

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/01/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	28.92	32.17	33.27	34.00	42.91	42.41	39.70	40.39	36.70	28.83	25.86	23.97	21.61	19.38	20.73	23.29	69.93	35.04	37.47	32.95	29.87	35.48	31.59	25.89
24138	1.41	1.35	1.38	1.42	1.67	2.04	2.64	2.99	2.38	1.69	1.44	1.37	1.23	1.11	1.17	1.29	3.90	2.17	2.49	2.09	1.72	1.91	1.79	1.27
	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	28.99	32.24	33.35	34.09	43.04	42.52	39.76	40.39	36.70	28.81	25.85	23.96	21.60	19.38	20.73	23.29	69.94	35.05	37.50	32.98	29.91	35.52	31.61	25.92
24260	1.47	1.42	1.46	1.51	1.80	2.15	2.70	3.00	2.38	1.67	1.43	1.36	1.22	1.12	1.17	1.30	3.91	2.19	2.52	2.12	1.76	1.94	1.81	1.30
	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	28.99	32.24	33.35	34.09	43.04	42.52	39.76	40.39	36.70	28.81	25.85	23.96	21.60	19.38	20.73	23.29	69.94	35.05	37.50	32.98	29.91	35.52	31.61	25.92
24261	1.47	1.42	1.46	1.51	1.80	2.15	2.70	3.00	2.38	1.67	1.43	1.36	1.22	1.12	1.17	1.30	3.91	2.19	2.52	2.12	1.76	1.94	1.81	1.30
	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	28.88	32.18	33.49	34.41	43.67	42.90	39.66	39.81	36.34	28.36	25.08	23.14	20.91	18.67	20.07	22.73	69.19	34.81	37.28	32.80	29.66	35.18	31.08	25.60
24011	1.36	1.36	1.60	1.83	2.43	2.52	2.59	2.41	2.02	1.22	0.66	0.54	0.53	0.41	0.51	0.74	3.16	1.94	2.30	1.94	1.51	1.61	1.28	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.04	32.37	33.73	34.69	44.06	43.24	39.94	39.98	36.54	28.47	25.14	23.20	20.97	18.73	20.16	22.88	69.77	35.11	37.61	33.10	29.85	35.32	31.18	25.70
23798	1.52	1.54	1.84	2.11	2.81	2.86	2.88	2.59	2.22	1.33	0.72	0.60	0.59	0.47	0.60	0.88	3.74	2.25	2.63	2.23	1.70	1.75	1.38	1.08
	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	28.88	32.18	33.49	34.41	43.67	42.90	39.66	39.81	36.34	28.36	25.08	23.14												

ALBANY___2 23572	27.91 0.40 0.00	31.12 0.30 0.00	32.29 0.40 0.00	33.03 0.44 0.00	41.82 0.58 0.00	41.08 0.71 0.00	38.00 0.94 0.00	38.32 0.92 0.00	34.93 0.61 0.00	27.39 0.25 0.00	24.49 0.07 0.00	22.65 0.05 0.00	20.47 0.09 0.00	18.34 0.08 0.00	19.69 0.13 0.00	22.16 0.16 0.00	66.78 0.75 0.00	33.54 0.67 0.00	35.84 0.86 0.00	31.56 0.70 0.00	28.68 0.52 0.00	34.20 0.62 0.00	30.30 0.50 0.00	24.93 0.31 0.00
ALBANY___3 23573	27.91 0.40 0.00	31.12 0.30 0.00	32.29 0.40 0.00	33.03 0.44 0.00	41.82 0.58 0.00	41.08 0.71 0.00	38.00 0.94 0.00	38.32 0.92 0.00	34.93 0.61 0.00	27.39 0.25 0.00	24.49 0.07 0.00	22.65 0.05 0.00	20.47 0.09 0.00	18.34 0.08 0.00	19.69 0.13 0.00	22.16 0.16 0.00	66.78 0.75 0.00	33.54 0.67 0.00	35.84 0.86 0.00	31.56 0.70 0.00	28.68 0.52 0.00	34.20 0.62 0.00	30.30 0.50 0.00	24.93 0.31 0.00
ALBANY___4 23574	27.91 0.40 0.00	31.12 0.30 0.00	32.29 0.40 0.00	33.03 0.44 0.00	41.82 0.58 0.00	41.08 0.71 0.00	38.00 0.94 0.00	38.32 0.92 0.00	34.93 0.61 0.00	27.39 0.25 0.00	24.49 0.07 0.00	22.65 0.05 0.00	20.47 0.09 0.00	18.34 0.08 0.00	19.69 0.13 0.00	22.16 0.16 0.00	66.78 0.75 0.00	33.54 0.67 0.00	35.84 0.86 0.00	31.56 0.70 0.00	28.68 0.52 0.00	34.20 0.62 0.00	30.30 0.50 0.00	24.93 0.31 0.00
ALBANY___LFGE 323615	28.16 0.64 0.00	31.39 0.57 0.00	32.58 0.68 0.00	33.31 0.72 0.00	42.19 0.95 0.00	41.46 1.09 0.00	38.36 1.30 0.00	38.69 1.29 0.00	35.25 0.93 0.00	27.64 0.50 0.00	24.70 0.28 0.00	22.85 0.25 0.00	20.64 0.26 0.00	18.50 0.24 0.00	19.86 0.30 0.00	22.36 0.36 0.00	67.46 1.43 0.00	33.86 0.99 0.00	36.20 1.21 0.00	31.86 1.00 0.00	28.93 0.78 0.00	34.51 0.93 0.00	30.56 0.76 0.00	25.14 0.51 0.00
ALCOA_PA_115KV_PL-6C 55860	27.96 0.44 0.00	31.55 0.73 0.00	32.57 0.68 0.00	33.23 0.65 0.00	41.91 0.67 0.00	40.75 0.38 0.00	37.01 -0.05 0.00	37.27 -0.13 0.00	34.62 0.30 0.00	27.59 0.45 0.00	24.97 0.55 0.00	23.13 0.53 0.00	20.83 0.45 0.00	18.66 0.39 0.00	19.98 0.42 0.00	22.53 0.53 0.00	67.25 1.22 0.00	33.15 0.28 0.00	35.07 0.09 0.00	31.01 0.15 0.00	28.51 0.35 0.00	34.07 0.49 0.00	30.27 0.47 0.00	25.12 0.49 0.00
ALCOA_RYNLDS___DRP 24188	27.96 0.44 0.00	31.55 0.73 0.00	32.57 0.68 0.00	33.23 0.65 0.00	41.91 0.67 0.00	40.75 0.38 0.00	37.01 -0.05 0.00	37.27 -0.13 0.00	34.62 0.30 0.00	27.59 0.45 0.00	24.97 0.55 0.00	23.13 0.53 0.00	20.83 0.45 0.00	18.66 0.39 0.00	19.98 0.42 0.00	22.53 0.53 0.00	67.25 1.22 0.00	33.15 0.28 0.00	35.07 0.09 0.00	31.01 0.15 0.00	28.51 0.35 0.00	34.07 0.49 0.00	30.27 0.47 0.00	25.12 0.49 0.00
ALCOA___DSASP 323711	27.96 0.44 0.00	31.55 0.73 0.00	32.57 0.68 0.00	33.23 0.65 0.00	41.91 0.67 0.00	40.75 0.38 0.00	37.01 -0.05 0.00	37.27 -0.13 0.00	34.62 0.30 0.00	27.59 0.45 0.00	24.97 0.55 0.00	23.13 0.53 0.00	20.83 0.45 0.00	18.66 0.39 0.00	19.98 0.42 0.00	22.53 0.53 0.00	67.25 1.22 0.00	33.15 0.28 0.00	35.07 0.09 0.00	31.01 0.15 0.00	28.51 0.35 0.00	34.07 0.49 0.00	30.27 0.47 0.00	25.12 0.49 0.00
ALLEGHENY___COGEN 23514	27.58 0.06 0.00	30.95 0.13 0.00	31.94 0.05 0.00	32.48 -0.11 0.00	41.10 -0.15 0.00	39.66 -0.71 0.00	36.33 -0.73 0.00	36.75 -0.65 0.00	32.70 -1.62 0.00	25.54 -1.60 0.00	23.02 -1.41 0.00	21.29 -1.31 0.00	19.56 -0.81 0.00	17.64 -0.62 0.00	18.77 -0.79 0.00	21.07 -0.92 0.00	63.13 -2.90 0.00	31.92 -0.95 0.00	34.46 -0.52 0.00	30.24 -0.63 0.00	27.36 -0.79 0.00	32.71 -0.87 0.00	29.21 -0.59 0.00	24.17 -0.45 0.00
ALTAMONT_115KV_TB 2 55880	28.15 0.63 0.00	31.40 0.58 0.00	32.55 0.65 0.00	33.28 0.70 0.00	42.14 0.90 0.00	41.40 1.03 0.00	38.26 1.20 0.00	38.60 1.21 0.00	35.20 0.88 0.00	27.64 0.50 0.00	24.74 0.32 0.00	22.88 0.28 0.00	20.66 0.28 0.00	18.52 0.26 0.00	19.86 0.30 0.00	22.33 0.34 0.00	67.28 1.25 0.00	33.75 0.88 0.00	36.07 1.09 0.00	31.76 0.90 0.00	28.86 0.71 0.00	34.40 0.82 0.00	30.50 0.70 0.00	25.11 0.49 0.00
ALTONA_WT_PWR 323606	28.25 0.73 0.00	31.69 0.87 0.00	32.50 0.61 0.00	33.03 0.45 0.00	42.23 0.99 0.00	41.22 0.85 0.00	37.76 0.70 0.00	37.78 0.39 0.00	35.29 0.97 0.00	28.03 0.89 0.00	25.29 0.86 0.00	23.27 0.67 0.00	21.00 0.62 0.00	18.95 0.69 0.00	20.41 0.85 0.00	22.85 0.85 0.00	68.64 2.61 0.00	34.00 1.13 0.00	35.88 0.90 0.00	31.45 0.58 0.00	28.53 0.38 0.00	34.17 0.60 0.00	29.80 0.00 0.00	25.02 0.40 0.00
AMERICAN_REF_FUEL 24010	25.06 -2.46 0.00	27.76 -3.06 0.00	28.75 -3.14 0.00	29.26 -3.33 0.00	36.96 -4.28 0.00	36.04 -4.33 0.00	32.65 -4.41 0.00	32.98 -4.42 0.00	30.04 -4.28 0.00	24.17 -2.97 0.00	21.94 -2.48 0.00	20.32 -2.28 0.00	18.19 -2.19 0.00	16.16 -2.10 0.00	17.30 -2.26 0.00	19.64 -2.35 0.00	58.54 -7.49 0.00	28.86 -4.01 0.00	30.59 -4.39 0.00	26.78 -4.08 0.00	24.39 -3.77 0.00	29.18 -4.39 0.00	26.05 -3.75 0.00	21.67 -2.95 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.78 -1.74 0.00	28.52 -2.30 0.00	29.78 -2.11 0.00	30.50 -2.09 0.00	38.52 -2.72 0.00	37.95 -2.42 0.00	34.81 -2.25 0.00	34.88 -2.52 0.00	31.74 -2.57 0.00	25.58 -1.56 0.00	23.21 -1.21 0.00	21.42 -1.18 0.00	19.30 -1.08 0.00	17.23 -1.03 0.00	18.41 -1.15 0.00	20.62 -1.37 0.00	60.49 -5.54 0.00	29.73 -3.13 0.00	31.79 -3.19 0.00	27.60 -3.26 0.00	24.99 -3.16 0.00	29.97 -3.61 0.00	27.14 -2.66 0.00	22.83 -1.79 0.00
ARTHUR KILL_GT_1 23520	28.99 1.47 0.00	32.23 1.41 0.00	33.35 1.46 0.00	34.08 1.50 0.00	43.00 1.76 0.00	42.47 2.10 0.00	39.68 2.62 0.00	48.21 2.89 -7.92	36.51 2.20 0.00	36.96 1.48 -8.35	25.67 1.24 0.00	23.81 1.21 0.00	21.48 1.09 -0.01	19.29 1.01 -0.01	20.61 1.03 -0.02	23.15 1.15 -0.01	69.39 3.36 0.00	34.74 1.88 0.00	36.34 2.18 0.82	32.35 1.83 0.33	29.73 1.57 0.00	35.28 1.70 0.00	31.49 1.69 0.00	25.90 1.28 0.00
ARTHUR_KILL_2 23512	28.90 1.39 0.00	32.15 1.33 0.00	33.25 1.36 0.00	33.99 1.41 0.00	42.89 1.65 0.00	42.36 1.99 0.00	39.57 2.51 0.00	48.10 2.78 -7.92	36.42 2.10 0.00	36.89 1.40 -8.35	25.61 1.19 0.00	23.76 1.15 0.00	21.44 1.05 -0.01	19.25 0.97 -0.01	20.56 0.99 -0.02	23.10 1.10 -0.01	69.19 3.16 0.00	34.64 1.78 0.00	36.23 2.07 0.82	32.26 1.73 0.33	29.64 1.49 0.00	35.18 1.60 0.00	31.40 1.60 0.00	25.83 1.21 0.00
ARTHUR_KILL_3 23513	28.67 1.16 0.00	31.90 1.07 0.00	32.99 1.10 0.00	33.71 1.13 0.00	42.54 1.30 0.00	42.03 1.66 0.00	39.33 2.27 0.00	47.88 2.56 -7.92	36.26 1.94 0.00	36.82 1.33 -8.35	25.54 1.11 0.00	23.70 1.11 0.00	21.38 0.99 -0.01	19.19 0.91 -0.01	20.53 0.95 -0.02	23.04 1.04 -0.01	69.11 3.09 0.00	34.64 1.78 0.00	37.06 2.08 0.00	32.61 1.74 0.00	29.56 1.41 0.00	35.10 1.52 0.00	31.27 1.47 0.00	25.64 1.02 0.00

ARTHUR_KILL_COGEN 323718	28.99 1.47 0.00	32.23 1.41 0.00	33.35 1.46 0.00	34.08 1.50 0.00	43.00 1.76 0.00	42.47 2.10 0.00	39.68 2.62 0.00	48.21 2.89 -7.92	36.51 2.20 0.00	36.96 1.48 -8.35	25.67 1.24 0.00	23.81 1.21 0.00	21.48 1.09 -0.01	19.29 1.01 -0.01	20.61 1.03 -0.02	23.15 1.15 -0.01	69.39 3.36 0.00	34.74 1.88 0.00	36.34 2.18 0.82	32.35 1.83 0.33	29.73 1.57 0.00	35.28 1.70 0.00	31.49 1.69 0.00	25.90 1.28 0.00
ASHOKAN____ 23654	28.87 1.35 0.00	32.11 1.29 0.00	33.28 1.39 0.00	34.05 1.47 0.00	43.21 1.97 0.00	42.58 2.20 0.00	39.52 2.46 0.00	39.96 2.56 0.00	36.18 1.86 0.00	28.17 1.04 0.00	25.14 0.71 0.00	23.14 0.54 0.00	20.87 0.50 0.00	18.71 0.45 0.00	20.06 0.51 0.00	22.64 0.64 0.00	68.78 2.75 0.00	34.70 1.83 0.00	37.29 2.31 0.00	32.84 1.97 0.00	29.73 1.58 0.00	35.35 1.78 0.00	31.31 1.51 0.00	25.71 1.08 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.72 1.21 0.00	31.90 1.08 0.00	33.01 1.12 0.00	33.74 1.15 0.00	42.57 1.33 0.00	42.09 1.72 0.00	39.39 2.33 0.00	40.08 2.69 0.00	36.48 2.16 0.00	28.60 1.46 0.00	25.64 1.22 0.00	23.78 1.18 0.00	21.45 1.07 0.00	19.30 1.04 0.00	20.55 0.99 0.00	23.13 1.14 0.00	69.27 3.25 0.00	34.71 1.84 0.00	37.16 2.18 0.00	32.68 1.82 0.00	29.74 1.59 0.00	35.30 1.73 0.00	31.41 1.62 0.00	25.78 1.16 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.72 1.21 0.00	31.90 1.08 0.00	33.01 1.12 0.00	33.74 1.15 0.00	42.57 1.33 0.00	42.09 1.72 0.00	39.39 2.33 0.00	40.08 2.69 0.00	36.48 2.16 0.00	28.60 1.46 0.00	25.64 1.22 0.00	23.78 1.18 0.00	21.45 1.07 0.00	19.30 1.04 0.00	20.55 0.99 0.00	23.13 1.14 0.00	69.27 3.25 0.00	34.71 1.84 0.00	37.16 2.18 0.00	32.68 1.82 0.00	29.74 1.59 0.00	35.30 1.73 0.00	31.41 1.62 0.00	25.78 1.16 0.00
ASTORIA_GT2_1 24094	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT2_2 24095	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT2_3 24096	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT2_4 24097	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT3_1 24098	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT3_2 24099	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT3_3 24100	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT3_4 24101	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT4_1 24102	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT4_2 24103	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT4_3 24104	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00

ASTORIA_GT4_4 24105	28.74 1.22 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.17 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.40 2.34 0.00	40.10 2.71 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.46 1.07 0.00	19.31 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.73 1.87 0.00	37.18 2.20 0.00	32.71 1.84 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.63 0.00	25.79 1.17 0.00
ASTORIA_GT_1 23523	28.79 1.27 0.00	31.97 1.15 0.00	33.07 1.19 0.00	33.81 1.23 0.00	42.66 1.42 0.00	42.19 1.82 0.00	39.48 2.42 0.00	40.18 2.79 0.00	36.57 2.25 0.00	28.67 1.54 0.00	25.70 1.28 0.00	23.84 1.24 0.00	21.49 1.12 0.00	19.34 1.08 0.00	20.59 1.04 0.00	23.19 1.19 0.00	69.46 3.43 0.00	34.80 1.94 0.00	37.26 2.28 0.00	32.77 1.91 0.00	29.82 1.66 0.00	35.37 1.80 0.00	31.48 1.68 0.00	25.83 1.21 0.00
ASTORIA_GT_10 24110	28.86 1.34 0.00	32.08 1.26 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.81 1.57 0.00	42.30 1.93 0.00	39.55 2.49 0.00	40.16 2.76 0.00	36.49 2.17 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.58 1.03 0.00	23.15 1.15 0.00	69.48 3.45 0.00	34.81 1.94 0.00	37.23 2.25 0.00	32.75 1.89 0.00	29.74 1.59 0.00	35.31 1.74 0.00	31.43 1.63 0.00	25.78 1.16 0.00
ASTORIA_GT_11 24225	28.86 1.34 0.00	32.08 1.26 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.81 1.57 0.00	42.30 1.93 0.00	39.55 2.49 0.00	40.16 2.76 0.00	36.49 2.17 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.58 1.03 0.00	23.15 1.15 0.00	69.48 3.45 0.00	34.81 1.94 0.00	37.23 2.25 0.00	32.75 1.89 0.00	29.74 1.59 0.00	35.31 1.74 0.00	31.43 1.63 0.00	25.78 1.16 0.00
ASTORIA_GT_12 24226	28.86 1.34 0.00	32.08 1.26 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.81 1.57 0.00	42.30 1.93 0.00	39.55 2.49 0.00	40.16 2.76 0.00	36.49 2.17 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.58 1.03 0.00	23.15 1.15 0.00	69.48 3.45 0.00	34.81 1.94 0.00	37.23 2.25 0.00	32.75 1.89 0.00	29.74 1.59 0.00	35.31 1.74 0.00	31.43 1.63 0.00	25.78 1.16 0.00
ASTORIA_GT_13 24227	28.86 1.34 0.00	32.08 1.26 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.81 1.57 0.00	42.30 1.93 0.00	39.55 2.49 0.00	40.16 2.76 0.00	36.49 2.17 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.58 1.03 0.00	23.15 1.15 0.00	69.48 3.45 0.00	34.81 1.94 0.00	37.23 2.25 0.00	32.75 1.89 0.00	29.74 1.59 0.00	35.31 1.74 0.00	31.43 1.63 0.00	25.78 1.16 0.00
ASTORIA_GT_5 24106	28.79 1.27 0.00	31.97 1.15 0.00	33.08 1.19 0.00	33.81 1.23 0.00	42.66 1.42 0.00	42.19 1.82 0.00	39.47 2.41 0.00	40.18 2.78 0.00	36.57 2.25 0.00	28.67 1.54 0.00	25.70 1.28 0.00	23.84 1.24 0.00	21.50 1.11 0.00	19.34 1.08 0.00	20.60 1.04 0.00	23.19 1.19 0.00	69.46 3.43 0.00	34.80 1.93 0.00	37.26 2.28 0.00	32.77 1.90 0.00	29.82 1.66 0.00	35.38 1.80 0.00	31.48 1.68 0.00	25.84 1.21 0.00
ASTORIA_GT_7 24107	28.79 1.27 0.00	31.97 1.15 0.00	33.08 1.19 0.00	33.81 1.23 0.00	42.66 1.42 0.00	42.19 1.82 0.00	39.47 2.41 0.00	40.18 2.78 0.00	36.57 2.25 0.00	28.67 1.54 0.00	25.70 1.28 0.00	23.84 1.24 0.00	21.50 1.11 0.00	19.34 1.08 0.00	20.60 1.04 0.00	23.19 1.19 0.00	69.46 3.43 0.00	34.80 1.93 0.00	37.26 2.28 0.00	32.77 1.90 0.00	29.82 1.66 0.00	35.38 1.80 0.00	31.48 1.68 0.00	25.84 1.21 0.00
ASTORIA_GT_8 24108	28.79 1.27 0.00	31.97 1.15 0.00	33.08 1.19 0.00	33.81 1.23 0.00	42.66 1.42 0.00	42.19 1.82 0.00	39.47 2.41 0.00	40.18 2.78 0.00	36.57 2.25 0.00	28.67 1.54 0.00	25.70 1.28 0.00	23.84 1.24 0.00	21.50 1.11 0.00	19.34 1.08 0.00	20.60 1.04 0.00	23.19 1.19 0.00	69.46 3.43 0.00	34.80 1.93 0.00	37.26 2.28 0.00	32.77 1.90 0.00	29.82 1.66 0.00	35.38 1.80 0.00	31.48 1.68 0.00	25.84 1.21 0.00
ASTORIA___2 24149	28.74 1.23 0.00	31.92 1.10 0.00	33.02 1.13 0.00	33.75 1.16 0.00	42.60 1.35 0.00	42.12 1.75 0.00	39.41 2.34 0.00	40.10 2.70 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.79 1.19 0.00	21.45 1.08 0.00	19.30 1.04 0.00	20.56 1.00 0.00	23.14 1.15 0.00	69.33 3.30 0.00	34.74 1.87 0.00	37.18 2.20 0.00	32.71 1.85 0.00	29.76 1.61 0.00	35.31 1.74 0.00	31.42 1.62 0.00	25.79 1.17 0.00
ASTORIA___3 23516	28.86 1.34 0.00	32.08 1.26 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.81 1.57 0.00	42.30 1.93 0.00	39.56 2.50 0.00	40.16 2.76 0.00	36.49 2.17 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.58 1.03 0.00	23.15 1.15 0.00	69.48 3.45 0.00	34.80 1.94 0.00	37.24 2.25 0.00	32.75 1.89 0.00	29.75 1.59 0.00	35.31 1.74 0.00	31.42 1.62 0.00	25.78 1.16 0.00
ASTORIA___4 23517	28.86 1.34 0.00	32.08 1.26 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.81 1.57 0.00	42.30 1.93 0.00	39.55 2.49 0.00	40.16 2.76 0.00	36.49 2.17 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.58 1.03 0.00	23.15 1.15 0.00	69.48 3.45 0.00	34.81 1.94 0.00	37.23 2.25 0.00	32.75 1.89 0.00	29.74 1.59 0.00	35.31 1.74 0.00	31.43 1.63 0.00	25.78 1.16 0.00
ASTORIA___5 23518	28.86 1.34 0.00	32.08 1.26 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.81 1.57 0.00	42.30 1.93 0.00	39.56 2.50 0.00	40.16 2.76 0.00	36.49 2.17 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.58 1.03 0.00	23.15 1.15 0.00	69.48 3.45 0.00	34.80 1.94 0.00	37.24 2.25 0.00	32.75 1.89 0.00	29.75 1.59 0.00	35.31 1.74 0.00	31.42 1.62 0.00	25.78 1.16 0.00
AST_ENERGY_2_CC3 323677	28.75 1.24 0.00	31.97 1.15 0.00	33.07 1.18 0.00	33.80 1.22 0.00	42.67 1.43 0.00	42.17 1.79 0.00	39.44 2.38 0.00	40.08 2.68 0.00	36.43 2.11 0.00	28.60 1.46 0.00	25.61 1.19 0.00	23.75 1.15 0.00	21.42 1.04 0.00	19.22 0.96 0.00	20.56 1.00 0.00	23.09 1.09 0.00	69.32 3.29 0.00	34.75 1.89 0.00	37.17 2.19 0.00	32.70 1.84 0.00	29.66 1.50 0.00	35.23 1.66 0.00	31.36 1.56 0.00	25.71 1.09 0.00
AST_ENERGY_2_CC4 323678	28.75 1.24 0.00	31.97 1.15 0.00	33.07 1.18 0.00	33.80 1.22 0.00	42.67 1.43 0.00	42.17 1.79 0.00	39.44 2.38 0.00	40.08 2.68 0.00	36.43 2.11 0.00	28.60 1.46 0.00	25.61 1.19 0.00	23.75 1.15 0.00	21.42 1.04 0.00	19.22 0.96 0.00	20.56 1.00 0.00	23.09 1.09 0.00	69.32 3.29 0.00	34.75 1.89 0.00	37.17 2.19 0.00	32.70 1.84 0.00	29.66 1.50 0.00	35.23 1.66 0.00	31.36 1.56 0.00	25.71 1.09 0.00

ATHENS_STG_1 23668	28.30 0.79 0.00	31.55 0.73 0.00	32.69 0.80 0.00	33.42 0.83 0.00	42.30 1.06 0.00	41.62 1.24 0.00	38.55 1.49 0.00	38.96 1.57 0.00	35.49 1.16 0.00	27.87 0.74 0.00	24.97 0.55 0.00	23.11 0.51 0.00	20.85 0.47 0.00	18.69 0.43 0.00	20.04 0.48 0.00	22.54 0.54 0.00	67.83 1.80 0.00	34.00 1.14 0.00	36.36 1.39 0.00	32.00 1.14 0.00	29.07 0.91 0.00	34.62 1.05 0.00	30.74 0.94 0.00	25.29 0.66 0.00
ATHENS_STG_2 23670	28.30 0.79 0.00	31.55 0.73 0.00	32.69 0.80 0.00	33.42 0.83 0.00	42.30 1.06 0.00	41.62 1.24 0.00	38.55 1.49 0.00	38.96 1.57 0.00	35.49 1.16 0.00	27.87 0.74 0.00	24.97 0.55 0.00	23.11 0.51 0.00	20.85 0.47 0.00	18.69 0.43 0.00	20.04 0.48 0.00	22.54 0.54 0.00	67.83 1.80 0.00	34.00 1.14 0.00	36.36 1.39 0.00	32.00 1.14 0.00	29.07 0.91 0.00	34.62 1.05 0.00	30.74 0.94 0.00	25.29 0.66 0.00
ATHENS_STG_3 23677	28.30 0.79 0.00	31.55 0.73 0.00	32.69 0.80 0.00	33.42 0.83 0.00	42.30 1.06 0.00	41.62 1.24 0.00	38.55 1.49 0.00	38.96 1.57 0.00	35.49 1.16 0.00	27.87 0.74 0.00	24.97 0.55 0.00	23.11 0.51 0.00	20.85 0.47 0.00	18.69 0.43 0.00	20.04 0.48 0.00	22.54 0.54 0.00	67.83 1.80 0.00	34.00 1.14 0.00	36.36 1.39 0.00	32.00 1.14 0.00	29.07 0.91 0.00	34.62 1.05 0.00	30.74 0.94 0.00	25.29 0.66 0.00
AUBURN___LFGE 323710	27.15 -0.37 0.00	30.46 -0.36 0.00	31.35 -0.53 0.00	32.04 -0.54 0.00	40.67 -0.58 0.00	39.82 -0.56 0.00	36.77 -0.29 0.00	37.12 -0.28 0.00	33.82 -0.50 0.00	26.72 -0.42 0.00	24.16 -0.26 0.00	22.29 -0.31 0.00	20.07 -0.31 0.00	17.89 -0.37 0.00	19.21 -0.35 0.00	21.61 -0.38 0.00	64.92 -1.12 0.00	32.34 -0.52 0.00	34.55 -0.43 0.00	30.42 -0.44 0.00	27.64 -0.52 0.00	32.86 -0.71 0.00	29.21 -0.59 0.00	24.25 -0.38 0.00
BABYLON_RES_REC 323704	29.26 1.74 0.00	32.44 1.62 0.00	33.45 1.56 0.00	34.17 1.59 0.00	43.01 1.77 0.00	42.53 2.16 0.00	39.80 2.74 0.00	40.46 3.06 0.00	36.70 2.38 0.00	28.74 1.61 0.00	25.89 1.48 0.00	24.00 1.40 0.00	21.58 1.20 0.00	19.39 1.12 0.00	20.79 1.23 0.00	23.46 1.47 0.00	70.52 4.49 0.00	35.34 2.48 0.00	37.96 2.98 0.00	33.39 2.52 0.00	30.29 2.13 0.00	35.88 2.30 0.00	31.84 2.05 0.00	26.13 1.51 0.00
BABYLON__69_KV_BK2 356345	29.55 2.03 0.00	32.73 1.91 0.00	33.72 1.83 0.00	34.46 1.87 0.00	43.33 2.09 0.00	42.85 2.48 0.00	40.12 3.06 0.00	40.77 3.37 0.00	36.99 2.67 0.00	28.96 1.82 0.00	26.13 1.71 0.00	24.21 1.61 0.00	21.77 1.38 0.00	19.55 1.29 0.00	20.97 1.41 0.00	23.69 1.69 0.00	71.23 5.19 0.00	35.71 2.84 0.00	38.38 3.39 0.00	33.74 2.88 0.00	30.61 2.45 0.00	36.23 2.65 0.00	32.13 2.33 0.00	26.36 1.74 0.00
BALL_HILL_WT_PWR 323825	25.92 -1.60 0.00	28.74 -2.08 0.00	29.84 -2.05 0.00	30.44 -2.14 0.00	38.40 -2.84 0.00	37.61 -2.76 0.00	34.39 -2.67 0.00	34.71 -2.69 0.00	31.52 -2.80 0.00	25.32 -1.82 0.00	23.00 -1.42 0.00	21.28 -1.32 0.00	19.08 -1.30 0.00	16.99 -1.27 0.00	18.17 -1.39 0.00	20.47 -1.52 0.00	60.75 -5.28 0.00	29.94 -2.93 0.00	31.86 -3.12 0.00	27.86 -3.00 0.00	25.24 -2.92 0.00	30.29 -3.29 0.00	27.20 -2.60 0.00	22.62 -2.00 0.00
BARON_WINDS___WT_PWR 323822	26.67 -0.84 0.00	30.16 -0.66 0.00	31.07 -0.82 0.00	31.68 -0.90 0.00	40.29 -0.95 0.00	39.25 -1.12 0.00	36.31 -0.75 0.00	36.72 -0.67 0.00	33.37 -0.95 0.00	26.53 -0.61 0.00	23.96 -0.46 0.00	22.12 -0.48 0.00	19.90 -0.48 0.00	17.85 -0.41 0.00	18.94 -0.62 0.00	21.13 -0.86 0.00	62.77 -3.26 0.00	31.26 -1.61 0.00	33.34 -1.64 0.00	29.21 -1.65 0.00	26.31 -1.85 0.00	31.59 -1.99 0.00	28.31 -1.49 0.00	23.50 -1.12 0.00
BARRETT_IC_1 23704	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_10 23701	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_11 23702	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_12 23703	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_2 23705	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_3 23706	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_4 23707	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00

BARRETT_IC_5 23708	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_6 23709	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_7 23710	29.12 1.60 0.00	32.34 1.52 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.27 2.87 0.00	36.56 2.24 0.00	28.69 1.56 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_8 23711	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT_IC_9 23700	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT___1 23545	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BARRETT___2 23546	29.12 1.60 0.00	32.34 1.51 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.92 1.68 0.00	42.39 2.01 0.00	39.60 2.54 0.00	40.26 2.87 0.00	36.57 2.25 0.00	28.69 1.55 0.00	25.83 1.42 0.00	23.95 1.35 0.00	21.55 1.17 0.00	19.36 1.10 0.00	20.75 1.19 0.00	23.39 1.39 -0.01	69.76 3.73 0.00	34.80 1.93 0.00	37.56 2.58 0.00	33.03 2.17 0.00	30.03 1.87 0.00	35.71 2.13 0.00	31.72 1.92 0.00	26.02 1.40 0.00
BATAVIA___115KV_TB1 55881	26.32 -1.20 0.00	29.19 -1.63 0.00	30.21 -1.68 0.00	30.77 -1.81 0.00	38.91 -2.33 0.00	38.05 -2.32 0.00	34.74 -2.33 0.00	35.13 -2.27 0.00	31.82 -2.50 0.00	25.37														

BAYONEEC___CTG7 323688	28.78 1.27 0.00	32.01 1.19 0.00	33.12 1.23 0.00	33.83 1.25 0.00	42.71 1.47 0.00	42.19 1.81 0.00	39.46 2.40 0.00	40.09 2.69 0.00	36.42 2.10 0.00	28.59 1.45 0.00	25.63 1.22 0.00	23.77 1.18 0.00	21.44 1.06 0.00	19.24 0.97 0.00	20.57 1.01 0.00	23.10 1.11 0.00	69.38 3.35 0.00	34.77 1.90 0.00	37.20 2.22 0.00	32.73 1.86 0.00	29.68 1.53 0.00	35.25 1.68 0.00	31.39 1.59 0.00	25.74 1.12 0.00
BAYONEEC___CTG8 323689	28.78 1.27 0.00	32.01 1.19 0.00	33.12 1.23 0.00	33.83 1.25 0.00	42.71 1.47 0.00	42.19 1.81 0.00	39.46 2.40 0.00	40.09 2.69 0.00	36.42 2.10 0.00	28.59 1.45 0.00	25.63 1.22 0.00	23.77 1.18 0.00	21.44 1.06 0.00	19.24 0.97 0.00	20.57 1.01 0.00	23.10 1.11 0.00	69.38 3.35 0.00	34.77 1.90 0.00	37.20 2.22 0.00	32.73 1.86 0.00	29.68 1.53 0.00	35.25 1.68 0.00	31.39 1.59 0.00	25.74 1.12 0.00
BAYONEEC___CTG9 323749	28.78 1.27 0.00	32.01 1.19 0.00	33.12 1.23 0.00	33.83 1.25 0.00	42.71 1.47 0.00	42.19 1.81 0.00	39.46 2.40 0.00	40.09 2.69 0.00	36.42 2.10 0.00	28.59 1.45 0.00	25.63 1.22 0.00	23.77 1.18 0.00	21.44 1.06 0.00	19.24 0.97 0.00	20.57 1.01 0.00	23.10 1.11 0.00	69.38 3.35 0.00	34.77 1.90 0.00	37.20 2.22 0.00	32.73 1.86 0.00	29.68 1.53 0.00	35.25 1.68 0.00	31.39 1.59 0.00	25.74 1.12 0.00
BEACON___LESR 323632	28.39 0.88 0.00	31.66 0.84 0.00	32.84 0.95 0.00	33.56 0.98 0.00	42.50 1.26 0.00	41.79 1.42 0.00	38.69 1.63 0.00	39.02 1.62 0.00	35.52 1.20 0.00	27.82 0.68 0.00	24.85 0.43 0.00	22.97 0.37 0.00	20.74 0.36 0.00	18.57 0.30 0.00	19.94 0.38 0.00	22.49 0.50 0.00	67.94 1.91 0.00	34.11 1.24 0.00	36.48 1.50 0.00	32.14 1.28 0.00	29.16 1.00 0.00	34.80 1.23 0.00	30.84 1.05 0.00	25.30 0.68 0.00
BEAVER RIVER___HYD 24048	27.74 0.23 0.00	31.14 0.31 0.00	32.18 0.29 0.00	32.85 0.27 0.00	41.59 0.35 0.00	40.68 0.31 0.00	37.39 0.33 0.00	37.21 -0.19 0.00	33.84 -0.48 0.00	26.65 -0.49 0.00	24.00 -0.41 0.00	21.84 -0.76 0.00	19.72 -0.66 0.00	17.74 -0.52 0.00	18.87 -0.69 0.00	21.32 -0.67 0.00	64.60 -1.43 0.00	32.69 -0.18 0.00	34.69 -0.29 0.00	30.11 -0.75 0.00	27.10 -1.05 0.00	32.32 -1.25 0.00	28.72 -1.08 0.00	23.76 -0.86 0.00
BEEBEE_GT_13 23619	26.31 -1.21 0.00	29.26 -1.56 0.00	30.28 -1.61 0.00	30.88 -1.71 0.00	39.03 -2.21 0.00	38.17 -2.20 0.00	34.96 -2.10 0.00	35.34 -2.06 0.00	32.15 -2.17 0.00	25.61 -1.53 0.00	23.18 -1.24 0.00	21.45 -1.15 0.00	19.26 -1.12 0.00	17.18 -1.09 0.00	18.37 -1.18 0.00	20.76 -1.24 0.00	62.20 -3.83 0.00	30.88 -1.99 0.00	32.85 -2.13 0.00	28.83 -2.04 0.00	26.22 -1.93 0.00	31.31 -2.26 0.00	27.89 -1.91 0.00	23.07 -1.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.18 1.66 0.00	32.43 1.60 0.00	33.53 1.65 0.00	34.27 1.68 0.00	43.24 2.00 0.00	42.74 2.37 0.00	39.97 2.91 0.00	48.51 3.20 -7.92	36.86 2.54 0.00	37.28 1.79 -8.35	25.97 1.54 0.00	24.08 1.48 0.00	21.72 1.33 -0.01	19.50 1.22 -0.01	20.84 1.26 -0.02	23.42 1.42 -0.01	70.24 4.21 0.00	35.16 2.29 0.00	37.60 2.62 0.00	33.09 2.23 0.00	30.06 1.90 0.00	35.69 2.12 0.00	31.79 1.99 0.00	26.08 1.46 0.00
BETHLEHEM___GRP 23843	27.91 0.40 0.00	31.12 0.30 0.00	32.29 0.40 0.00	33.03 0.44 0.00	41.82 0.58 0.00	41.08 0.71 0.00	38.00 0.94 0.00	38.32 0.92 0.00	34.93 0.61 0.00	27.39 0.25 0.00	24.49 0.07 0.00	22.65 0.05 0.00	20.47 0.09 0.00	18.34 0.08 0.00	19.69 0.13 0.00	22.16 0.16 0.00	66.78 0.75 0.00	33.54 0.67 0.00	35.84 0.86 0.00	31.56 0.70 0.00	28.68 0.52 0.00	34.20 0.62 0.00	30.30 0.50 0.00	24.93 0.31 0.00
BETHLEHEM___GS1 323560	27.92 0.40 0.00	31.12 0.30 0.00	32.29 0.40 0.00	33.03 0.44 0.00	41.82 0.58 0.00	41.08 0.71 0.00	38.00 0.94 0.00	38.32 0.92 0.00	34.93 0.61 0.00	27.39 0.25 0.00	24.49 0.07 0.00	22.65 0.05 0.00	20.47 0.09 0.00	18.35 0.08 0.00	19.69 0.13 0.00	22.16 0.16 0.00	66.78 0.75 0.00	33.54 0.67 0.00	35.85 0.87 0.00	31.56 0.70 0.00	28.68 0.52 0.00	34.19 0.62 0.00	30.30 0.50 0.00	24.93 0.31 0.00
BETHLEHEM___GS2 323561	27.92 0.40 0.00	31.12 0.30 0.00	32.29 0.40 0.00	33.03 0.44 0.00	41.82 0.58 0.00	41.08 0.71 0.00	38.00 0.94 0.00	38.32 0.92 0.00	34.93 0.61 0.00	27.39 0.25 0.00	24.49 0.07 0.00	22.65 0.05 0.00	20.47 0.09 0.00	18.35 0.08 0.00	19.69 0.13 0.00	22.16 0.16 0.00	66.78 0.75 0.00	33.54 0.67 0.00	35.85 0.87 0.00	31.56 0.70 0.00	28.68 0.52 0.00	34.19 0.62 0.00	30.30 0.50 0.00	24.93 0.31 0.00
BETHLEHEM___GS3 323562	27.92 0.40 0.00	31.12 0.30 0.00	32.29 0.40 0.00	33.03 0.44 0.00	41.82 0.58 0.00	41.08 0.71 0.00	38.00 0.94 0.00	38.32 0.92 0.00	34.93 0.61 0.00	27.39 0.25 0.00	24.49 0.07 0.00	22.65 0.05 0.00	20.47 0.09 0.00	18.35 0.08 0.00	19.69 0.13 0.00	22.16 0.16 0.00	66.78 0.75 0.00	33.54 0.67 0.00	35.85 0.87 0.00	31.56 0.70 0.00	28.68 0.52 0.00	34.19 0.62 0.00	30.30 0.50 0.00	24.93 0.31 0.00
BETHLEHEM___STEEL 23779	25.96 -1.56 0.00	28.80 -2.02 0.00	29.85 -2.04 0.00	30.39 -2.19 0.00	38.34 -2.90 0.00	37.44 -2.93 0.00	34.09 -2.97 0.00	34.47 -2.93 0.00	31.39 -2.93 0.00	25.24 -1.89 0.00	22.91 -1.50 0.00	21.22 -1.38 0.00	19.00 -1.38 0.00	16.92 -1.35 0.00	18.08 -1.48 0.00	20.48 -1.52 0.00	60.99 -5.04 0.00	30.05 -2.82 0.00	31.88 -3.10 0.00	27.88 -2.98 0.00	25.32 -2.84 0.00	30.33 -3.25 0.00	27.14 -2.66 0.00	22.50 -2.12 0.00
BETHLHEM_115KV_TB1 79974	27.94 0.42 0.00	31.15 0.33 0.00	32.32 0.42 0.00	33.05 0.47 0.00	41.86 0.62 0.00	41.13 0.75 0.00	38.04 0.97 0.00	38.36 0.96 0.00	34.96 0.64 0.00	27.41 0.27 0.00	24.50 0.08 0.00	22.67 0.07 0.00	20.48 0.10 0.00	18.36 0.09 0.00	19.70 0.14 0.00	22.18 0.18 0.00	66.84 0.81 0.00	33.58 0.71 0.00	35.91 0.93 0.00	31.60 0.74 0.00	28.71 0.55 0.00	34.24 0.67 0.00	30.35 0.55 0.00	24.97 0.35 0.00
BETHPAGE_CC_5 323564	29.21 1.69 0.00	32.41 1.58 0.00	33.42 1.53 0.00	34.15 1.57 0.00	43.00 1.76 0.00	42.50 2.13 0.00	39.77 2.71 0.00	40.42 3.02 0.00	36.70 2.38 0.00	28.78 1.64 0.00	25.92 1.50 0.00	24.02 1.42 0.00	21.61 1.23 0.00	19.41 1.15 0.00	20.81 1.25 0.00	23.48 1.48 0.00	70.32 4.29 0.00	35.17 2.31 0.00	37.82 2.84 0.00	33.25 2.39 0.00	30.16 2.01 0.00	35.78 2.20 0.00	31.82 2.02 0.00	26.10 1.47 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.13 -1.39 0.00	28.99 -1.83 0.00	30.05 -1.84 0.00	30.59 -2.00 0.00	38.58 -2.66 0.00	37.69 -2.68 0.00	34.34 -2.72 0.00	34.74 -2.66 0.00	31.62 -2.70 0.00	25.42 -1.71 0.00	23.08 -1.34 0.00	21.38 -1.22 0.00	19.13 -1.25 0.00	17.04 -1.23 0.00	18.21 -1.35 0.00	20.62 -1.38 0.00	61.39 -4.64 0.00	30.25 -2.62 0.00	32.08 -2.89 0.00	28.07 -2.80 0.00	25.48 -2.67 0.00	30.52 -3.05 0.00	27.31 -2.49 0.00	22.64 -1.99 0.00

BINGHAMTON___COGEN 23790	27.31 -0.21 0.00	30.56 -0.27 0.00	31.58 -0.31 0.00	32.27 -0.31 0.00	40.82 -0.42 0.00	40.07 -0.31 0.00	37.08 0.02 0.00	37.46 0.06 0.00	34.02 -0.30 0.00	26.90 -0.23 0.00	24.27 -0.15 0.00	22.42 -0.18 0.00	20.16 -0.22 0.00	18.08 -0.19 0.00	19.31 -0.25 0.00	21.67 -0.32 0.00	65.13 -0.90 0.00	32.51 -0.36 0.00	34.69 -0.30 0.00	30.49 -0.37 0.00	27.63 -0.52 0.00	33.04 -0.54 0.00	29.43 -0.37 0.00	24.32 -0.30 0.00
BIXINCNT_115KV_LOAD 355685	26.56 -0.96 0.00	29.60 -1.22 0.00	30.65 -1.24 0.00	31.09 -1.49 0.00	39.25 -2.00 0.00	38.39 -1.98 0.00	35.19 -1.87 0.00	35.60 -1.80 0.00	32.50 -1.82 0.00	26.16 -0.97 0.00	23.71 -0.71 0.00	21.96 -0.64 0.00	19.61 -0.77 0.00	17.53 -0.73 0.00	18.67 -0.89 0.00	21.05 -0.94 0.00	62.30 -3.73 0.00	30.58 -2.28 0.00	32.28 -2.70 0.00	28.22 -2.64 0.00	25.54 -2.61 0.00	30.65 -2.93 0.00	27.47 -2.33 0.00	22.75 -1.87 0.00
BLACK RIVER___HYD 24047	27.55 0.03 0.00	30.87 0.05 0.00	31.93 0.04 0.00	32.59 0.01 0.00	41.30 0.06 0.00	40.49 0.12 0.00	37.29 0.23 0.00	37.09 -0.30 0.00	33.54 -0.78 0.00	26.16 -0.98 0.00	23.60 -0.82 0.00	21.33 -1.27 0.00	19.29 -1.09 0.00	17.33 -0.93 0.00	18.40 -1.16 0.00	20.81 -1.18 0.00	63.25 -2.78 0.00	32.37 -0.49 0.00	34.47 -0.51 0.00	29.82 -1.04 0.00	26.77 -1.39 0.00	31.85 -1.73 0.00	28.26 -1.54 0.00	23.35 -1.28 0.00
BLACKRVR_115KV_TB2 79977	27.55 0.03 0.00	30.87 0.05 0.00	31.93 0.04 0.00	32.59 0.01 0.00	41.30 0.06 0.00	40.49 0.12 0.00	37.29 0.23 0.00	37.09 -0.30 0.00	33.54 -0.78 0.00	26.16 -0.98 0.00	23.60 -0.82 0.00	21.33 -1.27 0.00	19.29 -1.09 0.00	17.33 -0.93 0.00	18.40 -1.16 0.00	20.81 -1.18 0.00	63.25 -2.78 0.00	32.37 -0.49 0.00	34.47 -0.51 0.00	29.82 -1.04 0.00	26.77 -1.39 0.00	31.85 -1.73 0.00	28.26 -1.54 0.00	23.35 -1.28 0.00
BLISS_WT_PWR 323608	26.47 -1.05 0.00	29.53 -1.29 0.00	30.56 -1.33 0.00	30.98 -1.60 0.00	39.13 -2.11 0.00	38.30 -2.08 0.00	35.11 -1.95 0.00	35.52 -1.88 0.00	32.47 -1.85 0.00	26.17 -0.97 0.00	23.70 -0.72 0.00	21.95 -0.65 0.00	19.58 -0.80 0.00	17.53 -0.74 0.00	18.66 -0.90 0.00	21.03 -0.96 0.00	62.16 -3.87 0.00	30.47 -2.40 0.00	32.09 -2.89 0.00	28.05 -2.81 0.00	25.37 -2.78 0.00	30.47 -3.11 0.00	27.28 -2.52 0.00	22.60 -2.02 0.00
BLUESTONE___WT_PWR 323821	27.94 0.42 0.00	32.16 1.33 0.00	32.68 0.79 0.00	33.66 1.08 0.00	43.33 2.10 0.00	42.31 1.94 0.00	39.16 2.10 0.00	39.28 1.88 0.00	35.89 1.57 0.00	28.41 1.27 0.00	25.54 1.12 0.00	23.42 0.82 0.00	21.03 0.65 0.00	18.76 0.49 0.00	20.03 0.47 0.00	22.32 0.32 0.00	68.07 2.04 0.00	33.66 0.79 0.00	35.65 0.68 0.00	30.94 0.08 0.00	27.75 -0.41 0.00	33.17 -0.41 0.00	29.88 0.08 0.00	25.17 0.56 0.00
BLUE_CIRC_CHEM_DRP 24182	28.26 0.74 0.00	31.52 0.70 0.00	32.70 0.81 0.00	33.44 0.85 0.00	42.35 1.11 0.00	41.58 1.21 0.00	38.39 1.33 0.00	38.69 1.29 0.00	35.27 0.95 0.00	27.67 0.54 0.00	24.76 0.34 0.00	22.90 0.30 0.00	20.68 0.30 0.00	18.54 0.27 0.00	19.88 0.32 0.00	22.37 0.38 0.00	67.46 1.43 0.00	33.82 0.95 0.00	36.15 1.17 0.00	31.82 0.96 0.00	28.92 0.76 0.00	34.49 0.91 0.00	30.57 0.77 0.00	25.18 0.55 0.00
BOC_GAS_DRP 24189	28.05 0.54 0.00	31.30 0.48 0.00	32.44 0.55 0.00	33.17 0.59 0.00	42.00 0.76 0.00	41.24 0.87 0.00	38.11 1.06 0.00	38.47 1.07 0.00	35.08 0.76 0.00	27.58 0.44 0.00	24.69 0.28 0.00	22.85 0.25 0.00	20.63 0.25 0.00	18.50 0.24 0.00	19.83 0.28 0.00	22.31 0.31 0.00	67.12 1.10 0.00	33.64 0.77 0.00	35.94 0.96 0.00	31.65 0.78 0.00	28.77 0.61 0.00	34.29 0.72 0.00	30.42 0.62 0.00	25.05 0.42 0.00
BOONVILLE_115KV_TB1 79983	28.17 0.65 0.00	31.53 0.70 0.00	32.60 0.71 0.00	33.30 0.71 0.00	42.18 0.94 0.00	41.38 1.01 0.00	38.14 1.08 0.00	38.22 0.82 0.00	34.84 0.52 0.00	27.47 0.33 0.00	24.64 0.22 0.00	22.60 0.01 0.00	20.39 0.01 0.00	18.29 0.03 0.00	19.51 -0.05 0.00	21.99 0.00 0.00	66.58 0.55 0.00	33.49 0.62 0.00	35.64 0.66 0.00	31.15 0.29 0.00	28.15 0.00 0.00	33.55 -0.02 0.00	29.79 -0.01 0.00	24.59 -0.03 0.00
BORALEX_4TH_BRANCH 23824	28.68 1.16 0.00	31.94 1.12 0.00	33.25 1.36 0.00	34.07 1.49 0.00	43.27 2.03 0.00	42.53 2.16 0.00	39.30 2.24 0.00	39.51 2.11 0.00	35.87 1.56 0.00	27.97 0.83 0.00	24.92 0.50 0.00	23.06 0.45 0.00	20.83 0.45 0.00	18.66 0.39 0.00	20.08 0.52 0.00	22.59 0.59 0.00	68.20 2.17 0.00	34.26 1.39 0.00	36.76 1.78 0.00	32.34 1.48 0.00	29.36 1.20 0.00	35.23 1.66 0.00	31.14 1.34 0.00	25.60 0.97 0.00
BOWLINE___1 23526	28.65 1.13 0.00	31.89 1.07 0.00	33.01 1.12 0.00	33.75 1.16 0.00	42.67 1.43 0.00	42.09 1.72 0.00	39.25 2.19 0.00	39.83 2.43 0.00	36.12 1.80 0.00	28.32 1.18 0.00	25.44 1.02 0.00	23.58 0.98 0.00	21.24 0.87 0.00	19.07 0.81 0.00	20.41 0.85 0.00	22.95 0.96 0.00	68.97 2.94 0.00	34.60 1.73 0.00	37.05 2.07 0.00	32.58 1.72 0.00	29.54 1.39 0.00	35.09 1.52 0.00	31.26 1.46 0.00	25.67 1.04 0.00
BOWLINE___2 23595	28.65 1.13 0.00	31.89 1.07 0.00	33.01 1.12 0.00	33.75 1.16 0.00	42.67 1.43 0.00	42.09 1.72 0.00	39.25 2.19 0.00	39.83 2.43 0.00	36.12 1.80 0.00	28.32 1.18 0.00	25.44 1.02 0.00	23.58 0.98 0.00	21.24 0.87 0.00	19.07 0.81 0.00	20.41 0.85 0.00	22.95 0.96 0.00	68.97 2.94 0.00	34.60 1.73 0.00	37.05 2.07 0.00	32.58 1.72 0.00	29.54 1.39 0.00	35.09 1.52 0.00	31.26 1.46 0.00	25.67 1.04 0.00
BRADY___115KV_TB2 356060	28.25 0.73 0.00	31.90 1.08 0.00	32.93 1.04 0.00	33.58 1.00 0.00	42.34 1.10 0.00	41.13 0.76 0.00	37.39 0.32 0.00	37.63 0.23 0.00	34.89 0.57 0.00	27.79 0.65 0.00	25.13 0.70 0.00	23.26 0.66 0.00	20.90 0.52 0.00	18.73 0.47 0.00	20.04 0.48 0.00	22.59 0.60 0.00	67.58 1.55 0.00	33.40 0.53 0.00	35.40 0.42 0.00	31.30 0.43 0.00	28.79 0.64 0.00	34.43 0.86 0.00	30.59 0.79 0.00	25.38 0.75 0.00
BRANSCOMB___SOLAR 323811	28.63 1.12 0.00	31.92 1.10 0.00	33.17 1.28 0.00	34.00 1.41 0.00	43.12 1.88 0.00	42.36 1.99 0.00	39.15 2.09 0.00	39.36 1.97 0.00	35.85 1.53 0.00	28.02 0.88 0.00	24.85 0.43 0.00	22.95 0.35 0.00	20.74 0.36 0.00	18.55 0.28 0.00	19.93 0.37 0.00	22.53 0.53 0.00	68.43 2.40 0.00	34.42 1.56 0.00	36.84 1.86 0.00	32.44 1.57 0.00	29.40 1.24 0.00	34.99 1.42 0.00	30.95 1.15 0.00	25.48 0.85 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.49 1.97 0.00	32.64 1.82 0.00	33.60 1.71 0.00	34.33 1.75 0.00	43.16 1.92 0.00	42.68 2.31 0.00	39.91 2.85 0.00	40.55 3.15 0.00	36.85 2.53 0.00	28.87 1.74 0.00	26.07 1.65 0.00	24.16 1.56 0.00	21.72 1.34 0.00	19.51 1.25 0.00	20.92 1.36 0.00	23.62 1.63 0.00	71.00 4.97 0.00	35.55 2.69 0.00	38.22 3.24 0.00	33.58 2.72 0.00	30.45 2.30 0.00	36.06 2.48 0.00	31.97 2.17 0.00	26.26 1.63 0.00

BRISTLHL_115KV_TB1 79998	26.49 -1.03 0.00	29.58 -1.24 0.00	30.59 -1.30 0.00	31.26 -1.33 0.00	39.55 -1.69 0.00	38.81 -1.57 0.00	35.78 -1.28 0.00	36.12 -1.28 0.00	32.96 -1.36 0.00	26.09 -1.04 0.00	23.57 -0.85 0.00	21.78 -0.82 0.00	19.62 -0.76 0.00	17.58 -0.68 0.00	18.78 -0.78 0.00	21.10 -0.90 0.00	63.27 -2.76 0.00	31.65 -1.22 0.00	33.72 -1.26 0.00	29.66 -1.20 0.00	27.00 -1.16 0.00	32.22 -1.36 0.00	28.62 -1.18 0.00	23.68 -0.94 0.00
BROOKHAVEN___DRP 24191	28.95 1.43 0.00	32.05 1.23 0.00	33.00 1.11 0.00	33.73 1.15 0.00	42.40 1.16 0.00	41.88 1.51 0.00	39.21 2.15 0.00	40.05 2.65 0.00	36.20 1.88 0.00	28.24 1.11 0.00	25.74 1.32 0.00	23.90 1.30 0.00	21.44 1.06 0.00	19.30 1.04 0.00	20.67 1.12 0.00	23.35 1.36 0.00	70.33 4.30 0.00	35.35 2.49 0.00	37.95 2.97 0.00	33.45 2.59 0.00	30.33 2.18 0.00	35.85 2.27 0.00	31.70 1.90 0.00	26.05 1.43 0.00
BROOKLYN_NAVY_YARD 23515	28.79 1.27 0.00	32.01 1.19 0.00	33.12 1.23 0.00	33.84 1.25 0.00	42.73 1.49 0.00	42.20 1.83 0.00	39.48 2.42 0.00	40.14 2.74 0.00	36.47 2.15 0.00	28.64 1.50 0.00	25.66 1.24 0.00	23.80 1.20 0.00	21.45 1.08 0.00	19.26 1.00 0.00	20.59 1.03 0.00	23.13 1.13 0.00	69.45 3.42 0.00	34.83 1.96 0.00	37.25 2.27 0.00	32.77 1.91 0.00	29.73 1.57 0.00	35.32 1.74 0.00	31.42 1.62 0.00	25.77 1.14 0.00
BROOKLYN___ARMY_DRP 323595	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.77 2.71 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.92 0.00	31.62 1.82 0.00	25.95 1.33 0.00
BROOKVLE_69_KV_TB1 55790	29.42 1.90 0.00	32.65 1.83 0.00	33.67 1.79 0.00	34.42 1.84 0.00	43.38 2.14 0.00	42.88 2.51 0.00	40.11 3.05 0.00	40.76 3.36 0.00	37.01 2.69 0.00	29.03 1.89 0.00	26.13 1.71 0.00	24.21 1.61 0.00	21.80 1.41 0.00	19.58 1.31 0.00	20.98 1.42 0.00	23.65 1.66 0.00	70.95 4.92 0.00	35.32 2.45 0.00	37.99 3.00 0.00	33.39 2.53 0.00	30.28 2.13 0.00	36.01 2.44 0.00	32.05 2.25 0.00	26.29 1.66 0.00
BROOME_2_LFGE 323671	27.31 -0.21 0.00	30.56 -0.26 0.00	31.58 -0.31 0.00	32.27 -0.31 0.00	40.82 -0.42 0.00	40.07 -0.31 0.00	37.08 0.02 0.00	37.46 0.06 0.00	34.02 -0.30 0.00	26.90 -0.23 0.00	24.27 -0.15 0.00	22.42 -0.18 0.00	20.16 -0.22 0.00	18.08 -0.19 0.00	19.31 -0.25 0.00	21.67 -0.33 0.00	65.13 -0.90 0.00	32.51 -0.36 0.00	34.69 -0.30 0.00	30.49 -0.37 0.00	27.63 -0.52 0.00	33.04 -0.54 0.00	29.43 -0.37 0.00	24.32 -0.30 0.00
BROOME___LFGE 323600	27.31 -0.21 0.00	30.56 -0.26 0.00	31.58 -0.31 0.00	32.27 -0.31 0.00	40.82 -0.42 0.00	40.07 -0.31 0.00	37.08 0.02 0.00	37.46 0.06 0.00	34.02 -0.30 0.00	26.90 -0.23 0.00	24.27 -0.15 0.00	22.42 -0.18 0.00	20.16 -0.22 0.00	18.08 -0.19 0.00	19.31 -0.25 0.00	21.67 -0.33 0.00	65.13 -0.90 0.00	32.51 -0.36 0.00	34.69 -0.30 0.00	30.49 -0.37 0.00	27.63 -0.52 0.00	33.04 -0.54 0.00	29.43 -0.37 0.00	24.32 -0.30 0.00
BROWNFLS_115KV_TB_3_5 80003	27.73 0.21 0.00	31.21 0.38 0.00	32.24 0.35 0.00	32.89 0.31 0.00	41.56 0.32 0.00	40.41 0.04 0.00	36.97 -0.09 0.00	36.95 -0.45 0.00	33.92 -0.40 0.00	26.90 -0.24 0.00	24.37 -0.05 0.00	22.32 -0.28 0.00	20.11 -0.27 0.00	18.07 -0.19 0.00	19.27 -0.28 0.00	21.76 -0.24 0.00	65.47 -0.55 0.00	32.66 -0.21 0.00	34.61 -0.37 0.00	30.27 -0.59 0.00	27.56 -0.59 0.00	32.97 -0.61 0.00	29.29 -0.51 0.00	24.30 -0.32 0.00
BROWNSV1_27_KV_LOAD 356125	29.09 1.57 0.00	32.33 1.50 0.00	33.43 1.55 0.00	34.16 1.58 0.00	43.12 1.88 0.00	42.62 2.24 0.00	39.88 2.82 0.00	40.54 3.14 0.00	36.84 2.52 0.00	28.91 1.77 0.00	25.92 1.51 0.00	24.04 1.44 0.00	21.67 1.29 0.00	19.44 1.18 0.00	20.79 1.23 0.00	23.36 1.37 0.00	70.16 4.14 0.00	35.17 2.30 0.00	37.63 2.65 0.00	33.11 2.25 0.00	30.02 1.87 0.00	35.65 2.08 0.00	31.73 1.93 0.00	26.00 1.38 0.00
BURROWS___LYONSDAL 23803	28.09 0.58 0.00	31.46 0.64 0.00	32.54 0.64 0.00	33.23 0.64 0.00	42.10 0.86 0.00	41.27 0.90 0.00	38.01 0.95 0.00	38.00 0.60 0.00	34.60 0.28 0.00	27.28 0.14 0.00	24.48 0.06 0.00	22.41 -0.19 0.00	20.23 -0.15 0.00	18.17 -0.10 0.00	19.36 -0.20 0.00	21.83 -0.16 0.00	66.15 0.12 0.00	33.33 0.46 0.00	35.42 0.44 0.00	30.89 0.03 0.00	27.85 -0.30 0.00	33.19 -0.39 0.00	29.48 -0.32 0.00	24.35 -0.27 0.00
CAITHNESS_CC_1 323624	28.94 1.42 0.00	32.04 1.22 0.00	32.99 1.10 0.00	33.72 1.14 0.00	42.39 1.15 0.00	41.87 1.50 0.00	39.20 2.14 0.00	40.00 2.61 0.00	36.19 1.87 0.00	28.25 1.11 0.00	25.73 1.31 0.00	23.89 1.29 0.00	21.43 1.06 0.00	19.29 1.03 0.00	20.67 1.11 0.00	23.33 1.34 0.00	70.27 4.24 0.00	35.29 2.42 0.00	37.89 2.91 0.00	33.40 2.53 0.00	30.27 2.12 0.00	35.79 2.21 0.00	31.67 1.87 0.00	26.03 1.40 0.00
CALPINE BETH_PAGE_GT4 24209	29.15 1.64 0.00	32.35 1.53 0.00	33.37 1.48 0.00	34.09 1.51 0.00	42.94 1.70 0.00	42.45 2.08 0.00	39.71 2.65 0.00	40.35 2.95 0.00	36.64 2.32 0.00	28.74 1.60 0.00	25.88 1.46 0.00	23.98 1.39 0.00	21.59 1.21 0.00	19.39 1.13 0.00	20.79 1.23 0.00	23.45 1.45 0.00	70.13 4.10 0.00	35.05 2.18 0.00	37.68 2.71 0.00	33.14 2.28 0.00	30.06 1.90 0.00	35.66 2.08 0.00	31.76 1.97 0.00	26.05 1.43 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.15 1.64 0.00	32.35 1.53 0.00	33.37 1.48 0.00	34.10 1.51 0.00	42.94 1.70 0.00	42.45 2.07 0.00	39.70 2.64 0.00	40.35 2.95 0.00	36.64 2.32 0.00	28.74 1.60 0.00	25.88 1.46 0.00	23.98 1.39 0.00	21.59 1.21 0.00	19.39 1.13 0.00	20.79 1.23 0.00	23.45 1.45 0.00	70.13 4.10 0.00	35.05 2.18 0.00	37.68 2.71 0.00	33.14 2.28 0.00	30.06 1.90 0.00	35.66 2.08 0.00	31.77 1.97 0.00	26.05 1.43 0.00
CALPINE_BP_GT1 23823	29.15 1.64 0.00	32.35 1.53 0.00	33.37 1.48 0.00	34.10 1.51 0.00	42.94 1.70 0.00	42.45 2.07 0.00	39.70 2.64 0.00	40.35 2.95 0.00	36.64 2.32 0.00	28.74 1.60 0.00	25.88 1.46 0.00	23.98 1.39 0.00	21.59 1.21 0.00	19.39 1.13 0.00	20.79 1.23 0.00	23.45 1.45 0.00	70.13 4.10 0.00	35.05 2.18 0.00	37.68 2.71 0.00	33.14 2.28 0.00	30.06 1.90 0.00	35.66 2.08 0.00	31.77 1.97 0.00	26.05 1.43 0.00
CALSPAN___DRP 24200	25.96 -1.56 0.00	28.80 -2.02 0.00	29.85 -2.04 0.00	30.39 -2.19 0.00	38.34 -2.90 0.00	37.44 -2.93 0.00	34.09 -2.97 0.00	34.47 -2.93 0.00	31.39 -2.93 0.00	25.24 -1.89 0.00	22.91 -1.50 0.00	21.22 -1.38 0.00	19.00 -1.38 0.00	16.92 -1.35 0.00	18.08 -1.48 0.00	20.48 -1.52 0.00	60.99 -5.04 0.00	30.05 -2.82 0.00	31.88 -3.10 0.00	27.88 -2.98 0.00	25.32 -2.84 0.00	30.33 -3.25 0.00	27.14 -2.66 0.00	22.50 -2.12 0.00

CALVERTON___SOLAR 323806	28.98 1.46 0.00	32.08 1.26 0.00	33.02 1.14 0.00	33.76 1.18 0.00	42.44 1.20 0.00	41.92 1.55 0.00	39.27 2.21 0.00	40.11 2.71 0.00	36.24 1.92 0.00	28.27 1.13 0.00	25.78 1.36 0.00	23.94 1.34 0.00	21.46 1.08 0.00	19.31 1.05 0.00	20.69 1.14 0.00	23.37 1.38 0.00	70.46 4.43 0.00	35.43 2.57 0.00	38.04 3.06 0.00	33.55 2.69 0.00	30.41 2.25 0.00	35.93 2.36 0.00	31.75 1.95 0.00	26.11 1.48 0.00
CANDIGU_WT_PWR 323617	26.67 -0.84 0.00	30.16 -0.66 0.00	31.07 -0.82 0.00	31.68 -0.90 0.00	40.29 -0.95 0.00	39.25 -1.12 0.00	36.31 -0.75 0.00	36.72 -0.67 0.00	33.37 -0.95 0.00	26.53 -0.61 0.00	23.96 -0.46 0.00	22.12 -0.48 0.00	19.90 -0.48 0.00	17.85 -0.41 0.00	18.94 -0.62 0.00	21.13 -0.86 0.00	62.77 -3.26 0.00	31.26 -1.61 0.00	33.34 -1.64 0.00	29.21 -1.65 0.00	26.31 -1.85 0.00	31.59 -1.99 0.00	28.31 -1.49 0.00	23.50 -1.12 0.00
CARR STREET_E_SYR 24060	26.67 -0.85 0.00	29.78 -1.04 0.00	30.80 -1.09 0.00	31.46 -1.13 0.00	39.81 -1.43 0.00	38.93 -1.44 0.00	35.91 -1.15 0.00	36.25 -1.15 0.00	33.11 -1.21 0.00	26.33 -0.81 0.00	23.80 -0.62 0.00	22.00 -0.60 0.00	19.82 -0.56 0.00	17.75 -0.51 0.00	18.98 -0.58 0.00	21.31 -0.68 0.00	63.90 -2.13 0.00	31.92 -0.95 0.00	34.01 -0.97 0.00	29.90 -0.96 0.00	27.19 -0.96 0.00	32.45 -1.12 0.00	28.84 -0.96 0.00	23.86 -0.76 0.00
CARTHAGE___PAPER 23857	27.91 0.39 0.00	31.27 0.45 0.00	32.33 0.43 0.00	32.99 0.41 0.00	41.80 0.56 0.00	40.92 0.55 0.00	37.64 0.57 0.00	37.45 0.05 0.00	33.97 -0.35 0.00	26.63 -0.51 0.00	23.99 -0.42 0.00	21.76 -0.84 0.00	19.64 -0.75 0.00	17.65 -0.61 0.00	18.76 -0.80 0.00	21.22 -0.77 0.00	64.46 -1.57 0.00	32.81 -0.06 0.00	34.86 -0.12 0.00	30.24 -0.63 0.00	27.18 -0.97 0.00	32.38 -1.19 0.00	28.75 -1.05 0.00	23.77 -0.85 0.00
CASSADAGA_WT_PWR 323784	26.16 -1.36 0.00	28.94 -1.88 0.00	30.30 -1.58 0.00	31.01 -1.57 0.00	39.03 -2.21 0.00	38.55 -1.82 0.00	35.47 -1.59 0.00	35.47 -1.92 0.00	32.29 -2.03 0.00	26.03 -1.11 0.00	23.61 -0.81 0.00	21.78 -0.82 0.00	19.65 -0.73 0.00	17.51 -0.75 0.00	18.69 -0.87 0.00	20.89 -1.11 0.00	61.21 -4.82 0.00	30.08 -2.78 0.00	32.04 -2.94 0.00	27.79 -3.07 0.00	25.14 -3.01 0.00	30.23 -3.34 0.00	27.47 -2.33 0.00	23.20 -1.42 0.00
CE_DUNWOOD___DRP 24194	28.77 1.25 0.00	32.01 1.18 0.00	33.12 1.23 0.00	33.86 1.27 0.00	42.79 1.54 0.00	42.22 1.85 0.00	39.40 2.33 0.00	40.00 2.60 0.00	36.31 1.99 0.00	28.49 1.35 0.00	25.55 1.13 0.00	23.68 1.08 0.00	21.34 0.96 0.00	19.15 0.89 0.00	20.50 0.95 0.00	23.05 1.06 0.00	69.30 3.27 0.00	34.75 1.89 0.00	37.22 2.24 0.00	32.73 1.87 0.00	29.69 1.53 0.00	35.26 1.69 0.00	31.38 1.58 0.00	25.76 1.14 0.00
CE_MILLWOOD___DRP 24193	28.74 1.22 0.00	31.97 1.15 0.00	33.09 1.20 0.00	33.83 1.24 0.00	42.76 1.52 0.00	42.19 1.82 0.00	39.36 2.29 0.00	39.95 2.55 0.00	36.25 1.93 0.00	28.43 1.29 0.00	25.52 1.10 0.00	23.64 1.04 0.00	21.30 0.92 0.00	19.12 0.86 0.00	20.47 0.91 0.00	23.02 1.02 0.00	69.20 3.17 0.00	34.70 1.83 0.00	37.16 2.18 0.00	32.68 1.82 0.00	29.64 1.49 0.00	35.22 1.65 0.00	31.34 1.54 0.00	25.73 1.11 0.00
CE_NYC2_DRP 24202	28.88 1.37 0.00	32.11 1.28 0.00	33.21 1.32 0.00	33.94 1.35 0.00	42.83 1.59 0.00	42.33 1.96 0.00	39.58 2.52 0.00	40.19 2.80 0.00	36.52 2.20 0.00	28.67 1.53 0.00	25.71 1.29 0.00	23.83 1.23 0.00	21.49 1.11 0.00	19.29 1.02 0.00	20.61 1.05 0.00	23.17 1.18 0.00	69.55 3.52 0.00	34.84 1.97 0.00	37.27 2.29 0.00	32.78 1.91 0.00	29.77 1.61 0.00	35.34 1.77 0.00	31.46 1.66 0.00	25.80 1.18 0.00
CE_NYC_DRP 24195	28.81 1.30 0.00	32.04 1.22 0.00	33.14 1.25 0.00	33.87 1.28 0.00	42.76 1.52 0.00	42.25 1.87 0.00	39.51 2.45 0.00	40.15 2.75 0.00	36.49 2.18 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.26 1.00 0.00	20.60 1.04 0.00	23.14 1.15 0.00	69.51 3.48 0.00	34.83 1.96 0.00	37.26 2.28 0.00	32.78 1.92 0.00	29.72 1.57 0.00	35.31 1.74 0.00	31.43 1.63 0.00	25.77 1.15 0.00
CHAFFEE___LFGE 323603	26.12 -1.40 0.00	28.97 -1.85 0.00	30.03 -1.86 0.00	30.57 -2.01 0.00	38.57 -2.67 0.00	37.69 -2.69 0.00	34.35 -2.72 0.00	34.76 -2.64 0.00	31.60 -2.72 0.00	25.40 -1.74 0.00	23.05 -1.37 0.00	21.35 -1.25 0.00	19.10 -1.28 0.00	17.02 -1.25 0.00	18.18 -1.38 0.00	20.59 -1.41 0.00	61.32 -4.71 0.00	30.24 -2.63 0.00	32.10 -2.88 0.00	28.08 -2.78 0.00	25.49 -2.67 0.00	30.55 -3.03 0.00	27.32 -2.48 0.00	22.64 -1.98 0.00
CHATEAUG_35_KV_LOAD 355732	28.28 0.76 0.00	31.72 0.89 0.00	32.52 0.62 0.00	33.07 0.48 0.00	42.26 1.02 0.00	41.22 0.85 0.00	37.69 0.63 0.00	37.83 0.43 0.00	35.30 0.98 0.00	28.04 0.90 0.00	25.27 0.85 0.00	23.28 0.68 0.00	20.98 0.60 0.00	18.93 0.66 0.00	20.35 0.79 0.00	22.75 0.76 0.00	68.34 2.31 0.00	33.85 0.99 0.00	35.74 0.76 0.00	31.35 0.49 0.00	28.49 0.34 0.00	34.13 0.55 0.00	29.84 0.04 0.00	24.99 0.37 0.00
CHATEAUG_WT_PWR 323614	28.13 0.61 0.00	31.57 0.75 0.00	32.37 0.48 0.00	32.91 0.33 0.00	42.06 0.82 0.00	41.04 0.67 0.00	37.57 0.52 0.00	37.67 0.28 0.00	35.15 0.84 0.00	27.92 0.78 0.00	25.18 0.76 0.00	23.19 0.59 0.00	20.90 0.52 0.00	18.86 0.60 0.00	20.30 0.74 0.00	22.71 0.71 0.00	68.22 2.19 0.00	33.78 0.92 0.00	35.63 0.65 0.00	31.24 0.38 0.00	28.34 0.18 0.00	33.93 0.36 0.00	29.63 -0.17 0.00	24.87 0.24 0.00
CHAT_HIGH_FALL_HYD 323578	28.28 0.76 0.00	31.72 0.89 0.00	32.52 0.62 0.00	33.07 0.48 0.00	42.26 1.02 0.00	41.22 0.85 0.00	37.69 0.63 0.00	37.83 0.43 0.00	35.30 0.98 0.00	28.04 0.90 0.00	25.27 0.85 0.00	23.28 0.68 0.00	20.98 0.60 0.00	18.93 0.66 0.00	20.35 0.79 0.00	22.75 0.76 0.00	68.34 2.31 0.00	33.85 0.99 0.00	35.74 0.76 0.00	31.35 0.49 0.00	28.49 0.34 0.00	34.13 0.55 0.00	29.84 0.04 0.00	24.99 0.37 0.00
CHAUTAUQUA___LFGE 323629	25.98 -1.54 0.00	28.80 -2.03 0.00	29.96 -1.92 0.00	30.63 -1.95 0.00	38.65 -2.58 0.00	37.99 -2.38 0.00	34.85 -2.21 0.00	35.07 -2.33 0.00	31.81 -2.51 0.00	25.56 -1.58 0.00	23.22 -1.20 0.00	21.44 -1.16 0.00	19.25 -1.13 0.00	17.18 -1.09 0.00	18.36 -1.20 0.00	20.61 -1.38 0.00	60.91 -5.12 0.00	30.02 -2.84 0.00	32.04 -2.94 0.00	27.94 -2.92 0.00	25.28 -2.87 0.00	30.35 -3.22 0.00	27.35 -2.45 0.00	22.85 -1.77 0.00
CHERRYST_13_KV_LD 356241	28.88 1.36 0.00	32.11 1.29 0.00	33.22 1.33 0.00	33.94 1.36 0.00	42.85 1.61 0.00	42.34 1.97 0.00	39.62 2.56 0.00	40.26 2.87 0.00	36.60 2.28 0.00	28.74 1.60 0.00	25.76 1.34 0.00	23.90 1.30 0.00	21.54 1.16 0.00	19.33 1.06 0.00	20.67 1.11 0.00	23.22 1.23 0.00	69.74 3.71 0.00	34.95 2.08 0.00	37.37 2.39 0.00	32.87 2.01 0.00	29.80 1.64 0.00	35.39 1.81 0.00	31.50 1.70 0.00	25.83 1.20 0.00

CHESTROR_138KV_BK263 355645	28.53 1.02 0.00	31.78 0.96 0.00	32.90 1.01 0.00	33.63 1.05 0.00	42.55 1.31 0.00	41.94 1.57 0.00	39.03 1.97 0.00	39.55 2.15 0.00	35.88 1.56 0.00	28.14 1.00 0.00	25.25 0.83 0.00	23.39 0.79 0.00	21.08 0.70 0.00	18.91 0.65 0.00	20.25 0.69 0.00	22.78 0.79 0.00	68.53 2.50 0.00	34.38 1.51 0.00	36.81 1.83 0.00	32.38 1.52 0.00	29.38 1.22 0.00	34.92 1.34 0.00	31.07 1.27 0.00	25.53 0.91 0.00
CH_MIDHUDSON___DRP 24192	28.80 1.28 0.00	32.04 1.22 0.00	33.18 1.29 0.00	33.92 1.34 0.00	42.94 1.70 0.00	42.33 1.96 0.00	39.37 2.31 0.00	39.90 2.51 0.00	36.21 1.89 0.00	28.37 1.23 0.00	25.38 0.96 0.00	23.48 0.88 0.00	21.17 0.79 0.00	19.00 0.74 0.00	20.36 0.81 0.00	22.92 0.92 0.00	69.04 3.01 0.00	34.69 1.82 0.00	37.16 2.18 0.00	32.69 1.82 0.00	29.66 1.51 0.00	35.26 1.69 0.00	31.33 1.53 0.00	25.73 1.10 0.00
CH_MISC_IPPS 23765	28.96 1.45 0.00	32.23 1.40 0.00	33.36 1.48 0.00	34.11 1.53 0.00	43.17 1.93 0.00	42.57 2.20 0.00	39.64 2.58 0.00	40.18 2.78 0.00	36.43 2.11 0.00	28.54 1.40 0.00	25.55 1.13 0.00	23.64 1.04 0.00	21.31 0.92 0.00	19.11 0.85 0.00	20.48 0.92 0.00	23.06 1.06 0.00	69.49 3.46 0.00	34.89 2.02 0.00	37.39 2.42 0.00	32.88 2.01 0.00	29.83 1.68 0.00	35.45 1.88 0.00	31.51 1.71 0.00	25.86 1.24 0.00
CH_RES_BVR_FALLS 23983	27.59 0.07 0.00	31.01 0.19 0.00	32.01 0.12 0.00	32.71 0.12 0.00	41.39 0.15 0.00	40.36 -0.02 0.00	36.70 -0.36 0.00	36.78 -0.62 0.00	33.97 -0.35 0.00	27.00 -0.14 0.00	24.29 -0.13 0.00	22.50 -0.10 0.00	20.34 -0.04 0.00	18.27 0.01 0.00	19.56 0.00 0.00	22.02 0.02 0.00	66.09 0.06 0.00	32.76 -0.10 0.00	34.63 -0.35 0.00	30.40 -0.46 0.00	27.69 -0.46 0.00	32.98 -0.60 0.00	29.23 -0.57 0.00	24.31 -0.32 0.00
CH_RES_NIAGARA 23895	25.00 -2.52 0.00	27.66 -3.16 0.00	28.62 -3.27 0.00	29.09 -3.49 0.00	36.75 -4.49 0.00	35.81 -4.56 0.00	32.42 -4.64 0.00	32.73 -4.67 0.00	29.83 -4.48 0.00	24.02 -3.11 0.00	21.82 -2.60 0.00	20.21 -2.39 0.00	18.08 -2.30 0.00	16.06 -2.20 0.00	17.20 -2.36 0.00	19.53 -2.46 0.00	58.15 -7.88 0.00	28.67 -4.20 0.00	30.36 -4.61 0.00	26.60 -4.26 0.00	24.22 -3.93 0.00	28.99 -4.59 0.00	25.88 -3.92 0.00	21.53 -3.09 0.00
CH_RES_SYRACUSE 23985	26.93 -0.58 0.00	30.11 -0.72 0.00	31.10 -0.78 0.00	31.79 -0.79 0.00	40.25 -0.99 0.00	39.46 -0.91 0.00	36.42 -0.64 0.00	36.74 -0.66 0.00	33.49 -0.83 0.00	26.52 -0.62 0.00	23.97 -0.45 0.00	22.15 -0.45 0.00	19.96 -0.42 0.00	17.86 -0.40 0.00	19.11 -0.45 0.00	21.48 -0.52 0.00	64.43 -1.60 0.00	32.18 -0.69 0.00	34.29 -0.69 0.00	30.17 -0.70 0.00	27.44 -0.71 0.00	32.72 -0.85 0.00	29.08 -0.72 0.00	24.06 -0.56 0.00
CLINTON_WT_PWR 323605	28.13 0.61 0.00	31.57 0.75 0.00	32.37 0.48 0.00	32.91 0.33 0.00	42.06 0.82 0.00	41.04 0.67 0.00	37.57 0.52 0.00	37.67 0.28 0.00	35.15 0.84 0.00	27.92 0.78 0.00	25.18 0.76 0.00	23.19 0.59 0.00	20.90 0.52 0.00	18.86 0.60 0.00	20.30 0.74 0.00	22.71 0.71 0.00	68.22 2.19 0.00	33.78 0.92 0.00	35.63 0.65 0.00	31.24 0.38 0.00	28.34 0.18 0.00	33.93 0.36 0.00	29.63 -0.17 0.00	24.87 0.24 0.00
CLINTON___LFGE 323618	28.58 1.06 0.00	32.04 1.22 0.00	32.87 0.98 0.00	33.42 0.83 0.00	42.72 1.48 0.00	41.72 1.35 0.00	38.23 1.17 0.00	38.25 0.85 0.00	35.70 1.38 0.00	28.38 1.24 0.00	25.56 1.14 0.00	23.53 0.93 0.00	21.23 0.85 0.00	19.14 0.88 0.00	20.61 1.06 0.00	23.06 1.07 0.00	69.34 3.32 0.00	34.39 1.52 0.00	36.32 1.34 0.00	31.82 0.96 0.00	28.86 0.70 0.00	34.53 0.95 0.00	30.11 0.31 0.00	25.29 0.67 0.00
COBBLENY_34_KV_TB1 80064	26.12 -1.40 0.00	28.97 -1.85 0.00	30.03 -1.86 0.00	30.58 -2.01 0.00	38.57 -2.67 0.00	37.69 -2.69 0.00	34.36 -2.71 0.00	34.75 -2.65 0.00	31.61 -2.71 0.00	25.40 -1.74 0.00	23.05 -1.37 0.00	21.35 -1.25 0.00	19.10 -1.28 0.00	17.02 -1.25 0.00	18.18 -1.38 0.00	20.59 -1.41 0.00	61.32 -4.71 0.00	30.24 -2.63 0.00	32.11 -2.87 0.00	28.08 -2.78 0.00	25.49 -2.66 0.00	30.54 -3.04 0.00	27.32 -2.48 0.00	22.64 -1.99 0.00
COFFEEN___115KV_TB3 355620	27.67 0.15 0.00	30.99 0.17 0.00	32.04 0.15 0.00	32.71 0.13 0.00	41.46 0.22 0.00	40.66 0.29 0.00	37.51 0.45 0.00	37.34 -0.06 0.00	33.70 -0.62 0.00	26.17 -0.96 0.00	23.63 -0.79 0.00	21.31 -1.28 0.00	19.26 -1.12 0.00	17.30 -0.96 0.00	18.36 -1.20 0.00	20.76 -1.23 0.00	63.15 -2.88 0.00	32.47 -0.40 0.00	34.65 -0.33 0.00	30.02 -0.84 0.00	26.95 -1.20 0.00	32.06 -1.52 0.00	28.42 -1.38 0.00	23.47 -1.15 0.00
COLDSPRG_115KV_BK1 355956	27.12 -0.40 0.00	30.14 -0.69 0.00	31.37 -0.52 0.00	31.98 -0.60 0.00	40.17 -1.07 0.00	39.44 -0.93 0.00	36.33 -0.73 0.00	36.68 -0.72 0.00	33.26 -1.06 0.00	26.74 -0.40 0.00	24.32 -0.10 0.00	22.49 -0.11 0.00	20.18 -0.20 0.00	17.99 -0.27 0.00	19.15 -0.41 0.00	21.51 -0.48 0.00	63.54 -2.49 0.00	31.28 -1.59 0.00	33.30 -1.68 0.00	29.06 -1.80 0.00	26.27 -1.89 0.00	31.57 -2.01 0.00	28.55 -1.25 0.00	23.79 -0.83 0.00
COLONIE_LFGE___ 323577	28.34 0.82 0.00	31.59 0.77 0.00	32.82 0.93 0.00	33.59 1.01 0.00	42.59 1.35 0.00	41.82 1.45 0.00	38.65 1.59 0.00	38.93 1.53 0.00	35.48 1.16 0.00	27.77 0.63 0.00	24.76 0.34 0.00	22.89 0.30 0.00	20.69 0.31 0.00	18.54 0.27 0.00	19.91 0.35 0.00	22.42 0.43 0.00	67.70 1.67 0.00	34.01 1.15 0.00	36.39 1.42 0.00	32.04 1.18 0.00	29.08 0.93 0.00	34.71 1.13 0.00	30.73 0.93 0.00	25.29 0.67 0.00
COOPERNY_115KV_TB1 80082	28.24 0.72 0.00	31.51 0.68 0.00	32.60 0.71 0.00	33.32 0.74 0.00	42.16 0.92 0.00	41.50 1.13 0.00	38.52 1.46 0.00	39.00 1.60 0.00	35.45 1.13 0.00	27.86 0.72 0.00	25.02 0.60 0.00	23.17 0.57 0.00	20.87 0.49 0.00	18.72 0.46 0.00	20.04 0.48 0.00	22.53 0.54 0.00	67.78 1.75 0.00	33.95 1.08 0.00	36.30 1.32 0.00	31.94 1.07 0.00	29.01 0.85 0.00	34.51 0.93 0.00	30.71 0.91 0.00	25.26 0.64 0.00
COPENHAGEN_WT_PWR 323753	27.40 -0.12 0.00	30.72 -0.10 0.00	31.79 -0.10 0.00	32.46 -0.12 0.00	41.13 -0.11 0.00	40.31 -0.06 0.00	37.09 0.04 0.00	36.83 -0.57 0.00	33.30 -1.02 0.00	26.02 -1.12 0.00	23.46 -0.96 0.00	21.20 -1.40 0.00	19.21 -1.17 0.00	17.27 -0.99 0.00	18.32 -1.24 0.00	20.73 -1.26 0.00	62.96 -3.07 0.00	32.21 -0.65 0.00	34.23 -0.75 0.00	29.50 -1.36 0.00	26.43 -1.72 0.00	31.44 -2.13 0.00	27.90 -1.90 0.00	23.06 -1.57 0.00
CORNELL_____ 23752	27.78 0.26 0.00	31.09 0.26 0.00	32.08 0.19 0.00	32.79 0.20 0.00	41.55 0.31 0.00	40.78 0.41 0.00	37.77 0.71 0.00	38.12 0.72 0.00	34.55 0.23 0.00	27.16 0.03 0.00	24.45 0.03 0.00	22.53 -0.07 0.00	20.26 -0.12 0.00	18.12 -0.14 0.00	19.41 -0.15 0.00	21.84 -0.15 0.00	65.92 -0.10 0.00	33.04 0.17 0.00	35.28 0.30 0.00	31.00 0.13 0.00	28.10 -0.05 0.00	33.52 -0.05 0.00	29.81 0.01 0.00	24.64 0.02 0.00

CORONA__69_KV_TB1 355595	29.28 1.76 0.00	32.51 1.69 0.00	33.55 1.66 0.00	34.28 1.70 0.00	43.18 1.93 0.00	42.61 2.24 0.00	39.78 2.72 0.00	40.49 3.09 0.00	36.80 2.48 0.00	28.86 1.73 0.00	25.97 1.55 0.00	24.07 1.47 0.00	21.66 1.28 0.00	19.46 1.19 0.00	20.85 1.29 0.00	23.50 1.51 0.00	70.41 4.38 0.00	35.19 2.32 0.00	37.86 2.88 0.00	33.30 2.43 0.00	30.23 2.07 0.00	35.91 2.33 0.00	31.90 2.10 0.00	26.17 1.55 0.00
CORTLAND__115KV_TB3 80093	27.53 0.01 0.00	30.77 -0.05 0.00	31.79 -0.10 0.00	32.48 -0.10 0.00	41.13 -0.11 0.00	40.37 0.00 0.00	37.35 0.29 0.00	37.70 0.30 0.00	34.17 -0.15 0.00	26.88 -0.26 0.00	24.21 -0.20 0.00	22.35 -0.25 0.00	20.12 -0.26 0.00	18.04 -0.23 0.00	19.34 -0.22 0.00	21.74 -0.25 0.00	65.47 -0.56 0.00	32.81 -0.05 0.00	35.02 0.04 0.00	30.76 -0.10 0.00	27.92 -0.23 0.00	33.32 -0.25 0.00	29.61 -0.18 0.00	24.46 -0.16 0.00
COXSACKIE__GT 23611	29.63 2.11 0.00	32.96 2.14 0.00	34.20 2.31 0.00	35.01 2.42 0.00	44.36 3.12 0.00	43.63 3.25 0.00	40.46 3.40 0.00	40.73 3.33 0.00	36.75 2.43 0.00	28.38 1.24 0.00	25.18 0.77 0.00	23.31 0.71 0.00	20.98 0.60 0.00	18.80 0.54 0.00	20.18 0.62 0.00	22.83 0.84 0.00	70.06 4.03 0.00	35.49 2.63 0.00	38.22 3.24 0.00	33.60 2.74 0.00	30.42 2.27 0.00	36.24 2.67 0.00	31.98 2.18 0.00	26.28 1.66 0.00
CPV_VALLEY__CC1 323721	28.30 0.78 0.00	31.53 0.71 0.00	32.63 0.74 0.00	33.36 0.77 0.00	42.20 0.95 0.00	41.58 1.21 0.00	38.67 1.61 0.00	39.18 1.78 0.00	35.57 1.26 0.00	27.93 0.79 0.00	25.08 0.66 0.00	23.23 0.63 0.00	20.94 0.56 0.00	18.78 0.52 0.00	20.12 0.56 0.00	22.62 0.63 0.00	68.00 1.97 0.00	34.09 1.22 0.00	36.48 1.50 0.00	32.09 1.23 0.00	29.12 0.97 0.00	34.62 1.04 0.00	30.80 1.01 0.00	25.33 0.71 0.00
CPV_VALLEY__CC2 323722	28.30 0.78 0.00	31.53 0.71 0.00	32.63 0.74 0.00	33.36 0.77 0.00	42.20 0.95 0.00	41.58 1.21 0.00	38.67 1.61 0.00	39.18 1.78 0.00	35.57 1.26 0.00	27.93 0.79 0.00	25.08 0.66 0.00	23.23 0.63 0.00	20.94 0.56 0.00	18.78 0.52 0.00	20.12 0.56 0.00	22.62 0.63 0.00	68.00 1.97 0.00	34.09 1.22 0.00	36.48 1.50 0.00	32.09 1.23 0.00	29.12 0.97 0.00	34.62 1.04 0.00	30.80 1.01 0.00	25.33 0.71 0.00
CRESCENT__HYD 24018	28.34 0.82 0.00	31.59 0.77 0.00	32.82 0.93 0.00	33.59 1.01 0.00	42.59 1.35 0.00	41.82 1.45 0.00	38.65 1.59 0.00	38.93 1.53 0.00	35.48 1.16 0.00	27.77 0.63 0.00	24.76 0.34 0.00	22.89 0.30 0.00	20.69 0.31 0.00	18.54 0.27 0.00	19.91 0.35 0.00	22.42 0.43 0.00	67.70 1.67 0.00	34.01 1.15 0.00	36.39 1.42 0.00	32.04 1.18 0.00	29.08 0.93 0.00	34.71 1.13 0.00	30.73 0.93 0.00	25.29 0.67 0.00
CRICKET__VALLEY_CC1 323756	28.63 1.11 0.00	31.81 0.99 0.00	32.99 1.10 0.00	33.74 1.16 0.00	42.76 1.52 0.00	42.12 1.75 0.00	39.13 2.06 0.00	39.59 2.19 0.00	35.92 1.60 0.00	28.12 0.99 0.00	25.08 0.67 0.00	23.20 0.60 0.00	20.94 0.56 0.00	18.80 0.54 0.00	20.17 0.61 0.00	22.69 0.70 0.00	68.37 2.34 0.00	34.44 1.57 0.00	36.95 1.97 0.00	32.47 1.61 0.00	29.46 1.31 0.00	35.03 1.46 0.00	31.11 1.31 0.00	25.55 0.93 0.00
CRICKET__VALLEY_CC2 323757	28.63 1.11 0.00	31.81 0.99 0.00	32.99 1.10 0.00	33.74 1.16 0.00	42.76 1.52 0.00	42.12 1.75 0.00	39.13 2.06 0.00	39.59 2.19 0.00	35.92 1.60 0.00	28.12 0.99 0.00	25.08 0.67 0.00	23.20 0.60 0.00	20.94 0.56 0.00	18.80 0.54 0.00	20.17 0.61 0.00	22.69 0.70 0.00	68.37 2.34 0.00	34.44 1.57 0.00	36.95 1.97 0.00	32.47 1.61 0.00	29.46 1.31 0.00	35.03 1.46 0.00	31.11 1.31 0.00	25.55 0.93 0.00
CRICKET__VALLEY_CC3 323758	28.63 1.11 0.00	31.81 0.99 0.00	32.99 1.10 0.00	33.74 1.16 0.00	42.76 1.52 0.00	42.12 1.75 0.00	39.13 2.06 0.00	39.59 2.19 0.00	35.92 1.60 0.00	28.12 0.99 0.00	25.08 0.67 0.00	23.20 0.60 0.00	20.94 0.56 0.00	18.80 0.54 0.00	20.17 0.61 0.00	22.69 0.70 0.00	68.37 2.34 0.00	34.44 1.57 0.00	36.95 1.97 0.00	32.47 1.61 0.00	29.46 1.31 0.00	35.03 1.46 0.00	31.11 1.31 0.00	25.55 0.93 0.00
CRUCIBLE_METL_DRP 24180	26.93 -0.59 0.00	30.11 -0.72 0.00	31.10 -0.79 0.00	31.79 -0.79 0.00	40.25 -0.99 0.00	39.46 -0.91 0.00	36.42 -0.64 0.00	36.74 -0.66 0.00	33.48 -0.84 0.00	26.52 -0.62 0.00	23.97 -0.45 0.00	22.15 -0.44 0.00	19.96 -0.42 0.00	17.86 -0.40 0.00	19.11 -0.45 0.00	21.48 -0.52 0.00	64.43 -1.60 0.00	32.18 -0.69 0.00	34.29 -0.68 0.00	30.16 -0.70 0.00	27.44 -0.71 0.00	32.72 -0.85 0.00	29.07 -0.72 0.00	24.06 -0.56 0.00
DAHOWA__HYDRO 323763	28.71 1.19 0.00	32.00 1.18 0.00	33.26 1.37 0.00	34.11 1.53 0.00	43.28 2.03 0.00	42.51 2.14 0.00	39.32 2.26 0.00	39.50 2.10 0.00	35.99 1.67 0.00	28.11 0.97 0.00	24.91 0.48 0.00	22.99 0.39 0.00	20.77 0.39 0.00	18.57 0.31 0.00	19.96 0.40 0.00	22.57 0.58 0.00	68.64 2.61 0.00	34.53 1.66 0.00	36.97 1.99 0.00	32.55 1.69 0.00	29.48 1.32 0.00	35.06 1.48 0.00	31.00 1.20 0.00	25.51 0.89 0.00
DANC__LFGE 323619	27.04 -0.47 0.00	30.28 -0.55 0.00	31.32 -0.57 0.00	31.99 -0.59 0.00	40.51 -0.73 0.00	39.69 -0.68 0.00	36.55 -0.51 0.00	36.55 -0.85 0.00	33.14 -1.18 0.00	26.02 -1.12 0.00	23.49 -0.93 0.00	21.39 -1.21 0.00	19.33 -1.04 0.00	17.36 -0.90 0.00	18.46 -1.10 0.00	20.82 -1.18 0.00	62.95 -3.08 0.00	31.99 -0.88 0.00	34.04 -0.94 0.00	29.55 -1.31 0.00	26.62 -1.53 0.00	31.71 -1.87 0.00	28.18 -1.62 0.00	23.28 -1.34 0.00
DANSKAMMER__1 23586	28.96 1.45 0.00	32.23 1.40 0.00	33.36 1.48 0.00	34.11 1.53 0.00	43.17 1.93 0.00	42.57 2.20 0.00	39.64 2.58 0.00	40.18 2.78 0.00	36.43 2.11 0.00	28.54 1.40 0.00	25.55 1.13 0.00	23.64 1.04 0.00	21.31 0.92 0.00	19.11 0.85 0.00	20.48 0.92 0.00	23.06 1.06 0.00	69.49 3.46 0.00	34.89 2.02 0.00	37.39 2.42 0.00	32.88 2.01 0.00	29.83 1.68 0.00	35.45 1.88 0.00	31.51 1.71 0.00	25.86 1.24 0.00
DANSKAMMER__2 23589	28.96 1.45 0.00	32.23 1.40 0.00	33.36 1.48 0.00	34.11 1.53 0.00	43.17 1.93 0.00	42.57 2.20 0.00	39.64 2.58 0.00	40.18 2.78 0.00	36.43 2.11 0.00	28.54 1.40 0.00	25.55 1.13 0.00	23.64 1.04 0.00	21.31 0.92 0.00	19.11 0.85 0.00	20.48 0.92 0.00	23.06 1.06 0.00	69.49 3.46 0.00	34.89 2.02 0.00	37.39 2.42 0.00	32.88 2.01 0.00	29.83 1.68 0.00	35.45 1.88 0.00	31.51 1.71 0.00	25.86 1.24 0.00
DANSKAMMER__3 23590	28.96 1.45 0.00	32.23 1.40 0.00	33.36 1.48 0.00	34.11 1.53 0.00	43.17 1.93 0.00	42.57 2.20 0.00	39.64 2.58 0.00	40.18 2.78 0.00	36.43 2.11 0.00	28.54 1.40 0.00	25.55 1.13 0.00	23.64 1.04 0.00	21.31 0.92 0.00	19.11 0.85 0.00	20.48 0.92 0.00	23.06 1.06 0.00	69.49 3.46 0.00	34.89 2.02 0.00	37.39 2.42 0.00	32.88 2.01 0.00	29.83 1.68 0.00	35.45 1.88 0.00	31.51 1.71 0.00	25.86 1.24 0.00

DANSKAMMER___4 23591	28.96 1.45 0.00	32.23 1.40 0.00	33.36 1.48 0.00	34.11 1.53 0.00	43.17 1.93 0.00	42.57 2.20 0.00	39.64 2.58 0.00	40.18 2.78 0.00	36.43 2.11 0.00	28.54 1.40 0.00	25.55 1.13 0.00	23.64 1.04 0.00	21.31 0.92 0.00	19.11 0.85 0.00	20.48 0.92 0.00	23.06 1.06 0.00	69.49 3.46 0.00	34.89 2.02 0.00	37.39 2.42 0.00	32.88 2.01 0.00	29.83 1.68 0.00	35.45 1.88 0.00	31.51 1.71 0.00	25.86 1.24 0.00
DANSKAMMER___DIESEL 23592	28.96 1.45 0.00	32.22 1.40 0.00	33.36 1.48 0.00	34.11 1.53 0.00	43.17 1.93 0.00	42.57 2.20 0.00	39.64 2.58 0.00	40.18 2.78 0.00	36.43 2.11 0.00	28.54 1.40 0.00	25.55 1.13 0.00	23.64 1.04 0.00	21.30 0.92 0.00	19.11 0.85 0.00	20.48 0.92 0.00	23.06 1.06 0.00	69.49 3.47 0.00	34.89 2.02 0.00	37.39 2.41 0.00	32.88 2.01 0.00	29.83 1.68 0.00	35.45 1.88 0.00	31.51 1.71 0.00	25.87 1.25 0.00
DARBY___SOLAR 323810	28.65 1.14 0.00	31.95 1.12 0.00	33.19 1.30 0.00	34.03 1.45 0.00	43.17 1.93 0.00	42.40 2.03 0.00	39.18 2.12 0.00	39.39 1.99 0.00	35.89 1.57 0.00	28.05 0.91 0.00	24.87 0.45 0.00	22.96 0.36 0.00	20.75 0.37 0.00	18.56 0.30 0.00	19.95 0.39 0.00	22.55 0.56 0.00	68.49 2.46 0.00	34.45 1.59 0.00	36.88 1.90 0.00	32.46 1.60 0.00	29.41 1.25 0.00	35.00 1.43 0.00	30.96 1.16 0.00	25.49 0.87 0.00
DASHVILLE___HYD 23610	28.60 1.09 0.00	31.83 1.00 0.00	32.93 1.04 0.00	33.67 1.08 0.00	42.61 1.37 0.00	42.04 1.67 0.00	39.14 2.08 0.00	39.74 2.34 0.00	36.05 1.73 0.00	28.29 1.15 0.00	25.35 0.93 0.00	23.45 0.85 0.00	21.12 0.74 0.00	18.96 0.70 0.00	20.31 0.75 0.00	22.84 0.84 0.00	68.70 2.67 0.00	34.49 1.62 0.00	36.95 1.97 0.00	32.50 1.64 0.00	29.49 1.34 0.00	35.02 1.45 0.00	31.16 1.37 0.00	25.59 0.96 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	29.17 1.65 0.00	32.26 1.44 0.00	33.21 1.33 0.00	33.97 1.39 0.00	42.71 1.47 0.00	42.23 1.86 0.00	39.67 2.60 0.00	40.74 3.34 0.00	36.75 2.43 0.00	28.62 1.48 0.00	26.13 1.71 0.00	24.23 1.63 0.00	21.66 1.27 0.00	19.46 1.20 0.00	20.88 1.32 0.00	23.59 1.60 0.00	71.03 5.00 0.00	35.73 2.86 0.00	38.37 3.39 0.00	33.88 3.02 0.00	30.71 2.55 0.00	36.28 2.70 0.00	32.09 2.29 0.00	26.41 1.78 0.00
DELAWARE___LFGE 323621	28.24 0.72 0.00	31.58 0.76 0.00	32.65 0.76 0.00	33.38 0.80 0.00	42.27 1.04 0.00	41.51 1.14 0.00	38.41 1.35 0.00	38.78 1.38 0.00	35.34 1.02 0.00	27.86 0.73 0.00	25.03 0.61 0.00	23.13 0.53 0.00	20.83 0.45 0.00	18.65 0.39 0.00	19.96 0.40 0.00	22.43 0.43 0.00	67.52 1.49 0.00	33.76 0.89 0.00	36.01 1.03 0.00	31.67 0.81 0.00	28.76 0.61 0.00	34.27 0.69 0.00	30.49 0.69 0.00	25.15 0.53 0.00
DERFIELD_115KV_TB7 355931	27.65 0.13 0.00	30.92 0.10 0.00	32.02 0.13 0.00	32.72 0.13 0.00	41.42 0.18 0.00	40.63 0.26 0.00	37.39 0.33 0.00	37.70 0.30 0.00	34.49 0.17 0.00	27.20 0.06 0.00	24.44 0.02 0.00	22.62 0.02 0.00	20.40 0.02 0.00	18.29 0.03 0.00	19.59 0.03 0.00	22.02 0.03 0.00	66.19 0.16 0.00	33.05 0.19 0.00	35.26 0.28 0.00	31.04 0.18 0.00	28.26 0.10 0.00	33.68 0.11 0.00	29.89 0.09 0.00	24.68 0.06 0.00
DOGLEVILLE___HYD 23807	27.67 0.15 0.00	30.91 0.09 0.00	32.09 0.20 0.00	32.87 0.29 0.00	41.66 0.42 0.00	41.16 0.78 0.00	38.28 1.22 0.00	38.61 1.21 0.00	34.89 0.57 0.00	27.13 0.00 0.00	24.16 -0.26 0.00	22.39 -0.21 0.00	20.16 -0.22 0.00	18.06 -0.20 0.00	19.37 -0.19 0.00	21.81 -0.18 0.00	66.44 0.41 0.00	33.54 0.67 0.00	36.09 1.11 0.00	31.68 0.81 0.00	28.53 0.37 0.00	34.04 0.47 0.00	30.17 0.37 0.00	24.77 0.15 0.00
DUNKIRK___115KV_TB_200 55889	25.98 -1.54 0.00	28.81 -2.01 0.00	29.95 -1.94 0.00	30.62 -1.97 0.00	38.62 -2.62 0.00	37.94 -2.44 0.00	34.80 -2.26 0.00	35.04 -2.36 0.00	31.78 -2.54 0.00	25.51 -1.62 0.00	23.18 -1.24 0.00	21.41 -1.19 0.00	19.22 -1.16 0.00	17.14 -1.12 0.00	18.32 -1.24 0.00	20.58 -1.42 0.00	60.91 -5.12 0.00	30.04 -2.83 0.00	32.05 -2.93 0.00	27.96 -2.90 0.00	25.30 -2.85 0.00	30.37 -3.21 0.00	27.34 -2.46 0.00	22.82 -1.81 0.00
DUNKIRK___1 23563	25.98 -1.54 0.00	28.81 -2.01 0.00	29.95 -1.94 0.00	30.62 -1.97 0.00	38.62 -2.62 0.00	37.94 -2.44 0.00	34.80 -2.26 0.00	35.04 -2.36 0.00	31.78 -2.54 0.00	25.51 -1.62 0.00	23.18 -1.24 0.00	21.41 -1.19 0.00	19.22 -1.16 0.00	17.14 -1.12 0.00	18.32 -1.24 0.00	20.58 -1.42 0.00	60.91 -5.12 0.00	30.04 -2.83 0.00	32.05 -2.93 0.00	27.96 -2.90 0.00	25.30 -2.85 0.00	30.37 -3.21 0.00	27.34 -2.46 0.00	22.82 -1.81 0.00
DUNKIRK___2 23564	25.98 -1.54 0.00	28.81 -2.01 0.00	29.95 -1.94 0.00	30.62 -1.97 0.00	38.62 -2.62 0.00	37.94 -2.44 0.00	34.80 -2.26 0.00	35.04 -2.36 0.00	31.78 -2.54 0.00	25.51 -1.62 0.00	23.18 -1.24 0.00	21.41 -1.19 0.00	19.22 -1.16 0.00	17.14 -1.12 0.00	18.32 -1.24 0.00	20.58 -1.42 0.00	60.91 -5.12 0.00	30.04 -2.83 0.00	32.05 -2.93 0.00	27.96 -2.90 0.00	25.30 -2.85 0.00	30.37 -3.21 0.00	27.34 -2.46 0.00	22.82 -1.81 0.00
DUNKIRK___3 23565	25.97 -1.55 0.00	28.82 -2.00 0.00	29.93 -1.96 0.00	30.54 -2.04 0.00	38.51 -2.73 0.00	37.76 -2.61 0.00	34.58 -2.48 0.00	34.89 -2.51 0.00	31.65 -2.67 0.00	25.41 -1.73 0.00	23.10 -1.32 0.00	21.35 -1.25 0.00	19.15 -1.23 0.00	17.07 -1.19 0.00	18.25 -1.31 0.00	20.53 -1.46 0.00	60.95 -5.08 0.00	30.05 -2.82 0.00	32.01 -2.97 0.00	27.97 -2.89 0.00	25.32 -2.83 0.00	30.40 -3.18 0.00	27.32 -2.48 0.00	22.74 -1.88 0.00
DUNKIRK___4 23566	25.97 -1.55 0.00	28.82 -2.00 0.00	29.93 -1.96 0.00	30.54 -2.04 0.00	38.51 -2.73 0.00	37.76 -2.61 0.00	34.58 -2.48 0.00	34.89 -2.51 0.00	31.65 -2.67 0.00	25.41 -1.73 0.00	23.10 -1.32 0.00	21.35 -1.25 0.00	19.15 -1.23 0.00	17.07 -1.19 0.00	18.25 -1.31 0.00	20.53 -1.46 0.00	60.95 -5.08 0.00	30.05 -2.82 0.00	32.01 -2.97 0.00	27.97 -2.89 0.00	25.32 -2.83 0.00	30.40 -3.18 0.00	27.32 -2.48 0.00	22.74 -1.88 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.81 1.30 0.00	32.04 1.22 0.00	33.15 1.26 0.00	33.88 1.30 0.00	42.82 1.58 0.00	42.27 1.89 0.00	39.45 2.38 0.00	40.07 2.68 0.00	36.38 2.06 0.00	28.54 1.41 0.00	25.60 1.18 0.00	23.73 1.13 0.00	21.39 1.01 0.00	19.20 0.94 0.00	20.55 0.99 0.00	23.10 1.11 0.00	69.44 3.41 0.00	34.82 1.95 0.00	37.27 2.29 0.00	32.79 1.93 0.00	29.74 1.58 0.00	35.33 1.76 0.00	31.44 1.64 0.00	25.80 1.18 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.77 1.25 0.00	32.02 1.21 0.00	33.15 1.26 0.00	33.88 1.30 0.00	42.87 1.63 0.00	42.28 1.91 0.00	39.37 2.31 0.00	39.91 2.52 0.00	36.18 1.86 0.00	28.35 1.21 0.00	25.41 0.99 0.00	23.52 0.92 0.00	21.18 0.80 0.00	19.01 0.74 0.00	20.35 0.80 0.00	22.91 0.92 0.00	68.93 2.90 0.00	34.60 1.74 0.00	37.06 2.08 0.00	32.60 1.73 0.00	29.58 1.43 0.00	35.15 1.58 0.00	31.27 1.47 0.00	25.69 1.06 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	28.84 1.33 0.00	32.05 1.23 0.00	33.16 1.27 0.00	33.88 1.30 0.00	42.78 1.53 0.00	42.28 1.91 0.00	39.52 2.46 0.00	40.07 2.67 0.00	36.43 2.11 0.00	28.55 1.42 0.00	25.59 1.17 0.00	23.73 1.13 0.00	21.40 1.02 0.00	19.22 0.96 0.00	20.50 0.94 0.00	23.07 1.08 0.00	69.19 3.16 0.00	34.68 1.81 0.00	37.13 2.15 0.00	32.66 1.80 0.00	29.70 1.54 0.00	35.24 1.67 0.00	31.36 1.56 0.00	25.73 1.10 0.00
E179THST_13_KV_LOAD 356214	28.95 1.44 0.00	32.17 1.35 0.00	33.29 1.40 0.00	34.01 1.43 0.00	42.91 1.67 0.00	42.44 2.07 0.00	39.67 2.61 0.00	40.24 2.85 0.00	36.58 2.26 0.00	28.69 1.55 0.00	25.71 1.29 0.00	23.85 1.25 0.00	21.50 1.12 0.00	19.31 1.05 0.00	20.59 1.04 0.00	23.18 1.19 0.00	69.52 3.49 0.00	34.84 1.98 0.00	37.30 2.33 0.00	32.82 1.96 0.00	29.84 1.68 0.00	35.40 1.83 0.00	31.50 1.70 0.00	25.84 1.22 0.00
EAST HAMPTON___GT 23717	29.19 1.67 0.00	32.23 1.41 0.00	33.19 1.31 0.00	33.95 1.37 0.00	42.70 1.46 0.00	42.26 1.89 0.00	39.85 2.79 0.00	41.19 3.80 0.00	37.14 2.82 0.00	28.89 1.75 0.00	26.37 1.95 0.00	24.42 1.82 0.00	21.74 1.35 0.00	19.50 1.24 0.00	20.95 1.39 0.00	23.68 1.69 0.00	71.12 5.09 0.00	35.75 2.89 0.00	38.41 3.43 0.00	33.95 3.09 0.00	30.79 2.63 0.00	36.40 2.82 0.00	32.27 2.47 0.00	26.58 1.95 0.00
EAST RIVER___6 23660	28.78 1.27 0.00	32.00 1.18 0.00	33.09 1.20 0.00	33.83 1.25 0.00	42.71 1.47 0.00	42.20 1.83 0.00	39.49 2.43 0.00	40.14 2.74 0.00	36.46 2.14 0.00	28.64 1.50 0.00	25.68 1.26 0.00	23.82 1.22 0.00	21.47 1.09 0.00	19.27 1.00 0.00	20.60 1.05 0.00	23.15 1.15 0.00	69.51 3.48 0.00	34.84 1.97 0.00	37.24 2.26 0.00	32.75 1.88 0.00	29.70 1.54 0.00	35.26 1.68 0.00	31.40 1.60 0.00	25.74 1.11 0.00
EAST RIVER___7 23524	28.78 1.27 0.00	32.00 1.18 0.00	33.09 1.20 0.00	33.83 1.25 0.00	42.71 1.47 0.00	42.20 1.83 0.00	39.49 2.43 0.00	40.14 2.74 0.00	36.46 2.14 0.00	28.64 1.50 0.00	25.68 1.26 0.00	23.82 1.22 0.00	21.47 1.09 0.00	19.27 1.00 0.00	20.60 1.05 0.00	23.15 1.15 0.00	69.51 3.48 0.00	34.84 1.97 0.00	37.24 2.26 0.00	32.75 1.88 0.00	29.70 1.54 0.00	35.26 1.68 0.00	31.40 1.60 0.00	25.74 1.11 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.77 1.25 0.00	32.01 1.18 0.00	33.12 1.23 0.00	33.86 1.27 0.00	42.79 1.54 0.00	42.22 1.85 0.00	39.40 2.33 0.00	40.00 2.60 0.00	36.31 1.99 0.00	28.49 1.35 0.00	25.55 1.13 0.00	23.68 1.08 0.00	21.34 0.96 0.00	19.15 0.89 0.00	20.50 0.95 0.00	23.05 1.06 0.00	69.30 3.27 0.00	34.75 1.89 0.00	37.22 2.24 0.00	32.73 1.87 0.00	29.69 1.53 0.00	35.26 1.69 0.00	31.38 1.58 0.00	25.76 1.14 0.00
EAST_HAMPTON___DIESEL 23722	29.15 1.64 0.00	32.19 1.36 0.00	33.15 1.26 0.00	33.92 1.33 0.00	42.65 1.40 0.00	42.21 1.83 0.00	39.81 2.75 0.00	41.19 3.79 0.00	37.14 2.82 0.00	28.89 1.75 0.00	26.37 1.95 0.00	24.41 1.81 0.00	21.72 1.34 0.00	19.49 1.22 0.00	20.93 1.38 0.00	23.67 1.68 0.00	71.03 5.00 0.00	35.70 2.83 0.00	38.35 3.37 0.00	33.91 3.05 0.00	30.76 2.60 0.00	36.36 2.79 0.00	32.24 2.44 0.00	26.56 1.94 0.00
EAST_PULASKI___ESR 323781	26.74 -0.77 0.00	29.90 -0.92 0.00	30.92 -0.97 0.00	31.58 -1.00 0.00	39.99 -1.25 0.00	39.18 -1.19 0.00	36.13 -0.93 0.00	36.51 -0.89 0.00	33.17 -1.15 0.00	26.12 -1.02 0.00	23.59 -0.83 0.00	21.60 -1.00 0.00	19.49 -0.89 0.00	17.47 -0.79 0.00	18.62 -0.94 0.00	20.94 -1.06 0.00	63.16 -2.88 0.00	31.93 -0.94 0.00	33.99 -0.99 0.00	29.69 -1.17 0.00	26.88 -1.28 0.00	32.04 -1.54 0.00	28.49 -1.31 0.00	23.54 -1.08 0.00
EAST_RIVER___1 323558	28.81 1.30 0.00	32.04 1.22 0.00	33.14 1.25 0.00	33.87 1.29 0.00	42.76 1.52 0.00	42.25 1.87 0.00	39.52 2.46 0.00	40.15 2.75 0.00	36.49 2.18 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.26 1.00 0.00	20.60 1.04 0.00	23.14 1.15 0.00	69.50 3.47 0.00	34.83 1.96 0.00	37.26 2.28 0.00	32.78 1.92 0.00	29.72 1.57 0.00	35.31 1.74 0.00	31.43 1.63 0.00	25.77 1.15 0.00
EAST_RIVER___2 323559	28.78 1.27 0.00	32.00 1.18 0.00	33.09 1.20 0.00	33.83 1.25 0.00	42.71 1.47 0.00	42.20 1.83 0.00	39.49 2.43 0.00	40.14 2.74 0.00	36.46 2.14 0.00	28.64 1.50 0.00	25.68 1.26 0.00	23.82 1.22 0.00	21.47 1.09 0.00	19.27 1.00 0.00	20.60 1.05 0.00	23.15 1.15 0.00	69.51 3.48 0.00	34.84 1.97 0.00	37.24 2.26 0.00	32.75 1.88 0.00	29.70 1.54 0.00	35.26 1.68 0.00	31.40 1.60 0.00	25.74 1.11 0.00
EAST___DELAWARE_HYD 23607	28.55 1.03 0.00	32.18 1.36 0.00	33.38 1.49 0.00	34.14 1.56 0.00	43.24 2.00 0.00	42.69 2.32 0.00	39.74 2.68 0.00	40.24 2.84 0.00	36.31 1.99 0.00	28.40 1.26 0.00	25.52 1.10 0.00	23.41 0.81 0.00	20.60 0.22 0.00	18.35 0.08 0.00	19.52 -0.04 0.00	22.00 0.01 0.00	66.57 0.55 0.00	33.61 0.74 0.00	36.02 1.04 0.00	31.77 0.91 0.00	29.46 1.31 0.00	34.99 1.42 0.00	31.10 1.30 0.00	25.54 0.91 0.00
EIGHT_POINT___WT_PWR 323820	26.34 -1.18 0.00	30.50 -0.32 0.00	31.28 -0.61 0.00	31.78 -0.80 0.00	40.77 -0.48 0.00	39.22 -1.15 0.00	36.40 -0.66 0.00	36.89 -0.51 0.00	33.65 -0.67 0.00	26.73 -0.40 0.00	24.06 -0.37 0.00	22.16 -0.44 0.00	19.94 -0.44 0.00	17.86 -0.40 0.00	18.89 -0.67 0.00	21.03 -0.97 0.00	62.43 -3.60 0.00	31.13 -1.74 0.00	33.34 -1.64 0.00	29.09 -1.77 0.00	26.09 -2.07 0.00	31.38 -2.20 0.00	28.33 -1.47 0.00	23.72 -0.90 0.00
ELBRIDGE_115KV_TB2 80188	26.79 -0.73 0.00	29.98 -0.84 0.00	30.94 -0.95 0.00	31.62 -0.96 0.00	40.05 -1.19 0.00	39.26 -1.11 0.00	36.22 -0.84 0.00	36.56 -0.84 0.00	33.34 -0.98 0.00	26.38 -0.76 0.00	23.85 -0.57 0.00	22.04 -0.56 0.00	19.86 -0.52 0.00	17.76 -0.51 0.00	19.02 -0.54 0.00	21.36 -0.63 0.00	64.07 -1.96 0.00	31.98 -0.89 0.00	34.09 -0.89 0.00	29.99 -0.87 0.00	27.29 -0.86 0.00	32.52 -1.05 0.00	28.90 -0.90 0.00	23.94 -0.68 0.00
ELEC_TRO_TEK 24086	29.12 1.60 0.00	32.34 1.52 0.00	33.38 1.49 0.00	34.10 1.52 0.00	42.98 1.74 0.00	42.47 2.10 0.00	39.70 2.64 0.00	40.35 2.95 0.00	36.63 2.31 0.00	28.73 1.59 0.00	25.85 1.43 0.00	23.96 1.36 0.00	21.57 1.18 0.00	19.37 1.11 0.00	20.75 1.19 0.00	23.39 1.40 0.00	70.14 4.11 0.00	35.05 2.18 0.00	37.69 2.71 0.00	33.13 2.27 0.00	30.06 1.91 0.00	35.70 2.13 0.00	31.73 1.93 0.00	26.03 1.41 0.00
ELLENBURG_WT_PWR 323604	28.13 0.61 0.00	31.57 0.75 0.00	32.37 0.48 0.00	32.91 0.33 0.00	42.06 0.82 0.00	41.04 0.67 0.00	37.57 0.52 0.00	37.67 0.28 0.00	35.15 0.84 0.00	27.92 0.78 0.00	25.18 0.76 0.00	23.19 0.59 0.00	20.90 0.52 0.00	18.86 0.60 0.00	20.30 0.74 0.00	22.71 0.71 0.00	68.22 2.19 0.00	33.78 0.92 0.00	35.63 0.65 0.00	31.24 0.38 0.00	28.34 0.18 0.00	33.93 0.36 0.00	29.63 -0.17 0.00	24.87 0.24 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	25.77 -1.75 0.00	28.58 -2.25 0.00	29.62 -2.27 0.00	30.15 -2.43 0.00	38.06 -3.18 0.00	37.16 -3.21 0.00	33.81 -3.25 0.00	34.19 -3.21 0.00	31.13 -3.19 0.00	25.03 -2.11 0.00	22.73 -1.69 0.00	21.05 -1.55 0.00	18.85 -1.53 0.00	16.77 -1.49 0.00	17.94 -1.62 0.00	20.32 -1.68 0.00	60.47 -5.56 0.00	29.80 -3.06 0.00	31.63 -3.35 0.00	27.67 -3.19 0.00	25.14 -3.02 0.00	30.10 -3.47 0.00	26.93 -2.87 0.00	22.34 -2.28 0.00
EMPIRE_CC_1 323656	28.07 0.55 0.00	31.29 0.47 0.00	32.51 0.62 0.00	33.25 0.66 0.00	42.06 0.82 0.00	41.25 0.88 0.00	38.13 1.07 0.00	38.44 1.05 0.00	35.04 0.72 0.00	27.49 0.35 0.00	24.51 0.09 0.00	22.68 0.08 0.00	20.54 0.16 0.00	18.41 0.15 0.00	19.77 0.22 0.00	22.21 0.21 0.00	66.73 0.70 0.00	33.56 0.69 0.00	35.87 0.89 0.00	31.59 0.73 0.00	28.71 0.56 0.00	34.30 0.72 0.00	30.36 0.57 0.00	24.98 0.36 0.00
EMPIRE_CC_2 323658	28.07 0.55 0.00	31.29 0.47 0.00	32.51 0.62 0.00	33.25 0.66 0.00	42.06 0.82 0.00	41.25 0.88 0.00	38.13 1.07 0.00	38.44 1.05 0.00	35.04 0.72 0.00	27.49 0.35 0.00	24.51 0.09 0.00	22.68 0.08 0.00	20.54 0.16 0.00	18.41 0.15 0.00	19.77 0.22 0.00	22.21 0.21 0.00	66.73 0.70 0.00	33.56 0.69 0.00	35.87 0.89 0.00	31.59 0.73 0.00	28.71 0.56 0.00	34.30 0.72 0.00	30.36 0.57 0.00	24.98 0.36 0.00
ENORWICH_115KV_TB1 80156	29.38 1.87 0.00	33.20 2.38 0.00	34.09 2.20 0.00	34.95 2.36 0.00	44.42 3.18 0.00	43.69 3.32 0.00	40.67 3.61 0.00	40.83 3.43 0.00	36.76 2.45 0.00	28.76 1.62 0.00	25.82 1.40 0.00	23.64 1.04 0.00	21.19 0.81 0.00	18.91 0.65 0.00	20.22 0.67 0.00	22.77 0.78 0.00	69.80 3.77 0.00	34.93 2.06 0.00	37.15 2.17 0.00	32.30 1.44 0.00	29.10 0.95 0.00	34.70 1.13 0.00	30.95 1.16 0.00	25.69 1.07 0.00
ERIE_ST__34_KV_TB1-2 80199	26.50 -1.02 0.00	29.38 -1.45 0.00	30.43 -1.46 0.00	30.98 -1.61 0.00	39.01 -2.23 0.00	38.11 -2.26 0.00	34.78 -2.28 0.00	35.24 -2.16 0.00	32.04 -2.27 0.00	25.73 -1.40 0.00	23.37 -1.05 0.00	21.65 -0.95 0.00	19.38 -1.00 0.00	17.26 -1.01 0.00	18.44 -1.12 0.00	20.89 -1.11 0.00	62.25 -3.78 0.00	30.67 -2.19 0.00	32.57 -2.41 0.00	28.49 -2.37 0.00	25.87 -2.28 0.00	31.00 -2.58 0.00	27.74 -2.06 0.00	22.98 -1.64 0.00
ERIE_WT_PWR 323693	25.96 -1.55 0.00	28.83 -2.00 0.00	29.88 -2.01 0.00	30.41 -2.17 0.00	38.36 -2.89 0.00	37.45 -2.92 0.00	34.10 -2.97 0.00	34.49 -2.91 0.00	31.41 -2.91 0.00	25.25 -1.89 0.00	22.92 -1.50 0.00	21.23 -1.37 0.00	19.01 -1.37 0.00	16.93 -1.34 0.00	18.09 -1.46 0.00	20.49 -1.51 0.00	61.03 -5.00 0.00	30.07 -2.79 0.00	31.89 -3.09 0.00	27.91 -2.95 0.00	25.33 -2.82 0.00	30.35 -3.22 0.00	27.16 -2.64 0.00	22.52 -2.11 0.00
ESPRGFLD_115KV_TB1 80157	28.85 1.33 0.00	32.35 1.53 0.00	33.35 1.46 0.00	34.05 1.47 0.00	43.08 1.84 0.00	42.24 1.87 0.00	38.91 1.85 0.00	39.31 1.91 0.00	36.00 1.68 0.00	28.39 1.26 0.00	25.51 1.09 0.00	23.52 0.92 0.00	21.18 0.80 0.00	18.95 0.68 0.00	20.22 0.67 0.00	22.70 0.71 0.00	68.24 2.21 0.00	34.13 1.26 0.00	36.27 1.29 0.00	31.91 1.05 0.00	28.99 0.83 0.00	34.55 0.98 0.00	30.78 0.98 0.00	25.48 0.86 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.73 0.21 0.00	31.04 0.22 0.00	32.03 0.14 0.00	32.73 0.15 0.00	41.48 0.24 0.00	40.73 0.35 0.00	37.70 0.64 0.00	38.05 0.65 0.00	34.48 0.16 0.00	27.13 -0.01 0.00	24.42 0.00 0.00	22.51 -0.09 0.00	20.23 -0.15 0.00	18.10 -0.16 0.00	19.39 -0.17 0.00	21.82 -0.18 0.00	65.85 -0.18 0.00	33.00 0.13 0.00	35.24 0.26 0.00	30.94 0.08 0.00	28.07 -0.09 0.00	33.48 -0.10 0.00	29.77 -0.03 0.00	24.61 -0.01 0.00
ETNA____115KV_TB2 80207	27.73 0.21 0.00	31.04 0.22 0.00	32.03 0.14 0.00	32.73 0.15 0.00	41.48 0.24 0.00	40.73 0.35 0.00	37.70 0.64 0.00	38.05 0.65 0.00	34.48 0.16 0.00	27.13 -0.01 0.00	24.42 0.00 0.00	22.51 -0.09 0.00	20.23 -0.15 0.00	18.10 -0.16 0.00	19.39 -0.17 0.00	21.82 -0.18 0.00	65.85 -0.18 0.00	33.00 0.13 0.00	35.24 0.26 0.00	30.94 0.08 0.00	28.07 -0.09 0.00	33.48 -0.10 0.00	29.77 -0.03 0.00	24.61 -0.01 0.00
EUCLID__115KV_TB2 356179	26.57 -0.95 0.00	29.68 -1.14 0.00	30.69 -1.20 0.00	31.36 -1.23 0.00	39.68 -1.56 0.00	38.89 -1.49 0.00	35.84 -1.22 0.00	36.17 -1.22 0.00	33.02 -1.30 0.00	26.17 -0.97 0.00	23.67 -0.75 0.00	21.87 -0.73 0.00	19.71 -0.67 0.00	17.65 -0.61 0.00	18.88 -0.68 0.00	21.19 -0.80 0.00	63.51 -2.52 0.00	31.73 -1.13 0.00	33.81 -1.17 0.00	29.73 -1.13 0.00	27.05 -1.10 0.00	32.28 -1.30 0.00	28.69 -1.11 0.00	23.74 -0.88 0.00
E_CANADA_CAP_HY 24051	29.07 1.55 0.00	32.58 1.76 0.00	33.53 1.64 0.00	34.25 1.67 0.00	43.32 2.07 0.00	42.44 2.06 0.00	39.00 1.93 0.00	39.40 2.00 0.00	36.21 1.89 0.00	28.45 1.32 0.00	25.51 1.09 0.00	23.49 0.89 0.00	21.19 0.81 0.00	18.96 0.70 0.00	20.25 0.69 0.00	22.74 0.75 0.00	68.43 2.41 0.00	34.32 1.46 0.00	36.51 1.53 0.00	32.18 1.31 0.00	29.27 1.12 0.00	34.92 1.35 0.00	31.07 1.27 0.00	25.72 1.09 0.00
E_CANADA_MHWK_HY 24050	27.67 0.15 0.00	30.91 0.09 0.00	32.09 0.20 0.00	32.87 0.29 0.00	41.66 0.42 0.00	41.16 0.78 0.00	38.28 1.22 0.00	38.61 1.21 0.00	34.89 0.57 0.00	27.13 0.00 0.00	24.16 -0.26 0.00	22.39 -0.21 0.00	20.16 -0.22 0.00	18.06 -0.20 0.00	19.37 -0.19 0.00	21.81 -0.18 0.00	66.44 0.41 0.00	33.54 0.67 0.00	36.09 1.11 0.00	31.68 0.81 0.00	28.53 0.37 0.00	34.04 0.47 0.00	30.17 0.37 0.00	24.77 0.15 0.00
E_FISHKILL__LBMP 23776	28.63 1.11 0.00	31.86 1.03 0.00	32.99 1.10 0.00	33.73 1.15 0.00	42.67 1.43 0.00	42.06 1.69 0.00	39.14 2.08 0.00	39.67 2.27 0.00	36.02 1.70 0.00	28.25 1.11 0.00	25.30 0.88 0.00	23.43 0.83 0.00	21.12 0.74 0.00	18.96 0.70 0.00	20.31 0.75 0.00	22.84 0.85 0.00	68.72 2.69 0.00	34.51 1.64 0.00	36.95 1.97 0.00	32.50 1.64 0.00	29.49 1.33 0.00	35.06 1.49 0.00	31.16 1.37 0.00	25.60 0.98 0.00
FALCON__SEABRD_CC1 323796	28.30 0.78 0.00	31.74 0.91 0.00	32.56 0.67 0.00	33.10 0.51 0.00	42.32 1.08 0.00	41.31 0.93 0.00	37.83 0.77 0.00	37.76 0.36 0.00	35.34 1.02 0.00	28.08 0.94 0.00	25.33 0.91 0.00	23.30 0.70 0.00	21.05 0.67 0.00	19.01 0.75 0.00	20.48 0.92 0.00	22.93 0.94 0.00	68.92 2.89 0.00	34.16 1.29 0.00	36.05 1.07 0.00	31.57 0.71 0.00	28.63 0.48 0.00	34.26 0.69 0.00	29.88 0.08 0.00	25.17 0.54 0.00
FALCON__SEABRD_CC2 323797	28.30 0.78 0.00	31.74 0.91 0.00	32.56 0.67 0.00	33.10 0.51 0.00	42.32 1.08 0.00	41.31 0.93 0.00	37.83 0.77 0.00	37.76 0.36 0.00	35.34 1.02 0.00	28.08 0.94 0.00	25.33 0.91 0.00	23.30 0.70 0.00	21.05 0.67 0.00	19.01 0.75 0.00	20.48 0.92 0.00	22.93 0.94 0.00	68.92 2.89 0.00	34.16 1.29 0.00	36.05 1.07 0.00	31.57 0.71 0.00	28.63 0.48 0.00	34.26 0.69 0.00	29.88 0.08 0.00	25.17 0.54 0.00

FAR ROCKAWAY___4 23548	29.48 1.96 0.00	32.74 1.92 0.00	33.78 1.89 0.00	34.51 1.93 0.00	43.42 2.18 0.00	42.71 2.33 0.00	39.74 2.68 0.00	40.63 3.23 0.00	37.05 2.73 0.00	29.06 1.92 0.00	26.16 1.74 0.00	24.24 1.64 0.00	21.81 1.42 0.00	19.59 1.33 0.00	21.00 1.44 0.00	23.68 1.69 0.00	70.95 4.92 0.00	35.47 2.61 0.00	38.18 3.20 0.00	33.58 2.71 0.00	30.48 2.32 0.00	36.18 2.61 0.00	32.13 2.33 0.00	26.36 1.74 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.84 1.32 0.00	32.07 1.25 0.00	33.17 1.28 0.00	33.90 1.32 0.00	42.80 1.56 0.00	42.28 1.91 0.00	39.55 2.49 0.00	40.18 2.79 0.00	36.50 2.18 0.00	28.66 1.52 0.00	25.70 1.28 0.00	23.83 1.23 0.00	21.48 1.10 0.00	19.28 1.01 0.00	20.61 1.05 0.00	23.16 1.16 0.00	69.54 3.51 0.00	34.85 1.99 0.00	37.28 2.30 0.00	32.81 1.94 0.00	29.75 1.60 0.00	35.34 1.77 0.00	31.45 1.66 0.00	25.79 1.17 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.87 1.35 0.00	32.09 1.27 0.00	33.19 1.30 0.00	33.92 1.34 0.00	42.83 1.59 0.00	42.31 1.94 0.00	39.57 2.51 0.00	40.22 2.82 0.00	36.53 2.21 0.00	28.68 1.54 0.00	25.71 1.29 0.00	23.84 1.24 0.00	21.49 1.11 0.00	19.29 1.02 0.00	20.62 1.06 0.00	23.17 1.18 0.00	69.58 3.55 0.00	34.87 2.00 0.00	37.31 2.33 0.00	32.83 1.96 0.00	29.77 1.62 0.00	35.36 1.78 0.00	31.48 1.68 0.00	25.81 1.19 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.89 1.31 0.00	42.79 1.55 0.00	42.27 1.90 0.00	39.53 2.47 0.00	40.17 2.77 0.00	36.49 2.18 0.00	28.65 1.51 0.00	25.68 1.26 0.00	23.82 1.22 0.00	21.47 1.09 0.00	19.27 1.00 0.00	20.60 1.05 0.00	23.15 1.15 0.00	69.51 3.48 0.00	34.84 1.97 0.00	37.27 2.29 0.00	32.79 1.93 0.00	29.74 1.58 0.00	35.32 1.74 0.00	31.44 1.64 0.00	25.78 1.16 0.00
FARRAGUT___LBMP 323566	28.81 1.29 0.00	32.04 1.22 0.00	33.14 1.25 0.00	33.87 1.28 0.00	42.76 1.52 0.00	42.24 1.87 0.00	39.50 2.44 0.00	40.14 2.75 0.00	36.46 2.14 0.00	28.62 1.49 0.00	25.66 1.24 0.00	23.79 1.20 0.00	21.45 1.07 0.00	19.25 0.98 0.00	20.59 1.03 0.00	23.13 1.13 0.00	69.45 3.42 0.00	34.81 1.94 0.00	37.23 2.25 0.00	32.76 1.90 0.00	29.71 1.56 0.00	35.30 1.72 0.00	31.42 1.62 0.00	25.77 1.14 0.00
FENNER___WINDPWR 24204	27.92 0.41 0.00	31.21 0.39 0.00	32.26 0.37 0.00	32.91 0.33 0.00	41.66 0.42 0.00	40.88 0.50 0.00	37.72 0.66 0.00	38.05 0.65 0.00	34.96 0.64 0.00	27.76 0.62 0.00	24.87 0.44 0.00	22.89 0.29 0.00	20.63 0.25 0.00	18.39 0.13 0.00	19.53 -0.03 0.00	21.98 -0.01 0.00	66.37 0.34 0.00	33.28 0.41 0.00	35.47 0.49 0.00	31.10 0.24 0.00	28.21 0.05 0.00	33.61 0.03 0.00	29.84 0.04 0.00	24.60 -0.02 0.00
FIBERTEK___ENERGY 23856	26.93 -0.59 0.00	30.11 -0.72 0.00	31.10 -0.79 0.00	31.79 -0.79 0.00	40.25 -0.99 0.00	39.46 -0.91 0.00	36.42 -0.64 0.00	36.74 -0.66 0.00	33.48 -0.84 0.00	26.52 -0.62 0.00	23.97 -0.45 0.00	22.15 -0.44 0.00	19.96 -0.42 0.00	17.86 -0.40 0.00	19.11 -0.45 0.00	21.48 -0.52 0.00	64.43 -1.60 0.00	32.18 -0.69 0.00	34.29 -0.68 0.00	30.16 -0.70 0.00	27.44 -0.71 0.00	32.72 -0.85 0.00	29.07 -0.72 0.00	24.06 -0.56 0.00
FITZPATRICK___ 23598	26.28 -1.24 0.00	29.38 -1.44 0.00	30.38 -1.51 0.00	31.04 -1.55 0.00	39.28 -1.96 0.00	38.49 -1.88 0.00	35.43 -1.63 0.00	35.76 -1.64 0.00	32.67 -1.65 0.00	25.87 -1.26 0.00	23.41 -1.01 0.00	21.65 -0.95 0.00	19.53 -0.85 0.00	17.50 -0.77 0.00	18.72 -0.84 0.00	21.00 -0.99 0.00	62.86 -3.17 0.00	31.37 -1.49 0.00	33.41 -1.57 0.00	29.42 -1.45 0.00	26.80 -1.36 0.00	31.98 -1.60 0.00	28.41 -1.39 0.00	23.54 -1.09 0.00
FLOWRFLD_69_KV_BK1 356044	29.20 1.68 0.00	32.34 1.51 0.00	33.31 1.42 0.00	34.03 1.45 0.00	42.79 1.55 0.00	42.30 1.92 0.00	39.61 2.55 0.00	40.35 2.96 0.00	36.54 2.22 0.00	28.56 1.43 0.00	25.89 1.48 0.00	24.02 1.42 0.00	21.58 1.19 0.00	19.40 1.14 0.00	20.80 1.24 0.00	23.49 1.50 0.00	70.73 4.70 0.00	35.49 2.62 0.00	38.13 3.15 0.00	33.55 2.69 0.00	30.42 2.26 0.00	35.98 2.41 0.00	31.87 2.08 0.00	26.17 1.55 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.02 1.50 0.00	32.28 1.46 0.00	33.42 1.53 0.00	34.16 1.58 0.00	43.24 2.00 0.00	42.64 2.27 0.00	39.71 2.65 0.00	40.25 2.85 0.00	36.50 2.18 0.00	28.60 1.46 0.00	25.60 1.18 0.00	23.69 1.09 0.00	21.34 0.96 0.00	19.15 0.88 0.00	20.52 0.96 0.00	23.11 1.12 0.00	69.63 3.60 0.00	34.97 2.10 0.00	37.47 2.49 0.00	32.95 2.08 0.00	29.89 1.74 0.00	35.52 1.94 0.00	31.56 1.76 0.00	25.92 1.29 0.00
FORT ORANGE___ 23900	28.22 0.70 0.00	31.46 0.63 0.00	32.63 0.74 0.00	33.37 0.78 0.00	42.27 1.03 0.00	41.54 1.17 0.00	38.43 1.37 0.00	38.75 1.35 0.00	35.24 0.92 0.00	27.60 0.46 0.00	24.66 0.24 0.00	22.81 0.21 0.00	20.60 0.22 0.00	18.47 0.20 0.00	19.81 0.25 0.00	22.31 0.32 0.00	67.33 1.30 0.00	33.86 0.99 0.00	36.23 1.25 0.00	31.89 1.03 0.00	28.97 0.82 0.00	34.54 0.97 0.00	30.59 0.80 0.00	25.17 0.54 0.00
FORT_DRUM_COGEN 23780	27.56 0.05 0.00	30.89 0.07 0.00	31.94 0.06 0.00	32.61 0.03 0.00	41.32 0.08 0.00	40.51 0.14 0.00	37.30 0.24 0.00	37.11 -0.29 0.00	33.55 -0.76 0.00	26.20 -0.94 0.00	23.63 -0.79 0.00	21.37 -1.23 0.00	19.32 -1.06 0.00	17.36 -0.90 0.00	18.43 -1.13 0.00	20.85 -1.15 0.00	63.35 -2.68 0.00	32.40 -0.46 0.00	34.49 -0.49 0.00	29.84 -1.02 0.00	26.79 -1.36 0.00	31.88 -1.69 0.00	28.29 -1.51 0.00	23.38 -1.25 0.00
FOX_HILLS___ESR 323835	28.99 1.48 0.00	32.24 1.42 0.00	33.34 1.46 0.00	34.07 1.49 0.00	43.00 1.76 0.00	42.49 2.12 0.00	39.70 2.64 0.00	48.24 2.92 -7.92	36.57 2.25 0.00	37.03 1.54 -8.35	25.74 1.31 0.00	23.87 1.27 0.00	21.54 1.15 -0.01	19.33 1.06 -0.01	20.66 1.08 -0.02	23.21 1.21 -0.01	69.57 3.54 0.00	34.83 1.97 0.00	36.80 2.27 0.45	32.60 1.92 0.18	29.79 1.63 0.00	35.36 1.79 0.00	31.53 1.73 0.00	25.91 1.29 0.00
FPL_FAR_ROCK_GT1 24212	29.48 1.96 0.00	32.74 1.92 0.00	33.78 1.89 0.00	34.50 1.92 0.00	43.42 2.18 0.00	42.70 2.33 0.00	39.73 2.68 0.00	40.63 3.23 0.00	37.06 2.74 0.00	29.06 1.92 0.00	26.16 1.74 0.00	24.24 1.64 0.00	21.81 1.43 0.00	19.59 1.33 0.00	21.00 1.44 0.00	23.69 1.69 -0.01	70.95 4.92 0.00	35.47 2.61 0.00	38.18 3.20 0.00	33.58 2.72 0.00	30.48 2.32 0.00	36.18 2.61 0.00	32.13 2.33 0.00	26.36 1.73 0.00
FPL_FAR_ROCK_GT2 23815	29.48 1.96 0.00	32.74 1.92 0.00	33.78 1.89 0.00	34.50 1.92 0.00	43.42 2.18 0.00	42.70 2.33 0.00	39.73 2.68 0.00	40.63 3.23 0.00	37.06 2.74 0.00	29.06 1.92 0.00	26.16 1.74 0.00	24.24 1.64 0.00	21.81 1.43 0.00	19.59 1.33 0.00	21.00 1.44 0.00	23.69 1.69 -0.01	70.95 4.92 0.00	35.47 2.61 0.00	38.18 3.20 0.00	33.58 2.72 0.00	30.48 2.32 0.00	36.18 2.61 0.00	32.13 2.33 0.00	26.36 1.73 0.00

FRANKLIN_FALL_HYD 24054	28.62 1.10 0.00	32.12 1.30 0.00	32.99 1.10 0.00	33.56 0.98 0.00	42.76 1.52 0.00	41.64 1.27 0.00	38.07 1.01 0.00	38.25 0.85 0.00	35.61 1.29 0.00	28.34 1.20 0.00	25.62 1.20 0.00	23.59 0.99 0.00	21.20 0.82 0.00	19.08 0.81 0.00	20.45 0.89 0.00	22.93 0.93 0.00	68.81 2.78 0.00	34.03 1.16 0.00	35.96 0.98 0.00	31.60 0.73 0.00	28.80 0.65 0.00	34.50 0.93 0.00	30.26 0.46 0.00	25.30 0.67 0.00
FREEPORT_EQUS_GT1 23764	29.26 1.74 0.00	32.48 1.66 0.00	33.49 1.61 0.00	34.23 1.64 0.00	43.12 1.88 0.00	42.62 2.25 0.00	39.85 2.80 0.00	40.51 3.11 0.00	36.77 2.45 0.00	28.83 1.69 0.00	25.94 1.52 0.00	24.04 1.44 0.00	21.63 1.25 0.00	19.43 1.17 0.00	20.83 1.27 0.00	23.50 1.50 0.00	70.30 4.27 0.00	35.14 2.27 0.00	37.92 2.94 0.00	33.33 2.47 0.00	30.25 2.10 0.00	35.89 2.31 0.00	31.89 2.09 0.00	26.15 1.53 0.00
FREEPORT___CT2 23818	29.26 1.74 0.00	32.48 1.66 0.00	33.49 1.61 0.00	34.23 1.64 0.00	43.12 1.88 0.00	42.62 2.25 0.00	39.85 2.80 0.00	40.51 3.11 0.00	36.77 2.45 0.00	28.83 1.69 0.00	25.94 1.52 0.00	24.04 1.44 0.00	21.63 1.25 0.00	19.43 1.17 0.00	20.83 1.27 0.00	23.50 1.50 0.00	70.30 4.27 0.00	35.14 2.27 0.00	37.92 2.94 0.00	33.33 2.47 0.00	30.25 2.10 0.00	35.89 2.31 0.00	31.89 2.09 0.00	26.15 1.53 0.00
FRESHKLS_33_KV_LOAD 356253	28.99 1.47 0.00	32.23 1.41 0.00	33.34 1.46 0.00	34.08 1.50 0.00	43.00 1.76 0.00	42.47 2.10 0.00	39.68 2.62 0.00	48.21 2.89 -7.92	36.51 2.19 0.00	36.96 1.48 -8.35	25.67 1.25 0.00	23.81 1.21 0.00	21.48 1.09 -0.01	19.29 1.01 -0.01	20.61 1.03 -0.02	23.15 1.15 -0.01	69.39 3.36 0.00	34.74 1.88 0.00	36.33 2.17 0.82	32.36 1.82 0.33	29.72 1.57 0.00	35.28 1.71 0.00	31.49 1.69 0.00	25.90 1.28 0.00
FULTON COGEN____ 23766	26.49 -1.03 0.00	29.58 -1.24 0.00	30.59 -1.30 0.00	31.26 -1.33 0.00	39.55 -1.69 0.00	38.81 -1.57 0.00	35.78 -1.28 0.00	36.12 -1.28 0.00	32.96 -1.36 0.00	26.09 -1.04 0.00	23.57 -0.85 0.00	21.78 -0.82 0.00	19.62 -0.76 0.00	17.58 -0.68 0.00	18.78 -0.78 0.00	21.10 -0.90 0.00	63.27 -2.76 0.00	31.65 -1.22 0.00	33.72 -1.26 0.00	29.66 -1.20 0.00	27.00 -1.16 0.00	32.22 -1.36 0.00	28.62 -1.18 0.00	23.68 -0.94 0.00
FULTON___LFGE 323630	30.27 2.75 0.00	33.78 2.96 0.00	34.84 2.95 0.00	35.62 3.04 0.00	44.69 3.45 0.00	44.34 3.97 0.00	41.12 4.06 0.00	41.49 4.09 0.00	37.60 3.28 0.00	28.42 1.28 0.00	25.18 0.76 0.00	23.21 0.61 0.00	20.94 0.56 0.00	18.74 0.48 0.00	20.05 0.49 0.00	22.53 0.54 0.00	69.68 3.65 0.00	35.88 3.02 0.00	38.63 3.65 0.00	34.05 3.18 0.00	30.92 2.76 0.00	36.86 3.28 0.00	32.66 2.86 0.00	26.91 2.29 0.00
G.F.CEMENT___DRP 24184	28.88 1.36 0.00	32.18 1.36 0.00	33.49 1.60 0.00	34.41 1.83 0.00	43.67 2.43 0.00	42.90 2.52 0.00	39.66 2.59 0.00	39.81 2.41 0.00	36.34 2.02 0.00	28.36 1.22 0.00	25.08 0.66 0.00	23.14 0.54 0.00	20.91 0.53 0.00	18.67 0.41 0.00	20.07 0.51 0.00	22.73 0.74 0.00	69.19 3.16 0.00	34.81 1.94 0.00	37.28 2.30 0.00	32.80 1.94 0.00	29.66 1.51 0.00	35.18 1.61 0.00	31.08 1.28 0.00	25.60 0.97 0.00
GARDENVILLE___LBMP 24039	25.87 -1.65 0.00	28.70 -2.13 0.00	29.75 -2.14 0.00	30.28 -2.30 0.00	38.21 -3.03 0.00	37.33 -3.04 0.00	34.00 -3.06 0.00	34.36 -3.03 0.00	31.28 -3.04 0.00	25.15 -1.99 0.00	22.84 -1.58 0.00	21.15 -1.45 0.00	18.94 -1.44 0.00	16.86 -1.40 0.00	18.03 -1.53 0.00	20.41 -1.59 0.00	60.73 -5.30 0.00	29.93 -2.93 0.00	31.77 -3.21 0.00	27.78 -3.08 0.00	25.22 -2.93 0.00	30.21 -3.36 0.00	27.05 -2.75 0.00	22.45 -2.18 0.00
GARDNVLA_35_KV_LD 355827	25.99 -1.53 0.00	28.83 -2.00 0.00	29.88 -2.01 0.00	30.42 -2.17 0.00	38.37 -2.87 0.00	37.47 -2.90 0.00	34.12 -2.94 0.00	34.51 -2.89 0.00	31.43 -2.89 0.00	25.28 -1.86 0.00	22.94 -1.48 0.00	21.26 -1.34 0.00	19.03 -1.35 0.00	16.94 -1.32 0.00	18.11 -1.45 0.00	20.51 -1.48 0.00	61.09 -4.94 0.00	30.10 -2.77 0.00	31.93 -3.05 0.00	27.93 -2.93 0.00	25.36 -2.79 0.00	30.37 -3.21 0.00	27.17 -2.63 0.00	22.53 -2.09 0.00
GELCKHM___115KV_LOAD 80723	26.71 -0.81 0.00	29.84 -0.98 0.00	30.85 -1.04 0.00	31.51 -1.07 0.00	39.90 -1.35 0.00	39.10 -1.27 0.00	36.07 -0.99 0.00	36.40 -1.00 0.00	33.20 -1.12 0.00	26.30 -0.84 0.00	23.78 -0.64 0.00	21.98 -0.62 0.00	19.80 -0.58 0.00	17.73 -0.53 0.00	18.96 -0.59 0.00	21.30 -0.70 0.00	63.87 -2.16 0.00	31.91 -0.96 0.00	33.98 -1.00 0.00	29.89 -0.97 0.00	27.20 -0.95 0.00	32.45 -1.13 0.00	28.83 -0.96 0.00	23.85 -0.77 0.00
GENERAL___MILLS 23808	25.96 -1.56 0.00	28.80 -2.02 0.00	29.85 -2.04 0.00	30.39 -2.19 0.00	38.34 -2.90 0.00	37.44 -2.93 0.00	34.09 -2.97 0.00	34.47 -2.93 0.00	25.24 -1.89 0.00	22.91 -1.50 0.00	21.22 -1.38 0.00	19.00 -1.38 0.00	16.92 -1.35 0.00	18.08 -1.48 0.00	20.48 -1.52 0.00	60.99 -5.04 0.00	30.05 -2.82 0.00	31.88 -3.10 0.00	27.88 -2.98 0.00	25.32 -2.84 0.00	30.33 -3.25 0.00	27.14 -2.66 0.00	22.50 -2.12 0.00	
GE_PLASTICS___DRP 24183	28.10 0.58 0.00	31.34 0.51 0.00	32.50 0.61 0.00	33.23 0.64 0.00	42.09 0.84 0.00	41.32 0.95 0.00	38.20 1.15 0.00	38.54 1.14 0.00	35.13 0.82 0.00	27.57 0.43 0.00	24.68 0.26 0.00	22.83 0.23 0.00	20.61 0.23 0.00	18.49 0.22 0.00	19.82 0.27 0.00	22.30 0.31 0.00	67.17 1.15 0.00	33.70 0.83 0.00	36.02 1.04 0.00	31.71 0.85 0.00	28.82 0.66 0.00	34.36 0.79 0.00	30.46 0.66 0.00	25.07 0.45 0.00
GILBOA___1 23756	28.11 0.59 0.00	31.36 0.54 0.00	32.48 0.59 0.00	33.21 0.63 0.00	42.03 0.79 0.00	41.31 0.94 0.00	38.18 1.12 0.00	38.52 1.12 0.00	35.14 0.82 0.00	27.67 0.53 0.00	24.81 0.39 0.00	22.95 0.35 0.00	20.71 0.33 0.00	18.56 0.30 0.00	19.89 0.33 0.00	22.37 0.37 0.00	67.29 1.27 0.00	33.71 0.84 0.00	36.00 1.02 0.00	31.69 0.82 0.00	28.81 0.65 0.00	34.32 0.75 0.00	30.48 0.68 0.00	25.10 0.48 0.00
GILBOA___2 23757	28.11 0.59 0.00	31.36 0.54 0.00	32.48 0.59 0.00	33.21 0.63 0.00	42.03 0.79 0.00	41.31 0.94 0.00	38.18 1.12 0.00	38.52 1.12 0.00	35.14 0.82 0.00	27.67 0.53 0.00	24.81 0.39 0.00	22.95 0.35 0.00	20.71 0.33 0.00	18.56 0.30 0.00	19.89 0.33 0.00	22.37 0.37 0.00	67.29 1.27 0.00	33.71 0.84 0.00	36.00 1.02 0.00	31.69 0.82 0.00	28.81 0.65 0.00	34.32 0.75 0.00	30.48 0.68 0.00	25.10 0.48 0.00
GILBOA___3 23758	28.11 0.59 0.00	31.36 0.54 0.00	32.48 0.59 0.00	33.21 0.63 0.00	42.03 0.79 0.00	41.31 0.94 0.00	38.18 1.12 0.00	38.52 1.12 0.00	35.14 0.82 0.00	27.67 0.53 0.00	24.81 0.39 0.00	22.95 0.35 0.00	20.71 0.33 0.00	18.56 0.30 0.00	19.89 0.33 0.00	22.37 0.37 0.00	67.29 1.27 0.00	33.71 0.84 0.00	36.00 1.02 0.00	31.69 0.82 0.00	28.81 0.65 0.00	34.32 0.75 0.00	30.48 0.68 0.00	25.10 0.48 0.00

GILBOA___4 23759	28.11 0.59 0.00	31.36 0.54 0.00	32.48 0.59 0.00	33.21 0.63 0.00	42.03 0.79 0.00	41.31 0.94 0.00	38.18 1.12 0.00	38.52 1.12 0.00	35.14 0.82 0.00	27.67 0.53 0.00	24.81 0.39 0.00	22.95 0.35 0.00	20.71 0.33 0.00	18.56 0.30 0.00	19.89 0.33 0.00	22.37 0.37 0.00	67.29 1.27 0.00	33.71 0.84 0.00	36.00 1.02 0.00	31.69 0.82 0.00	28.81 0.65 0.00	34.32 0.75 0.00	30.48 0.68 0.00	25.10 0.48 0.00
GILBOA____ 23599	28.11 0.59 0.00	31.36 0.54 0.00	32.48 0.59 0.00	33.21 0.63 0.00	42.03 0.79 0.00	41.31 0.94 0.00	38.18 1.12 0.00	38.52 1.12 0.00	35.14 0.82 0.00	27.67 0.53 0.00	24.82 0.40 0.00	22.95 0.35 0.00	20.71 0.33 0.00	18.56 0.30 0.00	19.89 0.33 0.00	22.37 0.37 0.00	67.30 1.27 0.00	33.71 0.84 0.00	36.00 1.02 0.00	31.69 0.82 0.00	28.81 0.65 0.00	34.32 0.75 0.00	30.48 0.68 0.00	25.10 0.48 0.00
GINNA____ 23603	25.21 -2.31 0.00	28.06 -2.76 0.00	29.03 -2.86 0.00	29.61 -2.97 0.00	37.47 -3.77 0.00	36.70 -3.67 0.00	33.69 -3.38 0.00	34.03 -3.37 0.00	30.97 -3.35 0.00	24.61 -2.53 0.00	22.25 -2.17 0.00	20.57 -2.03 0.00	18.48 -1.91 0.00	16.49 -1.77 0.00	17.64 -1.92 0.00	19.92 -2.08 0.00	59.84 -6.19 0.00	29.76 -3.11 0.00	31.66 -3.32 0.00	27.79 -3.07 0.00	25.29 -2.87 0.00	30.16 -3.42 0.00	26.82 -2.98 0.00	22.18 -2.44 0.00
GLEN PARK____ 23778	27.59 0.07 0.00	30.91 0.08 0.00	31.96 0.07 0.00	32.62 0.04 0.00	41.35 0.11 0.00	40.56 0.19 0.00	37.39 0.33 0.00	37.21 -0.19 0.00	33.59 -0.73 0.00	26.12 -1.01 0.00	23.58 -0.84 0.00	21.28 -1.32 0.00	19.23 -1.15 0.00	17.28 -0.99 0.00	18.34 -1.22 0.00	20.74 -1.25 0.00	63.05 -2.98 0.00	32.39 -0.48 0.00	34.54 -0.44 0.00	29.91 -0.95 0.00	26.85 -1.30 0.00	31.95 -1.63 0.00	28.33 -1.47 0.00	23.39 -1.23 0.00
GLENDALE_27_KV_LOAD 356172	29.00 1.48 0.00	32.23 1.41 0.00	33.34 1.45 0.00	34.06 1.48 0.00	42.99 1.75 0.00	42.49 2.12 0.00	39.74 2.68 0.00	40.37 2.97 0.00	36.68 2.36 0.00	28.80 1.66 0.00	25.82 1.40 0.00	23.94 1.34 0.00	21.59 1.21 0.00	19.37 1.11 0.00	20.70 1.14 0.00	23.28 1.28 0.00	69.87 3.84 0.00	35.00 2.13 0.00	37.44 2.46 0.00	32.93 2.07 0.00	29.90 1.75 0.00	35.50 1.93 0.00	31.60 1.80 0.00	25.91 1.29 0.00
GLENWOOD_IC_1_G5 23712	29.36 1.85 0.00	32.60 1.77 0.00	33.63 1.74 0.00	34.36 1.78 0.00	43.31 2.07 0.00	42.80 2.43 0.00	40.03 2.97 0.00	40.68 3.28 0.00	36.94 2.63 0.00	28.98 1.84 0.00	26.08 1.66 0.00	24.17 1.57 0.00	21.76 1.37 0.00	19.54 1.28 0.00	20.94 1.38 0.00	23.61 1.61 0.00	70.81 4.78 0.00	35.14 2.28 0.00	37.78 2.80 0.00	33.21 2.35 0.00	30.14 1.98 0.00	35.89 2.31 0.00	32.00 2.20 0.00	26.24 1.62 0.00
GLENWOOD_IC_2_G1 23688	29.30 1.79 0.00	32.53 1.71 0.00	33.57 1.68 0.00	34.30 1.72 0.00	43.24 2.00 0.00	42.72 2.35 0.00	39.94 2.88 0.00	40.60 3.20 0.00	36.87 2.55 0.00	28.92 1.78 0.00	26.02 1.60 0.00	24.12 1.52 0.00	21.71 1.33 0.00	19.50 1.23 0.00	20.89 1.33 0.00	23.55 1.56 0.00	70.66 4.63 0.00	35.25 2.38 0.00	37.89 2.91 0.00	33.31 2.44 0.00	30.21 2.06 0.00	35.90 2.33 0.00	31.93 2.14 0.00	26.19 1.57 0.00
GLENWOOD_IC_3_G1 23689	29.30 1.79 0.00	32.53 1.71 0.00	33.57 1.68 0.00	34.30 1.72 0.00	43.24 2.00 0.00	42.72 2.35 0.00	39.94 2.88 0.00	40.60 3.20 0.00	36.87 2.55 0.00	28.92 1.78 0.00	26.02 1.60 0.00	24.12 1.52 0.00	21.71 1.33 0.00	19.50 1.23 0.00	20.89 1.33 0.00	23.55 1.56 0.00	70.66 4.63 0.00	35.25 2.38 0.00	37.89 2.91 0.00	33.31 2.44 0.00	30.21 2.06 0.00	35.90 2.33 0.00	31.93 2.14 0.00	26.19 1.57 0.00
GLENWOOD___4 23550	29.36 1.85 0.00	32.60 1.77 0.00	33.63 1.74 0.00	34.36 1.78 0.00	43.31 2.07 0.00	42.80 2.43 0.00	40.03 2.97 0.00	40.68 3.28 0.00	36.94 2.63 0.00	28.98 1.84 0.00	26.08 1.66 0.00	24.17 1.57 0.00	21.76 1.37 0.00	19.54 1.28 0.00	20.94 1.38 0.00	23.61 1.61 0.00	70.81 4.78 0.00	35.22 2.36 0.00	37.86 2.88 0.00	33.28 2.42 0.00	30.20 2.05 0.00	35.92 2.35 0.00	32.00 2.20 0.00	26.24 1.62 0.00
GLENWOOD___5 23614	29.36 1.85 0.00	32.60 1.77 0.00	33.63 1.74 0.00	34.36 1.78 0.00	43.31 2.07 0.00	42.80 2.43 0.00	40.03 2.97 0.00	40.68 3.28 0.00	36.94 2.63 0.00	28.98 1.84 0.00	26.08 1.66 0.00	24.17 1.57 0.00	21.76 1.37 0.00	19.54 1.28 0.00	20.94 1.38 0.00	23.61 1.61 0.00	70.81 4.78 0.00	35.22 2.36 0.00	37.86 2.88 0.00	33.28 2.42 0.00	30.20 2.05 0.00	35.92 2.35 0.00	32.00 2.20 0.00	26.24 1.62 0.00
GLOBAL GREEN_PORT_GT1 23814	29.30 1.79 0.00	32.38 1.56 0.00	33.35 1.46 0.00	34.10 1.52 0.00	42.90 1.65 0.00	42.44 2.07 0.00	39.96 2.90 0.00	41.17 3.77 0.00	37.11 2.79 0.00	28.87 1.73 0.00	26.35 1.93 0.00	24.40 1.80 0.00	21.76 1.38 0.00	19.54 1.28 0.00	20.98 1.42 0.00	23.73 1.73 0.00	71.37 5.34 0.00	35.90 3.03 0.00	38.57 3.59 0.00	34.07 3.21 0.00	30.88 2.73 0.00	36.50 2.93 0.00	32.32 2.52 0.00	26.59 1.97 0.00
GLOBE___DSASP 323697	24.94 -2.58 0.00	27.60 -3.23 0.00	28.54 -3.35 0.00	29.02 -3.57 0.00	36.65 -4.59 0.00	35.71 -4.66 0.00	32.35 -4.71 0.00	32.64 -4.76 0.00	29.75 -4.57 0.00	23.95 -3.19 0.00	21.75 -2.66 0.00	20.16 -2.44 0.00	18.03 -2.35 0.00	16.02 -2.24 0.00	17.15 -2.41 0.00	19.49 -2.51 0.00	58.01 -8.02 0.00	28.59 -4.27 0.00	30.28 -4.69 0.00	26.52 -4.34 0.00	24.16 -3.99 0.00	28.89 -4.68 0.00	25.81 -3.99 0.00	21.47 -3.15 0.00
GOETHSLN___LBMP 323567	28.67 1.15 0.00	31.89 1.06 0.00	32.99 1.10 0.00	33.71 1.13 0.00	42.53 1.29 0.00	42.03 1.65 0.00	39.31 2.25 0.00	39.96 2.56 0.00	36.26 1.94 0.00	28.46 1.32 0.00	25.53 1.11 0.00	23.69 1.10 0.00	21.36 0.98 0.00	19.18 0.91 0.00	20.50 0.95 0.00	23.02 1.03 0.00	69.08 3.05 0.00	34.63 1.76 0.00	37.06 2.08 0.00	32.60 1.74 0.00	29.55 1.40 0.00	35.09 1.52 0.00	31.26 1.46 0.00	25.64 1.02 0.00
GOLAH___69_KV_TB 1_2 80279	26.42 -1.09 0.00	29.37 -1.45 0.00	30.40 -1.49 0.00	30.99 -1.60 0.00	39.17 -2.07 0.00	38.33 -2.05 0.00	35.07 -1.99 0.00	35.46 -1.94 0.00	32.20 -2.12 0.00	25.63 -1.51 0.00	23.19 -1.23 0.00	21.45 -1.15 0.00	19.24 -1.14 0.00	17.15 -1.11 0.00	18.34 -1.22 0.00	20.74 -1.25 0.00	62.29 -3.74 0.00	30.91 -1.96 0.00	32.92 -2.06 0.00	28.87 -1.99 0.00	26.26 -1.90 0.00	31.35 -2.23 0.00	27.92 -1.88 0.00	23.11 -1.52 0.00
GOODYEAR_LAKE_HYD 323669	28.53 1.01 0.00	31.95 1.13 0.00	33.01 1.12 0.00	33.71 1.13 0.00	42.70 1.46 0.00	41.94 1.56 0.00	38.77 1.71 0.00	39.17 1.77 0.00	35.72 1.40 0.00	28.18 1.04 0.00	25.32 0.90 0.00	23.37 0.77 0.00	21.03 0.65 0.00	18.82 0.56 0.00	20.12 0.56 0.00	22.60 0.61 0.00	68.04 2.02 0.00	34.01 1.14 0.00	36.22 1.24 0.00	31.86 0.99 0.00	28.91 0.76 0.00	34.44 0.87 0.00	30.67 0.86 0.00	25.32 0.70 0.00

GOUDEY___7	27.33	30.58	31.59	32.30	40.83	40.08	37.11	37.48	34.04	26.91	24.28	22.43	20.17	18.08	19.32	21.67	65.14	32.51	34.70	30.50	27.63	33.06	29.44	24.34
345031	-0.19	-0.24	-0.30	-0.28	-0.41	-0.29	0.05	0.08	-0.28	-0.22	-0.14	-0.17	-0.21	-0.19	-0.24	-0.32	-0.89	-0.36	-0.28	-0.37	-0.52	-0.51	-0.36	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOUDEY___8	27.35	30.61	31.62	32.32	40.87	40.12	37.14	37.52	34.08	26.94	24.31	22.45	20.19	18.09	19.34	21.69	65.20	32.54	34.73	30.53	27.66	33.09	29.46	24.36
23579	-0.17	-0.21	-0.27	-0.26	-0.37	-0.25	0.08	0.12	-0.25	-0.20	-0.11	-0.15	-0.19	-0.17	-0.22	-0.30	-0.82	-0.33	-0.25	-0.34	-0.50	-0.49	-0.33	-0.27
	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	
GOUDEY___8	27.33	30.58	31.59	32.30	40.83	40.08	37.11	37.48	34.04	26.91	24.28	22.43	20.17	18.08	19.32	21.67	65.14	32.51	34.70	30.50	27.63	33.06	29.44	24.34
23580	-0.19	-0.24	-0.30	-0.28	-0.41	-0.29	0.05	0.08	-0.28	-0.22	-0.14	-0.17	-0.21	-0.19	-0.24	-0.32	-0.89	-0.36	-0.28	-0.37	-0.52	-0.51	-0.36	-0.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT1_1	29.02	32.28	33.38	34.11	43.04	42.54	39.77	48.31	36.67	37.13	25.82	23.95	21.60	19.39	20.72	23.28	69.84	34.96	37.39	32.90	29.90	35.49	31.62	25.95
24077	1.51	1.45	1.49	1.53	1.80	2.17	2.71	3.00	2.35	1.64	1.40	1.35	1.21	1.12	1.15	1.29	3.81	2.09	2.41	2.04	1.74	1.92	1.82	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.92	0.00	-8.35	0.00	0.00	-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT1_2	29.02	32.28	33.38	34.11	43.04	42.54	39.77	48.31	36.67	37.13	25.82	23.95	21.60	19.39	20.72	23.28	69.84	34.96	37.39	32.90	29.90	35.49	31.62	25.95
24078	1.51	1.45	1.49	1.53	1.80	2.17	2.71	3.00	2.35	1.64	1.40	1.35	1.21	1.12	1.15	1.29	3.81	2.09	2.41	2.04	1.74	1.92	1.82	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.92	0.00	-8.35	0.00	0.00	-0.01	-0.01	-0.02	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT1_3	29.02	32.28	33.38	34.11	43.04	42.54	39.77	48.31	36.67	37.13	25.82	23.95	21.60	19.39	20.72	23.28	69.84	34.96	37.39	32.90	29.90	35.49	31.62	25.95
24079	1.51	1.45	1.49	1.53	1.80	2.17	2.71	3.00	2.35	1.64	1.40	1.35	1.21	1.12	1.15	1.29	3.81	2.09	2.41	2.04	1.74	1.92	1.82	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.92	0.00	-8.35	0.00	0												

GOWANUS_GT2_5 24118	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT2_6 24119	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT2_7 24120	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT2_8 24121	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT3_1 24122	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT3_2 24123	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT3_3 24124	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT3_4 24125	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92																

GOWANUS_GT4_4 24133	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.77 2.71 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.92 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT4_5 24134	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.77 2.71 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.92 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT4_6 24135	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.77 2.71 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.92 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT4_7 24136	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.77 2.71 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.92 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GOWANUS_GT4_8 24137	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.77 2.71 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.92 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GREENBSH_115KV_TB3 55895	28.03 0.51 0.00	31.25 0.42 0.00	32.42 0.53 0.00	33.16 0.57 0.00	41.99 0.75 0.00	41.25 0.87 0.00	38.15 1.08 0.00	38.47 1.07 0.00	35.05 0.73 0.00	27.49 0.35 0.00	24.56 0.14 0.00	22.73 0.13 0.00	20.54 0.16 0.00	18.41 0.15 0.00	19.76 0.20 0.00	22.23 0.24 0.00	67.01 0.98 0.00	33.65 0.78 0.00	35.98 1.00 0.00	31.68 0.82 0.00	28.78 0.62 0.00	34.32 0.75 0.00	30.41 0.61 0.00	25.02 0.40 0.00
GREENDGE_115KV_TB5 80291	27.16 -0.36 0.00	30.43 -0.39 0.00	31.25 -0.64 0.00	31.92 -0.66 0.00	40.44 -0.80 0.00	39.60 -0.77 0.00	36.68 -0.38 0.00	37.09 -0.31 0.00	33.46 -0.86 0.00	26.45 -0.69 0.00	23.83 -0.59 0.00	21.99 -0.61 0.00	19.74 -0.64 0.00	17.66 -0.60 0.00	18.84 -0.72 0.00	21.18 -0.82 0.00	63.42 -2.61 0.00	31.87 -0.99 0.00	33.78 -1.21 0.00	29.74 -1.13 0.00	27.02 -1.13 0.00	32.25 -1.32 0.00	28.85 -0.95 0.00	23.89 -0.74 0.00
GREENIDGE___3 23582	27.16 -0.36 0.00	30.43 -0.39 0.00	31.25 -0.64 0.00	31.92 -0.66 0.00	40.44 -0.80 0.00	39.60 -0.77 0.00	36.68 -0.38 0.00	37.09 -0.31 0.00	33.46 -0.86 0.00	26.45 -0.69 0.00	23.83 -0.59 0.00	21.99 -0.61 0.00	19.74 -0.64 0.00	17.66 -0.60 0.00	18.84 -0.72 0.00	21.18 -0.82 0.00	63.42 -2.61 0.00	31.87 -0.99 0.00	33.78 -1.21 0.00	29.74 -1.13 0.00	27.02 -1.13 0.00	32.25 -1.32 0.00	28.85 -0.95 0.00	23.89 -0.74 0.00
GREENIDGE___4 23583	27.16 -0.36 0.00	30.43 -0.39 0.00	31.25 -0.64 0.00	31.93 -0.66 0.00	40.44 -0.80 0.00	39.61 -0.77 0.00	36.68 -0.38 0.00	37.09 -0.31 0.00	33.46 -0.86 0.00	26.45 -0.69 0.00	23.83 -0.59 0.00	21.99 -0.61 0.00	19.74 -0.64 0.00	17.66 -0.61 0.00	18.84 -0.72 0.00	21.18 -0.81 0.00	63.41 -2.61 0.00	31.87 -1.00 0.00	33.78 -1.20 0.00	29.73 -1.13 0.00	27.02 -1.13 0.00	32.24 -1.33 0.00	28.85 -0.95 0.00	23.89 -0.74 0.00
GREENLWN_69_KV_BK 3 55738	29.06 1.54 0.00	32.26 1.44 0.00	33.26 1.37 0.00	33.98 1.40 0.00	42.74 1.50 0.00	42.22 1.85 0.00	39.50 2.44 0.00	40.14 2.75 0.00	36.45 2.14 0.00	28.58 1.44 0.00	25.77 1.35 0.00	23.91 1.30 0.00	21.51 1.12 0.00	19.32 1.06 0.00	20.71 1.16 0.00	23.35 1.36 0.00	70.11 4.08 0.00	35.07 2.21 0.00	37.65 2.67 0.00	33.11 2.25 0.00	30.05 1.89 0.00	35.63 2.05 0.00	31.62 1.82 0.00	25.97 1.34 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.77 2.71 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.92 0.00	31.62 1.82 0.00	25.95 1.33 0.00
GRISSOM___SOLAR 323813	30.27 2.75 0.00	33.78 2.96 0.00	34.84 2.95 0.00	35.62 3.04 0.00	44.69 3.45 0.00	44.34 3.97 0.00	41.12 4.06 0.00	41.49 4.09 0.00	37.60 3.28 0.00	28.42 1.28 0.00	25.18 0.76 0.00	23.21 0.61 0.00	20.94 0.56 0.00	18.74 0.48 0.00	20.05 0.49 0.00	22.53 0.54 0.00	69.68 3.65 0.00	35.88 3.02 0.00	38.63 3.65 0.00	34.05 3.18 0.00	30.92 2.76 0.00	36.86 3.28 0.00	32.66 2.86 0.00	26.91 2.29 0.00
GROVEVILLE___HYD 323602	29.02 1.50 0.00	32.28 1.46 0.00	33.42 1.53 0.00	34.16 1.58 0.00	43.24 2.00 0.00	42.64 2.27 0.00	39.71 2.65 0.00	40.25 2.85 0.00	36.50 2.18 0.00	28.60 1.46 0.00	25.60 1.18 0.00	23.69 1.09 0.00	21.34 0.96 0.00	19.15 0.88 0.00	20.52 0.96 0.00	23.11 1.12 0.00	69.63 3.60 0.00	34.97 2.10 0.00	37.47 2.49 0.00	32.95 2.08 0.00	29.89 1.74 0.00	35.52 1.94 0.00	31.56 1.76 0.00	25.92 1.29 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.93 -0.59 0.00	30.11 -0.72 0.00	31.10 -0.79 0.00	31.79 -0.79 0.00	40.25 -0.99 0.00	39.46 -0.91 0.00	36.42 -0.64 0.00	36.74 -0.66 0.00	33.48 -0.84 0.00	26.52 -0.62 0.00	23.97 -0.45 0.00	22.15 -0.44 0.00	19.96 -0.42 0.00	17.86 -0.40 0.00	19.11 -0.45 0.00	21.48 -0.52 0.00	64.43 -1.60 0.00	32.18 -0.69 0.00	34.29 -0.68 0.00	30.16 -0.70 0.00	27.44 -0.71 0.00	32.72 -0.85 0.00	29.07 -0.72 0.00	24.06 -0.56 0.00
HAMLTNNY_34_KV_TB 80303	26.97 -0.55 0.00	30.17 -0.66 0.00	31.13 -0.76 0.00	31.82 -0.76 0.00	40.31 -0.93 0.00	39.52 -0.85 0.00	36.49 -0.57 0.00	36.82 -0.58 0.00	33.54 -0.78 0.00	26.54 -0.60 0.00	24.01 -0.41 0.00	22.18 -0.42 0.00	19.97 -0.41 0.00	17.87 -0.40 0.00	19.12 -0.43 0.00	21.50 -0.50 0.00	64.53 -1.50 0.00	32.19 -0.68 0.00	34.31 -0.67 0.00	30.19 -0.68 0.00	27.46 -0.69 0.00	32.71 -0.86 0.00	29.07 -0.73 0.00	24.08 -0.54 0.00

HAMPSHIRE___PAPER_HYD 323593	27.73 0.21 0.00	31.21 0.39 0.00	32.24 0.35 0.00	32.89 0.31 0.00	41.56 0.32 0.00	40.41 0.04 0.00	36.97 -0.09 0.00	36.95 -0.45 0.00	33.92 -0.40 0.00	26.90 -0.24 0.00	24.37 -0.05 0.00	22.32 -0.28 0.00	20.11 -0.27 0.00	18.07 -0.19 0.00	19.27 -0.29 0.00	21.76 -0.24 0.00	65.48 -0.55 0.00	32.66 -0.21 0.00	34.61 -0.37 0.00	30.27 -0.59 0.00	27.56 -0.59 0.00	32.96 -0.61 0.00	29.29 -0.51 0.00	24.30 -0.32 0.00
HARDSCRABBLE_WT_PWR 323673	27.61 0.09 0.00	30.93 0.11 0.00	32.12 0.23 0.00	32.91 0.33 0.00	41.68 0.44 0.00	41.11 0.73 0.00	38.12 1.06 0.00	38.43 1.03 0.00	34.81 0.49 0.00	27.19 0.05 0.00	24.27 -0.15 0.00	22.49 -0.11 0.00	20.26 -0.12 0.00	18.15 -0.11 0.00	19.45 -0.10 0.00	21.90 -0.10 0.00	66.52 0.49 0.00	33.49 0.62 0.00	35.95 0.97 0.00	31.54 0.67 0.00	28.35 0.20 0.00	33.86 0.28 0.00	30.05 0.25 0.00	24.71 0.09 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.78 1.26 0.00	32.04 1.22 0.00	33.16 1.27 0.00	33.90 1.31 0.00	42.88 1.64 0.00	42.29 1.92 0.00	39.41 2.35 0.00	39.97 2.57 0.00	36.24 1.92 0.00	28.41 1.27 0.00	25.50 1.09 0.00	23.62 1.03 0.00	21.28 0.90 0.00	19.10 0.84 0.00	20.45 0.90 0.00	23.02 1.03 0.00	69.26 3.23 0.00	34.76 1.89 0.00	37.21 2.23 0.00	32.72 1.86 0.00	29.67 1.51 0.00	35.25 1.67 0.00	31.36 1.56 0.00	25.76 1.14 0.00
HARSNRAD_115KV_TB1 81005	25.46 -2.06 0.00	28.20 -2.63 0.00	29.20 -2.69 0.00	29.72 -2.86 0.00	37.54 -3.70 0.00	36.63 -3.74 0.00	33.25 -3.81 0.00	33.60 -3.79 0.00	30.58 -3.74 0.00	24.59 -2.55 0.00	22.31 -2.11 0.00	20.65 -1.95 0.00	18.48 -1.91 0.00	16.42 -1.85 0.00	17.56 -1.99 0.00	19.94 -2.05 0.00	59.50 -6.53 0.00	29.35 -3.52 0.00	31.14 -3.84 0.00	27.25 -3.61 0.00	24.79 -3.37 0.00	29.65 -3.92 0.00	26.49 -3.31 0.00	22.00 -2.63 0.00
HARZA MOOSE___RIVER 24016	28.09 0.58 0.00	31.46 0.64 0.00	32.54 0.64 0.00	33.23 0.64 0.00	42.10 0.86 0.00	41.27 0.90 0.00	38.01 0.95 0.00	38.00 0.60 0.00	34.60 0.28 0.00	27.28 0.14 0.00	24.48 0.06 0.00	22.41 -0.19 0.00	20.23 -0.15 0.00	18.17 -0.10 0.00	19.36 -0.20 0.00	21.83 -0.16 0.00	66.15 0.12 0.00	33.33 0.46 0.00	35.42 0.44 0.00	30.89 0.03 0.00	27.85 -0.30 0.00	33.19 -0.39 0.00	29.48 -0.32 0.00	24.35 -0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.70 -0.82 0.00	29.81 -1.01 0.00	30.83 -1.06 0.00	31.49 -1.09 0.00	39.85 -1.39 0.00	39.04 -1.33 0.00	36.02 -1.04 0.00	36.36 -1.04 0.00	33.18 -1.14 0.00	26.31 -0.83 0.00	23.79 -0.63 0.00	21.99 -0.61 0.00	19.81 -0.57 0.00	17.74 -0.53 0.00	18.97 -0.59 0.00	21.30 -0.70 0.00	63.87 -2.16 0.00	31.91 -0.96 0.00	33.99 -0.99 0.00	29.89 -0.98 0.00	27.19 -0.96 0.00	32.45 -1.13 0.00	28.84 -0.96 0.00	23.85 -0.77 0.00
HELLGATE_13_KV_LD 55870	28.87 1.35 0.00	32.09 1.27 0.00	33.19 1.30 0.00	33.92 1.34 0.00	42.82 1.58 0.00	42.32 1.95 0.00	39.57 2.51 0.00	40.17 2.77 0.00	36.51 2.19 0.00	28.65 1.51 0.00	25.68 1.26 0.00	23.82 1.22 0.00	21.47 1.09 0.00	19.28 1.01 0.00	20.59 1.03 0.00	23.15 1.16 0.00	69.50 3.47 0.00	34.81 1.94 0.00	37.24 2.26 0.00	32.75 1.89 0.00	29.76 1.60 0.00	35.33 1.75 0.00	31.44 1.64 0.00	25.78 1.16 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.87 1.35 0.00	32.09 1.27 0.00	33.19 1.30 0.00	33.92 1.34 0.00	42.82 1.58 0.00	42.32 1.95 0.00	39.57 2.51 0.00	40.17 2.77 0.00	36.51 2.19 0.00	28.65 1.51 0.00	25.68 1.26 0.00	23.82 1.22 0.00	21.47 1.09 0.00	19.28 1.01 0.00	20.59 1.03 0.00	23.15 1.16 0.00	69.50 3.47 0.00	34.81 1.94 0.00	37.24 2.26 0.00	32.75 1.89 0.00	29.76 1.60 0.00	35.33 1.75 0.00	31.44 1.64 0.00	25.78 1.16 0.00
HEMPSTEAD____ 23647	29.17 1.66 0.00	32.39 1.56 0.00	33.41 1.52 0.00	34.14 1.56 0.00	43.03 1.79 0.00	42.53 2.16 0.00	39.78 2.71 0.00	40.42 3.02 0.00	36.70 2.38 0.00	28.78 1.64 0.00	25.90 1.49 0.00	24.00 1.41 0.00	21.61 1.22 0.00	19.41 1.15 0.00	20.80 1.24 0.00	23.45 1.46 0.00	70.30 4.27 0.00	35.08 2.21 0.00	37.75 2.76 0.00	33.18 2.31 0.00	30.10 1.95 0.00	35.75 2.18 0.00	31.79 1.99 0.00	26.07 1.45 0.00
HEWLETT__69_KV_BK3 55828	29.34 1.82 0.00	32.59 1.77 0.00	33.63 1.74 0.00	34.36 1.78 0.00	43.27 2.03 0.00	42.63 2.26 0.00	39.74 2.68 0.00	40.52 3.13 0.00	36.89 2.57 0.00	28.94 1.80 0.00	26.04 1.62 0.00	24.14 1.54 0.00	21.72 1.33 0.00	19.51 1.25 0.00	20.91 1.35 0.00	23.58 1.58 0.00	70.61 4.58 0.00	35.29 2.42 0.00	37.99 3.00 0.00	33.40 2.54 0.00	30.33 2.18 0.00	36.02 2.44 0.00	31.99 2.19 0.00	26.24 1.61 0.00
HICKLING___1 23621	27.19 -0.33 0.00	30.52 -0.31 0.00	31.47 -0.42 0.00	32.16 -0.42 0.00	40.71 -0.53 0.00	39.90 -0.48 0.00	37.03 -0.03 0.00	37.42 0.02 0.00	33.87 -0.46 0.00	26.83 -0.31 0.00	24.24 -0.18 0.00	22.37 -0.23 0.00	20.08 -0.30 0.00	18.02 -0.25 0.00	19.19 -0.37 0.00	21.47 -0.52 0.00	64.34 -1.69 0.00	32.07 -0.79 0.00	34.24 -0.74 0.00	30.06 -0.80 0.00	27.10 -1.05 0.00	32.53 -1.04 0.00	29.05 -0.74 0.00	24.05 -0.57 0.00
HICKLING___2 23622	27.19 -0.33 0.00	30.52 -0.31 0.00	31.47 -0.42 0.00	32.16 -0.42 0.00	40.71 -0.53 0.00	39.90 -0.48 0.00	37.03 -0.03 0.00	37.42 0.02 0.00	33.87 -0.46 0.00	26.83 -0.31 0.00	24.24 -0.18 0.00	22.37 -0.23 0.00	20.08 -0.30 0.00	18.02 -0.25 0.00	19.19 -0.37 0.00	21.47 -0.52 0.00	64.34 -1.69 0.00	32.07 -0.79 0.00	34.24 -0.74 0.00	30.06 -0.80 0.00	27.10 -1.05 0.00	32.53 -1.04 0.00	29.05 -0.74 0.00	24.05 -0.57 0.00
HIGH FALLS___HY 23754	29.05 1.54 0.00	32.43 1.61 0.00	33.55 1.66 0.00	34.30 1.72 0.00	43.42 2.18 0.00	42.88 2.51 0.00	39.99 2.93 0.00	40.60 3.20 0.00	36.67 2.35 0.00	28.68 1.54 0.00	25.66 1.24 0.00	23.67 1.07 0.00	21.17 0.79 0.00	18.96 0.70 0.00	20.27 0.71 0.00	22.85 0.86 0.00	69.06 3.03 0.00	34.76 1.89 0.00	37.24 2.26 0.00	32.80 1.94 0.00	29.96 1.81 0.00	35.57 2.00 0.00	31.65 1.85 0.00	25.98 1.35 0.00
HILLBURN___GT 23639	28.73 1.22 0.00	31.99 1.17 0.00	33.10 1.21 0.00	33.84 1.26 0.00	42.79 1.55 0.00	42.22 1.85 0.00	39.38 2.32 0.00	39.98 2.58 0.00	36.24 1.92 0.00	28.41 1.28 0.00	25.54 1.12 0.00	23.67 1.07 0.00	21.33 0.94 0.00	19.15 0.88 0.00	20.49 0.93 0.00	23.04 1.05 0.00	69.26 3.23 0.00	34.71 1.84 0.00	37.18 2.20 0.00	32.68 1.82 0.00	29.63 1.48 0.00	35.19 1.62 0.00	31.35 1.55 0.00	25.74 1.12 0.00
HILLSIDE_115KV_TB1 80332	26.88 -0.64 0.00	30.14 -0.69 0.00	31.09 -0.80 0.00	31.80 -0.79 0.00	40.17 -1.07 0.00	39.42 -0.95 0.00	36.59 -0.47 0.00	36.99 -0.41 0.00	33.48 -0.83 0.00	26.51 -0.62 0.00	23.97 -0.45 0.00	22.11 -0.49 0.00	19.86 -0.52 0.00	17.82 -0.45 0.00	19.00 -0.56 0.00	21.25 -0.74 0.00	63.75 -2.28 0.00	31.78 -1.09 0.00	33.95 -1.03 0.00	29.83 -1.03 0.00	26.92 -1.23 0.00	32.33 -1.25 0.00	28.85 -0.95 0.00	23.89 -0.74 0.00

HISHELDN_WT_PWR 323625	25.45 -2.07 0.00	28.26 -2.56 0.00	29.33 -2.56 0.00	29.84 -2.75 0.00	37.67 -3.58 0.00	36.79 -3.58 0.00	33.44 -3.62 0.00	33.76 -3.64 0.00	30.81 -3.51 0.00	24.87 -2.26 0.00	22.57 -1.85 0.00	20.92 -1.68 0.00	18.75 -1.63 0.00	16.70 -1.56 0.00	17.85 -1.71 0.00	20.22 -1.77 0.00	60.09 -5.93 0.00	29.60 -3.27 0.00	31.32 -3.65 0.00	27.34 -3.53 0.00	24.70 -3.45 0.00	29.63 -3.94 0.00	26.57 -3.23 0.00	22.04 -2.58 0.00
HOLTSVILLE_IC_1 23690	29.02 1.51 0.00	32.15 1.33 0.00	33.11 1.22 0.00	33.83 1.25 0.00	42.53 1.29 0.00	42.01 1.64 0.00	39.34 2.28 0.00	40.12 2.72 0.00	36.31 1.99 0.00	28.36 1.23 0.00	25.79 1.37 0.00	23.94 1.34 0.00	21.49 1.11 0.00	19.34 1.07 0.00	20.72 1.16 0.00	23.39 1.40 0.00	70.40 4.37 0.00	35.32 2.45 0.00	37.92 2.95 0.00	33.42 2.55 0.00	30.29 2.14 0.00	35.83 2.26 0.00	31.74 1.94 0.00	26.07 1.45 0.00
HOLTSVILLE_IC_10 23699	29.17 1.65 0.00	32.29 1.47 0.00	33.24 1.36 0.00	33.97 1.39 0.00	42.71 1.47 0.00	42.20 1.83 0.00	39.53 2.47 0.00	40.31 2.91 0.00	36.48 2.16 0.00	28.48 1.34 0.00	25.89 1.47 0.00	24.03 1.43 0.00	21.57 1.18 0.00	19.40 1.14 0.00	20.79 1.23 0.00	23.48 1.49 0.00	70.73 4.70 0.00	35.52 2.65 0.00	38.16 3.18 0.00	33.61 2.74 0.00	30.45 2.29 0.00	36.02 2.44 0.00	31.87 2.08 0.00	26.18 1.56 0.00
HOLTSVILLE_IC_2 23691	29.02 1.51 0.00	32.15 1.33 0.00	33.11 1.22 0.00	33.83 1.25 0.00	42.53 1.29 0.00	42.01 1.64 0.00	39.34 2.28 0.00	40.12 2.72 0.00	36.31 1.99 0.00	28.36 1.23 0.00	25.79 1.37 0.00	23.94 1.34 0.00	21.49 1.11 0.00	19.34 1.07 0.00	20.72 1.16 0.00	23.39 1.40 0.00	70.40 4.37 0.00	35.32 2.45 0.00	37.92 2.95 0.00	33.42 2.55 0.00	30.29 2.14 0.00	35.83 2.26 0.00	31.74 1.94 0.00	26.07 1.45 0.00
HOLTSVILLE_IC_3 23692	29.02 1.51 0.00	32.15 1.33 0.00	33.11 1.22 0.00	33.83 1.25 0.00	42.53 1.29 0.00	42.01 1.64 0.00	39.34 2.28 0.00	40.12 2.72 0.00	36.31 1.99 0.00	28.36 1.23 0.00	25.79 1.37 0.00	23.94 1.34 0.00	21.49 1.11 0.00	19.34 1.07 0.00	20.72 1.16 0.00	23.39 1.40 0.00	70.40 4.37 0.00	35.32 2.45 0.00	37.92 2.95 0.00	33.42 2.55 0.00	30.29 2.14 0.00	35.83 2.26 0.00	31.74 1.94 0.00	26.07 1.45 0.00
HOLTSVILLE_IC_4 23693	29.02 1.51 0.00	32.15 1.33 0.00	33.11 1.22 0.00	33.83 1.25 0.00	42.53 1.29 0.00	42.01 1.64 0.00	39.34 2.28 0.00	40.12 2.72 0.00	36.31 1.99 0.00	28.36 1.23 0.00	25.79 1.37 0.00	23.94 1.34 0.00	21.49 1.11 0.00	19.34 1.07 0.00	20.72 1.16 0.00	23.39 1.40 0.00	70.40 4.37 0.00	35.32 2.45 0.00	37.92 2.95 0.00	33.42 2.55 0.00	30.29 2.14 0.00	35.83 2.26 0.00	31.74 1.94 0.00	26.07 1.45 0.00
HOLTSVILLE_IC_5 23694	29.02 1.51 0.00	32.15 1.33 0.00	33.11 1.22 0.00	33.83 1.25 0.00	42.53 1.29 0.00	42.01 1.64 0.00	39.34 2.28 0.00	40.12 2.72 0.00	36.31 1.99 0.00	28.36 1.23 0.00	25.79 1.37 0.00	23.94 1.34 0.00	21.49 1.11 0.00	19.34 1.07 0.00	20.72 1.16 0.00	23.39 1.40 0.00	70.40 4.37 0.00	35.32 2.45 0.00	37.92 2.95 0.00	33.42 2.55 0.00	30.29 2.14 0.00	35.83 2.26 0.00	31.74 1.94 0.00	26.07 1.45 0.00
HOLTSVILLE_IC_6 23695	29.17 1.65 0.00	32.29 1.47 0.00	33.24 1.36 0.00	33.97 1.39 0.00	42.71 1.47 0.00	42.20 1.83 0.00	39.53 2.47 0.00	40.31 2.91 0.00	36.48 2.16 0.00	28.48 1.34 0.00	25.89 1.47 0.00	24.03 1.43 0.00	21.57 1.18 0.00	19.40 1.14 0.00	20.79 1.23 0.00	23.48 1.49 0.00	70.73 4.70 0.00	35.52 2.65 0.00	38.16 3.18 0.00	33.61 2.74 0.00	30.45 2.29 0.00	36.02 2.44 0.00	31.87 2.08 0.00	26.18 1.56 0.00
HOLTSVILLE_IC_7 23696	29.17 1.65 0.00	32.29 1.47 0.00	33.24 1.36 0.00	33.97 1.39 0.00	42.71 1.47 0.00	42.20 1.83 0.00	39.53 2.47 0.00	40.31 2.91 0.00	36.48 2.16 0.00	28.48 1.34 0.00	25.89 1.47 0.00	24.03 1.43 0.00	21.57 1.18 0.00	19.40 1.14 0.00	20.79 1.23 0.00	23.48 1.49 0.00	70.73 4.70 0.00	35.52 2.65 0.00	38.16 3.18 0.00	33.61 2.74 0.00	30.45 2.29 0.00	36.02 2.44 0.00	31.87 2.08 0.00	26.18 1.56 0.00
HOLTSVILLE_IC_8 23697	29.17 1.65 0.00	32.29 1.47 0.00	33.24 1.36 0.00	33.97 1.39 0.00	42.71 1.47 0.00	42.20 1.83 0.00	39.53 2.47 0.00	40.31 2.91 0.00	36.48 2.16 0.00	28.48 1.34 0.00	25.89 1.47 0.00	24.03 1.43 0.00	21.57 1.18 0.00	19.40 1.14 0.00	20.79 1.23 0.00	23.48 1.49 0.00	70.73 4.70 0.00	35.52 2.65 0.00	38.16 3.18 0.00	33.61 2.74 0.00	30.45 2.29 0.00	36.02 2.44 0.00	31.87 2.08 0.00	26.18 1.56 0.00
HOLTSVILLE_IC_9 23698	29.17 1.65 0.00	32.29 1.47 0.00	33.24 1.36 0.00	33.97 1.39 0.00	42.71 1.47 0.00	42.20 1.83 0.00	39.53 2.47 0.00	40.31 2.91 0.00	36.48 2.16 0.00	28.48 1.34 0.00	25.89 1.47 0.00	24.03 1.43 0.00	21.57 1.18 0.00	19.40 1.14 0.00	20.79 1.23 0.00	23.48 1.49 0.00	70.73 4.70 0.00	35.52 2.65 0.00	38.16 3.18 0.00	33.61 2.74 0.00	30.45 2.29 0.00	36.02 2.44 0.00	31.87 2.08 0.00	26.18 1.56 0.00
HOMER_HL_115KV_TB2 355744	27.04 -0.47 0.00	30.17 -0.65 0.00	31.30 -0.58 0.00	31.82 -0.76 0.00	39.84 -1.41 0.00	38.86 -1.52 0.00	35.79 -1.27 0.00	36.30 -1.10 0.00	32.85 -1.47 0.00	26.39 -0.75 0.00	24.09 -0.33 0.00	22.37 -0.23 0.00	20.06 -0.32 0.00	17.90 -0.36 0.00	19.05 -0.51 0.00	21.42 -0.57 0.00	63.55 -2.48 0.00	31.25 -1.62 0.00	33.24 -1.75 0.00	29.12 -1.74 0.00	26.31 -1.84 0.00	31.68 -1.89 0.00	28.68 -1.12 0.00	23.75 -0.87 0.00
HOWARD_WT_PWR 323690	26.37 -1.15 0.00	30.47 -0.35 0.00	31.25 -0.64 0.00	31.75 -0.83 0.00	40.72 -0.52 0.00	39.19 -1.18 0.00	36.36 -0.70 0.00	36.87 -0.53 0.00	33.62 -0.70 0.00	26.72 -0.42 0.00	24.06 -0.37 0.00	22.16 -0.44 0.00	19.94 -0.44 0.00	17.86 -0.41 0.00	18.89 -0.67 0.00	21.03 -0.96 0.00	62.43 -3.60 0.00	31.12 -1.75 0.00	33.31 -1.67 0.00	29.06 -1.81 0.00	26.05 -2.10 0.00	31.34 -2.23 0.00	28.30 -1.50 0.00	23.68 -0.95 0.00
HQ_GEN_CEDARS 23644	27.95 0.43 0.00	31.61 0.79 0.00	32.63 0.74 0.00	33.29 0.70 0.00	41.90 0.66 0.00	40.71 0.34 0.00	36.96 -0.09 0.00	37.22 -0.18 0.00	34.59 0.27 0.00	27.56 0.42 0.00	25.02 0.60 0.00	23.17 0.57 0.00	20.85 0.48 0.00	18.69 0.43 0.00	20.01 0.45 0.00	22.56 0.57 0.00	67.22 1.19 0.00	33.12 0.25 0.00	35.03 0.05 0.00	30.97 0.11 0.00	28.48 0.33 0.00	34.06 0.48 0.00	30.32 0.52 0.00	25.16 0.54 0.00
HQ_GEN_CEDARS_PROXY 323590	25.74 0.43 2.21	31.62 0.79 0.00	32.63 0.74 0.00	33.28 0.70 0.00	41.90 0.65 0.00	40.71 0.34 0.00	36.96 -0.09 0.00	37.22 -0.18 0.00	32.84 0.27 1.74	27.42 0.42 0.14	25.02 0.60 0.00	23.17 0.57 0.00	20.85 0.48 0.00	18.69 0.43 0.00	20.01 0.45 0.00	22.56 0.57 0.00	67.22 1.19 0.00	33.09 0.25 0.02	35.03 0.05 0.00	30.97 0.11 0.00	28.48 0.33 0.00	33.66 0.48 0.40	30.74 0.52 -0.43	25.16 0.54 0.00

HQ_GEN_IMPORT 323601	27.64 0.13 0.00	31.12 0.29 0.00	32.15 0.26 0.00	32.83 0.25 0.00	41.55 0.31 0.00	44.16 0.12 -3.67	35.52 -0.22 1.32	34.60 -0.25 2.56	26.23 0.11 8.19	27.36 0.23 0.00	24.65 0.23 0.00	22.83 0.23 0.00	20.57 0.19 0.00	18.43 0.17 0.00	19.75 0.19 0.00	22.23 0.23 0.00	68.64 0.60 -2.01	30.42 0.03 2.47	34.86 -0.12 0.00	30.88 0.02 0.00	28.32 0.17 0.00	33.80 0.22 0.00	29.97 0.17 0.00	24.82 0.19 0.00
HQ_GEN_WHEEL 23651	27.64 0.13 0.00	31.12 0.29 0.00	32.15 0.26 0.00	32.83 0.25 0.00	41.55 0.31 0.00	44.16 0.12 -3.67	35.52 -0.22 1.32	34.60 -0.25 2.56	26.23 0.11 8.19	27.36 0.23 0.00	24.65 0.23 0.00	22.83 0.23 0.00	20.57 0.19 0.00	18.43 0.17 0.00	19.75 0.19 0.00	22.23 0.23 0.00	68.64 0.60 -2.01	30.42 0.03 2.47	34.86 -0.12 0.00	30.88 0.02 0.00	28.32 0.17 0.00	33.80 0.22 0.00	29.97 0.17 0.00	24.82 0.19 0.00
HUDSON AVE_GT_3 23810	28.96 1.44 0.00	32.11 1.28 0.00	33.20 1.31 0.00	33.88 1.30 0.00	42.76 1.52 0.00	42.32 1.95 0.00	39.58 2.52 0.00	40.22 2.82 0.00	36.54 2.22 0.00	28.69 1.55 0.00	25.72 1.30 0.00	23.86 1.25 0.00	21.50 1.12 0.00	19.29 1.03 0.00	20.63 1.07 0.00	23.18 1.19 0.00	69.60 3.57 0.00	34.88 2.02 0.00	37.32 2.35 0.00	32.84 1.98 0.00	29.78 1.63 0.00	35.37 1.80 0.00	31.49 1.69 0.00	25.82 1.19 0.00
HUDSON AVE_GT_4 23540	28.96 1.44 0.00	32.11 1.28 0.00	33.20 1.31 0.00	33.88 1.30 0.00	42.76 1.52 0.00	42.32 1.95 0.00	39.58 2.52 0.00	40.22 2.82 0.00	36.54 2.22 0.00	28.69 1.55 0.00	25.72 1.30 0.00	23.86 1.25 0.00	21.50 1.12 0.00	19.29 1.03 0.00	20.63 1.07 0.00	23.18 1.19 0.00	69.60 3.57 0.00	34.88 2.02 0.00	37.32 2.35 0.00	32.84 1.98 0.00	29.78 1.63 0.00	35.37 1.80 0.00	31.49 1.69 0.00	25.82 1.19 0.00
HUDSON AVE_GT_5 23657	28.96 1.44 0.00	32.11 1.28 0.00	33.20 1.31 0.00	33.88 1.30 0.00	42.76 1.52 0.00	42.32 1.95 0.00	39.58 2.52 0.00	40.22 2.82 0.00	36.54 2.22 0.00	28.69 1.55 0.00	25.72 1.30 0.00	23.86 1.25 0.00	21.50 1.12 0.00	19.29 1.03 0.00	20.63 1.07 0.00	23.18 1.19 0.00	69.60 3.57 0.00	34.88 2.02 0.00	37.32 2.35 0.00	32.84 1.98 0.00	29.78 1.63 0.00	35.37 1.80 0.00	31.49 1.69 0.00	25.82 1.19 0.00
HUDSON_AVE_10 24168	28.79 1.27 0.00	32.01 1.19 0.00	33.12 1.23 0.00	33.84 1.25 0.00	42.73 1.49 0.00	42.20 1.83 0.00	39.48 2.41 0.00	40.14 2.74 0.00	36.47 2.15 0.00	28.64 1.50 0.00	25.66 1.24 0.00	23.80 1.20 0.00	21.46 1.07 0.00	19.26 1.00 0.00	20.59 1.03 0.00	23.13 1.13 0.00	69.45 3.42 0.00	34.82 1.96 0.00	37.24 2.27 0.00	32.77 1.91 0.00	29.73 1.57 0.00	35.32 1.75 0.00	31.42 1.62 0.00	25.77 1.14 0.00
HUDSON___115KV_TB 4 355613	28.71 1.20 0.00	31.98 1.16 0.00	33.17 1.28 0.00	33.93 1.35 0.00	43.01 1.76 0.00	42.28 1.90 0.00	39.14 2.08 0.00	39.43 2.03 0.00	35.78 1.46 0.00	27.91 0.77 0.00	24.89 0.47 0.00	23.04 0.44 0.00	20.77 0.39 0.00	18.62 0.36 0.00	19.97 0.41 0.00	22.52 0.53 0.00	68.29 2.26 0.00	34.40 1.53 0.00	36.89 1.91 0.00	32.47 1.61 0.00	29.47 1.32 0.00	35.12 1.54 0.00	31.07 1.27 0.00	25.55 0.93 0.00
HUNTER MOUNT___DRP 323613	28.90 1.39 0.00	32.18 1.36 0.00	33.40 1.51 0.00	34.16 1.58 0.00	43.32 2.08 0.00	42.56 2.19 0.00	39.40 2.33 0.00	39.66 2.26 0.00	35.96 1.64 0.00	27.99 0.85 0.00	24.93 0.51 0.00	23.05 0.45 0.00	20.80 0.42 0.00	18.64 0.37 0.00	20.00 0.44 0.00	22.57 0.58 0.00	68.66 2.63 0.00	34.62 1.75 0.00	37.15 2.17 0.00	32.69 1.83 0.00	29.65 1.50 0.00	35.34 1.77 0.00	31.23 1.43 0.00	25.69 1.06 0.00
HUNTINGTON_RES_REC 323705	29.15 1.64 0.00	32.31 1.49 0.00	33.29 1.40 0.00	34.02 1.44 0.00	42.77 1.53 0.00	42.27 1.90 0.00	39.58 2.52 0.00	40.26 2.87 0.00	36.51 2.19 0.00	28.57 1.43 0.00	25.82 1.40 0.00	23.95 1.35 0.00	21.52 1.14 0.00	19.35 1.09 0.00	20.75 1.19 0.00	23.42 1.42 0.00	70.43 4.40 0.00	35.30 2.44 0.00	37.92 2.94 0.00	33.36 2.50 0.00	30.25 2.10 0.00	35.83 2.26 0.00	31.76 1.96 0.00	26.07 1.45 0.00
HUNTLEY___63 23557	25.70 -1.82 0.00	28.46 -2.36 0.00	29.48 -2.41 0.00	29.99 -2.59 0.00	37.87 -3.37 0.00	36.97 -3.40 0.00	33.60 -3.46 0.00	33.95 -3.45 0.00	30.90 -3.42 0.00	24.87 -2.27 0.00	22.55 -1.87 0.00	20.86 -1.74 0.00	18.65 -1.73 0.00	16.57 -1.70 0.00	17.75 -1.81 0.00	20.14 -1.85 0.00	60.06 -5.97 0.00	29.62 -3.25 0.00	31.42 -3.56 0.00	27.50 -3.37 0.00	25.00 -3.15 0.00	29.93 -3.65 0.00	26.73 -3.07 0.00	22.18 -2.44 0.00
HUNTLEY___64 23558	25.70 -1.82 0.00	28.46 -2.36 0.00	29.48 -2.41 0.00	29.99 -2.59 0.00	37.87 -3.37 0.00	36.97 -3.40 0.00	33.60 -3.46 0.00	33.95 -3.45 0.00	30.90 -3.42 0.00	24.87 -2.27 0.00	22.55 -1.87 0.00	20.86 -1.74 0.00	18.65 -1.73 0.00	16.57 -1.70 0.00	17.75 -1.81 0.00	20.14 -1.85 0.00	60.06 -5.97 0.00	29.62 -3.25 0.00	31.42 -3.56 0.00	27.50 -3.37 0.00	25.00 -3.15 0.00	29.93 -3.65 0.00	26.73 -3.07 0.00	22.18 -2.44 0.00
HUNTLEY___65 23559	25.70 -1.82 0.00	28.46 -2.36 0.00	29.48 -2.41 0.00	29.99 -2.59 0.00	37.87 -3.37 0.00	36.97 -3.40 0.00	33.60 -3.46 0.00	33.95 -3.45 0.00	30.90 -3.42 0.00	24.87 -2.27 0.00	22.55 -1.87 0.00	20.86 -1.74 0.00	18.65 -1.73 0.00	16.57 -1.70 0.00	17.75 -1.81 0.00	20.14 -1.85 0.00	60.06 -5.97 0.00	29.62 -3.25 0.00	31.42 -3.56 0.00	27.50 -3.37 0.00	25.00 -3.15 0.00	29.93 -3.65 0.00	26.73 -3.07 0.00	22.18 -2.44 0.00
HUNTLEY___66 23560	25.70 -1.82 0.00	28.46 -2.36 0.00	29.48 -2.41 0.00	29.99 -2.59 0.00	37.87 -3.37 0.00	36.97 -3.40 0.00	33.60 -3.46 0.00	33.95 -3.45 0.00	30.90 -3.42 0.00	24.87 -2.27 0.00	22.55 -1.87 0.00	20.86 -1.74 0.00	18.65 -1.73 0.00	16.57 -1.70 0.00	17.75 -1.81 0.00	20.14 -1.85 0.00	60.06 -5.97 0.00	29.62 -3.25 0.00	31.42 -3.56 0.00	27.50 -3.37 0.00	25.00 -3.15 0.00	29.93 -3.65 0.00	26.73 -3.07 0.00	22.18 -2.44 0.00
HUNTLEY___67 23561	25.57 -1.95 0.00	28.34 -2.48 0.00	29.36 -2.52 0.00	29.89 -2.69 0.00	37.73 -3.51 0.00	36.82 -3.55 0.00	33.46 -3.61 0.00	33.82 -3.58 0.00	30.81 -3.51 0.00	24.79 -2.35 0.00	22.50 -1.92 0.00	20.85 -1.75 0.00	18.66 -1.72 0.00	16.61 -1.66 0.00	17.76 -1.80 0.00	20.14 -1.86 0.00	59.93 -6.09 0.00	29.54 -3.33 0.00	31.34 -3.64 0.00	27.42 -3.44 0.00	24.94 -3.22 0.00	29.85 -3.73 0.00	26.70 -3.10 0.00	22.15 -2.47 0.00
HUNTLEY___68 23562	25.57 -1.95 0.00	28.34 -2.48 0.00	29.36 -2.52 0.00	29.89 -2.69 0.00	37.73 -3.51 0.00	36.82 -3.55 0.00	33.46 -3.61 0.00	33.82 -3.58 0.00	30.81 -3.51 0.00	24.79 -2.35 0.00	22.50 -1.92 0.00	20.85 -1.75 0.00	18.66 -1.72 0.00	16.61 -1.66 0.00	17.76 -1.80 0.00	20.14 -1.86 0.00	59.93 -6.09 0.00	29.54 -3.33 0.00	31.34 -3.64 0.00	27.42 -3.44 0.00	24.94 -3.22 0.00	29.85 -3.73 0.00	26.70 -3.10 0.00	22.15 -2.47 0.00

HYLAND___LFGE 323620	27.71 0.20 0.00	31.09 0.27 0.00	32.07 0.18 0.00	32.61 0.03 0.00	41.29 0.05 0.00	39.86 -0.51 0.00	36.54 -0.52 0.00	36.96 -0.44 0.00	32.76 -1.56 0.00	25.50 -1.63 0.00	22.98 -1.44 0.00	21.25 -1.35 0.00	19.53 -0.85 0.00	17.62 -0.65 0.00	18.74 -0.82 0.00	21.04 -0.95 0.00	63.01 -3.02 0.00	31.97 -0.90 0.00	34.60 -0.38 0.00	30.38 -0.48 0.00	27.48 -0.67 0.00	32.85 -0.72 0.00	29.33 -0.47 0.00	24.27 -0.36 0.00
INDECK___CORINTH 23802	28.75 1.23 0.00	32.05 1.23 0.00	33.33 1.44 0.00	34.27 1.69 0.00	43.49 2.25 0.00	42.72 2.35 0.00	39.50 2.44 0.00	39.66 2.26 0.00	36.23 1.91 0.00	28.30 1.16 0.00	25.02 0.60 0.00	23.10 0.50 0.00	20.85 0.48 0.00	18.61 0.35 0.00	19.99 0.43 0.00	22.63 0.63 0.00	68.81 2.78 0.00	34.60 1.73 0.00	37.04 2.07 0.00	32.59 1.73 0.00	29.49 1.33 0.00	35.00 1.43 0.00	30.93 1.13 0.00	25.46 0.84 0.00
INDECK___ILION 23567	27.73 0.22 0.00	31.00 0.17 0.00	32.13 0.24 0.00	32.87 0.29 0.00	41.62 0.38 0.00	40.94 0.57 0.00	37.85 0.79 0.00	38.18 0.78 0.00	34.76 0.44 0.00	27.25 0.11 0.00	24.38 -0.04 0.00	22.57 -0.03 0.00	20.35 -0.03 0.00	18.24 -0.03 0.00	19.54 -0.02 0.00	21.98 -0.01 0.00	66.47 0.44 0.00	33.34 0.47 0.00	35.68 0.70 0.00	31.38 0.52 0.00	28.44 0.29 0.00	33.92 0.35 0.00	30.09 0.29 0.00	24.78 0.16 0.00
INDECK___OLEAN 23982	27.05 -0.47 0.00	30.17 -0.65 0.00	31.30 -0.58 0.00	31.81 -0.77 0.00	39.84 -1.41 0.00	38.86 -1.51 0.00	35.78 -1.28 0.00	36.29 -1.11 0.00	32.84 -1.48 0.00	26.39 -0.75 0.00	24.09 -0.33 0.00	22.37 -0.23 0.00	20.06 -0.32 0.00	17.90 -0.36 0.00	19.05 -0.51 0.00	21.42 -0.57 0.00	63.54 -2.49 0.00	31.24 -1.62 0.00	33.23 -1.75 0.00	29.13 -1.74 0.00	26.31 -1.84 0.00	31.69 -1.89 0.00	28.68 -1.12 0.00	23.75 -0.87 0.00
INDECK___OSWEGO 23783	26.41 -1.10 0.00	29.51 -1.31 0.00	30.53 -1.36 0.00	31.19 -1.40 0.00	39.47 -1.77 0.00	38.71 -1.66 0.00	35.67 -1.39 0.00	35.91 -1.49 0.00	32.77 -1.55 0.00	25.94 -1.20 0.00	23.45 -0.97 0.00	21.69 -0.91 0.00	19.57 -0.81 0.00	17.53 -0.73 0.00	18.75 -0.81 0.00	21.04 -0.96 0.00	62.99 -3.04 0.00	31.48 -1.38 0.00	33.53 -1.45 0.00	29.51 -1.35 0.00	26.87 -1.28 0.00	32.06 -1.51 0.00	28.49 -1.31 0.00	23.59 -1.03 0.00
INDECK___YERKES 23781	25.73 -1.79 0.00	28.50 -2.33 0.00	29.51 -2.38 0.00	30.02 -2.56 0.00	37.92 -3.33 0.00	37.01 -3.36 0.00	33.63 -3.43 0.00	33.99 -3.41 0.00	30.93 -3.39 0.00	24.89 -2.24 0.00	22.58 -1.84 0.00	20.89 -1.71 0.00	18.67 -1.71 0.00	16.59 -1.68 0.00	17.77 -1.79 0.00	20.16 -1.83 0.00	60.13 -5.90 0.00	29.66 -3.21 0.00	31.46 -3.52 0.00	27.53 -3.33 0.00	25.03 -3.13 0.00	29.97 -3.61 0.00	26.76 -3.04 0.00	22.21 -2.41 0.00
INDIAN POINT_GT_1 24139	28.71 1.19 0.00	31.95 1.12 0.00	33.06 1.17 0.00	33.80 1.21 0.00	42.72 1.48 0.00	42.15 1.78 0.00	39.32 2.26 0.00	39.92 2.52 0.00	36.21 1.90 0.00	28.40 1.26 0.00	25.48 1.07 0.00	23.61 1.02 0.00	21.28 0.90 0.00	19.10 0.84 0.00	20.45 0.89 0.00	22.99 1.00 0.00	69.13 3.10 0.00	34.67 1.80 0.00	37.13 2.15 0.00	32.65 1.79 0.00	29.61 1.46 0.00	35.19 1.61 0.00	31.32 1.52 0.00	25.71 1.09 0.00
INDIAN POINT_GT_2 23659	28.71 1.19 0.00	31.95 1.12 0.00	33.06 1.17 0.00	33.80 1.21 0.00	42.72 1.48 0.00	42.15 1.78 0.00	39.32 2.26 0.00	39.92 2.52 0.00	36.21 1.90 0.00	28.40 1.26 0.00	25.48 1.07 0.00	23.61 1.02 0.00	21.28 0.90 0.00	19.10 0.84 0.00	20.45 0.89 0.00	22.99 1.00 0.00	69.13 3.10 0.00	34.67 1.80 0.00	37.13 2.15 0.00	32.65 1.79 0.00	29.61 1.46 0.00	35.19 1.61 0.00	31.32 1.52 0.00	25.71 1.09 0.00
INDIAN POINT_GT_3 24019	28.71 1.19 0.00	31.95 1.12 0.00	33.06 1.17 0.00	33.80 1.21 0.00	42.72 1.48 0.00	42.15 1.78 0.00	39.32 2.26 0.00	39.92 2.52 0.00	36.21 1.90 0.00	28.40 1.26 0.00	25.48 1.07 0.00	23.61 1.02 0.00	21.28 0.90 0.00	19.10 0.84 0.00	20.45 0.89 0.00	22.99 1.00 0.00	69.13 3.10 0.00	34.67 1.80 0.00	37.13 2.15 0.00	32.65 1.79 0.00	29.61 1.46 0.00	35.19 1.61 0.00	31.32 1.52 0.00	25.71 1.09 0.00
INDIAN POINT___2 23530	28.68 1.16 0.00	31.92 1.10 0.00	33.03 1.14 0.00	33.77 1.19 0.00	42.69 1.45 0.00	42.12 1.75 0.00	39.28 2.22 0.00	39.88 2.48 0.00	36.16 1.85 0.00	28.36 1.23 0.00	25.47 1.05 0.00	23.60 1.00 0.00	21.27 0.89 0.00	19.09 0.83 0.00	20.43 0.88 0.00	22.97 0.98 0.00	69.07 3.04 0.00	34.63 1.77 0.00	37.09 2.11 0.00	32.61 1.75 0.00	29.58 1.42 0.00	35.14 1.56 0.00	31.29 1.49 0.00	25.69 1.06 0.00
INDIAN POINT___3 23531	28.69 1.18 0.00	31.93 1.11 0.00	33.05 1.16 0.00	33.78 1.20 0.00	42.72 1.47 0.00	42.14 1.76 0.00	39.29 2.23 0.00	39.89 2.49 0.00	36.19 1.87 0.00	28.38 1.24 0.00	25.47 1.06 0.00	23.60 1.00 0.00	21.27 0.89 0.00	19.09 0.83 0.00	20.44 0.88 0.00	22.98 0.98 0.00	69.09 3.07 0.00	34.64 1.78 0.00	37.11 2.13 0.00	32.63 1.77 0.00	29.59 1.44 0.00	35.16 1.58 0.00	31.30 1.50 0.00	25.70 1.07 0.00
INGHAM_C_115KV_TB7 356103	27.67 0.15 0.00	30.91 0.09 0.00	32.09 0.20 0.00	32.88 0.29 0.00	41.66 0.42 0.00	41.15 0.78 0.00	38.28 1.22 0.00	38.61 1.21 0.00	34.89 0.57 0.00	27.13 0.00 0.00	24.16 -0.26 0.00	22.39 -0.21 0.00	20.16 -0.22 0.00	18.06 -0.20 0.00	19.37 -0.19 0.00	21.81 -0.18 0.00	66.43 0.40 0.00	33.54 0.67 0.00	36.09 1.11 0.00	31.68 0.81 0.00	28.53 0.37 0.00	34.04 0.47 0.00	30.17 0.37 0.00	24.77 0.15 0.00
IP CORINTH___1 23988	28.75 1.23 0.00	32.05 1.23 0.00	33.33 1.44 0.00	34.27 1.69 0.00	43.49 2.25 0.00	42.72 2.35 0.00	39.50 2.44 0.00	39.66 2.26 0.00	36.23 1.91 0.00	28.30 1.16 0.00	25.02 0.60 0.00	23.10 0.50 0.00	20.86 0.48 0.00	18.61 0.35 0.00	19.99 0.43 0.00	22.63 0.63 0.00	68.81 2.78 0.00	34.60 1.74 0.00	37.05 2.07 0.00	32.59 1.73 0.00	29.49 1.34 0.00	35.00 1.43 0.00	30.93 1.13 0.00	25.46 0.84 0.00
IP___TICONDEROGA 23804	29.74 2.22 0.00	33.17 2.35 0.00	34.75 2.86 0.00	35.82 3.23 0.00	45.53 4.29 0.00	44.59 4.22 0.00	41.08 4.02 0.00	40.77 3.38 0.00	37.38 3.06 0.00	29.00 1.86 0.00	25.56 1.14 0.00	23.61 1.01 0.00	21.36 0.98 0.00	19.09 0.83 0.00	20.65 1.09 0.00	23.60 1.61 0.00	72.35 6.31 0.00	36.38 3.51 0.00	39.00 4.02 0.00	34.28 3.41 0.00	30.68 2.53 0.00	36.02 2.45 0.00	31.71 1.91 0.00	26.22 1.60 0.00
ISLIP_RES_REC 323679	29.29 1.77 0.00	32.41 1.59 0.00	33.37 1.48 0.00	34.11 1.52 0.00	42.88 1.63 0.00	42.38 2.01 0.00	39.71 2.65 0.00	40.49 3.09 0.00	36.63 2.31 0.00	28.59 1.45 0.00	25.98 1.57 0.00	24.11 1.51 0.00	21.64 1.26 0.00	19.47 1.20 0.00	20.86 1.30 0.00	23.58 1.58 0.00	71.05 5.02 0.00	35.69 2.82 0.00	38.34 3.36 0.00	33.76 2.90 0.00	30.59 2.43 0.00	36.16 2.59 0.00	32.00 2.20 0.00	26.28 1.65 0.00

JAMAICA__27_KV_LOAD 355505	28.98 1.46 0.00	32.24 1.42 0.00	33.34 1.45 0.00	34.04 1.46 0.00	42.96 1.72 0.00	42.50 2.13 0.00	39.82 2.76 0.00	40.58 3.18 0.00	36.86 2.54 0.00	28.94 1.81 0.00	25.92 1.50 0.00	24.03 1.43 0.00	21.66 1.28 0.00	19.48 1.21 0.00	20.79 1.23 0.00	23.35 1.35 0.00	70.14 4.11 0.00	35.21 2.34 0.00	37.65 2.67 0.00	33.09 2.23 0.00	30.04 1.88 0.00	35.71 2.14 0.00	31.74 1.95 0.00	25.99 1.36 0.00
JANIS__SOLAR 323808	28.61 1.09 0.00	32.15 1.33 0.00	33.10 1.21 0.00	33.88 1.29 0.00	42.99 1.75 0.00	42.27 1.90 0.00	39.26 2.20 0.00	39.48 2.08 0.00	35.49 1.17 0.00	27.72 0.58 0.00	24.90 0.48 0.00	22.86 0.26 0.00	20.46 0.08 0.00	18.28 0.01 0.00	19.61 0.06 0.00	22.13 0.14 0.00	67.47 1.44 0.00	33.92 1.05 0.00	36.19 1.21 0.00	31.63 0.77 0.00	28.60 0.45 0.00	34.11 0.53 0.00	30.37 0.57 0.00	25.14 0.52 0.00
JARVIS____ 23743	27.65 0.13 0.00	30.92 0.10 0.00	32.02 0.13 0.00	32.72 0.13 0.00	41.42 0.18 0.00	40.63 0.26 0.00	37.39 0.33 0.00	37.70 0.30 0.00	34.49 0.17 0.00	27.20 0.06 0.00	24.44 0.02 0.00	22.62 0.02 0.00	20.40 0.02 0.00	18.29 0.03 0.00	19.59 0.03 0.00	22.02 0.03 0.00	66.19 0.16 0.00	33.05 0.19 0.00	35.26 0.28 0.00	31.05 0.18 0.00	28.26 0.10 0.00	33.68 0.11 0.00	29.89 0.09 0.00	24.68 0.06 0.00
JENNISON____1 23625	28.30 0.78 0.00	32.16 1.34 0.00	32.92 1.03 0.00	33.81 1.23 0.00	43.19 1.95 0.00	42.31 1.94 0.00	39.23 2.17 0.00	39.43 2.04 0.00	35.85 1.53 0.00	28.28 1.14 0.00	25.42 1.00 0.00	23.35 0.75 0.00	20.97 0.59 0.00	18.72 0.46 0.00	20.01 0.45 0.00	22.40 0.41 0.00	68.21 2.18 0.00	33.92 1.05 0.00	36.05 1.07 0.00	31.43 0.56 0.00	28.31 0.15 0.00	33.81 0.24 0.00	30.28 0.47 0.00	25.26 0.63 0.00
JENNISON____2 23626	28.30 0.78 0.00	32.16 1.34 0.00	32.92 1.03 0.00	33.81 1.23 0.00	43.19 1.95 0.00	42.31 1.94 0.00	39.23 2.17 0.00	39.43 2.04 0.00	35.85 1.53 0.00	28.28 1.14 0.00	25.42 1.00 0.00	23.35 0.75 0.00	20.97 0.59 0.00	18.72 0.46 0.00	20.01 0.45 0.00	22.40 0.41 0.00	68.21 2.18 0.00	33.92 1.05 0.00	36.05 1.07 0.00	31.43 0.56 0.00	28.31 0.15 0.00	33.81 0.24 0.00	30.28 0.47 0.00	25.26 0.63 0.00
JERICOHO_RISE_WT_PWR 323719	28.15 0.63 0.00	31.59 0.77 0.00	32.39 0.49 0.00	32.94 0.36 0.00	42.10 0.86 0.00	41.06 0.69 0.00	37.54 0.48 0.00	37.68 0.28 0.00	35.17 0.85 0.00	27.94 0.81 0.00	25.20 0.78 0.00	23.21 0.62 0.00	20.92 0.54 0.00	18.87 0.61 0.00	20.29 0.74 0.00	22.71 0.71 0.00	68.19 2.16 0.00	33.74 0.87 0.00	35.59 0.61 0.00	31.22 0.36 0.00	28.37 0.22 0.00	33.98 0.40 0.00	29.71 -0.09 0.00	24.89 0.27 0.00
KATONAH__115KV_46KV_TB4 355592	28.93 1.41 0.00	32.18 1.36 0.00	33.30 1.41 0.00	34.04 1.46 0.00	43.05 1.81 0.00	42.49 2.12 0.00	39.63 2.56 0.00	40.22 2.82 0.00	36.50 2.18 0.00	28.62 1.48 0.00	25.65 1.23 0.00	23.74 1.15 0.00	21.40 1.02 0.00	19.19 0.93 0.00	20.55 1.00 0.00	23.11 1.12 0.00	69.55 3.52 0.00	34.91 2.04 0.00	37.41 2.43 0.00	32.91 2.05 0.00	29.84 1.69 0.00	35.46 1.88 0.00	31.52 1.72 0.00	25.86 1.24 0.00
KCE_NY_1 323755	28.69 1.18 0.00	32.02 1.20 0.00	33.23 1.34 0.00	34.02 1.44 0.00	43.16 1.92 0.00	42.40 2.03 0.00	39.18 2.12 0.00	39.44 2.04 0.00	35.93 1.61 0.00	28.11 0.97 0.00	25.01 0.59 0.00	23.09 0.49 0.00	20.87 0.50 0.00	18.67 0.41 0.00	20.05 0.49 0.00	22.64 0.65 0.00	68.75 2.72 0.00	34.52 1.65 0.00	36.90 1.93 0.00	32.48 1.62 0.00	29.44 1.29 0.00	35.07 1.49 0.00	31.04 1.24 0.00	25.57 0.94 0.00
KCE_NY_6_ESR 323823	25.96 -1.55 0.00	28.83 -2.00 0.00	29.88 -2.01 0.00	30.41 -2.17 0.00	38.36 -2.89 0.00	37.45 -2.92 0.00	34.10 -2.97 0.00	34.49 -2.91 0.00	31.41 -2.91 0.00	25.25 -1.89 0.00	22.92 -1.50 0.00	21.23 -1.37 0.00	19.01 -1.37 0.00	16.93 -1.34 0.00	18.09 -1.46 0.00	20.49 -1.51 0.00	61.03 -5.00 0.00	30.07 -2.79 0.00	31.89 -3.09 0.00	27.91 -2.95 0.00	25.33 -2.82 0.00	30.35 -3.22 0.00	27.16 -2.64 0.00	22.52 -2.11 0.00
KEDC_PORT_JEFF_GT2 24210	29.12 1.60 0.00	32.24 1.42 0.00	33.20 1.31 0.00	33.93 1.34 0.00	42.66 1.42 0.00	42.15 1.78 0.00	39.47 2.41 0.00	40.25 2.85 0.00	36.43 2.11 0.00	28.45 1.32 0.00	25.86 1.44 0.00	23.99 1.39 0.00	21.54 1.16 0.00	19.38 1.12 0.00	20.77 1.21 0.00	23.45 1.46 0.00	70.62 4.59 0.00	35.45 2.58 0.00	38.09 3.11 0.00	33.54 2.67 0.00	30.40 2.25 0.00	35.95 2.38 0.00	31.83 2.03 0.00	26.15 1.52 0.00
KEDC_PORT_JEFF_GT3 24211	29.12 1.60 0.00	32.24 1.42 0.00	33.20 1.31 0.00	33.93 1.34 0.00	42.66 1.42 0.00	42.15 1.78 0.00	39.47 2.41 0.00	40.25 2.85 0.00	36.43 2.11 0.00	28.45 1.32 0.00	25.86 1.44 0.00	23.99 1.39 0.00	21.54 1.16 0.00	19.38 1.12 0.00	20.77 1.21 0.00	23.45 1.46 0.00	70.62 4.59 0.00	35.45 2.58 0.00	38.09 3.11 0.00	33.54 2.67 0.00	30.40 2.25 0.00	35.95 2.38 0.00	31.83 2.03 0.00	26.15 1.52 0.00
KEDC_GLWD_GT4 24219	29.36 1.85 0.00	32.59 1.77 0.00	33.63 1.74 0.00	34.36 1.78 0.00	43.31 2.07 0.00	42.80 2.43 0.00	40.03 2.97 0.00	40.68 3.28 0.00	36.95 2.63 0.00	28.98 1.84 0.00	26.08 1.66 0.00	24.17 1.57 0.00	21.76 1.37 0.00	19.54 1.27 0.00	20.94 1.38 0.00	23.61 1.61 0.00	70.81 4.78 0.00	35.14 2.28 0.00	37.78 2.80 0.00	33.21 2.35 0.00	30.13 1.98 0.00	35.89 2.31 0.00	32.00 2.20 0.00	26.24 1.62 0.00
KEDC_GLWD_GT5 24220	29.36 1.85 0.00	32.59 1.77 0.00	33.63 1.74 0.00	34.36 1.78 0.00	43.31 2.07 0.00	42.80 2.43 0.00	40.03 2.97 0.00	40.68 3.28 0.00	36.95 2.63 0.00	28.98 1.84 0.00	26.08 1.66 0.00	24.17 1.57 0.00	21.76 1.37 0.00	19.54 1.27 0.00	20.94 1.38 0.00	23.61 1.61 0.00	70.81 4.78 0.00	35.14 2.28 0.00	37.78 2.80 0.00	33.21 2.35 0.00	30.13 1.98 0.00	35.89 2.31 0.00	32.00 2.20 0.00	26.24 1.62 0.00
KENSICO____ 23655	28.77 1.25 0.00	32.01 1.18 0.00	33.12 1.23 0.00	33.86 1.27 0.00	42.79 1.54 0.00	42.22 1.85 0.00	39.40 2.33 0.00	40.00 2.60 0.00	36.31 1.99 0.00	28.49 1.35 0.00	25.55 1.13 0.00	23.68 1.08 0.00	21.34 0.96 0.00	19.15 0.89 0.00	20.50 0.95 0.00	23.05 1.06 0.00	69.30 3.27 0.00	34.75 1.89 0.00	37.22 2.24 0.00	32.73 1.87 0.00	29.69 1.53 0.00	35.26 1.69 0.00	31.38 1.58 0.00	25.76 1.14 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.08 1.56 0.00	32.48 1.66 0.00	33.63 1.74 0.00	34.37 1.79 0.00	43.53 2.29 0.00	42.97 2.60 0.00	40.06 2.99 0.00	40.63 3.23 0.00	36.69 2.37 0.00	28.67 1.53 0.00	25.65 1.23 0.00	23.65 1.05 0.00	21.13 0.75 0.00	18.91 0.65 0.00	20.22 0.66 0.00	22.79 0.80 0.00	68.94 2.91 0.00	34.70 1.84 0.00	37.20 2.22 0.00	32.77 1.91 0.00	29.97 1.82 0.00	35.59 2.02 0.00	31.65 1.85 0.00	25.98 1.36 0.00

KLAC_JFK_GT1 23816	28.87 1.36 0.00	32.12 1.29 0.00	33.22 1.33 0.00	33.92 1.34 0.00	42.82 1.57 0.00	42.32 1.94 0.00	39.60 2.54 0.00	40.35 2.95 0.00	36.67 2.36 0.00	28.80 1.66 0.00	25.80 1.37 0.00	23.92 1.32 0.00	21.57 1.18 0.00	19.38 1.12 0.00	20.70 1.14 0.00	23.24 1.25 0.00	69.81 3.78 0.00	35.02 2.16 0.00	37.44 2.46 0.00	32.92 2.06 0.00	29.88 1.72 0.00	35.52 1.95 0.00	31.59 1.79 0.00	25.89 1.27 0.00
KIAC_JFK_GT2 23817	28.87 1.36 0.00	32.12 1.29 0.00	33.22 1.33 0.00	33.92 1.34 0.00	42.82 1.57 0.00	42.32 1.94 0.00	39.60 2.54 0.00	40.35 2.95 0.00	36.67 2.36 0.00	28.80 1.66 0.00	25.80 1.37 0.00	23.92 1.32 0.00	21.57 1.18 0.00	19.38 1.12 0.00	20.70 1.14 0.00	23.24 1.25 0.00	69.81 3.78 0.00	35.02 2.16 0.00	37.44 2.46 0.00	32.92 2.06 0.00	29.88 1.72 0.00	35.52 1.95 0.00	31.59 1.79 0.00	25.89 1.27 0.00
KIAC_JFK____ 323774	28.87 1.36 0.00	32.12 1.30 0.00	33.22 1.33 0.00	33.92 1.33 0.00	42.81 1.57 0.00	42.32 1.94 0.00	39.61 2.54 0.00	40.35 2.96 0.00	36.68 2.36 0.00	28.80 1.66 0.00	25.80 1.37 0.00	23.92 1.32 0.00	21.56 1.18 0.00	19.39 1.12 0.00	20.70 1.14 0.00	23.24 1.25 0.00	69.81 3.78 0.00	35.03 2.16 0.00	37.44 2.46 0.00	32.92 2.06 0.00	29.88 1.72 0.00	35.52 1.95 0.00	31.59 1.79 0.00	25.89 1.27 0.00
KINTIGH____ 23543	25.55 -1.97 0.00	28.36 -2.46 0.00	29.37 -2.52 0.00	29.92 -2.66 0.00	37.76 -3.48 0.00	36.85 -3.52 0.00	33.57 -3.49 0.00	33.94 -3.45 0.00	30.92 -3.41 0.00	24.79 -2.34 0.00	22.50 -1.92 0.00	20.85 -1.75 0.00	18.69 -1.69 0.00	16.64 -1.62 0.00	17.80 -1.76 0.00	20.15 -1.84 0.00	60.10 -5.93 0.00	29.68 -3.19 0.00	31.51 -3.47 0.00	27.62 -3.24 0.00	25.13 -3.02 0.00	30.06 -3.51 0.00	26.86 -2.94 0.00	22.26 -2.36 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.58 1.06 0.00	32.05 1.22 0.00	32.87 0.98 0.00	33.42 0.83 0.00	42.73 1.48 0.00	41.72 1.35 0.00	38.23 1.17 0.00	38.25 0.85 0.00	35.70 1.38 0.00	28.38 1.24 0.00	25.56 1.14 0.00	23.53 0.92 0.00	21.23 0.85 0.00	19.14 0.88 0.00	20.61 1.06 0.00	23.06 1.07 0.00	69.35 3.32 0.00	34.39 1.52 0.00	36.32 1.34 0.00	31.82 0.96 0.00	28.86 0.71 0.00	34.53 0.95 0.00	30.11 0.31 0.00	25.29 0.67 0.00
LACHUTE__HYDRO 323717	29.74 2.22 0.00	33.17 2.35 0.00	34.75 2.86 0.00	35.82 3.24 0.00	45.53 4.29 0.00	44.59 4.22 0.00	41.08 4.02 0.00	40.77 3.38 0.00	37.38 3.06 0.00	29.00 1.86 0.00	25.56 1.14 0.00	23.60 1.01 0.00	21.36 0.98 0.00	19.09 0.83 0.00	20.65 1.09 0.00	23.60 1.61 0.00	72.34 6.31 0.00	36.38 3.51 0.00	39.00 4.02 0.00	34.28 3.41 0.00	30.68 2.53 0.00	36.02 2.45 0.00	31.71 1.91 0.00	26.22 1.60 0.00
LAWRNCV_115KV_TB1 80681	27.91 0.39 0.00	31.54 0.72 0.00	32.55 0.66 0.00	33.20 0.61 0.00	41.83 0.59 0.00	40.45 0.08 0.00	36.76 -0.30 0.00	36.97 -0.43 0.00	34.31 -0.01 0.00	27.41 0.27 0.00	24.98 0.56 0.00	23.07 0.47 0.00	20.73 0.35 0.00	18.61 0.35 0.00	19.91 0.35 0.00	22.45 0.45 0.00	66.97 0.95 0.00	32.90 0.04 0.00	34.80 -0.18 0.00	30.72 -0.14 0.00	28.31 0.15 0.00	33.94 0.37 0.00	30.17 0.37 0.00	25.09 0.47 0.00
LEDERLE____ 23769	28.80 1.28 0.00	32.06 1.24 0.00	33.18 1.29 0.00	33.91 1.33 0.00	42.88 1.65 0.00	42.31 1.94 0.00	39.47 2.41 0.00	40.07 2.67 0.00	36.32															

LI_NEWBRDGE___DRP 323616	28.98 1.46 0.00	32.17 1.35 0.00	33.20 1.31 0.00	33.92 1.34 0.00	42.74 1.50 0.00	42.23 1.85 0.00	39.46 2.40 0.00	40.11 2.72 0.00	36.43 2.11 0.00	28.57 1.43 0.00	25.71 1.30 0.00	23.84 1.24 0.00	21.45 1.07 0.00	19.27 1.01 0.00	20.65 1.09 0.00	23.27 1.28 0.00	69.82 3.79 0.00	34.93 2.06 0.00	37.51 2.53 0.00	33.00 2.14 0.00	29.94 1.78 0.00	35.52 1.95 0.00	31.56 1.76 0.00	25.91 1.28 0.00
LOCKPORT_115KV_TB60_63_64 80432	25.47 -2.04 0.00	28.22 -2.60 0.00	29.23 -2.66 0.00	29.75 -2.84 0.00	37.58 -3.66 0.00	36.67 -3.71 0.00	33.29 -3.77 0.00	33.65 -3.75 0.00	30.61 -3.71 0.00	24.60 -2.54 0.00	22.31 -2.11 0.00	20.65 -1.95 0.00	18.46 -1.92 0.00	16.40 -1.86 0.00	17.55 -2.00 0.00	19.93 -2.06 0.00	59.50 -6.53 0.00	29.37 -3.50 0.00	31.17 -3.81 0.00	27.28 -3.58 0.00	24.82 -3.34 0.00	29.68 -3.89 0.00	26.51 -3.29 0.00	22.01 -2.61 0.00
LOCKPORT___CC1 323769	25.46 -2.06 0.00	28.20 -2.63 0.00	29.20 -2.69 0.00	29.72 -2.86 0.00	37.54 -3.70 0.00	36.63 -3.74 0.00	33.24 -3.82 0.00	33.60 -3.80 0.00	30.58 -3.74 0.00	24.59 -2.55 0.00	22.31 -2.11 0.00	20.65 -1.95 0.00	18.48 -1.90 0.00	16.41 -1.85 0.00	17.57 -1.99 0.00	19.94 -2.05 0.00	59.50 -6.53 0.00	29.35 -3.52 0.00	31.13 -3.85 0.00	27.25 -3.61 0.00	24.78 -3.37 0.00	29.67 -3.91 0.00	26.49 -3.31 0.00	22.01 -2.62 0.00
LOCKPORT___CC2 323770	25.46 -2.06 0.00	28.20 -2.63 0.00	29.20 -2.69 0.00	29.72 -2.86 0.00	37.54 -3.70 0.00	36.63 -3.74 0.00	33.24 -3.82 0.00	33.60 -3.80 0.00	30.58 -3.74 0.00	24.59 -2.55 0.00	22.31 -2.11 0.00	20.65 -1.95 0.00	18.48 -1.90 0.00	16.41 -1.85 0.00	17.57 -1.99 0.00	19.94 -2.05 0.00	59.50 -6.53 0.00	29.35 -3.52 0.00	31.13 -3.85 0.00	27.25 -3.61 0.00	24.78 -3.37 0.00	29.67 -3.91 0.00	26.49 -3.31 0.00	22.01 -2.62 0.00
LOCKPORT___CC3 323771	25.46 -2.06 0.00	28.20 -2.63 0.00	29.20 -2.69 0.00	29.72 -2.86 0.00	37.54 -3.70 0.00	36.63 -3.74 0.00	33.24 -3.82 0.00	33.60 -3.80 0.00	30.58 -3.74 0.00	24.59 -2.55 0.00	22.31 -2.11 0.00	20.65 -1.95 0.00	18.48 -1.90 0.00	16.41 -1.85 0.00	17.57 -1.99 0.00	19.94 -2.05 0.00	59.50 -6.53 0.00	29.35 -3.52 0.00	31.13 -3.85 0.00	27.25 -3.61 0.00	24.78 -3.37 0.00	29.67 -3.91 0.00	26.49 -3.31 0.00	22.01 -2.62 0.00
LONG_LAKE_PHOENIX 24014	26.49 -1.03 0.00	29.58 -1.24 0.00	30.59 -1.30 0.00	31.26 -1.33 0.00	39.55 -1.69 0.00	38.81 -1.57 0.00	35.78 -1.28 0.00	36.12 -1.28 0.00	32.96 -1.36 0.00	26.09 -1.04 0.00	23.57 -0.85 0.00	21.78 -0.82 0.00	19.62 -0.76 0.00	17.58 -0.68 0.00	18.78 -0.78 0.00	21.10 -0.90 0.00	63.27 -2.76 0.00	31.65 -1.22 0.00	33.72 -1.26 0.00	29.66 -1.20 0.00	27.00 -1.16 0.00	32.22 -1.36 0.00	28.62 -1.18 0.00	23.68 -0.94 0.00
LOVETT___3 23632	28.67 1.15 0.00	31.92 1.09 0.00	33.03 1.14 0.00	33.77 1.18 0.00	42.69 1.45 0.00	42.12 1.75 0.00	39.28 2.22 0.00	39.87 2.47 0.00	36.14 1.82 0.00	28.35 1.21 0.00	25.46 1.04 0.00	23.60 1.00 0.00	21.26 0.88 0.00	19.09 0.83 0.00	20.43 0.87 0.00	22.97 0.98 0.00	69.04 3.01 0.00	34.61 1.75 0.00	37.08 2.10 0.00	32.61 1.75 0.00	29.56 1.41 0.00	35.12 1.55 0.00	31.28 1.48 0.00	25.68 1.06 0.00
LOVETT___4 23642	28.67 1.15 0.00	31.92 1.09 0.00	33.03 1.14 0.00	33.77 1.18 0.00	42.69 1.45 0.00	42.12 1.75 0.00	39.28 2.22 0.00	39.87 2.47 0.00	36.14 1.82 0.00	28.35 1.21 0.00	25.46 1.04 0.00	23.60 1.00 0.00	21.26 0.88 0.00	19.09 0.83 0.00	20.43 0.87 0.00	22.97 0.98 0.00	69.04 3.01 0.00	34.61 1.75 0.00	37.08 2.10 0.00	32.61 1.75 0.00	29.56 1.41 0.00	35.12 1.55 0.00	31.28 1.48 0.00	25.68 1.06 0.00
LOVETT___5 23593	28.67 1.15 0.00	31.92 1.09 0.00	33.03 1.14 0.00	33.77 1.18 0.00	42.69 1.45 0.00	42.12 1.75 0.00	39.28 2.22 0.00	39.87 2.47 0.00	36.14 1.82 0.00	28.35 1.21 0.00	25.46 1.04 0.00	23.60 1.00 0.00	21.26 0.88 0.00	19.09 0.83 0.00	20.43 0.87 0.00	22.97 0.98 0.00	69.04 3.01 0.00	34.61 1.75 0.00	37.08 2.10 0.00	32.61 1.75 0.00	29.56 1.41 0.00	35.12 1.55 0.00	31.28 1.48 0.00	25.68 1.06 0.00
LOWER RAQUET___HYD 24057	27.90 0.38 0.00	31.51 0.69 0.00	32.52 0.63 0.00	33.16 0.58 0.00	41.80 0.56 0.00	40.37 0.00 0.00	36.71 -0.35 0.00	36.89 -0.51 0.00	34.23 -0.09 0.00	27.36 0.23 0.00	24.96 0.54 0.00	23.04 0.44 0.00	20.69 0.31 0.00	18.59 0.32 0.00	19.88 0.32 0.00	22.42 0.42 0.00	66.87 0.84 0.00	32.83 -0.04 0.00	34.73 -0.25 0.00	30.64 -0.22 0.00	28.25 0.10 0.00	33.91 0.33 0.00	30.12 0.32 0.00	25.07 0.45 0.00
LOWER___HUDSON 24059	28.34 0.82 0.00	31.59 0.77 0.00	32.82 0.93 0.00	33.59 1.01 0.00	42.59 1.35 0.00	41.82 1.45 0.00	38.65 1.59 0.00	38.93 1.53 0.00	35.48 1.16 0.00	27.77 0.63 0.00	24.76 0.34 0.00	22.89 0.30 0.00	20.69 0.31 0.00	18.54 0.27 0.00	19.91 0.35 0.00	22.42 0.43 0.00	67.70 1.67 0.00	34.01 1.15 0.00	36.39 1.42 0.00	32.04 1.18 0.00	29.08 0.93 0.00	34.71 1.13 0.00	30.73 0.93 0.00	25.29 0.67 0.00
LOWVILLE_115KV_TB2 356335	27.97 0.46 0.00	31.39 0.56 0.00	32.46 0.56 0.00	33.14 0.55 0.00	41.98 0.73 0.00	41.12 0.75 0.00	37.80 0.74 0.00	37.59 0.19 0.00	34.16 -0.15 0.00	26.94 -0.20 0.00	24.19 -0.22 0.00	22.03 -0.57 0.00	19.90 -0.48 0.00	17.92 -0.35 0.00	19.05 -0.50 0.00	21.53 -0.47 0.00	65.28 -0.75 0.00	33.04 0.18 0.00	35.04 0.06 0.00	30.38 -0.48 0.00	27.25 -0.90 0.00	32.48 -1.10 0.00	28.89 -0.91 0.00	23.89 -0.73 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.69 1.17 0.00	32.00 1.18 0.00	33.22 1.33 0.00	34.03 1.45 0.00	43.15 1.91 0.00	42.40 2.03 0.00	39.18 2.12 0.00	39.43 2.04 0.00	35.95 1.63 0.00	28.12 0.98 0.00	25.02 0.60 0.00	23.11 0.51 0.00	20.88 0.50 0.00	18.68 0.41 0.00	20.06 0.50 0.00	22.65 0.66 0.00	68.69 2.66 0.00	34.50 1.63 0.00	36.89 1.91 0.00	32.47 1.61 0.00	29.45 1.30 0.00	35.07 1.49 0.00	31.04 1.24 0.00	25.55 0.93 0.00
LUTHERNY_35_KV_BK2 355980	28.69 1.18 0.00	32.02 1.20 0.00	33.23 1.34 0.00	34.02 1.44 0.00	43.15 1.91 0.00	42.40 2.03 0.00	39.18 2.11 0.00	39.44 2.04 0.00	35.93 1.61 0.00	28.11 0.97 0.00	25.01 0.59 0.00	23.09 0.49 0.00	20.88 0.50 0.00	18.67 0.41 0.00	20.05 0.49 0.00	22.64 0.65 0.00	68.75 2.72 0.00	34.52 1.65 0.00	36.90 1.92 0.00	32.49 1.62 0.00	29.44 1.29 0.00	35.07 1.49 0.00	31.04 1.24 0.00	25.57 0.94 0.00
LWR___OSWEGATCHIE_HYD 23850	27.73 0.21 0.00	31.21 0.38 0.00	32.24 0.35 0.00	32.89 0.31 0.00	41.56 0.32 0.00	40.41 0.04 0.00	36.97 -0.09 0.00	36.95 -0.45 0.00	33.92 -0.40 0.00	26.90 -0.24 0.00	24.37 -0.05 0.00	22.32 -0.28 0.00	20.11 -0.27 0.00	18.07 -0.19 0.00	19.27 -0.28 0.00	21.76 -0.24 0.00	65.47 -0.55 0.00	32.66 -0.21 0.00	34.61 -0.37 0.00	30.27 -0.59 0.00	27.56 -0.59 0.00	32.97 -0.61 0.00	29.29 -0.51 0.00	24.30 -0.32 0.00

LYONS_FALL_HYD 23570	28.09 0.58 0.00	31.46 0.64 0.00	32.54 0.65 0.00	33.23 0.64 0.00	42.10 0.86 0.00	41.27 0.90 0.00	38.01 0.95 0.00	38.00 0.60 0.00	34.60 0.28 0.00	27.28 0.14 0.00	24.48 0.07 0.00	22.41 -0.19 0.00	20.23 -0.15 0.00	18.17 -0.10 0.00	19.36 -0.20 0.00	21.83 -0.16 0.00	66.15 0.12 0.00	33.33 0.46 0.00	35.42 0.45 0.00	30.89 0.03 0.00	27.85 -0.30 0.00	33.19 -0.39 0.00	29.48 -0.32 0.00	24.35 -0.27 0.00
MADISON___COUNTY_LFGE 323628	28.18 0.66 0.00	31.50 0.67 0.00	32.57 0.67 0.00	33.26 0.68 0.00	42.12 0.88 0.00	41.36 0.98 0.00	38.21 1.15 0.00	38.51 1.11 0.00	35.17 0.85 0.00	27.75 0.61 0.00	24.86 0.43 0.00	22.89 0.28 0.00	20.62 0.24 0.00	18.43 0.17 0.00	19.66 0.10 0.00	22.13 0.14 0.00	66.96 0.92 0.00	33.62 0.76 0.00	35.88 0.90 0.00	31.47 0.61 0.00	28.55 0.40 0.00	34.02 0.45 0.00	30.20 0.40 0.00	24.88 0.26 0.00
MALONE___115KV_TB1 356076	28.62 1.10 0.00	32.12 1.30 0.00	32.99 1.10 0.00	33.56 0.98 0.00	42.76 1.52 0.00	41.64 1.27 0.00	38.07 1.01 0.00	38.25 0.85 0.00	35.61 1.29 0.00	28.34 1.20 0.00	25.62 1.20 0.00	23.59 0.99 0.00	21.20 0.82 0.00	19.08 0.81 0.00	20.45 0.89 0.00	22.93 0.93 0.00	68.81 2.78 0.00	34.03 1.16 0.00	35.96 0.98 0.00	31.60 0.73 0.00	28.80 0.65 0.00	34.50 0.93 0.00	30.26 0.46 0.00	25.30 0.67 0.00
MAPLEWOD_115KV_TB3 80458	28.28 0.76 0.00	31.53 0.71 0.00	32.71 0.82 0.00	33.46 0.88 0.00	42.38 1.14 0.00	41.63 1.26 0.00	38.51 1.45 0.00	38.83 1.43 0.00	35.38 1.06 0.00	27.74 0.60 0.00	24.77 0.35 0.00	22.90 0.30 0.00	20.70 0.32 0.00	18.55 0.28 0.00	19.91 0.35 0.00	22.41 0.41 0.00	67.59 1.56 0.00	33.94 1.07 0.00	36.30 1.32 0.00	31.96 1.10 0.00	29.02 0.87 0.00	34.62 1.05 0.00	30.66 0.87 0.00	25.23 0.60 0.00
MAPLE_RIDGE_WT_1 323574	27.57 0.05 0.00	30.97 0.15 0.00	31.98 0.09 0.00	32.68 0.10 0.00	41.36 0.11 0.00	40.35 -0.02 0.00	36.71 -0.35 0.00	36.72 -0.68 0.00	33.82 -0.50 0.00	26.87 -0.27 0.00	24.15 -0.27 0.00	22.37 -0.23 0.00	20.25 -0.13 0.00	18.21 -0.05 0.00	19.48 -0.08 0.00	21.93 -0.07 0.00	65.87 -0.16 0.00	32.72 -0.14 0.00	34.58 -0.40 0.00	30.27 -0.59 0.00	27.48 -0.68 0.00	32.69 -0.89 0.00	28.98 -0.82 0.00	24.13 -0.49 0.00
MAPLE_RIDGE_WT_2 323611	27.57 0.05 0.00	30.97 0.15 0.00	31.98 0.09 0.00	32.68 0.10 0.00	41.36 0.11 0.00	40.35 -0.02 0.00	36.71 -0.35 0.00	36.72 -0.68 0.00	33.82 -0.50 0.00	26.87 -0.27 0.00	24.15 -0.27 0.00	22.37 -0.23 0.00	20.25 -0.13 0.00	18.21 -0.05 0.00	19.48 -0.08 0.00	21.93 -0.07 0.00	65.87 -0.16 0.00	32.72 -0.14 0.00	34.58 -0.40 0.00	30.27 -0.59 0.00	27.48 -0.68 0.00	32.69 -0.89 0.00	28.98 -0.82 0.00	24.13 -0.49 0.00
MARBLE_RIVER_WT_PWR 323696	28.12 0.60 0.00	31.55 0.73 0.00	32.35 0.46 0.00	32.88 0.29 0.00	42.04 0.80 0.00	41.03 0.66 0.00	37.57 0.51 0.00	37.67 0.27 0.00	35.15 0.84 0.00	27.92 0.78 0.00	25.18 0.76 0.00	23.18 0.58 0.00	20.91 0.53 0.00	18.87 0.61 0.00	20.31 0.75 0.00	22.73 0.74 0.00	68.27 2.24 0.00	33.81 0.94 0.00	35.69 0.71 0.00	31.30 0.44 0.00	28.43 0.27 0.00	34.04 0.46 0.00	29.75 -0.05 0.00	24.94 0.32 0.00
MARSHVLE_115KV_TB1 80742	29.14 1.63 0.00	32.66 1.84 0.00	33.61 1.73 0.00	34.35 1.76 0.00	43.44 2.20 0.00	42.59 2.21 0.00	39.18 2.12 0.00	39.58 2.19 0.00	36.34 2.02 0.00	28.50 1.37 0.00	25.53 1.11 0.00	23.50 0.90 0.00	21.20 0.81 0.00	18.97 0.71 0.00	20.27 0.71 0.00	22.76 0.77 0.00	68.59 2.56 0.00	34.42 1.56 0.00	36.66 1.68 0.00	32.31 1.44 0.00	29.38 1.23 0.00	35.05 1.47 0.00	31.17 1.37 0.00	25.79 1.16 0.00
MARSH_HILL_WT_PWR 323713	26.34 -1.18 0.00	30.50 -0.32 0.00	31.28 -0.61 0.00	31.78 -0.80 0.00	40.77 -0.48 0.00	39.22 -1.15 0.00	36.40 -0.66 0.00	36.89 -0.51 0.00	33.65 -0.67 0.00	26.73 -0.40 0.00	24.06 -0.37 0.00	22.16 -0.44 0.00	19.94 -0.44 0.00	17.86 -0.40 0.00	18.89 -0.67 0.00	21.03 -0.97 0.00	62.43 -3.60 0.00	31.13 -1.74 0.00	33.34 -1.64 0.00	29.09 -1.77 0.00	26.09 -2.07 0.00	31.38 -2.20 0.00	28.33 -1.47 0.00	23.72 -0.90 0.00
MCINTYRE_115KV_TB2 80467	28.50 0.98 0.00	32.21 1.39 0.00	33.23 1.34 0.00	33.90 1.31 0.00	42.72 1.48 0.00	41.43 1.06 0.00	37.65 0.59 0.00	37.89 0.49 0.00	35.13 0.81 0.00	28.01 0.87 0.00	25.29 0.88 0.00	23.40 0.80 0.00	20.99 0.61 0.00	18.81 0.55 0.00	20.10 0.54 0.00	22.69 0.70 0.00	67.97 1.94 0.00	33.62 0.75 0.00	35.64 0.66 0.00	31.52 0.66 0.00	29.04 0.89 0.00	34.74 1.16 0.00	30.86 1.06 0.00	25.60 0.98 0.00
MECO___69_KV_BK1 80468	30.27 2.75 0.00	33.78 2.96 0.00	34.84 2.95 0.00	35.62 3.04 0.00	44.69 3.45 0.00	44.34 3.97 0.00	41.12 4.06 0.00	41.49 4.09 0.00	37.60 3.28 0.00	28.42 1.28 0.00	25.18 0.75 0.00	23.21 0.61 0.00	20.94 0.56 0.00	18.74 0.48 0.00	20.05 0.49 0.00	22.53 0.54 0.00	69.68 3.65 0.00	35.88 3.02 0.00	38.63 3.65 0.00	34.05 3.18 0.00	30.92 2.77 0.00	36.85 3.28 0.00	32.66 2.86 0.00	26.91 2.29 0.00
MENANDS___115KV_TB5 355628	28.16 0.64 0.00	31.39 0.57 0.00	32.58 0.69 0.00	33.32 0.73 0.00	42.20 0.96 0.00	41.46 1.08 0.00	38.33 1.27 0.00	38.65 1.25 0.00	35.23 0.91 0.00	27.62 0.49 0.00	24.68 0.25 0.00	22.82 0.22 0.00	20.63 0.25 0.00	18.49 0.23 0.00	19.85 0.29 0.00	22.33 0.34 0.00	67.30 1.27 0.00	33.80 0.93 0.00	36.15 1.17 0.00	31.81 0.95 0.00	28.90 0.74 0.00	34.48 0.90 0.00	30.54 0.74 0.00	25.12 0.50 0.00
MG INDUSTRY___DRP 24185	28.26 0.74 0.00	31.52 0.70 0.00	32.70 0.81 0.00	33.44 0.85 0.00	42.35 1.11 0.00	41.58 1.21 0.00	38.39 1.33 0.00	38.69 1.29 0.00	35.27 0.95 0.00	27.67 0.54 0.00	24.76 0.34 0.00	22.90 0.30 0.00	20.68 0.30 0.00	18.54 0.27 0.00	19.88 0.32 0.00	22.37 0.38 0.00	67.46 1.43 0.00	33.82 0.95 0.00	36.15 1.17 0.00	31.82 0.96 0.00	28.92 0.76 0.00	34.49 0.91 0.00	30.57 0.77 0.00	25.18 0.55 0.00
MID___OSWEGATCHIE_HYD 23849	27.73 0.21 0.00	31.21 0.38 0.00	32.24 0.35 0.00	32.89 0.31 0.00	41.56 0.32 0.00	40.41 0.04 0.00	36.97 -0.09 0.00	36.95 -0.45 0.00	33.92 -0.40 0.00	26.90 -0.24 0.00	24.37 -0.05 0.00	22.32 -0.28 0.00	20.11 -0.27 0.00	18.07 -0.19 0.00	19.27 -0.28 0.00	21.76 -0.24 0.00	65.47 -0.55 0.00	32.66 -0.21 0.00	34.61 -0.37 0.00	30.27 -0.59 0.00	27.56 -0.59 0.00	32.97 -0.61 0.00	29.29 -0.51 0.00	24.30 -0.32 0.00
MID___RAQUETTE_HYD 23851	27.90 0.38 0.00	31.51 0.69 0.00	32.52 0.63 0.00	33.16 0.58 0.00	41.80 0.56 0.00	40.37 0.00 0.00	36.71 -0.35 0.00	36.89 -0.51 0.00	34.23 -0.09 0.00	27.36 0.23 0.00	24.96 0.54 0.00	23.04 0.44 0.00	20.69 0.31 0.00	18.59 0.32 0.00	19.88 0.32 0.00	22.42 0.42 0.00	66.87 0.84 0.00	32.83 -0.04 0.00	34.73 -0.25 0.00	30.64 -0.22 0.00	28.25 0.10 0.00	33.91 0.33 0.00	30.12 0.32 0.00	25.07 0.45 0.00

MILLIKEN___1 23584	27.70 0.18 0.00	31.01 0.19 0.00	31.98 0.09 0.00	32.69 0.11 0.00	41.44 0.20 0.00	40.67 0.30 0.00	37.65 0.59 0.00	38.00 0.60 0.00	34.46 0.14 0.00	27.12 -0.02 0.00	24.42 0.00 0.00	22.51 -0.09 0.00	20.24 -0.13 0.00	18.10 -0.16 0.00	19.39 -0.17 0.00	21.82 -0.17 0.00	65.80 -0.23 0.00	32.97 0.10 0.00	35.22 0.24 0.00	30.94 0.08 0.00	28.07 -0.09 0.00	33.45 -0.12 0.00	29.74 -0.06 0.00	24.60 -0.02 0.00
MILLIKEN___2 23585	27.70 0.18 0.00	31.01 0.19 0.00	31.98 0.09 0.00	32.69 0.11 0.00	41.44 0.20 0.00	40.67 0.30 0.00	37.65 0.59 0.00	38.00 0.60 0.00	34.46 0.14 0.00	27.12 -0.02 0.00	24.42 0.00 0.00	22.51 -0.09 0.00	20.24 -0.13 0.00	18.10 -0.16 0.00	19.39 -0.17 0.00	21.82 -0.17 0.00	65.80 -0.23 0.00	32.97 0.10 0.00	35.22 0.24 0.00	30.94 0.08 0.00	28.07 -0.09 0.00	33.45 -0.12 0.00	29.74 -0.06 0.00	24.60 -0.02 0.00
MILLIKEN___DIESEL 23629	27.70 0.18 0.00	31.01 0.19 0.00	31.98 0.09 0.00	32.69 0.11 0.00	41.44 0.20 0.00	40.67 0.30 0.00	37.65 0.59 0.00	38.00 0.60 0.00	34.46 0.14 0.00	27.12 -0.02 0.00	24.42 0.00 0.00	22.51 -0.09 0.00	20.24 -0.13 0.00	18.10 -0.16 0.00	19.39 -0.17 0.00	21.82 -0.17 0.00	65.80 -0.23 0.00	32.97 0.10 0.00	35.22 0.24 0.00	30.94 0.08 0.00	28.07 -0.09 0.00	33.45 -0.12 0.00	29.74 -0.06 0.00	24.60 -0.02 0.00
MILLSEAT___LFGE 323607	26.04 -1.48 0.00	28.86 -1.97 0.00	29.89 -2.00 0.00	30.43 -2.15 0.00	38.46 -2.78 0.00	37.59 -2.78 0.00	34.25 -2.81 0.00	34.64 -2.76 0.00	31.40 -2.92 0.00	25.11 -2.03 0.00	22.71 -1.71 0.00	20.99 -1.61 0.00	18.77 -1.61 0.00	16.69 -1.58 0.00	17.84 -1.72 0.00	20.26 -1.74 0.00	60.85 -5.18 0.00	30.10 -2.76 0.00	32.05 -2.93 0.00	28.07 -2.79 0.00	25.52 -2.63 0.00	30.50 -3.08 0.00	27.20 -2.60 0.00	22.55 -2.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.74 1.22 0.00	31.97 1.15 0.00	33.09 1.20 0.00	33.83 1.24 0.00	42.76 1.52 0.00	42.19 1.82 0.00	39.36 2.29 0.00	39.95 2.55 0.00	36.25 1.93 0.00	28.43 1.29 0.00	25.52 1.10 0.00	23.64 1.04 0.00	21.30 0.92 0.00	19.12 0.86 0.00	20.47 0.91 0.00	23.02 1.02 0.00	69.20 3.17 0.00	34.70 1.83 0.00	37.16 2.18 0.00	32.68 1.82 0.00	29.64 1.49 0.00	35.22 1.65 0.00	31.34 1.54 0.00	25.73 1.11 0.00
MILLWOOD_13_KV_LOAD 356217	28.80 1.28 0.00	32.05 1.23 0.00	33.16 1.27 0.00	33.90 1.32 0.00	42.84 1.60 0.00	42.28 1.91 0.00	39.45 2.39 0.00	40.05 2.65 0.00	36.34 2.02 0.00	28.51 1.37 0.00	25.58 1.16 0.00	23.69 1.09 0.00	21.36 0.98 0.00	19.17 0.91 0.00	20.52 0.96 0.00	23.07 1.08 0.00	69.37 3.34 0.00	34.79 1.93 0.00	37.26 2.28 0.00	32.77 1.91 0.00	29.72 1.57 0.00	35.32 1.74 0.00	31.43 1.63 0.00	25.79 1.17 0.00
MODEL_CITY_ENERGY 24167	25.17 -2.35 0.00	27.88 -2.94 0.00	28.88 -3.01 0.00	29.39 -3.20 0.00	37.13 -4.11 0.00	36.20 -4.17 0.00	32.83 -4.23 0.00	33.17 -4.23 0.00	30.20 -4.12 0.00	24.28 -2.85 0.00	22.04 -2.38 0.00	20.41 -2.19 0.00	18.26 -2.13 0.00	16.22 -2.04 0.00	17.36 -2.20 0.00	19.71 -2.28 0.00	58.79 -7.24 0.00	28.99 -3.87 0.00	30.75 -4.23 0.00	26.92 -3.94 0.00	24.50 -3.65 0.00	29.32 -4.25 0.00	26.18 -3.62 0.00	21.76 -2.86 0.00
MODERN_LFGE___ 323580	25.17 -2.35 0.00	27.88 -2.94 0.00	28.88 -3.01 0.00	29.39 -3.20 0.00	37.13 -4.11 0.00	36.20 -4.17 0.00	32.83 -4.23 0.00	33.17 -4.23 0.00	30.20 -4.12 0.00	24.28 -2.85 0.00	22.04 -2.38 0.00	20.41 -2.19 0.00	18.26 -2.13 0.00	16.22 -2.04 0.00	17.36 -2.20 0.00	19.71 -2.28 0.00	58.79 -7.24 0.00	28.99 -3.87 0.00	30.75 -4.23 0.00	26.92 -3.94 0.00	24.50 -3.65 0.00	29.32 -4.25 0.00	26.18 -3.62 0.00	21.76 -2.86 0.00
MOHAWK_PAPER___DRP 24187	28.28 0.76 0.00	31.53 0.71 0.00	32.71 0.82 0.00	33.46 0.88 0.00	42.38 1.14 0.00	41.63 1.26 0.00	38.51 1.45 0.00	38.83 1.43 0.00	35.38 1.06 0.00	27.74 0.60 0.00	24.77 0.35 0.00	22.90 0.30 0.00	20.70 0.32 0.00	18.55 0.28 0.00	19.91 0.35 0.00	22.41 0.41 0.00	67.59 1.56 0.00	33.94 1.07 0.00	36.30 1.32 0.00	31.96 1.10 0.00	29.02 0.87 0.00	34.62 1.05 0.00	30.66 0.87 0.00	25.23 0.60 0.00
MOHICAN__35_KV_115KV_LD 80490	28.88 1.36 0.00	32.18 1.36 0.00	33.49 1.60 0.00	34.41 1.83 0.00	43.67 2.43 0.00	42.90 2.52 0.00	39.66 2.59 0.00	39.81 2.41 0.00	36.34 2.02 0.00	28.36 1.22 0.00	25.08 0.66 0.00	23.14 0.54 0.00	20.91 0.53 0.00	18.67 0.41 0.00	20.07 0.51 0.00	22.73 0.74 0.00	69.19 3.16 0.00	34.81 1.94 0.00	37.28 2.30 0.00	32.80 1.94 0.00	29.66 1.51 0.00	35.18 1.61 0.00	31.08 1.28 0.00	25.60 0.97 0.00
MONGAUP___HYD 23641	28.67 1.15 0.00	31.90 1.08 0.00	33.01 1.13 0.00	33.74 1.15 0.00	42.55 1.31 0.00	42.08 1.71 0.00	38.94 1.88 0.00	39.42 2.02 0.00	35.67 1.35 0.00	28.07 0.93 0.00	25.08 0.66 0.00	23.19 0.59 0.00	20.89 0.51 0.00	18.73 0.46 0.00	20.06 0.50 0.00	22.62 0.63 0.00	68.09 2.06 0.00	34.27 1.40 0.00	36.86 1.88 0.00	32.57 1.71 0.00	29.52 1.36 0.00	35.07 1.50 0.00	31.18 1.38 0.00	25.61 0.99 0.00
MONTAUK___DIESEL 23721	29.19 1.67 0.00	32.23 1.41 0.00	33.19 1.31 0.00	33.95 1.37 0.00	42.71 1.46 0.00	42.26 1.89 0.00	39.85 2.79 0.00	41.20 3.80 0.00	37.14 2.82 0.00	28.89 1.75 0.00	26.37 1.95 0.00	24.42 1.82 0.00	21.74 1.35 0.00	19.50 1.24 0.00	20.95 1.39 0.00	23.68 1.69 0.00	71.12 5.09 0.00	35.75 2.88 0.00	38.40 3.43 0.00	33.95 3.09 0.00	30.79 2.64 0.00	36.40 2.83 0.00	32.27 2.47 0.00	26.58 1.96 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.16 -1.36 0.00	28.95 -1.88 0.00	30.30 -1.58 0.00	31.02 -1.57 0.00	39.03 -2.21 0.00	38.55 -1.82 0.00	35.48 -1.58 0.00	35.47 -1.92 0.00	32.29 -2.03 0.00	26.03 -1.11 0.00	23.61 -0.81 0.00	21.78 -0.82 0.00	19.64 -0.73 0.00	17.51 -0.75 0.00	18.69 -0.87 0.00	20.89 -1.11 0.00	61.21 -4.82 0.00	30.08 -2.79 0.00	32.04 -2.93 0.00	27.79 -3.07 0.00	25.15 -3.00 0.00	30.21 -3.36 0.00	27.47 -2.33 0.00	23.19 -1.43 0.00
MORTIMER_115KV_TB3 55949	26.28 -1.24 0.00	29.23 -1.60 0.00	30.24 -1.65 0.00	30.84 -1.74 0.00	38.98 -2.26 0.00	38.12 -2.25 0.00	34.90 -2.16 0.00	35.29 -2.11 0.00	32.11 -2.21 0.00	25.57 -1.57 0.00	23.14 -1.28 0.00	21.42 -1.18 0.00	19.23 -1.15 0.00	17.16 -1.11 0.00	18.34 -1.22 0.00	20.72 -1.27 0.00	62.11 -3.92 0.00	30.84 -2.03 0.00	32.81 -2.17 0.00	28.79 -2.07 0.00	26.19 -1.97 0.00	31.27 -2.31 0.00	27.84 -1.96 0.00	23.04 -1.58 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.84 1.32 0.00	32.06 1.24 0.00	33.17 1.28 0.00	33.90 1.32 0.00	42.82 1.57 0.00	42.28 1.91 0.00	39.51 2.45 0.00	40.12 2.73 0.00	36.44 2.12 0.00	28.60 1.46 0.00	25.64 1.22 0.00	23.77 1.18 0.00	21.43 1.05 0.00	19.23 0.97 0.00	20.57 1.01 0.00	23.12 1.13 0.00	69.45 3.42 0.00	34.82 1.95 0.00	37.26 2.28 0.00	32.77 1.91 0.00	29.73 1.58 0.00	35.32 1.75 0.00	31.44 1.64 0.00	25.79 1.17 0.00

MUNSVILLE_WIND_PWR 323609	29.62 2.10 0.00	33.46 2.64 0.00	34.36 2.47 0.00	35.22 2.64 0.00	44.74 3.50 0.00	44.03 3.65 0.00	41.01 3.95 0.00	41.15 3.75 0.00	37.03 2.71 0.00	28.98 1.84 0.00	26.03 1.61 0.00	23.81 1.21 0.00	21.34 0.96 0.00	19.05 0.78 0.00	20.36 0.81 0.00	22.93 0.93 0.00	70.37 4.34 0.00	35.19 2.32 0.00	37.38 2.40 0.00	32.46 1.60 0.00	29.22 1.06 0.00	34.83 1.25 0.00	31.05 1.25 0.00	25.78 1.16 0.00
N SALMON___HYD 24042	28.61 1.10 0.00	32.12 1.30 0.00	32.99 1.10 0.00	33.56 0.98 0.00	42.76 1.52 0.00	41.64 1.27 0.00	38.07 1.01 0.00	38.25 0.85 0.00	35.61 1.29 0.00	28.34 1.20 0.00	25.62 1.20 0.00	23.59 0.99 0.00	21.20 0.82 0.00	19.08 0.81 0.00	20.45 0.89 0.00	22.93 0.93 0.00	68.81 2.78 0.00	34.03 1.16 0.00	35.96 0.98 0.00	31.60 0.73 0.00	28.80 0.65 0.00	34.50 0.93 0.00	30.26 0.46 0.00	25.30 0.68 0.00
N.AKRON__115KV_KNAPP 355671	26.03 -1.49 0.00	28.86 -1.97 0.00	29.88 -2.01 0.00	30.42 -2.17 0.00	38.46 -2.79 0.00	37.58 -2.79 0.00	34.24 -2.82 0.00	34.62 -2.78 0.00	31.41 -2.91 0.00	25.12 -2.02 0.00	22.73 -1.69 0.00	21.02 -1.58 0.00	18.79 -1.59 0.00	16.69 -1.57 0.00	17.85 -1.71 0.00	20.27 -1.73 0.00	60.82 -5.21 0.00	30.10 -2.77 0.00	32.03 -2.95 0.00	28.04 -2.82 0.00	25.49 -2.66 0.00	30.46 -3.12 0.00	27.17 -2.63 0.00	22.53 -2.09 0.00
N.BELMOR_69_KV_BK1 55787	29.23 1.71 0.00	32.45 1.63 0.00	33.47 1.58 0.00	34.20 1.62 0.00	43.08 1.84 0.00	42.58 2.21 0.00	39.82 2.76 0.00	40.48 3.08 0.00	36.74 2.42 0.00	28.81 1.67 0.00	25.92 1.50 0.00	24.02 1.42 0.00	21.61 1.23 0.00	19.41 1.15 0.00	20.81 1.25 0.00	23.47 1.48 0.00	70.29 4.26 0.00	35.15 2.28 0.00	37.87 2.89 0.00	33.29 2.43 0.00	30.20 2.05 0.00	35.84 2.27 0.00	31.85 2.05 0.00	26.13 1.51 0.00
N.E_GEN_SANDY PD 24062	31.25 0.95 -2.78	35.00 0.87 -3.31	32.91 1.02 0.00	33.67 1.09 0.00	42.70 1.46 0.00	45.64 1.60 -3.67	37.56 1.82 1.32	36.68 1.84 2.56	33.95 1.37 1.74	28.47 0.79 -0.54	24.75 0.50 0.18	23.05 0.45 0.00	20.82 0.44 0.00	18.55 0.41 0.12	20.07 0.50 0.00	22.56 0.56 0.00	68.89 1.93 -0.93	32.80 1.33 1.40	36.66 1.68 0.00	32.25 1.39 0.00	29.17 1.11 0.10	35.94 1.32 -1.04	30.75 1.12 0.16	24.92 0.79 0.49
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.71 1.20 0.00	31.97 1.15 0.00	33.09 1.20 0.00	33.82 1.24 0.00	42.76 1.52 0.00	42.19 1.82 0.00	39.35 2.29 0.00	39.94 2.54 0.00	36.21 1.89 0.00	28.39 1.26 0.00	25.51 1.09 0.00	23.65 1.04 0.00	21.30 0.92 0.00	19.12 0.86 0.00	20.47 0.91 0.00	23.02 1.02 0.00	69.20 3.17 0.00	34.70 1.83 0.00	37.15 2.17 0.00	32.67 1.81 0.00	29.62 1.46 0.00	35.18 1.61 0.00	31.34 1.54 0.00	25.73 1.11 0.00
N.QUEENS_27_KV_LOAD 356247	28.79 1.27 0.00	31.97 1.15 0.00	33.08 1.19 0.00	33.81 1.23 0.00	42.66 1.42 0.00	42.19 1.82 0.00	39.47 2.41 0.00	40.18 2.78 0.00	36.57 2.25 0.00	28.67 1.54 0.00	25.70 1.28 0.00	23.84 1.24 0.00	21.50 1.11 0.00	19.34 1.08 0.00	20.60 1.04 0.00	23.19 1.19 0.00	69.46 3.43 0.00	34.80 1.93 0.00	37.26 2.28 0.00	32.77 1.90 0.00	29.82 1.66 0.00	35.38 1.80 0.00	31.48 1.68 0.00	25.84 1.21 0.00
N.TROY___115KV_TB1 355778	28.34 0.82 0.00	31.59 0.77 0.00	32.82 0.93 0.00	33.59 1.01 0.00	42.59 1.35 0.00	41.82 1.45 0.00	38.65 1.59 0.00	38.93 1.53 0.00	35.48 1.16 0.00	27.77 0.64 0.00	24.76 0.34 0.00	22.89 0.30 0.00	20.69 0.31 0.00	18.54 0.27 0.00	19.91 0.35 0.00	22.42 0.43 0.00	67.70 1.67 0.00	34.02 1.15 0.00	36.40 1.42 0.00	32.04 1.17 0.00	29.08 0.93 0.00	34.71 1.14 0.00	30.73 0.93 0.00	25.29 0.67 0.00
NARROWS_GT1_1 24228	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT1_2 24229	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT1_3 24230	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT1_4 24231	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT1_5 24232	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT1_6 24233	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT1_7 24234	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00

NARROWS_GT1_8 24235	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT2_1 24236	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT2_2 24237	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT2_3 24238	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT2_4 24239	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT2_5 24240	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT2_6 24241	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT2_7 24242	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NARROWS_GT2_8 24243	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.40 2.42 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.90 1.39 0.00	32.18 1.36 0.00	33.40 1.51 0.00	34.16 1.58 0.00	43.32 2.08 0.00	42.56 2.19 0.00	39.40 2.33 0.00	39.66 2.26 0.00	35.96 1.64 0.00	27.99 0.85 0.00	24.93 0.51 0.00	23.05 0.45 0.00	20.80 0.42 0.00	18.64 0.37 0.00	20.00 0.44 0.00	22.57 0.58 0.00	68.66 2.63 0.00	34.62 1.75 0.00	37.15 2.17 0.00	32.69 1.83 0.00	29.65 1.50 0.00	35.34 1.77 0.00	31.23 1.43 0.00	25.69 1.06 0.00
NCHELSEA_115KV_TR2 355582	28.97 1.46 0.00	32.23 1.41 0.00	33.38 1.49 0.00	34.12 1.54 0.00	43.18 1.94 0.00	42.58 2.21 0.00	39.66 2.60 0.00	40.19 2.80 0.00	36.43 2.11 0.00	28.55 1.42 0.00	25.56 1.14 0.00	23.65 1.05 0.00	21.31 0.93 0.00	19.12 0.86 0.00	20.49 0.93 0.00	23.07 1.08 0.00	69.51 3.48 0.00	34.90 2.04 0.00	37.40 2.42 0.00	32.91 2.04 0.00	29.85 1.69 0.00	35.47 1.89 0.00	31.51 1.72 0.00	25.88 1.26 0.00
NEG CAPITAL___MECHNVIL 23645	28.68 1.16 0.00	31.98 1.16 0.00	33.19 1.30 0.00	33.99 1.41 0.00	43.11 1.87 0.00	42.36 1.99 0.00	39.18 2.11 0.00	39.43 2.03 0.00	35.95 1.63 0.00	28.12 0.98 0.00	25.01 0.59 0.00	23.11 0.51 0.00	20.88 0.50 0.00	18.69 0.42 0.00	20.06 0.51 0.00	22.65 0.66 0.00	68.67 2.64 0.00	34.50 1.64 0.00	36.90 1.93 0.00	32.48 1.62 0.00	29.46 1.30 0.00	35.08 1.51 0.00	31.04 1.24 0.00	25.55 0.93 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.95 -1.56 0.00	28.91 -1.92 0.00	29.89 -2.00 0.00	30.49 -2.09 0.00	38.58 -2.66 0.00	37.79 -2.58 0.00	34.70 -2.36 0.00	35.08 -2.32 0.00	31.90 -2.42 0.00	25.36 -1.78 0.00	22.95 -1.47 0.00	21.21 -1.39 0.00	19.05 -1.33 0.00	17.00 -1.27 0.00	18.19 -1.37 0.00	20.52 -1.47 0.00	61.59 -4.44 0.00	30.63 -2.23 0.00	32.60 -2.38 0.00	28.62 -2.24 0.00	26.02 -2.13 0.00	31.05 -2.52 0.00	27.64 -2.16 0.00	22.85 -1.77 0.00
NEG CENTRAL___DRP 24199	27.05 -0.47 0.00	30.27 -0.55 0.00	31.19 -0.70 0.00	31.88 -0.71 0.00	40.38 -0.86 0.00	39.59 -0.78 0.00	36.59 -0.47 0.00	36.97 -0.43 0.00	33.52 -0.80 0.00	26.46 -0.67 0.00	23.88 -0.54 0.00	22.04 -0.56 0.00	19.83 -0.55 0.00	17.73 -0.54 0.00	18.96 -0.60 0.00	21.32 -0.67 0.00	63.97 -2.05 0.00	32.02 -0.85 0.00	34.10 -0.88 0.00	30.00 -0.86 0.00	27.26 -0.90 0.00	32.49 -1.08 0.00	28.94 -0.86 0.00	23.96 -0.67 0.00
NEG CENTRAL___INDECK 23768	27.33 -0.19 0.00	30.69 -0.13 0.00	31.67 -0.21 0.00	32.20 -0.38 0.00	40.74 -0.50 0.00	39.27 -1.10 0.00	35.92 -1.14 0.00	36.33 -1.07 0.00	32.59 -1.73 0.00	25.60 -1.54 0.00	23.09 -1.33 0.00	21.35 -1.25 0.00	19.63 -0.75 0.00	17.70 -0.57 0.00	18.83 -0.73 0.00	21.14 -0.86 0.00	63.33 -2.70 0.00	31.83 -1.04 0.00	34.19 -0.79 0.00	29.98 -0.88 0.00	27.11 -1.04 0.00	32.42 -1.16 0.00	28.96 -0.84 0.00	23.98 -0.65 0.00

NEG CENTRAL___SENECA 23627	27.15 -0.37 0.00	30.36 -0.46 0.00	31.25 -0.63 0.00	31.95 -0.63 0.00	40.49 -0.75 0.00	39.69 -0.68 0.00	36.73 -0.33 0.00	37.10 -0.30 0.00	33.54 -0.78 0.00	26.48 -0.66 0.00	23.87 -0.55 0.00	22.02 -0.58 0.00	19.78 -0.59 0.00	17.69 -0.57 0.00	18.90 -0.66 0.00	21.26 -0.73 0.00	63.78 -2.25 0.00	31.99 -0.87 0.00	34.01 -0.97 0.00	29.92 -0.94 0.00	27.16 -1.00 0.00	32.41 -1.17 0.00	28.91 -0.89 0.00	23.91 -0.71 0.00
NEG CENTRAL___STATE_STREET 24147	27.15 -0.37 0.00	30.46 -0.36 0.00	31.35 -0.53 0.00	32.04 -0.54 0.00	40.67 -0.58 0.00	39.82 -0.56 0.00	36.77 -0.29 0.00	37.12 -0.28 0.00	33.82 -0.50 0.00	26.72 -0.42 0.00	24.16 -0.26 0.00	22.29 -0.31 0.00	20.07 -0.31 0.00	17.89 -0.37 0.00	19.21 -0.35 0.00	21.61 -0.38 0.00	64.92 -1.12 0.00	32.34 -0.52 0.00	34.55 -0.43 0.00	30.42 -0.44 0.00	27.64 -0.52 0.00	32.86 -0.71 0.00	29.21 -0.59 0.00	24.25 -0.38 0.00
NEG MILLWOOD___DRP 24198	29.08 1.56 0.00	32.35 1.52 0.00	33.48 1.59 0.00	34.22 1.64 0.00	43.31 2.07 0.00	42.74 2.36 0.00	39.84 2.78 0.00	40.41 3.02 0.00	36.64 2.32 0.00	28.71 1.58 0.00	25.71 1.29 0.00	23.79 1.18 0.00	21.43 1.05 0.00	19.22 0.96 0.00	20.59 1.04 0.00	23.18 1.18 0.00	69.83 3.80 0.00	35.07 2.21 0.00	37.60 2.62 0.00	33.06 2.20 0.00	29.98 1.83 0.00	35.62 2.05 0.00	31.66 1.86 0.00	25.98 1.35 0.00
NEG NORTH_FLCN_SEA 23793	28.30 0.78 0.00	31.74 0.91 0.00	32.56 0.67 0.00	33.10 0.51 0.00	42.32 1.08 0.00	41.30 0.93 0.00	37.83 0.77 0.00	37.76 0.36 0.00	35.34 1.02 0.00	28.08 0.94 0.00	25.33 0.91 0.00	23.30 0.70 0.00	21.05 0.67 0.00	19.01 0.75 0.00	20.48 0.92 0.00	22.93 0.94 0.00	68.92 2.89 0.00	34.16 1.29 0.00	36.05 1.07 0.00	31.58 0.71 0.00	28.63 0.48 0.00	34.26 0.69 0.00	29.88 0.08 0.00	25.17 0.54 0.00
NEG NORTH_KES_CHATEGAY 23792	28.28 0.76 0.00	31.72 0.89 0.00	32.52 0.62 0.00	33.07 0.48 0.00	42.26 1.02 0.00	41.22 0.85 0.00	37.69 0.63 0.00	37.83 0.43 0.00	35.30 0.98 0.00	28.04 0.90 0.00	25.27 0.85 0.00	23.28 0.68 0.00	20.98 0.60 0.00	18.93 0.66 0.00	20.35 0.79 0.00	22.75 0.76 0.00	68.34 2.31 0.00	33.85 0.99 0.00	35.74 0.76 0.00	31.35 0.49 0.00	28.49 0.34 0.00	34.13 0.55 0.00	29.84 0.04 0.00	24.99 0.37 0.00
NEG NORTH___ALICE_FALLS 23915	28.58 1.06 0.00	32.05 1.22 0.00	32.87 0.98 0.00	33.42 0.83 0.00	42.73 1.48 0.00	41.72 1.35 0.00	38.23 1.17 0.00	38.25 0.85 0.00	35.70 1.38 0.00	28.38 1.24 0.00	25.56 1.14 0.00	23.53 0.92 0.00	21.23 0.85 0.00	19.14 0.88 0.00	20.61 1.06 0.00	23.06 1.07 0.00	69.35 3.32 0.00	34.39 1.52 0.00	36.32 1.34 0.00	31.82 0.96 0.00	28.86 0.71 0.00	34.53 0.95 0.00	30.11 0.31 0.00	25.29 0.67 0.00
NEG NORTH___LWR_SARANAC 23913	28.58 1.06 0.00	32.05 1.22 0.00	32.87 0.98 0.00	33.42 0.83 0.00	42.73 1.48 0.00	41.72 1.35 0.00	38.23 1.17 0.00	38.25 0.85 0.00	35.70 1.38 0.00	28.38 1.24 0.00	25.56 1.14 0.00	23.53 0.92 0.00	21.23 0.85 0.00	19.14 0.88 0.00	20.61 1.06 0.00	23.06 1.07 0.00	69.35 3.32 0.00	34.39 1.52 0.00	36.32 1.34 0.00	31.82 0.96 0.00	28.86 0.71 0.00	34.53 0.95 0.00	30.11 0.31 0.00	25.29 0.67 0.00
NEG NORTH___PLATTSBURG 23628	28.58 1.06 0.00	32.04 1.22 0.00	32.87 0.98 0.00	33.42 0.83 0.00	42.72 1.48 0.00	41.72 1.35 0.00	38.23 1.17 0.00	38.25 0.85 0.00	35.70 1.38 0.00	28.38 1.24 0.00	25.56 1.14 0.00	23.53 0.93 0.00	21.23 0.85 0.00	19.14 0.88 0.00	20.61 1.06 0.00	23.06 1.07 0.00	69.34 3.32 0.00	34.39 1.52 0.00	36.32 1.34 0.00	31.82 0.96 0.00	28.86 0.70 0.00	34.53 0.95 0.00	30.11 0.31 0.00	25.29 0.67 0.00
NEG WEST_LEA_LOCKPORT 23791	25.46 -2.06 0.00	28.20 -2.63 0.00	29.20 -2.69 0.00	29.72 -2.86 0.00	37.54 -3.70 0.00	36.63 -3.74 0.00	33.25 -3.81 0.00	33.60 -3.79 0.00	30.58 -3.74 0.00	24.59 -2.55 0.00	22.31 -2.11 0.00	20.65 -1.95 0.00	18.48 -1.91 0.00	16.42 -1.85 0.00	17.56 -1.99 0.00	19.94 -2.05 0.00	59.50 -6.53 0.00	29.35 -3.52 0.00	31.14 -3.84 0.00	27.25 -3.61 0.00	24.79 -3.37 0.00	29.65 -3.92 0.00	26.49 -3.31 0.00	22.00 -2.63 0.00
NEG WEST___LANCASTR 23811	26.71 -0.81 0.00	29.67 -1.15 0.00	30.75 -1.14 0.00	31.31 -1.28 0.00	39.40 -1.84 0.00	38.46 -1.91 0.00	35.12 -1.94 0.00	35.54 -1.86 0.00	32.30 -2.01 0.00	25.94 -1.19 0.00	23.56 -0.86 0.00	21.85 -0.75 0.00	19.57 -0.80 0.00	17.44 -0.82 0.00	18.62 -0.94 0.00	21.07 -0.92 0.00	62.83 -3.20 0.00	30.96 -1.91 0.00	32.85 -2.14 0.00	28.74 -2.12 0.00	26.10 -2.06 0.00	31.29 -2.28 0.00	28.03 -1.77 0.00	23.22 -1.40 0.00
NEG_PENN_ALLEGHNY 23528	27.32 -0.20 0.00	30.57 -0.25 0.00	31.58 -0.30 0.00	32.28 -0.30 0.00	40.83 -0.41 0.00	40.08 -0.29 0.00	37.11 0.05 0.00	37.49 0.09 0.00	34.05 -0.27 0.00	26.91 -0.22 0.00	24.28 -0.14 0.00	22.42 -0.18 0.00	20.17 -0.21 0.00	18.08 -0.19 0.00	19.31 -0.25 0.00	21.67 -0.32 0.00	65.14 -0.89 0.00	32.52 -0.34 0.00	34.71 -0.27 0.00	30.50 -0.36 0.00	27.63 -0.52 0.00	33.04 -0.53 0.00	29.43 -0.37 0.00	24.31 -0.31 0.00
NEG___GEN_MONROE 24207	26.42 -1.09 0.00	29.37 -1.45 0.00	30.40 -1.49 0.00	30.99 -1.60 0.00	39.17 -2.07 0.00	38.33 -2.05 0.00	35.07 -1.99 0.00	35.46 -1.94 0.00	32.20 -2.12 0.00	25.63 -1.51 0.00	23.19 -1.23 0.00	21.45 -1.15 0.00	19.24 -1.14 0.00	17.15 -1.11 0.00	18.34 -1.22 0.00	20.74 -1.25 0.00	62.29 -3.74 0.00	30.91 -1.96 0.00	32.92 -2.06 0.00	28.87 -1.99 0.00	26.26 -1.90 0.00	31.35 -2.23 0.00	27.92 -1.88 0.00	23.11 -1.52 0.00
NEPA___ENERGY 23901	25.96 -1.56 0.00	28.89 -1.93 0.00	29.96 -1.93 0.00	30.61 -1.97 0.00	38.51 -2.73 0.00	37.81 -2.57 0.00	34.82 -2.24 0.00	35.15 -2.25 0.00	31.74 -2.58 0.00	25.41 -1.73 0.00	23.15 -1.27 0.00	21.39 -1.21 0.00	19.17 -1.21 0.00	17.13 -1.14 0.00	18.29 -1.27 0.00	20.51 -1.48 0.00	61.14 -4.89 0.00	30.19 -2.68 0.00	32.22 -2.76 0.00	28.20 -2.66 0.00	25.45 -2.71 0.00	30.62 -2.96 0.00	27.54 -2.26 0.00	22.91 -1.71 0.00
NEVERSINK___HYD 23608	28.75 1.24 0.00	32.46 1.64 0.00	33.67 1.79 0.00	34.45 1.87 0.00	43.63 2.39 0.00	43.06 2.69 0.00	40.08 3.02 0.00	40.57 3.17 0.00	36.62 2.30 0.00	28.64 1.50 0.00	25.77 1.35 0.00	23.62 1.02 0.00	20.72 0.34 0.00	18.45 0.18 0.00	19.61 0.06 0.00	22.11 0.11 0.00	66.85 0.82 0.00	33.77 0.90 0.00	36.19 1.21 0.00	31.92 1.06 0.00	29.66 1.51 0.00	35.24 1.67 0.00	31.32 1.52 0.00	25.72 1.10 0.00
NEWKRMKL_115KV_TB1 55635	28.09 0.57 0.00	31.31 0.49 0.00	32.49 0.60 0.00	33.22 0.64 0.00	42.09 0.85 0.00	41.35 0.98 0.00	38.25 1.19 0.00	38.58 1.18 0.00	35.16 0.84 0.00	27.56 0.42 0.00	24.64 0.22 0.00	22.78 0.18 0.00	20.59 0.21 0.00	18.46 0.19 0.00	19.81 0.25 0.00	22.30 0.31 0.00	67.26 1.23 0.00	33.76 0.90 0.00	36.09 1.11 0.00	31.78 0.91 0.00	28.85 0.70 0.00	34.41 0.84 0.00	30.48 0.68 0.00	25.08 0.45 0.00

NEWTON___FALLS_HYD 23847	27.73 0.21 0.00	31.21 0.38 0.00	32.24 0.35 0.00	32.89 0.31 0.00	41.56 0.32 0.00	40.41 0.04 0.00	36.97 -0.09 0.00	36.95 -0.45 0.00	33.92 -0.40 0.00	26.90 -0.24 0.00	24.37 -0.05 0.00	22.32 -0.28 0.00	20.11 -0.27 0.00	18.07 -0.19 0.00	19.27 -0.28 0.00	21.76 -0.24 0.00	65.47 -0.55 0.00	32.66 -0.21 0.00	34.61 -0.37 0.00	30.27 -0.59 0.00	27.56 -0.59 0.00	32.97 -0.61 0.00	29.29 -0.51 0.00	24.30 -0.32 0.00
NGRID_A1_DSASP 323792	25.00 -2.52 0.00	27.66 -3.16 0.00	28.62 -3.27 0.00	29.09 -3.49 0.00	36.75 -4.49 0.00	35.81 -4.56 0.00	32.42 -4.64 0.00	32.73 -4.67 0.00	29.83 -4.48 0.00	24.02 -3.11 0.00	21.82 -2.60 0.00	20.21 -2.39 0.00	18.08 -2.30 0.00	16.06 -2.20 0.00	17.20 -2.36 0.00	19.53 -2.46 0.00	58.15 -7.88 0.00	28.67 -4.20 0.00	30.36 -4.61 0.00	26.60 -4.26 0.00	24.22 -3.93 0.00	28.99 -4.59 0.00	25.88 -3.92 0.00	21.53 -3.09 0.00
NGRID_A2_DSASP 323793	25.00 -2.52 0.00	27.66 -3.16 0.00	28.62 -3.27 0.00	29.09 -3.49 0.00	36.75 -4.49 0.00	35.81 -4.56 0.00	32.42 -4.64 0.00	32.73 -4.67 0.00	29.83 -4.48 0.00	24.02 -3.11 0.00	21.82 -2.60 0.00	20.21 -2.39 0.00	18.08 -2.30 0.00	16.06 -2.20 0.00	17.20 -2.36 0.00	19.53 -2.46 0.00	58.15 -7.88 0.00	28.67 -4.20 0.00	30.36 -4.61 0.00	26.60 -4.26 0.00	24.22 -3.93 0.00	28.99 -4.59 0.00	25.88 -3.92 0.00	21.53 -3.09 0.00
NGRID_A4_DSASP 323807	25.00 -2.52 0.00	27.66 -3.16 0.00	28.62 -3.27 0.00	29.09 -3.49 0.00	36.75 -4.49 0.00	35.81 -4.56 0.00	32.42 -4.64 0.00	32.73 -4.67 0.00	29.83 -4.48 0.00	24.02 -3.11 0.00	21.82 -2.60 0.00	20.21 -2.39 0.00	18.08 -2.30 0.00	16.06 -2.20 0.00	17.20 -2.36 0.00	19.53 -2.46 0.00	58.15 -7.88 0.00	28.67 -4.20 0.00	30.36 -4.61 0.00	26.60 -4.26 0.00	24.22 -3.93 0.00	28.99 -4.59 0.00	25.88 -3.92 0.00	21.53 -3.09 0.00
NIAGARA_115E_LBMP 323715	25.00 -2.51 0.00	27.69 -3.13 0.00	28.69 -3.20 0.00	29.19 -3.39 0.00	36.88 -4.36 0.00	35.95 -4.42 0.00	32.57 -4.49 0.00	32.89 -4.51 0.00	29.96 -4.36 0.00	24.11 -3.03 0.00	21.89 -2.53 0.00	20.27 -2.33 0.00	18.14 -2.25 0.00	16.11 -2.15 0.00	17.25 -2.31 0.00	19.59 -2.41 0.00	58.35 -7.68 0.00	28.77 -4.09 0.00	30.50 -4.48 0.00	26.71 -4.15 0.00	24.31 -3.84 0.00	29.10 -4.48 0.00	25.98 -3.82 0.00	21.62 -3.01 0.00
NIAGARA_115W_LBMP 323714	24.94 -2.58 0.00	27.60 -3.23 0.00	28.54 -3.35 0.00	29.02 -3.57 0.00	36.65 -4.59 0.00	35.71 -4.66 0.00	32.34 -4.72 0.00	32.64 -4.76 0.00	29.74 -4.58 0.00	23.95 -3.19 0.00	21.75 -2.66 0.00	20.16 -2.44 0.00	18.03 -2.35 0.00	16.02 -2.25 0.00	17.15 -2.41 0.00	19.49 -2.51 0.00	58.01 -8.02 0.00	28.59 -4.28 0.00	30.28 -4.70 0.00	26.52 -4.34 0.00	24.16 -4.00 0.00	28.91 -4.67 0.00	25.81 -3.99 0.00	21.47 -3.15 0.00
NIAGARA_230_LBMP 323716	25.22 -2.30 0.00	27.95 -2.87 0.00	28.95 -2.94 0.00	29.47 -3.12 0.00	37.19 -4.05 0.00	36.26 -4.12 0.00	32.87 -4.19 0.00	33.24 -4.16 0.00	30.30 -4.02 0.00	24.39 -2.75 0.00	22.13 -2.29 0.00	20.52 -2.08 0.00	18.36 -2.02 0.00	16.33 -1.94 0.00	17.47 -2.09 0.00	19.83 -2.16 0.00	59.06 -6.97 0.00	29.11 -3.76 0.00	30.85 -4.13 0.00	27.02 -3.84 0.00	24.59 -3.56 0.00	29.45 -4.13 0.00	26.31 -3.49 0.00	21.85 -2.78 0.00
NIAGARA___115KV_198_GIBSON 55903	24.94 -2.58 0.00	27.60 -3.23 0.00	28.54 -3.35 0.00	29.02 -3.57 0.00	36.65 -4.59 0.00	35.71 -4.66 0.00	32.35 -4.71 0.00	32.64 -4.76 0.00	29.75 -4.57 0.00	23.95 -3.19 0.00	21.75 -2.66 0.00	20.16 -2.44 0.00	18.03 -2.35 0.00	16.02 -2.24 0.00	17.15 -2.41 0.00	19.49 -2.51 0.00	58.01 -8.02 0.00	28.59 -4.27 0.00	30.28 -4.69 0.00	26.52 -4.34 0.00	24.16 -3.99 0.00	28.89 -4.68 0.00	25.81 -3.99 0.00	21.47 -3.15 0.00
NIAGARA____ 23760	25.22 -2.30 0.00	27.95 -2.87 0.00	28.95 -2.94 0.00	29.47 -3.12 0.00	37.19 -4.05 0.00	36.26 -4.12 0.00	32.87 -4.19 0.00	33.24 -4.16 0.00	30.30 -4.02 0.00	24.39 -2.75 0.00	22.13 -2.29 0.00	20.52 -2.08 0.00	18.36 -2.02 0.00	16.33 -1.94 0.00	17.47 -2.09 0.00	19.83 -2.16 0.00	59.06 -6.97 0.00	29.11 -3.76 0.00	30.85 -4.13 0.00	27.02 -3.84 0.00	24.59 -3.56 0.00	29.45 -4.13 0.00	26.31 -3.49 0.00	21.85 -2.78 0.00
NINE_MILE_1 23575	26.28 -1.24 0.00	29.37 -1.46 0.00	30.37 -1.52 0.00	31.02 -1.56 0.00	39.27 -1.97 0.00	38.48 -1.89 0.00	35.43 -1.63 0.00	35.75 -1.65 0.00	32.67 -1.65 0.00	25.87 -1.27 0.00	23.41 -1.01 0.00	21.65 -0.95 0.00	19.52 -0.85 0.00	17.49 -0.77 0.00	18.72 -0.84 0.00	21.00 -0.99 0.00	62.86 -3.17 0.00	31.37 -1.50 0.00	33.41 -1.57 0.00	29.40 -1.46 0.00	26.79 -1.37 0.00	31.97 -1.61 0.00	28.41 -1.39 0.00	23.53 -1.09 0.00
NINE_MILE_2 23744	26.28 -1.24 0.00	29.37 -1.45 0.00	30.37 -1.52 0.00	31.03 -1.55 0.00	39.27 -1.97 0.00	38.48 -1.89 0.00	35.43 -1.63 0.00	35.76 -1.64 0.00	32.67 -1.65 0.00	25.87 -1.27 0.00	23.41 -1.01 0.00	21.65 -0.95 0.00	19.53 -0.85 0.00	17.50 -0.77 0.00	18.72 -0.84 0.00	21.00 -0.99 0.00	62.86 -3.17 0.00	31.37 -1.49 0.00	33.41 -1.57 0.00	29.41 -1.45 0.00	26.80 -1.36 0.00	31.97 -1.60 0.00	28.41 -1.39 0.00	23.53 -1.09 0.00
NM_CAPITAL___DRP 24208	28.11 0.59 0.00	31.34 0.52 0.00	32.52 0.63 0.00	33.26 0.68 0.00	42.12 0.88 0.00	41.38 1.00 0.00	38.27 1.21 0.00	38.59 1.20 0.00	35.17 0.85 0.00	27.57 0.43 0.00	24.63 0.22 0.00	22.79 0.18 0.00	20.60 0.22 0.00	18.46 0.20 0.00	19.82 0.26 0.00	22.30 0.31 0.00	67.20 1.17 0.00	33.74 0.87 0.00	36.09 1.11 0.00	31.77 0.91 0.00	28.85 0.70 0.00	34.43 0.85 0.00	30.49 0.69 0.00	25.08 0.46 0.00
NM_CENTRAL___DRP 24181	26.72 -0.79 0.00	29.84 -0.98 0.00	30.86 -1.03 0.00	31.53 -1.06 0.00	39.89 -1.35 0.00	39.08 -1.29 0.00	36.06 -1.01 0.00	36.39 -1.00 0.00	33.22 -1.10 0.00	26.35 -0.79 0.00	23.82 -0.60 0.00	22.01 -0.59 0.00	19.83 -0.55 0.00	17.76 -0.51 0.00	18.98 -0.57 0.00	21.32 -0.68 0.00	63.93 -2.09 0.00	31.94 -0.93 0.00	34.03 -0.95 0.00	29.92 -0.94 0.00	27.21 -0.94 0.00	32.47 -1.10 0.00	28.86 -0.94 0.00	23.87 -0.75 0.00
NM_FRONTIER___DRP 24179	24.94 -2.58 0.00	27.60 -3.23 0.00	28.54 -3.35 0.00	29.02 -3.57 0.00	36.65 -4.59 0.00	35.71 -4.66 0.00	32.35 -4.71 0.00	32.64 -4.76 0.00	29.75 -4.57 0.00	23.95 -3.19 0.00	21.75 -2.66 0.00	20.16 -2.44 0.00	18.03 -2.35 0.00	16.02 -2.24 0.00	17.15 -2.41 0.00	19.49 -2.51 0.00	58.01 -8.02 0.00	28.59 -4.27 0.00	30.28 -4.69 0.00	26.52 -4.34 0.00	24.16 -3.99 0.00	28.89 -4.68 0.00	25.81 -3.99 0.00	21.47 -3.15 0.00
NM_ST_REGIS___HYD 24053	28.11 0.59 0.00	31.71 0.89 0.00	32.67 0.78 0.00	33.30 0.71 0.00	42.10 0.86 0.00	40.74 0.37 0.00	37.09 0.03 0.00	37.27 -0.13 0.00	34.63 0.31 0.00	27.66 0.52 0.00	25.17 0.75 0.00	23.21 0.61 0.00	20.85 0.47 0.00	18.74 0.47 0.00	20.05 0.49 0.00	22.57 0.58 0.00	67.47 1.44 0.00	33.18 0.31 0.00	35.08 0.10 0.00	30.91 0.05 0.00	28.42 0.27 0.00	34.09 0.52 0.00	30.18 0.38 0.00	25.15 0.53 0.00

NORTHPORT___1 23551	29.12 1.61 0.00	32.29 1.47 0.00	33.24 1.35 0.00	33.96 1.37 0.00	42.62 1.38 0.00	42.13 1.76 0.00	39.42 2.36 0.00	40.05 2.65 0.00	36.41 2.09 0.00	28.57 1.44 0.00	25.83 1.41 0.00	23.97 1.37 0.00	21.55 1.17 0.00	19.37 1.10 0.00	20.75 1.20 0.00	23.40 1.41 0.00	70.10 4.07 0.00	35.01 2.14 0.00	37.61 2.63 0.00	33.07 2.21 0.00	30.03 1.87 0.00	35.57 2.00 0.00	31.58 1.78 0.00	25.96 1.34 0.00
NORTHPORT___2 23552	29.12 1.61 0.00	32.29 1.47 0.00	33.24 1.35 0.00	33.96 1.37 0.00	42.62 1.38 0.00	42.13 1.76 0.00	39.42 2.36 0.00	40.05 2.65 0.00	36.41 2.09 0.00	28.57 1.44 0.00	25.83 1.41 0.00	23.97 1.37 0.00	21.55 1.17 0.00	19.37 1.10 0.00	20.75 1.20 0.00	23.40 1.41 0.00	70.10 4.07 0.00	35.01 2.14 0.00	37.61 2.63 0.00	33.07 2.21 0.00	30.03 1.87 0.00	35.57 2.00 0.00	31.58 1.78 0.00	25.96 1.34 0.00
NORTHPORT___3 23553	29.01 1.49 0.00	32.18 1.36 0.00	33.17 1.28 0.00	33.90 1.32 0.00	42.62 1.38 0.00	42.09 1.72 0.00	39.39 2.33 0.00	40.01 2.61 0.00	36.35 2.03 0.00	28.50 1.36 0.00	25.71 1.29 0.00	23.86 1.26 0.00	21.46 1.08 0.00	19.28 1.02 0.00	20.67 1.12 0.00	23.30 1.31 0.00	69.97 3.94 0.00	34.98 2.11 0.00	37.54 2.56 0.00	33.03 2.16 0.00	29.97 1.82 0.00	35.53 1.96 0.00	31.54 1.74 0.00	25.90 1.28 0.00
NORTHPORT___4 23650	29.01 1.49 0.00	32.18 1.36 0.00	33.17 1.28 0.00	33.90 1.32 0.00	42.62 1.38 0.00	42.09 1.72 0.00	39.39 2.33 0.00	40.01 2.61 0.00	36.35 2.03 0.00	28.50 1.36 0.00	25.71 1.29 0.00	23.86 1.26 0.00	21.46 1.08 0.00	19.28 1.02 0.00	20.67 1.12 0.00	23.30 1.31 0.00	69.97 3.94 0.00	34.98 2.11 0.00	37.54 2.56 0.00	33.03 2.16 0.00	29.97 1.82 0.00	35.53 1.96 0.00	31.54 1.74 0.00	25.90 1.28 0.00
NORTHPORT___IC 23718	29.13 1.61 0.00	32.29 1.47 0.00	33.24 1.35 0.00	33.96 1.38 0.00	42.63 1.38 0.00	42.13 1.76 0.00	39.41 2.35 0.00	40.05 2.65 0.00	36.41 2.09 0.00	28.58 1.44 0.00	25.83 1.41 0.00	23.97 1.37 0.00	21.55 1.17 0.00	19.37 1.10 0.00	20.75 1.20 0.00	23.40 1.41 0.00	70.10 4.07 0.00	35.01 2.14 0.00	37.61 2.63 0.00	33.07 2.21 0.00	30.02 1.87 0.00	35.57 2.00 0.00	31.59 1.79 0.00	25.96 1.34 0.00
NORTH___COUNTRY_ESR 323785	28.15 0.63 0.00	31.59 0.77 0.00	32.39 0.49 0.00	32.94 0.36 0.00	42.10 0.86 0.00	41.06 0.69 0.00	37.54 0.48 0.00	37.68 0.28 0.00	35.17 0.85 0.00	27.94 0.81 0.00	25.20 0.78 0.00	23.21 0.62 0.00	20.92 0.54 0.00	18.87 0.61 0.00	20.29 0.74 0.00	22.71 0.71 0.00	68.19 2.16 0.00	33.74 0.87 0.00	35.59 0.61 0.00	31.22 0.36 0.00	28.37 0.22 0.00	33.98 0.40 0.00	29.71 -0.09 0.00	24.89 0.27 0.00
NPX_GEN_1385_PROXY 323591	26.75 1.45 2.21	32.12 1.30 0.00	33.06 1.17 0.00	33.92 1.33 0.00	42.57 1.33 0.00	42.08 1.70 0.00	39.35 2.29 0.00	39.62 2.22 0.00	34.42 1.85 1.74	28.17 1.17 0.14	25.60 1.18 0.00	23.83 1.24 0.00	21.45 1.07 0.00	19.26 1.00 0.00	20.65 1.09 0.00	23.20 1.20 0.00	69.54 3.50 0.00	34.50 1.66 0.03	37.18 2.20 0.00	32.61 1.75 0.00	29.77 1.62 0.00	34.86 1.69 0.40	31.72 1.50 -0.43	25.74 1.12 0.00
NPX_GEN_CSC 323557	26.65 1.35 2.21	31.96 1.14 0.00	32.90 1.01 0.00	33.63 1.05 0.00	42.28 1.04 0.00	41.72 1.35 0.00	39.10 2.04 0.00	39.96 2.56 0.00	34.34 1.77 1.74	28.01 1.01 0.14	25.74 1.32 0.00	23.92 1.32 0.00	21.44 1.06 0.00	19.29 1.03 0.00	20.67 1.11 0.00	23.34 1.35 0.00	70.33 4.30 0.00	35.38 2.53 0.02	37.98 3.00 0.00	33.52 2.65 0.00	30.38 2.23 0.00	35.47 2.30 0.40	32.08 1.85 -0.43	26.04 1.41 0.00
NSINS_S_GLNS_FALLS 23858	28.85 1.33 0.00	32.15 1.33 0.00	33.46 1.57 0.00	34.38 1.80 0.00	43.63 2.39 0.00	42.86 2.49 0.00	39.62 2.56 0.00	39.78 2.38 0.00	36.32 2.00 0.00	28.36 1.22 0.00	25.08 0.66 0.00	23.15 0.55 0.00	20.90 0.52 0.00	18.66 0.40 0.00	20.06 0.50 0.00	22.72 0.72 0.00	69.12 3.09 0.00	34.76 1.90 0.00	37.22 2.24 0.00	32.76 1.90 0.00	29.63 1.47 0.00	35.15 1.57 0.00	31.06 1.26 0.00	25.58 0.95 0.00
NUCOR_STEEL___DRP 24197	27.11 -0.41 0.00	30.42 -0.40 0.00	31.30 -0.59 0.00	31.99 -0.59 0.00	40.62 -0.62 0.00	39.76 -0.61 0.00	36.71 -0.35 0.00	37.05 -0.35 0.00	33.78 -0.54 0.00	26.71 -0.43 0.00	24.16 -0.26 0.00	22.29 -0.31 0.00	20.07 -0.31 0.00	17.89 -0.38 0.00	19.21 -0.34 0.00	21.62 -0.38 0.00	64.94 -1.09 0.00	32.31 -0.55 0.00	34.53 -0.44 0.00	30.41 -0.45 0.00	27.64 -0.52 0.00	32.84 -0.73 0.00	29.19 -0.61 0.00	24.24 -0.38 0.00
NUMBER_THREE_WT_PWR 323818	27.92 0.41 0.00	31.35 0.52 0.00	32.41 0.52 0.00	33.09 0.50 0.00	41.93 0.68 0.00	41.05 0.68 0.00	37.74 0.68 0.00	37.51 0.10 0.00	34.07 -0.25 0.00	26.88 -0.26 0.00	24.14 -0.28 0.00	21.99 -0.61 0.00	19.87 -0.51 0.00	17.88 -0.38 0.00	19.02 -0.54 0.00	21.49 -0.50 0.00	65.15 -0.88 0.00	32.98 0.12 0.00	34.95 -0.03 0.00	30.30 -0.57 0.00	27.17 -0.99 0.00	32.37 -1.21 0.00	28.79 -1.01 0.00	23.82 -0.81 0.00
NYISO_LBMP_REFERENCE 24008	27.52 0.00 0.00	30.82 0.00 0.00	31.89 0.00 0.00	32.58 0.00 0.00	41.24 0.00 0.00	40.37 0.00 0.00	37.06 0.00 0.00	37.40 0.00 0.00	34.32 0.00 0.00	27.14 0.00 0.00	24.42 0.00 0.00	22.60 0.00 0.00	20.38 0.00 0.00	18.26 0.00 0.00	19.56 0.00 0.00	22.00 0.00 0.00	66.03 0.00 0.00	32.87 0.00 0.00	34.98 0.00 0.00	30.86 0.00 0.00	28.15 0.00 0.00	33.57 0.00 0.00	29.80 0.00 0.00	24.62 0.00 0.00
NYPA_BRENTWD___GT 24164	29.49 1.97 0.00	32.64 1.82 0.00	33.60 1.71 0.00	34.33 1.75 0.00	43.16 1.92 0.00	42.68 2.31 0.00	39.92 2.86 0.00	40.55 3.15 0.00	36.85 2.53 0.00	28.88 1.74 0.00	26.07 1.65 0.00	24.16 1.56 0.00	21.72 1.34 0.00	19.51 1.25 0.00	20.92 1.36 0.00	23.62 1.63 0.00	71.02 4.99 0.00	35.55 2.69 0.00	38.22 3.24 0.00	33.58 2.72 0.00	30.45 2.30 0.00	36.06 2.48 0.00	31.97 2.17 0.00	26.25 1.63 0.00
NYPA_GOWANUS___GT5 24156	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 2.99 -7.92	36.66 2.34 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.89 2.03 0.00	29.89 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00
NYPA_GOWANUS___GT6 24157	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.78 2.72 0.00	48.31 2.99 -7.92	36.66 2.34 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.89 2.03 0.00	29.89 1.74 0.00	35.49 1.91 0.00	31.62 1.82 0.00	25.95 1.33 0.00

NYPA_HARLEM__RVR__GT1 24160	28.77 1.25 0.00	31.96 1.13 0.00	33.07 1.18 0.00	33.79 1.21 0.00	42.63 1.39 0.00	42.15 1.77 0.00	39.43 2.37 0.00	40.08 2.68 0.00	36.46 2.15 0.00	28.60 1.46 0.00	25.64 1.22 0.00	23.77 1.18 0.00	21.44 1.06 0.00	19.29 1.02 0.00	20.54 0.98 0.00	23.12 1.13 0.00	69.27 3.24 0.00	34.71 1.84 0.00	37.15 2.17 0.00	32.68 1.82 0.00	29.74 1.58 0.00	35.29 1.72 0.00	31.41 1.61 0.00	25.77 1.15 0.00
NYPA_HARLEM__RVR__GT2 24161	28.77 1.25 0.00	31.96 1.13 0.00	33.07 1.18 0.00	33.79 1.21 0.00	42.63 1.39 0.00	42.15 1.77 0.00	39.43 2.37 0.00	40.08 2.68 0.00	36.46 2.15 0.00	28.60 1.46 0.00	25.64 1.22 0.00	23.77 1.18 0.00	21.44 1.06 0.00	19.29 1.02 0.00	20.54 0.98 0.00	23.12 1.13 0.00	69.27 3.24 0.00	34.71 1.84 0.00	37.15 2.17 0.00	32.68 1.82 0.00	29.74 1.58 0.00	35.29 1.72 0.00	31.41 1.61 0.00	25.77 1.15 0.00
NYPA_KENT____GT 24152	28.97 1.45 0.00	32.21 1.39 0.00	33.31 1.43 0.00	34.04 1.46 0.00	42.96 1.72 0.00	42.45 2.08 0.00	39.70 2.64 0.00	45.11 2.92 -4.79	36.61 2.29 0.00	33.80 1.60 -5.06	25.78 1.36 0.00	23.91 1.31 0.00	21.56 1.17 0.00	19.35 1.08 0.00	20.68 1.11 -0.01	23.24 1.25 0.00	69.74 3.71 0.00	34.90 2.04 0.00	37.33 2.35 0.00	32.83 1.97 0.00	29.85 1.69 0.00	35.43 1.86 0.00	31.55 1.75 0.00	25.89 1.27 0.00
NYPA_POUCH1____GT 24155	28.99 1.48 0.00	32.24 1.42 0.00	33.35 1.46 0.00	34.08 1.50 0.00	43.00 1.76 0.00	42.49 2.12 0.00	39.71 2.65 0.00	48.24 2.93 -7.92	36.58 2.26 0.00	37.03 1.55 -8.35	25.74 1.32 0.00	23.87 1.27 0.00	21.54 1.15 -0.01	19.34 1.06 -0.01	20.66 1.08 -0.02	23.21 1.22 -0.01	69.57 3.54 0.00	34.83 1.97 0.00	37.20 2.28 0.06	32.76 1.92 0.03	29.80 1.65 0.00	35.36 1.79 0.00	31.54 1.74 0.00	25.91 1.29 0.00
NYPA_VERNON____GT2 24162	28.91 1.39 0.00	32.14 1.31 0.00	33.24 1.35 0.00	33.97 1.39 0.00	42.87 1.63 0.00	42.37 2.00 0.00	39.62 2.56 0.00	41.91 2.84 -1.67	36.56 2.24 0.00	30.47 1.56 -1.77	25.74 1.32 0.00	23.86 1.26 0.00	21.51 1.13 0.00	19.31 1.05 0.00	20.64 1.08 0.00	23.20 1.20 0.00	69.63 3.60 0.00	34.87 2.00 0.00	37.30 2.32 0.00	32.80 1.94 0.00	29.80 1.64 0.00	35.38 1.81 0.00	31.48 1.69 0.00	25.83 1.20 0.00
NYPA_VERNON____GT3 24163	28.91 1.39 0.00	32.14 1.31 0.00	33.24 1.35 0.00	33.97 1.39 0.00	42.87 1.63 0.00	42.37 2.00 0.00	39.62 2.56 0.00	41.91 2.84 -1.67	36.56 2.24 0.00	30.47 1.56 -1.77	25.74 1.32 0.00	23.86 1.26 0.00	21.51 1.13 0.00	19.31 1.05 0.00	20.64 1.08 0.00	23.20 1.20 0.00	69.63 3.60 0.00	34.87 2.00 0.00	37.30 2.32 0.00	32.80 1.94 0.00	29.80 1.64 0.00	35.38 1.81 0.00	31.48 1.69 0.00	25.83 1.20 0.00
NYPA__ASTORIA_CC1 323568	28.86 1.34 0.00	32.08 1.26 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.81 1.57 0.00	42.30 1.93 0.00	39.56 2.50 0.00	40.16 2.76 0.00	36.49 2.17 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.58 1.03 0.00	23.15 1.15 0.00	69.48 3.45 0.00	34.80 1.94 0.00	37.24 2.25 0.00	32.75 1.89 0.00	29.75 1.59 0.00	35.31 1.74 0.00	31.42 1.62 0.00	25.78 1.16 0.00
NYPA__ASTORIA_CC2 323569	28.86 1.34 0.00	32.08 1.26 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.81 1.57 0.00	42.30 1.93 0.00	39.56 2.50 0.00	40.16 2.76 0.00	36.49 2.17 0.00	28.64 1.51 0.00	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.58 1.03 0.00	23.15 1.15 0.00	69.48 3.45 0.00	34.80 1.94 0.00	37.24 2.25 0.00	32.75 1.89 0.00	29.75 1.59 0.00	35.31 1.74 0.00	31.42 1.62 0.00	25.78 1.16 0.00
NYPA__HOLTSVILL 23794	29.02 1.51 0.00	32.15 1.33 0.00	33.11 1.22 0.00	33.83 1.25 0.00	42.53 1.29 0.00	42.01 1.64 0.00	39.34 2.28 0.00	40.12 2.72 0.00	36.31 1.99 0.00	28.36 1.23 0.00	25.79 1.37 0.00	23.94 1.34 0.00	21.49 1.11 0.00	19.34 1.07 0.00	20.72 1.16 0.00	23.39 1.40 0.00	70.40 4.37 0.00	35.32 2.45 0.00	37.92 2.95 0.00	33.42 2.55 0.00	30.29 2.14 0.00	35.83 2.26 0.00	31.74 1.94 0.00	26.07 1.45 0.00
NYPA__HELLGATE_GT1 24158	28.77 1.25 0.00	31.96 1.13 0.00	33.07 1.18 0.00	33.79 1.21 0.00	42.65 1.41 0.00	42.17 1.80 0.00	39.44 2.38 0.00	40.08 2.68 0.00	36.48 2.16 0.00	28.60 1.46 0.00	25.64 1.22 0.00	23.77 1.18 0.00	21.44 1.06 0.00	19.29 1.02 0.00	20.54 0.98 0.00	23.12 1.13 0.00	69.27 3.24 0.00	34.71 1.84 0.00	37.15 2.17 0.00	32.68 1.82 0.00	29.74 1.58 0.00	35.29 1.72 0.00	31.41 1.61 0.00	25.77 1.15 0.00
NYPA__HELLGATE_GT2 24159	28.77 1.25 0.00	31.96 1.13 0.00	33.07 1.18 0.00	33.79 1.21 0.00	42.65 1.41 0.00	42.17 1.80 0.00	39.44 2.38 0.00	40.08 2.68 0.00	36.48 2.16 0.00	28.60 1.46 0.00	25.64 1.22 0.00	23.77 1.18 0.00	21.44 1.06 0.00	19.29 1.02 0.00	20.54 0.98 0.00	23.12 1.13 0.00	69.27 3.24 0.00	34.71 1.84 0.00	37.15 2.17 0.00	32.68 1.82 0.00	29.74 1.58 0.00	35.29 1.72 0.00	31.41 1.61 0.00	25.77 1.15 0.00
NYS_BARGE__HYD 23848	25.47 -2.05 0.00	28.22 -2.60 0.00	29.23 -2.66 0.00	29.74 -2.84 0.00	37.58 -3.66 0.00	36.66 -3.71 0.00	33.28 -3.78 0.00	33.65 -3.75 0.00	30.60 -3.71 0.00	24.60 -2.54 0.00	22.30 -2.11 0.00	20.64 -1.96 0.00	18.46 -1.92 0.00	16.40 -1.86 0.00	17.56 -2.00 0.00	19.93 -2.06 0.00	59.50 -6.54 0.00	29.37 -3.50 0.00	31.17 -3.82 0.00	27.29 -3.57 0.00	24.81 -3.34 0.00	29.70 -3.88 0.00	26.51 -3.29 0.00	22.02 -2.60 0.00
OAK ORCHARD__HYD 24046	26.28 -1.24 0.00	29.23 -1.60 0.00	30.24 -1.65 0.00	30.84 -1.75 0.00	38.98 -2.25 0.00	38.12 -2.25 0.00	34.90 -2.16 0.00	35.29 -2.11 0.00	32.10 -2.22 0.00	25.57 -1.57 0.00	23.15 -1.28 0.00	21.42 -1.18 0.00	19.23 -1.15 0.00	17.16 -1.11 0.00	18.34 -1.22 0.00	20.72 -1.27 0.00	62.11 -3.92 0.00	30.84 -2.03 0.00	32.80 -2.17 0.00	28.79 -2.07 0.00	26.18 -1.97 0.00	31.27 -2.30 0.00	27.84 -1.95 0.00	23.04 -1.58 0.00
OAKDALE__35_KV_LOAD 356122	27.29 -0.22 0.00	30.54 -0.28 0.00	31.55 -0.33 0.00	32.25 -0.33 0.00	40.79 -0.46 0.00	40.04 -0.34 0.00	37.04 -0.02 0.00	37.42 0.02 0.00	33.99 -0.33 0.00	26.89 -0.25 0.00	24.26 -0.16 0.00	22.41 -0.19 0.00	20.16 -0.22 0.00	18.07 -0.19 0.00	19.31 -0.25 0.00	21.67 -0.32 0.00	65.11 -0.92 0.00	32.48 -0.38 0.00	34.67 -0.31 0.00	30.47 -0.39 0.00	27.62 -0.53 0.00	33.03 -0.55 0.00	29.42 -0.38 0.00	24.31 -0.31 0.00
OCC_CHEM__DRP 24175	25.00 -2.52 0.00	27.66 -3.16 0.00	28.62 -3.27 0.00	29.10 -3.49 0.00	36.75 -4.49 0.00	35.81 -4.56 0.00	32.44 -4.63 0.00	32.74 -4.66 0.00	29.84 -4.48 0.00	24.02 -3.12 0.00	21.82 -2.60 0.00	20.21 -2.39 0.00	18.08 -2.30 0.00	16.06 -2.20 0.00	17.20 -2.36 0.00	19.54 -2.46 0.00	58.15 -7.88 0.00	28.67 -4.20 0.00	30.37 -4.61 0.00	26.59 -4.27 0.00	24.22 -3.93 0.00	28.97 -4.60 0.00	25.88 -3.92 0.00	21.52 -3.10 0.00

OH_GEN_PROXY 24063	23.07 -2.23 2.21	28.04 -2.79 0.00	29.04 -2.85 0.00	29.57 -3.02 0.00	37.31 -3.93 0.00	36.37 -4.00 0.00	32.99 -4.07 0.00	33.39 -4.01 0.00	28.68 -3.89 1.74	24.34 -2.66 0.14	22.22 -2.20 0.00	20.59 -2.01 0.00	18.44 -1.94 0.00	16.40 -1.86 0.00	17.55 -2.01 0.00	19.91 -2.09 0.00	59.32 -6.71 0.00	29.20 -3.64 0.02	30.98 -4.00 0.00	27.14 -3.72 0.00	24.70 -3.46 0.00	29.18 -3.99 0.40	26.85 -3.37 -0.43	21.93 -2.69 0.00
OLIN_CORP_DRP 24177	25.06 -2.46 0.00	27.76 -3.06 0.00	28.75 -3.14 0.00	29.26 -3.32 0.00	36.96 -4.28 0.00	36.04 -4.33 0.00	32.67 -4.40 0.00	32.98 -4.42 0.00	30.05 -4.28 0.00	24.17 -2.97 0.00	21.94 -2.48 0.00	20.32 -2.28 0.00	18.19 -2.19 0.00	16.16 -2.10 0.00	17.30 -2.26 0.00	19.64 -2.35 0.00	58.53 -7.50 0.00	28.86 -4.01 0.00	30.60 -4.38 0.00	26.78 -4.08 0.00	24.39 -3.76 0.00	29.17 -4.41 0.00	26.05 -3.75 0.00	21.66 -2.96 0.00
OLIN_CORP_DSASP 323712	25.00 -2.52 0.00	27.66 -3.16 0.00	28.62 -3.27 0.00	29.09 -3.49 0.00	36.75 -4.49 0.00	35.81 -4.56 0.00	32.42 -4.64 0.00	32.73 -4.67 0.00	29.83 -4.48 0.00	24.02 -3.11 0.00	21.82 -2.60 0.00	20.21 -2.39 0.00	18.08 -2.30 0.00	16.06 -2.20 0.00	17.20 -2.36 0.00	19.53 -2.46 0.00	58.15 -7.88 0.00	28.67 -4.20 0.00	30.36 -4.61 0.00	26.60 -4.26 0.00	24.22 -3.93 0.00	28.99 -4.59 0.00	25.88 -3.92 0.00	21.53 -3.09 0.00
ONEIDA_HERK_LFGE 323681	28.16 0.64 0.00	31.52 0.70 0.00	32.59 0.70 0.00	33.28 0.70 0.00	42.17 0.93 0.00	41.37 0.99 0.00	38.13 1.07 0.00	38.22 0.83 0.00	34.84 0.52 0.00	27.47 0.33 0.00	24.65 0.23 0.00	22.62 0.02 0.00	20.41 0.03 0.00	18.30 0.04 0.00	19.53 -0.03 0.00	22.01 0.02 0.00	66.61 0.58 0.00	33.49 0.62 0.00	35.64 0.66 0.00	31.17 0.31 0.00	28.17 0.02 0.00	33.58 0.01 0.00	29.82 0.02 0.00	24.61 -0.01 0.00
ONEIDA___115KV_TB4 55905	28.18 0.66 0.00	31.50 0.67 0.00	32.57 0.67 0.00	33.26 0.68 0.00	42.12 0.88 0.00	41.36 0.98 0.00	38.21 1.15 0.00	38.51 1.11 0.00	35.17 0.85 0.00	27.75 0.61 0.00	24.86 0.43 0.00	22.89 0.28 0.00	20.62 0.24 0.00	18.43 0.17 0.00	19.66 0.10 0.00	22.13 0.14 0.00	66.96 0.92 0.00	33.62 0.76 0.00	35.88 0.90 0.00	31.47 0.61 0.00	28.55 0.40 0.00	34.02 0.45 0.00	30.20 0.40 0.00	24.88 0.26 0.00
ONONDAGA_REF_OCCRA 23987	26.99 -0.53 0.00	30.14 -0.68 0.00	31.16 -0.72 0.00	31.83 -0.75 0.00	40.29 -0.95 0.00	39.50 -0.87 0.00	36.47 -0.59 0.00	36.81 -0.59 0.00	33.54 -0.78 0.00	26.54 -0.60 0.00	23.98 -0.44 0.00	22.15 -0.44 0.00	19.95 -0.43 0.00	17.88 -0.39 0.00	19.12 -0.44 0.00	21.48 -0.52 0.00	64.48 -1.55 0.00	32.24 -0.63 0.00	34.37 -0.61 0.00	30.21 -0.65 0.00	27.47 -0.68 0.00	32.78 -0.80 0.00	29.13 -0.67 0.00	24.08 -0.54 0.00
ONONDAGA___COGEN 23986	26.93 -0.59 0.00	30.11 -0.72 0.00	31.10 -0.79 0.00	31.79 -0.79 0.00	40.25 -0.99 0.00	39.46 -0.91 0.00	36.42 -0.64 0.00	36.74 -0.66 0.00	33.48 -0.84 0.00	26.52 -0.62 0.00	23.97 -0.45 0.00	22.15 -0.44 0.00	19.96 -0.42 0.00	17.86 -0.40 0.00	19.11 -0.45 0.00	21.48 -0.52 0.00	64.43 -1.60 0.00	32.18 -0.69 0.00	34.29 -0.68 0.00	30.16 -0.70 0.00	27.44 -0.71 0.00	32.72 -0.85 0.00	29.07 -0.72 0.00	24.06 -0.56 0.00
ONTARIO___LFGE 23819	27.15 -0.37 0.00	30.36 -0.46 0.00	31.26 -0.63 0.00	31.95 -0.63 0.00	40.49 -0.76 0.00	39.69 -0.68 0.00	36.73 -0.34 0.00	37.10 -0.30 0.00	33.54 -0.78 0.00	26.48 -0.66 0.00	23.87 -0.55 0.00	22.02 -0.58 0.00	19.78 -0.60 0.00	17.69 -0.57 0.00	18.90 -0.66 0.00	21.26 -0.73 0.00	63.78 -2.25 0.00	31.99 -0.87 0.00	34.01 -0.97 0.00	29.92 -0.94 0.00	27.16 -1.00 0.00	32.40 -1.17 0.00	28.91 -0.89 0.00	23.92 -0.71 0.00
ORANGEVILLE_WT_PWR 323706	25.35 -2.17 0.00	28.16 -2.66 0.00	29.24 -2.65 0.00	29.74 -2.85 0.00	37.55 -3.69 0.00	36.71 -3.66 0.00	33.35 -3.72 0.00	33.64 -3.75 0.00	30.72 -3.60 0.00	24.83 -2.31 0.00	22.54 -1.88 0.00	20.90 -1.70 0.00	18.73 -1.65 0.00	16.68 -1.58 0.00	17.83 -1.73 0.00	20.20 -1.80 0.00	59.98 -6.05 0.00	29.55 -3.32 0.00	31.25 -3.73 0.00	27.25 -3.61 0.00	24.59 -3.56 0.00	29.50 -4.07 0.00	26.48 -3.32 0.00	21.97 -2.65 0.00
ORANGEVILLE___ESR 323794	25.35 -2.17 0.00	28.16 -2.66 0.00	29.24 -2.65 0.00	29.74 -2.85 0.00	37.55 -3.69 0.00	36.71 -3.66 0.00	33.35 -3.72 0.00	33.64 -3.75 0.00	30.72 -3.60 0.00	24.83 -2.31 0.00	22.54 -1.88 0.00	20.90 -1.70 0.00	18.73 -1.65 0.00	16.68 -1.58 0.00	17.83 -1.73 0.00	20.20 -1.80 0.00	59.98 -6.05 0.00	29.55 -3.32 0.00	31.25 -3.73 0.00	27.25 -3.61 0.00	24.59 -3.56 0.00	29.50 -4.07 0.00	26.48 -3.32 0.00	21.97 -2.65 0.00
OSWEGATCHIE___HYD 24044	27.73 0.21 0.00	31.21 0.39 0.00	32.24 0.35 0.00	32.89 0.31 0.00	41.56 0.32 0.00	40.41 0.04 0.00	36.97 -0.09 0.00	36.95 -0.45 0.00	33.92 -0.40 0.00	26.90 -0.24 0.00	24.37 -0.05 0.00	22.32 -0.28 0.00	20.11 -0.27 0.00	18.07 -0.19 0.00	19.27 -0.29 0.00	21.76 -0.24 0.00	65.48 -0.55 0.00	32.66 -0.21 0.00	34.61 -0.37 0.00	30.27 -0.59 0.00	27.56 -0.59 0.00	32.96 -0.61 0.00	29.29 -0.51 0.00	24.30 -0.32 0.00
OSWEGO___5 23606	26.49 -1.03 0.00	29.61 -1.22 0.00	30.62 -1.27 0.00	31.28 -1.31 0.00	39.59 -1.66 0.00	38.80 -1.57 0.00	35.72 -1.34 0.00	36.05 -1.34 0.00	32.94 -1.38 0.00	26.07 -1.06 0.00	23.57 -0.85 0.00	21.80 -0.79 0.00	19.65 -0.73 0.00	17.61 -0.66 0.00	18.83 -0.72 0.00	21.14 -0.85 0.00	63.34 -2.69 0.00	31.62 -1.25 0.00	33.67 -1.31 0.00	29.63 -1.23 0.00	26.99 -1.17 0.00	32.20 -1.38 0.00	28.61 -1.19 0.00	23.69 -0.93 0.00
OSWEGO___6 23613	26.49 -1.03 0.00	29.61 -1.22 0.00	30.62 -1.27 0.00	31.28 -1.31 0.00	39.59 -1.66 0.00	38.80 -1.57 0.00	35.72 -1.34 0.00	36.05 -1.34 0.00	32.94 -1.38 0.00	26.07 -1.06 0.00	23.57 -0.85 0.00	21.80 -0.79 0.00	19.65 -0.73 0.00	17.61 -0.66 0.00	18.83 -0.72 0.00	21.14 -0.85 0.00	63.34 -2.69 0.00	31.62 -1.25 0.00	33.67 -1.31 0.00	29.63 -1.23 0.00	26.99 -1.17 0.00	32.20 -1.38 0.00	28.61 -1.19 0.00	23.69 -0.93 0.00
OUTOKUMPU-AB___DRP 24206	25.70 -1.82 0.00	28.46 -2.36 0.00	29.48 -2.41 0.00	29.99 -2.59 0.00	37.87 -3.37 0.00	36.97 -3.40 0.00	33.60 -3.46 0.00	33.95 -3.45 0.00	30.90 -3.42 0.00	24.87 -2.27 0.00	22.55 -1.87 0.00	20.86 -1.74 0.00	18.65 -1.73 0.00	16.57 -1.70 0.00	17.75 -1.81 0.00	20.14 -1.85 0.00	60.06 -5.97 0.00	29.62 -3.25 0.00	31.42 -3.56 0.00	27.50 -3.37 0.00	25.00 -3.15 0.00	29.93 -3.65 0.00	26.73 -3.07 0.00	22.18 -2.44 0.00
OXBOW___BTM 323836	25.40 -2.12 0.00	28.12 -2.70 0.00	29.10 -2.79 0.00	29.61 -2.98 0.00	37.39 -3.85 0.00	36.47 -3.90 0.00	33.09 -3.97 0.00	33.43 -3.97 0.00	30.44 -3.88 0.00	24.51 -2.63 0.00	22.22 -2.20 0.00	20.55 -2.05 0.00	18.34 -2.04 0.00	16.27 -2.00 0.00	17.45 -2.11 0.00	19.85 -2.14 0.00	59.14 -6.89 0.00	29.17 -3.70 0.00	30.91 -4.06 0.00	27.07 -3.79 0.00	24.63 -3.53 0.00	29.48 -4.09 0.00	26.32 -3.48 0.00	21.86 -2.76 0.00

OXBOW____ 24026	25.40 -2.12 0.00	28.12 -2.70 0.00	29.10 -2.79 0.00	29.61 -2.98 0.00	37.39 -3.85 0.00	36.47 -3.90 0.00	33.10 -3.96 0.00	33.43 -3.97 0.00	30.45 -3.87 0.00	24.50 -2.64 0.00	22.22 -2.20 0.00	20.56 -2.05 0.00	18.34 -2.04 0.00	16.27 -2.00 0.00	17.45 -2.11 0.00	19.85 -2.14 0.00	59.14 -6.89 0.00	29.16 -3.71 0.00	30.92 -4.06 0.00	27.07 -3.79 0.00	24.64 -3.52 0.00	29.47 -4.11 0.00	26.32 -3.48 0.00	21.86 -2.76 0.00
OXY_CHEM_DSASP 323612	25.00 -2.52 0.00	27.66 -3.16 0.00	28.62 -3.27 0.00	29.10 -3.49 0.00	36.75 -4.49 0.00	35.81 -4.56 0.00	32.44 -4.63 0.00	32.74 -4.66 0.00	29.84 -4.48 0.00	24.02 -3.12 0.00	21.82 -2.60 0.00	20.21 -2.39 0.00	18.08 -2.30 0.00	16.06 -2.20 0.00	17.20 -2.36 0.00	19.54 -2.46 0.00	58.15 -7.88 0.00	28.67 -4.20 0.00	30.37 -4.61 0.00	26.59 -4.27 0.00	24.22 -3.93 0.00	28.97 -4.60 0.00	25.88 -3.92 0.00	21.52 -3.10 0.00
OZONE_PARK_ESR 323760	29.09 1.57 0.00	32.33 1.51 0.00	33.43 1.55 0.00	34.17 1.58 0.00	43.13 1.89 0.00	42.62 2.24 0.00	39.89 2.82 0.00	40.54 3.14 0.00	36.84 2.52 0.00	28.90 1.77 0.00	25.91 1.49 0.00	24.02 1.43 0.00	21.66 1.27 0.00	19.43 1.17 0.00	20.78 1.22 0.00	23.35 1.35 0.00	70.14 4.11 0.00	35.16 2.29 0.00	37.62 2.64 0.00	33.11 2.25 0.00	30.02 1.87 0.00	35.65 2.08 0.00	31.73 1.93 0.00	26.01 1.38 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.00 -2.52 0.00	27.66 -3.16 0.00	28.62 -3.27 0.00	29.10 -3.49 0.00	36.75 -4.49 0.00	35.81 -4.56 0.00	32.44 -4.63 0.00	32.74 -4.66 0.00	29.84 -4.48 0.00	24.02 -3.12 0.00	21.82 -2.60 0.00	20.21 -2.39 0.00	18.08 -2.30 0.00	16.06 -2.20 0.00	17.20 -2.36 0.00	19.54 -2.46 0.00	58.15 -7.88 0.00	28.67 -4.20 0.00	30.37 -4.61 0.00	26.59 -4.27 0.00	24.22 -3.93 0.00	28.97 -4.60 0.00	25.88 -3.92 0.00	21.52 -3.10 0.00
PACKARD__115KV_DUPONT_184 80571	25.00 -2.52 0.00	27.66 -3.16 0.00	28.62 -3.27 0.00	29.10 -3.49 0.00	36.75 -4.49 0.00	35.81 -4.56 0.00	32.44 -4.63 0.00	32.74 -4.66 0.00	29.84 -4.48 0.00	24.02 -3.12 0.00	21.82 -2.60 0.00	20.21 -2.39 0.00	18.08 -2.30 0.00	16.06 -2.20 0.00	17.20 -2.36 0.00	19.54 -2.46 0.00	58.15 -7.88 0.00	28.67 -4.20 0.00	30.37 -4.61 0.00	26.59 -4.27 0.00	24.22 -3.93 0.00	28.97 -4.60 0.00	25.88 -3.92 0.00	21.52 -3.10 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.82 1.31 0.00	32.03 1.21 0.00	33.14 1.25 0.00	33.87 1.28 0.00	42.74 1.50 0.00	42.26 1.89 0.00	39.50 2.44 0.00	40.07 2.67 0.00	36.41 2.10 0.00	28.55 1.41 0.00	25.59 1.17 0.00	23.73 1.13 0.00	21.39 1.01 0.00	19.22 0.96 0.00	20.49 0.93 0.00	23.07 1.07 0.00	69.18 3.16 0.00	34.66 1.80 0.00	37.13 2.15 0.00	32.66 1.79 0.00	29.69 1.54 0.00	35.22 1.65 0.00	31.35 1.55 0.00	25.73 1.10 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.08 1.56 0.00	32.22 1.40 0.00	33.33 1.44 0.00	34.01 1.43 0.00	43.00 1.76 0.00	42.60 2.23 0.00	39.80 2.74 0.00	40.43 3.03 0.00	36.76 2.44 0.00	28.78 1.64 0.00	25.77 1.34 0.00	23.87 1.27 0.00	21.55 1.16 0.00	19.31 1.05 0.00	20.60 1.04 0.00	23.17 1.18 0.00	69.52 3.49 0.00	34.85 1.99 0.00	37.36 2.38 0.00	32.89 2.03 0.00	29.86 1.71 0.00	35.43 1.85 0.00	31.53 1.73 0.00	25.86 1.24 0.00
PATROON__115KV_TB1 80586	28.16 0.64 0.00	31.39 0.57 0.00	32.57 0.68 0.00	33.31 0.72 0.00	42.19 0.95 0.00	41.46 1.09 0.00	38.36 1.30 0.00	38.69 1.29 0.00	35.25 0.93 0.00	27.64 0.50 0.00	24.70 0.28 0.00	22.85 0.25 0.00	20.64 0.26 0.00	18.51 0.24 0.00	19.86 0.30 0.00	22.36 0.36 0.00	67.46 1.43 0.00	33.86 0.99 0.00	36.19 1.22 0.00	31.86 1.00 0.00	28.93 0.78 0.00	34.51 0.93 0.00	30.56 0.76 0.00	25.14 0.52 0.00
PATTRSNVILLE__SOLAR 323815	28.47 0.96 0.00	31.80 0.97 0.00	32.92 1.04 0.00	33.67 1.09 0.00	42.65 1.41 0.00	41.88 1.50 0.00	38.66 1.60 0.00	39.00 1.60 0.00	35.60 1.28 0.00	27.90 0.76 0.00	24.95 0.53 0.00	23.06 0.46 0.00	20.81 0.43 0.00	18.64 0.38 0.00	19.98 0.42 0.00	22.45 0.46 0.00	67.89 1.86 0.00	34.10 1.24 0.00	36.42 1.44 0.00	32.08 1.21 0.00	29.15 0.99 0.00	34.72 1.14 0.00	30.79 0.99 0.00	25.38 0.76 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.50 -1.02 0.00	29.42 -1.40 0.00	30.49 -1.40 0.00	31.04 -1.54 0.00	39.10 -2.15 0.00	38.19 -2.19 0.00	34.83 -2.23 0.00	35.25 -2.15 0.00	32.05 -2.27 0.00	25.74 -1.40 0.00	23.37 -1.05 0.00	21.66 -0.94 0.00	19.40 -0.98 0.00	17.27 -0.99 0.00	18.45 -1.11 0.00	20.89 -1.10 0.00	62.28 -3.75 0.00	30.69 -2.18 0.00	32.57 -2.41 0.00	28.51 -2.36 0.00	25.88 -2.27 0.00	31.02 -2.56 0.00	27.77 -2.03 0.00	23.01 -1.62 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.08 1.56 0.00	32.35 1.52 0.00	33.48 1.59 0.00	34.22 1.64 0.00	43.31 2.07 0.00	42.74 2.36 0.00	39.84 2.78 0.00	40.41 3.02 0.00	36.64 2.32 0.00	28.71 1.58 0.00	25.71 1.29 0.00	23.79 1.18 0.00	21.43 1.05 0.00	19.22 0.96 0.00	20.59 1.04 0.00	23.18 1.18 0.00	69.83 3.80 0.00	35.07 2.21 0.00	37.60 2.62 0.00	33.06 2.20 0.00	29.98 1.83 0.00	35.62 2.05 0.00	31.66 1.86 0.00	25.98 1.35 0.00
PEEKSKILL____ 23653	28.71 1.19 0.00	31.94 1.12 0.00	33.06 1.17 0.00	33.80 1.21 0.00	42.72 1.48 0.00	42.15 1.78 0.00	39.32 2.26 0.00	39.92 2.52 0.00	36.21 1.89 0.00	28.40 1.26 0.00	25.48 1.07 0.00	23.62 1.02 0.00	21.28 0.90 0.00	19.10 0.84 0.00	20.45 0.89 0.00	22.99 1.00 0.00	69.13 3.11 0.00	34.67 1.80 0.00	37.13 2.15 0.00	32.66 1.80 0.00	29.61 1.46 0.00	35.19 1.61 0.00	31.32 1.52 0.00	25.71 1.09 0.00
PGE MADISON__WINDPWR 24146	29.62 2.10 0.00	33.46 2.64 0.00	34.36 2.47 0.00	35.22 2.64 0.00	44.74 3.50 0.00	44.03 3.65 0.00	41.01 3.95 0.00	41.15 3.75 0.00	37.03 2.71 0.00	28.98 1.84 0.00	26.03 1.61 0.00	23.81 1.21 0.00	21.34 0.96 0.00	19.05 0.78 0.00	20.36 0.81 0.00	22.93 0.93 0.00	70.37 4.34 0.00	35.19 2.32 0.00	37.38 2.40 0.00	32.46 1.60 0.00	29.22 1.06 0.00	34.83 1.25 0.00	31.05 1.25 0.00	25.78 1.16 0.00
PIERCEFIELD__HYD 23852	27.90 0.38 0.00	31.51 0.69 0.00	32.52 0.63 0.00	33.16 0.58 0.00	41.80 0.56 0.00	40.37 0.00 0.00	36.71 -0.35 0.00	36.89 -0.51 0.00	34.23 -0.09 0.00	27.36 0.23 0.00	24.96 0.54 0.00	23.04 0.44 0.00	20.69 0.31 0.00	18.59 0.32 0.00	19.88 0.32 0.00	22.42 0.42 0.00	66.87 0.84 0.00	32.83 -0.04 0.00	34.73 -0.25 0.00	30.64 -0.22 0.00	28.25 0.10 0.00	33.91 0.33 0.00	30.12 0.32 0.00	25.07 0.45 0.00
PINELAWN_CC_1 323563	29.26 1.74 0.00	32.44 1.62 0.00	33.45 1.56 0.00	34.17 1.59 0.00	43.01 1.77 0.00	42.53 2.16 0.00	39.80 2.74 0.00	40.46 3.06 0.00	36.70 2.38 0.00	28.74 1.61 0.00	25.89 1.48 0.00	24.00 1.40 0.00	21.58 1.20 0.00	19.39 1.12 0.00	20.79 1.23 0.00	23.46 1.47 0.00	70.52 4.49 0.00	35.34 2.48 0.00	37.96 2.98 0.00	33.39 2.52 0.00	30.29 2.13 0.00	35.88 2.30 0.00	31.84 2.05 0.00	26.13 1.51 0.00

PJM_GEN_HTP_PROXY 323702	28.80 1.29 0.00	32.03 1.21 0.00	33.13 1.24 0.00	33.87 1.28 0.00	42.74 1.50 0.00	45.89 1.85 -3.67	38.19 2.44 1.32	37.59 2.75 2.56	28.27 2.15 8.19	28.62 1.48 0.00	25.66 1.24 0.00	23.79 1.19 0.00	21.45 1.07 0.00	19.24 0.97 0.00	20.57 1.01 0.00	23.12 1.12 0.00	71.42 3.38 -2.01	32.32 1.93 2.47	37.24 2.26 0.00	32.76 1.90 0.00	29.71 1.56 0.00	35.29 1.72 0.00	31.43 1.63 0.00	25.77 1.14 0.00
PJM_GEN_KEystone 24065	27.39 -0.12 0.00	30.52 -0.30 0.00	31.60 -0.28 0.00	32.26 -0.33 0.00	40.67 -0.57 0.00	43.61 -0.43 -3.67	35.71 -0.03 1.32	42.39 0.15 -4.84	5.28 -0.30 28.74	26.91 -0.23 0.00	24.33 -0.08 0.00	22.55 -0.05 0.00	20.28 -0.10 0.00	18.16 -0.11 0.00	19.40 -0.15 0.00	21.82 -0.17 0.00	67.34 -0.70 -2.01	30.06 -0.34 2.47	34.77 -0.21 0.00	30.54 -0.32 0.00	27.66 -0.50 0.00	33.03 -0.55 0.00	29.55 -0.25 0.00	28.00 -0.27 -3.65
PJM_GEN_NEPTUNE_PROXY 323594	28.95 1.44 0.00	32.14 1.32 0.00	33.18 1.29 0.00	33.90 1.32 0.00	42.71 1.47 0.00	45.85 1.82 -3.67	38.12 2.38 1.32	37.53 2.69 2.56	28.20 2.08 8.19	28.54 1.40 0.00	25.69 1.28 0.00	23.82 1.22 0.00	21.44 1.06 0.00	19.26 0.99 0.00	20.63 1.08 0.00	23.26 1.26 0.00	71.80 3.76 -2.01	32.43 2.03 2.47	37.50 2.52 0.00	32.97 2.11 0.00	29.92 1.76 0.00	35.50 1.93 0.00	31.54 1.74 0.00	25.88 1.26 0.00
PJM_GEN_VFT_PROXY 323633	28.65 1.14 0.00	31.87 1.05 0.00	32.97 1.08 0.00	33.69 1.11 0.00	42.52 1.27 0.00	45.67 1.63 -3.67	37.98 2.24 1.32	37.38 2.54 2.56	28.04 1.91 8.20	28.45 1.31 0.00	25.52 1.10 0.00	23.68 1.08 0.00	21.36 0.98 0.00	19.17 0.90 0.00	20.50 0.94 0.00	23.02 1.02 0.00	71.06 3.02 -2.01	32.14 1.75 2.47	37.03 2.05 0.00	32.58 1.72 0.00	29.54 1.39 0.00	35.08 1.50 0.00	31.25 1.45 0.00	25.63 1.00 0.00
PLATSBRG_115KV_PMLD1 355749	28.38 0.86 0.00	31.82 1.00 0.00	32.65 0.76 0.00	33.19 0.61 0.00	42.44 1.19 0.00	41.42 1.05 0.00	37.94 0.88 0.00	37.89 0.49 0.00	35.42 1.11 0.00	28.14 1.00 0.00	25.38 0.96 0.00	23.35 0.75 0.00	21.08 0.71 0.00	19.03 0.77 0.00	20.51 0.95 0.00	22.96 0.96 0.00	69.02 2.99 0.00	34.20 1.33 0.00	36.09 1.11 0.00	31.62 0.75 0.00	28.67 0.51 0.00	34.31 0.74 0.00	29.92 0.12 0.00	25.17 0.54 0.00
PLEASANTVLY__LBMP 24000	28.62 1.10 0.00	31.84 1.01 0.00	32.98 1.09 0.00	33.72 1.14 0.00	42.67 1.43 0.00	42.06 1.69 0.00	39.11 2.05 0.00	39.63 2.23 0.00	35.99 1.67 0.00	28.22 1.08 0.00	25.26 0.84 0.00	23.38 0.78 0.00	21.08 0.70 0.00	18.93 0.66 0.00	20.28 0.72 0.00	22.81 0.81 0.00	68.64 2.61 0.00	34.48 1.61 0.00	36.93 1.95 0.00	32.47 1.61 0.00	29.47 1.31 0.00	35.04 1.47 0.00	31.15 1.35 0.00	25.58 0.96 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.79 1.27 0.00	32.02 1.21 0.00	33.15 1.26 0.00	33.88 1.30 0.00	42.82 1.58 0.00	42.26 1.88 0.00	39.41 2.35 0.00	40.00 2.61 0.00	36.31 1.99 0.00	28.48 1.34 0.00	25.54 1.12 0.00	23.66 1.05 0.00	21.32 0.94 0.00	19.13 0.87 0.00	20.48 0.92 0.00	23.04 1.04 0.00	69.26 3.23 0.00	34.76 1.89 0.00	37.23 2.25 0.00	32.73 1.87 0.00	29.69 1.54 0.00	35.29 1.72 0.00	31.38 1.59 0.00	25.76 1.14 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.79 1.27 0.00	32.02 1.21 0.00	33.15 1.26 0.00	33.88 1.30 0.00	42.82 1.58 0.00	42.26 1.88 0.00	39.41 2.35 0.00	40.00 2.61 0.00	36.31 1.99 0.00	28.48 1.34 0.00	25.54 1.12 0.00	23.66 1.05 0.00	21.32 0.94 0.00	19.13 0.87 0.00	20.48 0.92 0.00	23.04 1.04 0.00	69.26 3.23 0.00	34.76 1.89 0.00	37.23 2.25 0.00	32.73 1.87 0.00	29.69 1.54 0.00	35.29 1.72 0.00	31.38 1.59 0.00	25.76 1.14 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.90 1.38 0.00	32.13 1.31 0.00	33.29 1.40 0.00	34.03 1.45 0.00	43.09 1.85 0.00	42.48 2.11 0.00	39.52 2.46 0.00	40.04 2.64 0.00	36.31 1.99 0.00	28.43 1.30 0.00	25.41 0.99 0.00	23.51 0.91 0.00	21.18 0.80 0.00	19.02 0.75 0.00	20.38 0.82 0.00	22.95 0.95 0.00	69.23 3.20 0.00	34.80 1.93 0.00	37.30 2.32 0.00	32.80 1.94 0.00	29.76 1.61 0.00	35.38 1.80 0.00	31.42 1.62 0.00	25.80 1.18 0.00
POLETTI____ 23519	28.76 1.24 0.00	31.97 1.15 0.00	33.07 1.18 0.00	33.80 1.22 0.00	42.68 1.44 0.00	42.17 1.80 0.00	39.44 2.38 0.00	40.08 2.69 0.00	36.43 2.11 0.00	28.60 1.46 0.00	25.61 1.19 0.00	23.76 1.16 0.00	21.42 1.04 0.00	19.23 0.96 0.00	20.56 1.00 0.00	23.09 1.10 0.00	69.34 3.31 0.00	34.75 1.89 0.00	37.17 2.19 0.00	32.71 1.85 0.00	29.66 1.51 0.00	35.23 1.66 0.00	31.36 1.57 0.00	25.72 1.10 0.00
POMONA____ESR 323819	28.72 1.20 0.00	31.97 1.15 0.00	33.09 1.20 0.00	33.82 1.24 0.00	42.76 1.52 0.00	42.19 1.82 0.00	39.35 2.29 0.00	39.94 2.54 0.00	36.21 1.89 0.00	28.39 1.25 0.00	25.51 1.09 0.00	23.65 1.04 0.00	21.30 0.92 0.00	19.12 0.86 0.00	20.47 0.91 0.00	23.01 1.02 0.00	69.20 3.17 0.00	34.70 1.83 0.00	37.15 2.18 0.00	32.67 1.81 0.00	29.62 1.46 0.00	35.18 1.60 0.00	31.33 1.53 0.00	25.73 1.11 0.00
PORT_JEFF_3 23555	29.09 1.57 0.00	32.22 1.40 0.00	33.17 1.28 0.00	33.90 1.32 0.00	42.62 1.38 0.00	42.11 1.74 0.00	39.43 2.37 0.00	40.21 2.81 0.00	36.39 2.07 0.00	28.42 1.29 0.00	25.84 1.42 0.00	23.98 1.39 0.00	21.53 1.15 0.00	19.37 1.10 0.00	20.75 1.19 0.00	23.44 1.44 0.00	70.56 4.52 0.00	35.41 2.55 0.00	38.03 3.05 0.00	33.50 2.63 0.00	30.37 2.22 0.00	35.92 2.35 0.00	31.80 2.00 0.00	26.13 1.50 0.00
PORT_JEFF_4 23616	29.09 1.57 0.00	32.22 1.40 0.00	33.17 1.28 0.00	33.90 1.32 0.00	42.62 1.38 0.00	42.11 1.74 0.00	39.43 2.37 0.00	40.21 2.81 0.00	36.39 2.07 0.00	28.42 1.29 0.00	25.84 1.42 0.00	23.98 1.39 0.00	21.53 1.15 0.00	19.37 1.10 0.00	20.75 1.19 0.00	23.44 1.44 0.00	70.56 4.52 0.00	35.41 2.55 0.00	38.03 3.05 0.00	33.50 2.63 0.00	30.37 2.22 0.00	35.92 2.35 0.00	31.80 2.00 0.00	26.13 1.50 0.00
PORT_JEFF_IC 23713	29.12 1.60 0.00	32.24 1.42 0.00	33.20 1.31 0.00	33.93 1.35 0.00	42.66 1.42 0.00	42.15 1.78 0.00	39.47 2.41 0.00	40.25 2.85 0.00	36.42 2.10 0.00	28.45 1.32 0.00	25.86 1.44 0.00	23.99 1.39 0.00	21.54 1.16 0.00	19.38 1.12 0.00	20.77 1.21 0.00	23.45 1.46 0.00	70.62 4.59 0.00	35.45 2.58 0.00	38.09 3.11 0.00	33.53 2.67 0.00	30.40 2.24 0.00	35.95 2.38 0.00	31.83 2.03 0.00	26.15 1.52 0.00
PPL PILGRIM_ST_GT1 24216	29.49 1.97 0.00	32.64 1.82 0.00	33.60 1.71 0.00	34.33 1.75 0.00	43.16 1.92 0.00	42.68 2.31 0.00	39.92 2.86 0.00	40.55 3.15 0.00	36.85 2.53 0.00	28.88 1.74 0.00	26.07 1.65 0.00	24.16 1.56 0.00	21.72 1.34 0.00	19.51 1.25 0.00	20.92 1.36 0.00	23.62 1.63 0.00	71.02 4.99 0.00	35.55 2.69 0.00	38.22 3.24 0.00	33.58 2.72 0.00	30.45 2.30 0.00	36.06 2.48 0.00	31.97 2.17 0.00	26.25 1.63 0.00

PPL PILGRIM_ST_GT2 24217	29.49 1.97 0.00	32.64 1.82 0.00	33.60 1.71 0.00	34.33 1.75 0.00	43.16 1.92 0.00	42.68 2.31 0.00	39.92 2.86 0.00	40.55 3.15 0.00	36.85 2.53 0.00	28.88 1.74 0.00	26.07 1.65 0.00	24.16 1.56 0.00	21.72 1.34 0.00	19.51 1.25 0.00	20.92 1.36 0.00	23.62 1.63 0.00	71.02 4.99 0.00	35.55 2.69 0.00	38.22 3.24 0.00	33.58 2.72 0.00	30.45 2.30 0.00	36.06 2.48 0.00	31.97 2.17 0.00	26.25 1.63 0.00
PPL_SHRM_GT3 24213	28.85 1.34 0.00	31.93 1.11 0.00	32.87 0.98 0.00	33.60 1.02 0.00	42.24 1.00 0.00	41.69 1.32 0.00	39.06 2.00 0.00	39.94 2.54 0.00	36.04 1.72 0.00	28.09 0.96 0.00	25.73 1.31 0.00	23.91 1.31 0.00	21.43 1.05 0.00	19.28 1.02 0.00	20.66 1.10 0.00	23.33 1.34 0.00	70.38 4.35 0.00	35.44 2.58 0.00	38.03 3.05 0.00	33.57 2.70 0.00	30.42 2.26 0.00	35.91 2.34 0.00	31.65 1.85 0.00	26.04 1.42 0.00
PPL_SHRM_GT4 24214	28.85 1.34 0.00	31.93 1.11 0.00	32.87 0.98 0.00	33.60 1.02 0.00	42.24 1.00 0.00	41.69 1.32 0.00	39.06 2.00 0.00	39.94 2.54 0.00	36.04 1.72 0.00	28.09 0.96 0.00	25.73 1.31 0.00	23.91 1.31 0.00	21.43 1.05 0.00	19.28 1.02 0.00	20.66 1.10 0.00	23.33 1.34 0.00	70.38 4.35 0.00	35.44 2.58 0.00	38.03 3.05 0.00	33.57 2.70 0.00	30.42 2.26 0.00	35.91 2.34 0.00	31.65 1.85 0.00	26.04 1.42 0.00
PROJECT___ORANGE 1 24174	26.74 -0.78 0.00	29.86 -0.96 0.00	30.88 -1.01 0.00	31.54 -1.05 0.00	39.92 -1.32 0.00	39.10 -1.27 0.00	36.08 -0.99 0.00	36.42 -0.98 0.00	33.23 -1.09 0.00	26.36 -0.78 0.00	23.83 -0.59 0.00	22.02 -0.58 0.00	19.84 -0.54 0.00	17.77 -0.49 0.00	19.00 -0.56 0.00	21.34 -0.66 0.00	63.97 -2.06 0.00	31.97 -0.90 0.00	34.05 -0.93 0.00	29.94 -0.93 0.00	27.23 -0.93 0.00	32.49 -1.09 0.00	28.87 -0.93 0.00	23.88 -0.74 0.00
PROJECT___ORANGE 2 24166	26.74 -0.78 0.00	29.86 -0.96 0.00	30.88 -1.01 0.00	31.54 -1.05 0.00	39.92 -1.32 0.00	39.10 -1.27 0.00	36.08 -0.99 0.00	36.42 -0.98 0.00	33.23 -1.09 0.00	26.36 -0.78 0.00	23.83 -0.59 0.00	22.02 -0.58 0.00	19.84 -0.54 0.00	17.77 -0.49 0.00	19.00 -0.56 0.00	21.34 -0.66 0.00	63.97 -2.06 0.00	31.97 -0.90 0.00	34.05 -0.93 0.00	29.94 -0.93 0.00	27.23 -0.93 0.00	32.49 -1.09 0.00	28.87 -0.93 0.00	23.88 -0.74 0.00
PUCKETT___SOLAR 323809	27.77 0.25 0.00	31.22 0.39 0.00	32.15 0.26 0.00	32.91 0.33 0.00	41.76 0.52 0.00	40.99 0.62 0.00	37.98 0.92 0.00	38.27 0.88 0.00	34.67 0.35 0.00	27.29 0.16 0.00	24.55 0.13 0.00	22.63 0.03 0.00	20.34 -0.04 0.00	18.21 -0.06 0.00	19.46 -0.09 0.00	21.85 -0.14 0.00	66.25 0.22 0.00	33.09 0.22 0.00	35.29 0.31 0.00	30.92 0.06 0.00	27.98 -0.18 0.00	33.44 -0.14 0.00	29.82 0.02 0.00	24.71 0.09 0.00
PYRITES___HYD 24023	28.46 0.94 0.00	32.14 1.32 0.00	33.16 1.27 0.00	33.81 1.23 0.00	42.63 1.39 0.00	41.28 0.91 0.00	37.54 0.48 0.00	37.76 0.36 0.00	35.00 0.68 0.00	27.94 0.80 0.00	25.29 0.87 0.00	23.36 0.76 0.00	20.95 0.57 0.00	18.79 0.52 0.00	20.08 0.52 0.00	22.65 0.66 0.00	67.86 1.83 0.00	33.53 0.67 0.00	35.53 0.55 0.00	31.39 0.53 0.00	28.93 0.77 0.00	34.64 1.07 0.00	30.75 0.95 0.00	25.53 0.91 0.00
QUAKERRD_115KV_BK1 80622	25.80 -1.72 0.00	28.73 -2.09 0.00	29.71 -2.17 0.00	30.32 -2.26 0.00	38.35 -2.89 0.00	37.54 -2.83 0.00	34.44 -2.62 0.00	34.80 -2.60 0.00	31.68 -2.64 0.00	25.20 -1.94 0.00	22.80 -1.62 0.00	21.08 -1.52 0.00	18.94 -1.44 0.00	16.90 -1.36 0.00	18.09 -1.47 0.00	20.41 -1.58 0.00	61.20 -4.83 0.00	30.43 -2.43 0.00	32.37 -2.61 0.00	28.43 -2.44 0.00	25.86 -2.29 0.00	30.86 -2.71 0.00	27.46 -2.34 0.00	22.72 -1.90 0.00
QUENSBRY_115KV_TB8 356137	28.90 1.38 0.00	32.21 1.39 0.00	33.52 1.63 0.00	34.47 1.89 0.00	43.76 2.51 0.00	42.97 2.60 0.00	39.73 2.67 0.00	39.85 2.46 0.00	36.41 2.09 0.00	28.41 1.27 0.00	25.11 0.69 0.00	23.17 0.57 0.00	20.93 0.55 0.00	18.69 0.42 0.00	20.08 0.52 0.00	22.76 0.77 0.00	69.28 3.25 0.00	34.85 1.98 0.00	37.32 2.34 0.00	32.85 1.99 0.00	29.68 1.52 0.00	35.18 1.60 0.00	31.07 1.27 0.00	25.59 0.97 0.00
RAMAPO___LBMP 323565	28.61 1.10 0.00	31.86 1.04 0.00	32.97 1.08 0.00	33.71 1.13 0.00	42.63 1.39 0.00	42.05 1.68 0.00	39.20 2.14 0.00	39.79 2.39 0.00	36.07 1.75 0.00	28.28 1.14 0.00	25.41 0.99 0.00	23.55 0.95 0.00	21.22 0.84 0.00	19.05 0.78 0.00	20.38 0.83 0.00	22.92 0.92 0.00	68.89 2.87 0.00	34.54 1.67 0.00	37.00 2.02 0.00	32.54 1.68 0.00	29.50 1.35 0.00	35.04 1.46 0.00	31.22 1.42 0.00	25.64 1.02 0.00
RANKINE____ 23646	25.96 -1.56 0.00	28.80 -2.02 0.00	29.85 -2.04 0.00	30.39 -2.19 0.00	38.34 -2.90 0.00	37.44 -2.93 0.00	34.09 -2.97 0.00	34.47 -2.93 0.00	31.39 -2.93 0.00	25.24 -1.89 0.00	22.91 -1.50 0.00	21.22 -1.38 0.00	19.00 -1.38 0.00	16.92 -1.35 0.00	18.08 -1.48 0.00	20.48 -1.52 0.00	60.99 -5.04 0.00	30.05 -2.82 0.00	31.88 -3.10 0.00	27.88 -2.98 0.00	25.32 -2.84 0.00	30.33 -3.25 0.00	27.14 -2.66 0.00	22.50 -2.12 0.00
RAVENSWOOD_GT2_1 24244	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.31 0.00	42.80 1.55 0.00	42.27 1.90 0.00	39.51 2.45 0.00	40.12 2.73 0.00	36.45 2.13 0.00	28.60 1.47 0.00	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.57 1.01 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.80 1.93 0.00	37.24 2.25 0.00	32.76 1.90 0.00	29.71 1.56 0.00	35.30 1.72 0.00	31.42 1.62 0.00	25.77 1.14 0.00
RAVENSWOOD_GT2_2 24245	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.31 0.00	42.80 1.55 0.00	42.27 1.90 0.00	39.51 2.45 0.00	40.12 2.73 0.00	36.45 2.13 0.00	28.60 1.47 0.00	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.57 1.01 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.80 1.93 0.00	37.24 2.25 0.00	32.76 1.90 0.00	29.71 1.56 0.00	35.30 1.72 0.00	31.42 1.62 0.00	25.77 1.14 0.00
RAVENSWOOD_GT2_3 24246	28.84 1.33 0.00	32.07 1.25 0.00	33.18 1.29 0.00	33.90 1.32 0.00	42.81 1.57 0.00	42.28 1.91 0.00	39.53 2.47 0.00	40.15 2.75 0.00	36.46 2.14 0.00	28.62 1.48 0.00	25.66 1.24 0.00	23.79 1.19 0.00	21.45 1.07 0.00	19.25 0.98 0.00	20.59 1.03 0.00	23.13 1.14 0.00	69.48 3.45 0.00	34.82 1.95 0.00	37.26 2.28 0.00	32.78 1.92 0.00	29.73 1.58 0.00	35.32 1.74 0.00	31.44 1.64 0.00	25.78 1.16 0.00
RAVENSWOOD_GT2_4 24247	28.84 1.33 0.00	32.07 1.25 0.00	33.18 1.29 0.00	33.90 1.32 0.00	42.81 1.57 0.00	42.28 1.91 0.00	39.53 2.47 0.00	40.15 2.75 0.00	36.46 2.14 0.00	28.62 1.48 0.00	25.66 1.24 0.00	23.79 1.19 0.00	21.45 1.07 0.00	19.25 0.98 0.00	20.59 1.03 0.00	23.13 1.14 0.00	69.48 3.45 0.00	34.82 1.95 0.00	37.26 2.28 0.00	32.78 1.92 0.00	29.73 1.58 0.00	35.32 1.74 0.00	31.44 1.64 0.00	25.78 1.16 0.00

RAVENSWOOD_GT3_1 24248	28.84 1.32 0.00	32.06 1.24 0.00	33.16 1.28 0.00	33.90 1.32 0.00	42.81 1.56 0.00	42.28 1.90 0.00	39.51 2.45 0.00	40.12 2.73 0.00	36.45 2.14 0.00	28.61 1.47 0.00	25.66 1.24 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.81 1.94 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.72 1.57 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.15 0.00
RAVENSWOOD_GT3_2 24249	28.84 1.32 0.00	32.06 1.24 0.00	33.16 1.28 0.00	33.90 1.32 0.00	42.81 1.56 0.00	42.28 1.90 0.00	39.51 2.45 0.00	40.12 2.73 0.00	36.45 2.14 0.00	28.61 1.47 0.00	25.66 1.24 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.81 1.94 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.72 1.57 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.15 0.00
RAVENSWOOD_GT3_3 24250	28.87 1.35 0.00	32.11 1.28 0.00	33.21 1.32 0.00	33.93 1.35 0.00	42.85 1.61 0.00	42.32 1.95 0.00	39.57 2.51 0.00	40.19 2.79 0.00	36.49 2.18 0.00	28.65 1.51 0.00	25.69 1.27 0.00	23.82 1.22 0.00	21.48 1.09 0.00	19.28 1.01 0.00	20.61 1.05 0.00	23.16 1.17 0.00	69.57 3.54 0.00	34.86 1.99 0.00	37.30 2.32 0.00	32.82 1.96 0.00	29.77 1.61 0.00	35.35 1.78 0.00	31.47 1.67 0.00	25.81 1.19 0.00
RAVENSWOOD_GT3_4 24251	28.87 1.35 0.00	32.11 1.28 0.00	33.21 1.32 0.00	33.93 1.35 0.00	42.85 1.61 0.00	42.32 1.95 0.00	39.57 2.51 0.00	40.19 2.79 0.00	36.49 2.18 0.00	28.65 1.51 0.00	25.69 1.27 0.00	23.82 1.22 0.00	21.48 1.09 0.00	19.28 1.01 0.00	20.61 1.05 0.00	23.16 1.17 0.00	69.57 3.54 0.00	34.86 1.99 0.00	37.30 2.32 0.00	32.82 1.96 0.00	29.77 1.61 0.00	35.35 1.78 0.00	31.47 1.67 0.00	25.81 1.19 0.00
RAVENSWOOD_GT_1 23729	28.91 1.39 0.00	32.14 1.32 0.00	33.24 1.35 0.00	33.97 1.39 0.00	42.87 1.63 0.00	42.37 2.00 0.00	39.62 2.56 0.00	41.91 2.84 -1.67	36.56 2.24 0.00	30.47 1.56 -1.77	25.74 1.32 0.00	23.87 1.27 0.00	21.52 1.13 0.00	19.31 1.05 0.00	20.64 1.08 0.00	23.20 1.20 0.00	69.63 3.60 0.00	34.87 2.00 0.00	37.30 2.32 0.00	32.80 1.94 0.00	29.80 1.64 0.00	35.38 1.80 0.00	31.49 1.69 0.00	25.83 1.21 0.00
RAVENSWOOD_GT_10 24258	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.32 0.00	42.81 1.56 0.00	42.27 1.90 0.00	39.51 2.45 0.00	40.32 2.73 -0.19	36.45 2.13 0.00	28.81 1.47 -0.20	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.80 1.93 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.72 1.56 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.15 0.00
RAVENSWOOD_GT_11 24259	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.32 0.00	42.81 1.56 0.00	42.27 1.90 0.00	39.51 2.45 0.00	40.32 2.73 -0.19	36.45 2.13 0.00	28.81 1.47 -0.20	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.80 1.93 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.72 1.56 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.15 0.00
RAVENSWOOD_GT_4 24252	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.31 0.00	42.81 1.56 0.00	42.27 1.90 0.00	39.51 2.45 0.00	41.40 2.73 -1.28	36.44 2.12 0.00	29.94 1.46 -1.34	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.81 1.94 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.71 1.56 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.14 0.00
RAVENSWOOD_GT_5 24254	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.31 0.00	42.81 1.56 0.00	42.27 1.90 0.00	39.51 2.45 0.00	41.40 2.73 -1.28	36.44 2.12 0.00	29.94 1.46 -1.34	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.81 1.94 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.71 1.56 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.14 0.00
RAVENSWOOD_GT_6 24253	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.31 0.00	42.81 1.56 0.00	42.27 1.90 0.00	39.51 2.45 0.00	41.40 2.73 -1.28	36.44 2.12 0.00	29.94 1.46 -1.34	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.81 1.94 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.71 1.56 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.14 0.00
RAVENSWOOD_GT_7 24255	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.31 0.00	42.81 1.56 0.00	42.27 1.90 0.00	39.51 2.45 0.00	41.40 2.73 -1.28	36.44 2.12 0.00	29.94 1.46 -1.34	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.81 1.94 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.71 1.56 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.14 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.32 0.00	42.81 1.56 0.00	42.27 1.90 0.00	39.51 2.45 0.00	40.32 2.73 -0.19	36.45 2.13 0.00	28.81 1.47 -0.20	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.80 1.93 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.72 1.56 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.15 0.00
RAVENSWOOD_GT_9 24257	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.90 1.32 0.00	42.81 1.56 0.00	42.27 1.90 0.00	39.51 2.45 0.00	40.32 2.73 -0.19	36.45 2.13 0.00	28.81 1.47 -0.20	25.65 1.23 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.80 1.93 0.00	37.24 2.26 0.00	32.77 1.90 0.00	29.72 1.56 0.00	35.30 1.73 0.00	31.42 1.62 0.00	25.77 1.15 0.00
RAVENSWOOD____1 23533	28.87 1.35 0.00	32.09 1.27 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.82 1.58 0.00	42.31 1.94 0.00	39.56 2.50 0.00	38.52 2.78 1.65	36.50 2.18 0.00	26.90 1.51 1.74	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.26 1.00 0.00	20.59 1.04 0.00	23.15 1.15 0.00	69.50 3.47 0.00	34.82 1.95 0.00	37.26 2.28 0.00	32.77 1.91 0.00	29.76 1.60 0.00	35.32 1.75 0.00	31.44 1.65 0.00	25.79 1.17 0.00
RAVENSWOOD____2 23534	28.87 1.35 0.00	32.09 1.27 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.82 1.58 0.00	42.31 1.94 0.00	39.56 2.50 0.00	38.52 2.78 1.65	36.50 2.18 0.00	26.90 1.51 1.74	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.26 1.00 0.00	20.59 1.04 0.00	23.15 1.15 0.00	69.50 3.47 0.00	34.82 1.95 0.00	37.26 2.28 0.00	32.77 1.91 0.00	29.76 1.60 0.00	35.32 1.75 0.00	31.44 1.65 0.00	25.79 1.17 0.00

RAVENSWOOD___3 23535	28.84 1.32 0.00	32.06 1.24 0.00	33.17 1.28 0.00	33.90 1.32 0.00	42.80 1.56 0.00	42.28 1.90 0.00	39.51 2.45 0.00	40.12 2.73 0.00	36.45 2.14 0.00	28.61 1.47 0.00	25.65 1.24 0.00	23.78 1.18 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.58 1.02 0.00	23.12 1.13 0.00	69.44 3.41 0.00	34.81 1.94 0.00	37.24 2.27 0.00	32.77 1.90 0.00	29.72 1.57 0.00	35.31 1.73 0.00	31.42 1.62 0.00	25.77 1.15 0.00
RAVENSWOOD___4 23820	28.87 1.35 0.00	32.09 1.27 0.00	33.19 1.30 0.00	33.91 1.33 0.00	42.82 1.58 0.00	42.31 1.94 0.00	39.56 2.50 0.00	38.52 2.78 1.65	36.50 2.18 0.00	26.90 1.51 1.74	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.26 1.00 0.00	20.59 1.04 0.00	23.15 1.15 0.00	69.50 3.47 0.00	34.82 1.95 0.00	37.26 2.28 0.00	32.77 1.91 0.00	29.76 1.60 0.00	35.32 1.75 0.00	31.44 1.65 0.00	25.79 1.17 0.00
RCPL_TRUST___DRP 24196	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.88 1.30 0.00	42.78 1.53 0.00	42.26 1.88 0.00	39.54 2.48 0.00	40.18 2.79 0.00	36.50 2.18 0.00	28.65 1.51 0.00	25.69 1.27 0.00	23.82 1.22 0.00	21.47 1.09 0.00	19.26 1.00 0.00	20.60 1.04 0.00	23.14 1.15 0.00	69.51 3.48 0.00	34.83 1.97 0.00	37.27 2.29 0.00	32.79 1.93 0.00	29.74 1.58 0.00	35.33 1.75 0.00	31.45 1.65 0.00	25.79 1.17 0.00
RED___ROCHESTER 323720	26.43 -1.09 0.00	29.39 -1.44 0.00	30.41 -1.48 0.00	31.01 -1.58 0.00	39.20 -2.04 0.00	38.36 -2.01 0.00	35.13 -1.93 0.00	35.53 -1.87 0.00	32.32 -2.00 0.00	25.73 -1.41 0.00	23.28 -1.14 0.00	21.54 -1.06 0.00	19.34 -1.04 0.00	17.25 -1.02 0.00	18.44 -1.12 0.00	20.84 -1.16 0.00	62.49 -3.54 0.00	31.02 -1.84 0.00	33.03 -1.95 0.00	28.98 -1.88 0.00	26.35 -1.80 0.00	31.47 -2.11 0.00	28.01 -1.79 0.00	23.17 -1.45 0.00
REGAN___SOLAR 323812	30.27 2.75 0.00	33.78 2.96 0.00	34.84 2.95 0.00	35.62 3.04 0.00	44.69 3.45 0.00	44.34 3.97 0.00	41.12 4.06 0.00	41.49 4.09 0.00	37.60 3.28 0.00	28.42 1.28 0.00	25.18 0.76 0.00	23.21 0.61 0.00	20.94 0.56 0.00	18.74 0.48 0.00	20.05 0.49 0.00	22.53 0.54 0.00	69.68 3.65 0.00	35.88 3.02 0.00	38.63 3.65 0.00	34.05 3.18 0.00	30.92 2.76 0.00	36.86 3.28 0.00	32.66 2.86 0.00	26.91 2.29 0.00
RENSSELAER___COGEN 23796	28.03 0.51 0.00	31.25 0.42 0.00	32.42 0.53 0.00	33.16 0.57 0.00	41.99 0.75 0.00	41.25 0.87 0.00	38.14 1.08 0.00	38.47 1.07 0.00	35.05 0.73 0.00	27.49 0.35 0.00	24.56 0.15 0.00	22.73 0.13 0.00	20.54 0.16 0.00	18.41 0.15 0.00	19.76 0.20 0.00	22.23 0.24 0.00	67.01 0.98 0.00	33.65 0.78 0.00	35.98 1.00 0.00	31.68 0.82 0.00	28.78 0.62 0.00	34.32 0.75 0.00	30.41 0.61 0.00	25.02 0.40 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.90 2.38 0.00	33.35 2.53 0.00	34.93 3.04 0.00	35.99 3.40 0.00	45.76 4.52 0.00	44.83 4.45 0.00	41.32 4.26 0.00	41.01 3.61 0.00	37.60 3.29 0.00	29.17 2.03 0.00	25.71 1.29 0.00	23.74 1.14 0.00	21.48 1.10 0.00	19.18 0.91 0.00	20.74 1.18 0.00	23.71 1.72 0.00	72.74 6.71 0.00	36.57 3.71 0.00	39.23 4.24 0.00	34.46 3.60 0.00	30.84 2.69 0.00	36.19 2.62 0.00	31.86 2.06 0.00	26.34 1.72 0.00
REVERE_CPPR_DRP 24186	28.52 1.01 0.00	31.87 1.05 0.00	32.95 1.06 0.00	33.64 1.06 0.00	42.62 1.38 0.00	41.87 1.50 0.00	38.70 1.64 0.00	38.93 1.53 0.00	35.50 1.18 0.00	27.98 0.84 0.00	25.06 0.64 0.00	23.01 0.41 0.00	20.74 0.36 0.00	18.55 0.29 0.00	19.78 0.23 0.00	22.30 0.30 0.00	67.66 1.63 0.00	34.03 1.16 0.00	36.29 1.31 0.00	31.78 0.92 0.00	28.78 0.63 0.00	34.29 0.72 0.00	30.43 0.63 0.00	25.07 0.45 0.00
REYNOLDS_115KV_TB3 80639	28.14 0.62 0.00	31.38 0.55 0.00	32.58 0.68 0.00	33.31 0.73 0.00	42.20 0.96 0.00	41.42 1.05 0.00	38.31 1.25 0.00	38.63 1.23 0.00	35.20 0.88 0.00	27.60 0.46 0.00	24.65 0.23 0.00	22.80 0.20 0.00	20.62 0.24 0.00	18.48 0.22 0.00	19.84 0.28 0.00	22.32 0.32 0.00	67.23 1.20 0.00	33.77 0.90 0.00	36.11 1.13 0.00	31.78 0.92 0.00	28.87 0.72 0.00	34.46 0.89 0.00	30.52 0.72 0.00	25.11 0.49 0.00
RIVERBAY____ 323610	29.08 1.56 0.00	32.22 1.40 0.00	33.33 1.44 0.00	34.01 1.43 0.00	43.00 1.76 0.00	42.60 2.23 0.00	39.80 2.74 0.00	40.43 3.03 0.00	36.76 2.44 0.00	28.78 1.64 0.00	25.77 1.34 0.00	23.87 1.27 0.00	21.55 1.16 0.00	19.31 1.05 0.00	20.60 1.04 0.00	23.17 1.18 0.00	69.52 3.49 0.00	34.85 1.99 0.00	37.36 2.38 0.00	32.89 2.03 0.00	29.86 1.71 0.00	35.43 1.85 0.00	31.53 1.73 0.00	25.86 1.24 0.00
RIVERSDE_115KV_TB3 55908	28.11 0.59 0.00	31.34 0.52 0.00	32.52 0.63 0.00	33.26 0.68 0.00	42.12 0.88 0.00	41.38 1.00 0.00	38.27 1.21 0.00	38.59 1.20 0.00	35.17 0.85 0.00	27.57 0.43 0.00	24.63 0.22 0.00	22.79 0.18 0.00	20.60 0.22 0.00	18.46 0.20 0.00	19.82 0.26 0.00	22.30 0.31 0.00	67.20 1.17 0.00	33.74 0.87 0.00	36.09 1.11 0.00	31.77 0.91 0.00	28.85 0.70 0.00	34.43 0.85 0.00	30.49 0.69 0.00	25.08 0.46 0.00
ROARING___BROOK_WT_PWR 323790	27.57 0.05 0.00	30.97 0.15 0.00	31.98 0.09 0.00	32.68 0.10 0.00	41.36 0.11 0.00	40.35 -0.02 0.00	36.71 -0.35 0.00	36.72 -0.68 0.00	33.82 -0.50 0.00	26.87 -0.27 0.00	24.15 -0.27 0.00	22.37 -0.23 0.00	20.25 -0.13 0.00	18.21 -0.05 0.00	19.48 -0.08 0.00	21.93 -0.07 0.00	65.87 -0.16 0.00	32.72 -0.14 0.00	34.58 -0.40 0.00	30.27 -0.59 0.00	27.48 -0.68 0.00	32.69 -0.89 0.00	28.98 -0.82 0.00	24.13 -0.49 0.00
ROCHESRG_115KV_T4 355643	26.15 -1.37 0.00	29.09 -1.73 0.00	30.11 -1.78 0.00	30.70 -1.89 0.00	38.79 -2.45 0.00	37.95 -2.42 0.00	34.73 -2.34 0.00	35.10 -2.29 0.00	31.95 -2.37 0.00	25.46 -1.68 0.00	23.05 -1.36 0.00	21.34 -1.26 0.00	19.16 -1.22 0.00	17.09 -1.17 0.00	18.28 -1.28 0.00	20.65 -1.34 0.00	61.85 -4.18 0.00	30.69 -2.17 0.00	32.65 -2.33 0.00	28.64 -2.22 0.00	26.07 -2.09 0.00	31.12 -2.45 0.00	27.72 -2.08 0.00	22.95 -1.68 0.00
ROCHESTER_9_IC 23652	26.31 -1.21 0.00	29.26 -1.56 0.00	30.28 -1.61 0.00	30.88 -1.71 0.00	39.03 -2.21 0.00	38.17 -2.20 0.00	34.96 -2.10 0.00	35.34 -2.06 0.00	32.15 -2.17 0.00	25.61 -1.53 0.00	23.18 -1.24 0.00	21.45 -1.15 0.00	19.26 -1.12 0.00	17.18 -1.09 0.00	18.37 -1.18 0.00	20.76 -1.24 0.00	62.20 -3.83 0.00	30.88 -1.99 0.00	32.85 -2.13 0.00	28.83 -2.04 0.00	26.22 -1.93 0.00	31.31 -2.26 0.00	27.89 -1.91 0.00	23.07 -1.55 0.00
ROCKVIEW_13_KV_LD 356306	28.88 1.37 0.00	32.12 1.30 0.00	33.22 1.34 0.00	33.96 1.38 0.00	42.92 1.68 0.00	42.37 2.00 0.00	39.55 2.49 0.00	40.19 2.79 0.00	36.48 2.17 0.00	28.62 1.48 0.00	25.68 1.26 0.00	23.79 1.19 0.00	21.44 1.06 0.00	19.24 0.98 0.00	20.60 1.04 0.00	23.16 1.17 0.00	69.63 3.60 0.00	34.92 2.05 0.00	37.39 2.41 0.00	32.88 2.02 0.00	29.82 1.67 0.00	35.43 1.85 0.00	31.52 1.72 0.00	25.86 1.24 0.00

ROME____115KV_TB2 80656	28.52 1.01 0.00	31.87 1.05 0.00	32.95 1.06 0.00	33.64 1.06 0.00	42.62 1.38 0.00	41.87 1.50 0.00	38.70 1.64 0.00	38.93 1.53 0.00	35.50 1.18 0.00	27.98 0.84 0.00	25.06 0.64 0.00	23.01 0.41 0.00	20.74 0.36 0.00	18.55 0.29 0.00	19.78 0.23 0.00	22.30 0.30 0.00	67.66 1.63 0.00	34.03 1.16 0.00	36.29 1.31 0.00	31.78 0.92 0.00	28.78 0.63 0.00	34.29 0.72 0.00	30.43 0.63 0.00	25.07 0.45 0.00
ROSETON____1 23587	28.58 1.06 0.00	31.81 0.99 0.00	32.93 1.04 0.00	33.67 1.09 0.00	42.60 1.36 0.00	41.98 1.61 0.00	39.06 2.00 0.00	39.58 2.18 0.00	35.94 1.62 0.00	28.20 1.06 0.00	25.27 0.85 0.00	23.39 0.79 0.00	21.10 0.72 0.00	18.93 0.67 0.00	20.28 0.72 0.00	22.80 0.81 0.00	68.61 2.58 0.00	34.43 1.56 0.00	36.87 1.89 0.00	32.44 1.57 0.00	29.43 1.27 0.00	34.99 1.41 0.00	31.11 1.31 0.00	25.56 0.94 0.00
ROSETON____2 23588	28.58 1.06 0.00	31.81 0.99 0.00	32.93 1.04 0.00	33.67 1.09 0.00	42.60 1.36 0.00	41.98 1.61 0.00	39.06 2.00 0.00	39.58 2.18 0.00	35.94 1.62 0.00	28.20 1.06 0.00	25.27 0.85 0.00	23.39 0.79 0.00	21.10 0.72 0.00	18.93 0.67 0.00	20.28 0.72 0.00	22.80 0.81 0.00	68.61 2.58 0.00	34.43 1.56 0.00	36.87 1.89 0.00	32.44 1.57 0.00	29.43 1.27 0.00	34.99 1.41 0.00	31.11 1.31 0.00	25.56 0.94 0.00
ROTTRDAM_115KV_TB3 80664	28.28 0.76 0.00	31.57 0.75 0.00	32.72 0.83 0.00	33.47 0.88 0.00	42.39 1.15 0.00	41.64 1.26 0.00	38.44 1.38 0.00	38.77 1.38 0.00	35.38 1.06 0.00	27.78 0.64 0.00	24.84 0.42 0.00	22.97 0.37 0.00	20.73 0.35 0.00	18.57 0.31 0.00	19.91 0.36 0.00	22.42 0.42 0.00	67.66 1.63 0.00	33.93 1.06 0.00	36.24 1.26 0.00	31.91 1.05 0.00	29.00 0.84 0.00	34.54 0.97 0.00	30.62 0.82 0.00	25.23 0.61 0.00
RUSSELL____1 23602	26.43 -1.09 0.00	29.39 -1.44 0.00	30.41 -1.48 0.00	31.01 -1.57 0.00	39.20 -2.04 0.00	38.36 -2.02 0.00	35.14 -1.92 0.00	35.53 -1.87 0.00	32.32 -2.00 0.00	25.72 -1.42 0.00	23.28 -1.14 0.00	21.54 -1.05 0.00	19.34 -1.04 0.00	17.25 -1.02 0.00	18.44 -1.12 0.00	20.84 -1.16 0.00	62.49 -3.54 0.00	31.02 -1.84 0.00	33.03 -1.95 0.00	28.98 -1.88 0.00	26.36 -1.79 0.00	31.46 -2.11 0.00	28.01 -1.79 0.00	23.17 -1.45 0.00
RUSSELL____2 23532	26.43 -1.09 0.00	29.39 -1.44 0.00	30.41 -1.48 0.00	31.01 -1.57 0.00	39.20 -2.04 0.00	38.36 -2.02 0.00	35.14 -1.92 0.00	35.53 -1.87 0.00	32.32 -2.00 0.00	25.72 -1.42 0.00	23.28 -1.14 0.00	21.54 -1.05 0.00	19.34 -1.04 0.00	17.25 -1.02 0.00	18.44 -1.12 0.00	20.84 -1.16 0.00	62.49 -3.54 0.00	31.02 -1.84 0.00	33.03 -1.95 0.00	28.98 -1.88 0.00	26.36 -1.79 0.00	31.46 -2.11 0.00	28.01 -1.79 0.00	23.17 -1.45 0.00
RUSSELL____3 23549	26.43 -1.09 0.00	29.39 -1.44 0.00	30.41 -1.48 0.00	31.01 -1.57 0.00	39.20 -2.04 0.00	38.36 -2.02 0.00	35.14 -1.92 0.00	35.53 -1.87 0.00	32.32 -2.00 0.00	25.72 -1.42 0.00	23.28 -1.14 0.00	21.54 -1.05 0.00	19.34 -1.04 0.00	17.25 -1.02 0.00	18.44 -1.12 0.00	20.84 -1.16 0.00	62.49 -3.54 0.00	31.02 -1.84 0.00	33.03 -1.95 0.00	28.98 -1.88 0.00	26.36 -1.79 0.00	31.46 -2.11 0.00	28.01 -1.79 0.00	23.17 -1.45 0.00
RUSSELL____4 23556	26.43 -1.09 0.00	29.39 -1.44 0.00	30.41 -1.48 0.00	31.01 -1.57 0.00	39.20 -2.04 0.00	38.36 -2.02 0.00	35.14 -1.92 0.00	35.53 -1.87 0.00	32.32 -2.00 0.00	25.72 -1.42 0.00	23.28 -1.14 0.00	21.54 -1.05 0.00	19.34 -1.04 0.00	17.25 -1.02 0.00	18.44 -1.12 0.00	20.84 -1.16 0.00	62.49 -3.54 0.00	31.02 -1.84 0.00	33.03 -1.95 0.00	28.98 -1.88 0.00	26.36 -1.79 0.00	31.46 -2.11 0.00	28.01 -1.79 0.00	23.17 -1.45 0.00
RUSSELL____STATION 23914	26.43 -1.09 0.00	29.39 -1.44 0.00	30.41 -1.48 0.00	31.01 -1.57 0.00	39.20 -2.04 0.00	38.36 -2.02 0.00	35.14 -1.92 0.00	35.53 -1.87 0.00	32.32 -2.00 0.00	25.72 -1.42 0.00	23.28 -1.14 0.00	21.54 -1.05 0.00	19.34 -1.04 0.00	17.25 -1.02 0.00	18.44 -1.12 0.00	20.84 -1.16 0.00	62.49 -3.54 0.00	31.02 -1.84 0.00	33.03 -1.95 0.00	28.98 -1.88 0.00	26.36 -1.79 0.00	31.46 -2.11 0.00	28.01 -1.79 0.00	23.17 -1.45 0.00
S SALMON____HYD 24043	26.80 -0.71 0.00	29.97 -0.86 0.00	31.00 -0.89 0.00	31.66 -0.92 0.00	40.08 -1.16 0.00	39.26 -1.11 0.00	36.17 -0.90 0.00	36.40 -1.00 0.00	33.06 -1.25 0.00	26.05 -1.08 0.00	23.55 -0.87 0.00	21.57 -1.03 0.00	19.47 -0.91 0.00	17.45 -0.81 0.00	18.60 -0.96 0.00	20.92 -1.07 0.00	63.09 -2.94 0.00	31.86 -1.00 0.00	33.94 -1.04 0.00	29.64 -1.22 0.00	26.82 -1.33 0.00	31.97 -1.60 0.00	28.44 -1.36 0.00	23.50 -1.12 0.00
S.PERRY__115KV_TB1 80734	27.33 -0.19 0.00	30.69 -0.13 0.00	31.67 -0.22 0.00	32.20 -0.38 0.00	40.74 -0.51 0.00	39.27 -1.10 0.00	35.92 -1.14 0.00	36.33 -1.07 0.00	32.59 -1.73 0.00	25.60 -1.54 0.00	23.09 -1.33 0.00	21.35 -1.25 0.00	19.63 -0.75 0.00	17.70 -0.57 0.00	18.82 -0.73 0.00	21.14 -0.86 0.00	63.33 -2.70 0.00	31.83 -1.04 0.00	34.20 -0.78 0.00	29.98 -0.88 0.00	27.12 -1.04 0.00	32.42 -1.15 0.00	28.95 -0.85 0.00	23.97 -0.65 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.64 -1.88 0.00	28.42 -2.40 0.00	29.45 -2.44 0.00	29.98 -2.60 0.00	37.84 -3.40 0.00	36.93 -3.44 0.00	33.55 -3.51 0.00	33.92 -3.48 0.00	30.91 -3.41 0.00	24.86 -2.28 0.00	22.57 -1.85 0.00	20.91 -1.69 0.00	18.72 -1.66 0.00	16.65 -1.61 0.00	17.81 -1.75 0.00	20.19 -1.81 0.00	60.13 -5.90 0.00	29.62 -3.24 0.00	31.43 -3.55 0.00	27.50 -3.36 0.00	25.01 -3.14 0.00	29.95 -3.63 0.00	26.77 -3.03 0.00	22.21 -2.41 0.00
SAWYER__23_KV_LOAD 55526	25.64 -1.88 0.00	28.42 -2.40 0.00	29.45 -2.44 0.00	29.98 -2.60 0.00	37.84 -3.40 0.00	36.93 -3.44 0.00	33.55 -3.51 0.00	33.92 -3.48 0.00	30.91 -3.41 0.00	24.86 -2.28 0.00	22.57 -1.85 0.00	20.91 -1.69 0.00	18.72 -1.66 0.00	16.65 -1.61 0.00	17.81 -1.75 0.00	20.19 -1.81 0.00	60.13 -5.90 0.00	29.62 -3.24 0.00	31.43 -3.55 0.00	27.50 -3.36 0.00	25.01 -3.14 0.00	29.95 -3.63 0.00	26.77 -3.03 0.00	22.21 -2.41 0.00
SELKIRK____I 23801	28.26 0.74 0.00	31.52 0.70 0.00	32.70 0.81 0.00	33.44 0.85 0.00	42.35 1.11 0.00	41.58 1.21 0.00	38.39 1.33 0.00	38.69 1.29 0.00	35.27 0.95 0.00	27.67 0.54 0.00	24.76 0.34 0.00	22.90 0.30 0.00	20.68 0.29 0.00	18.54 0.27 0.00	19.88 0.32 0.00	22.37 0.38 0.00	67.46 1.43 0.00	33.82 0.95 0.00	36.15 1.16 0.00	31.82 0.96 0.00	28.92 0.76 0.00	34.49 0.91 0.00	30.57 0.77 0.00	25.17 0.55 0.00
SELKIRK____II 23799	28.10 0.58 0.00	31.34 0.51 0.00	32.50 0.60 0.00	33.23 0.64 0.00	42.09 0.85 0.00	41.32 0.95 0.00	38.21 1.15 0.00	38.54 1.14 0.00	35.13 0.81 0.00	27.57 0.43 0.00	24.68 0.26 0.00	22.83 0.23 0.00	20.62 0.23 0.00	18.49 0.22 0.00	19.82 0.27 0.00	22.30 0.31 0.00	67.17 1.15 0.00	33.70 0.83 0.00	36.02 1.04 0.00	31.71 0.85 0.00	28.82 0.66 0.00	34.36 0.79 0.00	30.46 0.66 0.00	25.07 0.45 0.00

SENECA OSWGO___HYD 24041	26.49 -1.03 0.00	29.58 -1.24 0.00	30.59 -1.30 0.00	31.26 -1.33 0.00	39.55 -1.69 0.00	38.81 -1.57 0.00	35.78 -1.28 0.00	36.12 -1.28 0.00	32.96 -1.36 0.00	26.09 -1.04 0.00	23.57 -0.85 0.00	21.78 -0.82 0.00	19.62 -0.76 0.00	17.58 -0.68 0.00	18.78 -0.78 0.00	21.10 -0.90 0.00	63.27 -2.76 0.00	31.65 -1.22 0.00	33.72 -1.26 0.00	29.66 -1.21 0.00	27.00 -1.16 0.00	32.22 -1.36 0.00	28.62 -1.18 0.00	23.68 -0.94 0.00
SENECA___115KV_TB3 355854	26.01 -1.51 0.00	28.85 -1.98 0.00	29.90 -1.99 0.00	30.44 -2.14 0.00	38.40 -2.84 0.00	37.51 -2.86 0.00	34.16 -2.90 0.00	34.54 -2.85 0.00	31.45 -2.87 0.00	25.29 -1.85 0.00	22.96 -1.46 0.00	21.26 -1.33 0.00	19.03 -1.35 0.00	16.95 -1.32 0.00	18.11 -1.44 0.00	20.51 -1.48 0.00	61.07 -4.96 0.00	30.11 -2.76 0.00	31.94 -3.04 0.00	27.94 -2.93 0.00	25.36 -2.79 0.00	30.38 -3.20 0.00	27.18 -2.61 0.00	22.54 -2.08 0.00
SENECA___ENERGY 23797	26.86 -0.66 0.00	30.05 -0.78 0.00	30.97 -0.92 0.00	31.64 -0.95 0.00	40.07 -1.17 0.00	39.27 -1.10 0.00	36.29 -0.77 0.00	36.67 -0.73 0.00	33.27 -1.05 0.00	26.26 -0.88 0.00	23.70 -0.72 0.00	21.88 -0.72 0.00	19.69 -0.69 0.00	17.59 -0.67 0.00	18.84 -0.72 0.00	21.18 -0.82 0.00	63.51 -2.52 0.00	31.77 -1.10 0.00	33.84 -1.14 0.00	29.79 -1.07 0.00	27.06 -1.09 0.00	32.25 -1.32 0.00	28.72 -1.08 0.00	23.78 -0.84 0.00
SHOEMAKER___GT 23640	28.47 0.95 0.00	31.72 0.89 0.00	32.83 0.94 0.00	33.56 0.97 0.00	42.45 1.21 0.00	41.83 1.46 0.00	38.87 1.81 0.00	39.37 1.97 0.00	35.72 1.40 0.00	28.02 0.88 0.00	25.13 0.71 0.00	23.27 0.67 0.00	20.96 0.58 0.00	18.80 0.54 0.00	20.14 0.58 0.00	22.67 0.67 0.00	68.24 2.22 0.00	34.25 1.38 0.00	36.67 1.69 0.00	32.28 1.41 0.00	29.29 1.14 0.00	34.83 1.26 0.00	30.97 1.17 0.00	25.46 0.84 0.00
SHOEMAKR_138KV_BK 111 55601	28.45 0.94 0.00	31.70 0.88 0.00	32.81 0.93 0.00	33.54 0.96 0.00	42.43 1.19 0.00	41.81 1.44 0.00	38.86 1.80 0.00	39.37 1.97 0.00	35.73 1.41 0.00	28.03 0.89 0.00	25.15 0.73 0.00	23.28 0.68 0.00	20.98 0.60 0.00	18.82 0.56 0.00	20.16 0.60 0.00	22.68 0.69 0.00	68.25 2.23 0.00	34.25 1.38 0.00	36.67 1.69 0.00	32.26 1.39 0.00	29.28 1.12 0.00	34.81 1.24 0.00	30.96 1.16 0.00	25.46 0.84 0.00
SHOREHAM_IC_1 23715	28.85 1.34 0.00	31.93 1.11 0.00	32.87 0.98 0.00	33.60 1.02 0.00	42.24 1.00 0.00	41.69 1.32 0.00	39.06 2.00 0.00	39.94 2.54 0.00	36.04 1.72 0.00	28.09 0.96 0.00	25.73 1.31 0.00	23.91 1.31 0.00	21.43 1.05 0.00	19.28 1.02 0.00	20.66 1.10 0.00	23.33 1.34 0.00	70.38 4.35 0.00	35.44 2.58 0.00	38.03 3.05 0.00	33.57 2.70 0.00	30.42 2.26 0.00	35.91 2.34 0.00	31.65 1.85 0.00	26.04 1.42 0.00
SHOREHAM_IC_2 23716	28.85 1.34 0.00	31.93 1.11 0.00	32.87 0.98 0.00	33.60 1.02 0.00	42.24 1.00 0.00	41.69 1.32 0.00	39.06 2.00 0.00	39.94 2.54 0.00	36.04 1.72 0.00	28.09 0.96 0.00	25.73 1.31 0.00	23.91 1.31 0.00	21.43 1.05 0.00	19.28 1.02 0.00	20.66 1.10 0.00	23.33 1.34 0.00	70.38 4.35 0.00	35.44 2.58 0.00	38.03 3.05 0.00	33.57 2.70 0.00	30.42 2.26 0.00	35.91 2.34 0.00	31.65 1.85 0.00	26.04 1.42 0.00
SISSONVILLE___ 23735	27.90 0.38 0.00	31.51 0.69 0.00	32.52 0.63 0.00	33.16 0.58 0.00	41.80 0.56 0.00	40.37 0.00 0.00	36.71 -0.35 0.00	36.89 -0.51 0.00	34.23 -0.09 0.00	27.36 0.23 0.00	24.96 0.54 0.00	23.04 0.44 0.00	20.69 0.31 0.00	18.59 0.32 0.00	19.88 0.32 0.00	22.42 0.42 0.00	66.87 0.84 0.00	32.83 -0.04 0.00	34.73 -0.25 0.00	30.64 -0.22 0.00	28.25 0.10 0.00	33.91 0.33 0.00	30.12 0.32 0.00	25.07 0.45 0.00
SITHE_IND_GS1 24169	26.25 -1.27 0.00	29.34 -1.49 0.00	30.34 -1.55 0.00	30.99 -1.59 0.00	39.22 -2.02 0.00	38.44 -1.93 0.00	35.39 -1.67 0.00	35.70 -1.69 0.00	32.63 -1.69 0.00	25.84 -1.29 0.00	23.40 -1.02 0.00	21.65 -0.95 0.00	19.53 -0.85 0.00	17.49 -0.77 0.00	18.72 -0.84 0.00	20.99 -1.00 0.00	62.79 -3.24 0.00	31.34 -1.53 0.00	33.37 -1.61 0.00	29.37 -1.49 0.00	26.76 -1.40 0.00	31.93 -1.65 0.00	28.38 -1.42 0.00	23.51 -1.11 0.00
SITHE_IND_GS2 24170	26.25 -1.27 0.00	29.34 -1.49 0.00	30.34 -1.55 0.00	30.99 -1.59 0.00	39.22 -2.02 0.00	38.44 -1.93 0.00	35.39 -1.67 0.00	35.70 -1.69 0.00	32.63 -1.69 0.00	25.84 -1.29 0.00	23.40 -1.02 0.00	21.65 -0.95 0.00	19.53 -0.85 0.00	17.49 -0.77 0.00	18.72 -0.84 0.00	20.99 -1.00 0.00	62.79 -3.24 0.00	31.34 -1.53 0.00	33.37 -1.61 0.00	29.37 -1.49 0.00	26.76 -1.40 0.00	31.93 -1.65 0.00	28.38 -1.42 0.00	23.51 -1.11 0.00
SITHE_IND_GS3 24171	26.25 -1.27 0.00	29.34 -1.49 0.00	30.34 -1.55 0.00	30.99 -1.59 0.00	39.22 -2.02 0.00	38.44 -1.93 0.00	35.39 -1.67 0.00	35.70 -1.69 0.00	32.63 -1.69 0.00	25.84 -1.29 0.00	23.40 -1.02 0.00	21.65 -0.95 0.00	19.53 -0.85 0.00	17.49 -0.77 0.00	18.72 -0.84 0.00	20.99 -1.00 0.00	62.79 -3.24 0.00	31.34 -1.53 0.00	33.37 -1.61 0.00	29.37 -1.49 0.00	26.76 -1.40 0.00	31.93 -1.65 0.00	28.38 -1.42 0.00	23.51 -1.11 0.00
SITHE_IND_GS4 24172	26.25 -1.27 0.00	29.34 -1.49 0.00	30.34 -1.55 0.00	30.99 -1.59 0.00	39.22 -2.02 0.00	38.44 -1.93 0.00	35.39 -1.67 0.00	35.70 -1.69 0.00	32.63 -1.69 0.00	25.84 -1.29 0.00	23.40 -1.02 0.00	21.65 -0.95 0.00	19.53 -0.85 0.00	17.49 -0.77 0.00	18.72 -0.84 0.00	20.99 -1.00 0.00	62.79 -3.24 0.00	31.34 -1.53 0.00	33.37 -1.61 0.00	29.37 -1.49 0.00	26.76 -1.40 0.00	31.93 -1.65 0.00	28.38 -1.42 0.00	23.51 -1.11 0.00
SITHE___BATAVIA 24024	26.37 -1.15 0.00	29.24 -1.58 0.00	30.28 -1.61 0.00	30.84 -1.75 0.00	38.99 -2.25 0.00	38.12 -2.25 0.00	34.81 -2.25 0.00	35.21 -2.19 0.00	31.89 -2.43 0.00	25.41 -1.73 0.00	22.96 -1.46 0.00	21.21 -1.38 0.00	18.96 -1.42 0.00	16.86 -1.40 0.00	18.03 -1.53 0.00	20.46 -1.53 0.00	61.63 -4.40 0.00	30.54 -2.32 0.00	32.56 -2.42 0.00	28.52 -2.34 0.00	25.92 -2.23 0.00	30.97 -2.61 0.00	27.59 -2.21 0.00	22.86 -1.76 0.00
SITHE___INDEPEND 23800	26.25 -1.27 0.00	29.34 -1.49 0.00	30.34 -1.55 0.00	30.99 -1.59 0.00	39.22 -2.02 0.00	38.44 -1.93 0.00	35.39 -1.67 0.00	35.71 -1.69 0.00	32.63 -1.69 0.00	25.84 -1.29 0.00	23.40 -1.02 0.00	21.64 -0.95 0.00	19.53 -0.85 0.00	17.49 -0.77 0.00	18.72 -0.84 0.00	20.99 -1.00 0.00	62.79 -3.24 0.00	31.34 -1.53 0.00	33.37 -1.61 0.00	29.37 -1.50 0.00	26.76 -1.39 0.00	31.93 -1.65 0.00	28.38 -1.42 0.00	23.51 -1.11 0.00
SITHE___MASSENA 23902	27.96 0.44 0.00	31.56 0.74 0.00	32.58 0.69 0.00	33.24 0.66 0.00	41.91 0.67 0.00	40.75 0.38 0.00	37.01 -0.05 0.00	37.27 -0.13 0.00	34.62 0.30 0.00	27.59 0.45 0.00	24.98 0.55 0.00	23.13 0.53 0.00	20.83 0.45 0.00	18.66 0.40 0.00	19.99 0.43 0.00	22.53 0.53 0.00	67.25 1.22 0.00	33.15 0.28 0.00	35.07 0.09 0.00	31.01 0.15 0.00	28.51 0.35 0.00	34.07 0.50 0.00	30.27 0.47 0.00	25.12 0.50 0.00

SITHE___OGDNSBRG 24021	28.43 0.91 0.00	32.11 1.29 0.00	33.14 1.25 0.00	33.81 1.22 0.00	42.60 1.36 0.00	41.34 0.97 0.00	37.58 0.52 0.00	37.81 0.41 0.00	35.06 0.74 0.00	27.94 0.80 0.00	25.25 0.82 0.00	23.36 0.76 0.00	20.96 0.58 0.00	18.79 0.52 0.00	20.08 0.52 0.00	22.66 0.67 0.00	67.84 1.81 0.00	33.55 0.69 0.00	35.57 0.59 0.00	31.46 0.59 0.00	28.96 0.81 0.00	34.65 1.08 0.00	30.77 0.97 0.00	25.53 0.91 0.00
SITHE___STERLING 23777	28.18 0.66 0.00	31.49 0.67 0.00	32.57 0.68 0.00	33.26 0.68 0.00	42.12 0.88 0.00	41.36 0.98 0.00	38.21 1.15 0.00	38.51 1.11 0.00	35.16 0.84 0.00	27.75 0.61 0.00	24.86 0.43 0.00	22.89 0.28 0.00	20.62 0.24 0.00	18.43 0.17 0.00	19.66 0.10 0.00	22.13 0.14 0.00	66.96 0.92 0.00	33.62 0.76 0.00	35.88 0.90 0.00	31.47 0.61 0.00	28.55 0.40 0.00	34.02 0.45 0.00	30.20 0.40 0.00	24.88 0.26 0.00
SLEIGHT__34_KV_TB1 80719	26.47 -1.05 0.00	29.50 -1.32 0.00	30.49 -1.40 0.00	31.11 -1.47 0.00	39.39 -1.85 0.00	38.58 -1.79 0.00	35.51 -1.55 0.00	35.90 -1.50 0.00	32.66 -1.66 0.00	25.93 -1.21 0.00	23.44 -0.98 0.00	21.65 -0.95 0.00	19.45 -0.93 0.00	17.36 -0.91 0.00	18.57 -0.98 0.00	20.95 -1.04 0.00	62.90 -3.13 0.00	31.31 -1.56 0.00	33.34 -1.64 0.00	29.28 -1.58 0.00	26.63 -1.52 0.00	31.74 -1.83 0.00	28.23 -1.57 0.00	23.35 -1.27 0.00
SOUTH CAIRO___GT 23612	29.33 1.81 0.00	32.65 1.83 0.00	33.88 1.99 0.00	34.66 2.08 0.00	43.94 2.70 0.00	43.19 2.82 0.00	40.02 2.96 0.00	40.29 2.89 0.00	36.45 2.13 0.00	28.26 1.12 0.00	25.13 0.71 0.00	23.23 0.63 0.00	20.94 0.56 0.00	18.76 0.50 0.00	20.13 0.57 0.00	22.75 0.76 0.00	69.44 3.41 0.00	35.10 2.24 0.00	37.75 2.77 0.00	33.21 2.35 0.00	30.10 1.95 0.00	35.87 2.30 0.00	31.68 1.88 0.00	26.04 1.41 0.00
SOUTH HAMPTN___IC 23720	29.12 1.60 0.00	32.22 1.40 0.00	33.17 1.28 0.00	33.91 1.33 0.00	42.64 1.40 0.00	42.13 1.76 0.00	39.55 2.49 0.00	40.52 3.12 0.00	36.57 2.25 0.00	28.49 1.35 0.00	26.01 1.59 0.00	24.14 1.54 0.00	21.60 1.22 0.00	19.42 1.16 0.00	20.83 1.27 0.00	23.53 1.54 0.00	70.92 4.89 0.00	35.66 2.79 0.00	38.28 3.30 0.00	33.80 2.94 0.00	30.63 2.48 0.00	36.18 2.61 0.00	31.98 2.18 0.00	26.30 1.68 0.00
SOUTHDOW__115KV_TB1 355954	26.97 -0.55 0.00	29.92 -0.90 0.00	31.18 -0.70 0.00	31.84 -0.74 0.00	40.07 -1.17 0.00	39.44 -0.93 0.00	36.31 -0.75 0.00	36.57 -0.83 0.00	33.20 -1.12 0.00	26.70 -0.44 0.00	24.25 -0.17 0.00	22.39 -0.21 0.00	20.11 -0.27 0.00	17.93 -0.34 0.00	19.10 -0.46 0.00	21.42 -0.58 0.00	63.15 -2.88 0.00	31.09 -1.78 0.00	33.12 -1.86 0.00	28.84 -2.02 0.00	26.09 -2.07 0.00	31.33 -2.24 0.00	28.33 -1.47 0.00	23.68 -0.95 0.00
SOUTHOLD_69_KV_BK 2 55809	29.31 1.79 0.00	32.38 1.56 0.00	33.35 1.46 0.00	34.10 1.52 0.00	42.89 1.65 0.00	42.44 2.07 0.00	39.96 2.90 0.00	41.17 3.77 0.00	37.11 2.79 0.00	28.87 1.74 0.00	26.35 1.93 0.00	24.41 1.81 0.00	21.76 1.38 0.00	19.54 1.28 0.00	20.98 1.42 0.00	23.73 1.73 0.00	71.37 5.34 0.00	35.90 3.03 0.00	38.57 3.59 0.00	34.07 3.21 0.00	30.88 2.73 0.00	36.50 2.93 0.00	32.32 2.52 0.00	26.60 1.97 0.00
SOUTHOLD___IC 23719	29.30 1.79 0.00	32.38 1.56 0.00	33.35 1.46 0.00	34.10 1.52 0.00	42.90 1.65 0.00	42.44 2.07 0.00	39.96 2.90 0.00	41.17 3.77 0.00	37.11 2.79 0.00	28.87 1.73 0.00	26.35 1.93 0.00	24.40 1.80 0.00	21.76 1.38 0.00	19.54 1.28 0.00	20.98 1.42 0.00	23.73 1.73 0.00	71.37 5.34 0.00	35.90 3.03 0.00	38.57 3.59 0.00	34.07 3.21 0.00	30.88 2.73 0.00	36.50 2.93 0.00	32.32 2.52 0.00	26.59 1.97 0.00
SOUTH_FORK_WT_PWR 323839	29.15 1.64 0.00	32.19 1.36 0.00	33.15 1.26 0.00	33.92 1.33 0.00	42.65 1.40 0.00	42.21 1.83 0.00	39.81 2.75 0.00	41.19 3.79 0.00	37.14 2.82 0.00	28.89 1.75 0.00	26.37 1.95 0.00	24.41 1.81 0.00	21.72 1.34 0.00	19.49 1.22 0.00	20.93 1.38 0.00	23.67 1.68 0.00	71.03 5.00 0.00	35.70 2.83 0.00	38.35 3.37 0.00	33.91 3.05 0.00	30.76 2.60 0.00	36.36 2.79 0.00	32.24 2.44 0.00	26.56 1.94 0.00
SPIERFLS_115KV_TB 1 80737	28.75 1.23 0.00	32.05 1.23 0.00	33.33 1.44 0.00	34.27 1.69 0.00	43.49 2.25 0.00	42.72 2.35 0.00	39.50 2.44 0.00	39.66 2.26 0.00	36.23 1.91 0.00	28.30 1.16 0.00	25.02 0.60 0.00	23.10 0.50 0.00	20.86 0.48 0.00	18.61 0.35 0.00	19.99 0.43 0.00	22.63 0.63 0.00	68.81 2.78 0.00	34.60 1.74 0.00	37.05 2.07 0.00	32.59 1.73 0.00	29.49 1.34 0.00	35.00 1.43 0.00	30.93 1.13 0.00	25.46 0.84 0.00
ST LAWRENCE____ 23600	27.62 0.11 0.00	31.10 0.27 0.00	32.11 0.22 0.00	32.76 0.18 0.00	41.45 0.21 0.00	40.34 -0.03 0.00	36.63 -0.43 0.00	36.90 -0.50 0.00	34.30 -0.02 0.00	27.31 0.17 0.00	24.63 0.21 0.00	22.82 0.22 0.00	20.56 0.18 0.00	18.42 0.15 0.00	19.73 0.17 0.00	22.23 0.24 0.00	66.56 0.53 0.00	32.82 -0.04 0.00	34.74 -0.25 0.00	30.73 -0.13 0.00	28.23 0.08 0.00	33.71 0.14 0.00	29.87 0.08 0.00	24.77 0.15 0.00
STATE_CA_115KV_115_LB 55624	28.16 0.64 0.00	31.39 0.57 0.00	32.58 0.69 0.00	33.31 0.73 0.00	42.20 0.96 0.00	41.46 1.09 0.00	38.36 1.30 0.00	38.69 1.29 0.00	35.26 0.94 0.00	27.64 0.50 0.00	24.70 0.28 0.00	22.85 0.25 0.00	20.65 0.27 0.00	18.51 0.25 0.00	19.86 0.30 0.00	22.37 0.38 0.00	67.46 1.43 0.00	33.86 1.00 0.00	36.20 1.22 0.00	31.87 1.00 0.00	28.93 0.78 0.00	34.51 0.93 0.00	30.57 0.77 0.00	25.14 0.52 0.00
STATE_ST_34_KV_LOAD 55959	27.15 -0.37 0.00	30.46 -0.36 0.00	31.35 -0.53 0.00	32.04 -0.54 0.00	40.67 -0.58 0.00	39.82 -0.56 0.00	36.77 -0.29 0.00	37.12 -0.28 0.00	33.82 -0.50 0.00	26.72 -0.42 0.00	24.16 -0.26 0.00	22.29 -0.31 0.00	20.07 -0.31 0.00	17.89 -0.37 0.00	19.21 -0.35 0.00	21.61 -0.38 0.00	64.92 -1.12 0.00	32.34 -0.52 0.00	34.55 -0.43 0.00	30.42 -0.44 0.00	27.64 -0.52 0.00	32.86 -0.71 0.00	29.21 -0.59 0.00	24.25 -0.38 0.00
STATION 5_MISC_HYD 23604	26.31 -1.21 0.00	29.26 -1.56 0.00	30.28 -1.61 0.00	30.88 -1.71 0.00	39.03 -2.22 0.00	38.17 -2.20 0.00	34.95 -2.12 0.00	35.34 -2.06 0.00	32.15 -2.17 0.00	25.60 -1.53 0.00	23.18 -1.24 0.00	21.45 -1.15 0.00	19.26 -1.12 0.00	17.18 -1.09 0.00	18.37 -1.18 0.00	20.76 -1.24 0.00	62.20 -3.83 0.00	30.88 -1.99 0.00	32.86 -2.12 0.00	28.82 -2.04 0.00	26.22 -1.93 0.00	31.32 -2.26 0.00	27.88 -1.92 0.00	23.07 -1.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.82 -0.70 0.00	29.87 -0.95 0.00	30.85 -1.04 0.00	31.50 -1.08 0.00	39.87 -1.38 0.00	39.07 -1.30 0.00	35.95 -1.11 0.00	36.33 -1.07 0.00	32.99 -1.33 0.00	26.15 -0.98 0.00	23.62 -0.79 0.00	21.82 -0.78 0.00	19.60 -0.78 0.00	17.50 -0.76 0.00	18.71 -0.85 0.00	21.10 -0.89 0.00	63.39 -2.64 0.00	31.60 -1.27 0.00	33.64 -1.34 0.00	29.55 -1.31 0.00	26.85 -1.30 0.00	32.04 -1.54 0.00	28.51 -1.29 0.00	23.57 -1.05 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	26.21 -1.31 0.00	29.16 -1.66 0.00	30.18 -1.71 0.00	30.78 -1.81 0.00	38.91 -2.33 0.00	38.07 -2.30 0.00	34.90 -2.17 0.00	35.27 -2.13 0.00	32.11 -2.21 0.00	25.55 -1.58 0.00	23.13 -1.29 0.00	21.39 -1.21 0.00	19.22 -1.16 0.00	17.14 -1.12 0.00	18.34 -1.22 0.00	20.71 -1.28 0.00	62.10 -3.93 0.00	30.84 -2.03 0.00	32.81 -2.17 0.00	28.80 -2.07 0.00	26.19 -1.97 0.00	31.26 -2.31 0.00	27.83 -1.96 0.00	23.01 -1.61 0.00
STA_56___34_KV_BUS2 355983	26.21 -1.31 0.00	29.16 -1.66 0.00	30.18 -1.71 0.00	30.78 -1.81 0.00	38.91 -2.33 0.00	38.07 -2.30 0.00	34.90 -2.17 0.00	35.27 -2.13 0.00	32.11 -2.21 0.00	25.55 -1.58 0.00	23.13 -1.29 0.00	21.39 -1.21 0.00	19.22 -1.16 0.00	17.14 -1.12 0.00	18.34 -1.22 0.00	20.71 -1.28 0.00	62.10 -3.93 0.00	30.84 -2.03 0.00	32.81 -2.17 0.00	28.80 -2.07 0.00	26.19 -1.97 0.00	31.26 -2.31 0.00	27.83 -1.96 0.00	23.01 -1.61 0.00
STA_67___115KV_BK2 355882	26.25 -1.27 0.00	29.20 -1.63 0.00	30.21 -1.68 0.00	30.81 -1.77 0.00	38.94 -2.30 0.00	38.08 -2.29 0.00	34.87 -2.19 0.00	35.25 -2.15 0.00	32.08 -2.24 0.00	25.55 -1.59 0.00	23.13 -1.29 0.00	21.41 -1.19 0.00	19.22 -1.16 0.00	17.15 -1.12 0.00	18.34 -1.22 0.00	20.71 -1.28 0.00	62.07 -3.96 0.00	30.81 -2.06 0.00	32.78 -2.20 0.00	28.76 -2.10 0.00	26.16 -1.99 0.00	31.24 -2.33 0.00	27.83 -1.97 0.00	23.02 -1.60 0.00
STA_7___115KV_9TRANS 80674	26.43 -1.09 0.00	29.39 -1.44 0.00	30.41 -1.48 0.00	31.01 -1.57 0.00	39.20 -2.04 0.00	38.36 -2.02 0.00	35.14 -1.92 0.00	35.53 -1.87 0.00	32.32 -2.00 0.00	25.72 -1.42 0.00	23.28 -1.14 0.00	21.54 -1.05 0.00	19.34 -1.04 0.00	17.25 -1.02 0.00	18.44 -1.12 0.00	20.84 -1.16 0.00	62.49 -3.54 0.00	31.02 -1.84 0.00	33.03 -1.95 0.00	28.98 -1.88 0.00	26.36 -1.79 0.00	31.46 -2.11 0.00	28.01 -1.79 0.00	23.17 -1.45 0.00
STA_82___115KV_TB1 80780	26.26 -1.26 0.00	29.21 -1.61 0.00	30.24 -1.65 0.00	30.82 -1.76 0.00	38.96 -2.28 0.00	38.11 -2.26 0.00	34.89 -2.18 0.00	35.27 -2.13 0.00	32.09 -2.23 0.00	25.56 -1.58 0.00	23.13 -1.29 0.00	21.41 -1.19 0.00	19.22 -1.15 0.00	17.15 -1.12 0.00	18.34 -1.22 0.00	20.72 -1.27 0.00	62.10 -3.93 0.00	30.82 -2.04 0.00	32.80 -2.18 0.00	28.77 -2.09 0.00	26.18 -1.98 0.00	31.26 -2.32 0.00	27.84 -1.96 0.00	23.03 -1.60 0.00
STEEL___WIND 323596	25.96 -1.55 0.00	28.83 -2.00 0.00	29.88 -2.01 0.00	30.41 -2.17 0.00	38.36 -2.89 0.00	37.45 -2.92 0.00	34.10 -2.97 0.00	34.49 -2.91 0.00	31.41 -2.91 0.00	25.25 -1.89 0.00	22.92 -1.50 0.00	21.23 -1.37 0.00	19.01 -1.37 0.00	16.93 -1.34 0.00	18.09 -1.46 0.00	20.49 -1.51 0.00	61.03 -5.00 0.00	30.07 -2.79 0.00	31.89 -3.09 0.00	27.91 -2.95 0.00	25.33 -2.82 0.00	30.35 -3.22 0.00	27.16 -2.64 0.00	22.52 -2.11 0.00
STEPHTWN_115KV_BK_2 55603	28.40 0.88 0.00	31.66 0.84 0.00	32.84 0.95 0.00	33.56 0.98 0.00	42.50 1.26 0.00	41.79 1.42 0.00	38.69 1.63 0.00	39.02 1.62 0.00	35.52 1.20 0.00	27.81 0.68 0.00	24.85 0.43 0.00	22.97 0.37 0.00	20.74 0.36 0.00	18.57 0.30 0.00	19.94 0.38 0.00	22.49 0.50 0.00	67.94 1.91 0.00	34.11 1.24 0.00	36.47 1.50 0.00	32.14 1.28 0.00	29.15 1.00 0.00	34.80 1.23 0.00	30.84 1.04 0.00	25.30 0.68 0.00
STEUBEN_REC_LFGE 323667	26.57 -0.95 0.00	30.54 -0.28 0.00	31.36 -0.53 0.00	31.89 -0.69 0.00	40.79 -0.46 0.00	39.36 -1.02 0.00	36.50 -0.56 0.00	37.01 -0.39 0.00	33.66 -0.66 0.00	26.76 -0.38 0.00	24.12 -0.31 0.00	22.22 -0.37 0.00	19.98 -0.40 0.00	17.88 -0.38 0.00	18.93 -0.62 0.00	21.11 -0.88 0.00	62.78 -3.25 0.00	31.28 -1.58 0.00	33.48 -1.50 0.00	29.20 -1.66 0.00	26.23 -1.93 0.00	31.54 -2.04 0.00	28.47 -1.33 0.00	23.77 -0.86 0.00
STILLWATER___SOLAR 323814	28.65 1.14 0.00	31.97 1.15 0.00	33.19 1.29 0.00	33.99 1.41 0.00	43.11 1.87 0.00	42.36 1.99 0.00	39.14 2.08 0.00	39.39 1.99 0.00	35.89 1.57 0.00	28.06 0.92 0.00	24.94 0.53 0.00	23.04 0.44 0.00	20.82 0.44 0.00	18.63 0.36 0.00	20.01 0.45 0.00	22.60 0.60 0.00	68.56 2.53 0.00	34.45 1.58 0.00	36.85 1.87 0.00	32.44 1.57 0.00	29.42 1.26 0.00	35.02 1.45 0.00	31.01 1.21 0.00	25.52 0.90 0.00
STONY___BROOK 24151	29.15 1.64 0.00	32.30 1.47 0.00	33.26 1.37 0.00	33.99 1.41 0.00	42.72 1.48 0.00	42.23 1.85 0.00	39.55 2.49 0.00	40.31 2.91 0.00	36.49 2.17 0.00	28.52 1.38 0.00	25.88 1.45 0.00	24.01 1.41 0.00	21.56 1.18 0.00	19.39 1.12 0.00	20.78 1.22 0.00	23.47 1.47 0.00	70.68 4.65 0.00	35.46 2.60 0.00	38.10 3.12 0.00	33.54 2.67 0.00	30.40 2.25 0.00	35.96 2.38 0.00	31.84 2.05 0.00	26.15 1.53 0.00
STURGEON_POOL_HYD 23609	28.70 1.18 0.00	31.93 1.11 0.00	33.04 1.15 0.00	33.78 1.20 0.00	42.75 1.50 0.00	42.17 1.80 0.00	39.28 2.22 0.00	39.89 2.49 0.00	36.17 1.85 0.00	28.38 1.24 0.00	25.44 1.02 0.00	23.54 0.94 0.00	21.20 0.82 0.00	19.03 0.77 0.00	20.38 0.82 0.00	22.92 0.93 0.00	68.93 2.90 0.00	34.59 1.73 0.00	37.05 2.07 0.00	32.60 1.73 0.00	29.59 1.44 0.00	35.15 1.58 0.00	31.27 1.47 0.00	25.68 1.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.58 1.06 0.00	31.82 1.00 0.00	32.94 1.05 0.00	33.67 1.09 0.00	42.60 1.36 0.00	42.00 1.63 0.00	39.10 2.05 0.00	39.65 2.25 0.00	35.96 1.64 0.00	28.20 1.06 0.00	25.32 0.90 0.00	23.45 0.85 0.00	21.13 0.75 0.00	18.96 0.70 0.00	20.30 0.75 0.00	22.84 0.85 0.00	68.69 2.66 0.00	34.45 1.59 0.00	36.88 1.90 0.00	32.44 1.58 0.00	29.43 1.27 0.00	34.97 1.40 0.00	31.13 1.33 0.00	25.57 0.95 0.00
SWANROAD_115KV_TB1 355699	25.06 -2.46 0.00	27.76 -3.06 0.00	28.75 -3.14 0.00	29.26 -3.32 0.00	36.96 -4.28 0.00	36.04 -4.33 0.00	32.68 -4.39 0.00	32.99 -4.41 0.00	30.05 -4.28 0.00	24.16 -2.97 0.00	21.93 -2.49 0.00	20.31 -2.29 0.00	18.18 -2.21 0.00	16.15 -2.12 0.00	17.28 -2.28 0.00	19.62 -2.37 0.00	58.48 -7.55 0.00	28.85 -4.02 0.00	30.59 -4.39 0.00	26.78 -4.08 0.00	24.38 -3.77 0.00	29.16 -4.41 0.00	26.05 -3.75 0.00	21.66 -2.96 0.00
SYNERGY___BIOGAS 323694	26.37 -1.15 0.00	29.24 -1.58 0.00	30.28 -1.61 0.00	30.84 -1.75 0.00	38.99 -2.25 0.00	38.12 -2.25 0.00	34.81 -2.25 0.00	35.21 -2.19 0.00	31.89 -2.43 0.00	25.41 -1.73 0.00	22.96 -1.46 0.00	21.21 -1.38 0.00	18.96 -1.42 0.00	16.86 -1.40 0.00	18.03 -1.53 0.00	20.46 -1.53 0.00	61.63 -4.40 0.00	30.54 -2.32 0.00	32.56 -2.42 0.00	28.52 -2.34 0.00	25.92 -2.23 0.00	30.97 -2.61 0.00	27.59 -2.21 0.00	22.86 -1.76 0.00
SYRACUSE___ENERGY_ST1 323597	26.93 -0.59 0.00	30.11 -0.72 0.00	31.10 -0.79 0.00	31.79 -0.79 0.00	40.25 -0.99 0.00	39.46 -0.91 0.00	36.42 -0.64 0.00	36.74 -0.66 0.00	33.48 -0.84 0.00	26.52 -0.62 0.00	23.97 -0.45 0.00	22.15 -0.44 0.00	19.96 -0.42 0.00	17.86 -0.40 0.00	19.11 -0.45 0.00	21.48 -0.52 0.00	64.43 -1.60 0.00	32.18 -0.69 0.00	34.29 -0.68 0.00	30.16 -0.70 0.00	27.44 -0.71 0.00	32.72 -0.85 0.00	29.07 -0.72 0.00	24.06 -0.56 0.00

SYRACUSE___ENERGY_ST2 323598	26.93 -0.59 0.00	30.11 -0.72 0.00	31.10 -0.79 0.00	31.79 -0.79 0.00	40.25 -0.99 0.00	39.46 -0.91 0.00	36.42 -0.64 0.00	36.74 -0.66 0.00	33.48 -0.84 0.00	26.52 -0.62 0.00	23.97 -0.45 0.00	22.15 -0.44 0.00	19.96 -0.42 0.00	17.86 -0.40 0.00	19.11 -0.45 0.00	21.48 -0.52 0.00	64.43 -1.60 0.00	32.18 -0.69 0.00	34.29 -0.68 0.00	30.16 -0.70 0.00	27.44 -0.71 0.00	32.72 -0.85 0.00	29.07 -0.72 0.00	24.06 -0.56 0.00
SYRACUSE___POWER 24017	26.94 -0.58 0.00	30.09 -0.73 0.00	31.10 -0.78 0.00	31.78 -0.80 0.00	40.22 -1.02 0.00	39.43 -0.94 0.00	36.40 -0.66 0.00	36.74 -0.66 0.00	33.48 -0.84 0.00	26.51 -0.63 0.00	23.95 -0.47 0.00	22.13 -0.47 0.00	19.93 -0.45 0.00	17.86 -0.40 0.00	19.10 -0.46 0.00	21.45 -0.54 0.00	64.39 -1.64 0.00	32.20 -0.67 0.00	34.30 -0.68 0.00	30.16 -0.70 0.00	27.43 -0.72 0.00	32.72 -0.85 0.00	29.09 -0.71 0.00	24.05 -0.57 0.00
TALLMAN__138KV_BK151 55660	28.68 1.16 0.00	31.93 1.11 0.00	33.05 1.16 0.00	33.79 1.20 0.00	42.72 1.48 0.00	42.15 1.78 0.00	39.31 2.25 0.00	39.91 2.51 0.00	36.17 1.85 0.00	28.37 1.23 0.00	25.49 1.08 0.00	23.63 1.03 0.00	21.29 0.91 0.00	19.11 0.85 0.00	20.46 0.90 0.00	23.00 1.00 0.00	69.13 3.10 0.00	34.66 1.79 0.00	37.11 2.13 0.00	32.64 1.78 0.00	29.59 1.43 0.00	35.14 1.56 0.00	31.30 1.51 0.00	25.71 1.09 0.00
TEALLAVE_115KV_TB7 355573	26.72 -0.79 0.00	29.84 -0.98 0.00	30.86 -1.03 0.00	31.53 -1.06 0.00	39.89 -1.35 0.00	39.08 -1.29 0.00	36.06 -1.01 0.00	36.39 -1.00 0.00	33.22 -1.10 0.00	26.35 -0.79 0.00	23.82 -0.60 0.00	22.01 -0.59 0.00	19.83 -0.55 0.00	17.76 -0.51 0.00	18.98 -0.57 0.00	21.32 -0.68 0.00	63.93 -2.09 0.00	31.94 -0.93 0.00	34.03 -0.95 0.00	29.92 -0.94 0.00	27.21 -0.94 0.00	32.47 -1.10 0.00	28.86 -0.94 0.00	23.87 -0.75 0.00
TELGRAPH_34_KV_EAST 80808	25.85 -1.67 0.00	28.64 -2.18 0.00	29.67 -2.22 0.00	30.21 -2.37 0.00	38.17 -3.07 0.00	37.29 -3.08 0.00	33.94 -3.12 0.00	34.32 -3.08 0.00	31.17 -3.15 0.00	24.97 -2.17 0.00	22.61 -1.81 0.00	20.91 -1.69 0.00	18.71 -1.68 0.00	16.62 -1.64 0.00	17.78 -1.78 0.00	20.18 -1.81 0.00	60.44 -5.59 0.00	29.89 -2.97 0.00	31.77 -3.21 0.00	27.82 -3.04 0.00	25.29 -2.86 0.00	30.24 -3.34 0.00	26.98 -2.82 0.00	22.38 -2.24 0.00
TEMPLE___115KV_TB 2 55572	26.74 -0.78 0.00	29.86 -0.96 0.00	30.88 -1.01 0.00	31.54 -1.05 0.00	39.92 -1.32 0.00	39.10 -1.27 0.00	36.08 -0.99 0.00	36.42 -0.98 0.00	33.23 -1.09 0.00	26.36 -0.78 0.00	23.83 -0.59 0.00	22.02 -0.58 0.00	19.84 -0.54 0.00	17.77 -0.49 0.00	19.00 -0.56 0.00	21.34 -0.66 0.00	63.97 -2.06 0.00	31.97 -0.90 0.00	34.05 -0.93 0.00	29.94 -0.93 0.00	27.23 -0.93 0.00	32.49 -1.09 0.00	28.87 -0.93 0.00	23.88 -0.74 0.00
TIANA____69_KV_BK 1 55817	29.09 1.58 0.00	32.19 1.37 0.00	33.15 1.26 0.00	33.88 1.30 0.00	42.60 1.36 0.00	42.09 1.72 0.00	39.47 2.41 0.00	40.39 2.99 0.00	36.46 2.14 0.00	28.41 1.27 0.00	25.94 1.52 0.00	24.08 1.48 0.00	21.56 1.18 0.00	19.39 1.13 0.00	20.80 1.24 0.00	23.49 1.50 0.00	70.82 4.79 0.00	35.64 2.77 0.00	38.25 3.27 0.00	33.76 2.90 0.00	30.59 2.44 0.00	36.14 2.56 0.00	31.92 2.12 0.00	26.25 1.62 0.00
TILDEN___115KV_TB1 80814	26.94 -0.58 0.00	30.09 -0.73 0.00	31.10 -0.78 0.00	31.78 -0.80 0.00	40.22 -1.02 0.00	39.43 -0.94 0.00	36.40 -0.66 0.00	36.74 -0.66 0.00	33.48 -0.84 0.00	26.51 -0.63 0.00	23.95 -0.47 0.00	22.13 -0.47 0.00	19.93 -0.45 0.00	17.86 -0.40 0.00	19.10 -0.46 0.00	21.45 -0.54 0.00	64.39 -1.64 0.00	32.20 -0.67 0.00	34.30 -0.68 0.00	30.16 -0.70 0.00	27.43 -0.72 0.00	32.72 -0.85 0.00	29.09 -0.71 0.00	24.05 -0.57 0.00
TRIGEN___CC 323695	29.12 1.60 0.00	32.34 1.52 0.00	33.38 1.49 0.00	34.10 1.52 0.00	42.98 1.74 0.00	42.47 2.10 0.00	39.70 2.64 0.00	40.35 2.95 0.00	36.63 2.31 0.00	28.73 1.59 0.00	25.85 1.43 0.00	23.96 1.36 0.00	21.57 1.18 0.00	19.37 1.11 0.00	20.75 1.19 0.00	23.39 1.40 0.00	70.14 4.11 0.00	35.05 2.18 0.00	37.69 2.71 0.00	33.13 2.27 0.00	30.06 1.91 0.00	35.70 2.13 0.00	31.73 1.93 0.00	26.03 1.41 0.00
TRINITY__115KV__ 4 BK 55933	28.05 0.53 0.00	31.28 0.45 0.00	32.45 0.56 0.00	33.19 0.61 0.00	42.04 0.80 0.00	41.29 0.92 0.00	38.19 1.12 0.00	38.51 1.11 0.00	35.09 0.77 0.00	27.52 0.38 0.00	24.59 0.17 0.00	22.75 0.15 0.00	20.56 0.18 0.00	18.43 0.17 0.00	19.78 0.22 0.00	22.26 0.26 0.00	67.10 1.07 0.00	33.69 0.82 0.00	36.02 1.04 0.00	31.71 0.85 0.00	28.80 0.65 0.00	34.36 0.78 0.00	30.44 0.64 0.00	25.04 0.42 0.00
UNION___PROCESSING_DRP 323587	26.28 -1.24 0.00	29.23 -1.60 0.00	30.24 -1.65 0.00	30.84 -1.74 0.00	38.98 -2.26 0.00	38.12 -2.25 0.00	34.90 -2.16 0.00	35.29 -2.11 0.00	32.11 -2.21 0.00	25.57 -1.57 0.00	23.14 -1.28 0.00	21.42 -1.18 0.00	19.23 -1.15 0.00	17.16 -1.11 0.00	18.34 -1.22 0.00	20.72 -1.27 0.00	62.11 -3.92 0.00	30.84 -2.03 0.00	32.81 -2.17 0.00	28.79 -2.07 0.00	26.19 -1.97 0.00	31.27 -2.31 0.00	27.84 -1.96 0.00	23.04 -1.58 0.00
UPPER HUDSON___HYD 24058	28.75 1.23 0.00	32.05 1.23 0.00	33.33 1.44 0.00	34.27 1.69 0.00	43.49 2.25 0.00	42.72 2.35 0.00	39.50 2.44 0.00	39.66 2.26 0.00	36.23 1.91 0.00	28.30 1.16 0.00	25.02 0.60 0.00	23.10 0.50 0.00	20.85 0.48 0.00	18.61 0.35 0.00	19.99 0.43 0.00	22.63 0.63 0.00	68.81 2.78 0.00	34.60 1.73 0.00	37.04 2.07 0.00	32.59 1.73 0.00	29.49 1.33 0.00	35.00 1.43 0.00	30.93 1.13 0.00	25.46 0.84 0.00
UPPER RAQUET___HYD 24056	27.90 0.38 0.00	31.51 0.69 0.00	32.52 0.63 0.00	33.16 0.58 0.00	41.80 0.56 0.00	40.37 0.00 0.00	36.71 -0.35 0.00	36.89 -0.51 0.00	34.23 -0.09 0.00	27.36 0.23 0.00	24.96 0.54 0.00	23.04 0.44 0.00	20.69 0.31 0.00	18.59 0.32 0.00	19.88 0.32 0.00	22.42 0.42 0.00	66.87 0.84 0.00	32.83 -0.04 0.00	34.73 -0.25 0.00	30.64 -0.22 0.00	28.25 0.10 0.00	33.91 0.33 0.00	30.12 0.32 0.00	25.07 0.45 0.00
VALLEY44_115KV_TB2 355964	26.98 -0.54 0.00	30.06 -0.76 0.00	31.19 -0.70 0.00	31.71 -0.87 0.00	39.69 -1.55 0.00	38.72 -1.65 0.00	35.60 -1.46 0.00	36.11 -1.29 0.00	32.70 -1.63 0.00	26.26 -0.88 0.00	23.96 -0.46 0.00	22.26 -0.34 0.00	19.95 -0.43 0.00	17.80 -0.46 0.00	18.95 -0.61 0.00	21.33 -0.66 0.00	63.35 -2.69 0.00	31.15 -1.72 0.00	33.12 -1.86 0.00	29.02 -1.84 0.00	26.25 -1.91 0.00	31.58 -1.99 0.00	28.54 -1.26 0.00	23.62 -1.00 0.00
VALLEY___115KV_TB 1-4 80826	27.70 0.18 0.00	31.01 0.19 0.00	32.17 0.28 0.00	32.95 0.36 0.00	41.72 0.48 0.00	41.09 0.72 0.00	38.04 0.98 0.00	38.34 0.95 0.00	34.82 0.50 0.00	27.26 0.12 0.00	24.37 -0.05 0.00	22.58 -0.01 0.00	20.35 -0.03 0.00	18.23 -0.04 0.00	19.54 -0.02 0.00	21.98 -0.01 0.00	66.62 0.59 0.00	33.46 0.59 0.00	35.85 0.87 0.00	31.49 0.63 0.00	28.40 0.24 0.00	33.89 0.31 0.00	30.08 0.28 0.00	24.75 0.13 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.70 1.19 0.00	32.13 1.31 0.00	33.23 1.34 0.00	33.97 1.39 0.00	43.02 1.78 0.00	42.16 1.79 0.00	39.03 1.97 0.00	39.37 1.97 0.00	35.82 1.50 0.00	28.25 1.11 0.00	25.36 0.94 0.00	23.42 0.82 0.00	21.08 0.70 0.00	18.85 0.58 0.00	20.15 0.60 0.00	22.66 0.67 0.00	68.33 2.30 0.00	34.20 1.33 0.00	36.50 1.52 0.00	32.12 1.26 0.00	29.18 1.03 0.00	34.73 1.16 0.00	30.90 1.10 0.00	25.48 0.86 0.00
VISCHER___FERRY HYD 24020	28.34 0.82 0.00	31.59 0.77 0.00	32.82 0.93 0.00	33.59 1.01 0.00	42.59 1.35 0.00	41.82 1.45 0.00	38.65 1.59 0.00	38.93 1.53 0.00	35.48 1.16 0.00	27.77 0.63 0.00	24.76 0.34 0.00	22.89 0.30 0.00	20.69 0.31 0.00	18.54 0.27 0.00	19.91 0.35 0.00	22.42 0.43 0.00	67.70 1.67 0.00	34.01 1.15 0.00	36.39 1.42 0.00	32.04 1.18 0.00	29.08 0.93 0.00	34.71 1.13 0.00	30.73 0.93 0.00	25.29 0.67 0.00
V_A_10_SYNC_DSASP 323832	25.54 -1.98 0.00	28.36 -2.46 0.00	29.37 -2.52 0.00	29.92 -2.66 0.00	37.76 -3.48 0.00	36.85 -3.53 0.00	33.56 -3.50 0.00	33.94 -3.45 0.00	30.92 -3.40 0.00	24.80 -2.34 0.00	22.50 -1.92 0.00	20.84 -1.76 0.00	18.69 -1.69 0.00	16.64 -1.62 0.00	17.80 -1.76 0.00	20.15 -1.84 0.00	60.10 -5.93 0.00	29.68 -3.18 0.00	31.51 -3.47 0.00	27.62 -3.24 0.00	25.13 -3.02 0.00	30.06 -3.51 0.00	26.86 -2.94 0.00	22.26 -2.36 0.00
V_CMM_10_SYNC_DSASP 323787	27.75 0.24 0.00	31.24 0.42 0.00	32.25 0.36 0.00	32.92 0.34 0.00	41.64 0.40 0.00	40.52 0.15 0.00	36.80 -0.26 0.00	37.08 -0.31 0.00	34.46 0.14 0.00	27.43 0.30 0.00	24.75 0.33 0.00	22.93 0.33 0.00	20.66 0.28 0.00	18.50 0.24 0.00	19.81 0.26 0.00	22.33 0.34 0.00	66.88 0.85 0.00	32.98 0.11 0.00	34.88 -0.09 0.00	30.87 0.00 0.00	28.35 0.20 0.00	33.86 0.28 0.00	30.00 0.20 0.00	24.88 0.26 0.00
V_CMP_10_SYNC_DSASP 323788	28.38 0.86 0.00	31.82 1.00 0.00	32.65 0.76 0.00	33.19 0.61 0.00	42.43 1.19 0.00	41.42 1.05 0.00	37.94 0.88 0.00	37.89 0.49 0.00	35.42 1.10 0.00	28.14 1.00 0.00	25.38 0.96 0.00	23.35 0.75 0.00	21.08 0.70 0.00	19.03 0.77 0.00	20.51 0.95 0.00	22.96 0.96 0.00	69.02 2.99 0.00	34.20 1.33 0.00	36.09 1.11 0.00	31.61 0.75 0.00	28.66 0.51 0.00	34.31 0.73 0.00	29.92 0.12 0.00	25.17 0.54 0.00
V_D_10_SYNC_DSASP 323841	27.96 0.44 0.00	31.55 0.73 0.00	32.57 0.68 0.00	33.23 0.65 0.00	41.91 0.67 0.00	40.75 0.38 0.00	37.01 -0.05 0.00	37.27 -0.13 0.00	34.62 0.30 0.00	27.59 0.45 0.00	24.97 0.55 0.00	23.13 0.53 0.00	20.83 0.45 0.00	18.66 0.39 0.00	19.98 0.42 0.00	22.53 0.53 0.00	67.25 1.22 0.00	33.15 0.28 0.00	35.07 0.09 0.00	31.01 0.15 0.00	28.51 0.35 0.00	34.07 0.49 0.00	30.27 0.47 0.00	25.12 0.49 0.00
V_E_10_SYNC_DSASP 323830	29.62 2.10 0.00	33.46 2.64 0.00	34.36 2.47 0.00	35.22 2.64 0.00	44.74 3.50 0.00	44.03 3.65 0.00	41.01 3.95 0.00	41.15 3.75 0.00	37.03 2.71 0.00	28.98 1.84 0.00	26.03 1.61 0.00	23.81 1.21 0.00	21.34 0.96 0.00	19.05 0.78 0.00	20.36 0.81 0.00	22.93 0.93 0.00	70.37 4.34 0.00	35.19 2.32 0.00	37.38 2.40 0.00	32.46 1.60 0.00	29.22 1.06 0.00	34.83 1.25 0.00	31.05 1.25 0.00	25.78 1.16 0.00
V_F_30_NSYNC___DSASP 323816	28.69 1.17 0.00	32.00 1.18 0.00	33.22 1.33 0.00	34.03 1.45 0.00	43.15 1.91 0.00	42.40 2.03 0.00	39.18 2.12 0.00	39.43 2.03 0.00	35.95 1.63 0.00	28.12 0.98 0.00	25.02 0.60 0.00	23.11 0.51 0.00	20.88 0.50 0.00	18.68 0.41 0.00	20.06 0.50 0.00	22.65 0.66 0.00	68.69 2.66 0.00	34.50 1.63 0.00	36.89 1.91 0.00	32.47 1.61 0.00	29.45 1.30 0.00	35.07 1.49 0.00	31.04 1.24 0.00	25.55 0.93 0.00
V_F_30_SYNC_DSASP 323786	28.16 0.64 0.00	31.39 0.57 0.00	32.57 0.68 0.00	33.31 0.72 0.00	42.19 0.95 0.00	41.46 1.09 0.00	38.36 1.30 0.00	38.69 1.29 0.00	35.25 0.93 0.00	27.64 0.50 0.00	24.70 0.28 0.00	22.85 0.25 0.00	20.64 0.26 0.00	18.51 0.24 0.00	19.86 0.30 0.00	22.36 0.36 0.00	67.46 1.43 0.00	33.86 0.99 0.00	36.19 1.22 0.00	31.86 1.00 0.00	28.93 0.78 0.00	34.51 0.93 0.00	30.56 0.76 0.00	25.14 0.52 0.00
V_XM_10_SYNC_DSASP 323789	28.38 0.86 0.00	31.82 1.00 0.00	32.65 0.76 0.00	33.19 0.61 0.00	42.43 1.19 0.00	41.42 1.05 0.00	37.94 0.88 0.00	37.89 0.49 0.00	35.42 1.10 0.00	28.14 1.00 0.00	25.38 0.96 0.00	23.35 0.75 0.00	21.08 0.70 0.00	19.03 0.77 0.00	20.51 0.95 0.00	22.96 0.96 0.00	69.02 2.99 0.00	34.20 1.33 0.00	36.09 1.11 0.00	31.61 0.75 0.00	28.66 0.51 0.00	34.31 0.73 0.00	29.92 0.12 0.00	25.17 0.54 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.77 1.25 0.00	32.03 1.21 0.00	33.15 1.26 0.00	33.88 1.30 0.00	42.84 1.60 0.00	42.28 1.90 0.00	39.43 2.37 0.00	40.03 2.63 0.00	36.28 1.96 0.00	28.45 1.32 0.00	25.57 1.15 0.00	23.69 1.09 0.00	21.34 0.96 0.00	19.17 0.90 0.00	20.51 0.95 0.00	23.06 1.07 0.00	69.36 3.33 0.00	34.77 1.91 0.00	37.23 2.26 0.00	32.75 1.89 0.00	29.69 1.54 0.00	35.26 1.69 0.00	31.40 1.60 0.00	25.78 1.16 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.83 1.31 0.00	32.06 1.24 0.00	33.16 1.27 0.00	33.88 1.30 0.00	42.77 1.53 0.00	42.26 1.88 0.00	39.53 2.47 0.00	40.18 2.79 0.00	36.50 2.18 0.00	28.65 1.51 0.00	25.69 1.27 0.00	23.82 1.22 0.00	21.47 1.09 0.00	19.26 1.00 0.00	20.60 1.04 0.00	23.14 1.15 0.00	69.51 3.48 0.00	34.83 1.96 0.00	37.27 2.29 0.00	32.79 1.93 0.00	29.74 1.58 0.00	35.33 1.75 0.00	31.45 1.65 0.00	25.78 1.16 0.00
W50THST__13_KV_LOAD 356117	28.94 1.42 0.00	32.19 1.36 0.00	33.28 1.39 0.00	34.01 1.43 0.00	42.93 1.69 0.00	42.42 2.05 0.00	39.72 2.66 0.00	40.40 3.00 0.00	36.70 2.39 0.00	28.83 1.69 0.00	25.86 1.44 0.00	23.99 1.38 0.00	21.62 1.24 0.00	19.39 1.12 0.00	20.74 1.18 0.00	23.30 1.30 0.00	69.97 3.94 0.00	35.05 2.18 0.00	37.48 2.50 0.00	32.95 2.09 0.00	29.88 1.72 0.00	35.48 1.91 0.00	31.59 1.79 0.00	25.89 1.27 0.00
WADING RIVER_IC_1 23522	28.87 1.35 0.00	31.96 1.14 0.00	32.90 1.01 0.00	33.63 1.05 0.00	42.28 1.04 0.00	41.72 1.35 0.00	39.10 2.04 0.00	39.96 2.56 0.00	36.09 1.77 0.00	28.15 1.01 0.00	25.74 1.32 0.00	23.92 1.32 0.00	21.44 1.06 0.00	19.29 1.03 0.00	20.68 1.12 0.00	23.34 1.35 0.00	70.33 4.30 0.00	35.40 2.54 0.00	37.98 3.00 0.00	33.52 2.65 0.00	30.38 2.23 0.00	35.87 2.30 0.00	31.65 1.85 0.00	26.04 1.41 0.00
WADING RIVER_IC_2 23547	28.87 1.35 0.00	31.96 1.14 0.00	32.90 1.01 0.00	33.63 1.05 0.00	42.28 1.04 0.00	41.72 1.35 0.00	39.10 2.04 0.00	39.96 2.56 0.00	36.09 1.77 0.00	28.15 1.01 0.00	25.74 1.32 0.00	23.92 1.32 0.00	21.44 1.06 0.00	19.29 1.03 0.00	20.68 1.12 0.00	23.34 1.35 0.00	70.33 4.30 0.00	35.40 2.54 0.00	37.98 3.00 0.00	33.52 2.65 0.00	30.38 2.23 0.00	35.87 2.30 0.00	31.65 1.85 0.00	26.04 1.41 0.00

WADING RIVER_IC_3 23601	28.87 1.35 0.00	31.96 1.14 0.00	32.90 1.01 0.00	33.63 1.05 0.00	42.28 1.04 0.00	41.72 1.35 0.00	39.10 2.04 0.00	39.96 2.56 0.00	36.09 1.77 0.00	28.15 1.01 0.00	25.74 1.32 0.00	23.92 1.32 0.00	21.44 1.06 0.00	19.29 1.03 0.00	20.68 1.12 0.00	23.34 1.35 0.00	70.33 4.30 0.00	35.40 2.54 0.00	37.98 3.00 0.00	33.52 2.65 0.00	30.38 2.23 0.00	35.87 2.30 0.00	31.65 1.85 0.00	26.04 1.41 0.00
WALDENNY_I2_KV_BK2 80841	25.97 -1.55 0.00	28.80 -2.02 0.00	29.85 -2.04 0.00	30.38 -2.20 0.00	38.34 -2.90 0.00	37.45 -2.92 0.00	34.09 -2.97 0.00	34.48 -2.92 0.00	31.39 -2.93 0.00	25.24 -1.90 0.00	22.91 -1.50 0.00	21.22 -1.38 0.00	19.00 -1.38 0.00	16.91 -1.35 0.00	18.08 -1.48 0.00	20.48 -1.52 0.00	60.99 -5.04 0.00	30.05 -2.82 0.00	31.89 -3.09 0.00	27.88 -2.98 0.00	25.33 -2.82 0.00	30.32 -3.25 0.00	27.13 -2.67 0.00	22.49 -2.13 0.00
WALDEN___HYDRO 24148	28.93 1.41 0.00	32.19 1.37 0.00	33.33 1.44 0.00	34.07 1.49 0.00	43.10 1.86 0.00	42.52 2.15 0.00	39.62 2.55 0.00	40.17 2.77 0.00	36.34 2.02 0.00	28.41 1.27 0.00	25.44 1.02 0.00	23.52 0.92 0.00	21.18 0.80 0.00	19.01 0.74 0.00	20.35 0.80 0.00	22.93 0.93 0.00	69.12 3.10 0.00	34.80 1.93 0.00	37.29 2.31 0.00	32.78 1.92 0.00	29.74 1.59 0.00	35.35 1.77 0.00	31.44 1.63 0.00	25.82 1.20 0.00
WARRENSBURG____ 23737	28.75 1.23 0.00	32.05 1.23 0.00	33.33 1.44 0.00	34.27 1.69 0.00	43.49 2.25 0.00	42.72 2.35 0.00	39.50 2.44 0.00	39.66 2.26 0.00	36.23 1.91 0.00	28.30 1.16 0.00	25.02 0.60 0.00	23.10 0.50 0.00	20.85 0.48 0.00	18.61 0.35 0.00	19.99 0.43 0.00	22.63 0.63 0.00	68.81 2.78 0.00	34.60 1.73 0.00	37.04 2.07 0.00	32.59 1.73 0.00	29.49 1.33 0.00	35.00 1.43 0.00	30.93 1.13 0.00	25.46 0.84 0.00
WATERSIDE___6 8 9 23538	28.87 1.35 0.00	32.09 1.27 0.00	33.19 1.30 0.00	33.92 1.33 0.00	42.82 1.58 0.00	42.31 1.94 0.00	39.56 2.50 0.00	38.52 2.77 1.65	36.50 2.18 0.00	26.90 1.51 1.74	25.68 1.26 0.00	23.81 1.21 0.00	21.47 1.09 0.00	19.27 1.01 0.00	20.59 1.04 0.00	23.15 1.15 0.00	69.50 3.47 0.00	34.82 1.95 0.00	37.26 2.28 0.00	32.77 1.91 0.00	29.75 1.60 0.00	35.33 1.75 0.00	31.45 1.65 0.00	25.79 1.17 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.73 0.22 0.00	31.00 0.17 0.00	32.13 0.24 0.00	32.87 0.29 0.00	41.62 0.38 0.00	40.94 0.57 0.00	37.85 0.79 0.00	38.18 0.78 0.00	34.76 0.44 0.00	27.25 0.11 0.00	24.38 -0.04 0.00	22.57 -0.03 0.00	20.35 -0.03 0.00	18.24 -0.03 0.00	19.54 -0.02 0.00	21.98 -0.01 0.00	66.47 0.44 0.00	33.34 0.47 0.00	35.68 0.70 0.00	31.38 0.52 0.00	28.44 0.29 0.00	33.92 0.35 0.00	30.09 0.29 0.00	24.78 0.16 0.00
WATSON___69_KV_BK 1 55734	29.62 2.11 0.00	32.76 1.94 0.00	33.72 1.83 0.00	34.46 1.87 0.00	43.33 2.09 0.00	42.86 2.49 0.00	40.12 3.06 0.00	40.80 3.40 0.00	37.00 2.68 0.00	28.95 1.82 0.00	26.16 1.74 0.00	24.24 1.64 0.00	21.78 1.40 0.00	19.57 1.30 0.00	20.99 1.43 0.00	23.72 1.72 0.00	71.39 5.36 0.00	35.79 2.92 0.00	38.47 3.49 0.00	33.81 2.95 0.00	30.65 2.50 0.00	36.27 2.70 0.00	32.13 2.33 0.00	26.38 1.76 0.00
WDELAWARE___HYD 323627	28.59 1.07 0.00	32.23 1.41 0.00	33.43 1.54 0.00	34.20 1.62 0.00	43.31 2.07 0.00	42.76 2.38 0.00	39.80 2.74 0.00	40.30 2.90 0.00	36.37 2.05 0.00	28.43 1.30 0.00	25.57 1.15 0.00	23.45 0.85 0.00	20.62 0.24 0.00	18.36 0.10 0.00	19.54 -0.02 0.00	22.02 0.03 0.00	66.59 0.57 0.00	33.64 0.77 0.00	36.05 1.07 0.00	31.80 0.94 0.00	29.50 1.34 0.00	35.04 1.46 0.00	31.14 1.34 0.00	25.57 0.95 0.00
WEST BABYLON___IC 23714	29.50 1.98 0.00	32.68 1.86 0.00	33.68 1.79 0.00	34.40 1.82 0.00	43.29 2.05 0.00	42.81 2.44 0.00	40.07 3.01 0.00	40.72 3.33 0.00	36.95 2.63 0.00	28.93 1.80 0.00	26.09 1.67 0.00	24.18 1.58 0.00	21.74 1.36 0.00	19.52 1.26 0.00	20.94 1.39 0.00	23.65 1.66 0.00	71.10 5.06 0.00	35.64 2.77 0.00	38.31 3.33 0.00	33.68 2.82 0.00	30.55 2.40 0.00	36.18 2.60 0.00	32.08 2.28 0.00	26.32 1.70 0.00
WEST CANADA___HYD 24049	27.65 0.13 0.00	30.92 0.10 0.00	32.02 0.13 0.00	32.72 0.13 0.00	41.42 0.18 0.00	40.63 0.26 0.00	37.39 0.33 0.00	37.70 0.30 0.00	34.49 0.17 0.00	27.20 0.06 0.00	24.44 0.02 0.00	22.62 0.02 0.00	20.40 0.02 0.00	18.29 0.03 0.00	19.59 0.03 0.00	22.02 0.03 0.00	66.19 0.16 0.00	33.05 0.19 0.00	35.26 0.28 0.00	31.05 0.18 0.00	28.26 0.10 0.00	33.68 0.11 0.00	29.89 0.09 0.00	24.68 0.06 0.00
WESTERN_NY_WIND 24143	26.32 -1.20 0.00	29.19 -1.63 0.00	30.21 -1.68 0.00	30.77 -1.81 0.00	38.91 -2.33 0.00	38.05 -2.32 0.00	34.74 -2.33 0.00	35.13 -2.27 0.00	31.82 -2.50 0.00	25.37 -1.77 0.00	22.92 -1.50 0.00	21.18 -1.42 0.00	18.93 -1.45 0.00	16.84 -1.43 0.00	18.00 -1.56 0.00	20.42 -1.57 0.00	61.52 -4.51 0.00	30.48 -2.39 0.00	32.49 -2.49 0.00	28.45 -2.41 0.00	25.87 -2.29 0.00	30.89 -2.69 0.00	27.53 -2.26 0.00	22.81 -1.82 0.00
WESTOVER___LESR 323668	27.35 -0.17 0.00	30.61 -0.21 0.00	31.62 -0.27 0.00	32.32 -0.26 0.00	40.87 -0.37 0.00	40.12 -0.25 0.00	37.14 0.08 0.00	37.52 0.12 0.00	34.08 -0.25 0.00	26.94 -0.20 0.00	24.31 -0.11 0.00	22.45 -0.15 0.00	20.19 -0.19 0.00	18.09 -0.17 0.00	19.34 -0.22 0.00	21.69 -0.30 0.00	65.20 -0.82 0.00	32.54 -0.33 0.00	34.73 -0.25 0.00	30.53 -0.34 0.00	27.66 -0.50 0.00	33.09 -0.49 0.00	29.46 -0.33 0.00	24.36 -0.27 0.00
WETHRSFD_WT_PWR 323626	25.34 -2.18 0.00	28.16 -2.67 0.00	29.24 -2.65 0.00	29.73 -2.86 0.00	37.54 -3.70 0.00	36.70 -3.68 0.00	33.33 -3.73 0.00	33.64 -3.76 0.00	30.72 -3.60 0.00	24.83 -2.31 0.00	22.54 -1.88 0.00	20.89 -1.71 0.00	18.73 -1.65 0.00	16.68 -1.58 0.00	17.82 -1.74 0.00	20.20 -1.80 0.00	59.97 -6.06 0.00	29.55 -3.32 0.00	31.23 -3.74 0.00	27.24 -3.63 0.00	24.58 -3.57 0.00	29.49 -4.08 0.00	26.47 -3.33 0.00	21.96 -2.66 0.00
WHAVSTOR_138KV_BK127 55557	28.67 1.15 0.00	31.92 1.09 0.00	33.02 1.14 0.00	33.76 1.18 0.00	42.68 1.44 0.00	42.11 1.74 0.00	39.28 2.21 0.00	39.87 2.47 0.00	36.14 1.82 0.00	28.35 1.21 0.00	25.46 1.04 0.00	23.60 1.00 0.00	21.26 0.88 0.00	19.09 0.83 0.00	20.43 0.87 0.00	22.97 0.98 0.00	69.04 3.01 0.00	34.61 1.75 0.00	37.08 2.10 0.00	32.61 1.75 0.00	29.56 1.41 0.00	35.12 1.55 0.00	31.28 1.48 0.00	25.68 1.06 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.67 1.15 0.00	31.92 1.09 0.00	33.02 1.14 0.00	33.76 1.18 0.00	42.68 1.44 0.00	42.11 1.74 0.00	39.28 2.21 0.00	39.87 2.47 0.00	36.14 1.82 0.00	28.35 1.21 0.00	25.46 1.04 0.00	23.60 1.00 0.00	21.26 0.88 0.00	19.09 0.83 0.00	20.43 0.87 0.00	22.97 0.98 0.00	69.04 3.01 0.00	34.61 1.75 0.00	37.08 2.10 0.00	32.61 1.75 0.00	29.56 1.41 0.00	35.12 1.55 0.00	31.28 1.48 0.00	25.68 1.06 0.00

WHITEHAL_115KV_TB1 80871	29.26 1.75 0.00	32.67 1.85 0.00	34.21 2.32 0.00	35.29 2.70 0.00	44.85 3.61 0.00	43.88 3.51 0.00	40.38 3.32 0.00	40.13 2.73 0.00	36.77 2.45 0.00	28.54 1.40 0.00	25.15 0.73 0.00	23.24 0.64 0.00	21.02 0.64 0.00	18.83 0.56 0.00	20.36 0.81 0.00	23.21 1.22 0.00	70.99 4.96 0.00	35.75 2.89 0.00	38.34 3.36 0.00	33.71 2.84 0.00	30.20 2.05 0.00	35.49 1.91 0.00	31.24 1.44 0.00	25.86 1.24 0.00
WHITEPLN_13_KV_LOAD 356215	29.08 1.56 0.00	32.34 1.52 0.00	33.46 1.57 0.00	34.20 1.62 0.00	43.23 1.99 0.00	42.69 2.32 0.00	39.86 2.80 0.00	40.52 3.12 0.00	36.78 2.46 0.00	28.85 1.71 0.00	25.87 1.45 0.00	23.96 1.36 0.00	21.60 1.21 0.00	19.38 1.11 0.00	20.70 1.14 0.00	23.28 1.28 0.00	70.00 3.97 0.00	35.12 2.26 0.00	37.61 2.63 0.00	33.06 2.20 0.00	29.98 1.82 0.00	35.61 2.03 0.00	31.67 1.87 0.00	25.98 1.36 0.00
WM_FLOYD_69_KV_BK2 356380	29.04 1.53 0.00	32.15 1.33 0.00	33.09 1.20 0.00	33.83 1.25 0.00	42.53 1.28 0.00	42.01 1.63 0.00	39.35 2.29 0.00	40.18 2.78 0.00	36.30 1.98 0.00	28.30 1.16 0.00	25.78 1.36 0.00	23.94 1.34 0.00	21.47 1.09 0.00	19.32 1.06 0.00	20.71 1.15 0.00	23.40 1.41 0.00	70.59 4.55 0.00	35.49 2.62 0.00	38.11 3.13 0.00	33.61 2.75 0.00	30.45 2.30 0.00	35.99 2.41 0.00	31.80 2.00 0.00	26.14 1.52 0.00
WOODARD__115KV_TB2 355635	26.67 -0.84 0.00	29.80 -1.02 0.00	30.81 -1.08 0.00	31.48 -1.11 0.00	39.85 -1.40 0.00	39.06 -1.32 0.00	36.01 -1.05 0.00	36.35 -1.05 0.00	33.17 -1.15 0.00	26.29 -0.85 0.00	23.77 -0.65 0.00	21.97 -0.63 0.00	19.80 -0.58 0.00	17.73 -0.53 0.00	18.96 -0.60 0.00	21.29 -0.71 0.00	63.83 -2.20 0.00	31.88 -0.98 0.00	33.96 -1.02 0.00	29.87 -0.99 0.00	27.18 -0.97 0.00	32.42 -1.15 0.00	28.81 -0.99 0.00	23.84 -0.78 0.00
YORK__WARBASSE 23770	29.02 1.51 0.00	32.28 1.45 0.00	33.38 1.49 0.00	34.11 1.53 0.00	43.04 1.80 0.00	42.54 2.17 0.00	39.77 2.71 0.00	48.31 3.00 -7.92	36.67 2.35 0.00	37.13 1.64 -8.35	25.82 1.40 0.00	23.95 1.35 0.00	21.60 1.21 -0.01	19.39 1.12 -0.01	20.72 1.15 -0.02	23.28 1.29 -0.01	69.84 3.81 0.00	34.96 2.09 0.00	37.39 2.41 0.00	32.90 2.04 0.00	29.90 1.74 0.00	35.49 1.92 0.00	31.62 1.82 0.00	25.95 1.33 0.00