45 1.56 0.00	27.13 1.71 0.00	30.47 1.81 0.00	34.74 2.03 0.00	47.00 2.19 0.00	64.94 2.32 0.00	80.13 3.03 0.00	70.55 2.50 0.00	59.45 1.73 0.00	72.28 2.35 0.00	44.50 1.62 0.00	34.19 1.44 -0.01
ARTHUR_KILL_3 23513	32.55 1.17 0.00	30.99 1.25 0.00	28.07 1.18 0.00	22.79 1.01 0.00	17.53 0.81 0.00	19.56 0.93 0.00	22.98 0.98 0.00	25.50 0.83 0.00	21.31 0.83 0.00	22.68 0.97 0.00	23.99 1.26 0.00	23.08 1.34 0.00	24.31 1.42 0.00	26.99 1.57 0.00	30.30 1.64 0.00	34.56 1.84 0.00	46.90 2.09 0.00	64.98 2.35 0.00	80.01 2.91 0.00	70.40 2.34 0.00	59.33 1.60 0.00	72.05 2.13 0.00	44.26 1.38 0.00	33.91 1.17 0.00

ARTHUR_KILL_COGEN 323718	33.34 1.95 0.00	31.70 1.95 -0.01	28.68 1.78 -0.01	23.28 1.49 -0.01	17.88 1.15 -0.01	19.95 1.31 -0.01	23.36 1.36 -0.01	25.92 1.24 -0.01	21.60 1.12 -0.01	22.91 1.20 0.00	24.22 1.49 0.00	23.32 1.58 0.00	24.52 1.63 0.00	27.21 1.79 0.00	30.57 1.91 0.00	34.84 2.13 0.00	47.16 2.35 0.00	65.17 2.55 0.00	80.44 3.33 0.00	70.83 2.77 0.00	59.69 1.96 0.00	72.57 2.64 0.00	44.67 1.79 0.00	34.31 1.56 -0.01
ASHOKAN____ 23654	32.15 0.76 0.00	30.52 0.77 0.00	27.70 0.81 0.00	22.49 0.70 0.00	17.29 0.57 0.00	19.28 0.66 0.00	22.67 0.68 0.00	25.21 0.54 0.00	20.98 0.50 0.00	22.22 0.51 0.00	23.34 0.61 0.00	22.39 0.65 0.00	23.61 0.72 0.00	26.24 0.82 0.00	29.50 0.84 0.00	33.75 1.04 0.00	46.27 1.45 0.00	64.68 2.06 0.00	79.98 2.88 0.00	70.82 2.77 0.00	59.91 2.18 0.00	72.47 2.54 0.00	44.24 1.37 0.00	33.68 0.94 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.69 1.30 0.00	31.12 1.38 0.01	28.18 1.29 0.00	22.85 1.07 0.01	17.57 0.86 0.01	19.61 0.99 0.01	23.04 1.05 0.01	25.57 0.90 0.00	21.33 0.86 0.00	22.73 1.02 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.53 0.00	27.13 1.71 0.00	30.44 1.78 0.00	34.62 1.91 0.00	46.94 2.13 0.00	65.04 2.42 0.00	80.16 3.05 0.00	70.62 2.56 0.00	59.58 1.86 0.00	72.40 2.48 0.00	44.56 1.68 0.00	34.05 1.31 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.69 1.30 0.00	31.12 1.38 0.01	28.18 1.29 0.00	22.85 1.07 0.01	17.57 0.86 0.01	19.61 0.99 0.01	23.04 1.05 0.01	25.57 0.90 0.00	21.33 0.86 0.00	22.73 1.02 0.00	24.09 1.36 0.00	23.18 1.44 0.00	24.42 1.53 0.00	27.13 1.71 0.00	30.44 1.78 0.00	34.62 1.91 0.00	46.94 2.13 0.00	65.04 2.42 0.00	80.16 3.05 0.00	70.62 2.56 0.00	59.58 1.86 0.00	72.40 2.48 0.00	44.56 1.68 0.00	34.05 1.31 0.00
ASTORIA_GT2_1 24094	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT2_2 24095	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT2_3 24096	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT2_4 24097	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT3_1 24098	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT3_2 24099	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT3_3 24100	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT3_4 24101	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT4_1 24102	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT4_2 24103	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT4_3 24104	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01

ASTORIA_GT4_4 24105	32.70 1.31 0.00	31.12 1.39 0.02	28.19 1.31 0.01	22.86 1.09 0.02	17.57 0.86 0.02	19.61 1.00 0.02	23.04 1.06 0.02	25.58 0.92 0.01	21.34 0.87 0.01	22.74 1.04 0.00	24.09 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.79 0.00	34.62 1.91 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.19 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.53 0.00	44.57 1.69 0.00	34.06 1.33 0.01
ASTORIA_GT_1 23523	32.76 1.38 0.00	31.18 1.45 0.02	28.25 1.36 0.01	22.89 1.13 0.02	17.60 0.90 0.02	19.64 1.04 0.02	23.08 1.10 0.02	25.63 0.97 0.01	21.37 0.90 0.01	22.79 1.08 0.00	24.15 1.42 0.00	23.23 1.49 0.00	24.48 1.59 0.00	27.19 1.77 0.00	30.51 1.85 0.00	34.70 1.99 0.00	47.06 2.25 0.00	65.23 2.61 0.00	80.38 3.28 0.00	70.81 2.75 0.00	59.73 2.00 0.00	72.61 2.68 0.00	44.68 1.80 0.00	34.13 1.40 0.01
ASTORIA_GT_10 24110	32.83 1.44 0.00	31.27 1.53 0.00	28.33 1.43 0.00	22.98 1.20 0.00	17.67 0.95 0.00	19.72 1.10 0.00	23.16 1.16 0.00	25.71 1.04 0.00	21.46 0.98 0.00	22.82 1.12 0.00	24.15 1.42 0.00	23.25 1.50 0.00	24.49 1.59 0.00	27.21 1.79 0.00	30.51 1.85 0.00	34.73 2.02 0.00	47.09 2.27 0.00	65.16 2.54 0.00	80.30 3.20 0.00	70.71 2.65 0.00	59.64 1.91 0.00	72.50 2.57 0.00	44.57 1.70 0.00	34.17 1.43 0.00
ASTORIA_GT_11 24225	32.83 1.44 0.00	31.27 1.53 0.00	28.33 1.43 0.00	22.98 1.20 0.00	17.67 0.95 0.00	19.72 1.10 0.00	23.16 1.16 0.00	25.71 1.04 0.00	21.46 0.98 0.00	22.82 1.12 0.00	24.15 1.42 0.00	23.25 1.50 0.00	24.49 1.59 0.00	27.21 1.79 0.00	30.51 1.85 0.00	34.73 2.02 0.00	47.09 2.27 0.00	65.16 2.54 0.00	80.30 3.20 0.00	70.71 2.65 0.00	59.64 1.91 0.00	72.50 2.57 0.00	44.57 1.70 0.00	34.17 1.43 0.00
ASTORIA_GT_12 24226	32.83 1.44 0.00	31.27 1.53 0.00	28.33 1.43 0.00	22.98 1.20 0.00	17.67 0.95 0.00	19.72 1.10 0.00	23.16 1.16 0.00	25.71 1.04 0.00	21.46 0.98 0.00	22.82 1.12 0.00	24.15 1.42 0.00	23.25 1.50 0.00	24.49 1.59 0.00	27.21 1.79 0.00	30.51 1.85 0.00	34.73 2.02 0.00	47.09 2.27 0.00	65.16 2.54 0.00	80.30 3.20 0.00	70.71 2.65 0.00	59.64 1.91 0.00	72.50 2.57 0.00	44.57 1.70 0.00	34.17 1.43 0.00
ASTORIA_GT_13 24227	32.83 1.44 0.00	31.27 1.53 0.00	28.33 1.43 0.00	22.98 1.20 0.00	17.67 0.95 0.00	19.72 1.10 0.00	23.16 1.16 0.00	25.71 1.04 0.00	21.46 0.98 0.00	22.82 1.12 0.00	24.15 1.42 0.00	23.25 1.50 0.00	24.49 1.59 0.00	27.21 1.79 0.00	30.51 1.85 0.00	34.73 2.02 0.00	47.09 2.27 0.00	65.16 2.54 0.00	80.30 3.20 0.00	70.71 2.65 0.00	59.64 1.91 0.00	72.50 2.57 0.00	44.57 1.70 0.00	34.17 1.43 0.00
ASTORIA_GT_5 24106	32.76 1.38 0.00	31.18 1.45 0.02	28.25 1.36 0.01	22.89 1.13 0.02	17.60 0.90 0.02	19.64 1.04 0.02	23.08 1.10 0.02	25.63 0.97 0.01	21.37 0.90 0.01	22.79 1.08 0.00	24.15 1.42 0.00	23.23 1.49 0.00	24.48 1.59 0.00	27.19 1.77 0.00	30.51 1.85 0.00	34.70 1.99 0.00	47.06 2.25 0.00	65.23 2.61 0.00	80.38 3.28 0.00	70.81 2.75 0.00	59.73 2.00 0.00	72.61 2.68 0.00	44.68 1.80 0.00	34.13 1.40 0.01
ASTORIA_GT_7 24107	32.76 1.38 0.00	31.18 1.45 0.02	28.25 1.36 0.01	22.89 1.13 0.02	17.60 0.90 0.02	19.64 1.04 0.02	23.08 1.10 0.02	25.63 0.97 0.01	21.37 0.90 0.01	22.79 1.08 0.00	24.15 1.42 0.00	23.23 1.49 0.00	24.48 1.59 0.00	27.19 1.77 0.00	30.51 1.85 0.00	34.70 1.99 0.00	47.06 2.25 0.00	65.23 2.61 0.00	80.38 3.28 0.00	70.81 2.75 0.00	59.73 2.00 0.00	72.61 2.68 0.00	44.68 1.80 0.00	34.13 1.40 0.01
ASTORIA_GT_8 24108	32.76 1.38 0.00	31.18 1.45 0.02	28.25 1.36 0.01	22.89 1.13 0.02	17.60 0.90 0.02	19.64 1.04 0.02	23.08 1.10 0.02	25.63 0.97 0.01	21.37 0.90 0.01	22.79 1.08 0.00	24.15 1.42 0.00	23.23 1.49 0.00	24.48 1.59 0.00	27.19 1.77 0.00	30.51 1.85 0.00	34.70 1.99 0.00	47.06 2.25 0.00	65.23 2.61 0.00	80.38 3.28 0.00	70.81 2.75 0.00	59.73 2.00 0.00	72.61 2.68 0.00	44.68 1.80 0.00	34.13 1.40 0.01
ASTORIA___2 24149	32.70 1.31 0.00	31.13 1.39 0.01	28.20 1.31 0.00	22.86 1.09 0.01	17.58 0.86 0.01	19.62 1.00 0.01	23.05 1.06 0.01	25.59 0.92 0.00	21.34 0.87 0.00	22.74 1.04 0.00	24.10 1.37 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.14 1.72 0.00	30.45 1.80 0.00	34.64 1.92 0.00	46.97 2.15 0.00	65.08 2.46 0.00	80.20 3.09 0.00	70.65 2.59 0.00	59.61 1.88 0.00	72.45 2.52 0.00	44.57 1.69 0.00	34.06 1.33 0.00
ASTORIA___3 23516	32.83 1.44 0.00	31.28 1.53 -0.01	28.33 1.43 -0.01	22.99 1.20 -0.01	17.67 0.95 -0.01	19.73 1.10 -0.01	23.17 1.16 -0.01	25.72 1.04 -0.01	21.47 0.98 -0.01	22.82 1.11 0.00	24.15 1.42 0.00	23.25 1.51 0.00	24.49 1.59 0.00	27.21 1.78 0.00	30.51 1.85 0.00	34.74 2.03 0.00	47.09 2.27 0.00	65.16 2.54 0.00	80.30 3.20 0.00	70.71 2.65 0.00	59.64 1.91 0.00	72.49 2.56 0.00	44.57 1.70 0.00	34.17 1.43 -0.01
ASTORIA___4 23517	32.83 1.44 0.00	31.27 1.53 0.00	28.33 1.43 0.00	22.98 1.20 0.00	17.67 0.95 0.00	19.72 1.10 0.00	23.16 1.16 0.00	25.71 1.04 0.00	21.46 0.98 0.00	22.82 1.12 0.00	24.15 1.42 0.00	23.25 1.50 0.00	24.49 1.59 0.00	27.21 1.79 0.00	30.51 1.85 0.00	34.73 2.02 0.00	47.09 2.27 0.00	65.16 2.54 0.00	80.30 3.20 0.00	70.71 2.65 0.00	59.64 1.91 0.00	72.50 2.57 0.00	44.57 1.70 0.00	34.17 1.43 0.00
ASTORIA___5 23518	32.83 1.44 0.00	31.28 1.53 -0.01	28.33 1.43 -0.01	22.99 1.20 -0.01	17.67 0.95 -0.01	19.73 1.10 -0.01	23.17 1.16 -0.01	25.72 1.04 -0.01	21.47 0.98 -0.01	22.82 1.11 0.00	24.15 1.42 0.00	23.25 1.51 0.00	24.49 1.59 0.00	27.21 1.78 0.00	30.51 1.85 0.00	34.74 2.03 0.00	47.09 2.27 0.00	65.16 2.54 0.00	80.30 3.20 0.00	70.71 2.65 0.00	59.64 1.91 0.00	72.50 2.57 0.00	44.57 1.70 0.00	34.17 1.43 -0.01
AST_ENERGY_2_CC3 323677	32.69 1.31 0.00	31.12 1.37 0.00	28.20 1.31 0.00	22.88 1.10 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.06 1.06 0.00	25.59 0.93 0.00	21.38 0.90 0.00	22.73 1.03 0.00	24.06 1.33 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.08 1.66 0.00	30.38 1.72 0.00	34.62 1.91 0.00	47.01 2.19 0.00	65.12 2.50 0.00	80.17 3.06 0.00	70.58 2.53 0.00	59.53 1.80 0.00	72.28 2.35 0.00	44.40 1.52 0.00	34.01 1.27 0.00
AST_ENERGY_2_CC4 323678	32.69 1.31 0.00	31.12 1.37 0.00	28.20 1.31 0.00	22.88 1.10 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.06 1.06 0.00	25.59 0.93 0.00	21.38 0.90 0.00	22.73 1.03 0.00	24.06 1.33 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.08 1.66 0.00	30.38 1.72 0.00	34.62 1.91 0.00	47.01 2.19 0.00	65.12 2.50 0.00	80.17 3.06 0.00	70.58 2.53 0.00	59.53 1.80 0.00	72.28 2.35 0.00	44.40 1.52 0.00	34.01 1.27 0.00

ATHENS_STG_1 23668	31.84 0.46 0.00	30.27 0.52 0.00	27.53 0.63 0.00	22.36 0.57 0.00	17.20 0.48 0.00	19.18 0.56 0.00	22.55 0.56 0.00	25.06 0.39 0.00	20.84 0.36 0.00	22.10 0.39 0.00	23.22 0.50 0.00	22.25 0.51 0.00	23.44 0.55 0.00	26.03 0.61 0.00	29.23 0.57 0.00	33.32 0.61 0.00	45.54 0.73 0.00	63.36 0.74 0.00	77.90 0.80 0.00	68.92 0.86 0.00	58.34 0.61 0.00	70.74 0.82 0.00	43.38 0.50 0.00	33.19 0.45 0.00
ATHENS_STG_2 23670	31.84 0.46 0.00	30.27 0.52 0.00	27.53 0.63 0.00	22.36 0.57 0.00	17.20 0.48 0.00	19.18 0.56 0.00	22.55 0.56 0.00	25.06 0.39 0.00	20.84 0.36 0.00	22.10 0.39 0.00	23.22 0.50 0.00	22.25 0.51 0.00	23.44 0.55 0.00	26.03 0.61 0.00	29.23 0.57 0.00	33.32 0.61 0.00	45.54 0.73 0.00	63.36 0.74 0.00	77.90 0.80 0.00	68.92 0.86 0.00	58.34 0.61 0.00	70.74 0.82 0.00	43.38 0.50 0.00	33.19 0.45 0.00
ATHENS_STG_3 23677	31.84 0.46 0.00	30.27 0.52 0.00	27.53 0.63 0.00	22.36 0.57 0.00	17.20 0.48 0.00	19.18 0.56 0.00	22.55 0.56 0.00	25.06 0.39 0.00	20.84 0.36 0.00	22.10 0.39 0.00	23.22 0.50 0.00	22.25 0.51 0.00	23.44 0.55 0.00	26.03 0.61 0.00	29.23 0.57 0.00	33.32 0.61 0.00	45.54 0.73 0.00	63.36 0.74 0.00	77.90 0.80 0.00	68.92 0.86 0.00	58.34 0.61 0.00	70.74 0.82 0.00	43.38 0.50 0.00	33.19 0.45 0.00
AUBURN___LFGE 323710	31.33 -0.05 0.00	29.85 0.11 0.00	27.06 0.16 0.00	21.91 0.12 0.00	16.81 0.08 0.00	18.77 0.14 0.00	22.06 0.07 0.00	24.61 -0.06 0.00	20.33 -0.15 0.00	21.49 -0.22 0.00	22.44 -0.29 0.00	21.47 -0.27 0.00	22.62 -0.27 0.00	25.18 -0.23 0.00	28.46 -0.19 0.00	32.53 -0.18 0.00	44.71 -0.10 0.00	62.74 0.12 0.00	77.33 0.23 0.00	68.73 0.67 0.00	58.35 0.62 0.00	70.48 0.55 0.00	43.11 0.23 0.00	32.82 0.08 0.00
BABYLON_RES_REC 323704	32.80 1.42 0.00	31.27 1.53 0.00	28.29 1.40 0.00	22.89 1.10 0.00	17.59 0.87 0.00	19.62 0.99 0.00	22.94 0.95 0.00	25.50 0.84 0.00	21.17 0.69 0.00	22.64 0.93 0.00	24.27 1.55 0.00	23.47 1.73 0.00	25.74 1.83 -1.02	43.76 2.05 -16.29	44.35 2.05 -13.65	40.00 2.10 -5.18	46.99 2.17 0.00	64.94 2.31 0.00	79.81 2.71 0.00	70.06 2.01 0.00	59.25 1.52 0.00	72.36 2.43 0.00	44.16 1.28 0.00	34.00 1.26 0.00
BALL_HILL_WT_PWR 323825	30.85 -0.54 0.00	29.84 0.09 0.00	26.68 -0.21 0.00	21.54 -0.25 0.00	16.34 -0.38 0.00	18.34 -0.28 0.00	21.71 -0.28 0.00	23.93 -0.74 0.00	19.74 -0.74 0.00	20.96 -0.74 0.00	21.87 -0.85 0.00	21.11 -0.63 0.00	22.24 -0.64 0.00	24.92 -0.50 0.00	28.46 -0.20 0.00	32.35 -0.37 0.00	44.10 -0.72 0.00	61.52 -1.11 0.00	75.37 -1.74 0.00	66.51 -1.55 0.00	56.46 -1.27 0.00	68.40 -1.53 0.00	42.18 -0.70 0.00	32.26 -0.48 0.00
BARON_WINDS___WT_PWR 323822	31.03 -0.35 0.00	29.81 0.07 0.00	26.77 -0.12 0.00	21.65 -0.13 0.00	16.50 -0.22 0.00	18.49 -0.14 0.00	21.83 -0.16 0.00	24.08 -0.59 0.00	19.78 -0.70 0.00	20.89 -0.82 0.00	21.79 -0.93 0.00	20.97 -0.77 0.00	22.12 -0.77 0.00	24.73 -0.69 0.00	28.08 -0.58 0.00	32.04 -0.67 0.00	43.81 -1.01 0.00	61.27 -1.35 0.00	75.68 -1.43 0.00	67.25 -0.81 0.00	57.27 -0.46 0.00	69.38 -0.55 0.00	42.51 -0.37 0.00	32.51 -0.23 0.00
BARRETT_IC_1 23704	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT_IC_10 23701	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT_IC_11 23702	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT_IC_12 23703	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT_IC_2 23705	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT_IC_3 23706	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT_IC_4 23707	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT_IC_5 23708	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00

BARRETT_IC_6 23709	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT_IC_7 23710	32.59 1.21 0.00	31.06 1.32 0.00	28.11 1.21 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.05 0.58 0.00	22.51 0.81 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.09 -5.18	47.02 2.21 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.88 1.14 0.00
BARRETT_IC_8 23711	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT_IC_9 23700	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT___1 23545	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BARRETT___2 23546	32.59 1.21 0.00	31.06 1.32 0.00	28.12 1.22 0.00	22.77 0.98 0.00	17.50 0.78 0.00	19.52 0.89 0.00	22.83 0.83 0.00	25.35 0.68 0.00	21.06 0.58 0.00	22.51 0.80 0.00	24.10 1.38 0.00	23.31 1.57 0.00	25.57 1.67 -1.02	43.55 1.84 -16.29	44.24 1.93 -13.65	39.99 2.10 -5.18	47.02 2.20 0.00	65.19 2.57 0.00	80.08 2.98 0.00	70.37 2.31 0.00	59.42 1.69 0.00	72.43 2.50 0.00	44.32 1.44 0.00	33.87 1.14 0.00
BATAVIA___115KV_TB1 55881	31.52 0.14 0.00	30.41 0.67 0.00	27.20 0.31 0.00	21.95 0.16 0.00	16.64 -0.08 0.00	18.61 -0.02 0.00	22.04 0.04 0.00	24.26 -0.41 0.00	19.94 -0.53 0.00	21.16 -0.54 0.00	22.04 -0.68 0.00	21.23 -0.51 0.00	22.40 -0.49 0.00	25.05 -0.37 0.00	28.62 -0.04 0.00	32.57 -0.15 0.00	44.64 -0.18 0.00	62.51 -0.11 0.00	77.08 -0.02 0.00	68.31 0.25 0.00	57.93 0.20 0.00	69.99 0.07 0.00	43.26 0.38 0.00	32.94 0.21 0.00
BAYONEEC___CTG1 323682	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00
BAYONEEC___CTG10 323750	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00
BAYONEEC___CTG2 323683	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00
BAYONEEC___CTG3 323684	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00
BAYONEEC___CTG4 323685	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00
BAYONEEC___CTG5 323686	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00
BAYONEEC___CTG6 323687	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00
BAYONEEC___CTG7 323688	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00

BAYONEEC___CTG8 323689	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00
BAYONEEC___CTG9 323749	32.72 1.33 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.61 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.92 0.00	22.75 1.04 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.39 1.50 0.00	27.10 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.07 2.25 0.00	65.19 2.57 0.00	80.26 3.16 0.00	70.65 2.59 0.00	59.58 1.85 0.00	72.35 2.43 0.00	44.45 1.57 0.00	34.05 1.32 0.00
BEACON___LESR 323632	31.87 0.49 0.00	30.27 0.52 0.00	27.51 0.62 0.00	22.38 0.60 0.00	17.23 0.51 0.00	19.21 0.58 0.00	22.58 0.58 0.00	25.08 0.41 0.00	20.89 0.41 0.00	22.06 0.35 0.00	23.07 0.35 0.00	22.14 0.40 0.00	23.36 0.47 0.00	25.94 0.52 0.00	29.14 0.48 0.00	33.26 0.55 0.00	45.56 0.74 0.00	63.57 0.95 0.00	78.40 1.30 0.00	69.30 1.25 0.00	58.72 0.99 0.00	71.03 1.10 0.00	43.44 0.56 0.00	33.22 0.49 0.00
BEAVER RIVER___HYD 24048	31.62 0.24 0.00	29.81 0.07 0.00	26.79 -0.11 0.00	21.67 -0.12 0.00	16.69 -0.03 0.00	18.82 0.19 0.00	22.23 0.24 0.00	25.02 0.35 0.00	20.68 0.21 0.00	21.87 0.17 0.00	22.70 -0.02 0.00	21.58 -0.17 0.00	22.60 -0.29 0.00	25.10 -0.32 0.00	28.36 -0.30 0.00	32.38 -0.33 0.00	44.93 0.12 0.00	63.95 1.33 0.00	79.78 2.67 0.00	70.76 2.71 0.00	59.35 1.63 0.00	71.97 2.04 0.00	43.81 0.94 0.00	33.37 0.63 0.00
BEEBEE_GT_13 23619	31.22 -0.17 0.00	29.90 0.16 0.00	26.90 0.00 0.00	21.75 -0.04 0.00	16.58 -0.14 0.00	18.52 -0.10 0.00	21.89 -0.11 0.00	24.26 -0.41 0.00	20.05 -0.43 0.00	21.32 -0.39 0.00	22.29 -0.44 0.00	21.41 -0.32 0.00	22.58 -0.31 0.00	25.23 -0.19 0.00	28.70 0.05 0.00	32.76 0.05 0.00	44.96 0.15 0.00	62.93 0.31 0.00	77.44 0.34 0.00	68.36 0.30 0.00	57.84 0.11 0.00	69.85 -0.08 0.00	42.91 0.04 0.00	32.65 -0.09 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.15 1.76 0.00	31.52 1.77 0.00	28.53 1.63 0.00	23.14 1.36 0.00	17.77 1.06 0.00	19.84 1.21 0.00	23.29 1.29 0.00	25.87 1.20 0.00	21.60 1.12 0.00	22.98 1.28 0.00	24.31 1.59 0.00	23.42 1.68 0.00	24.66 1.77 0.00	27.40 1.98 0.00	30.78 2.12 0.00	35.07 2.35 0.00	47.52 2.71 0.00	65.75 3.13 0.00	81.11 4.00 0.00	71.37 3.31 0.00	60.17 2.45 0.00	73.15 3.22 0.00	45.02 2.14 0.00	34.48 1.74 0.00
BETHLEHEM___GRP 23843	31.44 0.05 0.00	29.89 0.14 0.00	27.18 0.29 0.00	22.12 0.34 0.00	17.03 0.31 0.00	18.98 0.35 0.00	22.31 0.31 0.00	24.80 0.13 0.00	20.59 0.11 0.00	21.79 0.08 0.00	22.84 0.12 0.00	21.86 0.12 0.00	23.04 0.15 0.00	25.56 0.13 0.00	28.70 0.04 0.00	32.71 0.00 0.00	44.73 -0.09 0.00	62.38 -0.24 0.00	76.91 -0.20 0.00	68.14 0.08 0.00	57.65 -0.08 0.00	69.81 -0.12 0.00	42.82 -0.06 0.00	32.77 0.03 0.00
BETHLEHEM___GS1 323560	31.44 0.05 0.00	29.89 0.15 0.00	27.18 0.29 0.00	22.12 0.34 0.00	17.03 0.31 0.00	18.98 0.35 0.00	22.31 0.31 0.00	24.80 0.13 0.00	20.59 0.12 0.00	21.79 0.08 0.00	22.84 0.12 0.00	21.87 0.12 0.00	23.04 0.15 0.00	25.56 0.14 0.00	28.70 0.04 0.00	32.71 0.00 0.00	44.73 -0.09 0.00	62.38 -0.24 0.00	76.91 -0.20 0.00	68.14 0.08 0.00	57.65 -0.08 0.00	69.81 -0.12 0.00	42.82 -0.06 0.00	32.77 0.03 0.00
BETHLEHEM___GS2 323561	31.44 0.05 0.00	29.89 0.15 0.00	27.18 0.29 0.00	22.12 0.34 0.00	17.03 0.31 0.00	18.98 0.35 0.00	22.31 0.31 0.00	24.80 0.13 0.00	20.59 0.12 0.00	21.79 0.08 0.00	22.84 0.12 0.00	21.87 0.12 0.00	23.04 0.15 0.00	25.56 0.14 0.00	28.70 0.04 0.00	32.71 0.00 0.00	44.73 -0.09 0.00	62.38 -0.24 0.00	76.91 -0.20 0.00	68.14 0.08 0.00	57.65 -0.08 0.00	69.81 -0.12 0.00	42.82 -0.06 0.00	32.77 0.03 0.00
BETHLEHEM___GS3 323562	31.44 0.05 0.00	29.89 0.15 0.00	27.18 0.29 0.00	22.12 0.34 0.00	17.03 0.31 0.00	18.98 0.35 0.00	22.31 0.31 0.00	24.80 0.13 0.00	20.59 0.12 0.00	21.79 0.08 0.00	22.84 0.12 0.00	21.87 0.12 0.00	23.04 0.15 0.00	25.56 0.14 0.00	28.70 0.04 0.00	32.71 0.00 0.00	44.73 -0.09 0.00	62.38 -0.24 0.00	76.91 -0.20 0.00	68.14 0.08 0.00	57.65 -0.08 0.00	69.81 -0.12 0.00	42.82 -0.06 0.00	32.77 0.03 0.00
BETHLEHEM___STEEL 23779	30.93 -0.46 0.00	29.93 0.19 0.00	26.76 -0.14 0.00	21.58 -0.21 0.00	16.35 -0.37 0.00	18.32 -0.30 0.00	21.70 -0.29 0.00	23.89 -0.78 0.00	19.71 -0.77 0.00	20.97 -0.74 0.00	21.89 -0.83 0.00	21.13 -0.61 0.00	22.26 -0.63 0.00	24.94 -0.48 0.00	28.52 -0.14 0.00	32.41 -0.30 0.00	44.21 -0.60 0.00	61.65 -0.97 0.00	75.49 -1.62 0.00	66.55 -1.51 0.00	56.40 -1.33 0.00	68.25 -1.68 0.00	42.22 -0.65 0.00	32.27 -0.46 0.00
BETHLHEM_115KV_TB1 79974	31.51 0.13 0.00	29.95 0.21 0.00	27.23 0.34 0.00	22.16 0.38 0.00	17.05 0.33 0.00	19.00 0.38 0.00	22.35 0.35 0.00	24.84 0.17 0.00	20.63 0.15 0.00	21.83 0.13 0.00	22.89 0.16 0.00	21.91 0.17 0.00	23.09 0.20 0.00	25.61 0.19 0.00	28.76 0.11 0.00	32.79 0.08 0.00	44.85 0.03 0.00	62.54 -0.08 0.00	77.09 -0.01 0.00	68.28 0.22 0.00	57.79 0.06 0.00	69.97 0.05 0.00	42.93 0.05 0.00	32.84 0.10 0.00
BETHPAGE_CC_5 323564	32.83 1.45 0.00	31.27 1.53 0.00	28.31 1.42 0.00	22.91 1.12 0.00	17.61 0.89 0.00	19.65 1.02 0.00	22.98 0.99 0.00	25.55 0.88 0.00	21.21 0.74 0.00	22.70 1.00 0.00	24.31 1.59 0.00	23.48 1.73 0.00	25.69 1.79 -1.02	43.70 1.99 -16.29	44.36 2.05 -13.65	40.10 2.20 -5.18	47.17 2.36 0.00	65.33 2.71 0.00	80.20 3.10 0.00	70.45 2.39 0.00	59.51 1.78 0.00	72.48 2.55 0.00	44.19 1.31 0.00	33.80 1.06 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.97 -0.42 0.00	29.97 0.23 0.00	26.79 -0.10 0.00	21.61 -0.18 0.00	16.38 -0.34 0.00	18.35 -0.28 0.00	21.73 -0.27 0.00	23.93 -0.74 0.00	19.75 -0.73 0.00	21.01 -0.69 0.00	21.94 -0.78 0.00	21.18 -0.56 0.00	22.32 -0.57 0.00	25.01 -0.41 0.00	28.60 -0.06 0.00	32.51 -0.20 0.00	44.35 -0.46 0.00	61.83 -0.79 0.00	75.73 -1.38 0.00	66.75 -1.31 0.00	56.56 -1.17 0.00	68.43 -1.50 0.00	42.32 -0.55 0.00	32.35 -0.39 0.00
BINGHAMTON___COGEN 23790	31.22 -0.17 0.00	29.78 0.03 0.00	26.87 -0.02 0.00	21.78 -0.01 0.00	16.68 -0.04 0.00	18.67 0.04 0.00	22.01 0.02 0.00	24.50 -0.17 0.00	20.27 -0.20 0.00	21.45 -0.26 0.00	22.44 -0.29 0.00	21.52 -0.22 0.00	22.69 -0.21 0.00	25.27 -0.15 0.00	28.56 -0.10 0.00	32.64 -0.07 0.00	44.66 -0.15 0.00	62.46 -0.16 0.00	77.09 -0.02 0.00	68.15 0.09 0.00	57.83 0.10 0.00	70.02 0.09 0.00	42.78 -0.10 0.00	32.67 -0.06 0.00

BIXINCNT_115KV_LOAD 355685	31.10 -0.28 0.00	30.06 0.32 0.00	26.91 0.01 0.00	21.68 -0.10 0.00	16.46 -0.26 0.00	18.48 -0.15 0.00	21.87 -0.13 0.00	24.10 -0.57 0.00	19.91 -0.57 0.00	21.18 -0.53 0.00	22.06 -0.67 0.00	21.28 -0.46 0.00	22.39 -0.50 0.00	25.07 -0.35 0.00	28.65 -0.01 0.00	32.60 -0.11 0.00	44.44 -0.37 0.00	61.86 -0.76 0.00	75.90 -1.21 0.00	67.04 -1.02 0.00	56.88 -0.85 0.00	68.90 -1.03 0.00	42.59 -0.29 0.00	32.54 -0.20 0.00
BLACK RIVER___HYD 24047	31.70 0.31 0.00	29.93 0.19 0.00	26.95 0.05 0.00	21.81 0.03 0.00	16.80 0.08 0.00	18.97 0.34 0.00	22.38 0.39 0.00	25.08 0.41 0.00	20.70 0.23 0.00	21.83 0.12 0.00	22.60 -0.12 0.00	21.47 -0.27 0.00	22.46 -0.43 0.00	24.94 -0.48 0.00	28.21 -0.45 0.00	32.28 -0.43 0.00	44.91 0.10 0.00	64.17 1.55 0.00	80.60 3.49 0.00	71.58 3.52 0.00	60.00 2.27 0.00	72.58 2.65 0.00	44.08 1.20 0.00	33.56 0.82 0.00
BLACKRVR_115KV_TB2 79977	31.70 0.31 0.00	29.93 0.19 0.00	26.95 0.05 0.00	21.81 0.03 0.00	16.80 0.08 0.00	18.97 0.34 0.00	22.38 0.39 0.00	25.08 0.41 0.00	20.70 0.22 0.00	21.83 0.12 0.00	22.60 -0.12 0.00	21.47 -0.27 0.00	22.46 -0.43 0.00	24.94 -0.48 0.00	28.21 -0.45 0.00	32.29 -0.43 0.00	44.91 0.10 0.00	64.17 1.55 0.00	80.60 3.49 0.00	71.58 3.52 0.00	60.00 2.27 0.00	72.57 2.65 0.00	44.08 1.20 0.00	33.56 0.82 0.00
BLDWN_LI_69_KV_BK4 356085	32.87 1.48 0.00	31.30 1.56 0.00	28.32 1.42 0.00	22.93 1.14 0.00	17.62 0.90 0.00	19.65 1.03 0.00	22.99 1.00 0.00	25.55 0.88 0.00	21.24 0.76 0.00	22.71 1.01 0.00	24.30 1.58 0.00	23.48 1.74 0.00	25.76 1.86 -1.02	43.79 2.08 -16.29	44.52 2.21 -13.65	40.34 2.44 -5.18	47.57 2.75 0.00	65.84 3.22 0.00	80.64 3.54 0.00	70.88 2.82 0.00	59.96 2.23 0.00	73.21 3.28 0.00	44.69 1.81 0.00	34.14 1.40 0.00
BLISS_WT_PWR 323608	31.10 -0.29 0.00	30.07 0.33 0.00	26.91 0.01 0.00	21.67 -0.12 0.00	16.45 -0.28 0.00	18.48 -0.15 0.00	21.85 -0.14 0.00	24.10 -0.57 0.00	19.91 -0.57 0.00	21.18 -0.53 0.00	22.06 -0.66 0.00	21.28 -0.46 0.00	22.39 -0.50 0.00	25.08 -0.34 0.00	28.66 0.00 0.00	32.58 -0.13 0.00	44.44 -0.38 0.00	61.84 -0.78 0.00	75.88 -1.22 0.00	67.05 -1.01 0.00	56.88 -0.85 0.00	68.91 -1.01 0.00	42.60 -0.28 0.00	32.54 -0.19 0.00
BLUESTONE___WT_PWR 323821	32.53 1.14 0.00	30.91 1.17 0.00	27.87 0.98 0.00	22.56 0.78 0.00	17.28 0.56 0.00	19.34 0.71 0.00	22.79 0.80 0.00	25.37 0.70 0.00	20.96 0.48 0.00	22.15 0.45 0.00	23.19 0.46 0.00	22.23 0.49 0.00	23.47 0.58 0.00	26.14 0.72 0.00	29.55 0.89 0.00	33.81 1.10 0.00	46.53 1.72 0.00	65.35 2.73 0.00	80.88 3.78 0.00	71.63 3.57 0.00	60.83 3.11 0.00	73.65 3.72 0.00	44.88 2.00 0.00	34.16 1.43 0.00
BLUE_CIRC_CHEM_DRP 24182	31.87 0.49 0.00	30.30 0.56 0.00	27.55 0.65 0.00	22.40 0.62 0.00	17.23 0.51 0.00	19.21 0.59 0.00	22.59 0.60 0.00	25.07 0.40 0.00	20.75 0.27 0.00	21.92 0.21 0.00	22.97 0.25 0.00	21.98 0.23 0.00	23.14 0.25 0.00	25.68 0.25 0.00	28.85 0.19 0.00	32.89 0.18 0.00	45.07 0.25 0.00	62.91 0.29 0.00	77.70 0.60 0.00	68.96 0.91 0.00	58.45 0.72 0.00	70.79 0.86 0.00	43.43 0.55 0.00	33.22 0.48 0.00
BOC_GAS_DRP 24189	31.65 0.27 0.00	30.09 0.35 0.00	27.34 0.45 0.00	22.22 0.44 0.00	17.09 0.37 0.00	19.06 0.43 0.00	22.42 0.43 0.00	24.93 0.27 0.00	20.71 0.24 0.00	21.94 0.23 0.00	23.02 0.29 0.00	22.04 0.30 0.00	23.21 0.32 0.00	25.76 0.34 0.00	28.93 0.28 0.00	32.98 0.27 0.00	45.13 0.31 0.00	62.85 0.23 0.00	77.39 0.29 0.00	68.50 0.44 0.00	58.01 0.28 0.00	70.30 0.37 0.00	43.13 0.26 0.00	32.99 0.25 0.00
BOONVILLE_115KV_TB1 79983	31.77 0.39 0.00	30.06 0.32 0.00	27.13 0.23 0.00	21.96 0.18 0.00	16.90 0.18 0.00	18.95 0.33 0.00	22.36 0.37 0.00	25.04 0.37 0.00	20.72 0.24 0.00	21.93 0.23 0.00	22.86 0.14 0.00	21.80 0.06 0.00	22.91 0.02 0.00	25.46 0.04 0.00	28.73 0.08 0.00	32.81 0.09 0.00	45.33 0.51 0.00	64.02 1.40 0.00	79.51 2.41 0.00	70.44 2.38 0.00	59.33 1.60 0.00	71.80 1.87 0.00	43.80 0.91 0.00	33.36 0.62 0.00
BORALEX_4TH_BRANCH 23824	32.45 1.07 0.00	30.86 1.11 0.00	28.06 1.17 0.00	22.85 1.07 0.00	17.66 0.93 0.00	19.71 1.09 0.00	23.18 1.19 0.00	25.75 1.08 0.00	21.36 0.89 0.00	22.53 0.82 0.00	23.51 0.79 0.00	22.37 0.63 0.00	23.56 0.67 0.00	26.08 0.66 0.00	29.16 0.50 0.00	33.16 0.45 0.00	45.71 0.90 0.00	63.85 1.23 0.00	79.00 1.90 0.00	70.17 2.12 0.00	59.33 1.60 0.00	71.74 1.81 0.00	44.06 1.18 0.00	33.71 0.97 0.00
BOWLINE___1 23526	32.24 0.86 0.00	30.72 0.97 0.00	27.81 0.91 0.00	22.55 0.76 0.00	17.33 0.61 0.00	19.35 0.73 0.00	22.74 0.75 0.00	25.27 0.60 0.00	21.07 0.60 0.00	22.40 0.70 0.00	23.66 0.94 0.00	22.76 1.02 0.00	23.99 1.10 0.00	26.65 1.23 0.00	29.95 1.29 0.00	34.11 1.40 0.00	46.35 1.54 0.00	64.36 1.74 0.00	79.31 2.20 0.00	69.89 1.83 0.00	58.97 1.25 0.00	71.60 1.67 0.00	43.87 0.99 0.00	33.58 0.85 0.00
BOWLINE___2 23595	32.25 0.87 0.00	30.72 0.97 0.00	27.81 0.91 0.00	22.55 0.77 0.00	17.33 0.61 0.00	19.35 0.73 0.00	22.74 0.75 0.00	25.27 0.60 0.00	21.07 0.60 0.00	22.40 0.70 0.00	23.66 0.94 0.00	22.76 1.02 0.00	23.99 1.10 0.00	26.66 1.24 0.00	29.95 1.29 0.00	34.14 1.43 0.00	46.41 1.59 0.00	64.47 1.85 0.00	79.45 2.34 0.00	70.03 1.97 0.00	59.08 1.35 0.00	71.71 1.78 0.00	43.94 1.06 0.00	33.61 0.88 0.00
BRADY___115KV_TB2 356060	32.45 1.07 0.00	30.47 0.73 0.00	27.17 0.27 0.00	21.94 0.16 0.00	16.80 0.07 0.00	18.65 0.03 0.00	22.08 0.08 0.00	25.24 0.57 0.00	20.88 0.41 0.00	22.14 0.43 0.00	23.10 0.38 0.00	22.09 0.35 0.00	23.24 0.35 0.00	25.88 0.46 0.00	29.31 0.66 0.00	33.38 0.66 0.00	45.97 1.15 0.00	64.54 1.92 0.00	79.11 2.01 0.00	69.93 1.87 0.00	59.63 1.90 0.00	72.69 2.77 0.00	44.61 1.73 0.00	34.01 1.27 0.00
BRANSCOMB___SOLAR 323811	32.57 1.19 0.00	30.92 1.17 0.00	28.09 1.19 0.00	22.84 1.06 0.00	17.57 0.85 0.00	19.60 0.98 0.00	23.06 1.07 0.00	25.60 0.93 0.00	21.19 0.71 0.00	22.34 0.64 0.00	23.29 0.57 0.00	22.23 0.49 0.00	23.42 0.52 0.00	25.96 0.54 0.00	29.14 0.48 0.00	33.27 0.56 0.00	45.91 1.09 0.00	64.54 1.92 0.00	80.22 3.12 0.00	71.20 3.14 0.00	60.32 2.59 0.00	72.89 2.96 0.00	44.55 1.67 0.00	34.04 1.30 0.00
BRDGHMPT_69_KV_BK1 55812	33.53 2.14 0.00	31.89 2.15 0.00	28.87 1.98 0.00	23.34 1.56 0.00	17.93 1.21 0.00	19.97 1.35 0.00	23.38 1.38 0.00	26.04 1.37 0.00	21.69 1.21 0.00	23.29 1.59 0.00	25.09 2.37 0.00	24.36 2.61 0.00	26.75 2.84 -1.02	44.96 3.25 -16.29	45.95 3.64 -13.65	41.86 3.97 -5.18	49.67 4.85 0.00	68.79 6.17 0.00	84.74 7.64 0.00	74.13 6.07 0.00	62.42 4.69 0.00	75.93 6.00 0.00	45.88 3.00 0.00	34.89 2.15 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	32.84 1.46 0.00	31.33 1.59 0.00	28.36 1.46 0.00	22.94 1.16 0.00	17.63 0.90 0.00	19.66 1.04 0.00	22.98 0.99 0.00	25.57 0.90 0.00	21.20 0.72 0.00	22.69 0.98 0.00	24.40 1.67 0.00	23.60 1.86 0.00	25.91 2.00 -1.02	43.96 2.25 -16.29	44.70 2.39 -13.65	40.44 2.54 -5.18	47.53 2.72 0.00	65.92 3.29 0.00	80.62 3.52 0.00	70.65 2.59 0.00	59.97 2.24 0.00	73.16 3.23 0.00	44.60 1.72 0.00	34.06 1.32 0.00
BRISTLHL_115KV_TB1 79998	30.75 -0.64 0.00	29.23 -0.51 0.00	26.47 -0.43 0.00	21.48 -0.31 0.00	16.46 -0.26 0.00	18.37 -0.25 0.00	21.67 -0.32 0.00	24.17 -0.50 0.00	20.02 -0.46 0.00	21.20 -0.51 0.00	22.15 -0.57 0.00	21.16 -0.58 0.00	22.26 -0.63 0.00	24.76 -0.66 0.00	27.95 -0.70 0.00	31.98 -0.74 0.00	43.85 -0.97 0.00	61.39 -1.23 0.00	75.84 -1.26 0.00	67.03 -1.03 0.00	56.76 -0.97 0.00	68.59 -1.34 0.00	42.01 -0.87 0.00	32.05 -0.68 0.00
BROOKHAVEN___DRP 24191	32.46 1.07 0.00	30.93 1.19 0.00	28.03 1.14 0.00	22.68 0.90 0.00	17.43 0.71 0.00	19.43 0.81 0.00	22.72 0.73 0.00	25.28 0.61 0.00	20.98 0.50 0.00	22.47 0.76 0.00	24.16 1.43 0.00	23.39 1.65 0.00	25.70 1.80 -1.02	43.72 2.01 -16.29	44.49 2.18 -13.65	40.28 2.39 -5.18	47.41 2.60 0.00	65.73 3.11 0.00	80.86 3.76 0.00	70.84 2.78 0.00	59.75 2.02 0.00	72.71 2.78 0.00	44.11 1.23 0.00	33.69 0.95 0.00
BROOKLYN_NAVY_YARD 23515	32.64 1.26 0.00	31.10 1.36 0.00	28.17 1.27 0.00	22.86 1.07 0.00	17.58 0.86 0.00	19.62 0.99 0.00	23.03 1.03 0.00	25.57 0.90 0.00	21.35 0.88 0.00	22.70 1.00 0.00	23.99 1.27 0.00	23.09 1.35 0.00	24.32 1.43 0.00	27.01 1.59 0.00	30.30 1.65 0.01	34.54 1.84 0.01	46.91 2.10 0.01	64.99 2.38 0.01	80.02 2.92 0.01	70.48 2.42 0.00	59.44 1.71 0.00	72.22 2.30 0.00	44.38 1.50 0.00	34.02 1.28 0.00
BROOKLYN___ARMY_DRP 323595	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
BROOME_2_LFGE 323671	31.22 -0.17 0.00	29.78 0.04 0.00	26.87 -0.02 0.00	21.78 -0.01 0.00	16.68 -0.04 0.00	18.67 0.04 0.00	22.01 0.02 0.00	24.49 -0.17 0.00	20.28 -0.20 0.00	21.44 -0.26 0.00	22.44 -0.29 0.00	21.52 -0.22 0.00	22.68 -0.21 0.00	25.27 -0.15 0.00	28.56 -0.10 0.00	32.64 -0.07 0.00	44.66 -0.15 0.00	62.46 -0.16 0.00	77.09 -0.02 0.00	68.15 0.10 0.00	57.83 0.10 0.00	70.02 0.10 0.00	42.79 -0.09 0.00	32.67 -0.06 0.00
BROOME___LFGE 323600	31.22 -0.17 0.00	29.78 0.04 0.00	26.87 -0.02 0.00	21.78 -0.01 0.00	16.68 -0.04 0.00	18.67 0.04 0.00	22.01 0.02 0.00	24.49 -0.17 0.00	20.28 -0.20 0.00	21.44 -0.26 0.00	22.44 -0.29 0.00	21.52 -0.22 0.00	22.68 -0.21 0.00	25.27 -0.15 0.00	28.56 -0.10 0.00	32.64 -0.07 0.00	44.66 -0.15 0.00	62.46 -0.16 0.00	77.09 -0.02 0.00	68.15 0.10 0.00	57.83 0.10 0.00	70.02 0.10 0.00	42.79 -0.09 0.00	32.67 -0.06 0.00
BROWNFLS_115KV_TB 3_5 80003	31.86 0.47 0.00	29.97 0.23 0.00	26.82 -0.07 0.00	21.68 -0.10 0.00	16.66 -0.06 0.00	18.67 0.04 0.00	22.06 0.07 0.00	25.03 0.36 0.00	20.73 0.25 0.00	21.95 0.25 0.00	22.84 0.12 0.00	21.77 0.03 0.00	22.85 -0.04 0.00	25.40 -0.02 0.00	28.74 0.08 0.00	32.77 0.06 0.00	45.32 0.51 0.00	64.14 1.51 0.00	79.32 2.21 0.00	70.18 2.12 0.00	59.23 1.50 0.00	72.00 2.08 0.00	44.00 1.12 0.00	33.53 0.79 0.00
BROWNSV1_27_KV_LOAD 356125	33.02 1.64 0.00	31.44 1.70 0.00	28.47 1.58 0.00	23.09 1.30 0.00	17.75 1.03 0.00	19.81 1.19 0.00	23.26 1.27 0.00	25.83 1.16 0.00	21.58 1.10 0.00	22.95 1.25 0.00	24.28 1.56 0.00	23.38 1.64 0.00	24.62 1.73 0.00	27.36 1.94 0.00	30.71 2.06 0.00	35.02 2.31 0.00	47.59 2.77 0.00	65.92 3.30 0.00	81.17 4.07 0.00	71.47 3.41 0.00	60.28 2.55 0.00	73.19 3.26 0.00	44.94 2.07 0.00	34.41 1.67 0.00
BURROWS___LYONSDAL 23803	31.65 0.27 0.00	29.92 0.18 0.00	26.97 0.07 0.00	21.83 0.04 0.00	16.81 0.09 0.00	18.89 0.26 0.00	22.30 0.30 0.00	24.99 0.33 0.00	20.68 0.20 0.00	21.90 0.19 0.00	22.80 0.08 0.00	21.71 -0.03 0.00	22.80 -0.09 0.00	25.32 -0.10 0.00	28.57 -0.08 0.00	32.63 -0.09 0.00	45.14 0.32 0.00	63.93 1.31 0.00	79.49 2.39 0.00	70.45 2.39 0.00	59.22 1.49 0.00	71.67 1.74 0.00	43.69 0.81 0.00	33.28 0.54 0.00
CAITHNESS_CC_1 323624	32.45 1.06 0.00	30.93 1.19 0.00	28.04 1.14 0.00	22.69 0.90 0.00	17.43 0.71 0.00	19.44 0.81 0.00	22.73 0.73 0.00	25.28 0.61 0.00	20.98 0.50 0.00	22.47 0.76 0.00	24.16 1.43 0.00	23.39 1.64 0.00	25.69 1.78 -1.02	43.70 1.99 -16.29	44.46 2.15 -13.65	40.24 2.35 -5.18	47.33 2.51 0.00	65.59 2.97 0.00	80.67 3.56 0.00	70.68 2.63 0.00	59.65 1.92 0.00	72.57 2.64 0.00	44.06 1.18 0.00	33.66 0.92 0.00
CALPINE BETH_PAGE_GT4 24209	32.84 1.46 0.00	31.29 1.55 0.00	28.32 1.42 0.00	22.93 1.14 0.00	17.62 0.90 0.00	19.65 1.02 0.00	23.00 1.00 0.00	25.57 0.90 0.00	21.24 0.76 0.00	22.71 1.01 0.00	24.32 1.59 0.00	23.44 1.70 0.00	25.68 1.78 -1.02	43.68 1.97 -16.29	44.30 1.99 -13.65	40.05 2.15 -5.18	47.13 2.32 0.00	65.31 2.69 0.00	80.16 3.06 0.00	70.42 2.36 0.00	59.48 1.75 0.00	72.43 2.50 0.00	44.18 1.30 0.00	33.78 1.05 0.00
CALPINE_BETH_PAGE_GT_4 323586	32.84 1.46 0.00	31.29 1.54 0.00	28.32 1.42 0.00	22.92 1.14 0.00	17.62 0.90 0.00	19.65 1.02 0.00	23.00 1.00 0.00	25.57 0.90 0.00	21.24 0.76 0.00	22.71 1.01 0.00	24.32 1.59 0.00	23.44 1.70 0.00	25.68 1.78 -1.02	43.68 1.97 -16.29	44.30 1.99 -13.65	40.05 2.16 -5.18	47.14 2.32 0.00	65.31 2.69 0.00	80.17 3.06 0.00	70.42 2.36 0.00	59.48 1.75 0.00	72.43 2.50 0.00	44.18 1.30 0.00	33.78 1.05 0.00
CALPINE_BP_GT1 23823	32.84 1.46 0.00	31.29 1.54 0.00	28.32 1.42 0.00	22.92 1.14 0.00	17.62 0.90 0.00	19.65 1.02 0.00	23.00 1.00 0.00	25.57 0.90 0.00	21.24 0.76 0.00	22.71 1.01 0.00	24.32 1.59 0.00	23.44 1.70 0.00	25.68 1.78 -1.02	43.68 1.97 -16.29	44.30 1.99 -13.65	40.05 2.16 -5.18	47.14 2.32 0.00	65.31 2.69 0.00	80.17 3.06 0.00	70.42 2.36 0.00	59.48 1.75 0.00	72.43 2.50 0.00	44.18 1.30 0.00	33.78 1.05 0.00
CALSPAN___DRP 24200	30.93 -0.46 0.00	29.93 0.19 0.00	26.76 -0.14 0.00	21.58 -0.21 0.00	16.35 -0.37 0.00	18.32 -0.30 0.00	21.70 -0.29 0.00	23.89 -0.78 0.00	19.71 -0.77 0.00	20.97 -0.74 0.00	21.89 -0.83 0.00	21.13 -0.61 0.00	22.26 -0.63 0.00	24.94 -0.48 0.00	28.52 -0.14 0.00	32.41 -0.30 0.00	44.21 -0.60 0.00	61.65 -0.97 0.00	75.49 -1.62 0.00	66.55 -1.51 0.00	56.40 -1.33 0.00	68.25 -1.68 0.00	42.22 -0.65 0.00	32.27 -0.46 0.00

CALVERTON___SOLAR 323806	32.52 1.14 0.00	30.99 1.25 0.00	28.08 1.19 0.00	22.71 0.93 0.00	17.46 0.73 0.00	19.46 0.84 0.00	22.76 0.76 0.00	25.32 0.65 0.00	21.02 0.54 0.00	22.51 0.80 0.00	24.21 1.48 0.00	23.44 1.70 0.00	25.76 1.85 -1.02	43.80 2.09 -16.29	44.59 2.28 -13.65	40.41 2.51 -5.18	47.59 2.77 0.00	66.00 3.38 0.00	81.21 4.11 0.00	71.15 3.09 0.00	60.00 2.27 0.00	72.99 3.06 0.00	44.26 1.38 0.00	33.77 1.04 0.00
CANDIGU_WT_PWR 323617	31.03 -0.35 0.00	29.81 0.07 0.00	26.77 -0.12 0.00	21.65 -0.13 0.00	16.50 -0.22 0.00	18.49 -0.14 0.00	21.83 -0.16 0.00	24.08 -0.59 0.00	19.78 -0.70 0.00	20.89 -0.82 0.00	21.79 -0.93 0.00	20.97 -0.77 0.00	22.12 -0.77 0.00	24.73 -0.69 0.00	28.08 -0.58 0.00	32.04 -0.67 0.00	43.81 -1.01 0.00	61.27 -1.35 0.00	75.68 -1.43 0.00	67.25 -0.81 0.00	57.27 -0.46 0.00	69.38 -0.55 0.00	42.51 -0.37 0.00	32.51 -0.23 0.00
CARR STREET_E_SYR 24060	30.85 -0.53 0.00	29.35 -0.39 0.00	26.57 -0.33 0.00	21.54 -0.25 0.00	16.51 -0.21 0.00	18.42 -0.20 0.00	21.73 -0.27 0.00	24.21 -0.46 0.00	20.05 -0.43 0.00	21.27 -0.44 0.00	22.21 -0.51 0.00	21.23 -0.51 0.00	22.37 -0.52 0.00	24.87 -0.55 0.00	28.04 -0.62 0.00	32.06 -0.65 0.00	43.99 -0.82 0.00	61.60 -1.02 0.00	76.08 -1.02 0.00	67.24 -0.82 0.00	56.94 -0.79 0.00	68.82 -1.11 0.00	42.13 -0.75 0.00	32.12 -0.61 0.00
CARTHAGE___PAPER 23857	31.84 0.46 0.00	30.03 0.28 0.00	26.99 0.09 0.00	21.84 0.05 0.00	16.82 0.10 0.00	18.97 0.35 0.00	22.39 0.40 0.00	25.17 0.50 0.00	20.78 0.31 0.00	21.94 0.23 0.00	22.72 0.00 0.00	21.58 -0.16 0.00	22.60 -0.30 0.00	25.09 -0.33 0.00	28.38 -0.28 0.00	32.45 -0.26 0.00	45.13 0.31 0.00	64.38 1.76 0.00	80.60 3.49 0.00	71.55 3.49 0.00	60.02 2.29 0.00	72.72 2.79 0.00	44.22 1.35 0.00	33.66 0.92 0.00
CASSADAGA_WT_PWR 323784	31.31 -0.08 0.00	30.25 0.51 0.00	27.04 0.14 0.00	21.84 0.05 0.00	16.58 -0.14 0.00	18.65 0.02 0.00	22.07 0.07 0.00	24.33 -0.34 0.00	20.07 -0.41 0.00	21.30 -0.41 0.00	22.21 -0.51 0.00	21.45 -0.29 0.00	22.59 -0.30 0.00	25.32 -0.10 0.00	28.90 0.24 0.00	32.85 0.14 0.00	44.71 -0.10 0.00	62.59 -0.03 0.00	76.76 -0.34 0.00	67.92 -0.14 0.00	57.75 0.02 0.00	69.98 0.05 0.00	43.00 0.13 0.00	32.87 0.13 0.00
CE_DUNWOOD___DRP 24194	32.49 1.11 0.00	30.93 1.19 0.00	28.02 1.12 0.00	22.73 0.95 0.00	17.48 0.76 0.00	19.51 0.88 0.00	22.91 0.92 0.00	25.45 0.79 0.00	21.23 0.76 0.00	22.57 0.86 0.00	23.86 1.14 0.00	22.96 1.22 0.00	24.19 1.30 0.00	26.88 1.46 0.00	30.18 1.52 0.00	34.41 1.70 0.00	46.81 1.99 0.00	64.96 2.34 0.00	80.00 2.90 0.00	70.48 2.43 0.00	59.48 1.75 0.00	72.20 2.27 0.00	44.26 1.38 0.00	33.85 1.12 0.00
CE_MILLWOOD___DRP 24193	32.40 1.02 0.00	30.85 1.11 0.00	27.94 1.05 0.00	22.67 0.89 0.00	17.43 0.71 0.00	19.46 0.84 0.00	22.86 0.87 0.00	25.40 0.73 0.00	21.18 0.70 0.00	22.51 0.81 0.00	23.79 1.07 0.00	22.88 1.14 0.00	24.11 1.22 0.00	26.80 1.37 0.00	30.09 1.43 0.00	34.29 1.58 0.00	46.66 1.85 0.00	64.79 2.17 0.00	79.82 2.71 0.00	70.34 2.28 0.00	59.36 1.63 0.00	72.05 2.12 0.00	44.15 1.27 0.00	33.77 1.03 0.00
CE_NYC2_DRP 24202	32.84 1.46 0.00	31.28 1.54 0.00	28.34 1.44 0.00	22.99 1.21 0.00	17.68 0.96 0.00	19.73 1.10 0.00	23.17 1.17 0.00	25.72 1.05 0.00	21.47 0.99 0.00	22.83 1.13 0.00	24.15 1.43 0.00	23.25 1.51 0.00	24.50 1.60 0.00	27.22 1.80 0.00	30.52 1.87 0.00	34.76 2.04 0.00	47.13 2.32 0.00	65.22 2.60 0.00	80.38 3.28 0.00	70.78 2.72 0.00	59.70 1.98 0.00	72.55 2.62 0.00	44.61 1.73 0.00	34.19 1.45 0.00
CE_NYC_DRP 24195	32.76 1.38 0.00	31.19 1.45 0.00	28.26 1.36 0.00	22.92 1.14 0.00	17.63 0.91 0.00	19.67 1.05 0.00	23.09 1.10 0.00	25.65 0.98 0.00	21.42 0.94 0.00	22.78 1.07 0.00	24.10 1.37 0.00	23.20 1.45 0.00	24.42 1.53 0.00	27.13 1.71 0.00	30.46 1.81 0.00	34.71 2.00 0.00	47.15 2.34 0.00	65.34 2.72 0.00	80.43 3.32 0.00	70.81 2.75 0.00	59.71 1.98 0.00	72.51 2.58 0.00	44.52 1.65 0.00	34.10 1.36 0.00
CHAFFEE___LFGE 323603	31.03 -0.35 0.00	30.04 0.29 0.00	26.84 -0.05 0.00	21.66 -0.12 0.00	16.41 -0.31 0.00	18.39 -0.23 0.00	21.79 -0.21 0.00	23.98 -0.68 0.00	19.79 -0.69 0.00	21.06 -0.65 0.00	21.98 -0.75 0.00	21.21 -0.53 0.00	22.35 -0.54 0.00	25.05 -0.38 0.00	28.63 -0.03 0.00	32.53 -0.18 0.00	44.41 -0.41 0.00	61.91 -0.71 0.00	75.84 -1.27 0.00	66.88 -1.18 0.00	56.67 -1.06 0.00	68.59 -1.35 0.00	42.41 -0.47 0.00	32.41 -0.33 0.00
CHATEAUG_35_KV_LOAD 355732	31.39 0.01 0.00	29.52 -0.22 0.00	26.51 -0.38 0.00	21.42 -0.37 0.00	16.41 -0.30 0.00	18.21 -0.41 0.00	21.50 -0.49 0.00	24.53 -0.14 0.00	20.45 -0.02 0.00	21.70 -0.01 0.00	22.65 -0.08 0.00	21.67 -0.07 0.00	22.83 -0.06 0.00	25.45 0.03 0.00	28.81 0.15 0.00	32.76 0.05 0.00	45.02 0.21 0.00	63.14 0.52 0.00	77.50 0.40 0.00	68.14 0.08 0.00	58.00 0.27 0.00	70.20 0.27 0.00	43.19 0.31 0.00	32.92 0.18 0.00
CHATEAUG_WT_PWR 323614	31.34 -0.04 0.00	29.51 -0.24 0.00	26.51 -0.38 0.00	21.42 -0.36 0.00	16.43 -0.30 0.00	18.23 -0.39 0.00	21.52 -0.48 0.00	24.53 -0.14 0.00	20.48 0.00 0.00	21.71 0.01 0.00	22.66 -0.06 0.00	21.68 -0.06 0.00	22.85 -0.04 0.00	25.45 0.03 0.00	28.81 0.15 0.00	32.77 0.05 0.00	45.01 0.19 0.00	63.09 0.47 0.00	77.44 0.34 0.00	68.06 0.00 0.00	57.82 0.10 0.00	70.01 0.08 0.00	43.06 0.18 0.00	32.88 0.15 0.00
CHAT_HIGH_FALL_HYD 323578	31.39 0.01 0.00	29.52 -0.22 0.00	26.51 -0.38 0.00	21.42 -0.37 0.00	16.41 -0.30 0.00	18.21 -0.41 0.00	21.50 -0.49 0.00	24.53 -0.14 0.00	20.45 -0.02 0.00	21.70 -0.01 0.00	22.65 -0.08 0.00	21.67 -0.07 0.00	22.83 -0.06 0.00	25.45 0.03 0.00	28.81 0.15 0.00	32.76 0.05 0.00	45.02 0.21 0.00	63.14 0.52 0.00	77.50 0.40 0.00	68.14 0.08 0.00	58.00 0.27 0.00	70.20 0.27 0.00	43.19 0.31 0.00	32.92 0.18 0.00
CHAUTAUQUA___LFGE 323629	30.98 -0.40 0.00	29.96 0.21 0.00	26.77 -0.12 0.00	21.62 -0.16 0.00	16.42 -0.30 0.00	18.45 -0.17 0.00	21.84 -0.16 0.00	24.08 -0.59 0.00	19.85 -0.62 0.00	21.06 -0.65 0.00	21.97 -0.75 0.00	21.23 -0.52 0.00	22.36 -0.53 0.00	25.06 -0.36 0.00	28.60 -0.06 0.00	32.53 -0.19 0.00	44.33 -0.49 0.00	61.89 -0.73 0.00	75.88 -1.22 0.00	67.05 -1.01 0.00	56.99 -0.73 0.00	69.09 -0.84 0.00	42.47 -0.41 0.00	32.49 -0.25 0.00
CHERRYST_13_KV_LD 356241	32.84 1.46 0.00	31.27 1.53 0.00	28.32 1.43 0.00	22.98 1.19 0.00	17.67 0.95 0.00	19.72 1.09 0.00	23.16 1.16 0.00	25.71 1.04 0.00	21.47 0.99 0.00	22.84 1.14 0.00	24.16 1.44 0.00	23.26 1.52 0.00	24.49 1.60 0.00	27.22 1.80 0.00	30.56 1.90 0.00	34.82 2.10 0.00	47.29 2.48 0.00	65.54 2.92 0.00	80.66 3.56 0.00	71.01 2.95 0.00	59.89 2.16 0.00	72.71 2.79 0.00	44.65 1.77 0.00	34.19 1.46 0.00

CHESTROR_138KV_BK263 355645	32.11 0.72 0.00	30.56 0.82 0.00	27.67 0.77 0.00	22.44 0.65 0.00	17.25 0.53 0.00	19.25 0.62 0.00	22.63 0.64 0.00	25.16 0.50 0.00	20.96 0.48 0.00	22.26 0.55 0.00	23.46 0.74 0.00	22.55 0.81 0.00	23.76 0.87 0.00	26.41 0.99 0.00	29.69 1.03 0.00	33.85 1.14 0.00	46.16 1.35 0.00	64.27 1.65 0.00	79.22 2.11 0.00	69.89 1.83 0.00	59.03 1.30 0.00	71.60 1.67 0.00	43.84 0.96 0.00	33.51 0.77 0.00
CH_MIDHUDSON___DRP 24192	32.35 0.97 0.00	30.78 1.04 0.00	27.91 1.02 0.00	22.67 0.89 0.00	17.43 0.71 0.00	19.45 0.83 0.00	22.86 0.87 0.00	25.41 0.74 0.00	21.17 0.70 0.00	22.47 0.77 0.00	23.69 0.97 0.00	22.75 1.01 0.00	23.98 1.09 0.00	26.66 1.23 0.00	29.93 1.27 0.00	34.11 1.40 0.00	46.60 1.79 0.00	64.88 2.26 0.00	79.93 2.82 0.00	70.55 2.49 0.00	59.58 1.85 0.00	72.20 2.27 0.00	44.19 1.31 0.00	33.76 1.02 0.00
CH_MISC_IPPS 23765	32.51 1.13 0.00	30.93 1.19 0.00	28.03 1.14 0.00	22.75 0.97 0.00	17.49 0.77 0.00	19.53 0.90 0.00	22.93 0.94 0.00	25.50 0.83 0.00	21.25 0.77 0.00	22.56 0.85 0.00	23.79 1.07 0.00	22.86 1.12 0.00	24.10 1.21 0.00	26.81 1.39 0.00	30.12 1.46 0.00	34.37 1.66 0.00	46.95 2.13 0.00	65.39 2.77 0.00	80.56 3.46 0.00	71.07 3.01 0.00	60.00 2.27 0.00	72.71 2.78 0.00	44.48 1.60 0.00	33.97 1.23 0.00
CH_RES_BVR_FALLS 23983	31.23 -0.16 0.00	29.48 -0.26 0.00	26.58 -0.32 0.00	21.51 -0.28 0.00	16.51 -0.22 0.00	18.39 -0.24 0.00	21.77 -0.23 0.00	24.57 -0.10 0.00	20.42 -0.06 0.00	21.68 -0.03 0.00	22.67 -0.05 0.00	21.66 -0.08 0.00	22.80 -0.09 0.00	25.34 -0.09 0.00	28.60 -0.06 0.00	32.59 -0.12 0.00	44.73 -0.09 0.00	62.56 -0.06 0.00	76.97 -0.13 0.00	67.88 -0.18 0.00	57.52 -0.20 0.00	69.77 -0.15 0.00	42.79 -0.09 0.00	32.64 -0.09 0.00
CH_RES_NIAGARA 23895	30.20 -1.19 0.00	29.29 -0.45 0.00	26.18 -0.72 0.00	21.11 -0.67 0.00	15.99 -0.73 0.00	17.89 -0.74 0.00	21.21 -0.79 0.00	23.33 -1.34 0.00	19.24 -1.23 0.00	20.53 -1.18 0.00	21.42 -1.30 0.00	20.66 -1.08 0.00	21.75 -1.14 0.00	24.36 -1.07 0.00	27.86 -0.79 0.00	31.58 -1.13 0.00	43.05 -1.77 0.00	59.77 -2.85 0.00	72.67 -4.44 0.00	63.98 -4.08 0.00	54.20 -3.53 0.00	65.57 -4.36 0.00	40.82 -2.06 0.00	31.22 -1.51 0.00
CH_RES_SYRACUSE 23985	31.11 -0.28 0.00	29.59 -0.15 0.00	26.78 -0.11 0.00	21.71 -0.08 0.00	16.65 -0.07 0.00	18.58 -0.05 0.00	21.90 -0.10 0.00	24.42 -0.25 0.00	20.21 -0.28 0.00	21.40 -0.30 0.00	22.37 -0.36 0.00	21.38 -0.36 0.00	22.53 -0.36 0.00	25.05 -0.37 0.00	28.30 -0.36 0.00	32.35 -0.36 0.00	44.43 -0.39 0.00	62.25 -0.37 0.00	76.86 -0.24 0.00	67.98 -0.07 0.00	57.61 -0.12 0.00	69.60 -0.32 0.00	42.59 -0.29 0.00	32.48 -0.26 0.00
CLINTON_WT_PWR 323605	31.34 -0.04 0.00	29.51 -0.24 0.00	26.51 -0.38 0.00	21.42 -0.36 0.00	16.43 -0.30 0.00	18.23 -0.39 0.00	21.52 -0.48 0.00	24.53 -0.14 0.00	20.48 0.00 0.00	21.71 0.01 0.00	22.66 -0.06 0.00	21.68 -0.06 0.00	22.85 -0.04 0.00	25.45 0.03 0.00	28.81 0.15 0.00	32.77 0.05 0.00	45.01 0.19 0.00	63.09 0.47 0.00	77.44 0.34 0.00	68.06 0.00 0.00	57.82 0.10 0.00	70.01 0.08 0.00	43.06 0.18 0.00	32.88 0.15 0.00
CLINTON___LFGE 323618	31.71 0.32 0.00	29.86 0.12 0.00	26.84 -0.06 0.00	21.69 -0.10 0.00	16.63 -0.09 0.00	18.46 -0.17 0.00	21.76 -0.24 0.00	24.76 0.09 0.00	20.70 0.23 0.00	21.91 0.20 0.00	22.85 0.13 0.00	21.87 0.13 0.00	23.08 0.18 0.00	25.68 0.26 0.00	29.05 0.39 0.00	33.05 0.34 0.00	45.33 0.51 0.00	63.66 1.04 0.00	78.27 1.16 0.00	68.85 0.79 0.00	58.48 0.75 0.00	70.55 0.62 0.00	43.47 0.59 0.00	33.24 0.51 0.00
COBBLENY_34_KV_TB1 80064	31.03 -0.35 0.00	30.03 0.28 0.00	26.84 -0.05 0.00	21.66 -0.12 0.00	16.41 -0.31 0.00	18.39 -0.23 0.00	21.78 -0.21 0.00	23.98 -0.68 0.00	19.79 -0.69 0.00	21.06 -0.65 0.00	21.98 -0.74 0.00	21.21 -0.53 0.00	22.35 -0.54 0.00	25.04 -0.38 0.00	28.63 -0.03 0.00	32.54 -0.17 0.00	44.41 -0.40 0.00	61.91 -0.72 0.00	75.84 -1.27 0.00	66.87 -1.19 0.00	56.67 -1.06 0.00	68.59 -1.34 0.00	42.42 -0.46 0.00	32.41 -0.33 0.00
COFFEEN___115KV_TB3 355620	31.95 0.56 0.00	30.17 0.42 0.00	27.16 0.27 0.00	21.99 0.21 0.00	16.93 0.21 0.00	19.10 0.48 0.00	22.56 0.56 0.00	25.24 0.57 0.00	20.79 0.31 0.00	21.88 0.18 0.00	22.64 -0.09 0.00	21.51 -0.23 0.00	22.51 -0.38 0.00	25.01 -0.41 0.00	28.30 -0.35 0.00	32.41 -0.30 0.00	45.11 0.29 0.00	64.53 1.91 0.00	81.16 4.05 0.00	72.18 4.12 0.00	60.55 2.82 0.00	73.25 3.32 0.00	44.47 1.60 0.00	33.82 1.09 0.00
COLDSPRG_115KV_BK1 355956	31.42 0.04 0.00	30.34 0.60 0.00	27.15 0.26 0.00	21.94 0.15 0.00	16.68 -0.04 0.00	18.76 0.13 0.00	22.20 0.21 0.00	24.48 -0.19 0.00	20.20 -0.28 0.00	21.43 -0.27 0.00	22.31 -0.41 0.00	21.53 -0.21 0.00	22.65 -0.24 0.00	25.36 -0.06 0.00	28.96 0.30 0.00	32.97 0.25 0.00	44.89 0.07 0.00	62.74 0.12 0.00	77.03 -0.07 0.00	68.12 0.06 0.00	57.87 0.14 0.00	70.13 0.21 0.00	43.20 0.32 0.00	33.00 0.26 0.00
COLONIE_LFGE___ 323577	32.16 0.77 0.00	30.56 0.82 0.00	27.76 0.87 0.00	22.57 0.79 0.00	17.39 0.67 0.00	19.39 0.77 0.00	22.82 0.82 0.00	25.35 0.68 0.00	21.03 0.56 0.00	22.23 0.52 0.00	23.24 0.52 0.00	22.21 0.46 0.00	23.40 0.51 0.00	25.94 0.52 0.00	29.10 0.44 0.00	33.17 0.46 0.00	45.61 0.79 0.00	63.76 1.14 0.00	78.84 1.74 0.00	69.92 1.86 0.00	59.15 1.43 0.00	71.56 1.63 0.00	43.87 0.99 0.00	33.54 0.80 0.00
COOPERNY_115KV_TB1 80082	31.85 0.47 0.00	30.31 0.56 0.00	27.41 0.52 0.00	22.23 0.44 0.00	17.07 0.35 0.00	19.05 0.42 0.00	22.42 0.42 0.00	24.97 0.30 0.00	20.78 0.30 0.00	22.05 0.35 0.00	23.21 0.48 0.00	22.28 0.54 0.00	23.48 0.58 0.00	26.10 0.68 0.00	29.36 0.71 0.00	33.51 0.80 0.00	45.74 0.93 0.00	63.74 1.12 0.00	78.56 1.46 0.00	69.32 1.26 0.00	58.63 0.90 0.00	71.10 1.17 0.00	43.52 0.64 0.00	33.25 0.51 0.00
COPENHAGEN_WT_PWR 323753	31.25 -0.14 0.00	29.51 -0.23 0.00	26.59 -0.31 0.00	21.53 -0.25 0.00	16.60 -0.12 0.00	18.78 0.15 0.00	22.15 0.16 0.00	24.84 0.17 0.00	20.55 0.07 0.00	21.69 -0.02 0.00	22.47 -0.25 0.00	21.33 -0.41 0.00	22.29 -0.60 0.00	24.70 -0.72 0.00	27.92 -0.74 0.00	31.95 -0.76 0.00	44.45 -0.37 0.00	63.50 0.89 0.00	79.77 2.67 0.00	70.79 2.73 0.00	59.18 1.45 0.00	71.54 1.62 0.00	43.45 0.57 0.00	33.10 0.37 0.00
CORNELL_____ 23752	31.63 0.25 0.00	30.12 0.37 0.00	27.19 0.29 0.00	22.04 0.25 0.00	16.88 0.16 0.00	18.86 0.24 0.00	22.24 0.25 0.00	24.74 0.08 0.00	20.40 -0.08 0.00	21.52 -0.18 0.00	22.46 -0.26 0.00	21.48 -0.26 0.00	22.65 -0.24 0.00	25.22 -0.20 0.00	28.51 -0.15 0.00	32.62 -0.10 0.00	44.81 -0.01 0.00	62.94 0.32 0.00	78.09 0.99 0.00	69.41 1.35 0.00	58.98 1.25 0.00	71.32 1.39 0.00	43.53 0.65 0.00	33.17 0.44 0.00

CORONA_V_69_KV_TB1 355595	32.87 1.48 0.00	31.29 1.55 0.00	28.33 1.43 0.00	22.94 1.15 0.00	17.63 0.91 0.00	19.66 1.04 0.00	23.01 1.02 0.00	25.58 0.91 0.00	21.27 0.79 0.00	22.73 1.02 0.00	24.28 1.56 0.00	23.45 1.71 0.00	25.73 1.82 -1.02	43.75 2.04 -16.29	44.49 2.18 -13.65	40.31 2.42 -5.18	47.57 2.75 0.00	66.00 3.38 0.00	81.15 4.05 0.00	71.33 3.27 0.00	60.21 2.48 0.00	73.26 3.33 0.00	44.75 1.87 0.00	34.19 1.46 0.00
CORTLAND_115KV_TB3 80093	31.38 0.00 0.00	29.86 0.12 0.00	26.99 0.10 0.00	21.87 0.09 0.00	16.76 0.05 0.00	18.74 0.11 0.00	22.09 0.10 0.00	24.60 -0.07 0.00	20.33 -0.15 0.00	21.49 -0.21 0.00	22.46 -0.27 0.00	21.49 -0.25 0.00	22.65 -0.24 0.00	25.21 -0.22 0.00	28.46 -0.20 0.00	32.55 -0.16 0.00	44.67 -0.14 0.00	62.64 0.03 0.00	77.53 0.43 0.00	68.71 0.65 0.00	58.29 0.57 0.00	70.52 0.59 0.00	43.08 0.20 0.00	32.85 0.12 0.00
COXSACKIE___GT 23611	32.76 1.38 0.00	31.11 1.37 0.00	28.24 1.34 0.00	22.95 1.17 0.00	17.66 0.94 0.00	19.69 1.07 0.00	23.16 1.17 0.00	25.71 1.04 0.00	21.21 0.73 0.00	22.28 0.58 0.00	23.27 0.55 0.00	22.27 0.53 0.00	23.49 0.60 0.00	26.09 0.66 0.00	29.33 0.68 0.00	33.53 0.82 0.00	46.10 1.29 0.00	64.82 2.20 0.00	80.78 3.67 0.00	72.06 4.00 0.00	61.22 3.49 0.00	73.98 4.05 0.00	45.14 2.26 0.00	34.37 1.63 0.00
CPV_VALLEY___CC1 323721	31.89 0.50 0.00	30.36 0.61 0.00	27.48 0.58 0.00	22.29 0.51 0.00	17.13 0.41 0.00	19.12 0.49 0.00	22.48 0.49 0.00	25.01 0.34 0.00	20.83 0.35 0.00	22.12 0.41 0.00	23.31 0.59 0.00	22.40 0.66 0.00	23.60 0.71 0.00	26.24 0.82 0.00	29.49 0.83 0.00	33.62 0.91 0.00	45.83 1.01 0.00	63.78 1.16 0.00	78.60 1.49 0.00	69.33 1.28 0.00	58.58 0.85 0.00	71.05 1.12 0.00	43.51 0.63 0.00	33.25 0.52 0.00
CPV_VALLEY___CC2 323722	31.89 0.50 0.00	30.36 0.61 0.00	27.48 0.58 0.00	22.29 0.51 0.00	17.13 0.41 0.00	19.12 0.49 0.00	22.48 0.49 0.00	25.01 0.34 0.00	20.83 0.35 0.00	22.12 0.41 0.00	23.31 0.59 0.00	22.40 0.66 0.00	23.60 0.71 0.00	26.24 0.82 0.00	29.49 0.83 0.00	33.62 0.91 0.00	45.83 1.01 0.00	63.78 1.16 0.00	78.60 1.49 0.00	69.33 1.28 0.00	58.58 0.85 0.00	71.05 1.12 0.00	43.51 0.63 0.00	33.25 0.52 0.00
CRESCENT___HYD 24018	32.16 0.77 0.00	30.56 0.82 0.00	27.76 0.87 0.00	22.57 0.79 0.00	17.39 0.67 0.00	19.39 0.77 0.00	22.82 0.82 0.00	25.35 0.68 0.00	21.03 0.56 0.00	22.23 0.52 0.00	23.24 0.52 0.00	22.21 0.46 0.00	23.40 0.51 0.00	25.94 0.52 0.00	29.10 0.44 0.00	33.17 0.46 0.00	45.61 0.79 0.00	63.76 1.14 0.00	78.84 1.74 0.00	69.92 1.86 0.00	59.15 1.43 0.00	71.56 1.63 0.00	43.87 0.99 0.00	33.54 0.80 0.00
CRICKET___VALLEY_CC1 323756	32.00 0.61 0.00	30.44 0.70 0.00	27.65 0.75 0.00	22.51 0.72 0.00	17.32 0.59 0.00	19.33 0.71 0.00	22.70 0.70 0.00	25.24 0.57 0.00	21.02 0.54 0.00	22.29 0.59 0.00	23.47 0.75 0.00	22.51 0.77 0.00	23.71 0.82 0.00	26.34 0.92 0.00	29.50 0.85 0.00	33.57 0.85 0.00	45.90 1.09 0.00	63.97 1.35 0.00	78.85 1.75 0.00	69.67 1.61 0.00	58.89 1.16 0.00	71.32 1.40 0.00	43.61 0.73 0.00	33.35 0.61 0.00
CRICKET___VALLEY_CC2 323757	32.00 0.61 0.00	30.44 0.70 0.00	27.65 0.75 0.00	22.51 0.72 0.00	17.32 0.59 0.00	19.33 0.71 0.00	22.70 0.70 0.00	25.24 0.57 0.00	21.02 0.54 0.00	22.29 0.59 0.00	23.47 0.75 0.00	22.51 0.77 0.00	23.71 0.82 0.00	26.34 0.92 0.00	29.50 0.85 0.00	33.57 0.85 0.00	45.90 1.09 0.00	63.97 1.35 0.00	78.85 1.75 0.00	69.67 1.61 0.00	58.89 1.16 0.00	71.32 1.40 0.00	43.61 0.73 0.00	33.35 0.61 0.00
CRICKET___VALLEY_CC3 323758	32.00 0.61 0.00	30.44 0.70 0.00	27.65 0.75 0.00	22.51 0.72 0.00	17.32 0.59 0.00	19.33 0.71 0.00	22.70 0.70 0.00	25.24 0.57 0.00	21.02 0.54 0.00	22.29 0.59 0.00	23.47 0.75 0.00	22.51 0.77 0.00	23.71 0.82 0.00	26.34 0.92 0.00	29.50 0.85 0.00	33.57 0.85 0.00	45.90 1.09 0.00	63.97 1.35 0.00	78.85 1.75 0.00	69.67 1.61 0.00	58.89 1.16 0.00	71.32 1.40 0.00	43.61 0.73 0.00	33.35 0.61 0.00
CRUCIBLE_METL_DRP 24180	31.11 -0.28 0.00	29.59 -0.15 0.00	26.78 -0.11 0.00	21.71 -0.08 0.00	16.65 -0.07 0.00	18.58 -0.05 0.00	21.90 -0.10 0.00	24.42 -0.26 0.00	20.21 -0.28 0.00	21.41 -0.30 0.00	22.37 -0.36 0.00	21.38 -0.36 0.00	22.53 -0.36 0.00	25.05 -0.37 0.00	28.30 -0.36 0.00	32.35 -0.36 0.00	44.43 -0.39 0.00	62.25 -0.37 0.00	76.86 -0.24 0.00	67.98 -0.08 0.00	57.61 -0.12 0.00	69.60 -0.33 0.00	42.59 -0.29 0.00	32.48 -0.26 0.00
DAHOWA___HYDRO 323763	32.71 1.33 0.00	31.04 1.30 0.00	28.20 1.30 0.00	22.94 1.15 0.00	17.64 0.92 0.00	19.69 1.06 0.00	23.16 1.17 0.00	25.72 1.05 0.00	21.28 0.80 0.00	22.42 0.72 0.00	23.36 0.63 0.00	22.28 0.54 0.00	23.47 0.58 0.00	26.01 0.59 0.00	29.19 0.53 0.00	33.36 0.64 0.00	46.08 1.26 0.00	64.87 2.25 0.00	80.74 3.64 0.00	71.67 3.62 0.00	60.72 2.99 0.00	73.32 3.39 0.00	44.79 1.91 0.00	34.20 1.47 0.00
DANC___LFGE 323619	31.09 -0.30 0.00	29.44 -0.31 0.00	26.57 -0.33 0.00	21.52 -0.26 0.00	16.54 -0.18 0.00	18.60 -0.03 0.00	21.93 -0.07 0.00	24.54 -0.13 0.00	20.30 -0.18 0.00	21.46 -0.25 0.00	22.31 -0.41 0.00	21.25 -0.50 0.00	22.26 -0.64 0.00	24.70 -0.72 0.00	27.88 -0.77 0.00	31.90 -0.81 0.00	44.10 -0.72 0.00	62.57 -0.05 0.00	78.13 1.03 0.00	69.22 1.16 0.00	58.17 0.44 0.00	70.33 0.40 0.00	42.86 -0.02 0.00	32.71 -0.03 0.00
DANSKAMMER___1 23586	32.51 1.13 0.00	30.93 1.19 0.00	28.03 1.14 0.00	22.75 0.97 0.00	17.49 0.77 0.00	19.53 0.90 0.00	22.93 0.94 0.00	25.50 0.83 0.00	21.25 0.77 0.00	22.56 0.85 0.00	23.79 1.07 0.00	22.86 1.12 0.00	24.10 1.21 0.00	26.81 1.39 0.00	30.12 1.46 0.00	34.37 1.66 0.00	46.95 2.13 0.00	65.39 2.77 0.00	80.56 3.46 0.00	71.07 3.01 0.00	60.00 2.27 0.00	72.71 2.78 0.00	44.48 1.60 0.00	33.97 1.23 0.00
DANSKAMMER___2 23589	32.51 1.13 0.00	30.93 1.19 0.00	28.03 1.14 0.00	22.75 0.97 0.00	17.49 0.77 0.00	19.53 0.90 0.00	22.93 0.94 0.00	25.50 0.83 0.00	21.25 0.77 0.00	22.56 0.85 0.00	23.79 1.07 0.00	22.86 1.12 0.00	24.10 1.21 0.00	26.81 1.39 0.00	30.12 1.46 0.00	34.37 1.66 0.00	46.95 2.13 0.00	65.39 2.77 0.00	80.56 3.46 0.00	71.07 3.01 0.00	60.00 2.27 0.00	72.71 2.78 0.00	44.48 1.60 0.00	33.97 1.23 0.00
DANSKAMMER___3 23590	32.51 1.13 0.00	30.93 1.19 0.00	28.03 1.14 0.00	22.75 0.97 0.00	17.49 0.77 0.00	19.53 0.90 0.00	22.93 0.94 0.00	25.50 0.83 0.00	21.25 0.77 0.00	22.56 0.85 0.00	23.79 1.07 0.00	22.86 1.12 0.00	24.10 1.21 0.00	26.81 1.39 0.00	30.12 1.46 0.00	34.37 1.66 0.00	46.95 2.13 0.00	65.39 2.77 0.00	80.56 3.46 0.00	71.07 3.01 0.00	60.00 2.27 0.00	72.71 2.78 0.00	44.48 1.60 0.00	33.97 1.23 0.00

DANSKAMMER___4 23591	32.51 1.13 0.00	30.93 1.19 0.00	28.03 1.14 0.00	22.75 0.97 0.00	17.49 0.77 0.00	19.53 0.90 0.00	22.93 0.94 0.00	25.50 0.83 0.00	21.25 0.77 0.00	22.56 0.85 0.00	23.79 1.07 0.00	22.86 1.12 0.00	24.10 1.21 0.00	26.81 1.39 0.00	30.12 1.46 0.00	34.37 1.66 0.00	46.95 2.13 0.00	65.39 2.77 0.00	80.56 3.46 0.00	71.07 3.01 0.00	60.00 2.27 0.00	72.71 2.78 0.00	44.48 1.60 0.00	33.97 1.23 0.00
DANSKAMMER___DIESEL 23592	32.51 1.13 0.00	30.93 1.19 0.00	28.03 1.14 0.00	22.75 0.97 0.00	17.49 0.77 0.00	19.53 0.90 0.00	22.93 0.94 0.00	25.50 0.83 0.00	21.25 0.77 0.00	22.56 0.85 0.00	23.79 1.07 0.00	22.86 1.12 0.00	24.10 1.21 0.00	26.81 1.39 0.00	30.12 1.47 0.00	34.36 1.65 0.00	46.95 2.13 0.00	65.39 2.77 0.00	80.56 3.46 0.00	71.07 3.01 0.00	60.00 2.27 0.00	72.71 2.78 0.00	44.48 1.60 0.00	33.97 1.23 0.00
DARBY___SOLAR 323810	32.58 1.19 0.00	30.91 1.17 0.00	28.09 1.19 0.00	22.84 1.06 0.00	17.57 0.85 0.00	19.60 0.98 0.00	23.06 1.07 0.00	25.60 0.93 0.00	21.19 0.71 0.00	22.34 0.63 0.00	23.28 0.55 0.00	22.22 0.48 0.00	23.40 0.51 0.00	25.94 0.51 0.00	29.11 0.45 0.00	33.26 0.55 0.00	45.91 1.09 0.00	64.55 1.93 0.00	80.25 3.14 0.00	71.25 3.19 0.00	60.34 2.61 0.00	72.90 2.97 0.00	44.57 1.69 0.00	34.04 1.30 0.00
DASHVILLE___HYD 23610	32.13 0.75 0.00	30.56 0.82 0.00	27.72 0.83 0.00	22.50 0.72 0.00	17.30 0.58 0.00	19.30 0.68 0.00	22.68 0.69 0.00	25.22 0.55 0.00	21.02 0.55 0.00	22.33 0.62 0.00	23.54 0.82 0.00	22.61 0.87 0.00	23.83 0.94 0.00	26.49 1.07 0.00	29.74 1.09 0.00	33.92 1.21 0.00	46.31 1.50 0.00	64.45 1.83 0.00	79.36 2.25 0.00	70.03 1.98 0.00	59.20 1.47 0.00	71.77 1.84 0.00	43.94 1.06 0.00	33.54 0.81 0.00
DELAWARE___LFGE 323621	31.82 0.44 0.00	30.21 0.46 0.00	27.28 0.38 0.00	22.10 0.31 0.00	16.95 0.23 0.00	18.92 0.29 0.00	22.30 0.31 0.00	24.88 0.21 0.00	20.66 0.18 0.00	21.92 0.21 0.00	23.03 0.30 0.00	22.07 0.32 0.00	23.26 0.37 0.00	25.86 0.44 0.00	29.17 0.51 0.00	33.30 0.59 0.00	45.64 0.82 0.00	63.79 1.18 0.00	78.65 1.55 0.00	69.46 1.40 0.00	58.84 1.12 0.00	71.28 1.35 0.00	43.61 0.73 0.00	33.27 0.53 0.00
DERFIELD_115KV_TB7 355931	31.37 -0.01 0.00	29.77 0.03 0.00	26.95 0.06 0.00	21.85 0.07 0.00	16.79 0.06 0.00	18.71 0.08 0.00	22.08 0.08 0.00	24.67 0.01 0.00	20.48 0.00 0.00	21.69 -0.02 0.00	22.72 0.00 0.00	21.72 -0.02 0.00	22.87 -0.02 0.00	25.40 -0.03 0.00	28.60 -0.06 0.00	32.65 -0.06 0.00	44.76 -0.05 0.00	62.55 -0.07 0.00	77.11 0.01 0.00	68.16 0.10 0.00	57.76 0.03 0.00	69.93 0.00 0.00	42.88 0.00 0.00	32.73 -0.01 0.00
DOGLEVILLE___HYD 23807	31.45 0.06 0.00	29.88 0.13 0.00	27.19 0.29 0.00	22.11 0.33 0.00	17.04 0.32 0.00	19.06 0.43 0.00	22.37 0.37 0.00	24.59 -0.08 0.00	20.11 -0.36 0.00	21.12 -0.59 0.00	22.08 -0.64 0.00	21.17 -0.57 0.00	22.31 -0.58 0.00	24.73 -0.69 0.00	27.74 -0.92 0.00	31.75 -0.96 0.00	43.63 -1.18 0.00	61.45 -1.17 0.00	77.03 -0.07 0.00	69.02 0.96 0.00	58.70 0.97 0.00	71.00 1.08 0.00	43.28 0.40 0.00	33.01 0.27 0.00
DUNKIRK___115KV_TB_200 55889	30.93 -0.46 0.00	29.90 0.16 0.00	26.74 -0.16 0.00	21.59 -0.20 0.00	16.39 -0.33 0.00	18.42 -0.20 0.00	21.80 -0.20 0.00	24.03 -0.64 0.00	19.82 -0.65 0.00	21.03 -0.68 0.00	21.94 -0.78 0.00	21.19 -0.55 0.00	22.32 -0.57 0.00	25.03 -0.39 0.00	28.55 -0.10 0.00	32.49 -0.22 0.00	44.26 -0.56 0.00	61.80 -0.82 0.00	75.76 -1.34 0.00	66.92 -1.14 0.00	56.88 -0.85 0.00	68.94 -0.98 0.00	42.38 -0.50 0.00	32.42 -0.31 0.00
DUNKIRK___1 23563	30.93 -0.46 0.00	29.90 0.16 0.00	26.74 -0.16 0.00	21.59 -0.20 0.00	16.39 -0.33 0.00	18.42 -0.20 0.00	21.80 -0.20 0.00	24.03 -0.64 0.00	19.82 -0.65 0.00	21.03 -0.68 0.00	21.94 -0.78 0.00	21.19 -0.55 0.00	22.32 -0.57 0.00	25.03 -0.39 0.00	28.55 -0.10 0.00	32.49 -0.22 0.00	44.26 -0.56 0.00	61.80 -0.82 0.00	75.76 -1.34 0.00	66.92 -1.14 0.00	56.88 -0.85 0.00	68.94 -0.98 0.00	42.38 -0.50 0.00	32.42 -0.31 0.00
DUNKIRK___2 23564	30.93 -0.46 0.00	29.90 0.16 0.00	26.74 -0.16 0.00	21.59 -0.20 0.00	16.39 -0.33 0.00	18.42 -0.20 0.00	21.80 -0.20 0.00	24.03 -0.64 0.00	19.82 -0.65 0.00	21.03 -0.68 0.00	21.94 -0.78 0.00	21.19 -0.55 0.00	22.32 -0.57 0.00	25.03 -0.39 0.00	28.55 -0.10 0.00	32.49 -0.22 0.00	44.26 -0.56 0.00	61.80 -0.82 0.00	75.76 -1.34 0.00	66.92 -1.14 0.00	56.88 -0.85 0.00	68.94 -0.98 0.00	42.38 -0.50 0.00	32.42 -0.31 0.00
DUNKIRK___3 23565	30.84 -0.54 0.00	29.83 0.08 0.00	26.67 -0.22 0.00	21.54 -0.25 0.00	16.35 -0.38 0.00	18.36 -0.26 0.00	21.73 -0.26 0.00	23.95 -0.72 0.00	19.76 -0.72 0.00	20.98 -0.73 0.00	21.88 -0.84 0.00	21.13 -0.61 0.00	22.26 -0.63 0.00	24.94 -0.48 0.00	28.47 -0.19 0.00	32.39 -0.32 0.00	44.12 -0.69 0.00	61.56 -1.06 0.00	75.44 -1.66 0.00	66.58 -1.48 0.00	56.55 -1.18 0.00	68.52 -1.40 0.00	42.21 -0.67 0.00	32.28 -0.45 0.00
DUNKIRK___4 23566	30.84 -0.54 0.00	29.83 0.08 0.00	26.67 -0.22 0.00	21.54 -0.25 0.00	16.35 -0.38 0.00	18.36 -0.26 0.00	21.73 -0.26 0.00	23.95 -0.72 0.00	19.76 -0.72 0.00	20.98 -0.73 0.00	21.88 -0.84 0.00	21.13 -0.61 0.00	22.26 -0.63 0.00	24.94 -0.48 0.00	28.47 -0.19 0.00	32.39 -0.32 0.00	44.12 -0.69 0.00	61.56 -1.06 0.00	75.44 -1.66 0.00	66.58 -1.48 0.00	56.55 -1.18 0.00	68.52 -1.40 0.00	42.21 -0.67 0.00	32.28 -0.45 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.60 1.21 0.00	31.04 1.30 0.00	28.11 1.21 0.00	22.80 1.02 0.00	17.54 0.82 0.00	19.57 0.94 0.00	22.98 0.99 0.00	25.52 0.85 0.00	21.30 0.82 0.00	22.65 0.94 0.00	23.96 1.24 0.00	23.06 1.32 0.00	24.30 1.41 0.00	27.00 1.58 0.00	30.31 1.65 0.00	34.54 1.83 0.00	46.97 2.16 0.00	65.16 2.54 0.00	80.22 3.11 0.00	70.68 2.62 0.00	59.63 1.90 0.00	72.38 2.45 0.00	44.38 1.51 0.00	33.96 1.22 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.30 0.91 0.00	30.73 0.99 0.00	27.82 0.93 0.00	22.58 0.79 0.00	17.35 0.63 0.00	19.37 0.74 0.00	22.76 0.77 0.00	25.31 0.64 0.00	21.08 0.61 0.00	22.39 0.68 0.00	23.61 0.88 0.00	22.69 0.95 0.00	23.91 1.02 0.00	26.59 1.17 0.00	29.88 1.22 0.00	34.08 1.37 0.00	46.51 1.70 0.00	64.76 2.14 0.00	79.84 2.73 0.00	70.42 2.36 0.00	59.47 1.74 0.00	72.11 2.18 0.00	44.14 1.26 0.00	33.71 0.98 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.84 1.45 0.00	31.28 1.54 0.00	28.34 1.44 0.00	22.98 1.19 0.00	17.67 0.95 0.00	19.72 1.09 0.00	23.16 1.17 0.00	25.71 1.04 0.00	21.42 0.95 0.00	22.78 1.07 0.00	24.11 1.38 0.00	23.19 1.45 0.00	24.44 1.55 0.00	27.17 1.74 0.00	30.49 1.83 0.00	34.68 1.97 0.00	47.05 2.23 0.00	65.23 2.61 0.00	80.41 3.30 0.00	70.84 2.78 0.00	59.78 2.05 0.00	72.65 2.73 0.00	44.66 1.78 0.00	34.22 1.48 0.00

E179THST_13_KV_LOAD 356214	33.00 1.61 0.00	31.42 1.68 0.00	28.45 1.56 0.00	23.08 1.29 0.00	17.74 1.02 0.00	19.80 1.17 0.00	23.25 1.26 0.00	25.81 1.14 0.00	21.52 1.04 0.00	22.88 1.17 0.00	24.22 1.50 0.00	23.31 1.57 0.00	24.56 1.67 0.00	27.30 1.88 0.00	30.65 2.00 0.00	34.88 2.16 0.00	47.32 2.50 0.00	65.59 2.97 0.00	80.86 3.76 0.00	71.22 3.16 0.00	60.10 2.38 0.00	73.04 3.11 0.00	44.91 2.03 0.00	34.39 1.65 0.00
EAST HAMPTON___GT 23717	33.98 2.60 0.00	32.33 2.58 0.00	29.25 2.36 0.00	23.65 1.87 0.00	18.16 1.44 0.00	20.23 1.61 0.00	23.69 1.70 0.00	26.40 1.73 0.00	22.01 1.53 0.00	23.64 1.93 0.00	25.47 2.75 0.00	24.74 3.00 0.00	27.14 3.23 -1.02	45.43 3.72 -16.29	46.48 4.18 -13.65	42.33 4.43 -5.18	50.31 5.49 0.00	69.56 6.94 0.00	85.85 8.74 0.00	75.08 7.02 0.00	63.26 5.54 0.00	77.15 7.22 0.00	46.59 3.72 0.00	35.38 2.64 0.00
EAST RIVER___6 23660	32.75 1.36 0.00	31.17 1.43 0.00	28.23 1.34 0.00	22.91 1.12 0.00	17.62 0.90 0.00	19.66 1.03 0.00	23.08 1.08 0.00	25.63 0.96 0.00	21.40 0.93 0.00	22.76 1.06 0.00	24.09 1.36 0.00	23.18 1.44 0.00	24.40 1.51 0.00	27.11 1.69 0.00	30.44 1.78 0.00	34.70 1.99 0.00	47.12 2.30 0.00	65.26 2.64 0.00	80.31 3.21 0.00	70.75 2.69 0.00	59.65 1.93 0.00	72.44 2.51 0.00	44.50 1.62 0.00	34.08 1.34 0.00
EAST RIVER___7 23524	32.75 1.36 0.00	31.17 1.43 0.00	28.23 1.34 0.00	22.91 1.12 0.00	17.62 0.90 0.00	19.66 1.03 0.00	23.08 1.08 0.00	25.63 0.96 0.00	21.40 0.93 0.00	22.76 1.06 0.00	24.09 1.36 0.00	23.18 1.44 0.00	24.40 1.51 0.00	27.11 1.69 0.00	30.44 1.78 0.00	34.70 1.99 0.00	47.12 2.30 0.00	65.26 2.64 0.00	80.31 3.21 0.00	70.75 2.69 0.00	59.65 1.93 0.00	72.44 2.51 0.00	44.50 1.62 0.00	34.08 1.34 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.49 1.11 0.00	30.93 1.19 0.00	28.02 1.12 0.00	22.73 0.95 0.00	17.48 0.76 0.00	19.51 0.88 0.00	22.91 0.92 0.00	25.45 0.79 0.00	21.23 0.76 0.00	22.57 0.86 0.00	23.86 1.14 0.00	22.96 1.22 0.00	24.19 1.30 0.00	26.88 1.46 0.00	30.18 1.52 0.00	34.41 1.70 0.00	46.81 1.99 0.00	64.96 2.34 0.00	80.00 2.90 0.00	70.48 2.43 0.00	59.48 1.75 0.00	72.20 2.27 0.00	44.26 1.38 0.00	33.85 1.12 0.00
EAST_HAMPTON___DIESEL 23722	33.99 2.61 0.00	32.34 2.60 0.00	29.27 2.38 0.00	23.66 1.87 0.00	18.18 1.46 0.00	20.25 1.62 0.00	23.70 1.71 0.00	26.41 1.74 0.00	22.02 1.54 0.00	23.65 1.94 0.00	25.48 2.76 0.00	24.75 3.01 0.00	27.15 3.25 -1.02	45.44 3.73 -16.29	46.49 4.19 -13.65	42.35 4.45 -5.18	50.35 5.53 0.00	69.58 6.97 0.00	85.89 8.79 0.00	75.13 7.07 0.00	63.29 5.56 0.00	77.18 7.25 0.00	46.61 3.73 0.00	35.38 2.65 0.00
EAST_POINT___SOLAR 323840	33.22 1.83 0.00	31.43 1.69 0.00	28.37 1.48 0.00	22.93 1.14 0.00	17.56 0.84 0.00	19.55 0.93 0.00	23.03 1.04 0.00	25.19 0.52 0.00	20.39 -0.09 0.00	21.52 -0.18 0.00	22.54 -0.19 0.00	21.55 -0.20 0.00	22.69 -0.20 0.00	25.19 -0.23 0.00	28.47 -0.19 0.00	32.58 -0.13 0.00	44.96 0.15 0.00	63.62 1.00 0.00	79.95 2.85 0.00	72.46 4.40 0.00	61.98 4.25 0.00	75.06 5.13 0.00	45.87 2.99 0.00	34.84 2.10 0.00
EAST_PULASKI___ESR 323781	30.95 -0.43 0.00	29.37 -0.37 0.00	26.56 -0.34 0.00	21.52 -0.26 0.00	16.50 -0.22 0.00	18.46 -0.17 0.00	21.76 -0.24 0.00	24.29 -0.37 0.00	20.10 -0.37 0.00	21.27 -0.44 0.00	22.20 -0.53 0.00	21.19 -0.56 0.00	22.26 -0.63 0.00	24.73 -0.69 0.00	27.90 -0.76 0.00	31.90 -0.81 0.00	43.80 -1.02 0.00	61.64 -0.98 0.00	76.51 -0.59 0.00	67.71 -0.34 0.00	57.17 -0.56 0.00	69.10 -0.83 0.00	42.28 -0.60 0.00	32.33 -0.41 0.00
EAST_RIVER___1 323558	32.76 1.38 0.00	31.19 1.45 0.00	28.26 1.36 0.00	22.92 1.14 0.00	17.63 0.91 0.00	19.67 1.05 0.00	23.09 1.10 0.00	25.64 0.97 0.00	21.42 0.94 0.00	22.78 1.07 0.00	24.10 1.37 0.00	23.19 1.45 0.00	24.42 1.53 0.00	27.13 1.71 0.00	30.46 1.81 0.00	34.72 2.00 0.00	47.15 2.34 0.00	65.34 2.72 0.00	80.42 3.31 0.00	70.80 2.75 0.00	59.71 1.98 0.00	72.51 2.58 0.00	44.52 1.64 0.00	34.10 1.36 0.00
EAST_RIVER___2 323559	32.75 1.36 0.00	31.17 1.43 0.00	28.23 1.34 0.00	22.91 1.12 0.00	17.62 0.90 0.00	19.66 1.03 0.00	23.08 1.08 0.00	25.63 0.96 0.00	21.40 0.93 0.00	22.76 1.06 0.00	24.09 1.36 0.00	23.18 1.44 0.00	24.40 1.51 0.00	27.11 1.69 0.00	30.44 1.78 0.00	34.70 1.99 0.00	47.12 2.30 0.00	65.26 2.64 0.00	80.31 3.21 0.00	70.75 2.69 0.00	59.65 1.93 0.00	72.44 2.51 0.00	44.50 1.62 0.00	34.08 1.34 0.00
EAST___DELAWARE_HYD 23607	31.72 0.34 0.00	30.15 0.41 0.00	27.27 0.38 0.00	22.12 0.33 0.00	16.99 0.27 0.00	18.97 0.34 0.00	22.30 0.31 0.00	24.82 0.15 0.00	20.66 0.18 0.00	21.92 0.21 0.00	23.06 0.34 0.00	22.14 0.40 0.00	23.33 0.44 0.00	25.85 0.42 0.00	28.47 -0.19 0.00	32.53 -0.18 0.00	44.53 -0.29 0.00	62.22 -0.40 0.00	76.83 -0.27 0.00	68.00 -0.06 0.00	58.78 1.05 0.00	71.25 1.32 0.00	43.54 0.66 0.00	33.19 0.45 0.00
EIGHT_POINT___WT_PWR 323820	31.43 0.05 0.00	30.20 0.45 0.00	27.09 0.20 0.00	21.90 0.12 0.00	16.67 -0.05 0.00	18.67 0.05 0.00	22.05 0.06 0.00	24.27 -0.40 0.00	19.86 -0.61 0.00	20.97 -0.74 0.00	21.84 -0.88 0.00	21.03 -0.71 0.00	22.18 -0.70 0.00	24.82 -0.60 0.00	28.22 -0.44 0.00	32.21 -0.50 0.00	44.13 -0.68 0.00	61.86 -0.76 0.00	76.64 -0.46 0.00	68.05 0.00 0.00	57.99 0.26 0.00	70.33 0.40 0.00	43.07 0.18 0.00	32.92 0.18 0.00
ELBRIDGE_115KV_TB2 80188	30.96 -0.42 0.00	29.47 -0.28 0.00	26.69 -0.21 0.00	21.63 -0.16 0.00	16.58 -0.14 0.00	18.51 -0.11 0.00	21.81 -0.18 0.00	24.32 -0.35 0.00	20.13 -0.35 0.00	21.31 -0.40 0.00	22.26 -0.46 0.00	21.29 -0.45 0.00	22.42 -0.47 0.00	24.94 -0.48 0.00	28.17 -0.49 0.00	32.20 -0.52 0.00	44.19 -0.62 0.00	61.90 -0.72 0.00	76.36 -0.74 0.00	67.61 -0.45 0.00	57.33 -0.40 0.00	69.26 -0.66 0.00	42.41 -0.47 0.00	32.33 -0.41 0.00
ELEC_TRO_TEK 24086	32.68 1.30 0.00	31.13 1.38 0.00	28.17 1.28 0.00	22.82 1.04 0.00	17.55 0.82 0.00	19.57 0.95 0.00	22.91 0.92 0.00	25.48 0.81 0.00	21.19 0.71 0.00	22.64 0.93 0.00	24.17 1.44 0.00	23.33 1.58 0.00	25.57 1.66 -1.02	43.57 1.86 -16.29	44.26 1.96 -13.65	40.04 2.14 -5.18	47.19 2.38 0.00	65.44 2.82 0.00	80.42 3.32 0.00	70.70 2.64 0.00	59.71 1.98 0.00	72.67 2.74 0.00	44.37 1.49 0.00	33.93 1.20 0.00
ELLENBURG_WT_PWR 323604	31.34 -0.04 0.00	29.51 -0.24 0.00	26.51 -0.38 0.00	21.42 -0.36 0.00	16.43 -0.30 0.00	18.23 -0.39 0.00	21.52 -0.48 0.00	24.53 -0.14 0.00	20.48 0.00 0.00	21.71 0.01 0.00	22.66 -0.06 0.00	21.68 -0.06 0.00	22.85 -0.04 0.00	25.45 0.03 0.00	28.81 0.15 0.00	32.77 0.05 0.00	45.01 0.19 0.00	63.09 0.47 0.00	77.44 0.34 0.00	68.06 0.00 0.00	57.82 0.10 0.00	70.01 0.08 0.00	43.06 0.18 0.00	32.88 0.15 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.81 -0.58 0.00	29.82 0.08 0.00	26.67 -0.23 0.00	21.51 -0.27 0.00	16.30 -0.42 0.00	18.25 -0.37 0.00	21.63 -0.37 0.00	23.80 -0.86 0.00	19.64 -0.84 0.00	20.91 -0.79 0.00	21.82 -0.90 0.00	21.06 -0.68 0.00	22.18 -0.71 0.00	24.84 -0.58 0.00	28.40 -0.26 0.00	32.25 -0.46 0.00	43.99 -0.83 0.00	61.28 -1.34 0.00	74.97 -2.13 0.00	66.11 -1.95 0.00	56.02 -1.71 0.00	67.80 -2.13 0.00	42.00 -0.88 0.00	32.11 -0.63 0.00
EMPIRE_CC_1 323656	31.82 0.44 0.00	30.28 0.54 0.00	27.52 0.63 0.00	22.38 0.59 0.00	17.26 0.54 0.00	19.22 0.60 0.00	22.62 0.63 0.00	25.12 0.45 0.00	20.86 0.39 0.00	22.07 0.36 0.00	23.11 0.39 0.00	22.12 0.38 0.00	23.31 0.42 0.00	25.80 0.37 0.00	28.91 0.25 0.00	32.91 0.20 0.00	45.13 0.32 0.00	62.90 0.28 0.00	77.63 0.52 0.00	68.82 0.76 0.00	58.19 0.47 0.00	70.47 0.54 0.00	43.28 0.40 0.00	33.07 0.33 0.00
EMPIRE_CC_2 323658	31.82 0.44 0.00	30.28 0.54 0.00	27.52 0.63 0.00	22.38 0.59 0.00	17.26 0.54 0.00	19.22 0.60 0.00	22.62 0.63 0.00	25.12 0.45 0.00	20.86 0.39 0.00	22.07 0.36 0.00	23.11 0.39 0.00	22.12 0.38 0.00	23.31 0.42 0.00	25.80 0.37 0.00	28.91 0.25 0.00	32.91 0.20 0.00	45.13 0.32 0.00	62.90 0.28 0.00	77.63 0.52 0.00	68.82 0.76 0.00	58.19 0.47 0.00	70.47 0.54 0.00	43.28 0.40 0.00	33.07 0.33 0.00
ENORWICH_115KV_TB1 80156	33.02 1.64 0.00	31.39 1.65 0.00	28.30 1.40 0.00	22.89 1.11 0.00	17.53 0.81 0.00	19.63 1.01 0.00	23.15 1.16 0.00	25.72 1.05 0.00	21.14 0.66 0.00	22.31 0.60 0.00	23.31 0.59 0.00	22.34 0.60 0.00	23.59 0.70 0.00	26.27 0.85 0.00	29.73 1.07 0.00	34.04 1.33 0.00	46.96 2.15 0.00	66.09 3.47 0.00	82.04 4.94 0.00	73.07 5.01 0.00	62.01 4.28 0.00	75.08 5.16 0.00	45.69 2.81 0.00	34.73 1.99 0.00
ERIE_ST__34_KV_TB1-2 80199	30.98 -0.40 0.00	29.94 0.20 0.00	26.76 -0.13 0.00	21.59 -0.19 0.00	16.38 -0.34 0.00	18.35 -0.28 0.00	21.72 -0.27 0.00	23.93 -0.74 0.00	19.75 -0.73 0.00	21.02 -0.69 0.00	21.93 -0.79 0.00	21.17 -0.57 0.00	22.33 -0.56 0.00	25.03 -0.39 0.00	28.62 -0.03 0.00	32.56 -0.15 0.00	44.46 -0.36 0.00	62.02 -0.60 0.00	75.97 -1.13 0.00	66.93 -1.13 0.00	56.67 -1.06 0.00	68.57 -1.36 0.00	42.39 -0.48 0.00	32.40 -0.33 0.00
ERIE_WT_PWR 323693	30.94 -0.44 0.00	29.95 0.21 0.00	26.77 -0.13 0.00	21.59 -0.19 0.00	16.36 -0.36 0.00	18.34 -0.29 0.00	21.72 -0.28 0.00	23.90 -0.77 0.00	19.71 -0.77 0.00	20.98 -0.73 0.00	21.90 -0.82 0.00	21.14 -0.61 0.00	22.27 -0.62 0.00	24.95 -0.47 0.00	28.53 -0.13 0.00	32.41 -0.30 0.00	44.23 -0.58 0.00	61.70 -0.92 0.00	75.56 -1.54 0.00	66.59 -1.47 0.00	56.44 -1.29 0.00	68.28 -1.65 0.00	42.22 -0.65 0.00	32.30 -0.44 0.00
ESPRGFLD_115KV_TB1 80157	32.62 1.24 0.00	30.86 1.12 0.00	27.78 0.89 0.00	22.42 0.64 0.00	17.15 0.43 0.00	19.10 0.48 0.00	22.58 0.59 0.00	25.25 0.58 0.00	20.91 0.43 0.00	22.21 0.51 0.00	23.34 0.62 0.00	22.36 0.62 0.00	23.57 0.68 0.00	26.20 0.78 0.00	29.66 1.00 0.00	33.88 1.17 0.00	46.52 1.70 0.00	65.23 2.61 0.00	80.53 3.43 0.00	71.35 3.29 0.00	60.61 2.88 0.00	73.43 3.51 0.00	44.91 2.03 0.00	34.17 1.43 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.59 0.20 0.00	30.07 0.33 0.00	27.16 0.27 0.00	22.01 0.23 0.00	16.86 0.14 0.00	18.85 0.22 0.00	22.22 0.22 0.00	24.72 0.05 0.00	20.39 -0.09 0.00	21.52 -0.18 0.00	22.46 -0.26 0.00	21.49 -0.25 0.00	22.65 -0.24 0.00	25.22 -0.20 0.00	28.50 -0.16 0.00	32.61 -0.10 0.00	44.79 -0.03 0.00	62.89 0.27 0.00	77.96 0.86 0.00	69.27 1.21 0.00	58.84 1.11 0.00	71.15 1.22 0.00	43.45 0.57 0.00	33.11 0.37 0.00
ETNA____115KV_TB2 80207	31.59 0.20 0.00	30.07 0.33 0.00	27.16 0.27 0.00	22.01 0.23 0.00	16.86 0.14 0.00	18.85 0.22 0.00	22.22 0.22 0.00	24.72 0.05 0.00	20.39 -0.09 0.00	21.52 -0.18 0.00	22.46 -0.26 0.00	21.49 -0.25 0.00	22.65 -0.24 0.00	25.22 -0.20 0.00	28.50 -0.16 0.00	32.61 -0.10 0.00	44.79 -0.03 0.00	62.89 0.27 0.00	77.96 0.86 0.00	69.27 1.21 0.00	58.84 1.11 0.00	71.15 1.22 0.00	43.45 0.57 0.00	33.11 0.37 0.00
EUCLID____115KV_TB2 356179	30.79 -0.59 0.00	29.29 -0.45 0.00	26.52 -0.38 0.00	21.50 -0.29 0.00	16.48 -0.24 0.00	18.39 -0.23 0.00	21.69 -0.30 0.00	24.18 -0.48 0.00	20.03 -0.44 0.00	21.23 -0.47 0.00	22.19 -0.53 0.00	21.21 -0.54 0.00	22.34 -0.55 0.00	24.83 -0.59 0.00	28.03 -0.63 0.00	32.04 -0.68 0.00	43.95 -0.86 0.00	61.54 -1.08 0.00	75.97 -1.13 0.00	67.12 -0.94 0.00	56.85 -0.88 0.00	68.71 -1.22 0.00	42.09 -0.79 0.00	32.10 -0.64 0.00
E_CANADA_CAP_HY 24051	33.02 1.63 0.00	31.26 1.52 0.00	28.18 1.28 0.00	22.74 0.96 0.00	17.40 0.68 0.00	19.36 0.73 0.00	22.88 0.88 0.00	25.49 0.82 0.00	20.98 0.51 0.00	22.27 0.56 0.00	23.31 0.59 0.00	22.32 0.57 0.00	23.50 0.60 0.00	26.10 0.68 0.00	29.52 0.87 0.00	33.72 1.01 0.00	46.31 1.50 0.00	65.09 2.47 0.00	80.68 3.58 0.00	71.93 3.87 0.00	61.20 3.47 0.00	74.19 4.26 0.00	45.43 2.55 0.00	34.56 1.82 0.00
E_CANADA_MHWK_HY 24050	31.45 0.06 0.00	29.87 0.13 0.00	27.19 0.29 0.00	22.11 0.32 0.00	17.04 0.32 0.00	19.06 0.43 0.00	22.37 0.37 0.00	24.59 -0.08 0.00	20.11 -0.36 0.00	21.12 -0.59 0.00	22.08 -0.64 0.00	21.17 -0.57 0.00	22.31 -0.58 0.00	24.73 -0.69 0.00	27.74 -0.92 0.00	31.75 -0.96 0.00	43.63 -1.18 0.00	61.45 -1.17 0.00	77.03 -0.07 0.00	69.02 0.96 0.00	58.70 0.97 0.00	71.00 1.07 0.00	43.28 0.40 0.00	33.01 0.27 0.00
E_FISHKILL__LBMP 23776	32.21 0.83 0.00	30.66 0.91 0.00	27.80 0.90 0.00	22.58 0.79 0.00	17.36 0.64 0.00	19.38 0.75 0.00	22.76 0.77 0.00	25.30 0.63 0.00	21.08 0.60 0.00	22.38 0.68 0.00	23.61 0.88 0.00	22.68 0.94 0.00	23.89 1.00 0.00	26.55 1.13 0.00	29.78 1.13 0.00	33.94 1.22 0.00	46.29 1.48 0.00	64.36 1.74 0.00	79.26 2.16 0.00	69.96 1.91 0.00	59.09 1.36 0.00	71.66 1.73 0.00	43.90 1.02 0.00	33.57 0.83 0.00
FALCON__SEABRD_CC1 323796	31.62 0.23 0.00	29.79 0.05 0.00	26.80 -0.10 0.00	21.66 -0.13 0.00	16.61 -0.12 0.00	18.44 -0.19 0.00	21.73 -0.26 0.00	24.73 0.06 0.00	20.71 0.23 0.00	21.91 0.20 0.00	22.85 0.12 0.00	21.87 0.12 0.00	23.07 0.18 0.00	25.64 0.22 0.00	28.98 0.32 0.00	32.93 0.22 0.00	45.08 0.27 0.00	63.21 0.59 0.00	77.68 0.57 0.00	68.25 0.19 0.00	57.94 0.21 0.00	69.89 -0.03 0.00	43.09 0.21 0.00	33.04 0.31 0.00
FALCON__SEABRD_CC2 323797	31.62 0.23 0.00	29.79 0.05 0.00	26.80 -0.10 0.00	21.66 -0.13 0.00	16.61 -0.12 0.00	18.44 -0.19 0.00	21.73 -0.26 0.00	24.73 0.06 0.00	20.71 0.23 0.00	21.91 0.20 0.00	22.85 0.12 0.00	21.87 0.12 0.00	23.07 0.18 0.00	25.64 0.22 0.00	28.98 0.32 0.00	32.93 0.22 0.00	45.08 0.27 0.00	63.21 0.59 0.00	77.68 0.57 0.00	68.25 0.19 0.00	57.94 0.21 0.00	69.89 -0.03 0.00	43.09 0.21 0.00	33.04 0.31 0.00

FAR ROCKAWAY___4 23548	33.12 1.74 0.00	31.54 1.80 0.00	28.53 1.64 0.00	23.10 1.32 0.00	17.76 1.04 0.00	19.80 1.18 0.00	23.17 1.18 0.00	25.76 1.09 0.00	21.43 0.95 0.00	22.91 1.21 0.00	24.49 1.76 0.00	23.66 1.92 0.00	25.96 2.05 -1.02	44.03 2.32 -16.29	44.83 2.52 -13.65	40.69 2.79 -5.18	48.09 3.28 0.00	66.75 4.13 0.00	82.04 4.94 0.00	72.07 4.02 0.00	60.81 3.08 0.00	74.02 4.09 0.00	45.17 2.29 0.00	34.50 1.77 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.77 1.39 0.00	31.21 1.46 0.00	28.27 1.37 0.00	22.93 1.14 0.00	17.64 0.92 0.00	19.68 1.06 0.00	23.11 1.11 0.00	25.66 0.99 0.00	21.43 0.95 0.00	22.78 1.08 0.00	24.11 1.38 0.00	23.21 1.47 0.00	24.43 1.54 0.00	27.15 1.73 0.00	30.46 1.81 0.00	34.73 2.02 0.00	47.18 2.36 0.00	65.35 2.73 0.00	80.46 3.35 0.00	70.84 2.79 0.00	59.74 2.01 0.00	72.55 2.63 0.00	44.55 1.68 0.00	34.12 1.38 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.78 1.40 0.00	31.21 1.47 0.00	28.27 1.38 0.00	22.94 1.15 0.00	17.64 0.92 0.00	19.68 1.06 0.00	23.11 1.12 0.00	25.66 0.99 0.00	21.43 0.95 0.00	22.78 1.08 0.00	24.11 1.38 0.00	23.21 1.47 0.00	24.43 1.54 0.00	27.15 1.73 0.00	30.47 1.81 0.00	34.73 2.02 0.00	47.18 2.36 0.00	65.36 2.74 0.00	80.47 3.37 0.00	70.85 2.79 0.00	59.76 2.03 0.00	72.56 2.63 0.00	44.56 1.68 0.00	34.12 1.39 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.75 1.37 0.00	31.18 1.44 0.00	28.24 1.35 0.00	22.92 1.13 0.00	17.62 0.90 0.00	19.67 1.04 0.00	23.09 1.10 0.00	25.64 0.97 0.00	21.41 0.94 0.00	22.77 1.06 0.00	24.09 1.37 0.00	23.19 1.45 0.00	24.42 1.53 0.00	27.13 1.71 0.00	30.44 1.79 0.00	34.70 1.99 0.00	47.13 2.32 0.00	65.29 2.67 0.00	80.38 3.27 0.00	70.78 2.72 0.00	59.69 1.96 0.00	72.49 2.56 0.00	44.51 1.63 0.00	34.09 1.35 0.00
FARRAGUT___LBMP 323566	32.73 1.35 0.00	31.16 1.42 0.00	28.23 1.34 0.00	22.90 1.12 0.00	17.62 0.90 0.00	19.66 1.03 0.00	23.08 1.08 0.00	25.62 0.95 0.00	21.40 0.92 0.00	22.76 1.05 0.00	24.07 1.35 0.00	23.17 1.43 0.00	24.40 1.51 0.00	27.10 1.68 0.00	30.42 1.76 0.00	34.67 1.96 0.00	47.09 2.28 0.00	65.24 2.62 0.00	80.31 3.21 0.00	70.72 2.66 0.00	59.64 1.92 0.00	72.43 2.50 0.00	44.48 1.60 0.00	34.07 1.33 0.00
FENNER___WINDPWR 24204	31.70 0.32 0.00	30.10 0.36 0.00	27.21 0.31 0.00	22.04 0.26 0.00	16.92 0.19 0.00	18.90 0.27 0.00	22.28 0.29 0.00	24.84 0.17 0.00	20.53 0.05 0.00	21.72 0.01 0.00	22.68 -0.04 0.00	21.69 -0.05 0.00	22.85 -0.04 0.00	25.42 0.00 0.00	28.70 0.05 0.00	32.82 0.11 0.00	45.13 0.32 0.00	63.40 0.77 0.00	78.59 1.49 0.00	69.60 1.54 0.00	58.98 1.25 0.00	71.34 1.41 0.00	43.58 0.70 0.00	33.20 0.46 0.00
FIBERTEK___ENERGY 23856	31.11 -0.28 0.00	29.59 -0.15 0.00	26.78 -0.11 0.00	21.71 -0.08 0.00	16.65 -0.07 0.00	18.58 -0.05 0.00	21.90 -0.10 0.00	24.42 -0.26 0.00	20.21 -0.28 0.00	21.41 -0.30 0.00	22.37 -0.36 0.00	21.38 -0.36 0.00	22.53 -0.36 0.00	25.05 -0.37 0.00	28.30 -0.36 0.00	32.35 -0.36 0.00	44.43 -0.39 0.00	62.25 -0.37 0.00	76.86 -0.24 0.00	67.98 -0.08 0.00	57.61 -0.12 0.00	69.60 -0.33 0.00	42.59 -0.29 0.00	32.48 -0.26 0.00
FITZPATRICK___ 23598	30.41 -0.98 0.00	28.91 -0.83 0.00	26.19 -0.71 0.00	21.23 -0.55 0.00	16.28 -0.44 0.00	18.16 -0.47 0.00	21.42 -0.58 0.00	23.91 -0.75 0.00	19.83 -0.65 0.00	21.01 -0.69 0.00	21.95 -0.77 0.00	20.96 -0.78 0.00	22.05 -0.84 0.00	24.51 -0.91 0.00	27.66 -1.00 0.00	31.59 -1.12 0.00	43.31 -1.50 0.00	60.60 -2.02 0.00	74.71 -2.39 0.00	66.04 -2.02 0.00	55.95 -1.78 0.00	67.65 -2.28 0.00	41.48 -1.40 0.00	31.65 -1.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.57 1.19 0.00	30.99 1.25 0.00	28.08 1.19 0.00	22.79 1.01 0.00	17.52 0.80 0.00	19.56 0.93 0.00	22.98 0.98 0.00	25.54 0.88 0.00	21.29 0.81 0.00	22.60 0.89 0.00	23.84 1.11 0.00	22.91 1.17 0.00	24.15 1.26 0.00	26.87 1.45 0.00	30.19 1.54 0.00	34.44 1.73 0.00	47.05 2.24 0.00	65.55 2.93 0.00	80.77 3.66 0.00	71.24 3.18 0.00	60.13 2.40 0.00	72.86 2.94 0.00	44.56 1.69 0.00	34.04 1.30 0.00
FORT ORANGE___ 23900	31.75 0.36 0.00	30.18 0.43 0.00	27.43 0.53 0.00	22.31 0.53 0.00	17.17 0.46 0.00	19.14 0.52 0.00	22.51 0.51 0.00	25.00 0.33 0.00	20.73 0.25 0.00	21.92 0.21 0.00	22.97 0.25 0.00	21.99 0.24 0.00	23.17 0.28 0.00	25.70 0.28 0.00	28.87 0.21 0.00	32.91 0.20 0.00	45.04 0.23 0.00	62.87 0.26 0.00	77.70 0.60 0.00	68.95 0.89 0.00	58.39 0.66 0.00	70.68 0.76 0.00	43.33 0.45 0.00	33.12 0.38 0.00
FORT_DRUM_COGEN 23780	31.71 0.32 0.00	29.93 0.19 0.00	26.95 0.05 0.00	21.81 0.03 0.00	16.80 0.08 0.00	18.97 0.34 0.00	22.38 0.38 0.00	25.08 0.42 0.00	20.71 0.23 0.00	21.84 0.13 0.00	22.62 -0.11 0.00	21.49 -0.25 0.00	22.48 -0.41 0.00	24.96 -0.46 0.00	28.23 -0.43 0.00	32.31 -0.40 0.00	44.94 0.12 0.00	64.19 1.57 0.00	80.58 3.47 0.00	71.56 3.50 0.00	59.96 2.23 0.00	72.57 2.65 0.00	44.09 1.21 0.00	33.56 0.82 0.00
FOX_HILLS___ESR 323835	33.11 1.73 0.00	31.48 1.74 0.00	28.49 1.60 0.00	23.13 1.34 0.00	17.76 1.04 0.00	19.82 1.20 0.00	23.24 1.25 0.00	25.80 1.13 0.00	21.52 1.04 0.00	22.85 1.15 0.00	24.17 1.44 0.00	23.27 1.53 0.00	24.49 1.60 0.00	27.19 1.77 0.00	30.54 1.88 0.00	34.79 2.08 0.00	47.12 2.31 0.00	65.18 2.56 0.00	80.40 3.30 0.00	70.77 2.71 0.00	59.64 1.91 0.00	72.50 2.57 0.00	44.63 1.76 0.00	34.23 1.49 0.00
FPL_FAR_ROCK_GT1 24212	33.12 1.74 0.00	31.54 1.80 0.00	28.53 1.64 0.00	23.11 1.32 0.00	17.76 1.04 0.00	19.80 1.17 0.00	23.17 1.18 0.00	25.76 1.09 0.00	21.43 0.95 0.00	22.91 1.20 0.00	24.49 1.76 0.00	23.67 1.92 0.00	25.96 2.05 -1.02	44.03 2.32 -16.29	44.83 2.52 -13.65	40.69 2.80 -5.18	48.10 3.28 0.00	66.75 4.13 0.00	82.04 4.94 0.00	72.07 4.02 0.00	60.80 3.08 0.00	74.02 4.09 0.00	45.17 2.29 0.00	34.50 1.77 0.00
FPL_FAR_ROCK_GT2 23815	33.12 1.74 0.00	31.54 1.80 0.00	28.53 1.64 0.00	23.11 1.32 0.00	17.76 1.04 0.00	19.80 1.17 0.00	23.17 1.18 0.00	25.76 1.09 0.00	21.43 0.95 0.00	22.91 1.20 0.00	24.49 1.76 0.00	23.67 1.92 0.00	25.96 2.05 -1.02	44.03 2.32 -16.29	44.83 2.52 -13.65	40.69 2.80 -5.18	48.10 3.28 0.00	66.75 4.13 0.00	82.04 4.94 0.00	72.07 4.02 0.00	60.80 3.08 0.00	74.02 4.09 0.00	45.17 2.29 0.00	34.50 1.77 0.00
FRANKLIN_FALL_HYD 24054	31.89 0.51 0.00	29.96 0.21 0.00	26.83 -0.06 0.00	21.67 -0.11 0.00	16.61 -0.11 0.00	18.44 -0.19 0.00	21.79 -0.20 0.00	24.90 0.23 0.00	20.75 0.27 0.00	22.00 0.30 0.00	22.98 0.26 0.00	21.98 0.24 0.00	23.15 0.26 0.00	25.79 0.37 0.00	29.22 0.57 0.00	33.25 0.54 0.00	45.75 0.94 0.00	64.33 1.71 0.00	78.92 1.82 0.00	69.46 1.41 0.00	59.08 1.35 0.00	71.55 1.62 0.00	44.00 1.12 0.00	33.48 0.75 0.00

FREEPORT_EQUS_GT1 23764	32.87 1.49 0.00	31.31 1.57 0.00	28.33 1.44 0.00	22.93 1.14 0.00	17.63 0.91 0.00	19.66 1.04 0.00	23.00 1.01 0.00	25.57 0.90 0.00	21.26 0.78 0.00	22.73 1.03 0.00	24.32 1.60 0.00	23.49 1.75 0.00	25.77 1.87 -1.02	43.80 2.09 -16.29	44.55 2.24 -13.65	40.35 2.45 -5.18	47.60 2.78 0.00	65.82 3.20 0.00	80.54 3.44 0.00	70.78 2.72 0.00	59.89 2.17 0.00	73.20 3.27 0.00	44.66 1.78 0.00	34.12 1.38 0.00
FREEPORT___CT2 23818	32.87 1.49 0.00	31.31 1.57 0.00	28.33 1.44 0.00	22.93 1.14 0.00	17.63 0.91 0.00	19.66 1.04 0.00	23.00 1.01 0.00	25.57 0.90 0.00	21.26 0.78 0.00	22.73 1.03 0.00	24.32 1.60 0.00	23.49 1.75 0.00	25.77 1.87 -1.02	43.80 2.09 -16.29	44.55 2.24 -13.65	40.35 2.45 -5.18	47.60 2.78 0.00	65.82 3.20 0.00	80.54 3.44 0.00	70.78 2.72 0.00	59.89 2.17 0.00	73.20 3.27 0.00	44.66 1.78 0.00	34.12 1.38 0.00
FRESHKLS_33_KV_LOAD 356253	33.34 1.95 0.00	31.69 1.95 0.00	28.67 1.78 0.00	23.27 1.49 0.00	17.87 1.15 0.00	19.94 1.31 0.00	23.35 1.36 0.00	25.91 1.24 0.00	21.60 1.12 0.00	22.91 1.20 0.00	24.21 1.49 0.00	23.32 1.58 0.00	24.52 1.63 0.00	27.21 1.79 0.00	30.57 1.91 0.00	34.84 2.13 0.00	47.16 2.34 0.00	65.17 2.55 0.00	80.44 3.34 0.00	70.82 2.77 0.00	59.69 1.96 0.00	72.57 2.64 0.00	44.67 1.79 0.00	34.30 1.56 0.00
FULTON COGEN____ 23766	30.75 -0.64 0.00	29.23 -0.51 0.00	26.47 -0.43 0.00	21.48 -0.31 0.00	16.46 -0.26 0.00	18.37 -0.25 0.00	21.67 -0.32 0.00	24.17 -0.50 0.00	20.02 -0.46 0.00	21.20 -0.51 0.00	22.15 -0.57 0.00	21.16 -0.58 0.00	22.26 -0.63 0.00	24.76 -0.66 0.00	27.95 -0.70 0.00	31.98 -0.74 0.00	43.85 -0.97 0.00	61.39 -1.23 0.00	75.84 -1.26 0.00	67.03 -1.03 0.00	56.76 -0.97 0.00	68.59 -1.34 0.00	42.01 -0.87 0.00	32.05 -0.68 0.00
FULTON___LFGE 323630	32.99 1.61 0.00	31.25 1.51 0.00	28.24 1.34 0.00	22.84 1.06 0.00	17.51 0.79 0.00	19.50 0.87 0.00	22.99 1.00 0.00	25.50 0.83 0.00	20.90 0.42 0.00	22.05 0.34 0.00	23.04 0.31 0.00	22.04 0.29 0.00	23.20 0.31 0.00	25.76 0.34 0.00	29.08 0.42 0.00	33.22 0.51 0.00	45.74 0.92 0.00	64.46 1.84 0.00	80.35 3.25 0.00	72.01 3.95 0.00	61.35 3.63 0.00	74.30 4.37 0.00	45.43 2.55 0.00	34.56 1.82 0.00
G.F.CEMENT___DRP 24184	32.86 1.48 0.00	31.16 1.42 0.00	28.32 1.42 0.00	23.05 1.27 0.00	17.71 0.99 0.00	19.77 1.15 0.00	23.26 1.27 0.00	25.82 1.15 0.00	21.37 0.89 0.00	22.50 0.79 0.00	23.40 0.67 0.00	22.32 0.58 0.00	23.50 0.61 0.00	26.04 0.62 0.00	29.20 0.55 0.00	33.39 0.68 0.00	46.22 1.40 0.00	65.22 2.60 0.00	81.40 4.30 0.00	72.28 4.22 0.00	61.23 3.50 0.00	73.91 3.98 0.00	45.06 2.18 0.00	34.41 1.67 0.00
GARDENVILLE___LBMP 24039	30.86 -0.53 0.00	29.87 0.12 0.00	26.70 -0.19 0.00	21.54 -0.24 0.00	16.33 -0.39 0.00	18.29 -0.33 0.00	21.66 -0.33 0.00	23.85 -0.82 0.00	19.67 -0.81 0.00	20.93 -0.78 0.00	21.84 -0.88 0.00	21.08 -0.67 0.00	22.21 -0.69 0.00	24.88 -0.54 0.00	28.43 -0.22 0.00	32.31 -0.41 0.00	44.07 -0.75 0.00	61.40 -1.21 0.00	75.19 -1.91 0.00	66.32 -1.74 0.00	56.22 -1.51 0.00	68.04 -1.89 0.00	42.10 -0.78 0.00	32.20 -0.54 0.00
GARDNVLA_35_KV_LD 355827	30.97 -0.42 0.00	29.97 0.22 0.00	26.78 -0.11 0.00	21.60 -0.18 0.00	16.37 -0.35 0.00	18.34 -0.29 0.00	21.72 -0.27 0.00	23.91 -0.76 0.00	19.73 -0.75 0.00	21.00 -0.70 0.00	21.93 -0.79 0.00	21.17 -0.57 0.00	22.31 -0.58 0.00	25.01 -0.41 0.00	28.59 -0.07 0.00	32.51 -0.20 0.00	44.34 -0.47 0.00	61.83 -0.79 0.00	75.71 -1.39 0.00	66.73 -1.32 0.00	56.53 -1.20 0.00	68.39 -1.53 0.00	42.31 -0.57 0.00	32.34 -0.40 0.00
GELCKHM___115KV_LOAD 80723	30.91 -0.47 0.00	29.41 -0.34 0.00	26.62 -0.28 0.00	21.58 -0.20 0.00	16.55 -0.18 0.00	18.46 -0.16 0.00	21.77 -0.23 0.00	24.27 -0.40 0.00	20.10 -0.38 0.00	21.29 -0.41 0.00	22.25 -0.47 0.00	21.27 -0.47 0.00	22.41 -0.48 0.00	24.91 -0.51 0.00	28.13 -0.53 0.00	32.15 -0.56 0.00	44.13 -0.68 0.00	61.81 -0.81 0.00	76.31 -0.79 0.00	67.46 -0.60 0.00	57.15 -0.58 0.00	69.06 -0.87 0.00	42.28 -0.60 0.00	32.24 -0.50 0.00
GENERAL___MILLS 23808	30.93 -0.46 0.00	29.93 0.19 0.00	26.76 -0.14 0.00	21.58 -0.21 0.00	16.35 -0.37 0.00	18.32 -0.30 0.00	21.70 -0.29 0.00	23.89 -0.78 0.00	19.71 -0.77 0.00	20.97 -0.74 0.00	21.89 -0.83 0.00	21.13 -0.61 0.00	22.26 -0.63 0.00	24.94 -0.48 0.00	28.52 -0.14 0.00	32.41 -0.30 0.00	44.21 -0.60 0.00	61.65 -0.97 0.00	75.49 -1.62 0.00	66.55 -1.51 0.00	56.40 -1.33 0.00	68.25 -1.68 0.00	42.22 -0.65 0.00	32.27 -0.46 0.00
GE_PLASTICS___DRP 24183	31.68 0.29 0.00	30.11 0.37 0.00	27.37 0.47 0.00	22.25 0.46 0.00	17.12 0.40 0.00	19.09 0.46 0.00	22.45 0.45 0.00	24.95 0.28 0.00	20.72 0.25 0.00	21.94 0.23 0.00	23.00 0.27 0.00	22.02 0.28 0.00	23.20 0.31 0.00	25.74 0.31 0.00	28.90 0.25 0.00	32.95 0.24 0.00	45.09 0.28 0.00	62.87 0.25 0.00	77.47 0.37 0.00	68.62 0.56 0.00	58.10 0.37 0.00	70.37 0.44 0.00	43.17 0.29 0.00	33.02 0.28 0.00
GILBOA___1 23756	31.81 0.43 0.00	30.24 0.50 0.00	27.57 0.68 0.00	22.41 0.62 0.00	17.24 0.52 0.00	19.22 0.60 0.00	22.59 0.60 0.00	25.05 0.38 0.00	20.81 0.34 0.00	22.06 0.35 0.00	23.16 0.44 0.00	22.18 0.44 0.00	23.37 0.48 0.00	25.94 0.52 0.00	29.14 0.48 0.00	33.21 0.50 0.00	45.40 0.59 0.00	62.98 0.36 0.00	77.06 -0.04 0.00	68.32 0.26 0.00	58.01 0.28 0.00	70.39 0.46 0.00	43.30 0.42 0.00	33.17 0.43 0.00
GILBOA___2 23757	31.81 0.43 0.00	30.24 0.50 0.00	27.57 0.68 0.00	22.41 0.62 0.00	17.24 0.52 0.00	19.22 0.60 0.00	22.59 0.60 0.00	25.05 0.38 0.00	20.81 0.34 0.00	22.06 0.35 0.00	23.16 0.44 0.00	22.18 0.44 0.00	23.37 0.48 0.00	25.94 0.52 0.00	29.14 0.48 0.00	33.21 0.50 0.00	45.40 0.59 0.00	62.98 0.36 0.00	77.06 -0.04 0.00	68.32 0.26 0.00	58.01 0.28 0.00	70.39 0.46 0.00	43.30 0.42 0.00	33.17 0.43 0.00
GILBOA___3 23758	31.81 0.43 0.00	30.24 0.50 0.00	27.57 0.68 0.00	22.41 0.62 0.00	17.24 0.52 0.00	19.22 0.60 0.00	22.59 0.60 0.00	25.05 0.38 0.00	20.81 0.34 0.00	22.06 0.35 0.00	23.16 0.44 0.00	22.18 0.44 0.00	23.37 0.48 0.00	25.94 0.52 0.00	29.14 0.48 0.00	33.21 0.50 0.00	45.40 0.59 0.00	62.98 0.36 0.00	77.06 -0.04 0.00	68.32 0.26 0.00	58.01 0.28 0.00	70.39 0.46 0.00	43.30 0.42 0.00	33.17 0.43 0.00
GILBOA___4 23759	31.81 0.43 0.00	30.24 0.50 0.00	27.57 0.68 0.00	22.41 0.62 0.00	17.24 0.52 0.00	19.22 0.60 0.00	22.59 0.60 0.00	25.05 0.38 0.00	20.81 0.34 0.00	22.06 0.35 0.00	23.16 0.44 0.00	22.18 0.44 0.00	23.37 0.48 0.00	25.94 0.52 0.00	29.14 0.48 0.00	33.21 0.50 0.00	45.40 0.59 0.00	62.98 0.36 0.00	77.06 -0.04 0.00	68.32 0.26 0.00	58.01 0.28 0.00	70.39 0.46 0.00	43.30 0.42 0.00	33.17 0.43 0.00

GILBOA____ 23599	31.81 0.43 0.00	30.25 0.51 0.00	27.57 0.68 0.00	22.41 0.62 0.00	17.24 0.52 0.00	19.23 0.60 0.00	22.60 0.60 0.00	25.05 0.38 0.00	20.81 0.34 0.00	22.06 0.35 0.00	23.16 0.44 0.00	22.18 0.44 0.00	23.37 0.48 0.00	25.94 0.52 0.00	29.14 0.48 0.00	33.21 0.50 0.00	45.40 0.58 0.00	62.98 0.36 0.00	77.06 -0.04 0.00	68.32 0.26 0.00	58.01 0.28 0.00	70.38 0.46 0.00	43.30 0.42 0.00	33.17 0.43 0.00
GINNA____ 23603	29.76 -1.62 0.00	28.46 -1.29 0.00	25.63 -1.26 0.00	20.74 -1.05 0.00	15.84 -0.88 0.00	17.68 -0.95 0.00	20.88 -1.11 0.00	23.18 -1.49 0.00	19.16 -1.32 0.00	20.36 -1.35 0.00	21.28 -1.45 0.00	20.42 -1.32 0.00	21.54 -1.35 0.00	24.07 -1.35 0.00	27.35 -1.31 0.00	31.26 -1.46 0.00	42.94 -1.87 0.00	60.17 -2.45 0.00	74.13 -2.97 0.00	65.39 -2.67 0.00	55.29 -2.44 0.00	66.74 -3.18 0.00	40.94 -1.94 0.00	31.15 -1.59 0.00
GLEN PARK____ 23778	31.88 0.50 0.00	30.11 0.37 0.00	27.10 0.21 0.00	21.95 0.16 0.00	16.89 0.17 0.00	19.06 0.44 0.00	22.51 0.52 0.00	25.20 0.53 0.00	20.77 0.29 0.00	21.87 0.16 0.00	22.63 -0.10 0.00	21.50 -0.24 0.00	22.50 -0.39 0.00	24.99 -0.43 0.00	28.28 -0.38 0.00	32.38 -0.34 0.00	45.06 0.25 0.00	64.44 1.82 0.00	81.01 3.91 0.00	72.01 3.96 0.00	60.40 2.68 0.00	73.07 3.14 0.00	44.37 1.50 0.00	33.76 1.02 0.00
GLENDALE_27_KV_LOAD 356172	33.00 1.61 0.00	31.42 1.68 0.00	28.44 1.55 0.00	23.08 1.29 0.00	17.74 1.02 0.00	19.80 1.18 0.00	23.25 1.26 0.00	25.82 1.15 0.00	21.55 1.08 0.00	22.92 1.22 0.00	24.26 1.53 0.00	23.35 1.61 0.00	24.60 1.71 0.00	27.34 1.92 0.00	30.66 2.01 0.00	34.92 2.21 0.00	47.38 2.57 0.00	65.56 2.94 0.00	80.80 3.70 0.00	71.15 3.09 0.00	60.02 2.29 0.00	72.95 3.03 0.00	44.85 1.97 0.00	34.36 1.62 0.00
GLENWOOD_IC_1_G5 23712	32.77 1.39 0.00	31.20 1.46 0.00	28.26 1.36 0.00	22.90 1.11 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.02 1.03 0.00	25.59 0.92 0.00	21.31 0.83 0.00	22.73 1.03 0.00	24.21 1.48 0.00	23.35 1.60 0.00	25.61 1.70 -1.02	43.63 1.92 -16.29	44.37 2.06 -13.65	40.17 2.27 -5.18	47.44 2.62 0.00	65.42 2.80 0.00	80.44 3.33 0.00	70.74 2.68 0.00	59.67 1.94 0.00	72.59 2.66 0.00	44.60 1.72 0.00	34.09 1.35 0.00
GLENWOOD_IC_2_G1 23688	32.66 1.27 0.00	31.10 1.35 0.00	28.15 1.25 0.00	22.82 1.04 0.00	17.55 0.83 0.00	19.58 0.96 0.00	22.97 0.98 0.00	25.52 0.85 0.00	21.27 0.79 0.00	22.66 0.95 0.00	24.07 1.35 0.00	23.20 1.46 0.00	25.45 1.55 -1.02	43.44 1.73 -16.29	44.14 1.84 -13.65	39.92 2.02 -5.18	47.15 2.33 0.00	65.37 2.75 0.00	80.43 3.33 0.00	70.79 2.73 0.00	59.74 2.01 0.00	72.58 2.65 0.00	44.43 1.55 0.00	33.98 1.24 0.00
GLENWOOD_IC_3_G1 23689	32.66 1.27 0.00	31.10 1.35 0.00	28.15 1.25 0.00	22.82 1.04 0.00	17.55 0.83 0.00	19.58 0.96 0.00	22.97 0.98 0.00	25.52 0.85 0.00	21.27 0.79 0.00	22.66 0.95 0.00	24.07 1.35 0.00	23.20 1.46 0.00	25.45 1.55 -1.02	43.44 1.73 -16.29	44.14 1.84 -13.65	39.92 2.02 -5.18	47.15 2.33 0.00	65.37 2.75 0.00	80.43 3.33 0.00	70.79 2.73 0.00	59.74 2.01 0.00	72.58 2.65 0.00	44.43 1.55 0.00	33.98 1.24 0.00
GLENWOOD____4 23550	32.77 1.39 0.00	31.20 1.46 0.00	28.26 1.36 0.00	22.90 1.11 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.02 1.03 0.00	25.59 0.92 0.00	21.31 0.83 0.00	22.73 1.03 0.00	24.21 1.48 0.00	23.35 1.60 0.00	25.61 1.70 -1.02	43.63 1.92 -16.29	44.37 2.06 -13.65	40.17 2.27 -5.18	47.45 2.64 0.00	65.57 2.95 0.00	80.60 3.50 0.00	70.90 2.84 0.00	59.82 2.09 0.00	72.74 2.81 0.00	44.60 1.72 0.00	34.09 1.35 0.00
GLENWOOD____5 23614	32.77 1.39 0.00	31.20 1.46 0.00	28.26 1.36 0.00	22.90 1.11 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.02 1.03 0.00	25.59 0.92 0.00	21.31 0.83 0.00	22.73 1.03 0.00	24.21 1.48 0.00	23.35 1.60 0.00	25.61 1.70 -1.02	43.63 1.92 -16.29	44.37 2.06 -13.65	40.17 2.27 -5.18	47.45 2.64 0.00	65.57 2.95 0.00	80.60 3.50 0.00	70.90 2.84 0.00	59.82 2.09 0.00	72.74 2.81 0.00	44.60 1.72 0.00	34.09 1.35 0.00
GLOBAL GREEN_PORT_GT1 23814	33.79 2.41 0.00	32.15 2.41 0.00	29.09 2.20 0.00	23.52 1.73 0.00	18.06 1.34 0.00	20.13 1.50 0.00	23.56 1.57 0.00	26.25 1.59 0.00	21.88 1.40 0.00	23.49 1.79 0.00	25.30 2.58 0.00	24.57 2.83 0.00	26.97 3.07 -1.02	45.23 3.52 -16.29	46.27 3.96 -13.65	42.19 4.29 -5.18	50.13 5.32 0.00	69.39 6.76 0.00	85.52 8.42 0.00	74.78 6.72 0.00	62.98 5.25 0.00	76.67 6.74 0.00	46.31 3.43 0.00	35.19 2.45 0.00
GLOBE____DSASP 323697	30.14 -1.25 0.00	29.23 -0.51 0.00	26.12 -0.77 0.00	21.07 -0.72 0.00	15.96 -0.76 0.00	17.85 -0.78 0.00	21.17 -0.83 0.00	23.28 -1.39 0.00	19.20 -1.27 0.00	20.49 -1.22 0.00	21.38 -1.34 0.00	20.62 -1.12 0.00	21.70 -1.19 0.00	24.30 -1.12 0.00	27.79 -0.86 0.00	31.49 -1.22 0.00	42.93 -1.88 0.00	59.61 -3.01 0.00	72.45 -4.65 0.00	63.79 -4.27 0.00	54.04 -3.69 0.00	65.38 -4.55 0.00	40.70 -2.18 0.00	31.14 -1.60 0.00
GOETHSLN____LBMP 323567	32.56 1.17 0.00	31.00 1.25 0.00	28.07 1.18 0.00	22.79 1.01 0.00	17.53 0.81 0.00	19.56 0.94 0.00	22.98 0.98 0.00	25.50 0.83 0.00	21.31 0.83 0.00	22.68 0.97 0.00	23.99 1.26 0.00	23.08 1.34 0.00	24.30 1.41 0.00	26.99 1.57 0.00	30.30 1.64 0.00	34.55 1.84 0.00	46.90 2.08 0.00	64.97 2.35 0.00	80.01 2.90 0.00	70.39 2.33 0.00	59.32 1.59 0.00	72.05 2.13 0.00	44.26 1.38 0.00	33.90 1.17 0.00
GOLAH____69_KV_TB 1_2 80279	31.34 -0.04 0.00	30.07 0.32 0.00	27.02 0.13 0.00	21.84 0.05 0.00	16.63 -0.09 0.00	18.58 -0.05 0.00	21.97 -0.03 0.00	24.31 -0.35 0.00	20.05 -0.42 0.00	21.29 -0.41 0.00	22.23 -0.49 0.00	21.36 -0.38 0.00	22.53 -0.37 0.00	25.17 -0.25 0.00	28.66 0.00 0.00	32.70 -0.01 0.00	44.89 0.08 0.00	62.88 0.26 0.00	77.49 0.39 0.00	68.52 0.46 0.00	58.04 0.31 0.00	70.07 0.14 0.00	43.09 0.21 0.00	32.79 0.06 0.00
GOODYEAR_LAKE_HYD 323669	32.15 0.77 0.00	30.47 0.72 0.00	27.49 0.59 0.00	22.23 0.44 0.00	17.03 0.31 0.00	19.00 0.38 0.00	22.42 0.43 0.00	25.04 0.36 0.00	20.77 0.30 0.00	22.05 0.34 0.00	23.19 0.46 0.00	22.21 0.47 0.00	23.43 0.54 0.00	26.05 0.63 0.00	29.43 0.77 0.00	33.61 0.90 0.00	46.12 1.31 0.00	64.57 1.95 0.00	79.66 2.56 0.00	70.40 2.34 0.00	59.68 1.95 0.00	72.27 2.34 0.00	44.17 1.29 0.00	33.66 0.92 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.20 -0.18 0.00	29.77 0.03 0.00	26.86 -0.03 0.00	21.78 -0.01 0.00	16.68 -0.04 0.00	18.67 0.05 0.00	22.02 0.02 0.00	24.50 -0.17 0.00	20.28 -0.20 0.00	21.44 -0.27 0.00	22.43 -0.30 0.00	21.52 -0.22 0.00	22.68 -0.21 0.00	25.27 -0.15 0.00	28.55 -0.11 0.00	32.64 -0.07 0.00	44.66 -0.16 0.00	62.41 -0.21 0.00	77.02 -0.09 0.00	68.09 0.03 0.00	57.79 0.06 0.00	70.01 0.08 0.00	42.76 -0.11 0.00	32.66 -0.07 0.00

GOUDEY___7 23579	31.20 -0.18 0.00	29.77 0.03 0.00	26.86 -0.03 0.00	21.78 -0.01 0.00	16.68 -0.04 0.00	18.67 0.05 0.00	22.02 0.02 0.00	24.50 -0.17 0.00	20.28 -0.20 0.00	21.44 -0.27 0.00	22.43 -0.30 0.00	21.52 -0.22 0.00	22.68 -0.21 0.00	25.27 -0.15 0.00	28.55 -0.11 0.00	32.64 -0.07 0.00	44.66 -0.16 0.00	62.41 -0.21 0.00	77.02 -0.09 0.00	68.09 0.03 0.00	57.79 0.06 0.00	70.01 0.08 0.00	42.76 -0.11 0.00	32.66 -0.07 0.00
GOUDEY___8 23580	31.20 -0.18 0.00	29.77 0.03 0.00	26.86 -0.03 0.00	21.78 -0.01 0.00	16.68 -0.04 0.00	18.67 0.05 0.00	22.02 0.02 0.00	24.50 -0.17 0.00	20.28 -0.20 0.00	21.44 -0.27 0.00	22.43 -0.30 0.00	21.52 -0.22 0.00	22.68 -0.21 0.00	25.27 -0.15 0.00	28.55 -0.11 0.00	32.64 -0.07 0.00	44.66 -0.16 0.00	62.41 -0.21 0.00	77.02 -0.09 0.00	68.09 0.03 0.00	57.79 0.06 0.00	70.01 0.08 0.00	42.76 -0.11 0.00	32.66 -0.07 0.00
GOWANUS_GT1_1 24077	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT1_2 24078	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT1_3 24079	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT1_4 24080	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT1_5 24084	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT1_6 24111	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT1_7 24112	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT1_8 24113	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT2_1 24114	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT2_2 24115	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT2_3 24116	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT2_4 24117	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT2_5 24118	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01

GOWANUS_GT2_6 24119	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT2_7 24120	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT2_8 24121	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT3_1 24122	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT3_2 24123	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT3_3 24124	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT3_4 24125	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT3_5 24126	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT3_6 24127	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT3_7 24128	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT3_8 24129	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
GOWANUS_GT4_1 24130	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT4_2 24131	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT4_3 24132	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT4_4 24133	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00

GOWANUS_GT4_5 24134	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT4_6 24135	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT4_7 24136	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GOWANUS_GT4_8 24137	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GREATVR_69_KV_BK1 356245	33.05 1.67 0.00	31.51 1.76 0.00	28.51 1.61 0.00	23.05 1.27 0.00	17.71 0.99 0.00	19.75 1.12 0.00	23.09 1.10 0.00	25.69 1.03 0.00	21.33 0.85 0.00	22.84 1.13 0.00	24.56 1.84 0.00	23.78 2.04 0.00	26.11 2.21 -1.02	44.23 2.52 -16.29	45.05 2.74 -13.65	40.90 3.01 -5.18	48.26 3.44 0.00	66.92 4.30 0.00	82.12 5.02 0.00	71.97 3.91 0.00	60.84 3.11 0.00	74.07 4.15 0.00	45.01 2.13 0.00	34.35 1.62 0.00
GREENBSH_115KV_TB3 55895	31.59 0.20 0.00	30.03 0.29 0.00	27.30 0.40 0.00	22.21 0.42 0.00	17.10 0.38 0.00	19.06 0.43 0.00	22.41 0.41 0.00	24.90 0.23 0.00	20.68 0.20 0.00	21.88 0.17 0.00	22.93 0.21 0.00	21.95 0.21 0.00	23.13 0.24 0.00	25.66 0.23 0.00	28.81 0.15 0.00	32.83 0.12 0.00	44.93 0.11 0.00	62.66 0.04 0.00	77.29 0.19 0.00	68.47 0.42 0.00	57.94 0.21 0.00	70.16 0.23 0.00	43.03 0.15 0.00	32.91 0.18 0.00
GREENDGE_115KV_TB5 80291	31.35 -0.03 0.00	29.98 0.23 0.00	26.98 0.09 0.00	21.84 0.05 0.00	16.69 -0.03 0.00	18.67 0.04 0.00	22.05 0.05 0.00	24.44 -0.23 0.00	20.11 -0.37 0.00	21.21 -0.49 0.00	22.10 -0.62 0.00	21.21 -0.53 0.00	22.38 -0.51 0.00	24.98 -0.44 0.00	28.32 -0.34 0.00	32.39 -0.32 0.00	44.17 -0.64 0.00	62.07 -0.55 0.00	77.02 -0.08 0.00	68.39 0.33 0.00	58.07 0.34 0.00	70.08 0.16 0.00	42.89 0.01 0.00	32.90 0.16 0.00
GREENIDGE___3 23582	31.35 -0.03 0.00	29.98 0.23 0.00	26.98 0.09 0.00	21.84 0.05 0.00	16.69 -0.03 0.00	18.67 0.04 0.00	22.05 0.05 0.00	24.44 -0.23 0.00	20.11 -0.37 0.00	21.21 -0.49 0.00	22.10 -0.62 0.00	21.21 -0.53 0.00	22.38 -0.51 0.00	24.98 -0.44 0.00	28.32 -0.34 0.00	32.39 -0.32 0.00	44.17 -0.64 0.00	62.07 -0.55 0.00	77.02 -0.08 0.00	68.39 0.33 0.00	58.07 0.34 0.00	70.08 0.16 0.00	42.89 0.01 0.00	32.90 0.16 0.00
GREENIDGE___4 23583	31.35 -0.03 0.00	29.98 0.23 0.00	26.98 0.08 0.00	21.84 0.05 0.00	16.69 -0.03 0.00	18.67 0.05 0.00	22.05 0.05 0.00	24.45 -0.22 0.00	20.11 -0.37 0.00	21.21 -0.49 0.00	22.10 -0.62 0.00	21.20 -0.54 0.00	22.38 -0.51 0.00	24.98 -0.44 0.00	28.32 -0.34 0.00	32.39 -0.33 0.00	44.17 -0.64 0.00	62.07 -0.55 0.00	77.03 -0.07 0.00	68.39 0.33 0.00	58.07 0.34 0.00	70.09 0.16 0.00	42.89 0.01 0.00	32.89 0.15 0.00
GREENLWN_69_KV_BK 3 55738	32.66 1.27 0.00	31.16 1.42 0.00	28.22 1.33 0.00	22.84 1.05 0.00	17.55 0.83 0.00	19.58 0.95 0.00	22.90 0.91 0.00	25.43 0.76 0.00	21.09 0.62 0.00	22.57 0.86 0.00	24.27 1.54 0.00	23.46 1.72 0.00	25.76 1.86 -1.02	43.79 2.08 -16.29	44.50 2.19 -13.65	40.24 2.34 -5.18	47.25 2.44 0.00	65.50 2.88 0.00	80.50 3.40 0.00	70.68 2.62 0.00	59.62 1.89 0.00	72.57 2.64 0.00	44.22 1.34 0.00	33.82 1.09 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00
GRISSOM___SOLAR 323813	32.91 1.52 0.00	31.19 1.45 0.00	28.21 1.31 0.00	22.83 1.05 0.00	17.51 0.79 0.00	19.50 0.88 0.00	22.99 1.00 0.00	25.49 0.82 0.00	20.91 0.43 0.00	22.05 0.34 0.00	23.03 0.31 0.00	22.02 0.28 0.00	23.20 0.31 0.00	25.75 0.33 0.00	29.04 0.38 0.00	33.17 0.46 0.00	45.65 0.84 0.00	64.33 1.71 0.00	80.18 3.08 0.00	71.80 3.74 0.00	61.13 3.40 0.00	74.03 4.11 0.00	45.28 2.40 0.00	34.45 1.72 0.00
GROVEVILLE___HYD 323602	32.57 1.19 0.00	30.99 1.25 0.00	28.08 1.19 0.00	22.79 1.01 0.00	17.52 0.80 0.00	19.56 0.93 0.00	22.98 0.98 0.00	25.54 0.88 0.00	21.29 0.81 0.00	22.60 0.89 0.00	23.84 1.11 0.00	22.91 1.17 0.00	24.15 1.26 0.00	26.87 1.45 0.00	30.19 1.54 0.00	34.44 1.73 0.00	47.05 2.24 0.00	65.55 2.93 0.00	80.77 3.66 0.00	71.24 3.18 0.00	60.13 2.40 0.00	72.86 2.94 0.00	44.56 1.69 0.00	34.04 1.30 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.11 -0.28 0.00	29.59 -0.15 0.00	26.78 -0.11 0.00	21.71 -0.08 0.00	16.65 -0.07 0.00	18.58 -0.05 0.00	21.90 -0.10 0.00	24.42 -0.26 0.00	20.21 -0.28 0.00	21.41 -0.30 0.00	22.37 -0.36 0.00	21.38 -0.36 0.00	22.53 -0.36 0.00	25.05 -0.37 0.00	28.30 -0.36 0.00	32.35 -0.36 0.00	44.43 -0.39 0.00	62.25 -0.37 0.00	76.86 -0.24 0.00	67.98 -0.08 0.00	57.61 -0.12 0.00	69.60 -0.33 0.00	42.59 -0.29 0.00	32.48 -0.26 0.00
HAMLTNNY_34_KV_TB 80303	31.20 -0.19 0.00	29.73 -0.01 0.00	26.89 -0.01 0.00	21.79 0.01 0.00	16.70 -0.03 0.00	18.63 0.00 0.00	21.96 -0.04 0.00	24.45 -0.22 0.00	20.21 -0.27 0.00	21.39 -0.32 0.00	22.35 -0.38 0.00	21.38 -0.36 0.00	22.54 -0.35 0.00	25.09 -0.33 0.00	28.39 -0.27 0.00	32.48 -0.23 0.00	44.58 -0.24 0.00	62.47 -0.15 0.00	77.11 0.01 0.00	68.26 0.20 0.00	57.89 0.16 0.00	69.91 -0.01 0.00	42.80 -0.08 0.00	32.64 -0.10 0.00

HAMPSHIRE___PAPER_HYD 323593	31.86 0.47 0.00	29.97 0.23 0.00	26.82 -0.07 0.00	21.68 -0.10 0.00	16.66 -0.06 0.00	18.67 0.04 0.00	22.06 0.07 0.00	25.03 0.36 0.00	20.73 0.25 0.00	21.95 0.25 0.00	22.85 0.12 0.00	21.77 0.03 0.00	22.85 -0.04 0.00	25.40 -0.02 0.00	28.74 0.08 0.00	32.77 0.06 0.00	45.32 0.51 0.00	64.13 1.51 0.00	79.32 2.21 0.00	70.18 2.12 0.00	59.23 1.50 0.00	72.01 2.08 0.00	44.00 1.12 0.00	33.53 0.79 0.00
HARDSCRABBLE_WT_PWR 323673	31.47 0.09 0.00	29.90 0.16 0.00	27.18 0.28 0.00	22.08 0.29 0.00	17.01 0.28 0.00	19.00 0.38 0.00	22.33 0.34 0.00	24.64 -0.03 0.00	20.22 -0.26 0.00	21.29 -0.41 0.00	22.27 -0.45 0.00	21.34 -0.40 0.00	22.48 -0.41 0.00	24.93 -0.49 0.00	27.99 -0.67 0.00	32.02 -0.69 0.00	43.98 -0.84 0.00	61.81 -0.81 0.00	77.21 0.11 0.00	68.95 0.90 0.00	58.60 0.87 0.00	70.90 0.97 0.00	43.27 0.39 0.00	33.01 0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.39 1.01 0.00	30.82 1.07 0.00	27.89 0.99 0.00	22.61 0.82 0.00	17.38 0.66 0.00	19.40 0.78 0.00	22.80 0.80 0.00	25.35 0.68 0.00	21.13 0.65 0.00	22.46 0.75 0.00	23.70 0.98 0.00	22.80 1.06 0.00	24.04 1.15 0.00	26.74 1.32 0.00	30.09 1.44 0.00	34.35 1.63 0.00	46.83 2.01 0.00	65.20 2.58 0.00	80.34 3.24 0.00	70.78 2.72 0.00	59.71 1.98 0.00	72.41 2.48 0.00	44.30 1.42 0.00	33.83 1.09 0.00
HARSNRAD_115KV_TB1 81005	30.71 -0.67 0.00	29.78 0.03 0.00	26.61 -0.29 0.00	21.46 -0.33 0.00	16.22 -0.50 0.00	18.14 -0.48 0.00	21.50 -0.49 0.00	23.65 -1.02 0.00	19.49 -0.99 0.00	20.76 -0.95 0.00	21.65 -1.07 0.00	20.89 -0.85 0.00	22.00 -0.89 0.00	24.63 -0.79 0.00	28.18 -0.47 0.00	31.92 -0.79 0.00	43.56 -1.26 0.00	60.66 -1.96 0.00	74.25 -2.85 0.00	65.48 -2.58 0.00	55.48 -2.25 0.00	67.10 -2.82 0.00	41.76 -1.12 0.00	31.93 -0.80 0.00
HARZA MOOSE___RIVER 24016	31.65 0.27 0.00	29.92 0.18 0.00	26.97 0.07 0.00	21.83 0.04 0.00	16.81 0.09 0.00	18.89 0.26 0.00	22.30 0.30 0.00	24.99 0.33 0.00	20.68 0.20 0.00	21.90 0.19 0.00	22.80 0.08 0.00	21.71 -0.03 0.00	22.80 -0.09 0.00	25.32 -0.10 0.00	28.57 -0.08 0.00	32.63 -0.09 0.00	45.14 0.32 0.00	63.93 1.31 0.00	79.49 2.39 0.00	70.45 2.39 0.00	59.22 1.49 0.00	71.67 1.74 0.00	43.69 0.81 0.00	33.28 0.54 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.90 -0.49 0.00	29.39 -0.35 0.00	26.60 -0.30 0.00	21.56 -0.22 0.00	16.53 -0.19 0.00	18.45 -0.18 0.00	21.75 -0.24 0.00	24.24 -0.43 0.00	20.08 -0.40 0.00	21.28 -0.43 0.00	22.24 -0.49 0.00	21.26 -0.48 0.00	22.41 -0.48 0.00	24.91 -0.51 0.00	28.11 -0.55 0.00	32.14 -0.57 0.00	44.10 -0.72 0.00	61.77 -0.85 0.00	76.27 -0.83 0.00	67.39 -0.67 0.00	57.09 -0.65 0.00	68.99 -0.94 0.00	42.23 -0.65 0.00	32.20 -0.53 0.00
HELLGATE_13_KV_LD 55870	33.06 1.67 0.00	31.49 1.75 0.00	28.52 1.63 0.00	23.13 1.35 0.00	17.79 1.07 0.00	19.85 1.22 0.00	23.30 1.31 0.00	25.87 1.20 0.00	21.60 1.12 0.00	22.98 1.27 0.00	24.32 1.60 0.00	23.41 1.67 0.00	24.66 1.77 0.00	27.41 1.99 0.00	30.74 2.09 0.00	34.99 2.28 0.00	47.45 2.64 0.00	65.66 3.04 0.00	80.93 3.82 0.00	71.26 3.20 0.00	60.10 2.37 0.00	73.06 3.13 0.00	44.91 2.03 0.00	34.42 1.68 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.06 1.67 0.00	31.49 1.75 0.00	28.52 1.63 0.00	23.13 1.35 0.00	17.79 1.07 0.00	19.85 1.22 0.00	23.30 1.31 0.00	25.87 1.20 0.00	21.60 1.12 0.00	22.98 1.27 0.00	24.32 1.60 0.00	23.41 1.67 0.00	24.66 1.77 0.00	27.41 1.99 0.00	30.74 2.09 0.00	34.99 2.28 0.00	47.45 2.64 0.00	65.66 3.04 0.00	80.93 3.82 0.00	71.26 3.20 0.00	60.10 2.37 0.00	73.06 3.13 0.00	44.91 2.03 0.00	34.42 1.68 0.00
HEMPSTEAD___ 23647	32.66 1.27 0.00	31.10 1.36 0.00	28.15 1.26 0.00	22.80 1.01 0.00	17.53 0.81 0.00	19.55 0.93 0.00	22.89 0.90 0.00	25.45 0.78 0.00	21.17 0.70 0.00	22.62 0.91 0.00	24.15 1.43 0.00	23.31 1.57 0.00	25.57 1.66 -1.02	43.57 1.86 -16.29	44.28 1.97 -13.65	40.06 2.16 -5.18	47.21 2.40 0.00	65.34 2.72 0.00	80.25 3.14 0.00	70.52 2.47 0.00	59.57 1.84 0.00	72.51 2.59 0.00	44.33 1.45 0.00	33.88 1.14 0.00
HICKLING___1 23621	31.15 -0.24 0.00	29.84 0.10 0.00	26.84 -0.05 0.00	21.74 -0.04 0.00	16.61 -0.11 0.00	18.64 0.01 0.00	21.99 0.00 0.00	24.36 -0.31 0.00	20.07 -0.41 0.00	21.17 -0.54 0.00	22.12 -0.60 0.00	21.27 -0.47 0.00	22.46 -0.43 0.00	25.08 -0.34 0.00	28.41 -0.24 0.00	32.51 -0.20 0.00	44.42 -0.39 0.00	62.15 -0.47 0.00	76.83 -0.28 0.00	68.11 0.05 0.00	57.89 0.16 0.00	70.13 0.20 0.00	42.76 -0.12 0.00	32.72 -0.02 0.00
HICKLING___2 23622	31.15 -0.24 0.00	29.84 0.10 0.00	26.84 -0.05 0.00	21.74 -0.04 0.00	16.61 -0.11 0.00	18.64 0.01 0.00	21.99 0.00 0.00	24.36 -0.31 0.00	20.07 -0.41 0.00	21.17 -0.54 0.00	22.12 -0.60 0.00	21.27 -0.47 0.00	22.46 -0.43 0.00	25.08 -0.34 0.00	28.41 -0.24 0.00	32.51 -0.20 0.00	44.42 -0.39 0.00	62.15 -0.47 0.00	76.83 -0.28 0.00	68.11 0.05 0.00	57.89 0.16 0.00	70.13 0.20 0.00	42.76 -0.12 0.00	32.72 -0.02 0.00
HIGH FALLS___HY 23754	32.48 1.10 0.00	30.90 1.15 0.00	27.95 1.06 0.00	22.66 0.88 0.00	17.41 0.69 0.00	19.43 0.81 0.00	22.84 0.85 0.00	25.42 0.75 0.00	21.18 0.71 0.00	22.48 0.78 0.00	23.68 0.96 0.00	22.74 1.00 0.00	23.95 1.06 0.00	26.64 1.22 0.00	29.84 1.18 0.00	34.09 1.38 0.00	46.64 1.83 0.00	65.11 2.49 0.00	80.34 3.24 0.00	70.89 2.83 0.00	60.15 2.42 0.00	72.91 2.98 0.00	44.56 1.69 0.00	33.98 1.24 0.00
HIGH_RIVER___SOLAR 323847	32.37 0.99 0.00	30.72 0.97 0.00	27.83 0.93 0.00	22.56 0.78 0.00	17.32 0.60 0.00	19.31 0.68 0.00	22.73 0.74 0.00	25.21 0.54 0.00	20.71 0.23 0.00	21.79 0.08 0.00	22.73 0.01 0.00	21.75 0.00 0.00	22.90 0.01 0.00	25.43 0.01 0.00	28.62 -0.03 0.00	32.68 -0.03 0.00	44.96 0.15 0.00	63.33 0.71 0.00	78.88 1.78 0.00	70.37 2.31 0.00	59.80 2.08 0.00	72.43 2.50 0.00	44.35 1.48 0.00	33.83 1.09 0.00
HILLBURN___GT 23639	32.34 0.95 0.00	30.78 1.03 0.00	27.85 0.95 0.00	22.58 0.79 0.00	17.36 0.63 0.00	19.38 0.76 0.00	22.77 0.77 0.00	25.31 0.64 0.00	21.11 0.64 0.00	22.45 0.74 0.00	23.72 1.00 0.00	22.83 1.09 0.00	24.06 1.17 0.00	26.75 1.33 0.00	30.08 1.42 0.00	34.31 1.60 0.00	46.67 1.85 0.00	64.83 2.21 0.00	79.86 2.76 0.00	70.36 2.30 0.00	59.35 1.62 0.00	72.03 2.11 0.00	44.12 1.24 0.00	33.72 0.99 0.00
HILLSIDE_115KV_TB1 80332	30.71 -0.67 0.00	29.41 -0.33 0.00	26.49 -0.41 0.00	21.47 -0.31 0.00	16.42 -0.30 0.00	18.44 -0.19 0.00	21.74 -0.25 0.00	24.12 -0.54 0.00	19.92 -0.55 0.00	21.02 -0.69 0.00	21.97 -0.75 0.00	21.13 -0.62 0.00	22.30 -0.59 0.00	24.88 -0.54 0.00	28.14 -0.51 0.00	32.20 -0.51 0.00	43.94 -0.87 0.00	61.39 -1.23 0.00	75.74 -1.37 0.00	67.05 -1.01 0.00	57.02 -0.71 0.00	69.15 -0.78 0.00	42.12 -0.76 0.00	32.24 -0.50 0.00

HISHELDN_WT_PWR 323625	30.86 -0.53 0.00	29.81 0.06 0.00	26.67 -0.23 0.00	21.53 -0.26 0.00	16.33 -0.39 0.00	18.30 -0.32 0.00	21.67 -0.33 0.00	23.83 -0.83 0.00	19.60 -0.88 0.00	20.80 -0.91 0.00	21.68 -1.04 0.00	20.91 -0.83 0.00	22.03 -0.86 0.00	24.67 -0.75 0.00	28.15 -0.51 0.00	32.00 -0.71 0.00	43.72 -1.10 0.00	61.01 -1.61 0.00	74.97 -2.14 0.00	66.34 -1.72 0.00	56.34 -1.39 0.00	68.21 -1.72 0.00	42.12 -0.76 0.00	32.21 -0.52 0.00
HOLTSVILLE_IC_1 23690	32.54 1.16 0.00	31.04 1.30 0.00	28.12 1.23 0.00	22.75 0.97 0.00	17.48 0.76 0.00	19.50 0.87 0.00	22.80 0.81 0.00	25.36 0.69 0.00	21.04 0.56 0.00	22.53 0.82 0.00	24.22 1.49 0.00	23.44 1.69 0.00	25.74 1.83 -1.02	43.76 2.05 -16.29	44.50 2.19 -13.65	40.29 2.39 -5.18	47.38 2.56 0.00	65.64 3.03 0.00	80.69 3.59 0.00	70.73 2.67 0.00	59.70 1.97 0.00	72.65 2.72 0.00	44.15 1.27 0.00	33.74 1.00 0.00
HOLTSVILLE_IC_10 23699	32.67 1.29 0.00	31.14 1.40 0.00	28.21 1.32 0.00	22.82 1.03 0.00	17.53 0.82 0.00	19.55 0.93 0.00	22.87 0.87 0.00	25.43 0.76 0.00	21.11 0.63 0.00	22.61 0.90 0.00	24.31 1.59 0.00	23.54 1.80 0.00	25.86 1.96 -1.02	43.91 2.20 -16.29	44.70 2.39 -13.65	40.54 2.64 -5.18	47.74 2.93 0.00	66.14 3.52 0.00	81.33 4.22 0.00	71.25 3.18 0.00	60.11 2.38 0.00	73.16 3.23 0.00	44.40 1.53 0.00	33.90 1.17 0.00
HOLTSVILLE_IC_2 23691	32.54 1.16 0.00	31.04 1.30 0.00	28.12 1.23 0.00	22.75 0.97 0.00	17.48 0.76 0.00	19.50 0.87 0.00	22.80 0.81 0.00	25.36 0.69 0.00	21.04 0.56 0.00	22.53 0.82 0.00	24.22 1.49 0.00	23.44 1.69 0.00	25.74 1.83 -1.02	43.76 2.05 -16.29	44.50 2.19 -13.65	40.29 2.39 -5.18	47.38 2.56 0.00	65.64 3.03 0.00	80.69 3.59 0.00	70.73 2.67 0.00	59.70 1.97 0.00	72.65 2.72 0.00	44.15 1.27 0.00	33.74 1.00 0.00
HOLTSVILLE_IC_3 23692	32.54 1.16 0.00	31.04 1.30 0.00	28.12 1.23 0.00	22.75 0.97 0.00	17.48 0.76 0.00	19.50 0.87 0.00	22.80 0.81 0.00	25.36 0.69 0.00	21.04 0.56 0.00	22.53 0.82 0.00	24.22 1.49 0.00	23.44 1.69 0.00	25.74 1.83 -1.02	43.76 2.05 -16.29	44.50 2.19 -13.65	40.29 2.39 -5.18	47.38 2.56 0.00	65.64 3.03 0.00	80.69 3.59 0.00	70.73 2.67 0.00	59.70 1.97 0.00	72.65 2.72 0.00	44.15 1.27 0.00	33.74 1.00 0.00
HOLTSVILLE_IC_4 23693	32.54 1.16 0.00	31.04 1.30 0.00	28.12 1.23 0.00	22.75 0.97 0.00	17.48 0.76 0.00	19.50 0.87 0.00	22.80 0.81 0.00	25.36 0.69 0.00	21.04 0.56 0.00	22.53 0.82 0.00	24.22 1.49 0.00	23.44 1.69 0.00	25.74 1.83 -1.02	43.76 2.05 -16.29	44.50 2.19 -13.65	40.29 2.39 -5.18	47.38 2.56 0.00	65.64 3.03 0.00	80.69 3.59 0.00	70.73 2.67 0.00	59.70 1.97 0.00	72.65 2.72 0.00	44.15 1.27 0.00	33.74 1.00 0.00
HOLTSVILLE_IC_5 23694	32.54 1.16 0.00	31.04 1.30 0.00	28.12 1.23 0.00	22.75 0.97 0.00	17.48 0.76 0.00	19.50 0.87 0.00	22.80 0.81 0.00	25.36 0.69 0.00	21.04 0.56 0.00	22.53 0.82 0.00	24.22 1.49 0.00	23.44 1.69 0.00	25.74 1.83 -1.02	43.76 2.05 -16.29	44.50 2.19 -13.65	40.29 2.39 -5.18	47.38 2.56 0.00	65.64 3.03 0.00	80.69 3.59 0.00	70.73 2.67 0.00	59.70 1.97 0.00	72.65 2.72 0.00	44.15 1.27 0.00	33.74 1.00 0.00
HOLTSVILLE_IC_6 23695	32.67 1.29 0.00	31.14 1.40 0.00	28.21 1.32 0.00	22.82 1.03 0.00	17.53 0.82 0.00	19.55 0.93 0.00	22.87 0.87 0.00	25.43 0.76 0.00	21.11 0.63 0.00	22.61 0.90 0.00	24.31 1.59 0.00	23.54 1.80 0.00	25.86 1.96 -1.02	43.91 2.20 -16.29	44.70 2.39 -13.65	40.54 2.64 -5.18	47.74 2.93 0.00	66.14 3.52 0.00	81.33 4.22 0.00	71.25 3.18 0.00	60.11 2.38 0.00	73.16 3.23 0.00	44.40 1.53 0.00	33.90 1.17 0.00
HOLTSVILLE_IC_7 23696	32.67 1.29 0.00	31.14 1.40 0.00	28.21 1.32 0.00	22.82 1.03 0.00	17.53 0.82 0.00	19.55 0.93 0.00	22.87 0.87 0.00	25.43 0.76 0.00	21.11 0.63 0.00	22.61 0.90 0.00	24.31 1.59 0.00	23.54 1.80 0.00	25.86 1.96 -1.02	43.91 2.20 -16.29	44.70 2.39 -13.65	40.54 2.64 -5.18	47.74 2.93 0.00	66.14 3.52 0.00	81.33 4.22 0.00	71.25 3.18 0.00	60.11 2.38 0.00	73.16 3.23 0.00	44.40 1.53 0.00	33.90 1.17 0.00
HOLTSVILLE_IC_8 23697	32.67 1.29 0.00	31.14 1.40 0.00	28.21 1.32 0.00	22.82 1.03 0.00	17.53 0.82 0.00	19.55 0.93 0.00	22.87 0.87 0.00	25.43 0.76 0.00	21.11 0.63 0.00	22.61 0.90 0.00	24.31 1.59 0.00	23.54 1.80 0.00	25.86 1.96 -1.02	43.91 2.20 -16.29	44.70 2.39 -13.65	40.54 2.64 -5.18	47.74 2.93 0.00	66.14 3.52 0.00	81.33 4.22 0.00	71.25 3.18 0.00	60.11 2.38 0.00	73.16 3.23 0.00	44.40 1.53 0.00	33.90 1.17 0.00
HOLTSVILLE_IC_9 23698	32.67 1.29 0.00	31.14 1.40 0.00	28.21 1.32 0.00	22.82 1.03 0.00	17.53 0.82 0.00	19.55 0.93 0.00	22.87 0.87 0.00	25.43 0.76 0.00	21.11 0.63 0.00	22.61 0.90 0.00	24.31 1.59 0.00	23.54 1.80 0.00	25.86 1.96 -1.02	43.91 2.20 -16.29	44.70 2.39 -13.65	40.54 2.64 -5.18	47.74 2.93 0.00	66.14 3.52 0.00	81.33 4.22 0.00	71.25 3.18 0.00	60.11 2.38 0.00	73.16 3.23 0.00	44.40 1.53 0.00	33.90 1.17 0.00
HOMER_HL_115KV_TB2 355744	30.81 -0.58 0.00	29.74 0.00 0.00	26.68 -0.21 0.00	21.58 -0.20 0.00	16.44 -0.28 0.00	18.49 -0.13 0.00	21.89 -0.10 0.00	24.12 -0.55 0.00	19.89 -0.59 0.00	21.09 -0.62 0.00	21.87 -0.85 0.00	21.07 -0.67 0.00	22.11 -0.78 0.00	24.72 -0.71 0.00	28.21 -0.45 0.00	32.11 -0.61 0.00	43.63 -1.18 0.00	60.87 -1.75 0.00	74.78 -2.33 0.00	66.11 -1.95 0.00	56.16 -1.57 0.00	68.16 -1.77 0.00	42.17 -0.71 0.00	32.26 -0.47 0.00
HOWARD_WT_PWR 323690	31.45 0.06 0.00	30.22 0.47 0.00	27.11 0.21 0.00	21.91 0.13 0.00	16.68 -0.04 0.00	18.68 0.06 0.00	22.06 0.07 0.00	24.28 -0.39 0.00	19.87 -0.60 0.00	20.99 -0.71 0.00	21.86 -0.87 0.00	21.05 -0.69 0.00	22.20 -0.69 0.00	24.85 -0.57 0.00	28.24 -0.42 0.00	32.24 -0.47 0.00	44.17 -0.64 0.00	61.92 -0.70 0.00	76.71 -0.39 0.00	68.10 0.04 0.00	58.03 0.30 0.00	70.38 0.45 0.00	43.09 0.21 0.00	32.93 0.20 0.00
HQ_GEN_CEDARS 23644	32.12 0.73 0.00	30.16 0.42 0.00	26.86 -0.03 0.00	21.70 -0.09 0.00	16.61 -0.10 0.00	18.45 -0.17 0.00	21.85 -0.15 0.00	25.07 0.41 0.00	20.83 0.36 0.00	22.13 0.42 0.00	23.11 0.39 0.00	22.10 0.36 0.00	23.25 0.36 0.00	25.88 0.46 0.00	29.32 0.66 0.00	33.38 0.67 0.00	45.91 1.09 0.00	64.31 1.69 0.00	78.39 1.28 0.00	69.01 0.95 0.00	58.72 1.00 0.00	71.72 1.79 0.00	44.06 1.18 0.00	33.61 0.87 0.00
HQ_GEN_CEDARS_PROXY 323590	32.12 0.73 0.00	30.16 0.42 0.00	26.86 -0.03 0.00	21.70 -0.09 0.00	16.61 -0.10 0.00	18.45 -0.17 0.00	21.85 -0.15 0.00	25.07 0.41 0.00	20.83 0.35 0.00	22.12 0.42 0.00	23.11 0.39 0.00	22.10 0.36 0.00	23.25 0.36 0.00	25.88 0.46 0.00	29.32 0.66 0.00	33.38 0.67 0.00	45.91 1.10 0.00	64.31 1.69 0.00	78.38 1.28 0.00	69.01 0.95 0.00	58.72 0.99 0.00	71.71 1.79 0.00	44.06 1.18 0.00	34.15 0.87 -0.54

HQ_GEN_IMPORT 323601	31.60 0.21 0.00	29.80 0.05 0.00	26.84 -0.06 0.00	21.69 -0.09 0.00	16.63 -0.09 0.00	18.48 -0.15 0.00	21.89 -0.11 0.00	24.81 0.14 0.00	20.62 0.14 0.00	21.86 0.16 0.00	22.87 0.15 0.00	21.89 0.14 0.00	23.03 0.14 0.00	25.59 0.16 0.00	28.89 0.23 0.00	32.97 0.26 0.00	45.20 0.38 0.00	63.18 0.56 0.00	77.58 0.48 0.00	68.28 0.22 0.00	58.08 0.35 0.00	70.43 0.51 0.00	42.81 0.34 0.42	32.35 0.26 0.64
HQ_GEN_WHEEL 23651	31.60 0.21 0.00	29.80 0.05 0.00	26.84 -0.06 0.00	21.69 -0.09 0.00	16.63 -0.09 0.00	18.48 -0.15 0.00	21.89 -0.11 0.00	24.81 0.14 0.00	20.62 0.14 0.00	21.86 0.16 0.00	22.87 0.15 0.00	21.89 0.14 0.00	23.03 0.14 0.00	25.59 0.16 0.00	28.89 0.23 0.00	32.97 0.26 0.00	45.20 0.38 0.00	63.18 0.56 0.00	77.58 0.48 0.00	68.28 0.22 0.00	58.08 0.35 0.00	70.43 0.51 0.00	42.81 0.34 0.42	32.35 0.26 0.64
HUDSON AVE_GT_3 23810	32.79 1.41 0.00	31.22 1.48 0.00	28.28 1.39 0.00	22.94 1.16 0.00	17.64 0.92 0.00	19.69 1.07 0.00	23.12 1.12 0.00	25.67 1.00 0.00	21.44 0.96 0.00	22.80 1.09 0.00	24.12 1.39 0.00	23.21 1.48 0.00	24.45 1.55 0.00	27.15 1.73 0.00	30.49 1.83 0.00	34.75 2.04 0.00	47.20 2.38 0.00	65.41 2.79 0.00	80.51 3.41 0.00	70.90 2.84 0.00	59.78 2.05 0.00	72.60 2.68 0.00	44.57 1.69 0.00	34.14 1.40 0.00
HUDSON AVE_GT_4 23540	32.79 1.41 0.00	31.22 1.48 0.00	28.28 1.39 0.00	22.94 1.16 0.00	17.64 0.92 0.00	19.69 1.07 0.00	23.12 1.12 0.00	25.67 1.00 0.00	21.44 0.96 0.00	22.80 1.09 0.00	24.12 1.39 0.00	23.21 1.48 0.00	24.45 1.55 0.00	27.15 1.73 0.00	30.49 1.83 0.00	34.75 2.04 0.00	47.20 2.38 0.00	65.41 2.79 0.00	80.51 3.41 0.00	70.90 2.84 0.00	59.78 2.05 0.00	72.60 2.68 0.00	44.57 1.69 0.00	34.14 1.40 0.00
HUDSON AVE_GT_5 23657	32.79 1.41 0.00	31.22 1.48 0.00	28.28 1.39 0.00	22.94 1.16 0.00	17.64 0.92 0.00	19.69 1.07 0.00	23.12 1.12 0.00	25.67 1.00 0.00	21.44 0.96 0.00	22.80 1.09 0.00	24.12 1.39 0.00	23.21 1.48 0.00	24.45 1.55 0.00	27.15 1.73 0.00	30.49 1.83 0.00	34.75 2.04 0.00	47.20 2.38 0.00	65.41 2.79 0.00	80.51 3.41 0.00	70.90 2.84 0.00	59.78 2.05 0.00	72.60 2.68 0.00	44.57 1.69 0.00	34.14 1.40 0.00
HUDSON_AVE_10 24168	32.65 1.26 0.00	31.11 1.36 0.00	28.17 1.27 0.00	22.86 1.07 0.00	17.58 0.86 0.00	19.62 0.99 0.00	23.03 1.03 0.00	25.57 0.90 0.00	21.35 0.88 0.00	22.70 0.99 0.00	23.99 1.27 0.00	23.09 1.35 0.00	24.31 1.42 0.00	27.01 1.59 0.00	30.30 1.65 0.01	34.54 1.83 0.01	46.91 2.10 0.01	64.99 2.38 0.01	80.01 2.92 0.01	70.48 2.42 0.00	59.44 1.71 0.00	72.22 2.30 0.00	44.38 1.50 0.00	34.02 1.28 0.00
HUDSON___115KV_TB 4 355613	32.15 0.76 0.00	30.55 0.80 0.00	27.75 0.86 0.00	22.56 0.78 0.00	17.36 0.64 0.00	19.35 0.73 0.00	22.76 0.76 0.00	25.25 0.58 0.00	20.87 0.40 0.00	22.03 0.33 0.00	23.07 0.35 0.00	22.08 0.34 0.00	23.27 0.38 0.00	25.82 0.40 0.00	29.02 0.36 0.00	33.11 0.40 0.00	45.40 0.58 0.00	63.50 0.88 0.00	78.78 1.68 0.00	70.15 2.09 0.00	59.50 1.77 0.00	71.97 2.04 0.00	44.05 1.17 0.00	33.61 0.87 0.00
HUNTER MOUNT___DRP 323613	32.26 0.88 0.00	30.63 0.89 0.00	27.84 0.94 0.00	22.63 0.85 0.00	17.42 0.70 0.00	19.41 0.79 0.00	22.83 0.85 0.00	25.35 0.68 0.00	20.95 0.47 0.00	22.09 0.39 0.00	23.11 0.38 0.00	22.11 0.37 0.00	23.31 0.42 0.00	25.87 0.45 0.00	29.09 0.43 0.00	33.22 0.50 0.00	45.61 0.79 0.00	63.89 1.27 0.00	79.27 2.17 0.00	70.58 2.52 0.00	59.87 2.14 0.00	72.37 2.45 0.00	44.26 1.39 0.00	33.75 1.02 0.00
HUNTINGTON_RES_REC 323705	32.67 1.28 0.00	31.15 1.41 0.00	28.21 1.32 0.00	22.83 1.04 0.00	17.54 0.82 0.00	19.56 0.93 0.00	22.88 0.88 0.00	25.42 0.75 0.00	21.09 0.61 0.00	22.58 0.87 0.00	24.30 1.57 0.00	23.51 1.77 0.00	25.84 1.93 -1.02	43.90 2.19 -16.29	44.67 2.36 -13.65	40.48 2.58 -5.18	47.62 2.80 0.00	65.96 3.33 0.00	81.06 3.96 0.00	71.06 3.00 0.00	59.94 2.21 0.00	72.98 3.06 0.00	44.36 1.49 0.00	33.88 1.15 0.00
HUNTLEY___63 23557	30.89 -0.50 0.00	29.92 0.18 0.00	26.72 -0.17 0.00	21.55 -0.23 0.00	16.31 -0.41 0.00	18.25 -0.37 0.00	21.63 -0.36 0.00	23.80 -0.87 0.00	19.64 -0.84 0.00	20.93 -0.78 0.00	21.85 -0.87 0.00	21.10 -0.64 0.00	22.23 -0.66 0.00	24.91 -0.51 0.00	28.51 -0.14 0.00	32.35 -0.36 0.00	44.15 -0.66 0.00	61.49 -1.13 0.00	75.09 -2.01 0.00	66.15 -1.91 0.00	56.02 -1.71 0.00	67.73 -2.20 0.00	42.04 -0.84 0.00	32.14 -0.60 0.00
HUNTLEY___64 23558	30.89 -0.50 0.00	29.92 0.18 0.00	26.72 -0.17 0.00	21.55 -0.23 0.00	16.31 -0.41 0.00	18.25 -0.37 0.00	21.63 -0.36 0.00	23.80 -0.87 0.00	19.64 -0.84 0.00	20.93 -0.78 0.00	21.85 -0.87 0.00	21.10 -0.64 0.00	22.23 -0.66 0.00	24.91 -0.51 0.00	28.51 -0.14 0.00	32.35 -0.36 0.00	44.15 -0.66 0.00	61.49 -1.13 0.00	75.09 -2.01 0.00	66.15 -1.91 0.00	56.02 -1.71 0.00	67.73 -2.20 0.00	42.04 -0.84 0.00	32.14 -0.60 0.00
HUNTLEY___65 23559	30.89 -0.50 0.00	29.92 0.18 0.00	26.72 -0.17 0.00	21.55 -0.23 0.00	16.31 -0.41 0.00	18.25 -0.37 0.00	21.63 -0.36 0.00	23.80 -0.87 0.00	19.64 -0.84 0.00	20.93 -0.78 0.00	21.85 -0.87 0.00	21.10 -0.64 0.00	22.23 -0.66 0.00	24.91 -0.51 0.00	28.51 -0.14 0.00	32.35 -0.36 0.00	44.15 -0.66 0.00	61.49 -1.13 0.00	75.09 -2.01 0.00	66.15 -1.91 0.00	56.02 -1.71 0.00	67.73 -2.20 0.00	42.04 -0.84 0.00	32.14 -0.60 0.00
HUNTLEY___66 23560	30.89 -0.50 0.00	29.92 0.18 0.00	26.72 -0.17 0.00	21.55 -0.23 0.00	16.31 -0.41 0.00	18.25 -0.37 0.00	21.63 -0.36 0.00	23.80 -0.87 0.00	19.64 -0.84 0.00	20.93 -0.78 0.00	21.85 -0.87 0.00	21.10 -0.64 0.00	22.23 -0.66 0.00	24.91 -0.51 0.00	28.51 -0.14 0.00	32.35 -0.36 0.00	44.15 -0.66 0.00	61.49 -1.13 0.00	75.09 -2.01 0.00	66.15 -1.91 0.00	56.02 -1.71 0.00	67.73 -2.20 0.00	42.04 -0.84 0.00	32.14 -0.60 0.00
HUNTLEY___67 23561	30.65 -0.74 0.00	29.68 -0.06 0.00	26.54 -0.36 0.00	21.40 -0.38 0.00	16.22 -0.50 0.00	18.16 -0.47 0.00	21.52 -0.48 0.00	23.68 -0.99 0.00	19.53 -0.94 0.00	20.81 -0.90 0.00	21.71 -1.01 0.00	20.94 -0.80 0.00	22.06 -0.84 0.00	24.70 -0.72 0.00	28.24 -0.42 0.00	32.04 -0.67 0.00	43.70 -1.11 0.00	60.85 -1.77 0.00	74.43 -2.68 0.00	65.60 -2.46 0.00	55.58 -2.15 0.00	67.23 -2.69 0.00	41.71 -1.17 0.00	31.90 -0.84 0.00
HUNTLEY___68 23562	30.65 -0.74 0.00	29.68 -0.06 0.00	26.54 -0.36 0.00	21.40 -0.38 0.00	16.22 -0.50 0.00	18.16 -0.47 0.00	21.52 -0.48 0.00	23.68 -0.99 0.00	19.53 -0.94 0.00	20.81 -0.90 0.00	21.71 -1.01 0.00	20.94 -0.80 0.00	22.06 -0.84 0.00	24.70 -0.72 0.00	28.24 -0.42 0.00	32.04 -0.67 0.00	43.70 -1.11 0.00	60.85 -1.77 0.00	74.43 -2.68 0.00	65.60 -2.46 0.00	55.58 -2.15 0.00	67.23 -2.69 0.00	41.71 -1.17 0.00	31.90 -0.84 0.00

HYLAND___LFGE 323620	32.59 1.21 0.00	31.23 1.48 0.00	28.00 1.11 0.00	22.62 0.84 0.00	17.24 0.52 0.00	19.28 0.66 0.00	22.80 0.81 0.00	25.05 0.38 0.00	20.25 -0.22 0.00	21.38 -0.32 0.00	22.32 -0.40 0.00	21.47 -0.27 0.00	22.67 -0.22 0.00	25.35 -0.07 0.00	28.86 0.20 0.00	32.93 0.22 0.00	45.21 0.40 0.00	63.43 0.81 0.00	78.47 1.37 0.00	70.70 2.65 0.00	60.73 3.00 0.00	73.64 3.71 0.00	45.09 2.21 0.00	34.22 1.48 0.00
INDECK___CORINTH 23802	32.45 1.07 0.00	30.77 1.03 0.00	27.95 1.06 0.00	22.75 0.96 0.00	17.48 0.75 0.00	19.50 0.87 0.00	22.95 0.95 0.00	25.48 0.82 0.00	21.10 0.62 0.00	22.22 0.51 0.00	23.12 0.39 0.00	22.04 0.30 0.00	23.22 0.33 0.00	25.71 0.29 0.00	28.83 0.17 0.00	32.96 0.25 0.00	45.59 0.78 0.00	64.32 1.70 0.00	80.38 3.28 0.00	71.30 3.24 0.00	60.45 2.72 0.00	72.97 3.04 0.00	44.48 1.60 0.00	33.95 1.22 0.00
INDECK___ILION 23567	31.46 0.07 0.00	29.86 0.11 0.00	27.09 0.20 0.00	21.98 0.19 0.00	16.91 0.19 0.00	18.88 0.25 0.00	22.22 0.23 0.00	24.68 0.01 0.00	20.36 -0.12 0.00	21.51 -0.20 0.00	22.51 -0.21 0.00	21.55 -0.20 0.00	22.70 -0.19 0.00	25.19 -0.23 0.00	28.33 -0.33 0.00	32.37 -0.34 0.00	44.42 -0.40 0.00	62.26 -0.36 0.00	77.29 0.18 0.00	68.66 0.60 0.00	58.26 0.54 0.00	70.53 0.60 0.00	43.12 0.24 0.00	32.89 0.16 0.00
INDECK___OLEAN 23982	30.80 -0.58 0.00	29.75 0.00 0.00	26.68 -0.21 0.00	21.58 -0.20 0.00	16.44 -0.28 0.00	18.49 -0.13 0.00	21.90 -0.10 0.00	24.12 -0.55 0.00	19.89 -0.59 0.00	21.09 -0.62 0.00	21.87 -0.85 0.00	21.07 -0.67 0.00	22.11 -0.78 0.00	24.72 -0.70 0.00	28.22 -0.44 0.00	32.09 -0.62 0.00	43.63 -1.19 0.00	60.87 -1.75 0.00	74.78 -2.32 0.00	66.11 -1.95 0.00	56.16 -1.57 0.00	68.16 -1.77 0.00	42.16 -0.72 0.00	32.26 -0.47 0.00
INDECK___OSWEGO 23783	30.60 -0.78 0.00	29.09 -0.66 0.00	26.35 -0.55 0.00	21.36 -0.43 0.00	16.38 -0.34 0.00	18.29 -0.34 0.00	21.56 -0.43 0.00	24.06 -0.61 0.00	19.94 -0.54 0.00	21.11 -0.59 0.00	22.06 -0.66 0.00	21.06 -0.68 0.00	22.14 -0.75 0.00	24.61 -0.81 0.00	27.77 -0.89 0.00	31.71 -1.00 0.00	43.32 -1.50 0.00	60.55 -2.07 0.00	74.77 -2.34 0.00	66.10 -1.96 0.00	55.94 -1.79 0.00	67.63 -2.30 0.00	41.46 -1.42 0.00	31.81 -0.92 0.00
INDECK___YERKES 23781	30.92 -0.46 0.00	29.96 0.21 0.00	26.75 -0.14 0.00	21.57 -0.22 0.00	16.33 -0.39 0.00	18.27 -0.35 0.00	21.65 -0.34 0.00	23.83 -0.84 0.00	19.65 -0.82 0.00	20.95 -0.76 0.00	21.88 -0.85 0.00	21.12 -0.62 0.00	22.26 -0.63 0.00	24.95 -0.47 0.00	28.56 -0.10 0.00	32.37 -0.34 0.00	44.21 -0.61 0.00	61.56 -1.06 0.00	75.19 -1.91 0.00	66.22 -1.84 0.00	56.08 -1.65 0.00	67.81 -2.12 0.00	42.09 -0.79 0.00	32.17 -0.57 0.00
INDIAN POINT_GT_1 24139	32.37 0.99 0.00	30.82 1.08 0.00	27.91 1.02 0.00	22.64 0.86 0.00	17.41 0.69 0.00	19.43 0.81 0.00	22.83 0.83 0.00	25.36 0.69 0.00	21.15 0.67 0.00	22.49 0.78 0.00	23.76 1.04 0.00	22.85 1.11 0.00	24.08 1.19 0.00	26.77 1.35 0.00	30.07 1.41 0.00	34.27 1.55 0.00	46.62 1.81 0.00	64.77 2.15 0.00	79.77 2.66 0.00	70.30 2.24 0.00	59.33 1.60 0.00	72.01 2.08 0.00	44.12 1.24 0.00	33.74 1.00 0.00
INDIAN POINT_GT_2 23659	32.37 0.99 0.00	30.82 1.08 0.00	27.91 1.02 0.00	22.64 0.86 0.00	17.41 0.69 0.00	19.43 0.81 0.00	22.83 0.83 0.00	25.36 0.69 0.00	21.15 0.67 0.00	22.49 0.78 0.00	23.76 1.04 0.00	22.85 1.11 0.00	24.08 1.19 0.00	26.77 1.35 0.00	30.07 1.41 0.00	34.27 1.55 0.00	46.62 1.81 0.00	64.77 2.15 0.00	79.77 2.66 0.00	70.30 2.24 0.00	59.33 1.60 0.00	72.01 2.08 0.00	44.12 1.24 0.00	33.74 1.00 0.00
INDIAN POINT_GT_3 24019	32.37 0.99 0.00	30.82 1.08 0.00	27.91 1.02 0.00	22.64 0.86 0.00	17.41 0.69 0.00	19.43 0.81 0.00	22.83 0.83 0.00	25.36 0.69 0.00	21.15 0.67 0.00	22.49 0.78 0.00	23.76 1.04 0.00	22.85 1.11 0.00	24.08 1.19 0.00	26.77 1.35 0.00	30.07 1.41 0.00	34.27 1.55 0.00	46.62 1.81 0.00	64.77 2.15 0.00	79.77 2.66 0.00	70.30 2.24 0.00	59.33 1.60 0.00	72.01 2.08 0.00	44.12 1.24 0.00	33.74 1.00 0.00
INDIAN POINT___2 23530	32.33 0.95 0.00	30.78 1.03 0.00	27.87 0.97 0.00	22.60 0.82 0.00	17.38 0.66 0.00	19.40 0.78 0.00	22.79 0.79 0.00	25.32 0.65 0.00	21.12 0.64 0.00	22.45 0.74 0.00	23.72 1.00 0.00	22.82 1.08 0.00	24.05 1.16 0.00	26.73 1.31 0.00	30.03 1.37 0.00	34.23 1.52 0.00	46.55 1.73 0.00	64.65 2.03 0.00	79.64 2.53 0.00	70.18 2.12 0.00	59.22 1.49 0.00	71.89 1.96 0.00	44.05 1.17 0.00	33.69 0.95 0.00
INDIAN POINT___3 23531	32.34 0.95 0.00	30.79 1.04 0.00	27.88 0.98 0.00	22.62 0.83 0.00	17.39 0.67 0.00	19.41 0.79 0.00	22.81 0.81 0.00	25.34 0.67 0.00	21.13 0.66 0.00	22.46 0.76 0.00	23.73 1.01 0.00	22.83 1.09 0.00	24.05 1.16 0.00	26.73 1.31 0.00	30.02 1.36 0.00	34.22 1.50 0.00	46.53 1.72 0.00	64.65 2.02 0.00	79.61 2.51 0.00	70.17 2.11 0.00	59.22 1.49 0.00	71.87 1.94 0.00	44.04 1.16 0.00	33.69 0.95 0.00
INGHAM_C_115KV_TB7 356103	31.45 0.06 0.00	29.88 0.13 0.00	27.19 0.29 0.00	22.11 0.33 0.00	17.04 0.32 0.00	19.06 0.43 0.00	22.37 0.37 0.00	24.59 -0.08 0.00	20.11 -0.36 0.00	21.12 -0.59 0.00	22.08 -0.64 0.00	21.17 -0.57 0.00	22.31 -0.58 0.00	24.73 -0.69 0.00	27.74 -0.92 0.00	31.75 -0.96 0.00	43.63 -1.18 0.00	61.45 -1.17 0.00	77.03 -0.07 0.00	69.02 0.96 0.00	58.70 0.97 0.00	71.00 1.08 0.00	43.28 0.40 0.00	33.01 0.27 0.00
IP CORINTH___1 23988	32.62 1.23 0.00	30.93 1.18 0.00	28.09 1.20 0.00	22.86 1.08 0.00	17.56 0.84 0.00	19.60 0.98 0.00	23.06 1.07 0.00	25.61 0.94 0.00	21.20 0.73 0.00	22.33 0.63 0.00	23.23 0.51 0.00	22.15 0.41 0.00	23.33 0.44 0.00	25.84 0.42 0.00	28.98 0.33 0.00	33.14 0.43 0.00	45.84 1.03 0.00	64.66 2.04 0.00	80.79 3.69 0.00	71.69 3.63 0.00	60.76 3.04 0.00	73.37 3.44 0.00	44.74 1.86 0.00	34.14 1.40 0.00
IP___TICONDEROGA 23804	34.27 2.89 0.00	32.42 2.68 0.00	29.55 2.66 0.00	24.18 2.40 0.00	18.54 1.82 0.00	20.77 2.15 0.00	24.40 2.41 0.00	26.96 2.29 0.00	22.26 1.78 0.00	23.33 1.63 0.00	24.18 1.45 0.00	23.06 1.32 0.00	24.29 1.40 0.00	26.88 1.46 0.00	30.04 1.38 0.00	34.44 1.73 0.00	48.04 3.22 0.00	68.36 5.74 0.00	85.77 8.67 0.00	76.50 8.44 0.00	64.80 7.07 0.00	78.01 8.08 0.00	47.17 4.29 0.00	36.12 3.38 0.00
ISLIP_RES_REC 323679	32.80 1.42 0.00	31.25 1.51 0.00	28.31 1.41 0.00	22.89 1.10 0.00	17.59 0.87 0.00	19.61 0.99 0.00	22.94 0.94 0.00	25.52 0.85 0.00	21.18 0.70 0.00	22.69 0.99 0.00	24.41 1.68 0.00	23.65 1.90 0.00	25.98 2.07 -1.02	44.05 2.35 -16.29	44.87 2.56 -13.65	40.74 2.85 -5.18	48.05 3.23 0.00	66.56 3.94 0.00	81.82 4.72 0.00	71.68 3.62 0.00	60.46 2.73 0.00	73.56 3.63 0.00	44.63 1.75 0.00	34.06 1.32 0.00

JAMAICA__27_KV_LOAD 355505	32.81 1.42 0.00	31.30 1.56 0.00	28.35 1.46 0.00	23.01 1.23 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.16 1.16 0.00	25.74 1.07 0.00	21.49 1.01 0.00	22.82 1.11 0.00	24.05 1.33 0.00	23.13 1.39 0.00	24.37 1.48 0.00	27.07 1.65 0.00	30.34 1.69 0.01	34.58 1.88 0.01	46.97 2.16 0.01	65.09 2.48 0.01	80.14 3.05 0.01	70.57 2.51 0.00	59.57 1.84 0.00	72.45 2.52 0.00	44.62 1.74 0.00	34.28 1.55 0.00
JANIS__SOLAR 323808	32.32 0.93 0.00	30.74 1.00 0.00	27.73 0.84 0.00	22.45 0.67 0.00	17.20 0.48 0.00	19.23 0.61 0.00	22.68 0.69 0.00	25.17 0.50 0.00	20.63 0.15 0.00	21.72 0.02 0.00	22.64 -0.08 0.00	21.66 -0.08 0.00	22.84 -0.04 0.00	25.45 0.03 0.00	28.78 0.13 0.00	32.96 0.24 0.00	45.43 0.62 0.00	64.00 1.38 0.00	79.62 2.51 0.00	71.14 3.08 0.00	60.52 2.79 0.00	73.25 3.32 0.00	44.63 1.75 0.00	33.95 1.21 0.00
JARVIS____ 23743	31.37 -0.01 0.00	29.77 0.03 0.00	26.95 0.06 0.00	21.85 0.07 0.00	16.79 0.06 0.00	18.71 0.08 0.00	22.08 0.08 0.00	24.67 0.01 0.00	20.48 0.00 0.00	21.69 -0.02 0.00	22.72 0.00 0.00	21.72 -0.02 0.00	22.87 -0.02 0.00	25.40 -0.03 0.00	28.60 -0.06 0.00	32.65 -0.06 0.00	44.76 -0.05 0.00	62.55 -0.07 0.00	77.11 0.01 0.00	68.16 0.10 0.00	57.76 0.03 0.00	69.93 0.00 0.00	42.88 0.00 0.00	32.73 -0.01 0.00
JENNISON____1 23625	32.40 1.01 0.00	30.79 1.04 0.00	27.77 0.88 0.00	22.48 0.70 0.00	17.22 0.49 0.00	19.26 0.64 0.00	22.71 0.72 0.00	25.28 0.61 0.00	20.88 0.40 0.00	22.06 0.35 0.00	23.09 0.36 0.00	22.13 0.39 0.00	23.36 0.47 0.00	26.01 0.59 0.00	29.40 0.74 0.00	33.63 0.92 0.00	46.26 1.44 0.00	64.96 2.34 0.00	80.44 3.34 0.00	71.31 3.25 0.00	60.53 2.80 0.00	73.27 3.34 0.00	44.66 1.78 0.00	34.01 1.28 0.00
JENNISON____2 23626	32.40 1.01 0.00	30.79 1.04 0.00	27.77 0.88 0.00	22.48 0.70 0.00	17.22 0.49 0.00	19.26 0.64 0.00	22.71 0.72 0.00	25.28 0.61 0.00	20.88 0.40 0.00	22.06 0.35 0.00	23.09 0.36 0.00	22.13 0.39 0.00	23.36 0.47 0.00	26.01 0.59 0.00	29.40 0.74 0.00	33.63 0.92 0.00	46.26 1.44 0.00	64.96 2.34 0.00	80.44 3.34 0.00	71.31 3.25 0.00	60.53 2.80 0.00	73.27 3.34 0.00	44.66 1.78 0.00	34.01 1.28 0.00
JERICOHO_RISE_WT_PWR 323719	31.30 -0.09 0.00	29.44 -0.30 0.00	26.44 -0.45 0.00	21.36 -0.42 0.00	16.38 -0.34 0.00	18.17 -0.45 0.00	21.45 -0.54 0.00	24.49 -0.18 0.00	20.45 -0.03 0.00	21.69 -0.01 0.00	22.64 -0.09 0.00	21.67 -0.07 0.00	22.83 -0.06 0.00	25.44 0.02 0.00	28.81 0.15 0.00	32.76 0.05 0.00	45.02 0.21 0.00	63.13 0.51 0.00	77.44 0.34 0.00	68.05 -0.01 0.00	57.84 0.11 0.00	70.02 0.09 0.00	43.07 0.19 0.00	32.85 0.11 0.00
KATONAH__115KV_46KV_TB4 355592	32.48 1.10 0.00	30.91 1.16 0.00	28.01 1.11 0.00	22.73 0.95 0.00	17.48 0.76 0.00	19.51 0.88 0.00	22.92 0.92 0.00	25.47 0.80 0.00	21.25 0.77 0.00	22.58 0.88 0.00	23.85 1.13 0.00	22.94 1.20 0.00	24.18 1.29 0.00	26.88 1.46 0.00	30.19 1.53 0.00	34.41 1.70 0.00	46.92 2.10 0.00	65.19 2.57 0.00	80.29 3.19 0.00	70.78 2.72 0.00	59.73 2.00 0.00	72.44 2.51 0.00	44.34 1.46 0.00	33.88 1.15 0.00
KCE_NY_1 323755	32.61 1.23 0.00	30.94 1.19 0.00	28.08 1.19 0.00	22.83 1.05 0.00	17.55 0.83 0.00	19.59 0.97 0.00	23.06 1.06 0.00	25.59 0.92 0.00	21.20 0.73 0.00	22.40 0.69 0.00	23.38 0.66 0.00	22.34 0.60 0.00	23.57 0.68 0.00	26.15 0.73 0.00	29.37 0.71 0.00	33.56 0.85 0.00	46.26 1.45 0.00	64.96 2.34 0.00	80.53 3.43 0.00	71.27 3.21 0.00	60.40 2.67 0.00	72.93 3.00 0.00	44.60 1.72 0.00	34.08 1.34 0.00
KCE_NY_6_ESR 323823	30.94 -0.44 0.00	29.95 0.21 0.00	26.77 -0.13 0.00	21.59 -0.19 0.00	16.36 -0.36 0.00	18.34 -0.29 0.00	21.72 -0.28 0.00	23.90 -0.77 0.00	19.71 -0.77 0.00	20.98 -0.73 0.00	21.90 -0.82 0.00	21.14 -0.61 0.00	22.27 -0.62 0.00	24.95 -0.47 0.00	28.53 -0.13 0.00	32.41 -0.30 0.00	44.23 -0.58 0.00	61.70 -0.92 0.00	75.56 -1.54 0.00	66.59 -1.47 0.00	56.44 -1.29 0.00	68.28 -1.65 0.00	42.22 -0.65 0.00	32.30 -0.44 0.00
KEDC_PORT_JEFF_GT2 24210	32.64 1.25 0.00	31.12 1.37 0.00	28.19 1.29 0.00	22.80 1.02 0.00	17.52 0.80 0.00	19.54 0.91 0.00	22.85 0.85 0.00	25.42 0.74 0.00	21.09 0.61 0.00	22.59 0.88 0.00	24.29 1.57 0.00	23.52 1.78 0.00	25.84 1.93 -1.02	43.89 2.18 -16.29	44.67 2.36 -13.65	40.51 2.61 -5.18	47.67 2.86 0.00	65.74 3.12 0.00	80.82 3.72 0.00	70.79 2.73 0.00	59.75 2.02 0.00	73.05 3.12 0.00	44.36 1.48 0.00	33.87 1.13 0.00
KEDC_PORT_JEFF_GT3 24211	32.64 1.25 0.00	31.12 1.37 0.00	28.19 1.29 0.00	22.80 1.02 0.00	17.52 0.80 0.00	19.54 0.91 0.00	22.85 0.85 0.00	25.42 0.74 0.00	21.09 0.61 0.00	22.59 0.88 0.00	24.29 1.57 0.00	23.52 1.78 0.00	25.84 1.93 -1.02	43.89 2.18 -16.29	44.67 2.36 -13.65	40.51 2.61 -5.18	47.67 2.86 0.00	65.74 3.12 0.00	80.82 3.72 0.00	70.79 2.73 0.00	59.75 2.02 0.00	73.05 3.12 0.00	44.36 1.48 0.00	33.87 1.13 0.00
KEDC_GLWD_GT4 24219	32.77 1.39 0.00	31.20 1.46 0.00	28.26 1.36 0.00	22.90 1.11 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.02 1.03 0.00	25.58 0.92 0.00	21.31 0.84 0.00	22.73 1.03 0.00	24.21 1.48 0.00	23.35 1.60 0.00	25.61 1.70 -1.02	43.63 1.92 -16.29	44.37 2.06 -13.65	40.17 2.28 -5.18	47.44 2.63 0.00	65.42 2.80 0.00	80.43 3.33 0.00	70.74 2.68 0.00	59.67 1.94 0.00	72.59 2.66 0.00	44.60 1.72 0.00	34.08 1.35 0.00
KEDC_GLWD_GT5 24220	32.77 1.39 0.00	31.20 1.46 0.00	28.26 1.36 0.00	22.90 1.11 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.02 1.03 0.00	25.58 0.92 0.00	21.31 0.84 0.00	22.73 1.03 0.00	24.21 1.48 0.00	23.35 1.60 0.00	25.61 1.70 -1.02	43.63 1.92 -16.29	44.37 2.06 -13.65	40.17 2.28 -5.18	47.44 2.63 0.00	65.42 2.80 0.00	80.43 3.33 0.00	70.74 2.68 0.00	59.67 1.94 0.00	72.59 2.66 0.00	44.60 1.72 0.00	34.08 1.35 0.00
KENSICO____ 23655	32.49 1.11 0.00	30.93 1.19 0.00	28.02 1.12 0.00	22.73 0.95 0.00	17.48 0.76 0.00	19.51 0.88 0.00	22.91 0.92 0.00	25.45 0.79 0.00	21.23 0.76 0.00	22.57 0.86 0.00	23.86 1.14 0.00	22.96 1.22 0.00	24.19 1.30 0.00	26.88 1.46 0.00	30.18 1.52 0.00	34.41 1.70 0.00	46.81 1.99 0.00	64.96 2.34 0.00	80.00 2.90 0.00	70.48 2.43 0.00	59.48 1.75 0.00	72.20 2.27 0.00	44.26 1.38 0.00	33.85 1.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.45 1.07 0.00	30.87 1.12 0.00	27.93 1.04 0.00	22.64 0.86 0.00	17.39 0.68 0.00	19.42 0.80 0.00	22.83 0.84 0.00	25.40 0.73 0.00	21.15 0.67 0.00	22.44 0.73 0.00	23.61 0.89 0.00	22.67 0.93 0.00	23.88 0.99 0.00	26.55 1.13 0.00	29.70 1.04 0.00	33.93 1.22 0.00	46.44 1.62 0.00	64.85 2.23 0.00	80.07 2.97 0.00	70.71 2.66 0.00	60.12 2.39 0.00	72.86 2.93 0.00	44.53 1.65 0.00	33.95 1.21 0.00

KIAC_JFK_GT1 23816	32.62 1.23 0.00	31.13 1.38 0.00	28.19 1.30 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.04 1.04 0.00	25.59 0.92 0.00	21.37 0.89 0.00	22.70 0.99 0.00	23.92 1.20 0.00	23.01 1.26 0.00	24.24 1.35 0.00	26.92 1.50 0.00	30.13 1.48 0.01	34.26 1.56 0.01	46.54 1.73 0.01	64.47 1.86 0.01	79.38 2.29 0.01	69.91 1.85 0.00	58.99 1.26 0.00	71.75 1.82 0.00	44.20 1.32 0.00	33.97 1.23 0.00
KIAC_JFK_GT2 23817	32.62 1.23 0.00	31.13 1.38 0.00	28.19 1.30 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.04 1.04 0.00	25.59 0.92 0.00	21.37 0.89 0.00	22.70 0.99 0.00	23.92 1.20 0.00	23.01 1.26 0.00	24.24 1.35 0.00	26.92 1.50 0.00	30.13 1.48 0.01	34.26 1.56 0.01	46.54 1.73 0.01	64.47 1.86 0.01	79.38 2.29 0.01	69.91 1.85 0.00	58.99 1.26 0.00	71.75 1.82 0.00	44.20 1.32 0.00	33.97 1.23 0.00
KIAC_JFK____ 323774	32.61 1.23 0.00	31.13 1.38 0.00	28.19 1.30 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.64 1.01 0.00	23.04 1.04 0.00	25.59 0.92 0.00	21.37 0.89 0.00	22.70 0.99 0.00	23.92 1.20 0.00	23.01 1.26 0.00	24.24 1.35 0.00	26.92 1.50 0.00	30.13 1.48 0.01	34.27 1.57 0.01	46.54 1.73 0.01	64.47 1.85 0.01	79.38 2.29 0.01	69.91 1.85 0.00	58.99 1.26 0.00	71.75 1.82 0.00	44.20 1.32 0.00	33.97 1.23 0.00
KINTIGH__24_KV_GSU 356498	30.67 -0.72 0.00	29.65 -0.09 0.00	26.56 -0.34 0.00	21.45 -0.34 0.00	16.28 -0.44 0.00	18.21 -0.42 0.00	21.58 -0.42 0.00	23.78 -0.89 0.00	19.63 -0.85 0.00	20.90 -0.81 0.00	21.80 -0.92 0.00	20.99 -0.75 0.00	22.10 -0.79 0.00	24.72 -0.70 0.00	28.22 -0.44 0.00	32.03 -0.69 0.00	43.73 -1.09 0.00	60.91 -1.71 0.00	74.55 -2.55 0.00	65.73 -2.33 0.00	55.66 -2.07 0.00	67.37 -2.56 0.00	41.76 -1.12 0.00	31.90 -0.84 0.00
KINTIGH____ 23543	30.64 -0.74 0.00	29.62 -0.12 0.00	26.54 -0.36 0.00	21.43 -0.36 0.00	16.27 -0.45 0.00	18.19 -0.43 0.00	21.56 -0.44 0.00	23.76 -0.91 0.00	19.61 -0.87 0.00	20.89 -0.82 0.00	21.79 -0.94 0.00	20.98 -0.76 0.00	22.08 -0.81 0.00	24.70 -0.73 0.00	28.20 -0.46 0.00	32.02 -0.69 0.00	43.69 -1.13 0.00	60.85 -1.77 0.00	74.50 -2.60 0.00	65.67 -2.39 0.00	55.62 -2.11 0.00	67.32 -2.61 0.00	41.72 -1.16 0.00	31.87 -0.86 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.71 0.32 0.00	29.86 0.12 0.00	26.84 -0.06 0.00	21.69 -0.10 0.00	16.63 -0.09 0.00	18.46 -0.17 0.00	21.76 -0.24 0.00	24.76 0.09 0.00	20.70 0.23 0.00	21.91 0.20 0.00	22.85 0.13 0.00	21.87 0.13 0.00	23.08 0.18 0.00	25.68 0.25 0.00	29.05 0.39 0.00	33.05 0.34 0.00	45.32 0.51 0.00	63.66 1.04 0.00	78.27 1.16 0.00	68.85 0.78 0.00	58.48 0.75 0.00	70.55 0.62 0.00	43.47 0.59 0.00	33.24 0.51 0.00
LACHUTE____HYDRO 323717	34.27 2.89 0.00	32.42 2.68 0.00	29.55 2.66 0.00	24.18 2.40 0.00	18.54 1.82 0.00	20.77 2.15 0.00	24.40 2.40 0.00	26.96 2.29 0.00	22.26 1.78 0.00	23.33 1.63 0.00	24.18 1.45 0.00	23.06 1.32 0.00	24.30 1.40 0.00	26.88 1.46 0.00	30.04 1.38 0.00	34.44 1.73 0.00	48.04 3.22 0.00	68.36 5.74 0.00	85.77 8.67 0.00	76.50 8.44 0.00	64.80 7.07 0.00	78.00 8.08 0.00	47.17 4.29 0.00	36.12 3.38 0.00
LAWRNCV_115KV_TB1 80681	32.20 0.81 0.00	30.22 0.48 0.00	26.92 0.03 0.00	21.73 -0.05 0.00	16.64 -0.08 0.00	18.50 -0.12 0.00	21.91 -0.09 0.00	25.12 0.45 0.00	20.84 0.36 0.00	22.12 0.41 0.00	23.09 0.36 0.00	22.06 0.32 0.00	23.20 0.31 0.00	25.83 0.41 0.00	29.26 0.61 0.00	33.33 0.61 0.00	45.90 1.09 0.00	64.50 1.88 0.00	78.86 1.76 0.00	69.53 1.47 0.00	59.14 1.41 0.00	72.16 2.23 0.00	44.28 1.41 0.00	33.76 1.03 0.00
LEDERLE____ 23769	32.49 1.11 0.00	30.93 1.18 0.00	27.99 1.09 0.00	22.69 0.91 0.00	17.45 0.73 0.00	19.48 0.85 0.00	22.88 0.89 0.00	25.43 0.76 0.00	21.21 0.74 0.00	22.56 0.86 0.00	23.84 1.12 0.00	22.94 1.20 0.00	24.18 1.29 0.00	26.90 1.48 0.00	30.24 1.58 0.00	34.49 1.77 0.00	46.91 2.09 0.00	65.17 2.55 0.00	80.30 3.20 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.40 2.47 0.00	44.33 1.46 0.00	33.89 1.15 0.00
LIGHTHSE_115KV_TB6 355974	31.02 -0.37 0.00	29.42 -0.33 0.00	26.59 -0.31 0.00	21.55 -0.24 0.00	16.52 -0.20 0.00	18.49 -0.14 0.00	21.79 -0.21 0.00	24.34 -0.33 0.00	20.14 -0.34 0.00	21.30 -0.40 0.00	22.22 -0.50 0.00	21.21 -0.53 0.00	22.27 -0.62 0.00	24.74 -0.68 0.00	27.90 -0.76 0.00	31.91 -0.80 0.00	43.90 -0.91 0.00	61.89 -0.73 0.00	76.93 -0.17 0.00	68.09 0.03 0.00	57.44 -0.29 0.00	69.43 -0.49 0.00	42.47 -0.41 0.00	32.44 -0.30 0.00
LINDEN COGEN____ 23786	32.54 1.16 0.00	30.98 1.24 0.00	28.07 1.17 0.00	22.78 1.00 0.00	17.52 0.80 0.00	19.55 0.93 0.00	22.97 0.97 0.00	25.49 0.82 0.00	21.30 0.82 0.00	22.66 0.95 0.00	23.97 1.25 0.00	23.07 1.33 0.00	24.29 1.40 0.00	26.97 1.55 0.00	30.28 1.62 0.00	34.53 1.82 0.00	46.87 2.05 0.00	64.93 2.31 0.00	79.96 2.86 0.00	70.36 2.31 0.00	59.29 1.56 0.00	72.02 2.09 0.00	44.22 1.34 0.00	33.89 1.15 0.00
LINDHRST_69_KV_BK1 356055	32.97 1.59 0.00	31.45 1.70 0.00	28.44 1.54 0.00	23.00 1.21 0.00	17.68 0.95 0.00	19.70 1.08 0.00	23.05 1.05 0.00	25.63 0.96 0.00	21.29 0.81 0.00	22.78 1.07 0.00	24.44 1.71 0.00	23.63 1.89 0.00	25.93 2.02 -1.02	44.00 2.29 -16.29	44.75 2.44 -13.65	40.53 2.64 -5.18	47.77 2.96 0.00	66.25 3.63 0.00	81.32 4.22 0.00	71.38 3.32 0.00	60.34 2.61 0.00	73.50 3.57 0.00	44.76 1.88 0.00	34.21 1.47 0.00
LIPA_MISC_IPP 23656	32.46 1.07 0.00	30.93 1.19 0.00	28.03 1.14 0.00	22.68 0.90 0.00	17.43 0.71 0.00	19.43 0.81 0.00	22.72 0.73 0.00	25.28 0.61 0.00	20.98 0.50 0.00	22.47 0.76 0.00	24.16 1.43 0.00	23.39 1.65 0.00	25.70 1.80 -1.02	43.72 2.01 -16.29	44.49 2.18 -13.65	40.28 2.39 -5.18	47.41 2.60 0.00	65.73 3.11 0.00	80.86 3.76 0.00	70.84 2.78 0.00	59.75 2.02 0.00	72.71 2.78 0.00	44.11 1.23 0.00	33.69 0.95 0.00
LISF____SOLAR 323691	32.50 1.11 0.00	30.96 1.22 0.00	28.07 1.17 0.00	22.70 0.92 0.00	17.44 0.72 0.00	19.45 0.83 0.00	22.74 0.75 0.00	25.30 0.63 0.00	21.00 0.52 0.00	22.48 0.77 0.00	24.17 1.45 0.00	23.40 1.65 0.00	25.71 1.80 -1.02	43.73 2.02 -16.29	44.51 2.20 -13.65	40.32 2.42 -5.18	47.47 2.65 0.00	65.85 3.23 0.00	81.04 3.94 0.00	71.02 2.96 0.00	59.91 2.18 0.00	72.85 2.92 0.00	44.19 1.31 0.00	33.74 1.00 0.00
LITTLE FALLS____HYD 24013	31.45 0.06 0.00	29.88 0.13 0.00	27.19 0.29 0.00	22.11 0.33 0.00	17.04 0.32 0.00	19.06 0.43 0.00	22.37 0.37 0.00	24.59 -0.08 0.00	20.11 -0.36 0.00	21.12 -0.59 0.00	22.08 -0.64 0.00	21.17 -0.57 0.00	22.31 -0.58 0.00	24.73 -0.69 0.00	27.74 -0.92 0.00	31.75 -0.96 0.00	43.63 -1.18 0.00	61.45 -1.17 0.00	77.03 -0.07 0.00	69.02 0.96 0.00	58.70 0.97 0.00	71.00 1.08 0.00	43.28 0.40 0.00	33.01 0.27 0.00

LITTLRIV_115KV_TB1 356100	32.64 1.26 0.00	30.63 0.89 0.00	27.28 0.39 0.00	22.02 0.24 0.00	16.85 0.13 0.00	18.74 0.11 0.00	22.17 0.18 0.00	25.37 0.70 0.00	20.96 0.49 0.00	22.19 0.49 0.00	23.14 0.42 0.00	22.11 0.37 0.00	23.25 0.36 0.00	25.90 0.48 0.00	29.34 0.69 0.00	33.41 0.70 0.00	46.09 1.28 0.00	64.92 2.30 0.00	79.72 2.62 0.00	70.53 2.47 0.00	60.13 2.40 0.00	73.34 3.42 0.00	44.98 2.10 0.00	34.28 1.54 0.00
LI_NEWBRDGE___DRP 323616	32.55 1.17 0.00	31.01 1.27 0.00	28.08 1.18 0.00	22.73 0.95 0.00	17.48 0.75 0.00	19.50 0.87 0.00	22.81 0.82 0.00	25.36 0.69 0.00	21.07 0.60 0.00	22.53 0.83 0.00	24.10 1.38 0.00	23.27 1.53 0.00	25.52 1.61 -1.02	43.52 1.81 -16.29	44.20 1.89 -13.65	39.94 2.04 -5.18	47.00 2.18 0.00	65.17 2.55 0.00	80.09 2.98 0.00	70.37 2.31 0.00	59.43 1.70 0.00	72.34 2.41 0.00	44.16 1.28 0.00	33.77 1.03 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.75 -0.63 0.00	29.81 0.07 0.00	26.63 -0.26 0.00	21.48 -0.30 0.00	16.23 -0.49 0.00	18.15 -0.47 0.00	21.52 -0.48 0.00	23.66 -1.00 0.00	19.50 -0.98 0.00	20.77 -0.93 0.00	21.66 -1.07 0.00	20.90 -0.84 0.00	22.01 -0.88 0.00	24.64 -0.78 0.00	28.20 -0.46 0.00	31.92 -0.79 0.00	43.56 -1.25 0.00	60.69 -1.93 0.00	74.32 -2.78 0.00	65.55 -2.51 0.00	55.54 -2.20 0.00	67.16 -2.76 0.00	41.81 -1.07 0.00	31.97 -0.77 0.00
LOCKPORT___CC1 323769	30.71 -0.67 0.00	29.78 0.04 0.00	26.61 -0.29 0.00	21.46 -0.33 0.00	16.22 -0.50 0.00	18.15 -0.48 0.00	21.50 -0.49 0.00	23.65 -1.02 0.00	19.49 -0.99 0.00	20.76 -0.95 0.00	21.65 -1.07 0.00	20.89 -0.86 0.00	22.00 -0.89 0.00	24.64 -0.78 0.00	28.19 -0.47 0.00	31.91 -0.81 0.00	43.55 -1.26 0.00	60.65 -1.97 0.00	74.25 -2.85 0.00	65.48 -2.58 0.00	55.48 -2.25 0.00	67.10 -2.82 0.00	41.76 -1.12 0.00	31.93 -0.80 0.00
LOCKPORT___CC2 323770	30.71 -0.67 0.00	29.78 0.04 0.00	26.61 -0.29 0.00	21.46 -0.33 0.00	16.22 -0.50 0.00	18.15 -0.48 0.00	21.50 -0.49 0.00	23.65 -1.02 0.00	19.49 -0.99 0.00	20.76 -0.95 0.00	21.65 -1.07 0.00	20.89 -0.86 0.00	22.00 -0.89 0.00	24.64 -0.78 0.00	28.19 -0.47 0.00	31.91 -0.81 0.00	43.55 -1.26 0.00	60.65 -1.97 0.00	74.25 -2.85 0.00	65.48 -2.58 0.00	55.48 -2.25 0.00	67.10 -2.82 0.00	41.76 -1.12 0.00	31.93 -0.80 0.00
LOCKPORT___CC3 323771	30.71 -0.67 0.00	29.78 0.04 0.00	26.61 -0.29 0.00	21.46 -0.33 0.00	16.22 -0.50 0.00	18.15 -0.48 0.00	21.50 -0.49 0.00	23.65 -1.02 0.00	19.49 -0.99 0.00	20.76 -0.95 0.00	21.65 -1.07 0.00	20.89 -0.86 0.00	22.00 -0.89 0.00	24.64 -0.78 0.00	28.19 -0.47 0.00	31.91 -0.81 0.00	43.55 -1.26 0.00	60.65 -1.97 0.00	74.25 -2.85 0.00	65.48 -2.58 0.00	55.48 -2.25 0.00	67.10 -2.82 0.00	41.76 -1.12 0.00	31.93 -0.80 0.00
LOCUSVLY_69_KV_BK2 55797	32.86 1.47 0.00	31.29 1.55 0.00	28.33 1.43 0.00	22.94 1.15 0.00	17.64 0.92 0.00	19.67 1.04 0.00	23.04 1.04 0.00	25.60 0.93 0.00	21.31 0.83 0.00	22.76 1.06 0.00	24.31 1.59 0.00	23.47 1.73 0.00	25.74 1.84 -1.02	43.79 2.08 -16.29	44.55 2.24 -13.65	40.37 2.48 -5.18	47.68 2.87 0.00	66.03 3.41 0.00	81.07 3.97 0.00	71.26 3.20 0.00	60.14 2.41 0.00	73.04 3.11 0.00	44.66 1.78 0.00	34.14 1.40 0.00
LONG_LAKE_PHOENIX 24014	30.75 -0.64 0.00	29.23 -0.51 0.00	26.47 -0.43 0.00	21.48 -0.31 0.00	16.46 -0.26 0.00	18.37 -0.25 0.00	21.67 -0.32 0.00	24.17 -0.50 0.00	20.02 -0.46 0.00	21.20 -0.51 0.00	22.15 -0.57 0.00	21.16 -0.58 0.00	22.26 -0.63 0.00	24.76 -0.66 0.00	27.95 -0.70 0.00	31.98 -0.74 0.00	43.85 -0.97 0.00	61.39 -1.23 0.00	75.84 -1.26 0.00	67.03 -1.03 0.00	56.76 -0.97 0.00	68.59 -1.34 0.00	42.01 -0.87 0.00	32.05 -0.68 0.00
LOVETT___3 23632	32.28 0.90 0.00	30.75 1.01 0.00	27.84 0.94 0.00	22.58 0.79 0.00	17.36 0.64 0.00	19.38 0.76 0.00	22.77 0.77 0.00	25.30 0.63 0.00	21.10 0.62 0.00	22.43 0.73 0.00	23.70 0.98 0.00	22.80 1.06 0.00	24.02 1.13 0.00	26.70 1.28 0.00	29.98 1.33 0.00	34.18 1.46 0.00	46.45 1.64 0.00	64.52 1.90 0.00	79.47 2.37 0.00	70.03 1.97 0.00	59.09 1.36 0.00	71.74 1.81 0.00	43.95 1.08 0.00	33.64 0.90 0.00
LOVETT___4 23642	32.28 0.90 0.00	30.75 1.01 0.00	27.84 0.94 0.00	22.58 0.79 0.00	17.36 0.64 0.00	19.38 0.76 0.00	22.77 0.77 0.00	25.30 0.63 0.00	21.10 0.62 0.00	22.43 0.73 0.00	23.70 0.98 0.00	22.80 1.06 0.00	24.02 1.13 0.00	26.70 1.28 0.00	29.98 1.33 0.00	34.18 1.46 0.00	46.45 1.64 0.00	64.52 1.90 0.00	79.47 2.37 0.00	70.03 1.97 0.00	59.09 1.36 0.00	71.74 1.81 0.00	43.95 1.08 0.00	33.64 0.90 0.00
LOVETT___5 23593	32.28 0.90 0.00	30.75 1.01 0.00	27.84 0.94 0.00	22.58 0.79 0.00	17.36 0.64 0.00	19.38 0.76 0.00	22.77 0.77 0.00	25.30 0.63 0.00	21.10 0.62 0.00	22.43 0.73 0.00	23.70 0.98 0.00	22.80 1.06 0.00	24.02 1.13 0.00	26.70 1.28 0.00	29.98 1.33 0.00	34.18 1.46 0.00	46.45 1.64 0.00	64.52 1.90 0.00	79.47 2.37 0.00	70.03 1.97 0.00	59.09 1.36 0.00	71.74 1.81 0.00	43.95 1.08 0.00	33.64 0.90 0.00
LOWER RAQUET___HYD 24057	32.23 0.84 0.00	30.24 0.49 0.00	26.94 0.04 0.00	21.75 -0.04 0.00	16.66 -0.06 0.00	18.52 -0.10 0.00	21.93 -0.07 0.00	25.13 0.46 0.00	20.84 0.36 0.00	22.12 0.41 0.00	23.08 0.35 0.00	22.05 0.31 0.00	23.19 0.29 0.00	25.82 0.39 0.00	29.24 0.59 0.00	33.31 0.59 0.00	45.91 1.10 0.00	64.55 1.93 0.00	79.02 1.91 0.00	69.71 1.65 0.00	59.27 1.54 0.00	72.29 2.37 0.00	44.36 1.48 0.00	33.80 1.06 0.00
LOWER___HUDSON 24059	32.16 0.77 0.00	30.56 0.82 0.00	27.76 0.87 0.00	22.57 0.79 0.00	17.39 0.67 0.00	19.39 0.77 0.00	22.82 0.82 0.00	25.35 0.68 0.00	21.03 0.56 0.00	22.23 0.52 0.00	23.24 0.52 0.00	22.21 0.46 0.00	23.40 0.51 0.00	25.94 0.52 0.00	29.10 0.44 0.00	33.17 0.46 0.00	45.61 0.79 0.00	63.76 1.14 0.00	78.84 1.74 0.00	69.92 1.86 0.00	59.15 1.43 0.00	71.56 1.63 0.00	43.87 0.99 0.00	33.54 0.80 0.00
LOWVILLE_115KV_TB2 356335	31.48 0.10 0.00	29.70 -0.05 0.00	26.71 -0.18 0.00	21.61 -0.18 0.00	16.66 -0.06 0.00	18.82 0.19 0.00	22.23 0.24 0.00	24.97 0.30 0.00	20.66 0.18 0.00	21.86 0.16 0.00	22.71 -0.01 0.00	21.57 -0.17 0.00	22.60 -0.29 0.00	25.08 -0.34 0.00	28.31 -0.35 0.00	32.30 -0.41 0.00	44.86 0.05 0.00	63.89 1.27 0.00	79.71 2.60 0.00	70.71 2.65 0.00	59.16 1.43 0.00	71.62 1.69 0.00	43.60 0.72 0.00	33.21 0.47 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.59 1.21 0.00	30.94 1.20 0.00	28.09 1.19 0.00	22.83 1.05 0.00	17.55 0.83 0.00	19.58 0.96 0.00	23.05 1.05 0.00	25.61 0.94 0.00	21.20 0.73 0.00	22.39 0.68 0.00	23.38 0.65 0.00	22.33 0.59 0.00	23.54 0.65 0.00	26.11 0.69 0.00	29.33 0.67 0.00	33.50 0.79 0.00	46.18 1.36 0.00	64.82 2.20 0.00	80.40 3.30 0.00	71.26 3.20 0.00	60.35 2.62 0.00	72.93 3.00 0.00	44.61 1.73 0.00	34.07 1.33 0.00

LUTHERNY_35_KV_BK2 355980	32.61 1.23 0.00	30.94 1.19 0.00	28.08 1.19 0.00	22.83 1.05 0.00	17.55 0.83 0.00	19.59 0.97 0.00	23.06 1.06 0.00	25.60 0.93 0.00	21.20 0.73 0.00	22.40 0.69 0.00	23.38 0.66 0.00	22.34 0.60 0.00	23.57 0.68 0.00	26.15 0.73 0.00	29.37 0.71 0.00	33.55 0.84 0.00	46.27 1.45 0.00	64.96 2.34 0.00	80.53 3.43 0.00	71.27 3.21 0.00	60.40 2.67 0.00	72.93 3.00 0.00	44.60 1.72 0.00	34.08 1.34 0.00
LWR___OSWEGATCHIE_HYD 23850	31.86 0.47 0.00	29.97 0.23 0.00	26.82 -0.07 0.00	21.68 -0.10 0.00	16.66 -0.06 0.00	18.67 0.04 0.00	22.06 0.07 0.00	25.03 0.36 0.00	20.73 0.25 0.00	21.95 0.25 0.00	22.84 0.12 0.00	21.77 0.03 0.00	22.85 -0.04 0.00	25.40 -0.02 0.00	28.74 0.08 0.00	32.77 0.06 0.00	45.32 0.51 0.00	64.14 1.51 0.00	79.32 2.21 0.00	70.18 2.12 0.00	59.23 1.50 0.00	72.00 2.08 0.00	44.00 1.12 0.00	33.53 0.79 0.00
LYONS_FALL_HYD 23570	31.65 0.27 0.00	29.92 0.18 0.00	26.97 0.07 0.00	21.83 0.04 0.00	16.81 0.09 0.00	18.89 0.26 0.00	22.30 0.30 0.00	24.99 0.33 0.00	20.68 0.20 0.00	21.90 0.19 0.00	22.80 0.08 0.00	21.71 -0.03 0.00	22.80 -0.09 0.00	25.32 -0.10 0.00	28.57 -0.08 0.00	32.63 -0.09 0.00	45.14 0.32 0.00	63.93 1.31 0.00	79.49 2.39 0.00	70.45 2.39 0.00	59.22 1.49 0.00	71.67 1.74 0.00	43.69 0.81 0.00	33.28 0.54 0.00
MADISON___COUNTY_LFGE 323628	31.91 0.52 0.00	30.27 0.53 0.00	27.37 0.47 0.00	22.17 0.39 0.00	17.03 0.31 0.00	19.02 0.39 0.00	22.42 0.43 0.00	24.99 0.33 0.00	20.63 0.15 0.00	21.83 0.12 0.00	22.80 0.08 0.00	21.80 0.06 0.00	22.96 0.07 0.00	25.54 0.12 0.00	28.84 0.18 0.00	32.98 0.27 0.00	45.40 0.58 0.00	63.85 1.23 0.00	79.24 2.14 0.00	70.23 2.17 0.00	59.47 1.74 0.00	71.92 2.00 0.00	43.90 1.03 0.00	33.44 0.70 0.00
MALONE___115KV_TB1 356076	31.89 0.51 0.00	29.96 0.21 0.00	26.83 -0.06 0.00	21.67 -0.11 0.00	16.61 -0.11 0.00	18.44 -0.19 0.00	21.79 -0.20 0.00	24.90 0.23 0.00	20.75 0.27 0.00	22.00 0.30 0.00	22.98 0.26 0.00	21.98 0.24 0.00	23.15 0.26 0.00	25.79 0.37 0.00	29.22 0.57 0.00	33.25 0.54 0.00	45.75 0.94 0.00	64.33 1.71 0.00	78.92 1.82 0.00	69.46 1.41 0.00	59.08 1.35 0.00	71.55 1.62 0.00	44.00 1.12 0.00	33.48 0.75 0.00
MAPLEWOD_115KV_TB3 80458	31.98 0.60 0.00	30.40 0.65 0.00	27.61 0.72 0.00	22.45 0.66 0.00	17.28 0.56 0.00	19.27 0.64 0.00	22.67 0.67 0.00	25.18 0.51 0.00	20.91 0.43 0.00	22.11 0.41 0.00	23.16 0.43 0.00	22.16 0.42 0.00	23.36 0.46 0.00	25.91 0.49 0.00	29.10 0.44 0.00	33.19 0.48 0.00	45.53 0.72 0.00	63.61 0.99 0.00	78.56 1.45 0.00	69.60 1.54 0.00	58.88 1.15 0.00	71.26 1.33 0.00	43.68 0.80 0.00	33.37 0.63 0.00
MAPLE_RIDGE_WT_1 323574	31.06 -0.33 0.00	29.35 -0.39 0.00	26.49 -0.41 0.00	21.43 -0.36 0.00	16.46 -0.26 0.00	18.38 -0.25 0.00	21.77 -0.22 0.00	24.53 -0.14 0.00	20.38 -0.10 0.00	21.65 -0.05 0.00	22.64 -0.08 0.00	21.61 -0.14 0.00	22.74 -0.15 0.00	25.27 -0.15 0.00	28.50 -0.16 0.00	32.45 -0.26 0.00	44.54 -0.28 0.00	62.33 -0.29 0.00	76.77 -0.33 0.00	67.74 -0.32 0.00	57.32 -0.41 0.00	69.49 -0.43 0.00	42.61 -0.27 0.00	32.49 -0.25 0.00
MAPLE_RIDGE_WT_2 323611	31.06 -0.33 0.00	29.35 -0.39 0.00	26.49 -0.41 0.00	21.43 -0.36 0.00	16.46 -0.26 0.00	18.38 -0.25 0.00	21.77 -0.22 0.00	24.53 -0.14 0.00	20.38 -0.10 0.00	21.65 -0.05 0.00	22.64 -0.08 0.00	21.61 -0.14 0.00	22.74 -0.15 0.00	25.27 -0.15 0.00	28.50 -0.16 0.00	32.45 -0.26 0.00	44.54 -0.28 0.00	62.33 -0.29 0.00	76.77 -0.33 0.00	67.74 -0.32 0.00	57.32 -0.41 0.00	69.49 -0.43 0.00	42.61 -0.27 0.00	32.49 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	31.32 -0.06 0.00	29.48 -0.26 0.00	26.49 -0.40 0.00	21.41 -0.37 0.00	16.42 -0.30 0.00	18.22 -0.40 0.00	21.50 -0.49 0.00	24.50 -0.17 0.00	20.47 -0.01 0.00	21.71 0.00 0.00	22.66 -0.07 0.00	21.68 -0.06 0.00	22.85 -0.04 0.00	25.45 0.03 0.00	28.80 0.15 0.00	32.76 0.05 0.00	44.99 0.18 0.00	63.10 0.48 0.00	77.44 0.34 0.00	68.05 -0.01 0.00	57.80 0.08 0.00	69.95 0.02 0.00	43.03 0.16 0.00	32.86 0.12 0.00
MARSHVLE_115KV_TB1 80742	33.05 1.66 0.00	31.29 1.55 0.00	28.21 1.32 0.00	22.79 1.00 0.00	17.43 0.71 0.00	19.40 0.77 0.00	22.91 0.92 0.00	25.47 0.80 0.00	20.93 0.45 0.00	22.17 0.47 0.00	23.22 0.49 0.00	22.21 0.47 0.00	23.39 0.50 0.00	25.98 0.56 0.00	29.38 0.72 0.00	33.56 0.85 0.00	46.14 1.32 0.00	64.90 2.28 0.00	80.62 3.52 0.00	72.03 3.97 0.00	61.34 3.61 0.00	74.33 4.40 0.00	45.50 2.62 0.00	34.61 1.87 0.00
MARSH_HILL_WT_PWR 323713	31.43 0.05 0.00	30.20 0.45 0.00	27.09 0.20 0.00	21.90 0.12 0.00	16.67 -0.05 0.00	18.67 0.05 0.00	22.05 0.06 0.00	24.27 -0.40 0.00	19.86 -0.61 0.00	20.97 -0.74 0.00	21.84 -0.88 0.00	21.03 -0.71 0.00	22.18 -0.70 0.00	24.82 -0.60 0.00	28.22 -0.44 0.00	32.21 -0.50 0.00	44.13 -0.68 0.00	61.86 -0.76 0.00	76.64 -0.46 0.00	68.05 0.00 0.00	57.99 0.26 0.00	70.33 0.40 0.00	43.07 0.18 0.00	32.92 0.18 0.00
MCINTYRE_115KV_TB2 80467	32.83 1.44 0.00	30.80 1.05 0.00	27.42 0.52 0.00	22.13 0.34 0.00	16.93 0.21 0.00	18.81 0.18 0.00	22.26 0.26 0.00	25.46 0.79 0.00	21.00 0.52 0.00	22.21 0.51 0.00	23.16 0.44 0.00	22.14 0.40 0.00	23.29 0.40 0.00	25.95 0.52 0.00	29.40 0.75 0.00	33.48 0.76 0.00	46.18 1.36 0.00	65.00 2.38 0.00	79.88 2.77 0.00	70.75 2.69 0.00	60.44 2.71 0.00	73.74 3.81 0.00	45.21 2.33 0.00	34.46 1.72 0.00
MECO_____69_KV_BK1 80468	33.25 1.86 0.00	31.49 1.75 0.00	28.45 1.56 0.00	23.02 1.24 0.00	17.64 0.92 0.00	19.65 1.03 0.00	23.17 1.18 0.00	25.67 1.00 0.00	20.96 0.48 0.00	22.04 0.33 0.00	22.98 0.26 0.00	21.97 0.23 0.00	23.15 0.26 0.00	25.68 0.26 0.00	28.97 0.32 0.00	33.13 0.42 0.00	45.72 0.91 0.00	64.67 2.05 0.00	81.01 3.90 0.00	72.76 4.71 0.00	61.99 4.26 0.00	75.04 5.11 0.00	45.84 2.96 0.00	34.85 2.12 0.00
MENANDS___115KV_TB5 355628	31.79 0.41 0.00	30.23 0.48 0.00	27.47 0.58 0.00	22.35 0.56 0.00	17.21 0.49 0.00	19.18 0.56 0.00	22.56 0.56 0.00	25.07 0.40 0.00	20.81 0.33 0.00	22.03 0.32 0.00	23.07 0.35 0.00	22.09 0.34 0.00	23.27 0.38 0.00	25.81 0.39 0.00	28.98 0.32 0.00	33.03 0.32 0.00	45.26 0.44 0.00	63.14 0.52 0.00	77.91 0.80 0.00	69.03 0.97 0.00	58.39 0.66 0.00	70.67 0.74 0.00	43.35 0.47 0.00	33.14 0.40 0.00
MG INDUSTRY___DRP 24185	31.87 0.49 0.00	30.30 0.56 0.00	27.55 0.65 0.00	22.40 0.62 0.00	17.23 0.51 0.00	19.21 0.59 0.00	22.59 0.60 0.00	25.07 0.40 0.00	20.75 0.27 0.00	21.92 0.21 0.00	22.97 0.25 0.00	21.98 0.23 0.00	23.14 0.25 0.00	25.68 0.25 0.00	28.85 0.19 0.00	32.89 0.18 0.00	45.07 0.25 0.00	62.91 0.29 0.00	77.70 0.60 0.00	68.96 0.91 0.00	58.45 0.72 0.00	70.79 0.86 0.00	43.43 0.55 0.00	33.22 0.48 0.00

MID___OSWEGATCHIE_HYD 23849	31.86 0.47 0.00	29.97 0.23 0.00	26.82 -0.07 0.00	21.68 -0.10 0.00	16.66 -0.06 0.00	18.67 0.04 0.00	22.06 0.07 0.00	25.03 0.36 0.00	20.73 0.25 0.00	21.95 0.25 0.00	22.84 0.12 0.00	21.77 0.03 0.00	22.85 -0.04 0.00	25.40 -0.02 0.00	28.74 0.08 0.00	32.77 0.06 0.00	45.32 0.51 0.00	64.14 1.51 0.00	79.32 2.21 0.00	70.18 2.12 0.00	59.23 1.50 0.00	72.00 2.08 0.00	44.00 1.12 0.00	33.53 0.79 0.00
MID___RAQUETTE_HYD 23851	32.23 0.84 0.00	30.24 0.49 0.00	26.94 0.04 0.00	21.75 -0.04 0.00	16.65 -0.06 0.00	18.52 -0.10 0.00	21.93 -0.07 0.00	25.13 0.46 0.00	20.84 0.36 0.00	22.12 0.41 0.00	23.08 0.35 0.00	22.05 0.31 0.00	23.19 0.29 0.00	25.82 0.40 0.00	29.24 0.59 0.00	33.31 0.60 0.00	45.91 1.10 0.00	64.55 1.93 0.00	79.02 1.91 0.00	69.71 1.65 0.00	59.27 1.54 0.00	72.29 2.36 0.00	44.36 1.48 0.00	33.80 1.06 0.00
MILLIKEN___1 23584	31.60 0.22 0.00	30.09 0.34 0.00	27.19 0.30 0.00	22.04 0.25 0.00	16.88 0.17 0.00	18.87 0.24 0.00	22.23 0.23 0.00	24.75 0.08 0.00	20.42 -0.06 0.00	21.56 -0.15 0.00	22.49 -0.24 0.00	21.52 -0.22 0.00	22.68 -0.21 0.00	25.25 -0.17 0.00	28.53 -0.12 0.00	32.65 -0.06 0.00	44.86 0.04 0.00	62.99 0.37 0.00	78.02 0.92 0.00	69.33 1.27 0.00	58.91 1.18 0.00	71.22 1.29 0.00	43.50 0.62 0.00	33.13 0.40 0.00
MILLIKEN___2 23585	31.60 0.22 0.00	30.09 0.34 0.00	27.19 0.30 0.00	22.04 0.25 0.00	16.88 0.17 0.00	18.87 0.24 0.00	22.23 0.23 0.00	24.75 0.08 0.00	20.42 -0.06 0.00	21.56 -0.15 0.00	22.49 -0.24 0.00	21.52 -0.22 0.00	22.68 -0.21 0.00	25.25 -0.17 0.00	28.53 -0.12 0.00	32.65 -0.06 0.00	44.86 0.04 0.00	62.99 0.37 0.00	78.02 0.92 0.00	69.33 1.27 0.00	58.91 1.18 0.00	71.22 1.29 0.00	43.50 0.62 0.00	33.13 0.40 0.00
MILLIKEN___DIESEL 23629	31.60 0.22 0.00	30.09 0.34 0.00	27.19 0.30 0.00	22.04 0.25 0.00	16.88 0.17 0.00	18.87 0.24 0.00	22.23 0.23 0.00	24.75 0.08 0.00	20.42 -0.06 0.00	21.56 -0.15 0.00	22.49 -0.24 0.00	21.52 -0.22 0.00	22.68 -0.21 0.00	25.25 -0.17 0.00	28.53 -0.12 0.00	32.65 -0.06 0.00	44.86 0.04 0.00	62.99 0.37 0.00	78.02 0.92 0.00	69.33 1.27 0.00	58.91 1.18 0.00	71.22 1.29 0.00	43.50 0.62 0.00	33.13 0.40 0.00
MILLSEAT___LFGE 323607	31.27 -0.11 0.00	30.23 0.48 0.00	27.02 0.12 0.00	21.79 0.01 0.00	16.50 -0.22 0.00	18.46 -0.17 0.00	21.86 -0.13 0.00	24.06 -0.61 0.00	19.79 -0.69 0.00	21.02 -0.69 0.00	21.90 -0.83 0.00	21.10 -0.64 0.00	22.26 -0.63 0.00	24.91 -0.51 0.00	28.48 -0.18 0.00	32.32 -0.39 0.00	44.27 -0.55 0.00	61.92 -0.70 0.00	76.20 -0.90 0.00	67.44 -0.62 0.00	57.20 -0.53 0.00	69.12 -0.81 0.00	42.80 -0.08 0.00	32.63 -0.11 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.40 1.02 0.00	30.85 1.11 0.00	27.94 1.05 0.00	22.67 0.89 0.00	17.43 0.71 0.00	19.46 0.84 0.00	22.86 0.87 0.00	25.40 0.73 0.00	21.18 0.70 0.00	22.51 0.81 0.00	23.79 1.07 0.00	22.88 1.14 0.00	24.11 1.22 0.00	26.80 1.37 0.00	30.09 1.43 0.00	34.29 1.58 0.00	46.66 1.85 0.00	64.79 2.17 0.00	79.82 2.71 0.00	70.34 2.28 0.00	59.36 1.63 0.00	72.05 2.12 0.00	44.15 1.27 0.00	33.77 1.03 0.00
MILLWOOD_13_KV_LOAD 356217	32.45 1.07 0.00	30.89 1.15 0.00	27.97 1.08 0.00	22.70 0.91 0.00	17.45 0.73 0.00	19.48 0.85 0.00	22.88 0.89 0.00	25.42 0.75 0.00	21.20 0.72 0.00	22.53 0.83 0.00	23.81 1.09 0.00	22.91 1.17 0.00	24.14 1.24 0.00	26.82 1.40 0.00	30.12 1.47 0.00	34.35 1.64 0.00	46.75 1.94 0.00	64.92 2.30 0.00	79.98 2.87 0.00	70.48 2.43 0.00	59.49 1.76 0.00	72.19 2.26 0.00	44.24 1.36 0.00	33.83 1.09 0.00
MODEL_CITY_ENERGY 24167	30.53 -0.86 0.00	29.63 -0.12 0.00	26.46 -0.43 0.00	21.34 -0.44 0.00	16.11 -0.61 0.00	18.02 -0.61 0.00	21.37 -0.63 0.00	23.49 -1.18 0.00	19.35 -1.12 0.00	20.62 -1.08 0.00	21.51 -1.21 0.00	20.75 -0.99 0.00	21.86 -1.03 0.00	24.47 -0.96 0.00	27.99 -0.66 0.00	31.61 -1.10 0.00	43.14 -1.68 0.00	60.03 -2.59 0.00	73.45 -3.66 0.00	64.73 -3.32 0.00	54.86 -2.87 0.00	66.35 -3.58 0.00	41.39 -1.49 0.00	31.68 -1.06 0.00
MODERN_LFGE___ 323580	30.53 -0.86 0.00	29.63 -0.12 0.00	26.46 -0.43 0.00	21.34 -0.44 0.00	16.11 -0.61 0.00	18.02 -0.61 0.00	21.37 -0.63 0.00	23.49 -1.18 0.00	19.35 -1.12 0.00	20.62 -1.08 0.00	21.51 -1.21 0.00	20.75 -0.99 0.00	21.86 -1.03 0.00	24.47 -0.96 0.00	27.99 -0.66 0.00	31.61 -1.10 0.00	43.14 -1.68 0.00	60.03 -2.59 0.00	73.45 -3.66 0.00	64.73 -3.32 0.00	54.86 -2.87 0.00	66.35 -3.58 0.00	41.39 -1.49 0.00	31.68 -1.06 0.00
MOHAWK_PAPER___DRP 24187	31.98 0.60 0.00	30.40 0.65 0.00	27.61 0.72 0.00	22.45 0.66 0.00	17.28 0.56 0.00	19.27 0.64 0.00	22.67 0.67 0.00	25.18 0.51 0.00	20.91 0.43 0.00	22.11 0.41 0.00	23.16 0.43 0.00	22.16 0.42 0.00	23.36 0.46 0.00	25.91 0.49 0.00	29.10 0.44 0.00	33.19 0.48 0.00	45.53 0.72 0.00	63.61 0.99 0.00	78.56 1.45 0.00	69.60 1.54 0.00	58.88 1.15 0.00	71.26 1.33 0.00	43.68 0.80 0.00	33.37 0.63 0.00
MOHICAN___35_KV_115KV_LD 80490	32.86 1.48 0.00	31.16 1.42 0.00	28.32 1.42 0.00	23.05 1.27 0.00	17.71 0.99 0.00	19.77 1.15 0.00	23.26 1.27 0.00	25.82 1.15 0.00	21.37 0.89 0.00	22.50 0.79 0.00	23.40 0.67 0.00	22.32 0.58 0.00	23.50 0.61 0.00	26.04 0.62 0.00	29.20 0.55 0.00	33.39 0.68 0.00	46.22 1.40 0.00	65.22 2.60 0.00	81.40 4.30 0.00	72.28 4.22 0.00	61.23 3.50 0.00	73.91 3.98 0.00	45.06 2.18 0.00	34.41 1.67 0.00
MONGAUP___HYD 23641	32.42 1.03 0.00	30.83 1.09 0.00	27.89 0.99 0.00	22.61 0.82 0.00	17.37 0.65 0.00	19.39 0.76 0.00	22.80 0.81 0.00	25.34 0.67 0.00	21.01 0.53 0.00	22.16 0.46 0.00	23.31 0.59 0.00	22.39 0.65 0.00	23.60 0.70 0.00	26.23 0.81 0.00	29.48 0.82 0.00	33.63 0.92 0.00	45.96 1.14 0.00	64.33 1.71 0.00	79.76 2.66 0.00	70.80 2.74 0.00	59.97 2.24 0.00	72.69 2.76 0.00	44.43 1.55 0.00	33.89 1.15 0.00
MONTAUK___DIESEL 23721	33.98 2.59 0.00	32.33 2.58 0.00	29.25 2.36 0.00	23.65 1.86 0.00	18.16 1.44 0.00	20.23 1.61 0.00	23.69 1.70 0.00	26.40 1.73 0.00	22.01 1.53 0.00	23.64 1.93 0.00	25.47 2.75 0.00	24.74 3.00 0.00	27.14 3.23 -1.02	45.43 3.72 -16.29	46.48 4.18 -13.65	42.33 4.43 -5.18	50.31 5.49 0.00	69.56 6.94 0.00	85.85 8.75 0.00	75.08 7.02 0.00	63.26 5.53 0.00	77.15 7.22 0.00	46.59 3.71 0.00	35.38 2.64 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.31 -0.08 0.00	30.25 0.50 0.00	27.04 0.14 0.00	21.83 0.05 0.00	16.58 -0.14 0.00	18.64 0.01 0.00	22.07 0.07 0.00	24.33 -0.34 0.00	20.07 -0.41 0.00	21.30 -0.41 0.00	22.21 -0.51 0.00	21.45 -0.29 0.00	22.59 -0.30 0.00	25.32 -0.10 0.00	28.90 0.24 0.00	32.87 0.16 0.00	44.72 -0.10 0.00	62.59 -0.03 0.00	76.75 -0.35 0.00	67.92 -0.14 0.00	57.75 0.02 0.00	69.99 0.06 0.00	43.01 0.13 0.00	32.87 0.13 0.00

MORRIS_RIDGE___SOLAR 323848	31.00 -0.38 0.00	29.85 0.11 0.00	26.77 -0.13 0.00	21.63 -0.16 0.00	16.45 -0.27 0.00	18.43 -0.19 0.00	21.78 -0.21 0.00	23.95 -0.72 0.00	19.60 -0.88 0.00	20.70 -1.00 0.00	21.57 -1.15 0.00	20.78 -0.96 0.00	21.90 -0.99 0.00	24.51 -0.91 0.00	27.89 -0.77 0.00	31.79 -0.92 0.00	43.49 -1.32 0.00	60.85 -1.77 0.00	75.22 -1.88 0.00	66.92 -1.14 0.00	56.99 -0.74 0.00	69.03 -0.90 0.00	42.43 -0.45 0.00	32.45 -0.29 0.00
MORTIMER_115KV_TB3 55949	31.16 -0.23 0.00	29.85 0.10 0.00	26.85 -0.04 0.00	21.71 -0.08 0.00	16.56 -0.16 0.00	18.49 -0.13 0.00	21.85 -0.14 0.00	24.23 -0.44 0.00	20.02 -0.45 0.00	21.27 -0.43 0.00	22.23 -0.49 0.00	21.36 -0.38 0.00	22.52 -0.37 0.00	25.17 -0.26 0.00	28.62 -0.04 0.00	32.66 -0.05 0.00	44.81 0.00 0.00	62.71 0.09 0.00	77.20 0.10 0.00	68.15 0.09 0.00	57.68 -0.05 0.00	69.66 -0.27 0.00	42.81 -0.07 0.00	32.57 -0.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.70 1.31 0.00	31.13 1.39 0.00	28.20 1.31 0.00	22.88 1.10 0.00	17.59 0.87 0.00	19.64 1.01 0.00	23.05 1.06 0.00	25.60 0.93 0.00	21.36 0.89 0.00	22.72 1.01 0.00	24.04 1.31 0.00	23.14 1.40 0.00	24.37 1.48 0.00	27.07 1.66 0.00	30.39 1.73 0.00	34.64 1.92 0.00	47.06 2.25 0.00	65.23 2.61 0.00	80.31 3.21 0.00	70.74 2.68 0.00	59.68 1.95 0.00	72.46 2.53 0.00	44.47 1.59 0.00	34.05 1.31 0.00
MUNSVILLE_WIND_PWR 323609	33.22 1.83 0.00	31.57 1.83 0.00	28.46 1.57 0.00	23.01 1.23 0.00	17.63 0.91 0.00	19.74 1.12 0.00	23.29 1.29 0.00	25.86 1.19 0.00	21.25 0.77 0.00	22.44 0.73 0.00	23.45 0.73 0.00	22.48 0.74 0.00	23.74 0.85 0.00	26.44 1.02 0.00	29.92 1.27 0.00	34.26 1.55 0.00	47.29 2.48 0.00	66.54 3.92 0.00	82.64 5.53 0.00	73.63 5.57 0.00	62.45 4.72 0.00	75.63 5.71 0.00	46.00 3.12 0.00	34.96 2.22 0.00
N SALMON___HYD 24042	31.90 0.51 0.00	29.96 0.21 0.00	26.83 -0.06 0.00	21.67 -0.11 0.00	16.61 -0.11 0.00	18.44 -0.19 0.00	21.79 -0.20 0.00	24.90 0.23 0.00	20.75 0.27 0.00	22.00 0.30 0.00	22.98 0.26 0.00	21.98 0.24 0.00	23.15 0.26 0.00	25.79 0.37 0.00	29.22 0.57 0.00	33.25 0.54 0.00	45.75 0.93 0.00	64.33 1.71 0.00	78.92 1.82 0.00	69.47 1.41 0.00	59.08 1.35 0.00	71.55 1.62 0.00	44.00 1.12 0.00	33.48 0.75 0.00
N.AKRON__115KV_KNAPP 355671	31.14 -0.25 0.00	30.13 0.38 0.00	26.92 0.03 0.00	21.71 -0.07 0.00	16.43 -0.29 0.00	18.38 -0.25 0.00	21.78 -0.22 0.00	23.95 -0.71 0.00	19.72 -0.76 0.00	20.97 -0.74 0.00	21.86 -0.86 0.00	21.09 -0.65 0.00	22.25 -0.64 0.00	24.86 -0.55 0.00	28.44 -0.21 0.00	32.30 -0.42 0.00	44.13 -0.69 0.00	61.62 -1.01 0.00	75.71 -1.40 0.00	66.91 -1.15 0.00	56.69 -1.04 0.00	68.55 -1.38 0.00	42.53 -0.35 0.00	32.45 -0.29 0.00
N.E_GEN_SANDY PD 24062	32.06 0.68 0.00	30.51 0.76 0.00	27.72 0.83 0.00	22.55 0.77 0.00	17.38 0.66 0.00	19.40 0.77 0.00	22.80 0.81 0.00	25.33 0.66 0.00	21.07 0.59 0.00	22.29 0.59 0.00	23.39 0.66 0.00	22.37 0.63 0.00	23.57 0.68 0.00	26.13 0.71 0.00	29.25 0.60 0.00	33.28 0.57 0.00	47.43 0.83 -1.79	63.15 1.01 0.48	78.51 1.41 0.00	69.88 1.48 -0.34	58.78 1.05 0.00	70.93 1.24 0.24	43.21 0.75 0.42	32.73 0.64 0.64
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.35 0.96 0.00	30.81 1.06 0.00	27.88 0.99 0.00	22.62 0.83 0.00	17.38 0.66 0.00	19.41 0.78 0.00	22.80 0.80 0.00	25.33 0.66 0.00	21.13 0.66 0.00	22.47 0.77 0.00	23.75 1.02 0.00	22.84 1.10 0.00	24.07 1.18 0.00	26.77 1.35 0.00	30.09 1.43 0.00	34.30 1.59 0.00	46.63 1.81 0.00	64.78 2.16 0.00	79.82 2.71 0.00	70.31 2.25 0.00	59.31 1.58 0.00	71.99 2.06 0.00	44.08 1.20 0.00	33.72 0.99 0.00
N.QUEENS_27_KV_LOAD 356247	32.76 1.38 0.00	31.18 1.45 0.02	28.25 1.36 0.01	22.89 1.13 0.02	17.60 0.90 0.02	19.64 1.04 0.02	23.08 1.10 0.02	25.63 0.97 0.01	21.37 0.90 0.01	22.79 1.08 0.00	24.15 1.42 0.00	23.23 1.49 0.00	24.48 1.59 0.00	27.19 1.77 0.00	30.51 1.85 0.00	34.70 1.99 0.00	47.06 2.25 0.00	65.23 2.61 0.00	80.38 3.28 0.00	70.81 2.75 0.00	59.73 2.00 0.00	72.61 2.68 0.00	44.68 1.80 0.00	34.13 1.40 0.01
N.TROY___115KV_TB1 355778	32.16 0.77 0.00	30.56 0.82 0.00	27.76 0.87 0.00	22.58 0.79 0.00	17.39 0.67 0.00	19.39 0.77 0.00	22.82 0.82 0.00	25.35 0.68 0.00	21.03 0.56 0.00	22.23 0.52 0.00	23.24 0.52 0.00	22.21 0.46 0.00	23.40 0.51 0.00	25.94 0.52 0.00	29.10 0.44 0.00	33.17 0.46 0.00	45.61 0.79 0.00	63.76 1.14 0.00	78.84 1.74 0.00	69.92 1.86 0.00	59.16 1.43 0.00	71.55 1.63 0.00	43.87 0.99 0.00	33.53 0.80 0.00
NARROWS_GT1_1 24228	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT1_2 24229	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT1_3 24230	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT1_4 24231	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT1_5 24232	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01

NARROWS_GT1_6 24233	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT1_7 24234	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT1_8 24235	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT2_1 24236	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT2_2 24237	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT2_3 24238	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT2_4 24239	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT2_5 24240	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT2_6 24241	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT2_7 24242	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NARROWS_GT2_8 24243	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.26 0.88 0.00	30.63 0.89 0.00	27.84 0.94 0.00	22.63 0.85 0.00	17.42 0.70 0.00	19.41 0.79 0.00	22.83 0.85 0.00	25.35 0.68 0.00	20.95 0.47 0.00	22.09 0.39 0.00	23.11 0.38 0.00	22.11 0.37 0.00	23.31 0.42 0.00	25.87 0.45 0.00	29.09 0.43 0.00	33.22 0.50 0.00	45.61 0.79 0.00	63.89 1.27 0.00	79.27 2.17 0.00	70.58 2.52 0.00	59.87 2.14 0.00	72.37 2.45 0.00	44.26 1.39 0.00	33.75 1.02 0.00
NCHELSEA_115KV_TR2 355582	32.54 1.15 0.00	30.95 1.21 0.00	28.04 1.15 0.00	22.76 0.97 0.00	17.50 0.78 0.00	19.53 0.90 0.00	22.94 0.95 0.00	25.51 0.84 0.00	21.25 0.78 0.00	22.57 0.86 0.00	23.80 1.08 0.00	22.87 1.13 0.00	24.12 1.22 0.00	26.82 1.40 0.00	30.14 1.49 0.00	34.38 1.67 0.00	46.96 2.15 0.00	65.42 2.79 0.00	80.61 3.51 0.00	71.10 3.04 0.00	60.02 2.29 0.00	72.74 2.82 0.00	44.50 1.62 0.00	33.98 1.24 0.00
NEG CAPITAL___MECHNVIL 23645	32.64 1.26 0.00	30.99 1.25 0.00	28.13 1.23 0.00	22.86 1.08 0.00	17.58 0.86 0.00	19.61 0.98 0.00	23.08 1.09 0.00	25.64 0.97 0.00	21.24 0.77 0.00	22.43 0.73 0.00	23.44 0.71 0.00	22.39 0.65 0.00	23.62 0.73 0.00	26.20 0.78 0.00	29.44 0.78 0.00	33.63 0.92 0.00	46.35 1.53 0.00	65.01 2.39 0.00	80.60 3.50 0.00	71.40 3.35 0.00	60.48 2.75 0.00	73.03 3.10 0.00	44.69 1.81 0.00	34.12 1.38 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.59 -0.80 0.00	29.24 -0.50 0.00	26.34 -0.55 0.00	21.31 -0.47 0.00	16.28 -0.44 0.00	18.17 -0.45 0.00	21.47 -0.53 0.00	23.83 -0.85 0.00	19.69 -0.78 0.00	20.91 -0.79 0.00	21.85 -0.87 0.00	20.97 -0.77 0.00	22.12 -0.77 0.00	24.69 -0.73 0.00	28.05 -0.61 0.00	32.04 -0.67 0.00	44.03 -0.79 0.00	61.71 -0.91 0.00	76.07 -1.04 0.00	67.14 -0.91 0.00	56.79 -0.93 0.00	68.55 -1.38 0.00	42.05 -0.83 0.00	32.01 -0.72 0.00

NEG CENTRAL___DRP 24199	31.30 -0.08 0.00	29.87 0.12 0.00	26.96 0.06 0.00	21.83 0.05 0.00	16.71 -0.01 0.00	18.67 0.04 0.00	22.01 0.02 0.00	24.47 -0.20 0.00	20.18 -0.30 0.00	21.32 -0.39 0.00	22.25 -0.48 0.00	21.31 -0.43 0.00	22.47 -0.42 0.00	25.06 -0.36 0.00	28.37 -0.29 0.00	32.46 -0.25 0.00	44.50 -0.31 0.00	62.47 -0.15 0.00	77.35 0.25 0.00	68.60 0.54 0.00	58.21 0.48 0.00	70.28 0.35 0.00	42.98 0.10 0.00	32.81 0.07 0.00
NEG CENTRAL___INDECK 23768	32.16 0.78 0.00	30.82 1.08 0.00	27.66 0.76 0.00	22.35 0.57 0.00	17.02 0.31 0.00	19.04 0.41 0.00	22.52 0.53 0.00	24.80 0.13 0.00	20.21 -0.27 0.00	21.38 -0.33 0.00	22.32 -0.40 0.00	21.47 -0.27 0.00	22.67 -0.22 0.00	25.35 -0.07 0.00	28.86 0.20 0.00	32.94 0.22 0.00	45.21 0.40 0.00	63.43 0.81 0.00	78.47 1.37 0.00	70.09 2.03 0.00	59.83 2.10 0.00	72.42 2.49 0.00	44.38 1.50 0.00	33.72 0.98 0.00
NEG CENTRAL___SENECA 23627	31.40 0.01 0.00	30.00 0.26 0.00	27.02 0.12 0.00	21.88 0.09 0.00	16.72 0.00 0.00	18.70 0.08 0.00	22.07 0.08 0.00	24.49 -0.18 0.00	20.17 -0.31 0.00	21.29 -0.42 0.00	22.20 -0.52 0.00	21.30 -0.44 0.00	22.48 -0.41 0.00	25.09 -0.33 0.00	28.44 -0.21 0.00	32.55 -0.16 0.00	44.54 -0.27 0.00	62.60 -0.02 0.00	77.59 0.49 0.00	68.84 0.78 0.00	58.41 0.68 0.00	70.50 0.57 0.00	43.10 0.22 0.00	32.95 0.22 0.00
NEG CENTRAL___STATE_STREET 24147	31.33 -0.05 0.00	29.85 0.11 0.00	27.06 0.16 0.00	21.91 0.12 0.00	16.81 0.08 0.00	18.77 0.14 0.00	22.06 0.07 0.00	24.61 -0.06 0.00	20.33 -0.15 0.00	21.49 -0.22 0.00	22.44 -0.29 0.00	21.47 -0.27 0.00	22.62 -0.27 0.00	25.18 -0.23 0.00	28.46 -0.19 0.00	32.53 -0.18 0.00	44.71 -0.10 0.00	62.74 0.12 0.00	77.33 0.23 0.00	68.73 0.67 0.00	58.35 0.62 0.00	70.48 0.55 0.00	43.11 0.23 0.00	32.82 0.08 0.00
NEG MILLWOOD___DRP 24198	32.60 1.22 0.00	31.02 1.27 0.00	28.10 1.20 0.00	22.80 1.02 0.00	17.53 0.81 0.00	19.57 0.95 0.00	22.99 1.00 0.00	25.57 0.90 0.00	21.32 0.84 0.00	22.65 0.95 0.00	23.92 1.19 0.00	22.99 1.25 0.00	24.24 1.34 0.00	26.96 1.54 0.00	30.29 1.63 0.00	34.54 1.83 0.00	47.17 2.36 0.00	65.62 3.00 0.00	80.83 3.73 0.00	71.27 3.21 0.00	60.15 2.42 0.00	72.89 2.96 0.00	44.61 1.73 0.00	34.04 1.30 0.00
NEG NORTH_FLCN_SEA 23793	31.62 0.23 0.00	29.79 0.05 0.00	26.80 -0.10 0.00	21.66 -0.13 0.00	16.61 -0.12 0.00	18.44 -0.19 0.00	21.73 -0.26 0.00	24.73 0.06 0.00	20.71 0.23 0.00	21.91 0.20 0.00	22.85 0.12 0.00	21.87 0.12 0.00	23.07 0.18 0.00	25.65 0.22 0.00	28.98 0.32 0.00	32.93 0.22 0.00	45.08 0.27 0.00	63.22 0.59 0.00	77.67 0.67 0.00	68.25 0.19 0.00	57.94 0.20 0.00	69.89 -0.04 0.00	43.09 0.21 0.00	33.04 0.31 0.00
NEG NORTH_KES_CHATEGAY 23792	31.39 0.01 0.00	29.52 -0.22 0.00	26.51 -0.38 0.00	21.42 -0.37 0.00	16.41 -0.30 0.00	18.21 -0.41 0.00	21.50 -0.49 0.00	24.53 -0.14 0.00	20.45 -0.02 0.00	21.70 -0.01 0.00	22.65 -0.08 0.00	21.67 -0.07 0.00	22.83 -0.06 0.00	25.45 0.03 0.00	28.81 0.15 0.00	32.76 0.05 0.00	45.02 0.21 0.00	63.14 0.52 0.00	77.50 0.40 0.00	68.14 0.08 0.00	58.00 0.27 0.00	70.20 0.27 0.00	43.19 0.31 0.00	32.92 0.18 0.00
NEG NORTH___ALICE_FALLS 23915	31.71 0.32 0.00	29.86 0.12 0.00	26.84 -0.06 0.00	21.69 -0.10 0.00	16.63 -0.09 0.00	18.46 -0.17 0.00	21.76 -0.24 0.00	24.76 0.09 0.00	20.70 0.23 0.00	21.91 0.20 0.00	22.85 0.13 0.00	21.87 0.13 0.00	23.08 0.18 0.00	25.68 0.25 0.00	29.05 0.39 0.00	33.05 0.34 0.00	45.32 0.51 0.00	63.66 1.04 0.00	78.27 1.16 0.00	68.85 0.78 0.00	58.48 0.75 0.00	70.55 0.62 0.00	43.47 0.59 0.00	33.24 0.51 0.00
NEG NORTH___LWR_SARANAC 23913	31.71 0.32 0.00	29.86 0.12 0.00	26.84 -0.06 0.00	21.69 -0.10 0.00	16.63 -0.09 0.00	18.46 -0.17 0.00	21.76 -0.24 0.00	24.76 0.09 0.00	20.70 0.23 0.00	21.91 0.20 0.00	22.85 0.13 0.00	21.87 0.13 0.00	23.08 0.18 0.00	25.68 0.25 0.00	29.05 0.39 0.00	33.05 0.34 0.00	45.32 0.51 0.00	63.66 1.04 0.00	78.27 1.16 0.00	68.85 0.78 0.00	58.48 0.75 0.00	70.55 0.62 0.00	43.47 0.59 0.00	33.24 0.51 0.00
NEG NORTH___PLATTSBURG 23628	31.71 0.32 0.00	29.86 0.12 0.00	26.84 -0.06 0.00	21.69 -0.10 0.00	16.63 -0.09 0.00	18.46 -0.17 0.00	21.76 -0.24 0.00	24.76 0.09 0.00	20.70 0.23 0.00	21.91 0.20 0.00	22.85 0.13 0.00	21.87 0.13 0.00	23.08 0.18 0.00	25.68 0.26 0.00	29.05 0.39 0.00	33.05 0.34 0.00	45.33 0.51 0.00	63.66 1.04 0.00	78.27 1.16 0.00	68.85 0.79 0.00	58.48 0.75 0.00	70.55 0.62 0.00	43.47 0.59 0.00	33.24 0.51 0.00
NEG WEST_LEA_LOCKPORT 23791	30.71 -0.67 0.00	29.78 0.03 0.00	26.61 -0.29 0.00	21.46 -0.33 0.00	16.22 -0.50 0.00	18.14 -0.48 0.00	21.50 -0.49 0.00	23.65 -1.02 0.00	19.49 -0.99 0.00	20.76 -0.95 0.00	21.65 -1.07 0.00	20.89 -0.85 0.00	22.00 -0.89 0.00	24.63 -0.79 0.00	28.18 -0.47 0.00	31.92 -0.79 0.00	43.56 -1.26 0.00	60.66 -1.96 0.00	74.25 -2.85 0.00	65.48 -2.58 0.00	55.48 -2.25 0.00	67.10 -2.82 0.00	41.76 -1.12 0.00	31.93 -0.80 0.00
NEG WEST___LANCASTR 23811	30.67 -0.71 0.00	29.65 -0.09 0.00	26.54 -0.35 0.00	21.42 -0.36 0.00	16.27 -0.45 0.00	18.24 -0.39 0.00	21.59 -0.40 0.00	23.80 -0.87 0.00	19.65 -0.83 0.00	20.90 -0.81 0.00	21.79 -0.93 0.00	21.00 -0.74 0.00	22.13 -0.76 0.00	24.78 -0.65 0.00	28.30 -0.35 0.00	32.19 -0.52 0.00	43.90 -0.91 0.00	61.20 -1.42 0.00	74.97 -2.14 0.00	66.10 -1.96 0.00	56.02 -1.71 0.00	67.80 -2.13 0.00	41.91 -0.97 0.00	32.04 -0.69 0.00
NEG_PENN_ALLEGHNY 23528	31.30 -0.09 0.00	29.85 0.11 0.00	26.94 0.05 0.00	21.83 0.05 0.00	16.72 0.00 0.00	18.71 0.08 0.00	22.07 0.07 0.00	24.55 -0.11 0.00	20.32 -0.16 0.00	21.49 -0.21 0.00	22.49 -0.24 0.00	21.57 -0.17 0.00	22.74 -0.15 0.00	25.33 -0.09 0.00	28.63 -0.03 0.00	32.73 0.02 0.00	44.80 -0.02 0.00	62.67 0.05 0.00	77.36 0.25 0.00	68.36 0.31 0.00	58.00 0.27 0.00	70.23 0.30 0.00	42.90 0.02 0.00	32.75 0.02 0.00
NEG___GEN_MONROE 24207	31.34 -0.04 0.00	30.07 0.32 0.00	27.02 0.13 0.00	21.84 0.05 0.00	16.63 -0.09 0.00	18.58 -0.05 0.00	21.97 -0.03 0.00	24.31 -0.35 0.00	20.05 -0.42 0.00	21.29 -0.41 0.00	22.23 -0.49 0.00	21.36 -0.38 0.00	22.53 -0.37 0.00	25.17 -0.25 0.00	28.66 0.00 0.00	32.70 -0.01 0.00	44.89 0.08 0.00	62.88 0.26 0.00	77.49 0.39 0.00	68.52 0.46 0.00	58.04 0.31 0.00	70.07 0.14 0.00	43.09 0.21 0.00	32.79 0.06 0.00
NEPA___ENERGY 23901	30.52 -0.87 0.00	29.49 -0.25 0.00	26.40 -0.50 0.00	21.34 -0.44 0.00	16.22 -0.50 0.00	18.27 -0.35 0.00	21.60 -0.39 0.00	23.85 -0.82 0.00	19.70 -0.78 0.00	20.85 -0.85 0.00	21.76 -0.96 0.00	21.01 -0.73 0.00	22.14 -0.75 0.00	24.82 -0.60 0.00	28.28 -0.38 0.00	32.25 -0.46 0.00	43.84 -0.97 0.00	61.13 -1.49 0.00	74.93 -2.17 0.00	66.09 -1.97 0.00	56.18 -1.55 0.00	68.18 -1.74 0.00	41.78 -1.10 0.00	32.02 -0.72 0.00

NEVERSINK___HYD 23608	31.94 0.56 0.00	30.36 0.62 0.00	27.46 0.56 0.00	22.26 0.48 0.00	17.10 0.38 0.00	19.09 0.47 0.00	22.45 0.46 0.00	24.99 0.32 0.00	20.80 0.32 0.00	22.06 0.36 0.00	23.21 0.49 0.00	22.29 0.55 0.00	23.48 0.59 0.00	26.00 0.58 0.00	28.55 -0.11 0.00	32.65 -0.06 0.00	44.69 -0.12 0.00	62.44 -0.18 0.00	77.11 0.01 0.00	68.26 0.20 0.00	59.19 1.46 0.00	71.73 1.80 0.00	43.84 0.96 0.00	33.41 0.67 0.00
NEWKRMKL_115KV_TB1 55635	31.67 0.28 0.00	30.10 0.35 0.00	27.36 0.47 0.00	22.26 0.48 0.00	17.13 0.41 0.00	19.09 0.47 0.00	22.45 0.46 0.00	24.95 0.28 0.00	20.72 0.25 0.00	21.92 0.22 0.00	22.98 0.25 0.00	22.00 0.25 0.00	23.19 0.29 0.00	25.72 0.30 0.00	28.89 0.24 0.00	32.95 0.23 0.00	45.10 0.28 0.00	62.94 0.32 0.00	77.65 0.55 0.00	68.78 0.72 0.00	58.18 0.45 0.00	70.44 0.51 0.00	43.20 0.32 0.00	33.03 0.29 0.00
NEWTON___FALLS_HYD 23847	31.86 0.47 0.00	29.97 0.23 0.00	26.82 -0.07 0.00	21.68 -0.10 0.00	16.66 -0.06 0.00	18.67 0.04 0.00	22.06 0.07 0.00	25.03 0.36 0.00	20.73 0.25 0.00	21.95 0.25 0.00	22.84 0.12 0.00	21.77 0.03 0.00	22.85 -0.04 0.00	25.40 -0.02 0.00	28.74 0.08 0.00	32.77 0.06 0.00	45.32 0.51 0.00	64.14 1.51 0.00	79.32 2.21 0.00	70.18 2.12 0.00	59.23 1.50 0.00	72.00 2.08 0.00	44.00 1.12 0.00	33.53 0.79 0.00
NGRID_A1_DSASP 323792	30.20 -1.19 0.00	29.30 -0.44 0.00	26.18 -0.72 0.00	21.11 -0.67 0.00	15.99 -0.73 0.00	17.89 -0.74 0.00	21.21 -0.78 0.00	23.33 -1.34 0.00	19.25 -1.23 0.00	20.53 -1.18 0.00	21.42 -1.30 0.00	20.66 -1.08 0.00	21.76 -1.13 0.00	24.36 -1.07 0.00	27.86 -0.79 0.00	31.56 -1.15 0.00	43.05 -1.77 0.00	59.77 -2.86 0.00	72.67 -4.43 0.00	63.98 -4.08 0.00	54.19 -3.54 0.00	65.56 -4.37 0.00	40.82 -2.06 0.00	31.22 -1.51 0.00
NGRID_A2_DSASP 323793	30.20 -1.19 0.00	29.30 -0.44 0.00	26.18 -0.72 0.00	21.11 -0.67 0.00	15.99 -0.73 0.00	17.89 -0.74 0.00	21.21 -0.78 0.00	23.33 -1.34 0.00	19.25 -1.23 0.00	20.53 -1.18 0.00	21.42 -1.30 0.00	20.66 -1.08 0.00	21.76 -1.13 0.00	24.36 -1.07 0.00	27.86 -0.79 0.00	31.56 -1.15 0.00	43.05 -1.77 0.00	59.77 -2.86 0.00	72.67 -4.43 0.00	63.98 -4.08 0.00	54.19 -3.54 0.00	65.56 -4.37 0.00	40.82 -2.06 0.00	31.22 -1.51 0.00
NGRID_A4_DSASP 323807	30.20 -1.19 0.00	29.30 -0.44 0.00	26.18 -0.72 0.00	21.11 -0.67 0.00	15.99 -0.73 0.00	17.89 -0.74 0.00	21.21 -0.78 0.00	23.33 -1.34 0.00	19.25 -1.23 0.00	20.53 -1.18 0.00	21.42 -1.30 0.00	20.66 -1.08 0.00	21.76 -1.13 0.00	24.36 -1.07 0.00	27.86 -0.79 0.00	31.56 -1.15 0.00	43.05 -1.77 0.00	59.77 -2.86 0.00	72.67 -4.43 0.00	63.98 -4.08 0.00	54.19 -3.54 0.00	65.56 -4.37 0.00	40.82 -2.06 0.00	31.22 -1.51 0.00
NIAGARA_115E_LBMP 323715	30.40 -0.98 0.00	29.54 -0.21 0.00	26.38 -0.51 0.00	21.27 -0.51 0.00	16.05 -0.67 0.00	17.94 -0.68 0.00	21.27 -0.72 0.00	23.40 -1.26 0.00	19.28 -1.20 0.00	20.55 -1.15 0.00	21.43 -1.29 0.00	20.67 -1.07 0.00	21.76 -1.13 0.00	24.37 -1.05 0.00	27.88 -0.78 0.00	31.45 -1.26 0.00	42.88 -1.94 0.00	59.65 -2.97 0.00	72.97 -4.14 0.00	64.27 -3.79 0.00	54.46 -3.27 0.00	65.90 -4.03 0.00	41.16 -1.72 0.00	31.53 -1.21 0.00
NIAGARA_115W_LBMP 323714	30.14 -1.25 0.00	29.23 -0.51 0.00	26.12 -0.77 0.00	21.07 -0.72 0.00	15.96 -0.76 0.00	17.86 -0.77 0.00	21.17 -0.83 0.00	23.28 -1.38 0.00	19.21 -1.27 0.00	20.49 -1.22 0.00	21.38 -1.35 0.00	20.62 -1.12 0.00	21.70 -1.19 0.00	24.30 -1.12 0.00	27.80 -0.85 0.00	31.48 -1.23 0.00	42.93 -1.89 0.00	59.61 -3.01 0.00	72.45 -4.66 0.00	63.79 -4.27 0.00	54.03 -3.69 0.00	65.38 -4.55 0.00	40.70 -2.18 0.00	31.14 -1.60 0.00
NIAGARA_230_LBMP 323716	30.37 -1.02 0.00	29.44 -0.30 0.00	26.32 -0.58 0.00	21.23 -0.55 0.00	16.08 -0.64 0.00	17.99 -0.63 0.00	21.33 -0.67 0.00	23.46 -1.20 0.00	19.36 -1.11 0.00	20.64 -1.06 0.00	21.53 -1.19 0.00	20.75 -0.99 0.00	21.85 -1.04 0.00	24.46 -0.97 0.00	27.96 -0.70 0.00	31.68 -1.04 0.00	43.20 -1.61 0.00	60.10 -2.53 0.00	73.42 -3.69 0.00	64.66 -3.39 0.00	54.78 -2.95 0.00	66.29 -3.64 0.00	41.22 -1.66 0.00	31.53 -1.20 0.00
NIAGARA___115KV_198_GIBSON 55903	30.14 -1.25 0.00	29.23 -0.51 0.00	26.12 -0.77 0.00	21.07 -0.72 0.00	15.96 -0.76 0.00	17.85 -0.78 0.00	21.17 -0.83 0.00	23.28 -1.39 0.00	19.20 -1.27 0.00	20.49 -1.22 0.00	21.38 -1.34 0.00	20.62 -1.12 0.00	21.70 -1.19 0.00	24.30 -1.12 0.00	27.79 -0.86 0.00	31.49 -1.22 0.00	42.93 -1.88 0.00	59.61 -3.01 0.00	72.45 -4.65 0.00	63.79 -4.27 0.00	54.04 -3.69 0.00	65.38 -4.55 0.00	40.70 -2.18 0.00	31.14 -1.60 0.00
NIAGARA____ 23760	30.37 -1.02 0.00	29.44 -0.30 0.00	26.32 -0.58 0.00	21.23 -0.55 0.00	16.08 -0.64 0.00	17.99 -0.63 0.00	21.33 -0.67 0.00	23.46 -1.20 0.00	19.36 -1.11 0.00	20.64 -1.06 0.00	21.53 -1.19 0.00	20.75 -0.99 0.00	21.85 -1.04 0.00	24.46 -0.97 0.00	27.96 -0.70 0.00	31.68 -1.04 0.00	43.20 -1.61 0.00	60.10 -2.53 0.00	73.42 -3.69 0.00	64.66 -3.39 0.00	54.78 -2.95 0.00	66.29 -3.64 0.00	41.22 -1.66 0.00	31.53 -1.20 0.00
NINE_MILE_1 23575	30.41 -0.98 0.00	28.91 -0.83 0.00	26.19 -0.71 0.00	21.23 -0.55 0.00	16.28 -0.44 0.00	18.16 -0.47 0.00	21.42 -0.58 0.00	23.91 -0.76 0.00	19.83 -0.65 0.00	21.01 -0.70 0.00	21.95 -0.78 0.00	20.96 -0.78 0.00	22.05 -0.84 0.00	24.51 -0.92 0.00	27.66 -1.00 0.00	31.59 -1.12 0.00	43.31 -1.50 0.00	60.60 -2.02 0.00	74.71 -2.39 0.00	66.05 -2.01 0.00	55.95 -1.78 0.00	67.65 -2.28 0.00	41.48 -1.40 0.00	31.65 -1.08 0.00
NINE_MILE_2 23744	30.41 -0.98 0.00	28.92 -0.83 0.00	26.19 -0.71 0.00	21.23 -0.55 0.00	16.28 -0.44 0.00	18.16 -0.46 0.00	21.42 -0.58 0.00	23.91 -0.75 0.00	19.83 -0.65 0.00	21.01 -0.69 0.00	21.95 -0.77 0.00	20.96 -0.78 0.00	22.05 -0.84 0.00	24.51 -0.91 0.00	27.66 -1.00 0.00	31.59 -1.12 0.00	43.31 -1.50 0.00	60.60 -2.02 0.00	74.71 -2.39 0.00	66.05 -2.01 0.00	55.95 -1.78 0.00	67.65 -2.28 0.00	41.48 -1.40 0.00	31.65 -1.08 0.00
NM_CAPITAL___DRP 24208	31.72 0.34 0.00	30.16 0.42 0.00	27.42 0.53 0.00	22.31 0.52 0.00	17.17 0.46 0.00	19.14 0.52 0.00	22.51 0.51 0.00	25.01 0.35 0.00	20.77 0.29 0.00	21.98 0.28 0.00	23.03 0.30 0.00	22.04 0.30 0.00	23.23 0.34 0.00	25.76 0.34 0.00	28.92 0.27 0.00	32.96 0.25 0.00	45.14 0.33 0.00	62.98 0.36 0.00	77.69 0.59 0.00	68.83 0.77 0.00	58.23 0.50 0.00	70.50 0.57 0.00	43.24 0.36 0.00	33.06 0.32 0.00
NM_CENTRAL___DRP 24181	30.93 -0.46 0.00	29.42 -0.33 0.00	26.62 -0.27 0.00	21.59 -0.20 0.00	16.55 -0.18 0.00	18.46 -0.16 0.00	21.77 -0.22 0.00	24.26 -0.41 0.00	20.09 -0.38 0.00	21.30 -0.40 0.00	22.26 -0.46 0.00	21.28 -0.46 0.00	22.42 -0.46 0.00	24.93 -0.49 0.00	28.14 -0.52 0.00	32.18 -0.53 0.00	44.16 -0.65 0.00	61.85 -0.77 0.00	76.39 -0.71 0.00	67.51 -0.55 0.00	57.17 -0.56 0.00	69.09 -0.83 0.00	42.29 -0.60 0.00	32.24 -0.49 0.00

NM_FRONTIER___DRP 24179	30.14 -1.25 0.00	29.23 -0.51 0.00	26.12 -0.77 0.00	21.07 -0.72 0.00	15.96 -0.76 0.00	17.85 -0.78 0.00	21.17 -0.83 0.00	23.28 -1.39 0.00	19.20 -1.27 0.00	20.49 -1.22 0.00	21.38 -1.34 0.00	20.62 -1.12 0.00	21.70 -1.19 0.00	24.30 -1.12 0.00	27.79 -0.86 0.00	31.49 -1.22 0.00	42.93 -1.88 0.00	59.61 -3.01 0.00	72.45 -4.65 0.00	63.79 -4.27 0.00	54.04 -3.69 0.00	65.38 -4.55 0.00	40.70 -2.18 0.00	31.14 -1.60 0.00
NM_ST_REGIS___HYD 24053	32.16 0.77 0.00	30.18 0.43 0.00	26.92 0.03 0.00	21.73 -0.05 0.00	16.64 -0.08 0.00	18.50 -0.12 0.00	21.89 -0.10 0.00	25.07 0.41 0.00	20.82 0.34 0.00	22.09 0.38 0.00	23.06 0.33 0.00	22.04 0.30 0.00	23.18 0.29 0.00	25.82 0.40 0.00	29.25 0.60 0.00	33.30 0.59 0.00	45.88 1.07 0.00	64.55 1.93 0.00	79.03 1.93 0.00	69.67 1.61 0.00	59.26 1.53 0.00	72.15 2.22 0.00	44.30 1.42 0.00	33.75 1.01 0.00
NORTHPORT___1 23551	32.45 1.07 0.00	30.98 1.24 0.00	28.07 1.18 0.00	22.71 0.93 0.00	17.46 0.74 0.00	19.48 0.85 0.00	22.76 0.77 0.00	25.30 0.63 0.00	20.96 0.48 0.00	22.43 0.72 0.00	24.14 1.42 0.00	23.34 1.60 0.00	25.60 1.69 -1.02	43.59 1.88 -16.29	44.25 1.94 -13.65	39.94 2.05 -5.18	46.78 1.97 0.00	64.84 2.22 0.00	79.71 2.60 0.00	69.94 1.88 0.00	59.13 1.40 0.00	72.01 2.08 0.00	43.88 1.00 0.00	33.55 0.81 0.00
NORTHPORT___2 23552	32.45 1.07 0.00	30.98 1.24 0.00	28.07 1.18 0.00	22.71 0.93 0.00	17.46 0.74 0.00	19.48 0.85 0.00	22.76 0.77 0.00	25.30 0.63 0.00	20.96 0.48 0.00	22.43 0.72 0.00	24.14 1.42 0.00	23.34 1.60 0.00	25.60 1.69 -1.02	43.59 1.88 -16.29	44.25 1.94 -13.65	39.94 2.05 -5.18	46.78 1.97 0.00	64.84 2.22 0.00	79.71 2.60 0.00	69.94 1.88 0.00	59.13 1.40 0.00	72.01 2.08 0.00	43.88 1.00 0.00	33.55 0.81 0.00
NORTHPORT___3 23553	32.61 1.22 0.00	31.13 1.38 0.00	28.20 1.31 0.00	22.82 1.04 0.00	17.54 0.82 0.00	19.56 0.94 0.00	22.88 0.89 0.00	25.39 0.72 0.00	21.05 0.58 0.00	22.52 0.81 0.00	24.23 1.51 0.00	23.43 1.69 0.00	25.72 1.81 -1.02	43.73 2.02 -16.29	44.43 2.12 -13.65	40.12 2.22 -5.18	47.04 2.22 0.00	65.21 2.59 0.00	80.14 3.04 0.00	70.37 2.31 0.00	59.41 1.68 0.00	72.33 2.40 0.00	44.08 1.21 0.00	33.74 1.00 0.00
NORTHPORT___4 23650	32.61 1.22 0.00	31.13 1.38 0.00	28.20 1.31 0.00	22.82 1.04 0.00	17.54 0.82 0.00	19.56 0.94 0.00	22.88 0.89 0.00	25.39 0.72 0.00	21.05 0.58 0.00	22.52 0.81 0.00	24.23 1.51 0.00	23.43 1.69 0.00	25.72 1.81 -1.02	43.73 2.02 -16.29	44.43 2.12 -13.65	40.12 2.22 -5.18	47.04 2.22 0.00	65.21 2.59 0.00	80.14 3.04 0.00	70.37 2.31 0.00	59.41 1.68 0.00	72.33 2.40 0.00	44.08 1.21 0.00	33.74 1.00 0.00
NORTHPORT___IC 23718	32.45 1.07 0.00	30.98 1.24 0.00	28.07 1.17 0.00	22.71 0.93 0.00	17.46 0.74 0.00	19.48 0.85 0.00	22.76 0.77 0.00	25.30 0.63 0.00	20.96 0.48 0.00	22.43 0.72 0.00	24.14 1.42 0.00	23.34 1.60 0.00	25.59 1.69 -1.02	43.59 1.88 -16.29	44.25 1.94 -13.65	39.94 2.04 -5.18	46.78 1.96 0.00	64.84 2.22 0.00	79.71 2.60 0.00	69.94 1.88 0.00	59.13 1.40 0.00	72.01 2.08 0.00	43.87 0.99 0.00	33.55 0.81 0.00
NORTH___COUNTRY_ESR 323785	31.30 -0.09 0.00	29.44 -0.30 0.00	26.44 -0.45 0.00	21.36 -0.42 0.00	16.38 -0.34 0.00	18.17 -0.45 0.00	21.45 -0.54 0.00	24.49 -0.18 0.00	20.45 -0.03 0.00	21.69 -0.01 0.00	22.64 -0.09 0.00	21.67 -0.07 0.00	22.83 -0.06 0.00	25.44 0.02 0.00	28.81 0.15 0.00	32.76 0.05 0.00	45.02 0.21 0.00	63.13 0.51 0.00	77.44 0.34 0.00	68.05 -0.01 0.00	57.84 0.11 0.00	70.02 0.09 0.00	43.07 0.19 0.00	32.85 0.11 0.00
NPX_GEN_1385_PROXY 323591	32.36 0.98 0.00	30.98 1.24 0.00	28.07 1.18 0.00	22.70 0.91 0.00	17.46 0.74 0.00	19.48 0.85 0.00	22.85 0.86 0.00	25.49 0.82 0.00	20.94 0.46 0.00	22.41 0.71 0.00	24.00 1.27 0.00	23.20 1.46 0.00	25.30 1.40 -1.02	43.18 1.47 -16.29	38.13 1.40 -8.07	39.36 1.46 -5.18	46.11 1.29 0.00	64.02 1.40 0.00	79.21 2.11 0.00	69.72 1.66 0.00	59.27 1.54 0.00	72.33 2.40 0.00	44.22 1.34 0.00	34.08 0.80 -0.54
NPX_GEN_CSC 323557	32.31 0.92 0.00	30.78 1.04 0.00	27.90 1.00 0.00	22.56 0.78 0.00	17.34 0.62 0.00	19.33 0.70 0.00	22.60 0.61 0.00	25.15 0.48 0.00	20.88 0.40 0.00	22.37 0.66 0.00	24.06 1.34 0.00	23.30 1.56 0.00	25.61 1.71 -1.02	43.64 1.93 -16.29	44.40 2.09 -13.65	40.20 2.31 -5.18	47.32 2.50 0.00	65.60 2.98 0.00	80.73 3.63 0.00	70.71 2.65 0.00	59.62 1.90 0.00	72.52 2.60 0.00	43.98 1.10 0.00	34.10 0.82 -0.54
NSINS_S_GLNS_FALLS 23858	32.80 1.42 0.00	31.10 1.36 0.00	28.25 1.36 0.00	23.00 1.21 0.00	17.67 0.95 0.00	19.72 1.09 0.00	23.21 1.21 0.00	25.76 1.09 0.00	21.32 0.85 0.00	22.45 0.75 0.00	23.36 0.63 0.00	22.28 0.54 0.00	23.47 0.58 0.00	26.00 0.58 0.00	29.16 0.51 0.00	33.35 0.64 0.00	46.15 1.34 0.00	65.11 2.49 0.00	81.29 4.19 0.00	72.16 4.10 0.00	61.15 3.42 0.00	73.79 3.86 0.00	44.99 2.11 0.00	34.35 1.61 0.00
NUCOR_STEEL___DRP 24197	31.29 -0.09 0.00	29.82 0.07 0.00	27.04 0.15 0.00	21.89 0.10 0.00	16.79 0.08 0.00	18.75 0.13 0.00	22.04 0.04 0.00	24.60 -0.08 0.00	20.33 -0.15 0.00	21.50 -0.21 0.00	22.44 -0.29 0.00	21.47 -0.27 0.00	22.62 -0.27 0.00	25.18 -0.23 0.00	28.45 -0.20 0.00	32.52 -0.19 0.00	44.71 -0.11 0.00	62.71 0.09 0.00	77.23 0.13 0.00	68.65 0.59 0.00	58.26 0.53 0.00	70.38 0.46 0.00	43.07 0.19 0.00	32.77 0.03 0.00
NUMBER_THREE_WT_PWR 323818	31.44 0.05 0.00	29.65 -0.10 0.00	26.66 -0.24 0.00	21.56 -0.22 0.00	16.63 -0.09 0.00	18.79 0.16 0.00	22.21 0.21 0.00	24.95 0.28 0.00	20.65 0.17 0.00	21.86 0.15 0.00	22.70 -0.03 0.00	21.56 -0.19 0.00	22.58 -0.31 0.00	25.05 -0.37 0.00	28.28 -0.38 0.00	32.26 -0.45 0.00	44.82 0.00 0.00	63.83 1.21 0.00	79.63 2.53 0.00	70.65 2.60 0.00	59.07 1.34 0.00	71.52 1.59 0.00	43.54 0.66 0.00	33.16 0.42 0.00
NYISO_LBMP_REFERENCE 24008	31.39 0.00 0.00	29.74 0.00 0.00	26.90 0.00 0.00	21.79 0.00 0.00	16.72 0.00 0.00	18.63 0.00 0.00	22.00 0.00 0.00	24.67 0.00 0.00	20.48 0.00 0.00	21.71 0.00 0.00	22.72 0.00 0.00	21.74 0.00 0.00	22.89 0.00 0.00	25.42 0.00 0.00	28.66 0.00 0.00	32.71 0.00 0.00	44.81 0.00 0.00	62.62 0.00 0.00	77.10 0.00 0.00	68.06 0.00 0.00	57.73 0.00 0.00	69.93 0.00 0.00	42.88 0.00 0.00	32.74 0.00 0.00
NYPA_BRENTWD____GT 24164	32.84 1.46 0.00	31.33 1.59 0.00	28.36 1.47 0.00	22.94 1.16 0.00	17.62 0.90 0.00	19.66 1.04 0.00	22.99 0.99 0.00	25.57 0.90 0.00	21.20 0.72 0.00	22.69 0.98 0.00	24.40 1.67 0.00	23.60 1.86 0.00	25.91 2.00 -1.02	43.95 2.24 -16.29	44.70 2.39 -13.65	40.44 2.54 -5.18	47.53 2.72 0.00	65.91 3.29 0.00	80.62 3.52 0.00	70.65 2.59 0.00	59.97 2.24 0.00	73.16 3.23 0.00	44.60 1.72 0.00	34.06 1.32 0.00

NYPA_GOWANUS____GT5 24156	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.30 2.68 0.00	80.53 3.42 0.00	70.85 2.79 0.00	59.74 2.01 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NYPA_GOWANUS____GT6 24157	32.97 1.58 0.00	31.35 1.60 -0.01	28.38 1.48 -0.01	23.03 1.24 -0.01	17.69 0.97 -0.01	19.75 1.11 -0.01	23.18 1.18 -0.01	25.75 1.07 -0.01	21.49 1.01 -0.01	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.84 2.13 0.00	47.19 2.38 0.00	65.30 2.68 0.00	80.53 3.42 0.00	70.85 2.79 0.00	59.74 2.01 0.00	72.64 2.71 0.00	44.72 1.84 0.00	34.27 1.53 -0.01
NYPA_HARLEM__RVR__GT1 24160	32.74 1.35 0.00	31.16 1.44 0.02	28.23 1.34 0.01	22.88 1.12 0.02	17.59 0.89 0.02	19.63 1.03 0.02	23.06 1.09 0.02	25.61 0.95 0.00	21.35 0.89 0.01	22.75 1.04 0.00	24.11 1.38 0.00	23.18 1.44 0.00	24.44 1.55 0.00	27.14 1.72 0.00	30.46 1.81 0.00	34.66 1.94 0.00	46.99 2.18 0.00	65.08 2.46 0.00	80.22 3.12 0.00	70.67 2.61 0.00	59.63 1.90 0.00	72.47 2.54 0.00	44.59 1.72 0.00	34.11 1.38 0.00
NYPA_HARLEM__RVR__GT2 24161	32.74 1.35 0.00	31.16 1.44 0.02	28.23 1.34 0.01	22.88 1.12 0.02	17.59 0.89 0.02	19.63 1.03 0.02	23.06 1.09 0.02	25.61 0.95 0.00	21.35 0.89 0.01	22.75 1.04 0.00	24.11 1.38 0.00	23.18 1.44 0.00	24.44 1.55 0.00	27.14 1.72 0.00	30.46 1.81 0.00	34.66 1.94 0.00	46.99 2.18 0.00	65.08 2.46 0.00	80.22 3.12 0.00	70.67 2.61 0.00	59.63 1.90 0.00	72.47 2.54 0.00	44.59 1.72 0.00	34.11 1.38 0.00
NYPA_KENT____GT 24152	32.91 1.52 0.00	31.32 1.57 -0.01	28.36 1.46 -0.01	23.02 1.22 -0.01	17.69 0.96 -0.01	19.75 1.11 -0.01	23.17 1.17 -0.01	25.73 1.06 -0.01	21.49 1.00 -0.01	22.84 1.14 0.00	24.17 1.44 0.00	23.27 1.53 0.00	24.50 1.61 0.00	27.23 1.80 0.00	30.55 1.89 0.00	34.81 2.10 0.00	47.17 2.35 0.00	65.25 2.63 0.00	80.41 3.31 0.00	70.79 2.74 0.00	59.71 1.98 0.00	72.57 2.64 0.00	44.66 1.78 0.00	34.23 1.49 -0.01
NYPA_POUCH1____GT 24155	33.12 1.73 0.00	31.49 1.74 -0.01	28.50 1.60 -0.01	23.13 1.34 -0.01	17.76 1.04 -0.01	19.83 1.20 -0.01	23.25 1.25 -0.01	25.81 1.13 -0.01	21.52 1.04 -0.01	22.85 1.15 0.00	24.17 1.44 0.00	23.27 1.53 0.00	24.49 1.60 0.00	27.19 1.77 0.00	30.54 1.88 0.00	34.81 2.10 0.00	47.12 2.30 0.00	65.17 2.56 0.00	80.40 3.29 0.00	70.77 2.71 0.00	59.65 1.92 0.00	72.50 2.57 0.00	44.63 1.75 0.00	34.24 1.49 -0.01
NYPA_VERNON____GT2 24162	32.85 1.46 0.00	31.29 1.53 -0.01	28.34 1.44 -0.01	23.00 1.20 -0.01	17.68 0.96 -0.01	19.74 1.10 -0.01	23.17 1.17 -0.01	25.73 1.05 -0.01	21.47 0.99 -0.01	22.83 1.13 0.00	24.15 1.43 0.00	23.26 1.51 0.00	24.50 1.60 0.00	27.22 1.80 0.00	30.53 1.87 0.00	34.77 2.06 0.00	47.14 2.33 0.00	65.23 2.61 0.00	80.40 3.29 0.00	70.79 2.73 0.00	59.71 1.98 0.00	72.56 2.64 0.00	44.62 1.74 0.00	34.20 1.45 -0.01
NYPA_VERNON____GT3 24163	32.85 1.46 0.00	31.29 1.53 -0.01	28.34 1.44 -0.01	23.00 1.20 -0.01	17.68 0.96 -0.01	19.74 1.10 -0.01	23.17 1.17 -0.01	25.73 1.05 -0.01	21.47 0.99 -0.01	22.83 1.13 0.00	24.15 1.43 0.00	23.26 1.51 0.00	24.50 1.60 0.00	27.22 1.80 0.00	30.53 1.87 0.00	34.77 2.06 0.00	47.14 2.33 0.00	65.23 2.61 0.00	80.40 3.29 0.00	70.79 2.73 0.00	59.71 1.98 0.00	72.56 2.64 0.00	44.62 1.74 0.00	34.20 1.45 -0.01
NYPA__ASTORIA_CC1 323568	32.83 1.44 0.00	31.28 1.53 -0.01	28.33 1.43 -0.01	22.99 1.20 -0.01	17.67 0.95 -0.01	19.73 1.10 -0.01	23.17 1.16 -0.01	25.72 1.04 -0.01	21.47 0.98 -0.01	22.82 1.11 0.00	24.15 1.42 0.00	23.25 1.51 0.00	24.49 1.59 0.00	27.21 1.78 0.00	30.51 1.85 0.00	34.74 2.03 0.00	47.09 2.27 0.00	65.16 2.54 0.00	80.30 3.20 0.00	70.71 2.65 0.00	59.64 1.91 0.00	72.50 2.57 0.00	44.57 1.70 0.00	34.17 1.43 -0.01
NYPA__ASTORIA_CC2 323569	32.83 1.44 0.00	31.28 1.53 -0.01	28.33 1.43 -0.01	22.99 1.20 -0.01	17.67 0.95 -0.01	19.73 1.10 -0.01	23.17 1.16 -0.01	25.72 1.04 -0.01	21.47 0.98 -0.01	22.82 1.11 0.00	24.15 1.42 0.00	23.25 1.51 0.00	24.49 1.59 0.00	27.21 1.78 0.00	30.51 1.85 0.00	34.74 2.03 0.00	47.09 2.27 0.00	65.16 2.54 0.00	80.30 3.20 0.00	70.71 2.65 0.00	59.64 1.91 0.00	72.50 2.57 0.00	44.57 1.70 0.00	34.17 1.43 -0.01
NYPA__HOLTSVILL 23794	32.54 1.16 0.00	31.04 1.30 0.00	28.12 1.23 0.00	22.75 0.97 0.00	17.48 0.76 0.00	19.50 0.87 0.00	22.80 0.81 0.00	25.36 0.69 0.00	21.04 0.56 0.00	22.53 0.82 0.00	24.22 1.49 0.00	23.44 1.69 0.00	25.74 1.83 -1.02	43.76 2.05 -16.29	44.50 2.19 -13.65	40.29 2.39 -5.18	47.38 2.56 0.00	65.64 3.03 0.00	80.69 3.59 0.00	70.73 2.67 0.00	59.70 1.97 0.00	72.65 2.72 0.00	44.14 1.26 0.00	33.73 0.99 0.00
NYPA__HELLGATE_GT1 24158	32.74 1.35 0.00	31.19 1.44 -0.01	28.24 1.34 -0.01	22.91 1.12 -0.01	17.62 0.89 -0.01	19.66 1.03 -0.01	23.09 1.09 -0.01	25.62 0.95 -0.01	21.37 0.89 -0.01	22.75 1.04 0.00	24.11 1.38 0.00	23.18 1.44 0.00	24.44 1.55 0.00	27.14 1.72 0.00	30.46 1.81 0.00	34.66 1.94 0.00	46.99 2.18 0.00	65.11 2.49 0.00	80.22 3.12 0.00	70.67 2.61 0.00	59.63 1.90 0.00	72.47 2.54 0.00	44.59 1.72 0.00	34.12 1.38 -0.01
NYPA__HELLGATE_GT2 24159	32.74 1.35 0.00	31.19 1.44 -0.01	28.24 1.34 -0.01	22.91 1.12 -0.01	17.62 0.89 -0.01	19.66 1.03 -0.01	23.09 1.09 -0.01	25.62 0.95 -0.01	21.37 0.89 -0.01	22.75 1.04 0.00	24.11 1.38 0.00	23.18 1.44 0.00	24.44 1.55 0.00	27.14 1.72 0.00	30.46 1.81 0.00	34.66 1.94 0.00	46.99 2.18 0.00	65.11 2.49 0.00	80.22 3.12 0.00	70.67 2.61 0.00	59.63 1.90 0.00	72.47 2.54 0.00	44.59 1.72 0.00	34.12 1.38 -0.01
NYS_BARGE____HYD 23848	30.76 -0.63 0.00	29.82 0.08 0.00	26.63 -0.26 0.00	21.48 -0.30 0.00	16.23 -0.49 0.00	18.15 -0.47 0.00	21.52 -0.48 0.00	23.67 -1.00 0.00	19.50 -0.98 0.00	20.77 -0.93 0.00	21.66 -1.07 0.00	20.90 -0.85 0.00	22.01 -0.88 0.00	24.65 -0.77 0.00	28.20 -0.46 0.00	31.91 -0.80 0.00	43.56 -1.25 0.00	60.69 -1.93 0.00	74.31 -2.79 0.00	65.55 -2.52 0.00	55.54 -2.19 0.00	67.17 -2.75 0.00	41.80 -1.08 0.00	31.97 -0.77 0.00
OAK ORCHARD____HYD 24046	31.16 -0.23 0.00	29.85 0.11 0.00	26.85 -0.04 0.00	21.71 -0.08 0.00	16.56 -0.16 0.00	18.50 -0.13 0.00	21.85 -0.14 0.00	24.23 -0.44 0.00	20.02 -0.45 0.00	21.27 -0.44 0.00	22.23 -0.49 0.00	21.36 -0.38 0.00	22.52 -0.37 0.00	25.16 -0.26 0.00	28.62 -0.04 0.00	32.65 -0.06 0.00	44.81 -0.01 0.00	62.71 0.09 0.00	77.20 0.10 0.00	68.15 0.09 0.00	57.68 -0.05 0.00	69.66 -0.26 0.00	42.81 -0.07 0.00	32.58 -0.16 0.00

OAKDALE___35_KV_LOAD 356122	31.17 -0.21 0.00	29.73 -0.01 0.00	26.84 -0.05 0.00	21.75 -0.03 0.00	16.66 -0.06 0.00	18.65 0.02 0.00	21.99 -0.01 0.00	24.47 -0.20 0.00	20.25 -0.22 0.00	21.43 -0.27 0.00	22.42 -0.30 0.00	21.50 -0.23 0.00	22.67 -0.22 0.00	25.26 -0.17 0.00	28.53 -0.13 0.00	32.61 -0.10 0.00	44.61 -0.20 0.00	62.37 -0.25 0.00	76.94 -0.16 0.00	68.02 -0.04 0.00	57.70 -0.03 0.00	69.88 -0.05 0.00	42.71 -0.17 0.00	32.62 -0.11 0.00
OCC_CHEM___DRP 24175	30.20 -1.19 0.00	29.29 -0.45 0.00	26.18 -0.72 0.00	21.11 -0.67 0.00	15.99 -0.73 0.00	17.89 -0.74 0.00	21.21 -0.79 0.00	23.33 -1.34 0.00	19.24 -1.23 0.00	20.53 -1.18 0.00	21.42 -1.30 0.00	20.66 -1.08 0.00	21.75 -1.14 0.00	24.36 -1.07 0.00	27.86 -0.79 0.00	31.58 -1.13 0.00	43.05 -1.77 0.00	59.77 -2.85 0.00	72.67 -4.44 0.00	63.98 -4.08 0.00	54.20 -3.53 0.00	65.57 -4.36 0.00	40.82 -2.06 0.00	31.22 -1.51 0.00
OH_GEN_PROXY 24063	30.36 -1.03 0.00	29.43 -0.31 0.00	26.32 -0.58 0.00	21.24 -0.54 0.00	16.10 -0.62 0.00	18.01 -0.61 0.00	21.35 -0.65 0.00	23.50 -1.17 0.00	19.39 -1.09 0.00	20.67 -1.04 0.00	21.55 -1.17 0.00	20.78 -0.96 0.00	21.87 -1.02 0.00	24.48 -0.94 0.00	27.98 -0.67 0.00	31.72 -0.99 0.00	43.26 -1.56 0.00	60.18 -2.44 0.00	73.53 -3.57 0.00	64.80 -3.26 0.00	54.88 -2.85 0.00	66.42 -3.51 0.00	41.26 -1.62 0.00	32.08 -1.20 -0.54
OLIN_CORP_DRP 24177	30.44 -0.94 0.00	29.56 -0.19 0.00	26.41 -0.49 0.00	21.29 -0.49 0.00	16.08 -0.65 0.00	17.97 -0.65 0.00	21.30 -0.69 0.00	23.43 -1.24 0.00	19.31 -1.17 0.00	20.59 -1.12 0.00	21.47 -1.25 0.00	20.71 -1.03 0.00	21.81 -1.09 0.00	24.42 -1.00 0.00	27.93 -0.73 0.00	31.55 -1.16 0.00	43.01 -1.81 0.00	59.82 -2.80 0.00	73.14 -3.96 0.00	64.44 -3.61 0.00	54.60 -3.13 0.00	66.05 -3.88 0.00	41.22 -1.66 0.00	31.56 -1.17 0.00
OLIN_CORP_DSASP 323712	30.20 -1.19 0.00	29.30 -0.44 0.00	26.18 -0.72 0.00	21.11 -0.67 0.00	15.99 -0.73 0.00	17.89 -0.74 0.00	21.21 -0.78 0.00	23.33 -1.34 0.00	19.25 -1.23 0.00	20.53 -1.18 0.00	21.42 -1.30 0.00	20.66 -1.08 0.00	21.76 -1.13 0.00	24.36 -1.07 0.00	27.86 -0.79 0.00	31.56 -1.15 0.00	43.05 -1.77 0.00	59.77 -2.86 0.00	72.67 -4.43 0.00	63.98 -4.08 0.00	54.19 -3.54 0.00	65.56 -4.37 0.00	40.82 -2.06 0.00	31.22 -1.51 0.00
ONEIDA_HERK_LFGE 323681	31.76 0.37 0.00	30.06 0.31 0.00	27.13 0.23 0.00	21.96 0.18 0.00	16.90 0.18 0.00	18.94 0.32 0.00	22.35 0.35 0.00	25.02 0.35 0.00	20.70 0.23 0.00	21.92 0.21 0.00	22.86 0.14 0.00	21.81 0.07 0.00	22.92 0.03 0.00	25.46 0.04 0.00	28.74 0.08 0.00	32.81 0.10 0.00	45.31 0.50 0.00	63.97 1.35 0.00	79.41 2.31 0.00	70.32 2.26 0.00	59.27 1.54 0.00	71.70 1.77 0.00	43.76 0.88 0.00	33.33 0.60 0.00
ONEIDA___115KV_TB4 55905	31.91 0.52 0.00	30.27 0.53 0.00	27.37 0.47 0.00	22.17 0.39 0.00	17.03 0.31 0.00	19.02 0.39 0.00	22.42 0.43 0.00	24.99 0.33 0.00	20.63 0.15 0.00	21.83 0.12 0.00	22.80 0.08 0.00	21.80 0.06 0.00	22.96 0.07 0.00	25.54 0.12 0.00	28.84 0.18 0.00	32.98 0.27 0.00	45.40 0.58 0.00	63.85 1.23 0.00	79.24 2.14 0.00	70.23 2.17 0.00	59.47 1.74 0.00	71.92 2.00 0.00	43.90 1.03 0.00	33.44 0.70 0.00
ONONDAGA_REF_OCCRA 23987	31.13 -0.25 0.00	29.61 -0.13 0.00	26.78 -0.11 0.00	21.71 -0.08 0.00	16.64 -0.07 0.00	18.58 -0.05 0.00	21.91 -0.08 0.00	24.41 -0.26 0.00	20.21 -0.28 0.00	21.40 -0.30 0.00	22.36 -0.36 0.00	21.39 -0.36 0.00	22.53 -0.36 0.00	25.06 -0.36 0.00	28.30 -0.36 0.00	32.36 -0.35 0.00	44.43 -0.39 0.00	62.26 -0.36 0.00	76.95 -0.15 0.00	68.05 -0.01 0.00	57.66 -0.07 0.00	69.68 -0.25 0.00	42.63 -0.25 0.00	32.50 -0.24 0.00
ONONDAGA___COGEN 23986	31.11 -0.28 0.00	29.59 -0.15 0.00	26.78 -0.11 0.00	21.71 -0.08 0.00	16.65 -0.07 0.00	18.58 -0.05 0.00	21.90 -0.10 0.00	24.42 -0.26 0.00	20.21 -0.28 0.00	21.41 -0.30 0.00	22.37 -0.36 0.00	21.38 -0.36 0.00	22.53 -0.36 0.00	25.05 -0.37 0.00	28.30 -0.36 0.00	32.35 -0.36 0.00	44.43 -0.39 0.00	62.25 -0.37 0.00	76.86 -0.24 0.00	67.98 -0.08 0.00	57.61 -0.12 0.00	69.60 -0.33 0.00	42.59 -0.29 0.00	32.48 -0.26 0.00
ONTARIO___LFGE 23819	31.40 0.01 0.00	30.00 0.26 0.00	27.02 0.12 0.00	21.88 0.09 0.00	16.72 0.00 0.00	18.70 0.08 0.00	22.07 0.08 0.00	24.49 -0.18 0.00	20.17 -0.31 0.00	21.29 -0.42 0.00	22.20 -0.52 0.00	21.30 -0.44 0.00	22.48 -0.41 0.00	25.08 -0.34 0.00	28.45 -0.21 0.00	32.54 -0.17 0.00	44.55 -0.27 0.00	62.60 -0.02 0.00	77.59 0.49 0.00	68.84 0.78 0.00	58.41 0.68 0.00	70.50 0.57 0.00	43.10 0.22 0.00	32.96 0.22 0.00
ORANGEVILLE_WT_PWR 323706	30.89 -0.49 0.00	29.81 0.06 0.00	26.69 -0.21 0.00	21.54 -0.24 0.00	16.36 -0.37 0.00	18.33 -0.30 0.00	21.69 -0.31 0.00	23.87 -0.80 0.00	19.59 -0.89 0.00	20.76 -0.94 0.00	21.64 -1.08 0.00	20.87 -0.87 0.00	21.99 -0.90 0.00	24.62 -0.80 0.00	28.07 -0.59 0.00	31.93 -0.78 0.00	43.63 -1.18 0.00	60.95 -1.67 0.00	75.02 -2.09 0.00	66.49 -1.57 0.00	56.50 -1.23 0.00	68.42 -1.50 0.00	42.20 -0.68 0.00	32.27 -0.46 0.00
ORANGEVILLE___ESR 323794	30.89 -0.49 0.00	29.81 0.06 0.00	26.69 -0.21 0.00	21.54 -0.24 0.00	16.36 -0.37 0.00	18.33 -0.30 0.00	21.69 -0.31 0.00	23.87 -0.80 0.00	19.59 -0.89 0.00	20.76 -0.94 0.00	21.64 -1.08 0.00	20.87 -0.87 0.00	21.99 -0.90 0.00	24.62 -0.80 0.00	28.07 -0.59 0.00	31.93 -0.78 0.00	43.63 -1.18 0.00	60.95 -1.67 0.00	75.02 -2.09 0.00	66.49 -1.57 0.00	56.50 -1.23 0.00	68.42 -1.50 0.00	42.20 -0.68 0.00	32.27 -0.46 0.00
OSWEGATCHIE___HYD 24044	31.86 0.47 0.00	29.97 0.23 0.00	26.82 -0.07 0.00	21.68 -0.10 0.00	16.66 -0.06 0.00	18.67 0.04 0.00	22.06 0.07 0.00	25.03 0.36 0.00	20.73 0.25 0.00	21.95 0.25 0.00	22.85 0.12 0.00	21.77 0.03 0.00	22.85 -0.04 0.00	25.40 -0.02 0.00	28.74 0.08 0.00	32.77 0.06 0.00	45.32 0.51 0.00	64.13 1.51 0.00	79.32 2.21 0.00	70.18 2.12 0.00	59.23 1.50 0.00	72.01 2.08 0.00	44.00 1.12 0.00	33.53 0.79 0.00
OSWEGO___5 23606	30.63 -0.76 0.00	29.12 -0.63 0.00	26.36 -0.54 0.00	21.37 -0.42 0.00	16.38 -0.34 0.00	18.28 -0.35 0.00	21.56 -0.43 0.00	24.07 -0.60 0.00	19.95 -0.53 0.00	21.14 -0.57 0.00	22.09 -0.63 0.00	21.10 -0.64 0.00	22.21 -0.68 0.00	24.69 -0.74 0.00	27.87 -0.79 0.00	31.83 -0.88 0.00	43.65 -1.17 0.00	61.07 -1.56 0.00	75.31 -1.79 0.00	66.57 -1.49 0.00	56.40 -1.33 0.00	68.21 -1.72 0.00	41.81 -1.07 0.00	31.91 -0.83 0.00
OSWEGO___6 23613	30.63 -0.76 0.00	29.12 -0.63 0.00	26.36 -0.54 0.00	21.37 -0.42 0.00	16.38 -0.34 0.00	18.28 -0.35 0.00	21.56 -0.43 0.00	24.07 -0.60 0.00	19.95 -0.53 0.00	21.14 -0.57 0.00	22.09 -0.63 0.00	21.10 -0.64 0.00	22.21 -0.68 0.00	24.69 -0.74 0.00	27.87 -0.79 0.00	31.83 -0.88 0.00	43.65 -1.17 0.00	61.07 -1.56 0.00	75.31 -1.79 0.00	66.57 -1.49 0.00	56.40 -1.33 0.00	68.21 -1.72 0.00	41.81 -1.07 0.00	31.91 -0.83 0.00

OUTOKUMPU-AB___DRP 24206	30.89 -0.50 0.00	29.92 0.18 0.00	26.72 -0.17 0.00	21.55 -0.23 0.00	16.31 -0.41 0.00	18.25 -0.37 0.00	21.63 -0.36 0.00	23.80 -0.87 0.00	19.64 -0.84 0.00	20.93 -0.78 0.00	21.85 -0.87 0.00	21.10 -0.64 0.00	22.23 -0.66 0.00	24.91 -0.51 0.00	28.51 -0.14 0.00	32.35 -0.36 0.00	44.15 -0.66 0.00	61.49 -1.13 0.00	75.09 -2.01 0.00	66.15 -1.91 0.00	56.02 -1.71 0.00	67.73 -2.20 0.00	42.04 -0.84 0.00	32.14 -0.60 0.00
OXBOW___BTM 323836	30.54 -0.85 0.00	29.60 -0.14 0.00	26.44 -0.46 0.00	21.31 -0.47 0.00	16.14 -0.58 0.00	18.06 -0.57 0.00	21.41 -0.59 0.00	23.56 -1.11 0.00	19.43 -1.05 0.00	20.73 -0.98 0.00	21.63 -1.09 0.00	20.88 -0.86 0.00	22.01 -0.88 0.00	24.65 -0.77 0.00	28.21 -0.44 0.00	31.98 -0.74 0.00	43.65 -1.17 0.00	60.69 -1.93 0.00	73.97 -3.13 0.00	65.13 -2.93 0.00	55.15 -2.58 0.00	66.68 -3.25 0.00	41.45 -1.43 0.00	31.68 -1.05 0.00
OXBOW___ 24026	30.54 -0.85 0.00	29.60 -0.15 0.00	26.44 -0.46 0.00	21.31 -0.47 0.00	16.14 -0.58 0.00	18.06 -0.57 0.00	21.41 -0.59 0.00	23.55 -1.11 0.00	19.43 -1.05 0.00	20.72 -0.98 0.00	21.63 -1.10 0.00	20.88 -0.86 0.00	22.00 -0.89 0.00	24.65 -0.77 0.00	28.21 -0.45 0.00	31.99 -0.72 0.00	43.65 -1.16 0.00	60.69 -1.93 0.00	73.97 -3.13 0.00	65.13 -2.93 0.00	55.15 -2.58 0.00	66.69 -3.24 0.00	41.45 -1.43 0.00	31.68 -1.05 0.00
OXY_CHEM_DSASP 323612	30.20 -1.19 0.00	29.29 -0.45 0.00	26.18 -0.72 0.00	21.11 -0.67 0.00	15.99 -0.73 0.00	17.89 -0.74 0.00	21.21 -0.79 0.00	23.33 -1.34 0.00	19.24 -1.23 0.00	20.53 -1.18 0.00	21.42 -1.30 0.00	20.66 -1.08 0.00	21.75 -1.14 0.00	24.36 -1.07 0.00	27.86 -0.79 0.00	31.58 -1.13 0.00	43.05 -1.77 0.00	59.77 -2.85 0.00	72.67 -4.44 0.00	63.98 -4.08 0.00	54.20 -3.53 0.00	65.57 -4.36 0.00	40.82 -2.06 0.00	31.22 -1.51 0.00
OZONE_PARK_ESR 323760	33.04 1.66 0.00	31.46 1.71 0.00	28.48 1.59 0.00	23.10 1.31 0.00	17.76 1.04 0.00	19.82 1.19 0.00	23.27 1.27 0.00	25.84 1.17 0.00	21.58 1.10 0.00	22.95 1.25 0.00	24.27 1.55 0.00	23.37 1.63 0.00	24.61 1.72 0.00	27.35 1.93 0.00	30.71 2.05 0.00	35.01 2.30 0.00	47.59 2.77 0.00	65.94 3.32 0.00	81.20 4.10 0.00	71.50 3.44 0.00	60.30 2.57 0.00	73.23 3.30 0.00	44.97 2.10 0.00	34.43 1.69 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.20 -1.19 0.00	29.29 -0.45 0.00	26.18 -0.72 0.00	21.11 -0.67 0.00	15.99 -0.73 0.00	17.89 -0.74 0.00	21.21 -0.79 0.00	23.33 -1.34 0.00	19.24 -1.23 0.00	20.53 -1.18 0.00	21.42 -1.30 0.00	20.66 -1.08 0.00	21.75 -1.14 0.00	24.36 -1.07 0.00	27.86 -0.79 0.00	31.58 -1.13 0.00	43.05 -1.77 0.00	59.77 -2.85 0.00	72.67 -4.44 0.00	63.98 -4.08 0.00	54.20 -3.53 0.00	65.57 -4.36 0.00	40.82 -2.06 0.00	31.22 -1.51 0.00
PACKARD___115KV_DUPONT_184 80571	30.20 -1.19 0.00	29.29 -0.45 0.00	26.18 -0.72 0.00	21.11 -0.67 0.00	15.99 -0.73 0.00	17.89 -0.74 0.00	21.21 -0.79 0.00	23.33 -1.34 0.00	19.24 -1.23 0.00	20.53 -1.18 0.00	21.42 -1.30 0.00	20.66 -1.08 0.00	21.75 -1.14 0.00	24.36 -1.07 0.00	27.86 -0.79 0.00	31.58 -1.13 0.00	43.05 -1.77 0.00	59.77 -2.85 0.00	72.67 -4.44 0.00	63.98 -4.08 0.00	54.20 -3.53 0.00	65.57 -4.36 0.00	40.82 -2.06 0.00	31.22 -1.51 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.83 1.44 0.00	31.27 1.53 0.00	28.32 1.42 0.00	22.97 1.18 0.00	17.65 0.93 0.00	19.70 1.08 0.00	23.14 1.15 0.00	25.69 1.02 0.00	21.42 0.94 0.00	22.77 1.07 0.00	24.11 1.38 0.00	23.18 1.44 0.00	24.43 1.54 0.00	27.16 1.74 0.00	30.49 1.83 0.00	34.68 1.97 0.00	47.05 2.23 0.00	65.23 2.61 0.00	80.43 3.33 0.00	70.85 2.79 0.00	59.79 2.06 0.00	72.67 2.74 0.00	44.66 1.79 0.00	34.21 1.47 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.54 2.15 0.00	32.00 2.25 0.00	28.97 2.07 0.00	23.51 1.72 0.00	18.07 1.34 0.00	20.16 1.53 0.00	23.71 1.72 0.00	26.31 1.65 0.00	21.88 1.40 0.00	23.33 1.62 0.00	24.68 1.96 0.00	23.71 1.97 0.00	24.99 2.10 0.00	27.78 2.36 0.00	31.19 2.53 0.00	35.49 2.77 0.00	48.18 3.36 0.00	66.89 4.27 0.00	82.38 5.28 0.00	72.56 4.50 0.00	61.27 3.54 0.00	74.48 4.55 0.00	45.78 2.90 0.00	35.04 2.30 0.00
PATROON___115KV_TB1 80586	31.76 0.38 0.00	30.19 0.44 0.00	27.43 0.54 0.00	22.32 0.54 0.00	17.18 0.46 0.00	19.14 0.52 0.00	22.51 0.52 0.00	25.02 0.35 0.00	20.77 0.30 0.00	21.98 0.28 0.00	23.04 0.32 0.00	22.06 0.32 0.00	23.25 0.36 0.00	25.79 0.37 0.00	28.98 0.32 0.00	33.05 0.34 0.00	45.26 0.45 0.00	63.20 0.58 0.00	77.96 0.86 0.00	69.04 0.98 0.00	58.40 0.67 0.00	70.69 0.77 0.00	43.34 0.46 0.00	33.13 0.40 0.00
PATTRSNVILLE___SOLAR 323815	32.28 0.89 0.00	30.63 0.88 0.00	27.75 0.86 0.00	22.51 0.73 0.00	17.29 0.57 0.00	19.27 0.65 0.00	22.70 0.70 0.00	25.20 0.53 0.00	20.78 0.31 0.00	21.93 0.22 0.00	22.93 0.21 0.00	21.94 0.20 0.00	23.10 0.21 0.00	25.65 0.23 0.00	28.87 0.21 0.00	32.96 0.25 0.00	45.28 0.47 0.00	63.54 0.92 0.00	78.85 1.74 0.00	70.18 2.12 0.00	59.58 1.85 0.00	72.15 2.22 0.00	44.19 1.31 0.00	33.72 0.98 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.86 -0.52 0.00	29.84 0.09 0.00	26.68 -0.21 0.00	21.53 -0.25 0.00	16.33 -0.39 0.00	18.30 -0.32 0.00	21.67 -0.32 0.00	23.88 -0.79 0.00	19.71 -0.77 0.00	20.98 -0.73 0.00	21.88 -0.84 0.00	21.11 -0.63 0.00	22.26 -0.63 0.00	24.93 -0.49 0.00	28.50 -0.15 0.00	32.42 -0.30 0.00	44.23 -0.59 0.00	61.66 -0.96 0.00	75.53 -1.57 0.00	66.58 -1.48 0.00	56.41 -1.32 0.00	68.24 -1.69 0.00	42.20 -0.68 0.00	32.26 -0.48 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.60 1.22 0.00	31.02 1.27 0.00	28.10 1.20 0.00	22.80 1.02 0.00	17.53 0.81 0.00	19.57 0.95 0.00	22.99 1.00 0.00	25.57 0.90 0.00	21.32 0.84 0.00	22.65 0.95 0.00	23.92 1.19 0.00	22.99 1.25 0.00	24.24 1.34 0.00	26.96 1.54 0.00	30.29 1.63 0.00	34.54 1.83 0.00	47.17 2.36 0.00	65.62 3.00 0.00	80.83 3.73 0.00	71.27 3.21 0.00	60.15 2.42 0.00	72.89 2.96 0.00	44.61 1.73 0.00	34.04 1.30 0.00
PEEKSKILL___ 23653	32.37 0.99 0.00	30.82 1.08 0.00	27.91 1.02 0.00	22.64 0.86 0.00	17.41 0.69 0.00	19.43 0.81 0.00	22.83 0.83 0.00	25.36 0.69 0.00	21.15 0.67 0.00	22.49 0.78 0.00	23.76 1.04 0.00	22.85 1.11 0.00	24.08 1.19 0.00	26.77 1.34 0.00	30.07 1.41 0.00	34.27 1.56 0.00	46.62 1.81 0.00	64.77 2.15 0.00	79.77 2.67 0.00	70.30 2.24 0.00	59.33 1.60 0.00	72.01 2.08 0.00	44.12 1.24 0.00	33.74 1.00 0.00
PGE MADISON___WINDPWR 24146	33.22 1.83 0.00	31.57 1.83 0.00	28.46 1.57 0.00	23.01 1.23 0.00	17.63 0.91 0.00	19.74 1.12 0.00	23.29 1.29 0.00	25.86 1.19 0.00	21.25 0.77 0.00	22.44 0.73 0.00	23.45 0.73 0.00	22.48 0.74 0.00	23.74 0.85 0.00	26.44 1.02 0.00	29.92 1.27 0.00	34.26 1.55 0.00	47.29 2.48 0.00	66.54 3.92 0.00	82.64 5.53 0.00	73.63 5.57 0.00	62.45 4.72 0.00	75.63 5.71 0.00	46.00 3.12 0.00	34.96 2.22 0.00

PIERCEFIELD___HYD 23852	32.23 0.84 0.00	30.24 0.49 0.00	26.94 0.04 0.00	21.75 -0.04 0.00	16.65 -0.06 0.00	18.52 -0.10 0.00	21.93 -0.07 0.00	25.13 0.46 0.00	20.84 0.36 0.00	22.12 0.41 0.00	23.08 0.35 0.00	22.05 0.31 0.00	23.19 0.29 0.00	25.82 0.40 0.00	29.24 0.59 0.00	33.31 0.60 0.00	45.91 1.10 0.00	64.55 1.93 0.00	79.02 1.91 0.00	69.71 1.65 0.00	59.27 1.54 0.00	72.29 2.36 0.00	44.36 1.48 0.00	33.80 1.06 0.00
PINELAWN_CC_1 323563	32.80 1.42 0.00	31.27 1.53 0.00	28.29 1.40 0.00	22.89 1.10 0.00	17.59 0.87 0.00	19.62 0.99 0.00	22.94 0.95 0.00	25.50 0.84 0.00	21.17 0.69 0.00	22.64 0.93 0.00	24.27 1.55 0.00	23.47 1.73 0.00	25.74 1.83 -1.02	43.76 2.05 -16.29	44.35 2.05 -13.65	40.00 2.10 -5.18	46.99 2.17 0.00	64.94 2.31 0.00	79.81 2.71 0.00	70.06 2.01 0.00	59.25 1.52 0.00	72.36 2.43 0.00	44.16 1.28 0.00	34.00 1.26 0.00
PJM_GEN_HTP_PROXY 323702	32.69 1.30 0.00	31.12 1.38 0.00	28.20 1.30 0.00	22.87 1.09 0.00	17.59 0.87 0.00	19.63 1.01 0.00	23.05 1.06 0.00	25.59 0.92 0.00	21.37 0.89 0.00	22.72 1.01 0.00	24.04 1.31 0.00	23.13 1.39 0.00	24.35 1.46 0.00	27.06 1.64 0.00	30.37 1.72 0.00	34.62 1.91 0.00	47.03 2.22 0.00	65.17 2.55 0.00	80.23 3.13 0.00	70.65 2.59 0.00	59.59 1.86 0.00	72.34 2.42 0.00	44.01 1.54 0.42	33.38 1.28 0.64
PJM_GEN_KEystone 24065	25.97 -0.06 5.37	30.01 0.27 0.00	19.16 0.16 7.89	17.96 0.13 3.95	16.78 0.05 0.00	18.78 0.16 0.00	22.14 0.15 0.00	18.68 -0.15 5.84	17.76 -0.12 2.60	21.62 -0.09 0.00	22.65 -0.03 0.05	21.85 0.11 0.00	23.00 0.11 0.00	25.63 0.21 0.00	28.97 0.32 0.00	33.00 0.29 0.00	44.88 0.07 0.00	62.41 -0.21 0.00	73.73 -0.34 3.04	63.39 -0.37 4.30	57.24 -0.49 0.00	69.50 -0.43 0.00	39.85 -0.16 2.88	30.00 -0.05 2.69
PJM_GEN_NEPTUNE_PROXY 323594	32.52 1.14 0.00	30.99 1.24 0.00	28.06 1.16 0.00	22.72 0.93 0.00	17.47 0.74 0.00	19.48 0.86 0.00	22.79 0.80 0.00	25.35 0.68 0.00	21.06 0.59 0.00	22.51 0.80 0.00	24.08 1.36 0.00	23.26 1.51 0.00	25.50 1.60 -1.02	43.49 1.78 -16.29	44.18 1.87 -13.65	39.92 2.03 -5.18	46.96 2.15 0.00	65.12 2.50 0.00	80.03 2.93 0.00	70.31 2.26 0.00	59.39 1.66 0.00	72.29 2.36 0.00	43.71 1.25 0.42	33.10 1.01 0.64
PJM_GEN_VFT_PROXY 323633	32.54 1.16 0.00	30.98 1.24 0.00	28.07 1.17 0.00	22.78 1.00 0.00	17.52 0.80 0.00	19.55 0.93 0.00	22.97 0.97 0.00	25.49 0.82 0.00	21.30 0.82 0.00	22.66 0.95 0.00	23.97 1.25 0.00	23.07 1.33 0.00	24.29 1.40 0.00	26.97 1.55 0.00	30.28 1.62 0.00	34.53 1.82 0.00	46.87 2.05 0.00	64.93 2.31 0.00	79.96 2.86 0.00	70.36 2.31 0.00	59.29 1.56 0.00	72.02 2.09 0.00	43.81 1.34 0.42	33.25 1.15 0.64
PLATSBURG_115KV_PMLD1 355749	31.60 0.22 0.00	29.77 0.03 0.00	26.78 -0.11 0.00	21.65 -0.14 0.00	16.59 -0.13 0.00	18.42 -0.20 0.00	21.72 -0.28 0.00	24.71 0.04 0.00	20.70 0.22 0.00	21.90 0.19 0.00	22.84 0.11 0.00	21.85 0.11 0.00	23.06 0.17 0.00	25.64 0.21 0.00	28.99 0.34 0.00	32.97 0.26 0.00	45.18 0.36 0.00	63.40 0.78 0.00	77.89 0.78 0.00	68.44 0.39 0.00	58.11 0.38 0.00	70.10 0.17 0.00	43.21 0.33 0.00	33.10 0.36 0.00
PLEASANTVLY___LBMP 24000	32.19 0.81 0.00	30.63 0.89 0.00	27.79 0.89 0.00	22.57 0.79 0.00	17.36 0.64 0.00	19.38 0.75 0.00	22.76 0.76 0.00	25.30 0.62 0.00	21.07 0.60 0.00	22.37 0.67 0.00	23.59 0.87 0.00	22.66 0.92 0.00	23.87 0.98 0.00	26.52 1.10 0.00	29.75 1.10 0.00	33.89 1.18 0.00	46.24 1.43 0.00	64.31 1.69 0.00	79.21 2.11 0.00	69.94 1.88 0.00	59.06 1.33 0.00	71.62 1.69 0.00	43.87 1.00 0.00	33.55 0.81 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.39 1.01 0.00	30.84 1.10 0.00	27.95 1.06 0.00	22.69 0.90 0.00	17.45 0.73 0.00	19.47 0.85 0.00	22.87 0.87 0.00	25.41 0.74 0.00	21.19 0.71 0.00	22.51 0.81 0.00	23.77 1.04 0.00	22.85 1.11 0.00	24.07 1.18 0.00	26.76 1.34 0.00	30.05 1.39 0.00	34.23 1.52 0.00	46.66 1.85 0.00	64.84 2.22 0.00	79.85 2.74 0.00	70.44 2.38 0.00	59.44 1.71 0.00	72.09 2.16 0.00	44.38 1.51 0.00	33.93 1.20 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.39 1.01 0.00	30.84 1.10 0.00	27.95 1.06 0.00	22.69 0.90 0.00	17.45 0.73 0.00	19.47 0.85 0.00	22.87 0.87 0.00	25.41 0.74 0.00	21.19 0.71 0.00	22.51 0.81 0.00	23.77 1.04 0.00	22.85 1.11 0.00	24.07 1.18 0.00	26.76 1.34 0.00	30.05 1.39 0.00	34.23 1.52 0.00	46.66 1.85 0.00	64.84 2.22 0.00	79.85 2.74 0.00	70.44 2.38 0.00	59.44 1.71 0.00	72.09 2.16 0.00	44.38 1.51 0.00	33.93 1.20 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.44 1.05 0.00	30.85 1.10 0.00	27.97 1.07 0.00	22.72 0.93 0.00	17.47 0.74 0.00	19.49 0.87 0.00	22.90 0.91 0.00	25.46 0.79 0.00	21.21 0.74 0.00	22.51 0.81 0.00	23.73 1.01 0.00	22.79 1.05 0.00	24.02 1.13 0.00	26.72 1.30 0.00	30.00 1.35 0.00	34.21 1.50 0.00	46.77 1.95 0.00	65.18 2.56 0.00	80.31 3.21 0.00	70.89 2.83 0.00	59.87 2.14 0.00	72.54 2.61 0.00	44.35 1.48 0.00	33.87 1.13 0.00
POLETTI_____ 23519	32.69 1.31 0.00	31.12 1.37 0.00	28.20 1.31 0.00	22.88 1.10 0.00	17.60 0.88 0.00	19.64 1.02 0.00	23.06 1.06 0.00	25.59 0.93 0.00	21.38 0.90 0.00	22.73 1.03 0.00	24.06 1.33 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.09 1.67 0.00	30.38 1.72 0.00	34.62 1.91 0.00	47.01 2.19 0.00	65.12 2.50 0.00	80.17 3.07 0.00	70.60 2.54 0.00	59.54 1.81 0.00	72.29 2.36 0.00	44.40 1.52 0.00	34.01 1.28 0.00
POMONA___ESR 323819	32.35 0.96 0.00	30.81 1.06 0.00	27.88 0.99 0.00	22.62 0.83 0.00	17.38 0.66 0.00	19.41 0.78 0.00	22.80 0.80 0.00	25.33 0.66 0.00	21.13 0.66 0.00	22.47 0.77 0.00	23.75 1.02 0.00	22.84 1.10 0.00	24.07 1.18 0.00	26.77 1.35 0.00	30.09 1.43 0.00	34.30 1.59 0.00	46.63 1.82 0.00	64.78 2.16 0.00	79.81 2.71 0.00	70.30 2.25 0.00	59.31 1.58 0.00	71.99 2.06 0.00	44.09 1.21 0.00	33.72 0.99 0.00
PORT_JEFF_3 23555	32.62 1.24 0.00	31.10 1.36 0.00	28.18 1.28 0.00	22.79 1.01 0.00	17.52 0.79 0.00	19.53 0.91 0.00	22.84 0.85 0.00	25.40 0.73 0.00	21.08 0.60 0.00	22.58 0.87 0.00	24.27 1.55 0.00	23.49 1.75 0.00	25.80 1.89 -1.02	43.83 2.12 -16.29	44.61 2.30 -13.65	40.42 2.52 -5.18	47.56 2.75 0.00	65.80 3.18 0.00	80.88 3.78 0.00	70.87 2.81 0.00	59.83 2.10 0.00	72.92 3.00 0.00	44.29 1.41 0.00	33.83 1.09 0.00
PORT_JEFF_4 23616	32.62 1.24 0.00	31.10 1.36 0.00	28.18 1.28 0.00	22.79 1.01 0.00	17.52 0.79 0.00	19.53 0.91 0.00	22.84 0.85 0.00	25.40 0.73 0.00	21.08 0.60 0.00	22.58 0.87 0.00	24.27 1.55 0.00	23.49 1.75 0.00	25.80 1.89 -1.02	43.83 2.12 -16.29	44.61 2.30 -13.65	40.42 2.52 -5.18	47.56 2.75 0.00	65.80 3.18 0.00	80.88 3.78 0.00	70.87 2.81 0.00	59.83 2.10 0.00	72.92 3.00 0.00	44.29 1.41 0.00	33.83 1.09 0.00

PORT_JEFF_IC 23713	32.64 1.25 0.00	31.12 1.38 0.00	28.19 1.29 0.00	22.80 1.02 0.00	17.52 0.80 0.00	19.54 0.91 0.00	22.85 0.85 0.00	25.42 0.75 0.00	21.09 0.62 0.00	22.59 0.88 0.00	24.29 1.57 0.00	23.52 1.78 0.00	25.84 1.93 -1.02	43.89 2.18 -16.29	44.67 2.36 -13.65	40.51 2.61 -5.18	47.67 2.86 0.00	65.74 3.12 0.00	80.82 3.72 0.00	70.79 2.73 0.00	59.75 2.02 0.00	73.05 3.12 0.00	44.35 1.47 0.00	33.87 1.13 0.00
PPL PILGRIM_ST_GT1 24216	32.84 1.46 0.00	31.33 1.59 0.00	28.36 1.47 0.00	22.94 1.16 0.00	17.62 0.90 0.00	19.66 1.04 0.00	22.99 0.99 0.00	25.57 0.90 0.00	21.20 0.72 0.00	22.69 0.98 0.00	24.40 1.67 0.00	23.60 1.86 0.00	25.91 2.00 -1.02	43.95 2.24 -16.29	44.70 2.39 -13.65	40.44 2.54 -5.18	47.53 2.72 0.00	65.91 3.29 0.00	80.62 3.52 0.00	70.65 2.59 0.00	59.97 2.24 0.00	73.16 3.23 0.00	44.60 1.72 0.00	34.06 1.32 0.00
PPL PILGRIM_ST_GT2 24217	32.84 1.46 0.00	31.33 1.59 0.00	28.36 1.47 0.00	22.94 1.16 0.00	17.62 0.90 0.00	19.66 1.04 0.00	22.99 0.99 0.00	25.57 0.90 0.00	21.20 0.72 0.00	22.69 0.98 0.00	24.40 1.67 0.00	23.60 1.86 0.00	25.91 2.00 -1.02	43.95 2.24 -16.29	44.70 2.39 -13.65	40.44 2.54 -5.18	47.53 2.72 0.00	65.91 3.29 0.00	80.62 3.52 0.00	70.65 2.59 0.00	59.97 2.24 0.00	73.16 3.23 0.00	44.60 1.72 0.00	34.06 1.32 0.00
PPL_SHRM_GT3 24213	32.32 0.94 0.00	30.79 1.05 0.00	27.91 1.01 0.00	22.57 0.79 0.00	17.34 0.62 0.00	19.34 0.71 0.00	22.61 0.62 0.00	25.16 0.49 0.00	20.89 0.41 0.00	22.37 0.66 0.00	24.06 1.34 0.00	23.30 1.56 0.00	25.61 1.71 -1.02	43.63 1.93 -16.29	44.40 2.09 -13.65	40.21 2.32 -5.18	47.34 2.52 0.00	65.69 3.07 0.00	80.85 3.74 0.00	70.81 2.75 0.00	59.70 1.97 0.00	72.58 2.65 0.00	43.99 1.11 0.00	33.57 0.83 0.00
PPL_SHRM_GT4 24214	32.32 0.94 0.00	30.79 1.05 0.00	27.91 1.01 0.00	22.57 0.79 0.00	17.34 0.62 0.00	19.34 0.71 0.00	22.61 0.62 0.00	25.16 0.49 0.00	20.89 0.41 0.00	22.37 0.66 0.00	24.06 1.34 0.00	23.30 1.56 0.00	25.61 1.71 -1.02	43.63 1.93 -16.29	44.40 2.09 -13.65	40.21 2.32 -5.18	47.34 2.52 0.00	65.69 3.07 0.00	80.85 3.74 0.00	70.81 2.75 0.00	59.70 1.97 0.00	72.58 2.65 0.00	43.99 1.11 0.00	33.57 0.83 0.00
PROJECT___ORANGE 1 24174	30.93 -0.45 0.00	29.44 -0.31 0.00	26.63 -0.26 0.00	21.60 -0.19 0.00	16.55 -0.17 0.00	18.47 -0.16 0.00	21.79 -0.21 0.00	24.28 -0.39 0.00	20.10 -0.38 0.00	21.31 -0.39 0.00	22.27 -0.46 0.00	21.29 -0.45 0.00	22.43 -0.46 0.00	24.95 -0.47 0.00	28.16 -0.50 0.00	32.20 -0.52 0.00	44.19 -0.63 0.00	61.89 -0.73 0.00	76.43 -0.67 0.00	67.53 -0.53 0.00	57.19 -0.54 0.00	69.11 -0.82 0.00	42.31 -0.57 0.00	32.25 -0.48 0.00
PROJECT___ORANGE 2 24166	30.93 -0.45 0.00	29.44 -0.31 0.00	26.63 -0.26 0.00	21.60 -0.19 0.00	16.55 -0.17 0.00	18.47 -0.16 0.00	21.79 -0.21 0.00	24.28 -0.39 0.00	20.10 -0.38 0.00	21.31 -0.39 0.00	22.27 -0.46 0.00	21.29 -0.45 0.00	22.43 -0.46 0.00	24.95 -0.47 0.00	28.16 -0.50 0.00	32.20 -0.52 0.00	44.19 -0.63 0.00	61.89 -0.73 0.00	76.43 -0.67 0.00	67.53 -0.53 0.00	57.19 -0.54 0.00	69.11 -0.82 0.00	42.31 -0.57 0.00	32.25 -0.48 0.00
PUCKETT___SOLAR 323809	31.64 0.26 0.00	30.15 0.41 0.00	27.20 0.31 0.00	22.03 0.25 0.00	16.87 0.15 0.00	18.88 0.26 0.00	22.26 0.27 0.00	24.75 0.09 0.00	20.45 -0.03 0.00	21.55 -0.16 0.00	22.49 -0.24 0.00	21.53 -0.21 0.00	22.69 -0.20 0.00	25.27 -0.15 0.00	28.56 -0.10 0.00	32.69 -0.02 0.00	44.89 0.08 0.00	63.04 0.42 0.00	78.12 1.01 0.00	69.25 1.19 0.00	58.82 1.09 0.00	71.24 1.31 0.00	43.47 0.59 0.00	33.17 0.43 0.00
PYRITES___HYD 24023	32.80 1.42 0.00	30.77 1.03 0.00	27.40 0.51 0.00	22.12 0.33 0.00	16.92 0.20 0.00	18.81 0.18 0.00	22.26 0.26 0.00	25.46 0.79 0.00	21.00 0.53 0.00	22.20 0.50 0.00	23.15 0.43 0.00	22.13 0.38 0.00	23.27 0.38 0.00	25.92 0.50 0.00	29.37 0.71 0.00	33.44 0.73 0.00	46.14 1.33 0.00	65.04 2.42 0.00	79.95 2.85 0.00	70.79 2.74 0.00	60.42 2.69 0.00	73.70 3.77 0.00	45.19 2.31 0.00	34.43 1.69 0.00
QUAKERRD_115KV_BK1 80622	30.48 -0.90 0.00	29.15 -0.60 0.00	26.26 -0.63 0.00	21.24 -0.54 0.00	16.23 -0.49 0.00	18.12 -0.51 0.00	21.39 -0.60 0.00	23.75 -0.91 0.00	19.65 -0.83 0.00	20.87 -0.84 0.00	21.81 -0.92 0.00	20.92 -0.82 0.00	22.06 -0.83 0.00	24.62 -0.80 0.00	27.96 -0.69 0.00	31.94 -0.77 0.00	43.83 -0.99 0.00	61.38 -1.24 0.00	75.59 -1.51 0.00	66.72 -1.33 0.00	56.45 -1.28 0.00	68.18 -1.75 0.00	41.85 -1.03 0.00	31.86 -0.87 0.00
QUENSBRY_115KV_TB8 356137	32.85 1.46 0.00	31.13 1.39 0.00	28.29 1.40 0.00	23.03 1.25 0.00	17.70 0.98 0.00	19.75 1.13 0.00	23.24 1.25 0.00	25.80 1.13 0.00	21.35 0.87 0.00	22.47 0.77 0.00	23.36 0.64 0.00	22.29 0.55 0.00	23.48 0.59 0.00	26.00 0.59 0.00	29.16 0.51 0.00	33.36 0.65 0.00	46.20 1.38 0.00	65.26 2.64 0.00	81.55 4.44 0.00	72.38 4.32 0.00	61.32 3.59 0.00	74.01 4.08 0.00	45.08 2.20 0.00	34.42 1.68 0.00
RAMAPO___LBMP 323565	32.21 0.83 0.00	30.66 0.92 0.00	27.75 0.86 0.00	22.50 0.72 0.00	17.30 0.58 0.00	19.31 0.69 0.00	22.69 0.70 0.00	25.22 0.55 0.00	21.03 0.56 0.00	22.36 0.65 0.00	23.61 0.88 0.00	22.71 0.97 0.00	23.93 1.04 0.00	26.60 1.18 0.00	29.89 1.23 0.00	34.09 1.38 0.00	46.35 1.54 0.00	64.40 1.78 0.00	79.35 2.25 0.00	69.95 1.89 0.00	59.02 1.29 0.00	71.64 1.71 0.00	43.88 1.00 0.00	33.57 0.83 0.00
RANKINE____ 23646	30.93 -0.46 0.00	29.93 0.19 0.00	26.76 -0.14 0.00	21.58 -0.21 0.00	16.35 -0.37 0.00	18.32 -0.30 0.00	21.70 -0.29 0.00	23.89 -0.78 0.00	19.71 -0.77 0.00	20.97 -0.74 0.00	21.89 -0.83 0.00	21.13 -0.61 0.00	22.26 -0.63 0.00	24.94 -0.48 0.00	28.52 -0.14 0.00	32.41 -0.30 0.00	44.21 -0.60 0.00	61.65 -0.97 0.00	75.49 -1.62 0.00	66.55 -1.51 0.00	56.40 -1.33 0.00	68.25 -1.68 0.00	42.22 -0.65 0.00	32.27 -0.46 0.00
RAVENSWOOD_GT2_1 24244	32.72 1.34 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.65 1.02 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.38 0.91 0.00	22.74 1.03 0.00	24.06 1.33 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.10 1.68 0.00	30.41 1.75 0.00	34.65 1.94 0.00	47.08 2.27 0.00	65.23 2.61 0.00	80.31 3.21 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.45 2.52 0.00	44.47 1.59 0.00	34.06 1.33 0.00
RAVENSWOOD_GT2_2 24245	32.72 1.34 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.65 1.02 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.38 0.91 0.00	22.74 1.03 0.00	24.06 1.33 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.10 1.68 0.00	30.41 1.75 0.00	34.65 1.94 0.00	47.08 2.27 0.00	65.23 2.61 0.00	80.31 3.21 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.45 2.52 0.00	44.47 1.59 0.00	34.06 1.33 0.00

RAVENSWOOD_GT2_3 24246	32.73 1.35 0.00	31.17 1.43 0.00	28.23 1.34 0.00	22.90 1.12 0.00	17.62 0.90 0.00	19.66 1.03 0.00	23.08 1.08 0.00	25.63 0.96 0.00	21.40 0.92 0.00	22.75 1.04 0.00	24.07 1.35 0.00	23.17 1.43 0.00	24.40 1.51 0.00	27.10 1.68 0.00	30.43 1.77 0.00	34.67 1.96 0.00	47.10 2.29 0.00	65.28 2.66 0.00	80.36 3.26 0.00	70.77 2.71 0.00	59.69 1.96 0.00	72.49 2.56 0.00	44.50 1.62 0.00	34.08 1.35 0.00
RAVENSWOOD_GT2_4 24247	32.73 1.35 0.00	31.17 1.43 0.00	28.23 1.34 0.00	22.90 1.12 0.00	17.62 0.90 0.00	19.66 1.03 0.00	23.08 1.08 0.00	25.63 0.96 0.00	21.40 0.92 0.00	22.75 1.04 0.00	24.07 1.35 0.00	23.17 1.43 0.00	24.40 1.51 0.00	27.10 1.68 0.00	30.43 1.77 0.00	34.67 1.96 0.00	47.10 2.29 0.00	65.28 2.66 0.00	80.36 3.26 0.00	70.77 2.71 0.00	59.69 1.96 0.00	72.49 2.56 0.00	44.50 1.62 0.00	34.08 1.35 0.00
RAVENSWOOD_GT3_1 24248	32.72 1.34 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.90 1.11 0.00	17.60 0.88 0.00	19.65 1.02 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.91 0.00	22.74 1.03 0.00	24.06 1.34 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.10 1.68 0.00	30.41 1.75 0.00	34.65 1.94 0.00	47.08 2.27 0.00	65.23 2.61 0.00	80.31 3.21 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.45 2.52 0.00	44.47 1.59 0.00	34.07 1.33 0.00
RAVENSWOOD_GT3_2 24249	32.72 1.34 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.90 1.11 0.00	17.60 0.88 0.00	19.65 1.02 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.91 0.00	22.74 1.03 0.00	24.06 1.34 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.10 1.68 0.00	30.41 1.75 0.00	34.65 1.94 0.00	47.08 2.27 0.00	65.23 2.61 0.00	80.31 3.21 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.45 2.52 0.00	44.47 1.59 0.00	34.07 1.33 0.00
RAVENSWOOD_GT3_3 24250	32.77 1.39 0.00	31.20 1.46 0.00	28.26 1.37 0.00	22.93 1.14 0.00	17.64 0.92 0.00	19.68 1.06 0.00	23.10 1.11 0.00	25.65 0.98 0.00	21.42 0.95 0.00	22.78 1.07 0.00	24.10 1.37 0.00	23.19 1.45 0.00	24.43 1.54 0.00	27.15 1.72 0.00	30.46 1.81 0.00	34.72 2.01 0.00	47.17 2.35 0.00	65.36 2.74 0.00	80.47 3.37 0.00	70.87 2.81 0.00	59.77 2.04 0.00	72.58 2.65 0.00	44.56 1.68 0.00	34.12 1.38 0.00
RAVENSWOOD_GT3_4 24251	32.77 1.39 0.00	31.20 1.46 0.00	28.26 1.37 0.00	22.93 1.14 0.00	17.64 0.92 0.00	19.68 1.06 0.00	23.10 1.11 0.00	25.65 0.98 0.00	21.42 0.95 0.00	22.78 1.07 0.00	24.10 1.37 0.00	23.19 1.45 0.00	24.43 1.54 0.00	27.15 1.72 0.00	30.46 1.81 0.00	34.72 2.01 0.00	47.17 2.35 0.00	65.36 2.74 0.00	80.47 3.37 0.00	70.87 2.81 0.00	59.77 2.04 0.00	72.58 2.65 0.00	44.56 1.68 0.00	34.12 1.38 0.00
RAVENSWOOD_GT_1 23729	32.84 1.46 0.00	31.28 1.54 0.00	28.34 1.44 0.00	22.99 1.21 0.00	17.68 0.96 0.00	19.73 1.10 0.00	23.16 1.17 0.00	25.72 1.05 0.00	21.47 0.99 0.00	22.83 1.13 0.00	24.15 1.43 0.00	23.26 1.51 0.00	24.50 1.60 0.00	27.22 1.80 0.00	30.53 1.87 0.00	34.76 2.05 0.00	47.14 2.33 0.00	65.23 2.61 0.00	80.40 3.30 0.00	70.79 2.73 0.00	59.71 1.98 0.00	72.56 2.63 0.00	44.62 1.74 0.00	34.19 1.45 0.00
RAVENSWOOD_GT_10 24258	32.72 1.34 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.65 1.02 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.38 0.91 0.00	22.74 1.03 0.00	24.06 1.33 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.09 1.67 0.00	30.41 1.75 0.00	34.65 1.94 0.00	47.08 2.27 0.00	65.24 2.62 0.00	80.31 3.21 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.45 2.52 0.00	44.47 1.59 0.00	34.06 1.32 0.00
RAVENSWOOD_GT_11 24259	32.72 1.34 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.65 1.02 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.38 0.91 0.00	22.74 1.03 0.00	24.06 1.33 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.09 1.67 0.00	30.41 1.75 0.00	34.65 1.94 0.00	47.08 2.27 0.00	65.24 2.62 0.00	80.31 3.21 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.45 2.52 0.00	44.47 1.59 0.00	34.06 1.32 0.00
RAVENSWOOD_GT_4 24252	32.72 1.34 0.00	31.16 1.42 0.00	28.22 1.32 0.00	22.90 1.11 0.00	17.60 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.91 0.00	22.74 1.03 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.38 1.49 0.00	27.10 1.68 0.00	30.41 1.75 0.00	34.66 1.95 0.00	47.08 2.27 0.00	65.24 2.62 0.00	80.32 3.22 0.00	70.73 2.67 0.00	59.66 1.94 0.00	72.46 2.53 0.00	44.48 1.60 0.00	34.07 1.33 0.00
RAVENSWOOD_GT_5 24254	32.72 1.34 0.00	31.16 1.42 0.00	28.22 1.32 0.00	22.90 1.11 0.00	17.60 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.91 0.00	22.74 1.03 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.38 1.49 0.00	27.10 1.68 0.00	30.41 1.75 0.00	34.66 1.95 0.00	47.08 2.27 0.00	65.24 2.62 0.00	80.32 3.22 0.00	70.73 2.67 0.00	59.66 1.94 0.00	72.46 2.53 0.00	44.48 1.60 0.00	34.07 1.33 0.00
RAVENSWOOD_GT_6 24253	32.72 1.34 0.00	31.16 1.42 0.00	28.22 1.32 0.00	22.90 1.11 0.00	17.60 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.91 0.00	22.74 1.03 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.38 1.49 0.00	27.10 1.68 0.00	30.41 1.75 0.00	34.66 1.95 0.00	47.08 2.27 0.00	65.24 2.62 0.00	80.32 3.22 0.00	70.73 2.67 0.00	59.66 1.94 0.00	72.46 2.53 0.00	44.48 1.60 0.00	34.07 1.33 0.00
RAVENSWOOD_GT_7 24255	32.72 1.34 0.00	31.16 1.42 0.00	28.22 1.32 0.00	22.90 1.11 0.00	17.60 0.89 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.39 0.91 0.00	22.74 1.03 0.00	24.06 1.34 0.00	23.16 1.42 0.00	24.38 1.49 0.00	27.10 1.68 0.00	30.41 1.75 0.00	34.66 1.95 0.00	47.08 2.27 0.00	65.24 2.62 0.00	80.32 3.22 0.00	70.73 2.67 0.00	59.66 1.94 0.00	72.46 2.53 0.00	44.48 1.60 0.00	34.07 1.33 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.72 1.34 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.65 1.02 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.38 0.91 0.00	22.74 1.03 0.00	24.06 1.33 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.09 1.67 0.00	30.41 1.75 0.00	34.65 1.94 0.00	47.08 2.27 0.00	65.24 2.62 0.00	80.31 3.21 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.45 2.52 0.00	44.47 1.59 0.00	34.06 1.32 0.00
RAVENSWOOD_GT_9 24257	32.72 1.34 0.00	31.15 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.65 1.02 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.38 0.91 0.00	22.74 1.03 0.00	24.06 1.33 0.00	23.15 1.41 0.00	24.38 1.49 0.00	27.09 1.67 0.00	30.41 1.75 0.00	34.65 1.94 0.00	47.08 2.27 0.00	65.24 2.62 0.00	80.31 3.21 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.45 2.52 0.00	44.47 1.59 0.00	34.06 1.32 0.00

RAVENSWOOD___1 23533	32.85 1.46 0.00	31.29 1.53 -0.01	28.34 1.44 -0.01	23.00 1.20 -0.01	17.68 0.96 -0.01	19.74 1.10 -0.01	23.17 1.17 -0.01	25.73 1.05 -0.01	21.47 0.99 -0.01	22.83 1.13 0.00	24.15 1.43 0.00	23.26 1.51 0.00	24.50 1.60 0.00	27.22 1.80 0.00	30.53 1.87 0.00	34.77 2.06 0.00	47.14 2.33 0.00	65.23 2.61 0.00	80.40 3.29 0.00	70.79 2.73 0.00	59.71 1.98 0.00	72.56 2.64 0.00	44.62 1.74 0.00	34.20 1.45 -0.01
RAVENSWOOD___2 23534	32.85 1.46 0.00	31.29 1.53 -0.01	28.34 1.44 -0.01	23.00 1.20 -0.01	17.68 0.96 -0.01	19.74 1.10 -0.01	23.17 1.17 -0.01	25.73 1.05 -0.01	21.47 0.99 -0.01	22.83 1.13 0.00	24.15 1.43 0.00	23.26 1.51 0.00	24.50 1.60 0.00	27.22 1.80 0.00	30.53 1.87 0.00	34.77 2.06 0.00	47.14 2.33 0.00	65.23 2.61 0.00	80.40 3.29 0.00	70.79 2.73 0.00	59.71 1.98 0.00	72.56 2.64 0.00	44.62 1.74 0.00	34.20 1.45 -0.01
RAVENSWOOD___3 23535	32.72 1.34 0.00	31.16 1.41 0.00	28.22 1.32 0.00	22.89 1.11 0.00	17.60 0.88 0.00	19.65 1.03 0.00	23.07 1.08 0.00	25.62 0.95 0.00	21.38 0.91 0.00	22.74 1.03 0.00	24.06 1.34 0.00	23.15 1.42 0.00	24.38 1.49 0.00	27.10 1.68 0.00	30.41 1.75 0.00	34.66 1.95 0.00	47.09 2.27 0.00	65.24 2.62 0.00	80.32 3.22 0.00	70.73 2.67 0.00	59.66 1.93 0.00	72.45 2.53 0.00	44.48 1.60 0.00	34.07 1.33 0.00
RAVENSWOOD___4 23820	32.85 1.46 0.00	31.29 1.53 -0.01	28.34 1.44 -0.01	23.00 1.20 -0.01	17.68 0.96 -0.01	19.74 1.10 -0.01	23.17 1.17 -0.01	25.73 1.05 -0.01	21.47 0.99 -0.01	22.83 1.13 0.00	24.15 1.43 0.00	23.26 1.51 0.00	24.50 1.60 0.00	27.22 1.80 0.00	30.53 1.87 0.00	34.77 2.06 0.00	47.14 2.33 0.00	65.23 2.61 0.00	80.40 3.29 0.00	70.79 2.73 0.00	59.71 1.98 0.00	72.56 2.64 0.00	44.62 1.74 0.00	34.20 1.45 -0.01
RCPL_TRUST___DRP 24196	32.72 1.34 0.00	31.17 1.42 0.00	28.23 1.34 0.00	22.90 1.11 0.00	17.61 0.90 0.00	19.66 1.03 0.00	23.08 1.08 0.00	25.62 0.95 0.00	21.40 0.92 0.00	22.75 1.04 0.00	24.07 1.35 0.00	23.17 1.43 0.00	24.39 1.50 0.00	27.10 1.68 0.00	30.42 1.76 0.00	34.67 1.96 0.00	47.10 2.28 0.00	65.24 2.62 0.00	80.31 3.21 0.00	70.71 2.66 0.00	59.64 1.92 0.00	72.41 2.48 0.00	44.47 1.59 0.00	34.05 1.31 0.00
RED___ROCHESTER 323720	31.38 0.00 0.00	30.05 0.31 0.00	27.02 0.12 0.00	21.84 0.06 0.00	16.66 -0.06 0.00	18.61 -0.02 0.00	21.99 -0.01 0.00	24.37 -0.30 0.00	20.14 -0.33 0.00	21.42 -0.29 0.00	22.40 -0.32 0.00	21.53 -0.21 0.00	22.71 -0.18 0.00	25.41 -0.02 0.00	28.91 0.25 0.00	33.01 0.29 0.00	45.33 0.52 0.00	63.48 0.86 0.00	78.14 1.04 0.00	68.95 0.90 0.00	58.32 0.59 0.00	70.41 0.48 0.00	43.23 0.35 0.00	32.86 0.13 0.00
REGAN___SOLAR 323812	33.09 1.71 0.00	31.35 1.61 0.00	28.35 1.45 0.00	22.95 1.16 0.00	17.59 0.87 0.00	19.60 0.97 0.00	23.10 1.10 0.00	25.53 0.86 0.00	20.73 0.25 0.00	21.74 0.03 0.00	22.66 -0.07 0.00	21.67 -0.07 0.00	22.84 -0.05 0.00	25.32 -0.10 0.00	28.53 -0.12 0.00	32.64 -0.08 0.00	45.04 0.23 0.00	63.81 1.19 0.00	80.20 3.10 0.00	72.26 4.20 0.00	61.61 3.89 0.00	74.58 4.65 0.00	45.59 2.71 0.00	34.67 1.93 0.00
RENSSELAER___COGEN 23796	31.59 0.20 0.00	30.03 0.29 0.00	27.30 0.40 0.00	22.21 0.42 0.00	17.10 0.38 0.00	19.05 0.43 0.00	22.40 0.41 0.00	24.90 0.23 0.00	20.68 0.20 0.00	21.87 0.17 0.00	22.93 0.21 0.00	21.95 0.21 0.00	23.13 0.24 0.00	25.66 0.23 0.00	28.81 0.15 0.00	32.83 0.12 0.00	44.93 0.11 0.00	62.66 0.04 0.00	77.29 0.19 0.00	68.48 0.42 0.00	57.94 0.21 0.00	70.16 0.23 0.00	43.03 0.15 0.00	32.91 0.18 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.62 3.24 0.00	32.75 3.00 0.00	29.83 2.93 0.00	24.41 2.63 0.00	18.70 1.98 0.00	20.96 2.34 0.00	24.62 2.62 0.00	27.21 2.54 0.00	22.47 2.00 0.00	23.56 1.86 0.00	24.43 1.70 0.00	23.29 1.55 0.00	24.55 1.66 0.00	27.18 1.76 0.00	30.39 1.73 0.00	34.87 2.15 0.00	48.68 3.86 0.00	69.32 6.70 0.00	86.95 9.84 0.00	77.53 9.47 0.00	65.65 7.92 0.00	79.00 9.07 0.00	47.72 4.84 0.00	36.51 3.78 0.00
REVERE_CPPR_DRP 24186	32.15 0.76 0.00	30.46 0.72 0.00	27.51 0.61 0.00	22.28 0.49 0.00	17.13 0.40 0.00	19.15 0.53 0.00	22.57 0.57 0.00	25.19 0.52 0.00	20.78 0.30 0.00	21.98 0.28 0.00	22.93 0.21 0.00	21.89 0.15 0.00	23.05 0.16 0.00	25.65 0.22 0.00	28.98 0.32 0.00	33.13 0.42 0.00	45.71 0.90 0.00	64.51 1.89 0.00	80.19 3.09 0.00	71.09 3.03 0.00	60.09 2.36 0.00	72.67 2.75 0.00	44.31 1.43 0.00	33.73 1.00 0.00
REYNLDPA_13_KV_LD 356490	31.87 0.49 0.00	29.95 0.21 0.00	26.86 -0.03 0.00	21.70 -0.09 0.00	16.61 -0.10 0.00	18.45 -0.18 0.00	21.84 -0.15 0.00	24.91 0.24 0.00	20.71 0.24 0.00	22.00 0.30 0.00	23.00 0.27 0.00	22.00 0.26 0.00	23.15 0.25 0.00	25.77 0.35 0.00	29.17 0.51 0.00	33.22 0.50 0.00	45.64 0.83 0.00	63.87 1.25 0.00	78.24 1.13 0.00	68.81 0.75 0.00	58.54 0.81 0.00	71.06 1.13 0.00	43.54 0.66 0.00	33.31 0.57 0.00
REYNOLDS_115KV_TB3 80639	31.80 0.42 0.00	30.24 0.50 0.00	27.49 0.59 0.00	22.36 0.58 0.00	17.23 0.50 0.00	19.20 0.57 0.00	22.58 0.58 0.00	25.09 0.42 0.00	20.84 0.36 0.00	22.04 0.34 0.00	23.10 0.37 0.00	22.10 0.36 0.00	23.29 0.40 0.00	25.81 0.39 0.00	28.96 0.30 0.00	33.00 0.28 0.00	45.23 0.41 0.00	63.06 0.44 0.00	77.82 0.72 0.00	68.96 0.90 0.00	58.33 0.60 0.00	70.59 0.66 0.00	43.32 0.45 0.00	33.13 0.39 0.00
RIVERBAY____ 323610	33.54 2.15 0.00	32.00 2.25 0.00	28.97 2.07 0.00	23.51 1.72 0.00	18.07 1.34 0.00	20.16 1.53 0.00	23.71 1.72 0.00	26.31 1.65 0.00	21.88 1.40 0.00	23.33 1.62 0.00	24.68 1.96 0.00	23.71 1.97 0.00	24.99 2.10 0.00	27.78 2.36 0.00	31.19 2.53 0.00	35.49 2.77 0.00	48.18 3.36 0.00	66.89 4.27 0.00	82.38 5.28 0.00	72.56 4.50 0.00	61.27 3.54 0.00	74.48 4.55 0.00	45.78 2.90 0.00	35.04 2.30 0.00
RIVERSDE_115KV_TB3 55908	31.72 0.34 0.00	30.16 0.42 0.00	27.42 0.53 0.00	22.31 0.52 0.00	17.17 0.46 0.00	19.14 0.52 0.00	22.51 0.51 0.00	25.01 0.35 0.00	20.77 0.29 0.00	21.98 0.28 0.00	23.03 0.30 0.00	22.04 0.30 0.00	23.23 0.34 0.00	25.76 0.34 0.00	28.92 0.27 0.00	32.96 0.25 0.00	45.14 0.33 0.00	62.98 0.36 0.00	77.69 0.59 0.00	68.83 0.77 0.00	58.23 0.50 0.00	70.50 0.57 0.00	43.24 0.36 0.00	33.06 0.32 0.00
ROARING___BROOK_WT_PWR 323790	31.06 -0.33 0.00	29.35 -0.39 0.00	26.49 -0.41 0.00	21.43 -0.36 0.00	16.46 -0.26 0.00	18.38 -0.25 0.00	21.77 -0.22 0.00	24.53 -0.14 0.00	20.38 -0.10 0.00	21.65 -0.05 0.00	22.64 -0.08 0.00	21.61 -0.14 0.00	22.74 -0.15 0.00	25.27 -0.15 0.00	28.50 -0.16 0.00	32.45 -0.26 0.00	44.54 -0.28 0.00	62.33 -0.29 0.00	76.77 -0.33 0.00	67.74 -0.32 0.00	57.32 -0.41 0.00	69.49 -0.43 0.00	42.61 -0.27 0.00	32.49 -0.25 0.00

ROCHESRG_115KV_T4 355643	31.04 -0.35 0.00	29.73 -0.01 0.00	26.75 -0.14 0.00	21.63 -0.15 0.00	16.50 -0.22 0.00	18.43 -0.20 0.00	21.78 -0.21 0.00	24.15 -0.52 0.00	19.96 -0.51 0.00	21.21 -0.50 0.00	22.16 -0.57 0.00	21.29 -0.45 0.00	22.44 -0.46 0.00	25.06 -0.36 0.00	28.49 -0.17 0.00	32.51 -0.20 0.00	44.58 -0.23 0.00	62.37 -0.25 0.00	76.75 -0.36 0.00	67.75 -0.30 0.00	57.34 -0.38 0.00	69.28 -0.65 0.00	42.58 -0.30 0.00	32.42 -0.31 0.00
ROCHESTER_9_IC 23652	31.22 -0.17 0.00	29.90 0.16 0.00	26.90 0.00 0.00	21.75 -0.04 0.00	16.58 -0.14 0.00	18.52 -0.10 0.00	21.89 -0.11 0.00	24.26 -0.41 0.00	20.05 -0.43 0.00	21.32 -0.39 0.00	22.29 -0.44 0.00	21.41 -0.32 0.00	22.58 -0.31 0.00	25.23 -0.19 0.00	28.70 0.05 0.00	32.76 0.05 0.00	44.96 0.15 0.00	62.93 0.31 0.00	77.44 0.34 0.00	68.36 0.30 0.00	57.84 0.11 0.00	69.85 -0.08 0.00	42.91 0.04 0.00	32.65 -0.09 0.00
ROCKVIEW_13_KV_LD 356306	32.69 1.30 0.00	31.12 1.37 0.00	28.18 1.28 0.00	22.86 1.07 0.00	17.58 0.85 0.00	19.62 0.99 0.00	23.03 1.04 0.00	25.59 0.91 0.00	21.35 0.87 0.00	22.70 1.00 0.00	24.03 1.30 0.00	23.13 1.39 0.00	24.37 1.48 0.00	27.09 1.67 0.00	30.41 1.75 0.00	34.67 1.96 0.00	47.16 2.35 0.00	65.42 2.80 0.00	80.53 3.43 0.00	70.95 2.89 0.00	59.85 2.12 0.00	72.64 2.72 0.00	44.53 1.65 0.00	34.07 1.33 0.00
ROME____115KV_TB2 80656	32.15 0.76 0.00	30.46 0.72 0.00	27.51 0.61 0.00	22.28 0.49 0.00	17.13 0.40 0.00	19.15 0.53 0.00	22.57 0.57 0.00	25.19 0.52 0.00	20.78 0.30 0.00	21.98 0.28 0.00	22.93 0.21 0.00	21.89 0.15 0.00	23.05 0.16 0.00	25.65 0.22 0.00	28.98 0.32 0.00	33.13 0.42 0.00	45.71 0.90 0.00	64.51 1.89 0.00	80.19 3.09 0.00	71.09 3.03 0.00	60.09 2.36 0.00	72.67 2.75 0.00	44.31 1.43 0.00	33.73 1.00 0.00
ROSETON____1 23587	32.16 0.77 0.00	30.60 0.85 0.00	27.75 0.85 0.00	22.53 0.74 0.00	17.32 0.60 0.00	19.33 0.71 0.00	22.71 0.71 0.00	25.25 0.58 0.00	21.03 0.56 0.00	22.33 0.63 0.00	23.55 0.83 0.00	22.62 0.88 0.00	23.83 0.94 0.00	26.48 1.06 0.00	29.73 1.07 0.00	33.88 1.16 0.00	46.20 1.39 0.00	64.25 1.63 0.00	79.14 2.04 0.00	69.84 1.78 0.00	59.00 1.27 0.00	71.55 1.62 0.00	43.84 0.96 0.00	33.52 0.78 0.00
ROSETON____2 23588	32.16 0.77 0.00	30.60 0.85 0.00	27.75 0.85 0.00	22.53 0.74 0.00	17.32 0.60 0.00	19.33 0.71 0.00	22.71 0.71 0.00	25.25 0.58 0.00	21.03 0.56 0.00	22.33 0.63 0.00	23.55 0.83 0.00	22.62 0.88 0.00	23.83 0.94 0.00	26.48 1.06 0.00	29.73 1.07 0.00	33.88 1.16 0.00	46.20 1.39 0.00	64.25 1.63 0.00	79.14 2.04 0.00	69.84 1.78 0.00	59.00 1.27 0.00	71.55 1.62 0.00	43.84 0.96 0.00	33.52 0.78 0.00
ROTRTDAM_115KV_TB3 80664	32.00 0.61 0.00	30.39 0.65 0.00	27.57 0.68 0.00	22.38 0.60 0.00	17.20 0.48 0.00	19.19 0.56 0.00	22.59 0.59 0.00	25.13 0.46 0.00	20.83 0.35 0.00	22.03 0.32 0.00	23.07 0.34 0.00	22.07 0.33 0.00	23.25 0.36 0.00	25.80 0.38 0.00	29.01 0.36 0.00	33.11 0.40 0.00	45.43 0.62 0.00	63.53 0.91 0.00	78.49 1.39 0.00	69.55 1.50 0.00	58.95 1.22 0.00	71.36 1.44 0.00	43.73 0.85 0.00	33.41 0.67 0.00
RUSSELL____1 23602	31.38 0.00 0.00	30.05 0.31 0.00	27.02 0.12 0.00	21.84 0.06 0.00	16.66 -0.06 0.00	18.60 -0.02 0.00	21.99 -0.01 0.00	24.36 -0.30 0.00	20.14 -0.33 0.00	21.42 -0.29 0.00	22.40 -0.32 0.00	21.53 -0.21 0.00	22.71 -0.18 0.00	25.41 -0.02 0.00	28.91 0.25 0.00	33.01 0.30 0.00	45.33 0.52 0.00	63.48 0.86 0.00	78.14 1.04 0.00	68.96 0.90 0.00	58.32 0.59 0.00	70.40 0.48 0.00	43.23 0.35 0.00	32.86 0.13 0.00
RUSSELL____2 23532	31.38 0.00 0.00	30.05 0.31 0.00	27.02 0.12 0.00	21.84 0.06 0.00	16.66 -0.06 0.00	18.60 -0.02 0.00	21.99 -0.01 0.00	24.36 -0.30 0.00	20.14 -0.33 0.00	21.42 -0.29 0.00	22.40 -0.32 0.00	21.53 -0.21 0.00	22.71 -0.18 0.00	25.41 -0.02 0.00	28.91 0.25 0.00	33.01 0.30 0.00	45.33 0.52 0.00	63.48 0.86 0.00	78.14 1.04 0.00	68.96 0.90 0.00	58.32 0.59 0.00	70.40 0.48 0.00	43.23 0.35 0.00	32.86 0.13 0.00
RUSSELL____3 23549	31.38 0.00 0.00	30.05 0.31 0.00	27.02 0.12 0.00	21.84 0.06 0.00	16.66 -0.06 0.00	18.60 -0.02 0.00	21.99 -0.01 0.00	24.36 -0.30 0.00	20.14 -0.33 0.00	21.42 -0.29 0.00	22.40 -0.32 0.00	21.53 -0.21 0.00	22.71 -0.18 0.00	25.41 -0.02 0.00	28.91 0.25 0.00	33.01 0.30 0.00	45.33 0.52 0.00	63.48 0.86 0.00	78.14 1.04 0.00	68.96 0.90 0.00	58.32 0.59 0.00	70.40 0.48 0.00	43.23 0.35 0.00	32.86 0.13 0.00
RUSSELL____4 23556	31.38 0.00 0.00	30.05 0.31 0.00	27.02 0.12 0.00	21.84 0.06 0.00	16.66 -0.06 0.00	18.60 -0.02 0.00	21.99 -0.01 0.00	24.36 -0.30 0.00	20.14 -0.33 0.00	21.42 -0.29 0.00	22.40 -0.32 0.00	21.53 -0.21 0.00	22.71 -0.18 0.00	25.41 -0.02 0.00	28.91 0.25 0.00	33.01 0.30 0.00	45.33 0.52 0.00	63.48 0.86 0.00	78.14 1.04 0.00	68.96 0.90 0.00	58.32 0.59 0.00	70.40 0.48 0.00	43.23 0.35 0.00	32.86 0.13 0.00
RUSSELL____STATION 23914	31.38 0.00 0.00	30.05 0.31 0.00	27.02 0.12 0.00	21.84 0.06 0.00	16.66 -0.06 0.00	18.60 -0.02 0.00	21.99 -0.01 0.00	24.36 -0.30 0.00	20.14 -0.33 0.00	21.42 -0.29 0.00	22.40 -0.32 0.00	21.53 -0.21 0.00	22.71 -0.18 0.00	25.41 -0.02 0.00	28.91 0.25 0.00	33.01 0.30 0.00	45.33 0.52 0.00	63.48 0.86 0.00	78.14 1.04 0.00	68.96 0.90 0.00	58.32 0.59 0.00	70.40 0.48 0.00	43.23 0.35 0.00	32.86 0.13 0.00
S SALMON____HYD 24043	31.02 -0.37 0.00	29.42 -0.33 0.00	26.59 -0.31 0.00	21.55 -0.24 0.00	16.52 -0.20 0.00	18.49 -0.14 0.00	21.79 -0.21 0.00	24.34 -0.33 0.00	20.14 -0.34 0.00	21.30 -0.41 0.00	22.22 -0.50 0.00	21.21 -0.53 0.00	22.27 -0.62 0.00	24.74 -0.68 0.00	27.90 -0.76 0.00	31.91 -0.80 0.00	43.90 -0.91 0.00	61.89 -0.73 0.00	76.93 -0.17 0.00	68.09 0.03 0.00	57.44 -0.29 0.00	69.43 -0.49 0.00	42.47 -0.41 0.00	32.44 -0.30 0.00
S.PERRY__115KV_TB1 80734	32.16 0.78 0.00	30.82 1.08 0.00	27.66 0.76 0.00	22.35 0.57 0.00	17.03 0.31 0.00	19.04 0.41 0.00	22.52 0.52 0.00	24.80 0.13 0.00	20.21 -0.27 0.00	21.38 -0.32 0.00	22.32 -0.40 0.00	21.47 -0.27 0.00	22.67 -0.22 0.00	25.35 -0.07 0.00	28.86 0.20 0.00	32.95 0.24 0.00	45.22 0.40 0.00	63.43 0.81 0.00	78.47 1.37 0.00	70.09 2.03 0.00	59.83 2.10 0.00	72.42 2.49 0.00	44.38 1.50 0.00	33.72 0.98 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.73 -0.65 0.00	29.77 0.02 0.00	26.61 -0.29 0.00	21.46 -0.32 0.00	16.26 -0.46 0.00	18.20 -0.43 0.00	21.57 -0.43 0.00	23.73 -0.94 0.00	19.58 -0.90 0.00	20.86 -0.84 0.00	21.77 -0.95 0.00	21.00 -0.74 0.00	22.12 -0.77 0.00	24.78 -0.64 0.00	28.33 -0.32 0.00	32.15 -0.56 0.00	43.87 -0.95 0.00	61.08 -1.55 0.00	74.68 -2.43 0.00	65.83 -2.23 0.00	55.78 -1.95 0.00	67.50 -2.43 0.00	41.86 -1.01 0.00	32.00 -0.74 0.00

SAWYER___23_KV_LOAD 55526	30.73 -0.65 0.00	29.77 0.02 0.00	26.61 -0.29 0.00	21.46 -0.32 0.00	16.26 -0.46 0.00	18.20 -0.43 0.00	21.57 -0.43 0.00	23.73 -0.94 0.00	19.58 -0.90 0.00	20.86 -0.84 0.00	21.77 -0.95 0.00	21.00 -0.74 0.00	22.12 -0.77 0.00	24.78 -0.64 0.00	28.33 -0.32 0.00	32.15 -0.56 0.00	43.87 -0.95 0.00	61.08 -1.55 0.00	74.68 -2.43 0.00	65.83 -2.23 0.00	55.78 -1.95 0.00	67.50 -2.43 0.00	41.86 -1.01 0.00	32.00 -0.74 0.00
SELKIRK___I 23801	31.87 0.49 0.00	30.30 0.56 0.00	27.55 0.65 0.00	22.40 0.62 0.00	17.23 0.51 0.00	19.21 0.59 0.00	22.59 0.60 0.00	25.07 0.40 0.00	20.75 0.27 0.00	21.92 0.21 0.00	22.97 0.25 0.00	21.98 0.23 0.00	23.14 0.25 0.00	25.68 0.25 0.00	28.85 0.19 0.00	32.89 0.18 0.00	45.07 0.25 0.00	62.91 0.29 0.00	77.71 0.60 0.00	68.97 0.91 0.00	58.45 0.72 0.00	70.79 0.86 0.00	43.43 0.55 0.00	33.22 0.48 0.00
SELKIRK___II 23799	31.67 0.29 0.00	30.11 0.37 0.00	27.37 0.47 0.00	22.25 0.47 0.00	17.12 0.40 0.00	19.09 0.46 0.00	22.45 0.45 0.00	24.95 0.28 0.00	20.72 0.25 0.00	21.94 0.23 0.00	23.00 0.28 0.00	22.02 0.28 0.00	23.20 0.31 0.00	25.74 0.32 0.00	28.90 0.25 0.00	32.95 0.24 0.00	45.09 0.28 0.00	62.87 0.25 0.00	77.47 0.37 0.00	68.62 0.56 0.00	58.10 0.37 0.00	70.38 0.45 0.00	43.17 0.29 0.00	33.02 0.28 0.00
SENECA OSWGO___HYD 24041	30.75 -0.64 0.00	29.23 -0.51 0.00	26.47 -0.43 0.00	21.48 -0.31 0.00	16.47 -0.26 0.00	18.37 -0.25 0.00	21.67 -0.32 0.00	24.17 -0.50 0.00	20.02 -0.46 0.00	21.20 -0.50 0.00	22.15 -0.57 0.00	21.16 -0.58 0.00	22.26 -0.63 0.00	24.76 -0.66 0.00	27.95 -0.70 0.00	31.98 -0.73 0.00	43.85 -0.97 0.00	61.39 -1.23 0.00	75.84 -1.26 0.00	67.03 -1.03 0.00	56.76 -0.97 0.00	68.59 -1.34 0.00	42.01 -0.87 0.00	32.05 -0.68 0.00
SENECA___115KV_TB3 355854	30.97 -0.41 0.00	29.97 0.23 0.00	26.79 -0.10 0.00	21.62 -0.17 0.00	16.38 -0.34 0.00	18.35 -0.28 0.00	21.73 -0.27 0.00	23.92 -0.75 0.00	19.73 -0.75 0.00	21.00 -0.70 0.00	21.93 -0.80 0.00	21.16 -0.58 0.00	22.30 -0.59 0.00	24.99 -0.43 0.00	28.57 -0.09 0.00	32.47 -0.24 0.00	44.30 -0.52 0.00	61.77 -0.85 0.00	75.62 -1.48 0.00	66.67 -1.39 0.00	56.50 -1.23 0.00	68.36 -1.57 0.00	42.29 -0.59 0.00	32.34 -0.40 0.00
SENECA___ENERGY 23797	31.16 -0.23 0.00	29.72 -0.02 0.00	26.84 -0.05 0.00	21.73 -0.05 0.00	16.63 -0.09 0.00	18.58 -0.05 0.00	21.90 -0.09 0.00	24.36 -0.31 0.00	20.09 -0.39 0.00	21.24 -0.47 0.00	22.17 -0.55 0.00	21.24 -0.50 0.00	22.40 -0.49 0.00	24.98 -0.45 0.00	28.28 -0.38 0.00	32.35 -0.36 0.00	44.38 -0.43 0.00	62.28 -0.34 0.00	77.05 -0.05 0.00	68.33 0.28 0.00	57.96 0.23 0.00	69.97 0.04 0.00	42.79 -0.09 0.00	32.66 -0.08 0.00
SHOEMAKER___GT 23640	32.06 0.68 0.00	30.50 0.76 0.00	27.61 0.72 0.00	22.39 0.61 0.00	17.21 0.49 0.00	19.21 0.58 0.00	22.59 0.59 0.00	25.13 0.46 0.00	20.90 0.43 0.00	22.16 0.46 0.00	23.33 0.61 0.00	22.40 0.66 0.00	23.61 0.72 0.00	26.24 0.82 0.00	29.50 0.85 0.00	33.66 0.95 0.00	45.95 1.14 0.00	64.04 1.42 0.00	79.03 1.93 0.00	69.80 1.74 0.00	59.01 1.28 0.00	71.54 1.61 0.00	43.80 0.92 0.00	33.46 0.72 0.00
SHOEMAKR_138KV_BK 111 55601	32.04 0.66 0.00	30.49 0.74 0.00	27.60 0.71 0.00	22.38 0.60 0.00	17.20 0.48 0.00	19.21 0.58 0.00	22.58 0.58 0.00	25.12 0.45 0.00	20.90 0.43 0.00	22.17 0.47 0.00	23.36 0.63 0.00	22.43 0.69 0.00	23.64 0.75 0.00	26.28 0.86 0.00	29.54 0.88 0.00	33.69 0.98 0.00	45.99 1.17 0.00	64.09 1.47 0.00	79.01 1.91 0.00	69.76 1.70 0.00	58.96 1.23 0.00	71.51 1.58 0.00	43.77 0.89 0.00	33.44 0.71 0.00
SHOREHAM_IC_1 23715	32.32 0.94 0.00	30.79 1.05 0.00	27.91 1.01 0.00	22.57 0.79 0.00	17.34 0.62 0.00	19.34 0.71 0.00	22.61 0.62 0.00	25.16 0.49 0.00	20.89 0.41 0.00	22.37 0.66 0.00	24.06 1.34 0.00	23.30 1.56 0.00	25.61 1.71 -1.02	43.63 1.93 -16.29	44.40 2.09 -13.65	40.21 2.32 -5.18	47.34 2.52 0.00	65.69 3.07 0.00	80.85 3.74 0.00	70.81 2.75 0.00	59.70 1.97 0.00	72.58 2.65 0.00	43.99 1.11 0.00	33.57 0.83 0.00
SHOREHAM_IC_2 23716	32.32 0.94 0.00	30.79 1.05 0.00	27.90 1.01 0.00	22.57 0.79 0.00	17.34 0.62 0.00	19.34 0.71 0.00	22.61 0.62 0.00	25.16 0.49 0.00	20.89 0.41 0.00	22.37 0.67 0.00	24.06 1.34 0.00	23.30 1.56 0.00	25.61 1.71 -1.02	43.63 1.93 -16.29	44.40 2.09 -13.65	40.21 2.31 -5.18	47.34 2.52 0.00	65.69 3.07 0.00	80.85 3.74 0.00	70.81 2.75 0.00	59.70 1.97 0.00	72.58 2.65 0.00	43.99 1.11 0.00	33.57 0.83 0.00
SISSONVILLE____ 23735	32.23 0.84 0.00	30.24 0.49 0.00	26.94 0.04 0.00	21.75 -0.04 0.00	16.65 -0.06 0.00	18.52 -0.10 0.00	21.93 -0.07 0.00	25.13 0.46 0.00	20.84 0.36 0.00	22.12 0.41 0.00	23.08 0.35 0.00	22.05 0.31 0.00	23.19 0.29 0.00	25.82 0.40 0.00	29.24 0.59 0.00	33.31 0.60 0.00	45.91 1.10 0.00	64.55 1.93 0.00	79.02 1.91 0.00	69.71 1.65 0.00	59.27 1.54 0.00	72.29 2.36 0.00	44.36 1.48 0.00	33.80 1.06 0.00
SITHE_IND_GS1 24169	30.41 -0.97 0.00	28.92 -0.82 0.00	26.20 -0.70 0.00	21.25 -0.54 0.00	16.30 -0.42 0.00	18.17 -0.45 0.00	21.43 -0.56 0.00	23.93 -0.74 0.00	19.83 -0.64 0.00	21.02 -0.68 0.00	21.96 -0.77 0.00	20.96 -0.78 0.00	22.04 -0.85 0.00	24.49 -0.93 0.00	27.65 -1.01 0.00	31.57 -1.14 0.00	43.31 -1.51 0.00	60.57 -2.05 0.00	74.69 -2.41 0.00	66.02 -2.04 0.00	55.93 -1.79 0.00	67.63 -2.30 0.00	41.47 -1.41 0.00	31.64 -1.10 0.00
SITHE_IND_GS2 24170	30.41 -0.97 0.00	28.92 -0.82 0.00	26.20 -0.70 0.00	21.25 -0.54 0.00	16.30 -0.42 0.00	18.17 -0.45 0.00	21.43 -0.56 0.00	23.93 -0.74 0.00	19.83 -0.64 0.00	21.02 -0.68 0.00	21.96 -0.77 0.00	20.96 -0.78 0.00	22.04 -0.85 0.00	24.49 -0.93 0.00	27.65 -1.01 0.00	31.57 -1.14 0.00	43.31 -1.51 0.00	60.57 -2.05 0.00	74.69 -2.41 0.00	66.02 -2.04 0.00	55.93 -1.79 0.00	67.63 -2.30 0.00	41.47 -1.41 0.00	31.64 -1.10 0.00
SITHE_IND_GS3 24171	30.41 -0.97 0.00	28.92 -0.82 0.00	26.20 -0.70 0.00	21.25 -0.54 0.00	16.30 -0.42 0.00	18.17 -0.45 0.00	21.43 -0.56 0.00	23.93 -0.74 0.00	19.83 -0.64 0.00	21.02 -0.68 0.00	21.96 -0.77 0.00	20.96 -0.78 0.00	22.04 -0.85 0.00	24.49 -0.93 0.00	27.65 -1.01 0.00	31.57 -1.14 0.00	43.31 -1.51 0.00	60.57 -2.05 0.00	74.69 -2.41 0.00	66.02 -2.04 0.00	55.93 -1.79 0.00	67.63 -2.30 0.00	41.47 -1.41 0.00	31.64 -1.10 0.00
SITHE_IND_GS4 24172	30.41 -0.97 0.00	28.92 -0.82 0.00	26.20 -0.70 0.00	21.25 -0.54 0.00	16.30 -0.42 0.00	18.17 -0.45 0.00	21.43 -0.56 0.00	23.93 -0.74 0.00	19.83 -0.64 0.00	21.02 -0.68 0.00	21.96 -0.77 0.00	20.96 -0.78 0.00	22.04 -0.85 0.00	24.49 -0.93 0.00	27.65 -1.01 0.00	31.57 -1.14 0.00	43.31 -1.51 0.00	60.57 -2.05 0.00	74.69 -2.41 0.00	66.02 -2.04 0.00	55.93 -1.79 0.00	67.63 -2.30 0.00	41.47 -1.41 0.00	31.64 -1.10 0.00

SITHE___BATAVIA 24024	31.56 0.18 0.00	30.45 0.70 0.00	27.23 0.34 0.00	21.97 0.18 0.00	16.66 -0.06 0.00	18.63 0.01 0.00	22.06 0.07 0.00	24.30 -0.37 0.00	19.97 -0.50 0.00	21.19 -0.51 0.00	22.07 -0.65 0.00	21.26 -0.48 0.00	22.43 -0.46 0.00	25.09 -0.34 0.00	28.66 0.00 0.00	32.61 -0.11 0.00	44.70 -0.11 0.00	62.64 0.02 0.00	77.23 0.13 0.00	68.43 0.37 0.00	58.04 0.31 0.00	70.13 0.20 0.00	43.33 0.45 0.00	32.99 0.25 0.00
SITHE___INDEPEND 23800	30.41 -0.97 0.00	28.92 -0.83 0.00	26.20 -0.70 0.00	21.24 -0.54 0.00	16.29 -0.43 0.00	18.17 -0.45 0.00	21.43 -0.56 0.00	23.93 -0.74 0.00	19.84 -0.64 0.00	21.02 -0.68 0.00	21.96 -0.77 0.00	20.96 -0.78 0.00	22.04 -0.85 0.00	24.49 -0.93 0.00	27.65 -1.01 0.00	31.57 -1.14 0.00	43.31 -1.51 0.00	60.57 -2.05 0.00	74.69 -2.41 0.00	66.02 -2.04 0.00	55.93 -1.79 0.00	67.63 -2.30 0.00	41.47 -1.41 0.00	31.64 -1.10 0.00
SITHE___MASSENA 23902	32.02 0.64 0.00	30.08 0.34 0.00	26.86 -0.04 0.00	21.70 -0.09 0.00	16.61 -0.11 0.00	18.45 -0.18 0.00	21.84 -0.15 0.00	25.01 0.34 0.00	20.78 0.30 0.00	22.07 0.36 0.00	23.06 0.33 0.00	22.05 0.31 0.00	23.20 0.31 0.00	25.83 0.40 0.00	29.25 0.59 0.00	33.31 0.59 0.00	45.79 0.98 0.00	64.13 1.51 0.00	78.31 1.21 0.00	68.93 0.88 0.00	58.66 0.93 0.00	71.48 1.55 0.00	43.91 1.03 0.00	33.50 0.76 0.00
SITHE___OGDNSBRG 24021	32.71 1.33 0.00	30.69 0.95 0.00	27.35 0.45 0.00	22.07 0.29 0.00	16.89 0.17 0.00	18.76 0.13 0.00	22.20 0.21 0.00	25.39 0.73 0.00	20.96 0.49 0.00	22.19 0.48 0.00	23.15 0.42 0.00	22.13 0.39 0.00	23.27 0.38 0.00	25.92 0.50 0.00	29.38 0.72 0.00	33.44 0.73 0.00	46.11 1.30 0.00	64.87 2.25 0.00	79.64 2.54 0.00	70.50 2.44 0.00	60.19 2.46 0.00	73.43 3.50 0.00	45.03 2.15 0.00	34.32 1.59 0.00
SITHE___STERLING 23777	31.91 0.52 0.00	30.27 0.53 0.00	27.37 0.47 0.00	22.17 0.39 0.00	17.03 0.31 0.00	19.02 0.40 0.00	22.42 0.43 0.00	25.00 0.33 0.00	20.63 0.15 0.00	21.83 0.12 0.00	22.80 0.08 0.00	21.80 0.06 0.00	22.96 0.07 0.00	25.54 0.12 0.00	28.84 0.18 0.00	32.98 0.27 0.00	45.40 0.58 0.00	63.85 1.22 0.00	79.24 2.14 0.00	70.23 2.17 0.00	59.47 1.74 0.00	71.93 2.00 0.00	43.90 1.03 0.00	33.44 0.70 0.00
SLEIGHT__34_KV_TB1 80719	30.98 -0.40 0.00	29.60 -0.15 0.00	26.69 -0.21 0.00	21.60 -0.18 0.00	16.51 -0.21 0.00	18.43 -0.19 0.00	21.75 -0.24 0.00	24.16 -0.51 0.00	19.95 -0.52 0.00	21.15 -0.56 0.00	22.08 -0.64 0.00	21.18 -0.56 0.00	22.34 -0.55 0.00	24.93 -0.48 0.00	28.30 -0.36 0.00	32.36 -0.35 0.00	44.46 -0.35 0.00	62.35 -0.26 0.00	76.94 -0.16 0.00	68.06 0.01 0.00	57.66 -0.07 0.00	69.57 -0.35 0.00	42.64 -0.24 0.00	32.45 -0.29 0.00
SMITHTWN_69_KV_BK 1 55830	32.77 1.39 0.00	31.23 1.48 0.00	28.28 1.39 0.00	22.88 1.09 0.00	17.58 0.85 0.00	19.60 0.97 0.00	22.92 0.93 0.00	25.49 0.82 0.00	21.16 0.69 0.00	22.67 0.96 0.00	24.38 1.66 0.00	23.61 1.87 0.00	25.95 2.05 -1.02	44.03 2.33 -16.29	44.84 2.53 -13.65	40.71 2.81 -5.18	47.98 3.17 0.00	66.37 3.75 0.00	81.57 4.47 0.00	71.43 3.37 0.00	60.24 2.51 0.00	73.43 3.50 0.00	44.57 1.69 0.00	34.02 1.29 0.00
SOUTH CAIRO___GT 23612	32.58 1.19 0.00	30.93 1.19 0.00	28.08 1.19 0.00	22.83 1.05 0.00	17.57 0.85 0.00	19.58 0.96 0.00	23.04 1.05 0.00	25.57 0.90 0.00	21.12 0.64 0.00	22.23 0.53 0.00	23.22 0.50 0.00	22.22 0.48 0.00	23.43 0.54 0.00	26.02 0.60 0.00	29.26 0.61 0.00	33.44 0.73 0.00	45.98 1.17 0.00	64.56 1.94 0.00	80.29 3.19 0.00	71.57 3.51 0.00	60.75 3.02 0.00	73.40 3.47 0.00	44.83 1.95 0.00	34.14 1.40 0.00
SOUTH HAMPTN___IC 23720	33.22 1.83 0.00	31.62 1.87 0.00	28.63 1.73 0.00	23.15 1.37 0.00	17.78 1.06 0.00	19.82 1.19 0.00	23.18 1.19 0.00	25.82 1.15 0.00	21.49 1.01 0.00	23.06 1.35 0.00	24.84 2.11 0.00	24.10 2.36 0.00	26.46 2.56 -1.02	44.64 2.93 -16.29	45.56 3.25 -13.65	41.47 3.57 -5.18	49.11 4.29 0.00	68.05 5.43 0.00	83.79 6.69 0.00	73.32 5.26 0.00	61.72 3.99 0.00	75.06 5.14 0.00	45.40 2.52 0.00	34.54 1.81 0.00
SOUTHDOW_115KV_TB1 355954	31.51 0.13 0.00	30.44 0.69 0.00	27.22 0.33 0.00	21.98 0.19 0.00	16.70 -0.02 0.00	18.78 0.15 0.00	22.23 0.23 0.00	24.51 -0.16 0.00	20.22 -0.26 0.00	21.46 -0.24 0.00	22.39 -0.34 0.00	21.62 -0.13 0.00	22.76 -0.13 0.00	25.50 0.08 0.00	29.12 0.46 0.00	33.14 0.43 0.00	45.15 0.33 0.00	63.16 0.54 0.00	77.48 0.38 0.00	68.51 0.45 0.00	58.18 0.45 0.00	70.51 0.58 0.00	43.36 0.48 0.00	33.12 0.38 0.00
SOUTHOLD_69_KV_BK 2 55809	33.79 2.41 0.00	32.15 2.41 0.00	29.09 2.19 0.00	23.52 1.73 0.00	18.06 1.34 0.00	20.13 1.50 0.00	23.56 1.57 0.00	26.25 1.59 0.00	21.88 1.40 0.00	23.49 1.79 0.00	25.31 2.58 0.00	24.57 2.83 0.00	26.97 3.06 -1.02	45.23 3.52 -16.29	46.27 3.96 -13.65	42.19 4.29 -5.18	50.13 5.32 0.00	69.39 6.77 0.00	85.51 8.41 0.00	74.79 6.73 0.00	62.98 5.25 0.00	76.67 6.74 0.00	46.31 3.43 0.00	35.19 2.45 0.00
SOUTHOLD___IC 23719	33.79 2.41 0.00	32.15 2.41 0.00	29.09 2.20 0.00	23.52 1.73 0.00	18.06 1.34 0.00	20.13 1.50 0.00	23.56 1.57 0.00	26.25 1.59 0.00	21.88 1.40 0.00	23.49 1.79 0.00	25.30 2.58 0.00	24.57 2.83 0.00	26.97 3.07 -1.02	45.23 3.52 -16.29	46.27 3.96 -13.65	42.19 4.29 -5.18	50.13 5.32 0.00	69.39 6.76 0.00	85.52 8.42 0.00	74.78 6.72 0.00	62.98 5.25 0.00	76.67 6.74 0.00	46.31 3.43 0.00	35.19 2.45 0.00
SOUTH_FORK_WT_PWR 323839	33.99 2.61 0.00	32.34 2.60 0.00	29.27 2.38 0.00	23.66 1.87 0.00	18.18 1.46 0.00	20.25 1.62 0.00	23.70 1.71 0.00	26.41 1.74 0.00	22.02 1.54 0.00	23.65 1.94 0.00	25.48 2.76 0.00	24.75 3.01 0.00	27.15 3.25 -1.02	45.44 3.73 -16.29	46.49 4.19 -13.65	42.35 4.45 -5.18	50.35 5.53 0.00	69.58 6.97 0.00	85.89 8.79 0.00	75.13 7.07 0.00	63.29 5.56 0.00	77.18 7.25 0.00	46.61 3.73 0.00	35.38 2.65 0.00
SPIERFLS_115KV_TB 1 80737	32.62 1.23 0.00	30.93 1.18 0.00	28.09 1.20 0.00	22.86 1.08 0.00	17.56 0.84 0.00	19.60 0.98 0.00	23.06 1.07 0.00	25.61 0.94 0.00	21.20 0.73 0.00	22.33 0.63 0.00	23.23 0.51 0.00	22.15 0.41 0.00	23.33 0.44 0.00	25.84 0.42 0.00	28.98 0.33 0.00	33.14 0.43 0.00	45.84 1.03 0.00	64.66 2.04 0.00	80.79 3.69 0.00	71.69 3.63 0.00	60.76 3.04 0.00	73.37 3.44 0.00	44.74 1.86 0.00	34.14 1.40 0.00
ST LAWRENCE____ 23600	31.50 0.12 0.00	29.63 -0.12 0.00	26.59 -0.31 0.00	21.48 -0.30 0.00	16.45 -0.27 0.00	18.27 -0.36 0.00	21.62 -0.37 0.00	24.64 -0.03 0.00	20.49 0.02 0.00	21.76 0.05 0.00	22.74 0.02 0.00	21.76 0.02 0.00	22.90 0.00 0.00	25.49 0.07 0.00	28.85 0.19 0.00	32.86 0.14 0.00	45.13 0.32 0.00	63.14 0.52 0.00	77.39 0.29 0.00	68.07 0.01 0.00	57.90 0.17 0.00	70.31 0.38 0.00	43.17 0.29 0.00	32.94 0.20 0.00

STATE_CA_115KV_115_LB 55624	31.76 0.38 0.00	30.19 0.44 0.00	27.43 0.54 0.00	22.32 0.54 0.00	17.18 0.46 0.00	19.15 0.52 0.00	22.51 0.52 0.00	25.02 0.35 0.00	20.77 0.30 0.00	21.98 0.28 0.00	23.04 0.32 0.00	22.06 0.32 0.00	23.25 0.36 0.00	25.79 0.37 0.00	28.98 0.32 0.00	33.05 0.34 0.00	45.27 0.45 0.00	63.20 0.58 0.00	77.97 0.86 0.00	69.05 0.99 0.00	58.40 0.67 0.00	70.69 0.77 0.00	43.34 0.46 0.00	33.13 0.40 0.00
STATE_ST_34_KV_LOAD 55959	31.33 -0.05 0.00	29.85 0.11 0.00	27.06 0.16 0.00	21.91 0.12 0.00	16.81 0.08 0.00	18.77 0.14 0.00	22.06 0.07 0.00	24.61 -0.06 0.00	20.33 -0.15 0.00	21.49 -0.22 0.00	22.44 -0.29 0.00	21.47 -0.27 0.00	22.62 -0.27 0.00	25.18 -0.23 0.00	28.46 -0.19 0.00	32.53 -0.18 0.00	44.71 -0.10 0.00	62.74 0.12 0.00	77.33 0.23 0.00	68.73 0.67 0.00	58.35 0.62 0.00	70.48 0.55 0.00	43.11 0.23 0.00	32.82 0.08 0.00
STATION_5_MISC_HYD 23604	31.22 -0.17 0.00	29.91 0.16 0.00	26.90 0.00 0.00	21.75 -0.04 0.00	16.58 -0.14 0.00	18.52 -0.10 0.00	21.89 -0.10 0.00	24.26 -0.41 0.00	20.05 -0.43 0.00	21.31 -0.39 0.00	22.29 -0.44 0.00	21.41 -0.33 0.00	22.58 -0.31 0.00	25.23 -0.19 0.00	28.70 0.04 0.00	32.75 0.04 0.00	44.96 0.15 0.00	62.93 0.31 0.00	77.45 0.34 0.00	68.36 0.30 0.00	57.84 0.11 0.00	69.85 -0.08 0.00	42.91 0.03 0.00	32.65 -0.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.14 -0.25 0.00	29.76 0.01 0.00	26.81 -0.09 0.00	21.69 -0.09 0.00	16.57 -0.15 0.00	18.51 -0.11 0.00	21.86 -0.14 0.00	24.27 -0.40 0.00	20.05 -0.43 0.00	21.26 -0.45 0.00	22.20 -0.52 0.00	21.29 -0.45 0.00	22.46 -0.43 0.00	25.07 -0.35 0.00	28.45 -0.21 0.00	32.53 -0.18 0.00	44.63 -0.19 0.00	62.59 -0.03 0.00	77.26 0.16 0.00	68.29 0.23 0.00	57.83 0.10 0.00	69.82 -0.11 0.00	42.78 -0.10 0.00	32.60 -0.14 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.04 -0.35 0.00	29.71 -0.04 0.00	26.73 -0.16 0.00	21.62 -0.17 0.00	16.49 -0.23 0.00	18.42 -0.21 0.00	21.77 -0.23 0.00	24.13 -0.54 0.00	19.96 -0.52 0.00	21.21 -0.50 0.00	22.17 -0.55 0.00	21.29 -0.45 0.00	22.46 -0.43 0.00	25.09 -0.33 0.00	28.53 -0.13 0.00	32.58 -0.13 0.00	44.72 -0.09 0.00	62.61 -0.01 0.00	77.09 -0.02 0.00	68.01 -0.04 0.00	57.54 -0.19 0.00	69.47 -0.46 0.00	42.66 -0.22 0.00	32.48 -0.26 0.00
STA_56___34_KV_BUS2 355983	31.04 -0.35 0.00	29.71 -0.04 0.00	26.73 -0.16 0.00	21.62 -0.17 0.00	16.49 -0.23 0.00	18.42 -0.21 0.00	21.77 -0.23 0.00	24.13 -0.54 0.00	19.96 -0.52 0.00	21.21 -0.50 0.00	22.17 -0.55 0.00	21.29 -0.45 0.00	22.46 -0.43 0.00	25.09 -0.33 0.00	28.53 -0.13 0.00	32.58 -0.13 0.00	44.72 -0.09 0.00	62.61 -0.01 0.00	77.09 -0.02 0.00	68.01 -0.04 0.00	57.54 -0.19 0.00	69.47 -0.46 0.00	42.66 -0.22 0.00	32.48 -0.26 0.00
STA_67___115KV_BK2 355882	31.14 -0.24 0.00	29.83 0.09 0.00	26.84 -0.06 0.00	21.70 -0.09 0.00	16.55 -0.17 0.00	18.48 -0.14 0.00	21.85 -0.15 0.00	24.22 -0.45 0.00	20.01 -0.46 0.00	21.27 -0.43 0.00	22.23 -0.49 0.00	21.35 -0.39 0.00	22.51 -0.38 0.00	25.16 -0.26 0.00	28.62 -0.04 0.00	32.66 -0.05 0.00	44.80 -0.01 0.00	62.69 0.07 0.00	77.18 0.07 0.00	68.11 0.05 0.00	57.63 -0.09 0.00	69.62 -0.30 0.00	42.79 -0.09 0.00	32.56 -0.18 0.00
STA_7___115KV_9TRANS 80674	31.38 0.00 0.00	30.05 0.31 0.00	27.02 0.12 0.00	21.84 0.06 0.00	16.66 -0.06 0.00	18.60 -0.02 0.00	21.99 -0.01 0.00	24.36 -0.30 0.00	20.14 -0.33 0.00	21.42 -0.29 0.00	22.40 -0.32 0.00	21.53 -0.21 0.00	22.71 -0.18 0.00	25.41 -0.02 0.00	28.91 0.25 0.00	33.01 0.30 0.00	45.33 0.52 0.00	63.48 0.86 0.00	78.14 1.04 0.00	68.96 0.90 0.00	58.32 0.59 0.00	70.40 0.48 0.00	43.23 0.35 0.00	32.86 0.13 0.00
STA_82___115KV_TB1 80780	31.15 -0.23 0.00	29.84 0.10 0.00	26.85 -0.04 0.00	21.71 -0.08 0.00	16.55 -0.17 0.00	18.49 -0.14 0.00	21.85 -0.14 0.00	24.22 -0.45 0.00	20.02 -0.46 0.00	21.27 -0.43 0.00	22.23 -0.50 0.00	21.35 -0.39 0.00	22.51 -0.38 0.00	25.16 -0.26 0.00	28.62 -0.04 0.00	32.66 -0.05 0.00	44.80 -0.01 0.00	62.70 0.08 0.00	77.19 0.09 0.00	68.14 0.08 0.00	57.66 -0.07 0.00	69.64 -0.29 0.00	42.79 -0.09 0.00	32.57 -0.17 0.00
STEEL___WIND 323596	30.94 -0.44 0.00	29.95 0.21 0.00	26.77 -0.13 0.00	21.59 -0.19 0.00	16.36 -0.36 0.00	18.34 -0.29 0.00	21.72 -0.28 0.00	23.90 -0.77 0.00	19.71 -0.77 0.00	20.98 -0.73 0.00	21.90 -0.82 0.00	21.14 -0.61 0.00	22.27 -0.62 0.00	24.95 -0.47 0.00	28.53 -0.13 0.00	32.41 -0.30 0.00	44.23 -0.58 0.00	61.70 -0.92 0.00	75.56 -1.54 0.00	66.59 -1.47 0.00	56.44 -1.29 0.00	68.28 -1.65 0.00	42.22 -0.65 0.00	32.30 -0.44 0.00
STEPHTWN_115KV_BK_2 55603	31.88 0.49 0.00	30.27 0.52 0.00	27.51 0.61 0.00	22.39 0.60 0.00	17.23 0.51 0.00	19.21 0.59 0.00	22.58 0.59 0.00	25.08 0.41 0.00	20.89 0.42 0.00	22.06 0.35 0.00	23.07 0.35 0.00	22.14 0.40 0.00	23.36 0.47 0.00	25.94 0.52 0.00	29.13 0.48 0.00	33.26 0.55 0.00	45.55 0.74 0.00	63.57 0.95 0.00	78.40 1.30 0.00	69.30 1.24 0.00	58.72 0.99 0.00	71.03 1.10 0.00	43.44 0.56 0.00	33.22 0.49 0.00
STEUBEN_REC_LFGE 323667	31.50 0.12 0.00	30.26 0.52 0.00	27.16 0.27 0.00	21.95 0.17 0.00	16.70 -0.02 0.00	18.73 0.10 0.00	22.11 0.11 0.00	24.34 -0.33 0.00	19.93 -0.55 0.00	21.06 -0.64 0.00	21.91 -0.82 0.00	21.11 -0.64 0.00	22.24 -0.65 0.00	24.90 -0.52 0.00	28.32 -0.34 0.00	32.34 -0.37 0.00	44.28 -0.54 0.00	62.11 -0.51 0.00	77.00 -0.10 0.00	68.32 0.26 0.00	58.17 0.44 0.00	70.55 0.62 0.00	43.22 0.34 0.00	33.02 0.29 0.00
STILLWATER___SOLAR 323814	32.56 1.18 0.00	30.91 1.17 0.00	28.07 1.17 0.00	22.82 1.03 0.00	17.55 0.83 0.00	19.57 0.95 0.00	23.04 1.04 0.00	25.59 0.92 0.00	21.18 0.71 0.00	22.36 0.65 0.00	23.33 0.61 0.00	22.28 0.54 0.00	23.48 0.59 0.00	26.04 0.62 0.00	29.25 0.59 0.00	33.40 0.69 0.00	46.05 1.24 0.00	64.65 2.03 0.00	80.25 3.15 0.00	71.15 3.09 0.00	60.27 2.54 0.00	72.83 2.90 0.00	44.55 1.67 0.00	34.02 1.29 0.00
STONY___BROOK 24151	32.69 1.30 0.00	31.16 1.41 0.00	28.22 1.33 0.00	22.83 1.04 0.00	17.54 0.82 0.00	19.56 0.93 0.00	22.87 0.88 0.00	25.45 0.78 0.00	21.12 0.64 0.00	22.62 0.91 0.00	24.33 1.60 0.00	23.55 1.81 0.00	25.89 1.98 -1.02	43.95 2.24 -16.29	44.75 2.44 -13.65	40.60 2.71 -5.18	47.81 3.00 0.00	66.04 3.42 0.00	81.18 4.08 0.00	71.10 3.04 0.00	59.99 2.26 0.00	73.22 3.29 0.00	44.45 1.57 0.00	33.93 1.19 0.00
STURGEON_POOL_HYD 23609	32.23 0.84 0.00	30.65 0.91 0.00	27.79 0.90 0.00	22.56 0.77 0.00	17.34 0.62 0.00	19.36 0.73 0.00	22.74 0.75 0.00	25.29 0.62 0.00	21.09 0.61 0.00	22.40 0.69 0.00	23.62 0.90 0.00	22.70 0.96 0.00	23.92 1.03 0.00	26.59 1.17 0.00	29.85 1.20 0.00	34.05 1.33 0.00	46.46 1.65 0.00	64.66 2.05 0.00	79.58 2.48 0.00	70.19 2.14 0.00	59.34 1.61 0.00	71.95 2.02 0.00	44.04 1.16 0.00	33.64 0.90 0.00

ST_LAW_115_BK7_LBMP 345037	31.55 0.17 0.00	29.65 -0.10 0.00	26.59 -0.31 0.00	21.48 -0.30 0.00	16.45 -0.27 0.00	18.26 -0.37 0.00	21.62 -0.37 0.00	24.66 0.00 0.00	20.51 0.03 0.00	21.78 0.08 0.00	22.76 0.04 0.00	21.77 0.03 0.00	22.91 0.02 0.00	25.51 0.09 0.00	28.87 0.21 0.00	32.88 0.17 0.00	45.17 0.36 0.00	63.21 0.59 0.00	77.42 0.32 0.00	68.12 0.06 0.00	57.95 0.22 0.00	70.40 0.47 0.00	43.22 0.34 0.00	32.99 0.25 0.00
ST_LAW_115_BK8_LBMP 345038	31.55 0.17 0.00	29.65 -0.10 0.00	26.59 -0.31 0.00	21.48 -0.30 0.00	16.45 -0.27 0.00	18.26 -0.37 0.00	21.62 -0.37 0.00	24.66 0.00 0.00	20.51 0.03 0.00	21.78 0.08 0.00	22.76 0.04 0.00	21.77 0.03 0.00	22.91 0.02 0.00	25.51 0.09 0.00	28.87 0.21 0.00	32.88 0.17 0.00	45.17 0.36 0.00	63.21 0.59 0.00	77.42 0.32 0.00	68.12 0.06 0.00	57.95 0.22 0.00	70.40 0.47 0.00	43.22 0.34 0.00	32.99 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	31.50 0.12 0.00	29.63 -0.12 0.00	26.59 -0.31 0.00	21.48 -0.30 0.00	16.45 -0.27 0.00	18.27 -0.36 0.00	21.62 -0.37 0.00	24.64 -0.03 0.00	20.49 0.02 0.00	21.76 0.05 0.00	22.74 0.02 0.00	21.76 0.02 0.00	22.90 0.00 0.00	25.49 0.07 0.00	28.85 0.19 0.00	32.86 0.14 0.00	45.13 0.32 0.00	63.14 0.52 0.00	77.39 0.29 0.00	68.07 0.01 0.00	57.90 0.17 0.00	70.31 0.38 0.00	43.17 0.29 0.00	32.94 0.20 0.00
ST_LAW_230_BK6_LBMP 345036	31.50 0.12 0.00	29.63 -0.12 0.00	26.59 -0.31 0.00	21.48 -0.30 0.00	16.45 -0.27 0.00	18.27 -0.36 0.00	21.62 -0.37 0.00	24.64 -0.03 0.00	20.49 0.02 0.00	21.76 0.05 0.00	22.74 0.02 0.00	21.76 0.02 0.00	22.90 0.00 0.00	25.49 0.07 0.00	28.85 0.19 0.00	32.86 0.14 0.00	45.13 0.32 0.00	63.14 0.52 0.00	77.39 0.29 0.00	68.07 0.01 0.00	57.90 0.17 0.00	70.31 0.38 0.00	43.17 0.29 0.00	32.94 0.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.16 0.78 0.00	30.60 0.86 0.00	27.70 0.80 0.00	22.47 0.69 0.00	17.27 0.55 0.00	19.28 0.65 0.00	22.66 0.67 0.00	25.19 0.52 0.00	20.99 0.51 0.00	22.30 0.60 0.00	23.53 0.81 0.00	22.61 0.87 0.00	23.84 0.95 0.00	26.50 1.08 0.00	29.79 1.13 0.00	33.98 1.27 0.00	46.31 1.49 0.00	64.43 1.81 0.00	79.41 2.31 0.00	70.02 1.96 0.00	59.11 1.38 0.00	71.70 1.78 0.00	43.90 1.02 0.00	33.54 0.81 0.00
SWANROAD_115KV_TB1 355699	30.49 -0.90 0.00	29.60 -0.15 0.00	26.44 -0.46 0.00	21.32 -0.47 0.00	16.09 -0.63 0.00	17.99 -0.64 0.00	21.32 -0.67 0.00	23.45 -1.21 0.00	19.32 -1.15 0.00	20.59 -1.11 0.00	21.47 -1.25 0.00	20.72 -1.02 0.00	21.81 -1.08 0.00	24.42 -1.00 0.00	27.94 -0.72 0.00	31.57 -1.15 0.00	43.03 -1.79 0.00	59.86 -2.76 0.00	73.23 -3.87 0.00	64.54 -3.52 0.00	54.69 -3.03 0.00	66.18 -3.75 0.00	41.30 -1.58 0.00	31.63 -1.11 0.00
SYNERGY___BIOGAS 323694	31.56 0.18 0.00	30.44 0.70 0.00	27.23 0.34 0.00	21.96 0.18 0.00	16.66 -0.06 0.00	18.63 0.01 0.00	22.06 0.07 0.00	24.30 -0.37 0.00	19.97 -0.50 0.00	21.19 -0.52 0.00	22.08 -0.65 0.00	21.26 -0.48 0.00	22.43 -0.46 0.00	25.09 -0.34 0.00	28.66 0.00 0.00	32.62 -0.10 0.00	44.70 -0.11 0.00	62.63 0.01 0.00	77.23 0.13 0.00	68.44 0.38 0.00	58.04 0.31 0.00	70.12 0.20 0.00	43.33 0.45 0.00	32.99 0.25 0.00
SYRACUSE___ENERGY_ST1 323597	31.11 -0.28 0.00	29.59 -0.15 0.00	26.78 -0.11 0.00	21.71 -0.08 0.00	16.65 -0.07 0.00	18.58 -0.05 0.00	21.90 -0.10 0.00	24.42 -0.26 0.00	20.21 -0.28 0.00	21.41 -0.30 0.00	22.37 -0.36 0.00	21.38 -0.36 0.00	22.53 -0.36 0.00	25.05 -0.37 0.00	28.30 -0.36 0.00	32.35 -0.36 0.00	44.43 -0.39 0.00	62.25 -0.37 0.00	76.86 -0.24 0.00	67.98 -0.08 0.00	57.61 -0.12 0.00	69.60 -0.33 0.00	42.59 -0.29 0.00	32.48 -0.26 0.00
SYRACUSE___ENERGY_ST2 323598	31.11 -0.28 0.00	29.59 -0.15 0.00	26.78 -0.11 0.00	21.71 -0.08 0.00	16.65 -0.07 0.00	18.58 -0.05 0.00	21.90 -0.10 0.00	24.42 -0.26 0.00	20.21 -0.28 0.00	21.41 -0.30 0.00	22.37 -0.36 0.00	21.38 -0.36 0.00	22.53 -0.36 0.00	25.05 -0.37 0.00	28.30 -0.36 0.00	32.35 -0.36 0.00	44.43 -0.39 0.00	62.25 -0.37 0.00	76.86 -0.24 0.00	67.98 -0.08 0.00	57.61 -0.12 0.00	69.60 -0.33 0.00	42.59 -0.29 0.00	32.48 -0.26 0.00
SYRACUSE___POWER 24017	31.09 -0.30 0.00	29.58 -0.16 0.00	26.76 -0.14 0.00	21.69 -0.09 0.00	16.63 -0.09 0.00	18.56 -0.07 0.00	21.89 -0.11 0.00	24.39 -0.28 0.00	20.18 -0.29 0.00	21.39 -0.32 0.00	22.35 -0.37 0.00	21.36 -0.38 0.00	22.53 -0.37 0.00	25.04 -0.38 0.00	28.27 -0.39 0.00	32.33 -0.38 0.00	44.38 -0.43 0.00	62.20 -0.42 0.00	76.88 -0.22 0.00	67.96 -0.10 0.00	57.58 -0.15 0.00	69.58 -0.35 0.00	42.57 -0.31 0.00	32.45 -0.28 0.00
TALLMAN__138KV_BK151 55660	32.31 0.92 0.00	30.75 1.01 0.00	27.83 0.94 0.00	22.56 0.78 0.00	17.35 0.63 0.00	19.37 0.74 0.00	22.76 0.76 0.00	25.29 0.62 0.00	21.10 0.62 0.00	22.44 0.73 0.00	23.71 0.98 0.00	22.81 1.07 0.00	24.04 1.15 0.00	26.73 1.31 0.00	30.04 1.39 0.00	34.26 1.55 0.00	46.58 1.76 0.00	64.71 2.09 0.00	79.71 2.61 0.00	70.22 2.16 0.00	59.24 1.51 0.00	71.91 1.98 0.00	44.04 1.16 0.00	33.68 0.95 0.00
TEALLAVE_115KV_TB7 355573	30.93 -0.46 0.00	29.42 -0.33 0.00	26.62 -0.27 0.00	21.59 -0.20 0.00	16.55 -0.18 0.00	18.46 -0.16 0.00	21.77 -0.22 0.00	24.26 -0.41 0.00	20.09 -0.38 0.00	21.30 -0.40 0.00	22.26 -0.46 0.00	21.28 -0.46 0.00	22.42 -0.46 0.00	24.93 -0.49 0.00	28.14 -0.52 0.00	32.18 -0.53 0.00	44.16 -0.65 0.00	61.85 -0.77 0.00	76.39 -0.71 0.00	67.51 -0.55 0.00	57.17 -0.56 0.00	69.09 -0.83 0.00	42.29 -0.60 0.00	32.24 -0.49 0.00
TELGRAPH_34_KV_EAST 80808	31.02 -0.37 0.00	30.01 0.27 0.00	26.83 -0.07 0.00	21.64 -0.15 0.00	16.37 -0.35 0.00	18.31 -0.31 0.00	21.70 -0.29 0.00	23.88 -0.79 0.00	19.67 -0.80 0.00	20.94 -0.77 0.00	21.83 -0.89 0.00	21.05 -0.69 0.00	22.20 -0.69 0.00	24.83 -0.59 0.00	28.39 -0.26 0.00	32.21 -0.50 0.00	44.01 -0.80 0.00	61.43 -1.19 0.00	75.40 -1.71 0.00	66.57 -1.49 0.00	56.41 -1.32 0.00	68.19 -1.74 0.00	42.33 -0.55 0.00	32.31 -0.43 0.00
TEMPLE___115KV_TB 2 55572	30.93 -0.45 0.00	29.44 -0.31 0.00	26.63 -0.26 0.00	21.60 -0.19 0.00	16.55 -0.17 0.00	18.47 -0.16 0.00	21.79 -0.21 0.00	24.28 -0.39 0.00	20.10 -0.38 0.00	21.31 -0.39 0.00	22.27 -0.46 0.00	21.29 -0.45 0.00	22.43 -0.46 0.00	24.95 -0.47 0.00	28.16 -0.50 0.00	32.20 -0.52 0.00	44.19 -0.63 0.00	61.89 -0.73 0.00	76.43 -0.67 0.00	67.53 -0.53 0.00	57.19 -0.54 0.00	69.11 -0.82 0.00	42.31 -0.57 0.00	32.25 -0.48 0.00
TIANA____69_KV_BK 1 55817	33.01 1.62 0.00	31.42 1.68 0.00	28.45 1.56 0.00	23.01 1.23 0.00	17.68 0.96 0.00	19.70 1.08 0.00	23.05 1.05 0.00	25.66 0.99 0.00	21.35 0.87 0.00	22.91 1.20 0.00	24.66 1.93 0.00	23.91 2.17 0.00	26.27 2.37 -1.02	44.41 2.70 -16.29	45.30 2.99 -13.65	41.20 3.30 -5.18	48.72 3.91 0.00	67.55 4.93 0.00	83.13 6.02 0.00	72.76 4.70 0.00	61.26 3.53 0.00	74.48 4.55 0.00	45.06 2.18 0.00	34.32 1.58 0.00

TILDEN___115KV_TB1 80814	31.09 -0.30 0.00	29.58 -0.16 0.00	26.76 -0.14 0.00	21.69 -0.09 0.00	16.63 -0.09 0.00	18.56 -0.07 0.00	21.89 -0.11 0.00	24.39 -0.28 0.00	20.18 -0.29 0.00	21.39 -0.32 0.00	22.35 -0.37 0.00	21.36 -0.38 0.00	22.53 -0.37 0.00	25.04 -0.38 0.00	28.27 -0.39 0.00	32.33 -0.38 0.00	44.38 -0.43 0.00	62.20 -0.42 0.00	76.88 -0.22 0.00	67.96 -0.10 0.00	57.58 -0.15 0.00	69.58 -0.35 0.00	42.57 -0.31 0.00	32.45 -0.28 0.00
TRIGEN___CC 323695	32.68 1.30 0.00	31.13 1.38 0.00	28.17 1.28 0.00	22.82 1.04 0.00	17.55 0.82 0.00	19.57 0.95 0.00	22.91 0.92 0.00	25.48 0.81 0.00	21.19 0.71 0.00	22.64 0.93 0.00	24.17 1.44 0.00	23.33 1.58 0.00	25.57 1.66 -1.02	43.57 1.86 -16.29	44.26 1.96 -13.65	40.04 2.14 -5.18	47.19 2.38 0.00	65.44 2.82 0.00	80.42 3.32 0.00	70.70 2.64 0.00	59.71 1.98 0.00	72.67 2.74 0.00	44.37 1.49 0.00	33.93 1.20 0.00
TRINITY__115KV__4 BK 55933	31.63 0.25 0.00	30.08 0.33 0.00	27.34 0.45 0.00	22.25 0.46 0.00	17.13 0.41 0.00	19.09 0.46 0.00	22.45 0.45 0.00	24.94 0.27 0.00	20.71 0.24 0.00	21.92 0.21 0.00	22.97 0.25 0.00	21.98 0.24 0.00	23.17 0.28 0.00	25.69 0.27 0.00	28.84 0.19 0.00	32.88 0.17 0.00	45.01 0.20 0.00	62.81 0.18 0.00	77.45 0.35 0.00	68.63 0.57 0.00	58.06 0.33 0.00	70.29 0.36 0.00	43.11 0.23 0.00	32.97 0.24 0.00
UNION___PROCESSING_DRP 323587	31.16 -0.23 0.00	29.85 0.10 0.00	26.85 -0.04 0.00	21.71 -0.08 0.00	16.56 -0.16 0.00	18.49 -0.13 0.00	21.85 -0.14 0.00	24.23 -0.44 0.00	20.02 -0.45 0.00	21.27 -0.43 0.00	22.23 -0.49 0.00	21.36 -0.38 0.00	22.52 -0.37 0.00	25.17 -0.26 0.00	28.62 -0.04 0.00	32.66 -0.05 0.00	44.81 0.00 0.00	62.71 0.09 0.00	77.20 0.10 0.00	68.15 0.09 0.00	57.68 -0.05 0.00	69.66 -0.27 0.00	42.81 -0.07 0.00	32.57 -0.16 0.00
UPPER HUDSON___HYD 24058	32.62 1.23 0.00	30.93 1.18 0.00	28.09 1.20 0.00	22.86 1.07 0.00	17.56 0.84 0.00	19.60 0.98 0.00	23.06 1.07 0.00	25.61 0.94 0.00	21.20 0.73 0.00	22.33 0.63 0.00	23.23 0.51 0.00	22.16 0.41 0.00	23.33 0.44 0.00	25.84 0.42 0.00	28.99 0.33 0.00	33.14 0.43 0.00	45.84 1.03 0.00	64.66 2.04 0.00	80.79 3.69 0.00	71.68 3.63 0.00	60.76 3.03 0.00	73.37 3.44 0.00	44.74 1.86 0.00	34.14 1.40 0.00
UPPER RAQUET___HYD 24056	32.23 0.84 0.00	30.24 0.49 0.00	26.94 0.04 0.00	21.75 -0.04 0.00	16.66 -0.06 0.00	18.52 -0.10 0.00	21.93 -0.07 0.00	25.13 0.46 0.00	20.84 0.36 0.00	22.12 0.41 0.00	23.08 0.35 0.00	22.05 0.31 0.00	23.19 0.29 0.00	25.82 0.39 0.00	29.24 0.59 0.00	33.31 0.59 0.00	45.91 1.10 0.00	64.55 1.93 0.00	79.02 1.91 0.00	69.71 1.65 0.00	59.27 1.54 0.00	72.29 2.37 0.00	44.36 1.48 0.00	33.80 1.06 0.00
VALLEY44_115KV_TB2 355964	30.82 -0.56 0.00	29.76 0.02 0.00	26.69 -0.20 0.00	21.59 -0.20 0.00	16.43 -0.29 0.00	18.48 -0.15 0.00	21.87 -0.12 0.00	24.10 -0.57 0.00	19.87 -0.61 0.00	21.07 -0.63 0.00	21.88 -0.85 0.00	21.07 -0.67 0.00	22.12 -0.77 0.00	24.73 -0.69 0.00	28.24 -0.42 0.00	32.14 -0.58 0.00	43.69 -1.12 0.00	60.93 -1.69 0.00	74.83 -2.27 0.00	66.12 -1.93 0.00	56.16 -1.57 0.00	68.10 -1.82 0.00	42.15 -0.73 0.00	32.25 -0.48 0.00
VALLEY___115KV_TB 1-4 80826	31.53 0.15 0.00	29.94 0.20 0.00	27.19 0.29 0.00	22.08 0.29 0.00	16.99 0.27 0.00	18.98 0.35 0.00	22.33 0.33 0.00	24.71 0.04 0.00	20.33 -0.14 0.00	21.46 -0.25 0.00	22.45 -0.28 0.00	21.50 -0.24 0.00	22.65 -0.24 0.00	25.13 -0.29 0.00	28.24 -0.42 0.00	32.29 -0.42 0.00	44.33 -0.48 0.00	62.24 -0.38 0.00	77.48 0.37 0.00	69.01 0.95 0.00	58.60 0.87 0.00	70.90 0.97 0.00	43.31 0.43 0.00	33.04 0.30 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.26 0.87 0.00	30.44 0.70 0.00	27.44 0.55 0.00	22.25 0.46 0.00	17.07 0.35 0.00	19.06 0.43 0.00	22.46 0.47 0.00	25.08 0.41 0.00	20.86 0.38 0.00	22.17 0.47 0.00	23.38 0.66 0.00	22.35 0.60 0.00	23.61 0.72 0.00	26.20 0.78 0.00	29.54 0.89 0.00	33.73 1.02 0.00	46.40 1.58 0.00	64.99 2.37 0.00	80.08 2.97 0.00	70.66 2.61 0.00	59.82 2.09 0.00	72.43 2.50 0.00	44.25 1.37 0.00	33.71 0.98 0.00
VISCHER___FERRY HYD 24020	32.16 0.77 0.00	30.56 0.82 0.00	27.76 0.87 0.00	22.57 0.79 0.00	17.39 0.67 0.00	19.39 0.77 0.00	22.82 0.82 0.00	25.35 0.68 0.00	21.03 0.56 0.00	22.23 0.52 0.00	23.24 0.52 0.00	22.21 0.46 0.00	23.40 0.51 0.00	25.94 0.52 0.00	29.10 0.44 0.00	33.17 0.46 0.00	45.61 0.79 0.00	63.76 1.14 0.00	78.84 1.74 0.00	69.92 1.86 0.00	59.15 1.43 0.00	71.56 1.63 0.00	43.87 0.99 0.00	33.54 0.80 0.00
V_A_10_SYNC_DSASP 323832	30.64 -0.74 0.00	29.62 -0.12 0.00	26.54 -0.36 0.00	21.43 -0.36 0.00	16.27 -0.45 0.00	18.19 -0.43 0.00	21.56 -0.44 0.00	23.76 -0.91 0.00	19.61 -0.87 0.00	20.89 -0.82 0.00	21.79 -0.94 0.00	20.98 -0.76 0.00	22.08 -0.81 0.00	24.70 -0.73 0.00	28.20 -0.46 0.00	32.02 -0.69 0.00	43.69 -1.13 0.00	60.85 -1.77 0.00	74.50 -2.60 0.00	65.67 -2.39 0.00	55.62 -2.11 0.00	67.32 -2.61 0.00	41.72 -1.16 0.00	31.87 -0.86 0.00
V_CMM_10_SYNC_DSASP 323787	31.71 0.33 0.00	29.80 0.05 0.00	26.72 -0.17 0.00	21.59 -0.20 0.00	16.53 -0.19 0.00	18.35 -0.27 0.00	21.73 -0.27 0.00	24.79 0.12 0.00	20.61 0.13 0.00	21.89 0.18 0.00	22.88 0.15 0.00	21.88 0.14 0.00	23.03 0.14 0.00	25.64 0.21 0.00	29.01 0.36 0.00	33.04 0.33 0.00	45.41 0.59 0.00	63.54 0.92 0.00	77.82 0.71 0.00	68.46 0.40 0.00	58.25 0.52 0.00	70.73 0.80 0.00	43.38 0.50 0.00	33.15 0.41 0.00
V_CMP_10_SYNC_DSASP 323788	31.60 0.22 0.00	29.77 0.03 0.00	26.78 -0.11 0.00	21.65 -0.14 0.00	16.59 -0.13 0.00	18.42 -0.20 0.00	21.72 -0.28 0.00	24.71 0.04 0.00	20.70 0.22 0.00	21.90 0.19 0.00	22.84 0.12 0.00	21.85 0.11 0.00	23.06 0.17 0.00	25.64 0.22 0.00	28.99 0.34 0.00	32.98 0.26 0.00	45.18 0.36 0.00	63.40 0.78 0.00	77.88 0.78 0.00	68.44 0.39 0.00	58.11 0.38 0.00	70.10 0.17 0.00	43.21 0.33 0.00	33.10 0.36 0.00
V_D_10_SYNC_DSASP 323841	32.02 0.64 0.00	30.07 0.33 0.00	26.85 -0.04 0.00	21.69 -0.09 0.00	16.61 -0.11 0.00	18.45 -0.18 0.00	21.84 -0.15 0.00	25.00 0.33 0.00	20.77 0.30 0.00	22.06 0.36 0.00	23.05 0.32 0.00	22.05 0.31 0.00	23.20 0.31 0.00	25.83 0.40 0.00	29.24 0.59 0.00	33.30 0.59 0.00	45.78 0.97 0.00	64.11 1.49 0.00	78.30 1.20 0.00	68.93 0.87 0.00	58.65 0.92 0.00	71.45 1.53 0.00	43.89 1.01 0.00	33.48 0.75 0.00
V_E_10_SYNC_DSASP 323830	33.22 1.83 0.00	31.57 1.83 0.00	28.46 1.57 0.00	23.01 1.23 0.00	17.63 0.91 0.00	19.74 1.12 0.00	23.29 1.29 0.00	25.86 1.19 0.00	21.25 0.77 0.00	22.44 0.73 0.00	23.45 0.73 0.00	22.48 0.74 0.00	23.74 0.85 0.00	26.44 1.02 0.00	29.92 1.27 0.00	34.26 1.55 0.00	47.29 2.48 0.00	66.54 3.92 0.00	82.64 5.53 0.00	73.63 5.57 0.00	62.45 4.72 0.00	75.63 5.71 0.00	46.00 3.12 0.00	34.96 2.22 0.00

V_F_30_NSYNC___DSASP 323816	32.59 1.21 0.00	30.94 1.20 0.00	28.09 1.20 0.00	22.83 1.05 0.00	17.55 0.83 0.00	19.58 0.96 0.00	23.05 1.05 0.00	25.61 0.94 0.00	21.20 0.73 0.00	22.39 0.68 0.00	23.38 0.65 0.00	22.33 0.59 0.00	23.53 0.65 0.00	26.11 0.69 0.00	29.33 0.67 0.00	33.50 0.79 0.00	46.18 1.36 0.00	64.82 2.20 0.00	80.40 3.30 0.00	71.26 3.20 0.00	60.35 2.62 0.00	72.93 3.00 0.00	44.61 1.73 0.00	34.07 1.33 0.00
V_F_30_SYNC_DSASP 323786	31.76 0.38 0.00	30.19 0.44 0.00	27.43 0.54 0.00	22.32 0.54 0.00	17.18 0.46 0.00	19.14 0.52 0.00	22.51 0.52 0.00	25.02 0.35 0.00	20.77 0.30 0.00	21.98 0.28 0.00	23.04 0.32 0.00	22.06 0.32 0.00	23.25 0.36 0.00	25.79 0.37 0.00	28.98 0.32 0.00	33.05 0.34 0.00	45.26 0.45 0.00	63.20 0.58 0.00	77.96 0.86 0.00	69.04 0.98 0.00	58.40 0.67 0.00	70.69 0.77 0.00	43.34 0.46 0.00	33.13 0.40 0.00
V_XM_10_SYNC_DSASP 323789	31.60 0.22 0.00	29.77 0.03 0.00	26.78 -0.11 0.00	21.65 -0.14 0.00	16.59 -0.13 0.00	18.42 -0.20 0.00	21.72 -0.28 0.00	24.71 0.04 0.00	20.70 0.22 0.00	21.90 0.19 0.00	22.84 0.12 0.00	21.85 0.11 0.00	23.06 0.17 0.00	25.64 0.22 0.00	28.99 0.34 0.00	32.98 0.26 0.00	45.18 0.36 0.00	63.40 0.78 0.00	77.88 0.78 0.00	68.44 0.39 0.00	58.11 0.38 0.00	70.10 0.17 0.00	43.21 0.33 0.00	33.10 0.36 0.00
W.BABYLN_69_KV_BK1 56697	33.04 1.65 0.00	31.51 1.76 0.00	28.49 1.60 0.00	23.04 1.26 0.00	17.71 0.98 0.00	19.74 1.12 0.00	23.09 1.09 0.00	25.68 1.01 0.00	21.32 0.85 0.00	22.81 1.10 0.00	24.49 1.76 0.00	23.70 1.96 0.00	26.00 2.09 -1.02	44.08 2.37 -16.29	44.84 2.53 -13.65	40.64 2.74 -5.18	47.89 3.08 0.00	66.38 3.77 0.00	81.47 4.37 0.00	71.48 3.42 0.00	60.45 2.72 0.00	73.66 3.73 0.00	44.85 1.97 0.00	34.29 1.56 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.45 1.06 0.00	30.89 1.15 0.00	27.96 1.06 0.00	22.67 0.88 0.00	17.43 0.71 0.00	19.46 0.84 0.00	22.86 0.87 0.00	25.41 0.74 0.00	21.19 0.72 0.00	22.53 0.83 0.00	23.81 1.09 0.00	22.91 1.17 0.00	24.15 1.26 0.00	26.85 1.43 0.00	30.19 1.53 0.00	34.42 1.71 0.00	46.81 1.99 0.00	65.03 2.41 0.00	80.12 3.02 0.00	70.58 2.52 0.00	59.54 1.81 0.00	72.26 2.33 0.00	44.25 1.37 0.00	33.84 1.10 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.73 1.35 0.00	31.17 1.43 0.00	28.23 1.34 0.00	22.90 1.12 0.00	17.62 0.90 0.00	19.67 1.04 0.00	23.08 1.09 0.00	25.62 0.96 0.00	21.40 0.93 0.00	22.76 1.05 0.00	24.08 1.35 0.00	23.18 1.44 0.00	24.40 1.51 0.00	27.10 1.68 0.00	30.43 1.77 0.00	34.68 1.97 0.00	47.11 2.29 0.00	65.27 2.64 0.00	80.33 3.23 0.00	70.73 2.67 0.00	59.65 1.93 0.00	72.43 2.50 0.00	44.47 1.59 0.00	34.05 1.32 0.00
W50THST__13_KV_LOAD 356117	32.94 1.55 0.00	31.36 1.62 0.00	28.40 1.51 0.00	23.04 1.25 0.00	17.72 1.00 0.00	19.78 1.16 0.00	23.23 1.23 0.00	25.78 1.11 0.00	21.54 1.06 0.00	22.91 1.20 0.00	24.24 1.51 0.00	23.34 1.59 0.00	24.57 1.68 0.00	27.30 1.88 0.00	30.64 1.98 0.00	34.91 2.20 0.00	47.41 2.60 0.00	65.62 3.00 0.00	80.74 3.64 0.00	71.05 3.00 0.00	59.91 2.18 0.00	72.75 2.82 0.00	44.69 1.81 0.00	34.24 1.51 0.00
WADING RIVER_IC_1 23522	32.30 0.92 0.00	30.77 1.03 0.00	27.88 0.99 0.00	22.55 0.77 0.00	17.33 0.61 0.00	19.33 0.70 0.00	22.59 0.60 0.00	25.15 0.48 0.00	20.88 0.40 0.00	22.36 0.66 0.00	24.06 1.34 0.00	23.30 1.56 0.00	25.61 1.71 -1.02	43.63 1.92 -16.29	44.40 2.09 -13.65	40.20 2.30 -5.18	47.32 2.50 0.00	65.60 2.98 0.00	80.73 3.63 0.00	70.71 2.65 0.00	59.62 1.90 0.00	72.52 2.60 0.00	43.98 1.10 0.00	33.55 0.81 0.00
WADING RIVER_IC_2 23547	32.30 0.92 0.00	30.77 1.03 0.00	27.88 0.99 0.00	22.55 0.77 0.00	17.33 0.61 0.00	19.33 0.70 0.00	22.59 0.60 0.00	25.15 0.48 0.00	20.88 0.40 0.00	22.36 0.66 0.00	24.06 1.34 0.00	23.30 1.56 0.00	25.61 1.71 -1.02	43.63 1.92 -16.29	44.40 2.09 -13.65	40.20 2.30 -5.18	47.32 2.50 0.00	65.60 2.98 0.00	80.73 3.63 0.00	70.71 2.65 0.00	59.62 1.90 0.00	72.52 2.60 0.00	43.98 1.10 0.00	33.55 0.81 0.00
WADING RIVER_IC_3 23601	32.30 0.92 0.00	30.77 1.03 0.00	27.88 0.99 0.00	22.55 0.77 0.00	17.33 0.61 0.00	19.33 0.70 0.00	22.59 0.60 0.00	25.15 0.48 0.00	20.88 0.40 0.00	22.36 0.66 0.00	24.06 1.34 0.00	23.30 1.56 0.00	25.61 1.71 -1.02	43.63 1.92 -16.29	44.40 2.09 -13.65	40.20 2.30 -5.18	47.32 2.50 0.00	65.60 2.98 0.00	80.73 3.63 0.00	70.71 2.65 0.00	59.62 1.90 0.00	72.52 2.60 0.00	43.98 1.10 0.00	33.55 0.81 0.00
WALDENNY_12_KV_BK2 80841	30.99 -0.39 0.00	30.00 0.25 0.00	26.81 -0.08 0.00	21.62 -0.16 0.00	16.38 -0.35 0.00	18.34 -0.29 0.00	21.73 -0.27 0.00	23.91 -0.76 0.00	19.73 -0.76 0.00	21.01 -0.70 0.00	21.93 -0.79 0.00	21.18 -0.57 0.00	22.31 -0.58 0.00	25.01 -0.41 0.00	28.59 -0.06 0.00	32.48 -0.24 0.00	44.32 -0.49 0.00	61.78 -0.84 0.00	75.65 -1.45 0.00	66.68 -1.38 0.00	56.49 -1.24 0.00	68.33 -1.59 0.00	42.32 -0.56 0.00	32.35 -0.39 0.00
WALDEN___HYDRO 24148	32.32 0.93 0.00	30.75 1.00 0.00	27.84 0.94 0.00	22.58 0.80 0.00	17.36 0.64 0.00	19.38 0.75 0.00	22.77 0.77 0.00	25.32 0.65 0.00	21.09 0.61 0.00	22.39 0.69 0.00	23.61 0.89 0.00	22.69 0.95 0.00	23.91 1.02 0.00	26.60 1.18 0.00	29.89 1.23 0.00	34.09 1.38 0.00	46.53 1.71 0.00	64.78 2.16 0.00	79.89 2.79 0.00	70.49 2.43 0.00	59.52 1.79 0.00	72.18 2.25 0.00	44.17 1.29 0.00	33.73 1.00 0.00
WARRENSBURG____ 23737	32.62 1.23 0.00	30.93 1.18 0.00	28.09 1.20 0.00	22.86 1.08 0.00	17.56 0.84 0.00	19.60 0.98 0.00	23.06 1.07 0.00	25.61 0.94 0.00	21.20 0.73 0.00	22.33 0.63 0.00	23.23 0.51 0.00	22.15 0.41 0.00	23.33 0.44 0.00	25.84 0.42 0.00	28.98 0.33 0.00	33.14 0.43 0.00	45.84 1.03 0.00	64.66 2.04 0.00	80.79 3.69 0.00	71.69 3.63 0.00	60.76 3.04 0.00	73.37 3.44 0.00	44.74 1.86 0.00	34.14 1.40 0.00
WATERSIDE____6 8 9 23538	32.84 1.46 0.00	31.28 1.54 0.00	28.34 1.44 0.00	22.99 1.21 0.00	17.68 0.96 0.00	19.73 1.10 0.00	23.16 1.17 0.00	25.72 1.05 0.00	21.47 0.99 0.00	22.83 1.13 0.00	24.15 1.43 0.00	23.26 1.51 0.00	24.50 1.60 0.00	27.22 1.80 0.00	30.53 1.87 0.00	34.76 2.05 0.00	47.14 2.33 0.00	65.23 2.61 0.00	80.40 3.30 0.00	70.79 2.73 0.00	59.71 1.98 0.00	72.56 2.63 0.00	44.62 1.74 0.00	34.19 1.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.46 0.07 0.00	29.86 0.11 0.00	27.09 0.20 0.00	21.98 0.19 0.00	16.91 0.19 0.00	18.88 0.25 0.00	22.22 0.23 0.00	24.68 0.01 0.00	20.36 -0.12 0.00	21.51 -0.20 0.00	22.51 -0.21 0.00	21.55 -0.20 0.00	22.70 -0.19 0.00	25.19 -0.23 0.00	28.33 -0.33 0.00	32.37 -0.34 0.00	44.42 -0.40 0.00	62.26 -0.36 0.00	77.29 0.18 0.00	68.66 0.60 0.00	58.26 0.54 0.00	70.53 0.60 0.00	43.12 0.24 0.00	32.89 0.16 0.00

WDELAWARE___HYD 323627	31.75 0.37 0.00	30.17 0.42 0.00	27.29 0.40 0.00	22.13 0.34 0.00	17.00 0.28 0.00	18.98 0.36 0.00	22.31 0.32 0.00	24.84 0.17 0.00	20.68 0.20 0.00	21.93 0.23 0.00	23.08 0.35 0.00	22.16 0.41 0.00	23.34 0.45 0.00	25.86 0.44 0.00	28.47 -0.19 0.00	32.54 -0.18 0.00	44.53 -0.29 0.00	62.22 -0.40 0.00	76.84 -0.26 0.00	68.01 -0.05 0.00	58.84 1.11 0.00	71.30 1.37 0.00	43.57 0.69 0.00	33.21 0.47 0.00
WEST BABYLON___IC 23714	33.04 1.65 0.00	31.51 1.76 0.00	28.49 1.60 0.00	23.04 1.26 0.00	17.71 0.98 0.00	19.74 1.12 0.00	23.09 1.09 0.00	25.68 1.01 0.00	21.32 0.85 0.00	22.81 1.10 0.00	24.49 1.76 0.00	23.70 1.96 0.00	26.00 2.09 -1.02	44.08 2.37 -16.29	44.84 2.53 -13.65	40.64 2.74 -5.18	47.89 3.08 0.00	66.38 3.77 0.00	81.47 4.37 0.00	71.48 3.42 0.00	60.45 2.72 0.00	73.66 3.73 0.00	44.85 1.97 0.00	34.29 1.56 0.00
WEST CANADA___HYD 24049	31.37 -0.01 0.00	29.77 0.03 0.00	26.95 0.06 0.00	21.85 0.07 0.00	16.79 0.06 0.00	18.71 0.08 0.00	22.08 0.08 0.00	24.67 0.01 0.00	20.48 0.00 0.00	21.69 -0.02 0.00	22.72 0.00 0.00	21.72 -0.02 0.00	22.87 -0.02 0.00	25.40 -0.03 0.00	28.60 -0.06 0.00	32.65 -0.06 0.00	44.76 -0.05 0.00	62.55 -0.07 0.00	77.11 0.01 0.00	68.16 0.10 0.00	57.76 0.03 0.00	69.93 0.00 0.00	42.88 0.00 0.00	32.73 -0.01 0.00
WESTERN_NY_WIND 24143	31.52 0.14 0.00	30.41 0.67 0.00	27.20 0.31 0.00	21.95 0.16 0.00	16.64 -0.08 0.00	18.61 -0.02 0.00	22.04 0.04 0.00	24.26 -0.41 0.00	19.94 -0.53 0.00	21.16 -0.54 0.00	22.04 -0.68 0.00	21.23 -0.51 0.00	22.40 -0.49 0.00	25.05 -0.37 0.00	28.62 -0.04 0.00	32.57 -0.15 0.00	44.64 -0.18 0.00	62.51 -0.11 0.00	77.08 -0.02 0.00	68.31 0.25 0.00	57.93 0.20 0.00	69.99 0.07 0.00	43.26 0.38 0.00	32.94 0.21 0.00
WESTOVER___LESR 323668	31.20 -0.18 0.00	29.77 0.03 0.00	26.86 -0.03 0.00	21.78 -0.01 0.00	16.68 -0.04 0.00	18.67 0.05 0.00	22.02 0.02 0.00	24.50 -0.17 0.00	20.28 -0.20 0.00	21.44 -0.27 0.00	22.43 -0.30 0.00	21.52 -0.22 0.00	22.68 -0.21 0.00	25.27 -0.15 0.00	28.55 -0.11 0.00	32.64 -0.07 0.00	44.66 -0.16 0.00	62.41 -0.21 0.00	77.02 -0.09 0.00	68.09 0.03 0.00	57.79 0.06 0.00	70.01 0.08 0.00	42.76 -0.11 0.00	32.66 -0.07 0.00
WETHRSFD_WT_PWR 323626	30.91 -0.48 0.00	29.81 0.07 0.00	26.69 -0.21 0.00	21.55 -0.24 0.00	16.37 -0.35 0.00	18.34 -0.29 0.00	21.70 -0.30 0.00	23.87 -0.80 0.00	19.59 -0.89 0.00	20.76 -0.95 0.00	21.64 -1.09 0.00	20.86 -0.88 0.00	21.98 -0.91 0.00	24.61 -0.81 0.00	28.05 -0.60 0.00	31.91 -0.80 0.00	43.61 -1.20 0.00	60.93 -1.69 0.00	75.04 -2.06 0.00	66.54 -1.52 0.00	56.56 -1.17 0.00	68.49 -1.44 0.00	42.23 -0.66 0.00	32.28 -0.45 0.00
WHAVSTOR_138KV_BK127 55557	32.28 0.89 0.00	30.75 1.00 0.00	27.83 0.94 0.00	22.57 0.79 0.00	17.35 0.63 0.00	19.37 0.75 0.00	22.76 0.77 0.00	25.29 0.62 0.00	21.09 0.62 0.00	22.43 0.72 0.00	23.70 0.97 0.00	22.79 1.05 0.00	24.02 1.13 0.00	26.70 1.28 0.00	30.00 1.34 0.00	34.18 1.47 0.00	46.45 1.64 0.00	64.52 1.91 0.00	79.48 2.38 0.00	70.03 1.97 0.00	59.08 1.36 0.00	71.73 1.80 0.00	43.95 1.07 0.00	33.63 0.89 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.28 0.89 0.00	30.75 1.00 0.00	27.83 0.94 0.00	22.57 0.79 0.00	17.35 0.63 0.00	19.37 0.75 0.00	22.76 0.77 0.00	25.29 0.62 0.00	21.09 0.62 0.00	22.43 0.72 0.00	23.70 0.97 0.00	22.79 1.05 0.00	24.02 1.13 0.00	26.70 1.28 0.00	30.00 1.34 0.00	34.18 1.47 0.00	46.45 1.64 0.00	64.52 1.91 0.00	79.48 2.38 0.00	70.03 1.97 0.00	59.08 1.36 0.00	71.73 1.80 0.00	43.95 1.07 0.00	33.63 0.89 0.00
WHITEHAL_115KV_TB1 80871	33.43 2.05 0.00	31.63 1.89 0.00	28.86 1.97 0.00	23.61 1.82 0.00	18.12 1.40 0.00	20.30 1.67 0.00	23.86 1.86 0.00	26.42 1.75 0.00	21.83 1.35 0.00	22.87 1.16 0.00	23.67 0.95 0.00	22.58 0.84 0.00	23.78 0.89 0.00	26.29 0.87 0.00	29.36 0.70 0.00	33.62 0.91 0.00	46.78 1.96 0.00	66.47 3.85 0.00	83.18 6.08 0.00	74.09 6.03 0.00	62.69 4.96 0.00	75.51 5.59 0.00	45.77 2.89 0.00	35.12 2.38 0.00
WHITEPLN_13_KV_LOAD 356215	32.79 1.41 0.00	31.21 1.47 0.00	28.26 1.36 0.00	22.92 1.13 0.00	17.62 0.90 0.00	19.67 1.04 0.00	23.09 1.10 0.00	25.67 1.00 0.00	21.41 0.93 0.00	22.77 1.06 0.00	24.07 1.35 0.00	23.17 1.43 0.00	24.42 1.53 0.00	27.15 1.73 0.00	30.51 1.85 0.00	34.80 2.08 0.00	47.37 2.56 0.00	65.81 3.19 0.00	81.05 3.94 0.00	71.39 3.34 0.00	60.23 2.50 0.00	73.06 3.13 0.00	44.75 1.87 0.00	34.20 1.46 0.00
WM_FLOYD_69_KV_BK2 356380	32.58 1.19 0.00	31.04 1.30 0.00	28.13 1.23 0.00	22.75 0.97 0.00	17.48 0.76 0.00	19.49 0.87 0.00	22.79 0.80 0.00	25.35 0.68 0.00	21.04 0.56 0.00	22.53 0.83 0.00	24.22 1.50 0.00	23.46 1.71 0.00	25.77 1.87 -1.02	43.81 2.10 -16.29	44.60 2.29 -13.65	40.43 2.53 -5.18	47.63 2.81 0.00	66.07 3.45 0.00	81.33 4.23 0.00	71.26 3.20 0.00	60.10 2.37 0.00	73.09 3.17 0.00	44.32 1.44 0.00	33.83 1.10 0.00
WOODARD___115KV_TB2 355635	30.90 -0.49 0.00	29.38 -0.36 0.00	26.60 -0.29 0.00	21.56 -0.22 0.00	16.53 -0.19 0.00	18.45 -0.18 0.00	21.76 -0.24 0.00	24.26 -0.41 0.00	20.09 -0.38 0.00	21.29 -0.41 0.00	22.25 -0.47 0.00	21.27 -0.47 0.00	22.41 -0.48 0.00	24.92 -0.51 0.00	28.13 -0.53 0.00	32.15 -0.56 0.00	44.13 -0.68 0.00	61.79 -0.83 0.00	76.30 -0.80 0.00	67.43 -0.63 0.00	57.10 -0.63 0.00	69.01 -0.91 0.00	42.25 -0.63 0.00	32.22 -0.52 0.00
WOODMERE_69_KV_BK1 55827	33.04 1.66 0.00	31.47 1.72 0.00	28.47 1.57 0.00	23.05 1.27 0.00	17.72 0.99 0.00	19.76 1.13 0.00	23.12 1.13 0.00	25.70 1.03 0.00	21.38 0.90 0.00	22.86 1.15 0.00	24.43 1.71 0.00	23.61 1.88 0.00	25.90 2.00 -1.02	43.96 2.25 -16.29	44.75 2.44 -13.65	40.60 2.70 -5.18	47.96 3.15 0.00	66.57 3.95 0.00	81.81 4.71 0.00	71.88 3.82 0.00	60.64 2.91 0.00	73.82 3.89 0.00	45.04 2.16 0.00	34.42 1.68 0.00
YORK___WARBASSE 23770	32.96 1.57 0.00	31.34 1.60 0.00	28.37 1.48 0.00	23.03 1.24 0.00	17.69 0.97 0.00	19.74 1.11 0.00	23.17 1.18 0.00	25.75 1.07 0.00	21.48 1.01 0.00	22.85 1.15 0.00	24.18 1.45 0.00	23.28 1.54 0.00	24.51 1.62 0.00	27.23 1.81 0.00	30.58 1.92 0.00	34.83 2.12 0.00	47.19 2.38 0.00	65.31 2.69 0.00	80.53 3.43 0.00	70.87 2.81 0.00	59.75 2.02 0.00	72.64 2.71 0.00	44.71 1.83 0.00	34.26 1.53 0.00