

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

10/09/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.11	24.37	19.17	25.46	24.45	25.88	38.22	42.69	29.02	29.31	30.15	26.90	23.78	23.67	23.86	24.07	28.14	41.91	55.85	63.01	77.16	46.24	39.05	33.74
24138	1.23	0.95	0.69	0.82	0.77	0.78	1.16	1.25	1.11	1.50	1.66	1.51	1.34	1.46	1.48	1.53	1.69	2.03	2.00	2.14	2.57	1.64	1.53	1.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	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	30.12	24.38	19.18	25.46	24.45	25.88	38.20	42.71	29.04	29.30	30.13	26.87	23.75	23.64	23.84	24.05	28.11	41.89	55.91	63.14	77.34	46.34	39.10	33.77
24260	1.24	0.95	0.70	0.82	0.77	0.77	1.15	1.27	1.14	1.49	1.64	1.49	1.32	1.44	1.46	1.50	1.66	2.02	2.06	2.27	2.75	1.74	1.59	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	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	30.12	24.38	19.18	25.46	24.45	25.88	38.20	42.71	29.04	29.30	30.13	26.87	23.75	23.64	23.84	24.05	28.11	41.89	55.91	63.14	77.34	46.34	39.10	33.77
24261	1.24	0.95	0.70	0.82	0.77	0.77	1.15	1.27	1.14	1.49	1.64	1.49	1.32	1.44	1.46	1.50	1.66	2.02	2.06	2.27	2.75	1.74	1.59	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.49	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	29.65	24.07	18.99	25.34	24.43	25.90	38.54	43.18	28.92	28.45	29.00	25.85	22.36	22.56	22.75	23.06	27.36	41.61	56.09	63.52	77.95	46.46	39.00	33.83
24011	0.78	0.64	0.51	0.70	0.75	0.80	1.48	1.73	1.01	0.64	0.51	0.46	0.32	0.35	0.38	0.51	0.91	1.74	2.24	2.65	3.36	1.86	1.49	1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	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	29.79	24.17	19.05	25.44	24.56	26.03	38.85	43.52	29.15	28.55	29.12	25.96	22.45	22.63	22.83	23.18	27.50	41.88	56.46	63.98	78.54	46.77	39.24	34.04
23798	0.91	0.74	0.58	0.79	0.88	0.93	1.80	2.08	1.24	0.74	0.64	0.58	0.40	0.42	0.44	0.63	1.05	2.00	2.61	3.11	3.95	2.17	1.72	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.65	24.07	18.99	25.34	24.43	25.90	38.54	43.18	28.92	28.45</														

ALBANY___2 23572	28.58 -0.30 0.00	23.27 -0.16 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.51 -0.17 0.00	24.85 -0.25 0.00	36.71 -0.35 0.00	41.14 -0.31 0.00	27.74 -0.16 0.00	27.66 -0.15 0.00	28.33 -0.16 0.00	25.29 -0.09 0.00	21.94 -0.11 -0.11	22.15 -0.06 0.00	22.35 -0.03 0.00	22.52 -0.02 0.00	26.50 0.05 0.00	39.85 -0.03 0.00	53.41 -0.44 0.00	60.47 -0.40 0.00	74.28 -0.30 0.00	44.38 -0.22 0.00	37.39 -0.13 0.00	32.46 -0.22 0.00
ALBANY___3 23573	28.58 -0.30 0.00	23.27 -0.16 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.51 -0.17 0.00	24.85 -0.25 0.00	36.71 -0.35 0.00	41.14 -0.31 0.00	27.74 -0.16 0.00	27.66 -0.15 0.00	28.33 -0.16 0.00	25.29 -0.09 0.00	21.94 -0.11 -0.11	22.15 -0.06 0.00	22.35 -0.03 0.00	22.52 -0.02 0.00	26.50 0.05 0.00	39.85 -0.03 0.00	53.41 -0.44 0.00	60.47 -0.40 0.00	74.28 -0.30 0.00	44.38 -0.22 0.00	37.39 -0.13 0.00	32.46 -0.22 0.00
ALBANY___4 23574	28.58 -0.30 0.00	23.27 -0.16 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.51 -0.17 0.00	24.85 -0.25 0.00	36.71 -0.35 0.00	41.14 -0.31 0.00	27.74 -0.16 0.00	27.66 -0.15 0.00	28.33 -0.16 0.00	25.29 -0.09 0.00	21.94 -0.11 -0.11	22.15 -0.06 0.00	22.35 -0.03 0.00	22.52 -0.02 0.00	26.50 0.05 0.00	39.85 -0.03 0.00	53.41 -0.44 0.00	60.47 -0.40 0.00	74.28 -0.30 0.00	44.38 -0.22 0.00	37.39 -0.13 0.00	32.46 -0.22 0.00
ALBANY___LFGE 323615	28.86 -0.01 0.00	23.48 0.06 0.00	18.53 0.05 0.00	24.68 0.04 0.00	23.74 0.06 0.00	25.10 0.00 0.00	37.10 0.05 0.00	41.58 0.13 0.00	28.03 0.12 0.00	27.93 0.12 0.00	28.59 0.11 0.00	25.51 0.12 0.00	22.13 0.08 -0.11	22.34 0.14 0.00	22.54 0.16 0.00	22.73 0.18 0.00	26.77 0.32 0.00	40.30 0.43 0.00	54.04 0.19 0.00	61.19 0.32 0.00	75.11 0.52 0.00	44.87 0.27 0.00	37.77 0.25 0.00	32.79 0.11 0.00
ALCOA_PA_115KV_PL-6C 55860	29.64 0.76 0.00	24.01 0.58 0.00	18.90 0.42 0.00	25.24 0.60 0.00	24.29 0.61 0.00	25.80 0.70 0.00	38.10 1.04 0.00	42.53 1.08 0.00	28.51 0.60 0.00	28.40 0.59 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.38 0.44 0.00	22.60 0.39 0.00	22.78 0.40 0.00	22.93 0.38 0.00	26.85 0.40 0.00	40.58 0.70 0.00	55.08 1.24 0.00	62.31 1.44 0.00	76.24 1.65 0.00	45.66 1.06 0.00	38.39 0.87 0.00	33.59 0.91 0.00
ALCOA_RYNLDS___DRP 24188	29.64 0.76 0.00	24.01 0.58 0.00	18.90 0.42 0.00	25.24 0.60 0.00	24.29 0.61 0.00	25.80 0.70 0.00	38.10 1.04 0.00	42.53 1.08 0.00	28.51 0.60 0.00	28.40 0.59 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.38 0.44 0.00	22.60 0.39 0.00	22.78 0.40 0.00	22.93 0.38 0.00	26.85 0.40 0.00	40.58 0.70 0.00	55.08 1.24 0.00	62.31 1.44 0.00	76.24 1.65 0.00	45.66 1.06 0.00	38.39 0.87 0.00	33.59 0.91 0.00
ALCOA___DSASP 323711	29.64 0.76 0.00	24.01 0.58 0.00	18.90 0.42 0.00	25.24 0.60 0.00	24.29 0.61 0.00	25.80 0.70 0.00	38.10 1.04 0.00	42.53 1.08 0.00	28.51 0.60 0.00	28.40 0.59 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.38 0.44 0.00	22.60 0.39 0.00	22.78 0.40 0.00	22.93 0.38 0.00	26.85 0.40 0.00	40.58 0.70 0.00	55.08 1.24 0.00	62.31 1.44 0.00	76.27 1.68 0.00	45.66 1.06 0.00	38.39 0.87 0.00	33.59 0.91 0.00
ALLEGHENY___COGEN 23514	30.41 1.53 0.00	24.56 1.13 0.00	19.38 0.90 0.00	25.92 1.28 0.00	24.95 1.28 0.00	26.56 1.45 0.00	38.87 1.81 0.00	43.39 1.95 0.00	29.07 1.16 0.00	28.35 0.54 0.00	29.15 0.66 0.00	25.94 0.55 0.00	22.53 0.67 0.08	22.59 0.38 0.00	22.67 0.28 0.00	22.75 0.21 0.00	26.40 -0.04 0.00	39.74 -0.14 0.00	55.46 1.62 0.00	62.61 1.74 0.00	76.38 1.80 0.00	45.53 0.93 0.00	38.28 0.76 0.00	33.75 1.07 0.00
ALTAMONT_115KV_TB 2 55880	28.94 0.06 0.00	23.53 0.11 0.00	18.56 0.09 0.00	24.74 0.10 0.00	23.77 0.09 0.00	25.13 0.03 0.00	37.13 0.07 0.00	41.55 0.10 0.00	28.03 0.13 0.00	27.98 0.16 0.00	28.66 0.18 0.00	25.56 0.18 0.00	22.19 0.14 -0.11	22.39 0.18 0.00	22.58 0.20 0.00	22.75 0.21 0.00	26.73 0.28 0.00	40.21 0.33 0.00	53.97 0.13 0.00	61.11 0.24 0.00	75.02 0.43 0.00	44.86 0.26 0.00	37.77 0.25 0.00	32.80 0.12 0.00
ALTONA_WT_PWR 323606	29.76 0.88 0.00	24.07 0.65 0.00	18.86 0.39 0.00	25.16 0.51 0.00	24.22 0.54 0.00	25.68 0.57 0.00	38.12 1.07 0.00	42.49 1.04 0.00	28.71 0.81 0.00	28.48 0.67 0.00	29.18 0.70 0.00	26.09 0.71 0.00	22.42 0.48 0.00	22.64 0.43 0.00	22.79 0.40 0.00	23.02 0.47 0.00	27.09 0.64 0.00	40.64 0.76 0.00	55.02 1.18 0.00	62.59 1.73 0.00	76.86 2.27 0.00	46.24 1.64 0.00	39.00 1.48 0.00	34.11 1.43 0.00
AMERICAN_REF_FUEL 24010	29.08 0.20 0.00	23.57 0.15 0.00	18.62 0.14 0.00	24.93 0.28 0.00	24.00 0.32 0.00	25.36 0.26 0.00	36.18 -0.87 0.00	39.91 -1.54 0.00	27.12 -0.78 0.00	27.62 -0.19 0.00	28.69 0.20 0.00	25.56 0.17 0.00	22.26 0.39 0.07	22.30 0.09 0.00	22.40 0.02 0.00	22.34 -0.21 0.00	25.30 -1.15 0.00	37.19 -2.69 0.00	50.79 -3.06 0.00	56.46 -4.40 0.00	68.74 -5.85 0.00	41.41 -3.19 0.00	35.35 -2.17 0.00	31.90 -0.78 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.23 0.35 0.00	23.66 0.23 0.00	18.61 0.13 0.00	24.90 0.25 0.00	24.01 0.34 0.00	25.48 0.38 0.00	36.71 -0.35 0.00	40.94 -0.51 0.00	27.95 0.04 0.00	28.35 0.54 0.00	29.31 0.83 0.00	26.00 0.61 0.00	22.67 0.81 0.08	22.80 0.59 0.00	22.88 0.50 0.00	22.86 0.32 0.00	26.22 -0.23 0.00	38.78 -1.09 0.00	53.15 -0.69 0.00	58.71 -2.15 0.00	71.51 -3.08 0.00	42.78 -1.82 0.00	36.07 -1.45 0.00	31.89 -0.79 0.00
ARTHUR KILL_GT_1 23520	29.97 1.10 0.00	24.27 0.85 0.00	19.10 0.62 0.00	25.42 0.78 0.00	24.44 0.76 0.00	25.86 0.76 0.00	38.13 1.07 0.00	42.13 0.68 0.00	28.81 0.91 0.00	28.98 1.17 0.00	29.80 1.31 0.00	26.55 1.17 0.00	23.51 1.08 -0.49	23.42 1.22 0.00	23.61 1.23 0.00	23.81 1.27 0.00	27.84 1.39 0.00	41.42 1.55 0.00	55.12 1.28 0.00	62.41 1.54 0.00	76.77 2.18 0.00	46.33 1.73 0.00	39.11 1.59 0.00	33.66 0.98 0.00
ARTHUR_KILL_2 23512	29.92 1.04 0.00	24.23 0.80 0.00	19.06 0.58 0.00	25.37 0.73 0.00	24.39 0.71 0.00	25.80 0.70 0.00	38.05 0.99 0.00	42.06 0.61 0.00	28.75 0.84 0.00	28.93 1.12 0.00	29.74 1.26 0.00	26.51 1.13 0.00	23.48 1.05 -0.49	23.39 1.18 0.00	23.57 1.19 0.00	23.78 1.23 0.00	27.79 1.34 0.00	41.34 1.47 0.00	54.97 1.12 0.00	62.26 1.39 0.00	76.58 2.00 0.00	46.21 1.61 0.00	39.01 1.49 0.00	33.58 0.90 0.00
ARTHUR_KILL_3 23513	29.78 0.91 0.00	24.11 0.69 0.00	18.98 0.50 0.00	25.18 0.53 0.00	24.16 0.48 0.00	25.56 0.46 0.00	37.73 0.68 0.00	42.19 0.74 0.00	28.69 0.78 0.00	28.92 1.11 0.00	29.74 1.25 0.00	26.52 1.13 0.00	23.47 1.04 -0.49	23.38 1.18 0.00	23.56 1.18 0.00	23.77 1.22 0.00	27.78 1.33 0.00	41.40 1.52 0.00	55.27 1.42 0.00	62.42 1.55 0.00	76.40 1.81 0.00	44.33 1.15 1.42	35.92 1.14 2.73	30.61 0.71 2.79

ARTHUR_KILL_COGEN 323718	29.98 1.10 0.00	24.27 0.85 0.00	19.10 0.62 0.00	25.42 0.78 0.00	24.43 0.75 0.00	25.86 0.75 0.00	38.13 1.07 0.00	42.15 0.70 0.00	28.81 0.91 0.00	28.98 1.17 0.00	29.80 1.31 0.00	26.55 1.17 0.00	23.51 1.08 -0.49	23.42 1.22 0.00	23.61 1.23 0.00	23.81 1.27 0.00	27.84 1.39 0.00	41.42 1.55 0.00	55.12 1.27 0.00	62.41 1.54 0.00	76.77 2.18 0.00	46.33 1.73 0.00	39.11 1.59 0.00	33.66 0.98 0.00
ASHOKAN____ 23654	29.36 0.49 0.00	23.84 0.41 0.00	18.78 0.31 0.00	25.02 0.38 0.00	24.05 0.37 0.00	25.48 0.38 0.00	37.73 0.67 0.00	42.37 0.92 0.00	28.63 0.72 0.00	28.42 0.61 0.00	29.02 0.54 0.00	25.81 0.42 0.00	22.30 0.36 0.00	22.58 0.37 0.00	22.80 0.41 0.00	23.01 0.47 0.00	27.14 0.69 0.00	41.06 1.18 0.00	55.41 1.56 0.00	62.80 1.93 0.00	77.04 2.45 0.00	46.06 1.46 0.00	38.66 1.15 0.00	33.47 0.79 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.44 0.76 0.00	25.82 0.72 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.03 1.13 0.00	29.23 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.37 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.54 1.68 0.00	76.53 1.95 0.00	45.93 1.33 0.00	38.74 1.23 0.00	32.67 0.74 0.75
ASTORIA_EAST_ENERGY_CC2 323582	29.92 1.05 0.00	24.34 0.91 0.00	19.15 0.67 0.00	25.43 0.79 0.00	24.42 0.74 0.00	25.81 0.71 0.00	38.16 1.10 0.00	42.66 1.21 0.00	29.02 1.11 0.00	29.21 1.40 0.00	30.04 1.56 0.00	26.66 1.27 0.00	23.64 1.21 -0.49	23.54 1.33 0.00	23.74 1.36 0.00	23.93 1.38 0.00	27.94 1.49 0.00	41.63 1.75 0.00	55.44 1.59 0.00	62.51 1.64 0.00	76.48 1.89 0.00	45.90 1.30 0.00	38.71 1.19 0.00	32.66 0.72 0.75
ASTORIA_GT2_1 24094	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT2_2 24095	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT2_3 24096	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT2_4 24097	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT3_1 24098	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT3_2 24099	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT3_3 24100	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT3_4 24101	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT4_1 24102	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT4_2 24103	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT4_3 24104	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75

ASTORIA_GT4_4 24105	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.43 0.75 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.04 1.13 0.00	29.22 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.36 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.55 1.68 0.00	76.54 1.95 0.00	45.93 1.33 0.00	38.74 1.22 0.00	32.67 0.74 0.75
ASTORIA_GT_1 23523	29.99 1.11 0.00	24.39 0.96 0.00	19.19 0.71 0.00	25.48 0.84 0.00	24.47 0.79 0.00	25.87 0.77 0.00	38.24 1.18 0.00	42.75 1.31 0.00	29.09 1.18 0.00	29.28 1.47 0.00	30.11 1.62 0.00	26.72 1.33 0.00	23.69 1.26 -0.49	23.60 1.39 0.00	23.79 1.41 0.00	23.99 1.44 0.00	28.01 1.56 0.00	41.73 1.86 0.00	55.59 1.74 0.00	62.65 1.78 0.00	76.69 2.10 0.00	46.02 1.42 0.00	38.81 1.29 0.00	32.74 0.81 0.75
ASTORIA_GT_10 24110	29.99 1.11 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.78 0.68 0.00	38.03 0.97 0.00	42.44 0.99 0.00	28.90 0.99 0.00	29.16 1.35 0.00	30.00 1.52 0.00	26.74 1.35 0.00	23.66 1.22 -0.49	23.55 1.34 0.00	23.73 1.35 0.00	23.94 1.39 0.00	27.98 1.53 0.00	41.60 1.72 0.00	55.40 1.56 0.00	62.65 1.78 0.00	76.74 2.15 0.00	46.06 1.45 0.00	38.90 1.38 0.00	33.61 0.92 0.00
ASTORIA_GT_11 24225	29.99 1.11 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.78 0.68 0.00	38.03 0.97 0.00	42.44 0.99 0.00	28.90 0.99 0.00	29.16 1.35 0.00	30.00 1.52 0.00	26.74 1.35 0.00	23.66 1.22 -0.49	23.55 1.34 0.00	23.73 1.35 0.00	23.94 1.39 0.00	27.98 1.53 0.00	41.60 1.72 0.00	55.40 1.56 0.00	62.65 1.78 0.00	76.74 2.15 0.00	46.06 1.45 0.00	38.90 1.38 0.00	33.61 0.92 0.00
ASTORIA_GT_12 24226	29.99 1.11 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.78 0.68 0.00	38.03 0.97 0.00	42.44 0.99 0.00	28.90 0.99 0.00	29.16 1.35 0.00	30.00 1.52 0.00	26.74 1.35 0.00	23.66 1.22 -0.49	23.55 1.34 0.00	23.73 1.35 0.00	23.94 1.39 0.00	27.98 1.53 0.00	41.60 1.72 0.00	55.40 1.56 0.00	62.65 1.78 0.00	76.74 2.15 0.00	46.06 1.45 0.00	38.90 1.38 0.00	33.61 0.92 0.00
ASTORIA_GT_13 24227	29.99 1.11 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.78 0.68 0.00	38.03 0.97 0.00	42.44 0.99 0.00	28.90 0.99 0.00	29.16 1.35 0.00	30.00 1.52 0.00	26.74 1.35 0.00	23.66 1.22 -0.49	23.55 1.34 0.00	23.73 1.35 0.00	23.94 1.39 0.00	27.98 1.53 0.00	41.60 1.72 0.00	55.40 1.56 0.00	62.65 1.78 0.00	76.74 2.15 0.00	46.06 1.45 0.00	38.90 1.38 0.00	33.61 0.92 0.00
ASTORIA_GT_5 24106	29.99 1.11 0.00	24.39 0.96 0.00	19.19 0.71 0.00	25.48 0.84 0.00	24.47 0.79 0.00	25.87 0.77 0.00	38.24 1.18 0.00	42.75 1.31 0.00	29.09 1.18 0.00	29.28 1.47 0.00	30.11 1.62 0.00	26.72 1.33 0.00	23.69 1.26 -0.49	23.60 1.39 0.00	23.79 1.41 0.00	23.99 1.44 0.00	28.01 1.56 0.00	41.73 1.86 0.00	55.59 1.74 0.00	62.65 1.78 0.00	76.69 2.10 0.00	46.02 1.42 0.00	38.81 1.29 0.00	32.74 0.81 0.75
ASTORIA_GT_7 24107	29.99 1.11 0.00	24.39 0.96 0.00	19.19 0.71 0.00	25.48 0.84 0.00	24.47 0.79 0.00	25.87 0.77 0.00	38.24 1.18 0.00	42.75 1.31 0.00	29.09 1.18 0.00	29.28 1.47 0.00	30.11 1.62 0.00	26.72 1.33 0.00	23.69 1.26 -0.49	23.60 1.39 0.00	23.79 1.41 0.00	23.99 1.44 0.00	28.01 1.56 0.00	41.73 1.86 0.00	55.59 1.74 0.00	62.65 1.78 0.00	76.69 2.10 0.00	46.02 1.42 0.00	38.81 1.29 0.00	32.74 0.81 0.75
ASTORIA_GT_8 24108	29.99 1.11 0.00	24.39 0.96 0.00	19.19 0.71 0.00	25.48 0.84 0.00	24.47 0.79 0.00	25.87 0.77 0.00	38.24 1.18 0.00	42.75 1.31 0.00	29.09 1.18 0.00	29.28 1.47 0.00	30.11 1.62 0.00	26.72 1.33 0.00	23.69 1.26 -0.49	23.60 1.39 0.00	23.79 1.41 0.00	23.99 1.44 0.00	28.01 1.56 0.00	41.73 1.86 0.00	55.59 1.74 0.00	62.65 1.78 0.00	76.69 2.10 0.00	46.02 1.42 0.00	38.81 1.29 0.00	32.74 0.81 0.75
ASTORIA___2 24149	29.94 1.06 0.00	24.35 0.93 0.00	19.16 0.68 0.00	25.45 0.81 0.00	24.44 0.76 0.00	25.82 0.72 0.00	38.17 1.11 0.00	42.68 1.23 0.00	29.03 1.13 0.00	29.23 1.41 0.00	30.05 1.56 0.00	26.67 1.29 0.00	23.65 1.22 -0.49	23.56 1.35 0.00	23.75 1.37 0.00	23.94 1.39 0.00	27.96 1.51 0.00	41.65 1.78 0.00	55.48 1.63 0.00	62.54 1.68 0.00	76.53 1.95 0.00	45.93 1.33 0.00	38.74 1.23 0.00	32.67 0.74 0.75
ASTORIA___3 23516	29.99 1.11 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.78 0.68 0.00	38.03 0.97 0.00	42.45 1.00 0.00	28.89 0.99 0.00	29.16 1.35 0.00	30.00 1.51 0.00	26.74 1.35 0.00	23.66 1.22 -0.49	23.55 1.34 0.00	23.73 1.35 0.00	23.94 1.40 0.00	27.98 1.53 0.00	41.60 1.72 0.00	55.40 1.56 0.00	62.65 1.78 0.00	76.70 2.12 0.00	46.05 1.45 0.00	38.90 1.38 0.00	33.60 0.92 0.00
ASTORIA___4 23517	29.99 1.11 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.78 0.68 0.00	38.03 0.97 0.00	42.44 0.99 0.00	28.90 0.99 0.00	29.16 1.35 0.00	30.00 1.51 0.00	26.74 1.35 0.00	23.66 1.22 -0.49	23.55 1.34 0.00	23.73 1.35 0.00	23.94 1.39 0.00	27.98 1.53 0.00	41.60 1.72 0.00	55.40 1.56 0.00	62.65 1.78 0.00	76.74 2.15 0.00	46.06 1.45 0.00	38.90 1.38 0.00	33.61 0.92 0.00
ASTORIA___5 23518	29.99 1.11 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.78 0.68 0.00	38.03 0.97 0.00	42.45 1.00 0.00	28.89 0.99 0.00	29.16 1.35 0.00	30.00 1.51 0.00	26.74 1.35 0.00	23.66 1.22 -0.49	23.55 1.34 0.00	23.73 1.35 0.00	23.94 1.40 0.00	27.98 1.53 0.00	41.60 1.72 0.00	55.40 1.56 0.00	62.65 1.78 0.00	76.70 2.12 0.00	46.05 1.45 0.00	38.90 1.38 0.00	33.60 0.92 0.00
AST_ENERGY_2_CC3 323677	29.63 0.75 0.00	24.18 0.75 0.00	19.02 0.55 0.00	25.25 0.61 0.00	24.25 0.57 0.00	25.60 0.49 0.00	37.78 0.73 0.00	42.24 0.79 0.00	28.77 0.86 0.00	28.95 1.14 0.00	29.75 1.27 0.00	26.45 1.07 0.00	23.49 1.06 -0.49	23.40 1.19 0.00	23.59 1.20 0.00	23.77 1.22 0.00	27.68 1.23 0.00	41.24 1.36 0.00	54.91 1.06 0.00	61.90 1.04 0.00	75.74 1.16 0.00	45.47 0.87 0.00	38.35 0.83 0.00	32.34 0.40 0.75
AST_ENERGY_2_CC4 323678	29.63 0.75 0.00	24.18 0.75 0.00	19.02 0.55 0.00	25.25 0.61 0.00	24.25 0.57 0.00	25.60 0.49 0.00	37.78 0.73 0.00	42.24 0.79 0.00	28.77 0.86 0.00	28.95 1.14 0.00	29.75 1.27 0.00	26.45 1.07 0.00	23.49 1.06 -0.49	23.40 1.19 0.00	23.59 1.20 0.00	23.77 1.22 0.00	27.68 1.23 0.00	41.24 1.36 0.00	54.91 1.06 0.00	61.90 1.04 0.00	75.74 1.16 0.00	45.47 0.87 0.00	38.35 0.83 0.00	32.34 0.40 0.75

ATHENS_STG_1 23668	29.26 0.38 0.00	23.78 0.35 0.00	18.74 0.26 0.00	24.97 0.33 0.00	23.95 0.28 0.00	25.31 0.21 0.00	37.37 0.31 0.00	41.82 0.37 0.00	28.30 0.39 0.00	28.39 0.58 0.00	29.15 0.66 0.00	25.98 0.60 0.00	22.64 0.51 -0.19	22.79 0.58 0.00	22.98 0.60 0.00	23.17 0.62 0.00	27.16 0.71 0.00	40.70 0.82 0.00	54.45 0.60 0.00	61.61 0.74 0.00	75.61 1.02 0.00	45.24 0.64 0.00	38.09 0.57 0.00	33.01 0.33 0.00
ATHENS_STG_2 23670	29.26 0.38 0.00	23.78 0.35 0.00	18.74 0.26 0.00	24.97 0.33 0.00	23.95 0.28 0.00	25.31 0.21 0.00	37.37 0.31 0.00	41.82 0.37 0.00	28.30 0.39 0.00	28.39 0.58 0.00	29.15 0.66 0.00	25.98 0.60 0.00	22.64 0.51 -0.19	22.79 0.58 0.00	22.98 0.60 0.00	23.17 0.62 0.00	27.16 0.71 0.00	40.70 0.82 0.00	54.45 0.60 0.00	61.61 0.74 0.00	75.61 1.02 0.00	45.24 0.64 0.00	38.09 0.57 0.00	33.01 0.33 0.00
ATHENS_STG_3 23677	29.26 0.38 0.00	23.78 0.35 0.00	18.74 0.26 0.00	24.97 0.33 0.00	23.95 0.28 0.00	25.31 0.21 0.00	37.37 0.31 0.00	41.82 0.37 0.00	28.30 0.39 0.00	28.39 0.58 0.00	29.15 0.66 0.00	25.98 0.60 0.00	22.64 0.51 -0.19	22.79 0.58 0.00	22.98 0.60 0.00	23.17 0.62 0.00	27.16 0.71 0.00	40.70 0.82 0.00	54.45 0.60 0.00	61.61 0.74 0.00	75.61 1.02 0.00	45.24 0.64 0.00	38.09 0.57 0.00	33.01 0.33 0.00
AUBURN___LFGE 323710	29.07 0.19 0.00	23.55 0.12 0.00	18.61 0.13 0.00	24.81 0.17 0.00	23.76 0.09 0.00	25.18 0.08 0.00	37.13 0.07 0.00	41.54 0.09 0.00	27.95 0.04 0.00	27.77 -0.04 0.00	28.41 -0.07 0.00	25.26 -0.12 0.00	21.85 -0.03 0.06	22.11 -0.09 0.00	22.27 -0.11 0.00	22.42 -0.13 0.00	26.21 -0.24 0.00	39.79 -0.08 0.00	54.16 0.31 0.00	61.09 0.22 0.00	74.81 0.22 0.00	44.47 -0.13 0.00	37.51 -0.01 0.00	32.73 0.05 0.00
BABYLON_RES_REC 323704	29.74 0.97 0.11	24.07 0.65 0.00	18.89 0.43 0.02	23.17 0.41 1.88	23.58 0.35 0.45	21.73 0.16 3.53	23.16 0.20 14.10	29.08 0.30 12.66	21.40 0.47 6.98	22.68 0.78 5.91	25.68 1.20 4.00	4.72 1.04 21.70	22.10 0.94 0.79	23.39 1.19 0.00	28.45 1.26 -4.82	28.56 1.21 -4.81	32.20 1.33 -4.42	41.06 1.18 0.00	54.66 0.82 0.00	61.83 0.96 0.00	75.69 1.10 0.00	47.51 1.37 -1.54	39.58 1.26 -0.81	34.07 0.94 -0.45
BALL_HILL_WT_PWR 323825	29.27 0.39 0.00	23.67 0.24 0.00	18.68 0.21 0.00	25.00 0.36 0.00	24.05 0.37 0.00	25.48 0.38 0.00	36.66 -0.40 0.00	40.76 -0.69 0.00	27.74 -0.17 0.00	28.13 0.32 0.00	29.14 0.65 0.00	25.88 0.49 0.00	22.53 0.66 0.08	22.61 0.40 0.00	22.70 0.32 0.00	22.68 0.13 0.00	25.96 -0.49 0.00	38.36 -1.51 0.00	52.50 -1.34 0.00	58.22 -2.64 0.00	71.00 -3.59 0.00	42.54 -2.07 0.00	36.05 -1.47 0.00	32.12 -0.56 0.00
BARON_WINDS___WT_PWR 323822	28.95 0.08 0.00	23.43 0.00 0.00	18.47 0.00 0.00	24.73 0.08 0.00	23.77 0.09 0.00	25.19 0.09 0.00	36.70 -0.36 0.00	40.97 -0.48 0.00	27.67 -0.24 0.00	27.50 -0.31 0.00	28.28 -0.20 0.00	25.13 -0.26 0.00	21.87 0.03 0.10	22.05 -0.16 0.00	22.15 -0.23 0.00	22.22 -0.33 0.00	25.82 -0.63 0.00	38.75 -1.13 0.00	53.13 -0.71 0.00	59.22 -1.65 0.00	72.22 -2.37 0.00	43.08 -1.52 0.00	36.36 -1.16 0.00	31.95 -0.73 0.00
BARRETT_IC_1 23704	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT_IC_10 23701	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT_IC_11 23702	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT_IC_12 23703	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT_IC_2 23705	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT_IC_3 23706	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT_IC_4 23707	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT_IC_5 23708	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87

BARRETT_IC_6 23709	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT_IC_7 23710	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.06 0.38 0.00	25.67 0.20 -0.36	38.63 0.11 -1.46	42.90 0.14 -1.31	29.09 0.46 -0.72	29.29 0.86 -0.61	29.67 1.19 0.00	26.42 1.04 0.00	23.46 0.97 -0.54	23.49 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.28 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.21 1.32 -92.29	88.48 1.15 -49.81	132.43 0.88 -98.87
BARRETT_IC_8 23711	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT_IC_9 23700	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT___1 23545	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BARRETT___2 23546	29.77 0.90 0.00	24.04 0.61 0.00	18.90 0.42 0.00	25.05 0.41 0.00	24.05 0.37 0.00	25.66 0.20 -0.36	38.62 0.10 -1.46	42.89 0.13 -1.31	29.08 0.45 -0.72	29.28 0.85 -0.61	29.67 1.19 0.00	26.43 1.04 0.00	23.46 0.97 -0.54	23.48 1.20 -0.08	68.93 1.25 -45.30	73.15 1.18 -49.43	69.25 1.27 -41.52	40.96 1.08 0.00	54.56 0.72 0.00	61.69 0.83 0.00	78.70 0.84 -3.27	138.20 1.31 -92.29	88.47 1.14 -49.81	132.43 0.88 -98.87
BATAVIA___115KV_TB1 55881	30.06 1.19 0.00	24.33 0.90 0.00	19.21 0.73 0.00	25.68 1.04 0.00	24.72 1.04 0.00	26.23 1.13 0.00	37.92 0.87 0.00	42.12 0.67 0.00	28.46 0.55 0.00	28.50 0.69 0.00	29.37 0.88 0.00	26.24 0.85 0.00	22.71 0.84 0.07	22.78 0.58 0.00	22.82 0.44 0.00	22.73 0.18 0.00	25.93 -0.53 0.00	38.34 -1.54 0.00	53.51 -0.34 0.00	59.81 -1.06 0.00	72.95 -1.64 0.00	43.68 -0.92 0.00	37.03 -0.49 0.00	33.12 0.44 0.00
BAYONEEC___CTG1 323682	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00
BAYONEEC___CTG10 323750	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00
BAYONEEC___CTG2 323683	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00
BAYONEEC___CTG3 323684	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00
BAYONEEC___CTG4 323685	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00
BAYONEEC___CTG5 323686	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00
BAYONEEC___CTG6 323687	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00
BAYONEEC___CTG7 323688	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00

BAYONEEC___CTG8 323689	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00
BAYONEEC___CTG9 323749	29.91 1.03 0.00	24.22 0.79 0.00	19.06 0.58 0.00	25.29 0.65 0.00	24.29 0.61 0.00	25.69 0.59 0.00	37.94 0.88 0.00	42.39 0.94 0.00	28.80 0.90 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.64 1.25 0.00	23.56 1.12 -0.49	23.46 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.44 1.59 0.00	62.60 1.74 0.00	76.68 2.09 0.00	45.98 1.38 0.00	38.84 1.32 0.00	33.55 0.87 0.00
BEACON___LESR 323632	29.05 0.17 0.00	23.55 0.13 0.00	18.58 0.10 0.00	24.78 0.14 0.00	23.84 0.16 0.00	25.23 0.13 0.00	37.32 0.26 0.00	41.84 0.39 0.00	28.13 0.22 0.00	28.03 0.21 0.00	28.61 0.13 0.00	25.58 0.19 0.00	22.18 0.12 -0.11	22.38 0.17 0.00	22.58 0.20 0.00	22.81 0.26 0.00	26.93 0.48 0.00	40.61 0.73 0.00	54.38 0.54 0.00	61.59 0.72 0.00	75.64 1.05 0.00	45.15 0.55 0.00	37.99 0.48 0.00	32.95 0.27 0.00
BEAVER RIVER___HYD 24048	29.32 0.45 0.00	23.80 0.37 0.00	18.82 0.34 0.00	25.11 0.46 0.00	24.30 0.62 0.00	25.93 0.83 0.00	38.56 1.51 0.00	43.32 1.88 0.00	28.72 0.82 0.00	27.96 0.15 0.00	28.37 -0.12 0.00	25.24 -0.14 0.00	21.84 -0.10 0.00	22.12 -0.09 0.00	22.27 -0.11 0.00	22.44 -0.11 0.00	26.44 -0.01 0.00	40.75 0.87 0.00	56.18 2.33 0.00	63.78 2.91 0.00	77.96 3.38 0.00	46.67 2.07 0.00	39.17 1.65 0.00	34.12 1.44 0.00
BEEBEE_GT_13 23619	29.39 0.51 0.00	23.79 0.36 0.00	18.78 0.31 0.00	25.08 0.43 0.00	24.13 0.45 0.00	25.61 0.51 0.00	37.29 0.23 0.00	41.53 0.08 0.00	28.04 0.14 0.00	28.15 0.34 0.00	29.06 0.57 0.00	25.86 0.48 0.00	22.41 0.53 0.06	22.54 0.34 0.00	22.65 0.27 0.00	22.66 0.12 0.00	26.22 -0.23 0.00	39.22 -0.66 0.00	53.55 -0.29 0.00	59.95 -0.91 0.00	73.21 -1.38 0.00	43.76 -0.84 0.00	36.93 -0.59 0.00	32.71 0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.10 1.22 0.00	24.37 0.95 0.00	19.17 0.69 0.00	25.46 0.82 0.00	24.45 0.78 0.00	25.88 0.77 0.00	38.19 1.14 0.00	42.55 1.11 0.00	29.02 1.11 0.00	29.24 1.42 0.00	30.08 1.59 0.00	26.81 1.43 0.00	23.73 1.30 -0.49	23.64 1.43 0.00	23.82 1.44 0.00	24.03 1.49 0.00	28.08 1.63 0.00	41.79 1.91 0.00	55.69 1.85 0.00	63.04 2.17 0.00	77.22 2.63 0.00	46.27 1.67 0.00	39.07 1.55 0.00	33.67 0.99 0.00
BETHLEHEM___GRP 23843	28.58 -0.30 0.00	23.27 -0.16 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.51 -0.17 0.00	24.85 -0.25 0.00	36.71 -0.35 0.00	41.14 -0.31 0.00	27.74 -0.16 0.00	27.66 -0.15 0.00	28.33 -0.16 0.00	25.29 -0.09 0.00	21.94 -0.11 -0.11	22.15 -0.06 0.00	22.35 -0.03 0.00	22.52 -0.02 0.00	26.50 0.05 0.00	39.85 -0.03 0.00	53.41 -0.44 0.00	60.47 -0.40 0.00	74.28 -0.30 0.00	44.38 -0.22 0.00	37.39 -0.13 0.00	32.46 -0.22 0.00
BETHLEHEM___GS1 323560	28.58 -0.29 0.00	23.27 -0.16 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.51 -0.17 0.00	24.85 -0.25 0.00	36.70 -0.36 0.00	41.14 -0.31 0.00	27.74 -0.16 0.00	27.66 -0.15 0.00	28.33 -0.16 0.00	25.29 -0.09 0.00	21.94 -0.11 -0.11	22.15 -0.06 0.00	22.35 -0.03 0.00	22.52 -0.02 0.00	26.50 0.05 0.00	39.85 -0.03 0.00	53.40 -0.45 0.00	60.47 -0.39 0.00	74.26 -0.33 0.00	44.38 -0.22 0.00	37.39 -0.13 0.00	32.46 -0.22 0.00
BETHLEHEM___GS2 323561	28.58 -0.29 0.00	23.27 -0.16 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.51 -0.17 0.00	24.85 -0.25 0.00	36.70 -0.36 0.00	41.14 -0.31 0.00	27.74 -0.16 0.00	27.66 -0.15 0.00	28.33 -0.16 0.00	25.29 -0.09 0.00	21.94 -0.11 -0.11	22.15 -0.06 0.00	22.35 -0.03 0.00	22.52 -0.02 0.00	26.50 0.05 0.00	39.85 -0.03 0.00	53.40 -0.45 0.00	60.47 -0.39 0.00	74.26 -0.33 0.00	44.38 -0.22 0.00	37.39 -0.13 0.00	32.46 -0.22 0.00
BETHLEHEM___GS3 323562	28.58 -0.29 0.00	23.27 -0.16 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.51 -0.17 0.00	24.85 -0.25 0.00	36.70 -0.36 0.00	41.14 -0.31 0.00	27.74 -0.16 0.00	27.66 -0.15 0.00	28.33 -0.16 0.00	25.29 -0.09 0.00	21.94 -0.11 -0.11	22.15 -0.06 0.00	22.35 -0.03 0.00	22.52 -0.02 0.00	26.50 0.05 0.00	39.85 -0.03 0.00	53.40 -0.45 0.00	60.47 -0.39 0.00	74.26 -0.33 0.00	44.38 -0.22 0.00	37.39 -0.13 0.00	32.46 -0.22 0.00
BETHLEHEM___STEEL 23779	29.47 0.60 0.00	23.86 0.44 0.00	18.84 0.36 0.00	25.21 0.57 0.00	24.25 0.57 0.00	25.67 0.57 0.00	36.91 -0.15 0.00	40.91 -0.53 0.00	27.78 -0.12 0.00	28.18 0.37 0.00	29.19 0.71 0.00	25.94 0.55 0.00	22.57 0.71 0.08	22.64 0.43 0.00	22.74 0.36 0.00	22.72 0.17 0.00	25.96 -0.49 0.00	38.35 -1.52 0.00	52.42 -1.43 0.00	58.24 -2.63 0.00	71.04 -3.55 0.00	42.59 -2.02 0.00	36.14 -1.38 0.00	32.38 -0.30 0.00
BETHLHEM_115KV_TB1 79974	28.67 -0.20 0.00	23.33 -0.10 0.00	18.40 -0.08 0.00	24.52 -0.12 0.00	23.57 -0.11 0.00	24.92 -0.18 0.00	36.81 -0.25 0.00	41.24 -0.21 0.00	27.82 -0.09 0.00	27.74 -0.07 0.00	28.41 -0.07 0.00	25.35 -0.03 0.00	22.00 -0.05 -0.11	22.21 0.00 0.00	22.40 0.02 0.00	22.58 0.03 0.00	26.56 0.11 0.00	39.95 0.07 0.00	53.55 -0.29 0.00	60.65 -0.22 0.00	74.45 -0.14 0.00	44.51 -0.09 0.00	37.49 -0.04 0.00	32.55 -0.13 0.00
BETHPAGE_CC_5 323564	29.70 0.88 0.06	24.01 0.59 0.00	18.85 0.38 0.01	24.02 0.35 0.97	23.75 0.31 0.23	21.99 0.09 3.20	24.34 0.05 12.77	30.07 0.09 11.47	21.95 0.36 6.32	23.17 0.71 5.35	27.51 1.08 2.05	15.24 0.99 11.14	22.69 0.91 0.16	23.36 1.15 0.00	30.60 1.22 -6.99	30.88 1.16 -7.17	34.09 1.23 -6.41	40.87 1.00 0.00	54.40 0.56 0.00	61.55 0.69 0.00	75.48 0.74 -0.15	51.55 1.13 -5.82	41.67 1.03 -3.12	38.43 0.73 -5.02
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.52 0.64 0.00	23.89 0.46 0.00	18.86 0.38 0.00	25.23 0.59 0.00	24.26 0.58 0.00	25.69 0.59 0.00	36.96 -0.09 0.00	41.00 -0.44 0.00	27.85 -0.06 0.00	28.24 0.43 0.00	29.25 0.76 0.00	25.99 0.60 0.00	22.61 0.75 0.08	22.67 0.47 0.00	22.78 0.40 0.00	22.77 0.22 0.00	26.02 -0.43 0.00	38.46 -1.42 0.00	52.57 -1.28 0.00	58.40 -2.47 0.00	71.25 -3.34 0.00	42.69 -1.92 0.00	36.21 -1.31 0.00	32.42 -0.26 0.00
BINGHAMTON___COGEN 23790	28.98 0.10 0.00	23.46 0.03 0.00	18.51 0.03 0.00	24.71 0.07 0.00	23.70 0.02 0.00	25.10 0.00 0.00	36.94 -0.12 0.00	41.44 -0.01 0.00	27.98 0.07 0.00	27.89 0.07 0.00	28.61 0.13 0.00	25.46 0.08 0.00	21.94 0.14 0.14	22.29 0.08 0.00	22.43 0.05 0.00	22.56 0.02 0.00	26.44 -0.01 0.00	39.72 -0.16 0.00	53.80 -0.04 0.00	60.56 -0.30 0.00	74.23 -0.36 0.00	44.30 -0.30 0.00	37.32 -0.20 0.00	32.50 -0.18 0.00

BIXINCNT_115KV_LOAD 355685	29.62 0.74 0.00	23.99 0.57 0.00	18.93 0.45 0.00	25.27 0.63 0.00	24.21 0.53 0.00	25.62 0.52 0.00	37.04 -0.02 0.00	41.26 -0.19 0.00	28.13 0.22 0.00	28.53 0.72 0.00	29.45 0.97 0.00	26.19 0.80 0.00	22.76 0.90 0.08	22.88 0.67 0.00	22.99 0.61 0.00	22.96 0.41 0.00	26.29 -0.16 0.00	38.89 -0.98 0.00	53.23 -0.61 0.00	58.90 -1.97 0.00	71.80 -2.79 0.00	43.04 -1.56 0.00	36.40 -1.12 0.00	32.38 -0.30 0.00
BLACK RIVER___HYD 24047	29.46 0.59 0.00	23.90 0.48 0.00	18.92 0.44 0.00	25.22 0.58 0.00	24.42 0.74 0.00	26.11 1.01 0.00	38.90 1.84 0.00	43.76 2.31 0.00	28.87 0.97 0.00	27.92 0.11 0.00	28.18 -0.30 0.00	25.05 -0.33 0.00	21.72 -0.22 0.00	21.98 -0.23 0.00	22.12 -0.26 0.00	22.30 -0.25 0.00	26.30 -0.15 0.00	40.82 0.95 0.00	56.78 2.93 0.00	64.59 3.72 0.00	78.79 4.20 0.00	47.05 2.45 0.00	39.43 1.91 0.00	34.34 1.66 0.00
BLACKRVR_115KV_TB2 79977	29.47 0.59 0.00	23.90 0.48 0.00	18.92 0.44 0.00	25.22 0.58 0.00	24.42 0.74 0.00	26.11 1.01 0.00	38.90 1.85 0.00	43.76 2.31 0.00	28.87 0.97 0.00	27.92 0.10 0.00	28.18 -0.31 0.00	25.05 -0.33 0.00	21.72 -0.22 0.00	21.98 -0.23 0.00	22.12 -0.26 0.00	22.30 -0.25 0.00	26.30 -0.15 0.00	40.82 0.95 0.00	56.78 2.93 0.00	64.59 3.72 0.00	78.79 4.20 0.00	47.05 2.45 0.00	39.43 1.91 0.00	34.34 1.66 0.00
BLDWN_LI_69_KV_BK4 356085	29.94 1.07 0.00	24.18 0.75 0.00	18.99 0.52 0.00	25.17 0.53 0.00	24.18 0.50 0.00	23.67 0.34 1.77	30.40 0.44 7.09	35.57 0.49 6.37	25.05 0.65 3.51	25.82 0.98 2.97	29.79 1.30 0.00	26.54 1.15 0.00	23.49 1.04 -0.50	23.50 1.27 -0.02	41.50 1.33 -17.78	42.83 1.28 -19.00	44.17 1.42 -16.30	41.24 1.36 0.00	54.89 1.04 0.00	62.14 1.27 0.00	77.09 1.53 -0.96	74.89 1.58 -28.71	54.36 1.36 -15.48	63.39 1.03 -29.67
BLISS_WT_PWR 323608	29.61 0.73 0.00	23.99 0.56 0.00	18.92 0.45 0.00	25.25 0.61 0.00	24.18 0.50 0.00	25.59 0.49 0.00	37.01 -0.05 0.00	41.24 -0.21 0.00	28.12 0.21 0.00	28.54 0.73 0.00	29.46 0.97 0.00	26.20 0.82 0.00	22.77 0.91 0.08	22.89 0.68 0.00	23.01 0.63 0.00	22.98 0.43 0.00	26.32 -0.13 0.00	38.93 -0.94 0.00	53.28 -0.57 0.00	58.86 -2.00 0.00	71.63 -2.96 0.00	43.01 -1.59 0.00	36.36 -1.16 0.00	32.32 -0.36 0.00
BLUESTONE___WT_PWR 323821	30.90 2.02 0.00	24.57 1.14 0.00	19.66 1.18 0.00	25.64 1.00 0.00	24.25 0.57 0.00	25.56 0.46 0.00	38.49 1.43 0.00	44.58 3.13 0.00	29.43 1.52 0.00	28.43 0.62 0.00	28.15 -0.33 0.00	25.34 -0.04 0.00	21.92 0.37 0.40	22.73 0.52 0.00	22.95 0.56 0.00	23.14 0.59 0.00	27.81 1.36 0.00	42.70 2.82 0.00	59.00 5.15 0.00	66.52 5.65 0.00	81.42 6.83 0.00	48.46 3.86 0.00	40.67 3.15 0.00	35.23 2.54 0.00
BLUE_CIRC_CHEM_DRP 24182	29.00 0.13 0.00	23.60 0.17 0.00	18.63 0.15 0.00	24.85 0.21 0.00	23.87 0.19 0.00	25.25 0.15 0.00	37.29 0.23 0.00	41.71 0.27 0.00	28.02 0.11 0.00	27.83 0.01 0.00	28.57 0.08 0.00	25.49 0.11 0.00	22.07 0.03 -0.10	22.28 0.07 0.00	22.47 0.09 0.00	22.65 0.10 0.00	26.68 0.24 0.00	40.30 0.42 0.00	54.16 0.31 0.00	61.34 0.48 0.00	75.31 0.73 0.00	45.04 0.44 0.00	37.91 0.39 0.00	32.96 0.27 0.00
BOC_GAS_DRP 24189	28.91 0.04 0.00	23.51 0.09 0.00	18.55 0.07 0.00	24.72 0.08 0.00	23.74 0.07 0.00	25.11 0.00 0.00	37.08 0.03 0.00	41.51 0.06 0.00	28.00 0.10 0.00	27.96 0.15 0.00	28.66 0.18 0.00	25.56 0.18 0.00	22.19 0.14 -0.11	22.39 0.18 0.00	22.58 0.20 0.00	22.75 0.21 0.00	26.73 0.28 0.00	40.18 0.31 0.00	53.92 0.07 0.00	61.04 0.17 0.00	74.93 0.35 0.00	44.81 0.21 0.00	37.73 0.21 0.00	32.76 0.08 0.00
BOONVILLE_115KV_TB1 79983	29.35 0.48 0.00	23.82 0.39 0.00	18.82 0.34 0.00	25.10 0.46 0.00	24.21 0.53 0.00	25.76 0.66 0.00	38.21 1.16 0.00	42.85 1.40 0.00	28.62 0.71 0.00	28.11 0.30 0.00	28.66 0.18 0.00	25.48 0.09 0.00	22.04 0.10 0.00	22.33 0.12 0.00	22.51 0.13 0.00	22.70 0.15 0.00	26.75 0.30 0.00	40.84 0.96 0.00	55.73 1.89 0.00	63.08 2.22 0.00	77.22 2.63 0.00	46.15 1.55 0.00	38.77 1.25 0.00	33.68 1.00 0.00
BORALEX_4TH_BRANCH 23824	29.03 0.15 0.00	23.59 0.17 0.00	18.63 0.15 0.00	24.86 0.21 0.00	23.92 0.25 0.00	25.31 0.20 0.00	37.56 0.50 0.00	42.02 0.58 0.00	28.31 0.40 0.00	28.08 0.26 0.00	28.67 0.18 0.00	25.58 0.19 0.00	22.15 0.08 -0.13	22.36 0.15 0.00	22.56 0.18 0.00	22.79 0.24 0.00	26.97 0.52 0.00	40.87 1.00 0.00	54.81 0.96 0.00	62.17 1.30 0.00	76.43 1.84 0.00	45.59 0.99 0.00	38.34 0.82 0.00	33.27 0.59 0.00
BOWLINE___1 23526	29.68 0.80 0.00	24.03 0.61 0.00	18.92 0.43 0.00	25.14 0.49 0.00	24.13 0.45 0.00	25.53 0.42 0.00	37.70 0.64 0.00	42.16 0.72 0.00	28.63 0.72 0.00	28.78 0.97 0.00	29.54 1.06 0.00	26.34 0.95 0.00	21.41 0.83 1.36	23.14 0.93 0.00	23.33 0.95 0.00	23.55 1.00 0.00	27.56 1.11 0.00	41.20 1.33 0.00	55.20 1.35 0.00	62.32 1.45 0.00	76.34 1.75 0.00	45.71 1.11 0.00	38.52 1.00 0.00	33.23 0.55 0.00
BOWLINE___2 23595	29.67 0.79 0.00	24.03 0.60 0.00	18.91 0.43 0.00	25.14 0.49 0.00	24.12 0.44 0.00	25.53 0.42 0.00	37.68 0.63 0.00	42.15 0.70 0.00	28.61 0.71 0.00	28.77 0.96 0.00	29.53 1.05 0.00	26.33 0.95 0.00	21.40 0.82 1.36	23.13 0.92 0.00	23.32 0.94 0.00	23.54 0.99 0.00	27.55 1.10 0.00	41.18 1.31 0.00	55.18 1.33 0.00	62.29 1.43 0.00	76.32 1.73 0.00	45.71 1.11 0.00	38.50 0.98 0.00	33.23 0.55 0.00
BRADY___115KV_TB2 356060	30.04 1.17 0.00	24.34 0.91 0.00	19.16 0.68 0.00	25.59 0.95 0.00	24.63 0.96 0.00	26.21 1.11 0.00	38.80 1.75 0.00	43.32 1.87 0.00	28.84 0.94 0.00	28.52 0.71 0.00	29.16 0.67 0.00	26.01 0.62 0.00	22.43 0.49 0.00	22.65 0.44 0.00	22.81 0.43 0.00	22.95 0.40 0.00	26.87 0.42 0.00	40.74 0.86 0.00	55.81 1.97 0.00	63.30 2.44 0.00	77.48 2.89 0.00	46.43 1.83 0.00	39.02 1.50 0.00	34.13 1.44 0.00
BRANSCOMB___SOLAR 323811	29.46 0.58 0.00	23.92 0.50 0.00	18.87 0.40 0.00	25.18 0.53 0.00	24.24 0.56 0.00	25.69 0.58 0.00	38.12 1.06 0.00	42.69 1.25 0.00	28.62 0.72 0.00	28.26 0.45 0.00	28.81 0.32 0.00	25.67 0.29 0.00	22.24 0.19 -0.11	22.44 0.23 0.00	22.64 0.26 0.00	22.88 0.33 0.00	27.12 0.67 0.00	41.19 1.32 0.00	55.50 1.66 0.00	62.85 1.98 0.00	77.14 2.56 0.00	46.02 1.42 0.00	38.66 1.15 0.00	33.55 0.87 0.00
BRDGHMPT_69_KV_BK1 55812	26.77 0.22 2.33	23.29 -0.09 0.05	17.86 -0.14 0.47	-16.89 -0.33 41.20	13.47 -0.36 9.85	20.41 -0.51 4.18	19.64 -0.70 16.72	26.14 -0.30 15.01	20.22 0.59 8.28	21.66 0.86 7.01	-57.70 1.27 87.45	-448.00 1.11 474.49	-4.45 1.06 27.45	23.70 1.50 0.00	25.99 1.60 -2.01	25.75 1.44 -1.77	29.80 1.51 -1.84	41.40 1.53 0.00	54.63 0.79 0.00	61.72 0.86 0.00	75.43 1.03 0.18	42.29 1.30 3.62	36.79 1.24 1.97	28.85 1.16 4.99







CHESTROR_138KV_BK263 355645	29.57 0.69 0.00	23.96 0.53 0.00	18.86 0.38 0.00	25.07 0.43 0.00	24.07 0.39 0.00	25.47 0.37 0.00	37.61 0.55 0.00	42.06 0.61 0.00	28.52 0.61 0.00	28.61 0.80 0.00	29.34 0.86 0.00	26.14 0.76 0.00	21.47 0.67 1.14	22.96 0.76 0.00	23.15 0.77 0.00	23.37 0.82 0.00	27.38 0.93 0.00	41.01 1.13 0.00	55.06 1.21 0.00	62.15 1.28 0.00	76.18 1.59 0.00	45.58 0.98 0.00	38.38 0.86 0.00	33.13 0.45 0.00
CH_MIDHUDSON___DRP 24192	29.73 0.85 0.00	24.10 0.67 0.00	18.98 0.50 0.00	25.24 0.60 0.00	24.24 0.56 0.00	25.64 0.54 0.00	37.89 0.84 0.00	42.40 0.95 0.00	28.73 0.83 0.00	28.84 1.03 0.00	29.60 1.11 0.00	26.37 0.99 0.00	22.90 0.85 -0.11	23.15 0.95 0.00	23.35 0.97 0.00	23.57 1.02 0.00	27.64 1.19 0.00	41.40 1.52 0.00	55.42 1.57 0.00	62.65 1.79 0.00	76.80 2.21 0.00	45.96 1.35 0.00	38.69 1.18 0.00	33.45 0.77 0.00
CH_MISC_IPPS 23765	29.91 1.03 0.00	24.23 0.80 0.00	19.08 0.60 0.00	25.36 0.72 0.00	24.35 0.68 0.00	25.78 0.67 0.00	38.11 1.05 0.00	42.66 1.21 0.00	28.89 0.99 0.00	29.00 1.19 0.00	29.74 1.26 0.00	26.49 1.11 0.00	22.82 0.95 0.08	23.26 1.05 0.00	23.45 1.07 0.00	23.69 1.14 0.00	27.78 1.34 0.00	41.64 1.76 0.00	55.78 1.94 0.00	63.04 2.17 0.00	77.26 2.67 0.00	46.22 1.62 0.00	38.90 1.38 0.00	33.61 0.93 0.00
CH_RES_BVR_FALLS 23983	28.80 -0.07 0.00	23.38 -0.05 0.00	18.41 -0.07 0.00	24.61 -0.02 0.00	23.70 0.02 0.00	25.17 0.07 0.00	37.15 0.09 0.00	41.52 0.07 0.00	27.97 0.07 0.00	27.85 0.03 0.00	28.51 0.03 0.00	25.41 0.02 0.00	21.95 0.01 0.00	22.26 0.06 0.00	22.45 0.07 0.00	22.62 0.07 0.00	26.53 0.08 0.00	40.01 0.13 0.00	54.12 0.28 0.00	61.18 0.31 0.00	74.95 0.36 0.00	44.83 0.23 0.00	37.70 0.19 0.00	32.89 0.21 0.00
CH_RES_NIAGARA 23895	29.13 0.26 0.00	23.61 0.18 0.00	18.65 0.18 0.00	24.97 0.33 0.00	24.03 0.35 0.00	25.44 0.34 0.00	36.39 -0.67 0.00	40.15 -1.29 0.00	27.26 -0.65 0.00	27.80 -0.01 0.00	28.87 0.39 0.00	25.64 0.25 0.00	22.32 0.45 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.42 -0.12 0.00	25.51 -0.94 0.00	37.32 -2.56 0.00	50.81 -3.04 0.00	56.44 -4.42 0.00	68.81 -5.77 0.00	41.39 -3.21 0.00	35.22 -2.29 0.00	31.95 -0.73 0.00
CH_RES_SYRACUSE 23985	28.66 -0.21 0.00	23.23 -0.19 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.49 -0.19 0.00	24.92 -0.18 0.00	36.80 -0.26 0.00	41.20 -0.25 0.00	27.72 -0.19 0.00	27.54 -0.27 0.00	28.18 -0.31 0.00	25.09 -0.30 0.00	21.72 -0.22 0.00	21.97 -0.24 0.00	22.12 -0.26 0.00	22.29 -0.26 0.00	26.16 -0.28 0.00	39.54 -0.34 0.00	53.57 -0.28 0.00	60.46 -0.41 0.00	74.04 -0.55 0.00	44.18 -0.42 0.00	37.17 -0.35 0.00	32.37 -0.31 0.00
CLINTON_WT_PWR 323605	29.44 0.56 0.00	23.84 0.41 0.00	18.74 0.26 0.00	25.01 0.37 0.00	24.07 0.39 0.00	25.56 0.46 0.00	37.84 0.78 0.00	42.23 0.78 0.00	28.42 0.51 0.00	28.27 0.46 0.00	28.96 0.47 0.00	25.90 0.51 0.00	22.28 0.34 0.00	22.49 0.28 0.00	22.65 0.27 0.00	22.83 0.29 0.00	26.80 0.35 0.00	40.37 0.50 0.00	54.73 0.89 0.00	62.03 1.16 0.00	76.01 1.43 0.00	45.57 0.97 0.00	38.34 0.83 0.00	33.54 0.86 0.00
CLINTON___LFGE 323618	29.89 1.01 0.00	24.18 0.75 0.00	18.97 0.49 0.00	25.31 0.66 0.00	24.36 0.69 0.00	25.83 0.73 0.00	38.35 1.29 0.00	42.78 1.34 0.00	28.83 0.93 0.00	28.53 0.72 0.00	29.22 0.73 0.00	26.10 0.72 0.00	22.44 0.50 0.00	22.64 0.44 0.00	22.80 0.42 0.00	23.01 0.46 0.00	27.07 0.62 0.00	40.73 0.85 0.00	55.38 1.53 0.00	63.00 2.14 0.00	77.32 2.73 0.00	46.46 1.87 0.00	39.13 1.61 0.00	34.20 1.52 0.00
COBBLENY_34_KV_TB1 80064	29.51 0.63 0.00	23.88 0.45 0.00	18.85 0.38 0.00	25.23 0.59 0.00	24.27 0.59 0.00	25.70 0.60 0.00	37.02 -0.04 0.00	41.08 -0.36 0.00	27.89 -0.02 0.00	28.24 0.43 0.00	29.24 0.76 0.00	25.98 0.59 0.00	22.59 0.73 0.08	22.67 0.46 0.00	22.76 0.38 0.00	22.75 0.20 0.00	26.03 -0.42 0.00	38.50 -1.38 0.00	52.66 -1.19 0.00	58.57 -2.30 0.00	71.47 -3.12 0.00	42.80 -1.80 0.00	36.30 -1.22 0.00	32.47 -0.21 0.00
COFFEEN___115KV_TB3 355620	29.64 0.77 0.00	24.04 0.61 0.00	19.03 0.55 0.00	25.36 0.72 0.00	24.56 0.88 0.00	26.25 1.16 0.00	39.15 2.09 0.00	44.04 2.60 0.00	29.01 1.10 0.00	27.95 0.14 0.00	28.17 -0.32 0.00	25.04 -0.34 0.00	21.70 -0.24 0.00	21.96 -0.24 0.00	22.10 -0.28 0.00	22.28 -0.26 0.00	26.29 -0.16 0.00	40.90 1.03 0.00	57.11 3.26 0.00	65.03 4.16 0.00	79.26 4.68 0.00	47.32 2.72 0.00	39.63 2.11 0.00	34.51 1.83 0.00
COLDSPRG_115KV_BK1 355956	29.76 0.88 0.00	24.04 0.62 0.00	18.94 0.46 0.00	25.35 0.71 0.00	24.37 0.69 0.00	25.84 0.74 0.00	37.40 0.34 0.00	41.82 0.38 0.00	28.58 0.68 0.00	28.94 1.13 0.00	29.91 1.42 0.00	26.55 1.16 0.00	23.10 1.25 0.08	23.23 1.02 0.00	23.32 0.94 0.00	23.25 0.70 0.00	26.64 0.19 0.00	39.49 -0.38 0.00	54.10 0.26 0.00	59.97 -0.90 0.00	73.16 -1.43 0.00	43.72 -0.88 0.00	36.91 -0.61 0.00	32.62 -0.06 0.00
COLONIE_LFGE___ 323577	29.10 0.22 0.00	23.65 0.22 0.00	18.66 0.19 0.00	24.89 0.25 0.00	23.94 0.26 0.00	25.33 0.23 0.00	37.53 0.47 0.00	42.02 0.57 0.00	28.28 0.37 0.00	28.12 0.31 0.00	28.74 0.26 0.00	25.63 0.25 0.00	22.22 0.17 -0.12	22.43 0.22 0.00	22.63 0.25 0.00	22.82 0.27 0.00	26.93 0.48 0.00	40.67 0.80 0.00	54.61 0.76 0.00	61.89 1.02 0.00	75.98 1.39 0.00	45.38 0.78 0.00	38.15 0.63 0.00	33.13 0.45 0.00
COOPERNY_115KV_TB1 80082	29.39 0.52 0.00	23.83 0.40 0.00	18.77 0.29 0.00	24.96 0.33 0.00	23.96 0.28 0.00	25.35 0.25 0.00	37.41 0.35 0.00	41.82 0.37 0.00	28.34 0.44 0.00	28.44 0.63 0.00	29.17 0.69 0.00	26.01 0.62 0.00	21.71 0.55 0.78	22.84 0.63 0.00	23.03 0.65 0.00	23.24 0.69 0.00	27.17 0.72 0.00	40.74 0.86 0.00	54.74 0.89 0.00	61.80 0.93 0.00	75.73 1.14 0.00	45.32 0.72 0.00	38.15 0.63 0.00	32.98 0.30 0.00
COPENHAGEN_WT_PWR 323753	29.18 0.30 0.00	23.68 0.25 0.00	18.76 0.28 0.00	24.99 0.35 0.00	24.22 0.54 0.00	25.89 0.79 0.00	38.57 1.51 0.00	43.41 1.97 0.00	28.66 0.75 0.00	27.79 -0.02 0.00	28.10 -0.39 0.00	24.97 -0.41 0.00	21.65 -0.29 0.00	21.93 -0.28 0.00	22.07 -0.31 0.00	22.26 -0.29 0.00	26.23 -0.21 0.00	40.64 0.76 0.00	56.39 2.54 0.00	64.11 3.24 0.00	78.23 3.65 0.00	46.74 2.14 0.00	39.18 1.66 0.00	34.11 1.43 0.00
CORNELL_____ 23752	29.34 0.46 0.00	23.73 0.30 0.00	18.73 0.26 0.00	24.96 0.32 0.00	23.95 0.27 0.00	25.39 0.29 0.00	37.49 0.44 0.00	42.09 0.64 0.00	28.28 0.37 0.00	27.91 0.09 0.00	28.42 -0.06 0.00	25.29 -0.10 0.00	21.79 -0.03 0.12	22.12 -0.08 0.00	22.27 -0.11 0.00	22.42 -0.12 0.00	26.40 -0.05 0.00	40.12 0.24 0.00	54.86 1.02 0.00	61.93 1.07 0.00	75.86 1.27 0.00	45.23 0.63 0.00	38.06 0.54 0.00	33.14 0.46 0.00

CORONA__69_KV_TB1 355595	30.01 1.14 0.00	24.24 0.82 0.00	19.06 0.58 0.00	25.27 0.62 0.00	24.27 0.59 0.00	25.57 0.47 0.00	37.66 0.60 0.00	42.12 0.67 0.00	28.67 0.76 0.00	28.92 1.11 0.00	29.90 1.41 0.00	26.62 1.24 0.00	23.59 1.13 -0.52	23.61 1.35 -0.05	56.05 1.40 -32.27	58.63 1.35 -34.74	57.53 1.50 -29.58	41.38 1.51 0.00	55.20 1.35 0.00	62.40 1.53 0.00	78.28 1.73 -1.96	103.38 1.72 -57.06	69.76 1.47 -30.78	93.68 1.12 -59.87
CORTLAND__115KV_TB3 80093	29.27 0.39 0.00	23.72 0.29 0.00	18.74 0.26 0.00	24.96 0.32 0.00	24.01 0.33 0.00	25.51 0.41 0.00	37.79 0.73 0.00	42.36 0.91 0.00	28.41 0.50 0.00	28.02 0.21 0.00	28.58 0.10 0.00	25.43 0.05 0.00	22.01 0.07 0.00	22.27 0.06 0.00	22.43 0.06 0.00	22.61 0.06 0.00	26.46 0.01 0.00	39.92 0.05 0.00	54.29 0.45 0.00	61.29 0.42 0.00	75.08 0.49 0.00	44.79 0.19 0.00	37.68 0.17 0.00	32.79 0.10 0.00
COXSACKIE__GT 23611	29.60 0.72 0.00	24.07 0.64 0.00	18.99 0.51 0.00	25.33 0.69 0.00	24.36 0.69 0.00	25.85 0.75 0.00	38.34 1.28 0.00	43.15 1.70 0.00	28.86 0.96 0.00	28.21 0.40 0.00	28.75 0.27 0.00	25.62 0.23 0.00	22.18 0.16 -0.08	22.41 0.20 0.00	22.62 0.24 0.00	22.84 0.30 0.00	27.02 0.57 0.00	41.19 1.32 0.00	56.10 2.26 0.00	63.70 2.83 0.00	78.15 3.57 0.00	46.61 2.01 0.00	39.09 1.58 0.00	33.91 1.23 0.00
CPV_VALLEY__CC1 323721	29.36 0.48 0.00	23.81 0.38 0.00	18.74 0.27 0.00	24.92 0.28 0.00	23.92 0.24 0.00	25.30 0.20 0.00	37.34 0.28 0.00	41.75 0.30 0.00	28.32 0.42 0.00	28.43 0.61 0.00	29.17 0.69 0.00	26.00 0.62 0.00	21.45 0.54 1.03	22.84 0.63 0.00	23.03 0.65 0.00	23.23 0.69 0.00	27.20 0.76 0.00	40.73 0.86 0.00	54.66 0.82 0.00	61.72 0.85 0.00	75.62 1.03 0.00	45.26 0.66 0.00	38.12 0.60 0.00	32.92 0.24 0.00
CPV_VALLEY__CC2 323722	29.36 0.48 0.00	23.81 0.38 0.00	18.74 0.27 0.00	24.92 0.28 0.00	23.92 0.24 0.00	25.30 0.20 0.00	37.34 0.28 0.00	41.75 0.30 0.00	28.32 0.42 0.00	28.43 0.61 0.00	29.17 0.69 0.00	26.00 0.62 0.00	21.45 0.54 1.03	22.84 0.63 0.00	23.03 0.65 0.00	23.23 0.69 0.00	27.20 0.76 0.00	40.73 0.86 0.00	54.66 0.82 0.00	61.72 0.85 0.00	75.62 1.03 0.00	45.26 0.66 0.00	38.12 0.60 0.00	32.92 0.24 0.00
CRESCENT__HYD 24018	29.10 0.22 0.00	23.65 0.22 0.00	18.66 0.19 0.00	24.89 0.25 0.00	23.94 0.26 0.00	25.33 0.23 0.00	37.53 0.47 0.00	42.02 0.57 0.00	28.28 0.37 0.00	28.12 0.31 0.00	28.74 0.26 0.00	25.63 0.25 0.00	22.22 0.17 -0.12	22.43 0.22 0.00	22.63 0.25 0.00	22.82 0.27 0.00	26.93 0.48 0.00	40.67 0.80 0.00	54.61 0.76 0.00	61.89 1.02 0.00	75.98 1.39 0.00	45.38 0.78 0.00	38.15 0.63 0.00	33.13 0.45 0.00
CRICKET__VALLEY_CC1 323756	29.35 0.47 0.00	23.81 0.38 0.00	18.76 0.28 0.00	24.96 0.32 0.00	23.98 0.31 0.00	25.35 0.25 0.00	37.50 0.44 0.00	41.99 0.54 0.00	28.46 0.55 0.00	28.51 0.70 0.00	29.25 0.76 0.00	26.08 0.70 0.00	22.82 0.58 -0.30	22.87 0.66 0.00	23.08 0.70 0.00	23.29 0.74 0.00	27.33 0.88 0.00	40.97 1.09 0.00	54.83 0.98 0.00	62.06 1.20 0.00	76.11 1.52 0.00	45.50 0.90 0.00	38.29 0.78 0.00	33.12 0.44 0.00
CRICKET__VALLEY_CC2 323757	29.35 0.47 0.00	23.81 0.38 0.00	18.76 0.28 0.00	24.96 0.32 0.00	23.98 0.31 0.00	25.35 0.25 0.00	37.50 0.44 0.00	41.99 0.54 0.00	28.46 0.55 0.00	28.51 0.70 0.00	29.25 0.76 0.00	26.08 0.70 0.00	22.82 0.58 -0.30	22.87 0.66 0.00	23.08 0.70 0.00	23.29 0.74 0.00	27.33 0.88 0.00	40.97 1.09 0.00	54.83 0.98 0.00	62.06 1.20 0.00	76.11 1.52 0.00	45.50 0.90 0.00	38.29 0.78 0.00	33.12 0.44 0.00
CRICKET__VALLEY_CC3 323758	29.35 0.47 0.00	23.81 0.38 0.00	18.76 0.28 0.00	24.96 0.32 0.00	23.98 0.31 0.00	25.35 0.25 0.00	37.50 0.44 0.00	41.99 0.54 0.00	28.46 0.55 0.00	28.51 0.70 0.00	29.25 0.76 0.00	26.08 0.70 0.00	22.82 0.58 -0.30	22.87 0.66 0.00	23.08 0.70 0.00	23.29 0.74 0.00	27.33 0.88 0.00	40.97 1.09 0.00	54.83 0.98 0.00	62.06 1.20 0.00	76.11 1.52 0.00	45.50 0.90 0.00	38.29 0.78 0.00	33.12 0.44 0.00
CRUCIBLE__METL_DRP 24180	28.66 -0.22 0.00	23.23 -0.19 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.49 -0.19 0.00	24.92 -0.18 0.00	36.80 -0.26 0.00	41.20 -0.25 0.00	27.72 -0.19 0.00	27.55 -0.27 0.00	28.18 -0.31 0.00	25.09 -0.30 0.00	21.72 -0.22 0.00	21.97 -0.24 0.00	22.12 -0.26 0.00	22.29 -0.26 0.00	26.16 -0.28 0.00	39.53 -0.34 0.00	53.56 -0.28 0.00	60.46 -0.41 0.00	74.04 -0.55 0.00	44.18 -0.42 0.00	37.17 -0.35 0.00	32.36 -0.32 0.00
DAHOWA__HYDRO 323763	29.55 0.67 0.00	23.99 0.56 0.00	18.92 0.44 0.00	25.25 0.60 0.00	24.32 0.64 0.00	25.78 0.68 0.00	38.30 1.24 0.00	42.90 1.45 0.00	28.74 0.84 0.00	28.35 0.54 0.00	28.88 0.40 0.00	25.73 0.35 0.00	22.28 0.23 -0.11	22.48 0.27 0.00	22.68 0.30 0.00	22.95 0.40 0.00	27.21 0.76 0.00	41.37 1.50 0.00	55.77 1.93 0.00	63.17 2.30 0.00	77.52 2.93 0.00	46.24 1.64 0.00	38.83 1.31 0.00	33.68 1.00 0.00
DANC__LFGE 323619	28.87 -0.01 0.00	23.42 -0.01 0.00	18.53 0.05 0.00	24.69 0.04 0.00	23.85 0.17 0.00	25.43 0.32 0.00	37.76 0.70 0.00	42.40 0.96 0.00	28.19 0.28 0.00	27.58 -0.23 0.00	27.99 -0.49 0.00	24.90 -0.49 0.00	21.58 -0.36 0.00	21.84 -0.37 0.00	21.98 -0.40 0.00	22.15 -0.40 0.00	26.02 -0.43 0.00	39.97 0.09 0.00	55.01 1.16 0.00	62.49 1.62 0.00	76.35 1.77 0.00	45.61 1.01 0.00	38.27 0.75 0.00	33.32 0.63 0.00
DANSKAMMER__1 23586	29.91 1.03 0.00	24.23 0.80 0.00	19.08 0.60 0.00	25.36 0.72 0.00	24.35 0.68 0.00	25.78 0.67 0.00	38.11 1.05 0.00	42.66 1.21 0.00	28.89 0.99 0.00	29.00 1.19 0.00	29.74 1.26 0.00	26.49 1.11 0.00	22.82 0.95 0.08	23.26 1.05 0.00	23.45 1.07 0.00	23.69 1.14 0.00	27.78 1.34 0.00	41.64 1.76 0.00	55.78 1.94 0.00	63.04 2.17 0.00	77.26 2.67 0.00	46.22 1.62 0.00	38.90 1.38 0.00	33.61 0.93 0.00
DANSKAMMER__2 23589	29.91 1.03 0.00	24.23 0.80 0.00	19.08 0.60 0.00	25.36 0.72 0.00	24.35 0.68 0.00	25.78 0.67 0.00	38.11 1.05 0.00	42.66 1.21 0.00	28.89 0.99 0.00	29.00 1.19 0.00	29.74 1.26 0.00	26.49 1.11 0.00	22.82 0.95 0.08	23.26 1.05 0.00	23.45 1.07 0.00	23.69 1.14 0.00	27.78 1.34 0.00	41.64 1.76 0.00	55.78 1.94 0.00	63.04 2.17 0.00	77.26 2.67 0.00	46.22 1.62 0.00	38.90 1.38 0.00	33.61 0.93 0.00
DANSKAMMER__3 23590	29.91 1.03 0.00	24.23 0.80 0.00	19.08 0.60 0.00	25.36 0.72 0.00	24.35 0.68 0.00	25.78 0.67 0.00	38.11 1.05 0.00	42.66 1.21 0.00	28.89 0.99 0.00	29.00 1.19 0.00	29.74 1.26 0.00	26.49 1.11 0.00	22.82 0.95 0.08	23.26 1.05 0.00	23.45 1.07 0.00	23.69 1.14 0.00	27.78 1.34 0.00	41.64 1.76 0.00	55.78 1.94 0.00	63.04 2.17 0.00	77.26 2.67 0.00	46.22 1.62 0.00	38.90 1.38 0.00	33.61 0.93 0.00

DANSKAMMER___4 23591	29.91 1.03 0.00	24.23 0.80 0.00	19.08 0.60 0.00	25.36 0.72 0.00	24.35 0.68 0.00	25.78 0.67 0.00	38.11 1.05 0.00	42.66 1.21 0.00	28.89 0.99 0.00	29.00 1.19 0.00	29.74 1.26 0.00	26.49 1.11 0.00	22.82 0.95 0.08	23.26 1.05 0.00	23.45 1.07 0.00	23.69 1.14 0.00	27.78 1.34 0.00	41.64 1.76 0.00	55.78 1.94 0.00	63.04 2.17 0.00	77.26 2.67 0.00	46.22 1.62 0.00	38.90 1.38 0.00	33.61 0.93 0.00
DANSKAMMER___DIESEL 23592	29.91 1.03 0.00	24.23 0.81 0.00	19.08 0.60 0.00	25.36 0.72 0.00	24.35 0.68 0.00	25.78 0.68 0.00	38.11 1.05 0.00	42.65 1.20 0.00	28.90 0.99 0.00	29.00 1.19 0.00	29.74 1.26 0.00	26.49 1.11 0.00	22.82 0.95 0.08	23.26 1.05 0.00	23.45 1.07 0.00	23.69 1.14 0.00	27.79 1.34 0.00	41.64 1.76 0.00	55.78 1.94 0.00	63.04 2.17 0.00	77.26 2.67 0.00	46.22 1.62 0.00	38.90 1.38 0.00	33.61 0.93 0.00
DARBY___SOLAR 323810	29.46 0.59 0.00	23.93 0.50 0.00	18.88 0.40 0.00	25.18 0.54 0.00	24.24 0.57 0.00	25.69 0.59 0.00	38.13 1.07 0.00	42.70 1.26 0.00	28.63 0.72 0.00	28.26 0.45 0.00	28.82 0.34 0.00	25.68 0.29 0.00	22.24 0.19 -0.11	22.44 0.23 0.00	22.64 0.26 0.00	22.90 0.35 0.00	27.13 0.68 0.00	41.19 1.32 0.00	55.50 1.66 0.00	62.85 1.99 0.00	77.14 2.56 0.00	46.02 1.42 0.00	38.67 1.15 0.00	33.55 0.87 0.00
DASHVILLE___HYD 23610	29.59 0.72 0.00	24.01 0.58 0.00	18.91 0.43 0.00	25.16 0.52 0.00	24.15 0.47 0.00	25.55 0.45 0.00	37.75 0.69 0.00	42.25 0.80 0.00	28.65 0.74 0.00	28.76 0.95 0.00	29.50 1.02 0.00	26.28 0.89 0.00	22.72 0.78 0.00	23.07 0.86 0.00	23.27 0.89 0.00	23.47 0.93 0.00	27.49 1.04 0.00	41.19 1.32 0.00	55.19 1.35 0.00	62.41 1.54 0.00	76.55 1.96 0.00	45.80 1.20 0.00	38.55 1.03 0.00	33.33 0.65 0.00
DELAWARE___LFGE 323621	29.40 0.52 0.00	23.83 0.40 0.00	18.81 0.33 0.00	25.05 0.42 0.00	23.99 0.31 0.00	25.38 0.28 0.00	37.67 0.62 0.00	44.03 2.58 0.00	29.40 1.50 0.00	28.74 0.92 0.00	29.10 0.61 0.00	25.95 0.57 0.00	22.37 0.70 0.27	22.88 0.68 0.00	23.01 0.63 0.00	23.00 0.45 0.00	27.32 0.87 0.00	40.71 0.83 0.00	54.88 1.03 0.00	61.99 1.12 0.00	76.02 1.44 0.00	45.42 0.82 0.00	38.21 0.69 0.00	33.15 0.47 0.00
DERFIELD_115KV_TB7 355931	28.84 -0.04 0.00	23.41 -0.01 0.00	18.48 0.00 0.00	24.63 -0.01 0.00	23.66 -0.02 0.00	25.07 -0.03 0.00	37.04 -0.02 0.00	41.45 0.00 0.00	27.90 0.00 0.00	27.78 -0.03 0.00	28.45 -0.04 0.00	25.34 -0.05 0.00	21.91 -0.03 0.00	22.19 -0.02 0.00	22.38 0.00 0.00	22.55 0.00 0.00	26.48 0.03 0.00	39.95 0.08 0.00	53.90 0.05 0.00	60.93 0.06 0.00	74.72 0.13 0.00	44.65 0.05 0.00	37.56 0.05 0.00	32.68 -0.01 0.00
DOGLEVILLE___HYD 23807	30.17 1.29 0.00	24.48 1.05 0.00	19.32 0.84 0.00	25.73 1.09 0.00	24.74 1.07 0.00	26.24 1.13 0.00	38.95 1.90 0.00	43.65 2.20 0.00	28.85 0.95 0.00	28.28 0.47 0.00	28.80 0.32 0.00	25.59 0.20 0.00	22.14 0.20 0.00	22.44 0.24 0.00	22.60 0.22 0.00	22.78 0.23 0.00	27.08 0.63 0.00	41.61 1.74 0.00	56.91 3.06 0.00	64.36 3.49 0.00	79.01 4.42 0.00	47.36 2.76 0.00	39.80 2.28 0.00	34.41 1.73 0.00
DUNKIRK___115KV_TB_200 55889	29.27 0.40 0.00	23.66 0.23 0.00	18.65 0.17 0.00	24.97 0.32 0.00	24.02 0.35 0.00	25.47 0.37 0.00	36.71 -0.35 0.00	40.89 -0.56 0.00	27.86 -0.04 0.00	28.23 0.42 0.00	29.22 0.74 0.00	25.93 0.55 0.00	22.58 0.72 0.08	22.67 0.47 0.00	22.75 0.37 0.00	22.75 0.20 0.00	26.08 -0.37 0.00	38.56 -1.32 0.00	52.86 -0.98 0.00	58.58 -2.29 0.00	71.49 -3.10 0.00	42.72 -1.88 0.00	36.14 -1.38 0.00	32.06 -0.62 0.00
DUNKIRK___1 23563	29.27 0.40 0.00	23.66 0.23 0.00	18.65 0.17 0.00	24.97 0.32 0.00	24.02 0.35 0.00	25.47 0.37 0.00	36.71 -0.35 0.00	40.89 -0.56 0.00	27.86 -0.04 0.00	28.23 0.42 0.00	29.22 0.74 0.00	25.93 0.55 0.00	22.58 0.72 0.08	22.67 0.47 0.00	22.75 0.37 0.00	22.75 0.20 0.00	26.08 -0.37 0.00	38.56 -1.32 0.00	52.86 -0.98 0.00	58.58 -2.29 0.00	71.49 -3.10 0.00	42.72 -1.88 0.00	36.14 -1.38 0.00	32.06 -0.62 0.00
DUNKIRK___2 23564	29.27 0.40 0.00	23.66 0.23 0.00	18.65 0.17 0.00	24.97 0.32 0.00	24.02 0.35 0.00	25.47 0.37 0.00	36.71 -0.35 0.00	40.89 -0.56 0.00	27.86 -0.04 0.00	28.23 0.42 0.00	29.22 0.74 0.00	25.93 0.55 0.00	22.58 0.72 0.08	22.67 0.47 0.00	22.75 0.37 0.00	22.75 0.20 0.00	26.08 -0.37 0.00	38.56 -1.32 0.00	52.86 -0.98 0.00	58.58 -2.29 0.00	71.49 -3.10 0.00	42.72 -1.88 0.00	36.14 -1.38 0.00	32.06 -0.62 0.00
DUNKIRK___3 23565	29.27 0.39 0.00	23.66 0.23 0.00	18.66 0.18 0.00	24.98 0.34 0.00	24.02 0.34 0.00	25.45 0.35 0.00	36.66 -0.40 0.00	40.79 -0.66 0.00	27.77 -0.13 0.00	28.15 0.34 0.00	29.16 0.67 0.00	25.88 0.50 0.00	22.53 0.67 0.08	22.62 0.41 0.00	22.70 0.32 0.00	22.68 0.14 0.00	25.98 -0.46 0.00	38.41 -1.46 0.00	52.61 -1.23 0.00	58.36 -2.51 0.00	71.20 -3.39 0.00	42.61 -1.99 0.00	36.08 -1.44 0.00	32.09 -0.60 0.00
DUNKIRK___4 23566	29.27 0.39 0.00	23.66 0.23 0.00	18.66 0.18 0.00	24.98 0.34 0.00	24.02 0.34 0.00	25.45 0.35 0.00	36.66 -0.40 0.00	40.79 -0.66 0.00	27.77 -0.13 0.00	28.15 0.34 0.00	29.16 0.67 0.00	25.88 0.50 0.00	22.53 0.67 0.08	22.62 0.41 0.00	22.70 0.32 0.00	22.68 0.14 0.00	25.98 -0.46 0.00	38.41 -1.46 0.00	52.61 -1.23 0.00	58.36 -2.51 0.00	71.20 -3.39 0.00	42.61 -1.99 0.00	36.08 -1.44 0.00	32.09 -0.60 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.86 0.98 0.00	24.19 0.76 0.00	19.04 0.56 0.00	25.29 0.65 0.00	24.28 0.61 0.00	25.69 0.59 0.00	37.93 0.87 0.00	42.41 0.96 0.00	28.79 0.88 0.00	28.99 1.18 0.00	29.80 1.31 0.00	26.56 1.17 0.00	23.47 1.03 -0.49	23.36 1.15 0.00	23.55 1.17 0.00	23.76 1.22 0.00	27.80 1.35 0.00	41.50 1.62 0.00	55.43 1.58 0.00	62.58 1.72 0.00	76.66 2.08 0.00	45.96 1.36 0.00	38.77 1.25 0.00	33.48 0.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.77 0.89 0.00	24.11 0.68 0.00	18.97 0.50 0.00	25.22 0.58 0.00	24.21 0.53 0.00	25.63 0.53 0.00	37.86 0.81 0.00	42.35 0.90 0.00	28.72 0.81 0.00	28.82 1.00 0.00	29.54 1.06 0.00	26.31 0.93 0.00	22.19 0.80 0.55	23.10 0.89 0.00	23.27 0.89 0.00	23.50 0.96 0.00	27.56 1.11 0.00	41.29 1.41 0.00	55.39 1.54 0.00	62.56 1.69 0.00	76.65 2.07 0.00	45.87 1.27 0.00	38.61 1.09 0.00	33.33 0.65 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.91 1.03 0.00	24.30 0.87 0.00	19.12 0.64 0.00	25.40 0.76 0.00	24.39 0.71 0.00	25.80 0.69 0.00	38.12 1.06 0.00	42.60 1.15 0.00	28.96 1.06 0.00	29.11 1.29 0.00	29.92 1.44 0.00	26.62 1.24 0.00	23.58 1.14 -0.49	23.48 1.27 0.00	23.67 1.29 0.00	23.87 1.32 0.00	27.89 1.44 0.00	41.55 1.68 0.00	55.47 1.62 0.00	62.76 1.89 0.00	76.84 2.25 0.00	46.10 1.50 0.00	38.87 1.36 0.00	32.79 0.86 0.75



ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.39 0.51 0.00	23.80 0.37 0.00	18.78 0.31 0.00	25.15 0.50 0.00	24.18 0.51 0.00	25.61 0.51 0.00	36.77 -0.28 0.00	40.74 -0.71 0.00	27.67 -0.23 0.00	28.11 0.30 0.00	29.15 0.66 0.00	25.89 0.51 0.00	22.54 0.67 0.08	22.60 0.39 0.00	22.70 0.32 0.00	22.68 0.13 0.00	25.88 -0.57 0.00	38.16 -1.72 0.00	52.13 -1.72 0.00	57.91 -2.96 0.00	70.60 -3.98 0.00	42.36 -2.25 0.00	35.96 -1.56 0.00	32.26 -0.42 0.00
EMPIRE_CC_1 323656	28.93 0.05 0.00	23.53 0.10 0.00	18.57 0.09 0.00	24.75 0.11 0.00	23.80 0.12 0.00	25.17 0.06 0.00	37.24 0.18 0.00	41.68 0.23 0.00	28.10 0.20 0.00	28.04 0.23 0.00	28.70 0.21 0.00	25.61 0.23 0.00	22.24 0.16 -0.15	22.43 0.22 0.00	22.63 0.25 0.00	22.79 0.24 0.00	26.83 0.38 0.00	40.38 0.50 0.00	54.14 0.29 0.00	61.33 0.47 0.00	75.37 0.78 0.00	45.06 0.46 0.00	37.93 0.41 0.00	32.92 0.24 0.00
EMPIRE_CC_2 323658	28.93 0.05 0.00	23.53 0.10 0.00	18.57 0.09 0.00	24.75 0.11 0.00	23.80 0.12 0.00	25.17 0.06 0.00	37.24 0.18 0.00	41.68 0.23 0.00	28.10 0.20 0.00	28.04 0.23 0.00	28.70 0.21 0.00	25.61 0.23 0.00	22.24 0.16 -0.15	22.43 0.22 0.00	22.63 0.25 0.00	22.79 0.24 0.00	26.83 0.38 0.00	40.38 0.50 0.00	54.14 0.29 0.00	61.33 0.47 0.00	75.37 0.78 0.00	45.06 0.46 0.00	37.93 0.41 0.00	32.92 0.24 0.00
ENORWICH_115KV_TB1 80156	30.91 2.03 0.00	24.75 1.33 0.00	19.68 1.20 0.00	25.99 1.35 0.00	24.82 1.15 0.00	26.33 1.23 0.00	39.45 2.39 0.00	45.13 3.68 0.00	29.80 1.89 0.00	28.74 0.93 0.00	28.79 0.31 0.00	25.70 0.31 0.00	22.22 0.55 0.27	22.80 0.60 0.00	22.94 0.55 0.00	23.09 0.54 0.00	27.71 1.26 0.00	42.71 2.83 0.00	59.21 5.37 0.00	66.66 5.80 0.00	81.57 6.98 0.00	48.46 3.86 0.00	40.69 3.17 0.00	35.29 2.61 0.00
ERIE_ST__34_KV_TB1-2 80199	29.48 0.60 0.00	23.84 0.41 0.00	18.82 0.34 0.00	25.18 0.54 0.00	24.20 0.53 0.00	25.62 0.52 0.00	36.89 -0.17 0.00	40.96 -0.49 0.00	27.85 -0.06 0.00	28.27 0.46 0.00	29.26 0.77 0.00	25.99 0.61 0.00	22.62 0.75 0.08	22.66 0.46 0.00	22.79 0.40 0.00	22.75 0.20 0.00	25.98 -0.47 0.00	38.41 -1.47 0.00	52.52 -1.33 0.00	58.39 -2.48 0.00	71.22 -3.59 0.00	42.68 -2.01 0.00	36.21 -1.31 0.00	32.39 -0.29 0.00
ERIE_WT_PWR 323693	29.49 0.61 0.00	23.87 0.44 0.00	18.85 0.37 0.00	25.22 0.58 0.00	24.26 0.58 0.00	25.69 0.59 0.00	36.93 -0.13 0.00	40.94 -0.51 0.00	27.79 -0.11 0.00	28.19 0.38 0.00	29.21 0.73 0.00	25.94 0.55 0.00	22.58 0.71 0.08	22.64 0.43 0.00	22.74 0.36 0.00	22.73 0.18 0.00	25.97 -0.48 0.00	38.38 -1.50 0.00	52.43 -1.42 0.00	58.25 -2.62 0.00	71.00 -3.59 0.00	42.59 -2.01 0.00	36.16 -1.36 0.00	32.39 -0.29 0.00
ESPRGFLD_115KV_TB1 80157	29.34 0.46 0.00	23.77 0.35 0.00	18.74 0.26 0.00	25.01 0.37 0.00	23.92 0.25 0.00	25.41 0.31 0.00	37.82 0.76 0.00	44.82 3.37 0.00	29.47 1.57 0.00	28.69 0.88 0.00	29.23 0.75 0.00	26.00 0.62 0.00	22.62 0.58 -0.10	22.89 0.68 0.00	23.02 0.64 0.00	22.76 0.22 0.00	26.90 0.46 0.00	40.50 0.62 0.00	54.96 1.12 0.00	62.20 1.34 0.00	76.16 1.57 0.00	45.44 0.84 0.00	38.20 0.68 0.00	33.22 0.54 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.28 0.40 0.00	23.68 0.26 0.00	18.70 0.22 0.00	24.92 0.28 0.00	23.90 0.22 0.00	25.34 0.24 0.00	37.42 0.36 0.00	41.99 0.54 0.00	28.21 0.31 0.00	27.87 0.06 0.00	28.40 -0.08 0.00	25.27 -0.12 0.00	21.78 -0.04 0.12	22.12 -0.09 0.00	22.26 -0.12 0.00	22.42 -0.13 0.00	26.39 -0.06 0.00	40.08 0.21 0.00	54.75 0.91 0.00	61.79 0.93 0.00	75.71 1.12 0.00	45.13 0.53 0.00	37.97 0.46 0.00	33.06 0.38 0.00
ETNA____115KV_TB2 80207	29.28 0.40 0.00	23.68 0.26 0.00	18.70 0.22 0.00	24.92 0.28 0.00	23.90 0.22 0.00	25.34 0.24 0.00	37.42 0.36 0.00	41.99 0.54 0.00	28.21 0.31 0.00	27.87 0.06 0.00	28.40 -0.08 0.00	25.27 -0.12 0.00	21.78 -0.04 0.12	22.12 -0.09 0.00	22.26 -0.12 0.00	22.42 -0.13 0.00	26.39 -0.06 0.00	40.08 0.21 0.00	54.75 0.91 0.00	61.79 0.93 0.00	75.71 1.12 0.00	45.13 0.53 0.00	37.97 0.46 0.00	33.06 0.38 0.00
EUCLID___115KV_TB2 356179	28.38 -0.49 0.00	23.02 -0.41 0.00	18.18 -0.30 0.00	24.22 -0.43 0.00	23.27 -0.41 0.00	24.67 -0.43 0.00	36.42 -0.63 0.00	40.77 -0.68 0.00	27.45 -0.46 0.00	27.30 -0.52 0.00	27.95 -0.54 0.00	24.89 -0.49 0.00	21.55 -0.39 0.00	21.79 -0.41 0.00	21.95 -0.43 0.00	22.11 -0.44 0.00	25.93 -0.52 0.00	39.11 -0.77 0.00	52.91 -0.93 0.00	59.76 -1.11 0.00	73.21 -1.38 0.00	43.72 -0.88 0.00	36.78 -0.74 0.00	32.04 -0.65 0.00
E_CANADA_CAP_HY 24051	29.00 0.12 0.00	23.52 0.10 0.00	18.53 0.05 0.00	24.74 0.10 0.00	23.74 0.06 0.00	25.26 0.15 0.00	37.52 0.46 0.00	43.31 1.86 0.00	28.53 0.62 0.00	27.82 0.01 0.00	28.42 -0.07 0.00	25.30 -0.09 0.00	21.99 -0.05 -0.10	22.22 0.01 0.00	22.37 -0.01 0.00	22.30 -0.25 0.00	26.27 -0.18 0.00	39.88 0.00 0.00	54.43 0.58 0.00	61.62 0.75 0.00	75.42 0.83 0.00	45.07 0.47 0.00	37.88 0.36 0.00	32.98 0.30 0.00
E_CANADA_MHWK_HY 24050	30.17 1.30 0.00	24.48 1.05 0.00	19.32 0.84 0.00	25.73 1.09 0.00	24.74 1.06 0.00	26.24 1.13 0.00	38.96 1.90 0.00	43.64 2.20 0.00	28.85 0.95 0.00	28.28 0.47 0.00	28.80 0.31 0.00	25.59 0.20 0.00	22.14 0.20 0.00	22.44 0.24 0.00	22.60 0.22 0.00	22.78 0.23 0.00	27.08 0.63 0.00	41.61 1.74 0.00	56.90 3.06 0.00	64.36 3.49 0.00	79.01 4.42 0.00	47.36 2.76 0.00	39.80 2.28 0.00	34.41 1.73 0.00
E_FISHKILL___LBMP 23776	29.60 0.73 0.00	24.00 0.57 0.00	18.89 0.42 0.00	25.13 0.49 0.00	24.13 0.45 0.00	25.52 0.42 0.00	37.69 0.63 0.00	42.16 0.72 0.00	28.60 0.69 0.00	28.73 0.92 0.00	29.51 1.02 0.00	26.30 0.92 0.00	23.06 0.80 -0.32	23.10 0.90 0.00	23.30 0.92 0.00	23.51 0.96 0.00	27.54 1.09 0.00	41.19 1.32 0.00	55.09 1.25 0.00	62.26 1.39 0.00	76.34 1.75 0.00	45.70 1.10 0.00	38.51 0.99 0.00	33.30 0.62 0.00
FALCON___SEABRD_CC1 323796	29.84 0.96 0.00	24.16 0.73 0.00	18.94 0.46 0.00	25.26 0.61 0.00	24.30 0.62 0.00	25.69 0.59 0.00	38.11 1.05 0.00	42.44 0.99 0.00	28.70 0.79 0.00	28.45 0.64 0.00	29.15 0.67 0.00	26.06 0.68 0.00	22.40 0.46 0.00	22.62 0.41 0.00	22.77 0.38 0.00	22.99 0.44 0.00	27.06 0.61 0.00	40.52 0.65 0.00	54.88 1.03 0.00	62.46 1.59 0.00	76.80 2.21 0.00	46.32 1.72 0.00	39.07 1.55 0.00	34.16 1.48 0.00
FALCON___SEABRD_CC2 323797	29.84 0.96 0.00	24.16 0.73 0.00	18.94 0.46 0.00	25.26 0.61 0.00	24.30 0.62 0.00	25.69 0.59 0.00	38.11 1.05 0.00	42.44 0.99 0.00	28.70 0.79 0.00	28.45 0.64 0.00	29.15 0.67 0.00	26.06 0.68 0.00	22.40 0.46 0.00	22.62 0.41 0.00	22.77 0.38 0.00	22.99 0.44 0.00	27.06 0.61 0.00	40.52 0.65 0.00	54.88 1.03 0.00	62.46 1.59 0.00	76.80 2.21 0.00	46.32 1.72 0.00	39.07 1.55 0.00	34.16 1.48 0.00

FAR ROCKAWAY___4 23548	30.20 1.32 0.00	24.38 0.95 0.00	19.16 0.68 0.00	25.40 0.76 0.00	24.40 0.72 0.00	25.70 0.60 0.00	37.87 0.82 0.00	42.37 0.93 0.00	28.84 0.93 0.00	29.09 1.27 0.00	30.07 1.58 0.00	26.78 1.40 0.00	23.74 1.28 -0.52	23.77 1.51 -0.05	57.16 1.56 -33.21	59.91 1.51 -35.85	58.59 1.69 -30.45	41.65 1.77 0.00	55.58 1.74 0.00	62.84 1.97 0.00	78.94 2.25 -2.10	107.19 2.03 -60.56	71.89 1.71 -32.67	97.87 1.34 -63.85
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.96 1.09 0.00	24.26 0.83 0.00	19.08 0.61 0.00	25.34 0.70 0.00	24.33 0.65 0.00	25.74 0.64 0.00	38.02 0.96 0.00	42.48 1.03 0.00	28.86 0.96 0.00	29.11 1.30 0.00	29.94 1.45 0.00	26.69 1.31 0.00	23.61 1.17 -0.49	23.50 1.29 0.00	23.69 1.31 0.00	23.91 1.36 0.00	27.95 1.49 0.00	41.64 1.76 0.00	55.57 1.72 0.00	62.76 1.90 0.00	76.88 2.30 0.00	46.08 1.47 0.00	38.91 1.39 0.00	33.60 0.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.97 1.10 0.00	24.27 0.84 0.00	19.09 0.61 0.00	25.34 0.70 0.00	24.34 0.66 0.00	25.75 0.65 0.00	38.02 0.96 0.00	42.49 1.04 0.00	28.87 0.96 0.00	29.12 1.31 0.00	29.94 1.46 0.00	26.70 1.31 0.00	23.61 1.17 -0.49	23.50 1.29 0.00	23.69 1.31 0.00	23.91 1.36 0.00	27.95 1.49 0.00	41.65 1.77 0.00	55.59 1.74 0.00	62.78 1.92 0.00	76.90 2.31 0.00	46.10 1.50 0.00	38.92 1.40 0.00	33.61 0.92 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.95 1.07 0.00	24.25 0.82 0.00	19.08 0.60 0.00	25.33 0.68 0.00	24.32 0.64 0.00	25.73 0.63 0.00	37.98 0.92 0.00	42.46 1.01 0.00	28.86 0.95 0.00	29.10 1.29 0.00	29.92 1.43 0.00	26.68 1.30 0.00	23.59 1.16 -0.49	23.49 1.28 0.00	23.68 1.30 0.00	23.89 1.34 0.00	27.93 1.48 0.00	41.62 1.74 0.00	55.54 1.69 0.00	62.72 1.85 0.00	76.82 2.24 0.00	46.05 1.45 0.00	38.88 1.36 0.00	33.57 0.89 0.00
FARRAGUT___LBMP 323566	29.92 1.04 0.00	24.23 0.80 0.00	19.06 0.58 0.00	25.31 0.67 0.00	24.31 0.63 0.00	25.71 0.61 0.00	37.97 0.91 0.00	42.42 0.98 0.00	28.83 0.92 0.00	29.07 1.26 0.00	29.89 1.40 0.00	26.66 1.27 0.00	23.57 1.13 -0.49	23.47 1.26 0.00	23.65 1.27 0.00	23.86 1.32 0.00	27.90 1.45 0.00	41.59 1.71 0.00	55.49 1.65 0.00	62.67 1.80 0.00	76.75 2.16 0.00	46.02 1.42 0.00	38.85 1.33 0.00	33.56 0.88 0.00
FENNER___WINDPWR 24204	29.33 0.46 0.00	23.78 0.35 0.00	18.79 0.31 0.00	25.04 0.40 0.00	24.08 0.40 0.00	25.60 0.50 0.00	37.94 0.88 0.00	42.50 1.05 0.00	28.47 0.57 0.00	28.06 0.25 0.00	28.64 0.15 0.00	25.48 0.09 0.00	22.05 0.11 0.00	22.32 0.11 0.00	22.50 0.12 0.00	22.69 0.14 0.00	26.65 0.20 0.00	40.38 0.51 0.00	54.95 1.10 0.00	62.05 1.19 0.00	76.00 1.42 0.00	45.40 0.80 0.00	38.16 0.64 0.00	33.16 0.48 0.00
FIBERTEK___ENERGY 23856	28.66 -0.22 0.00	23.23 -0.19 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.49 -0.19 0.00	24.92 -0.18 0.00	36.80 -0.26 0.00	41.20 -0.25 0.00	27.72 -0.19 0.00	27.55 -0.27 0.00	28.18 -0.31 0.00	25.09 -0.30 0.00	21.72 -0.22 0.00	21.97 -0.24 0.00	22.12 -0.26 0.00	22.29 -0.26 0.00	26.16 -0.28 0.00	39.53 -0.34 0.00	53.56 -0.28 0.00	60.46 -0.41 0.00	74.04 -0.55 0.00	44.18 -0.42 0.00	37.17 -0.35 0.00	32.36 -0.32 0.00
FITZPATRICK___ 23598	28.03 -0.85 0.00	22.74 -0.69 0.00	17.96 -0.52 0.00	23.92 -0.72 0.00	22.98 -0.70 0.00	24.37 -0.73 0.00	35.95 -1.11 0.00	40.22 -1.23 0.00	27.08 -0.82 0.00	26.96 -0.86 0.00	27.61 -0.88 0.00	24.59 -0.79 0.00	21.29 -0.65 0.00	21.53 -0.68 0.00	21.69 -0.69 0.00	21.84 -0.70 0.00	25.61 -0.84 0.00	38.62 -1.26 0.00	52.23 -1.61 0.00	58.99 -1.88 0.00	72.26 -2.33 0.00	43.17 -1.43 0.00	36.33 -1.19 0.00	31.66 -1.03 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.96 1.08 0.00	24.27 0.85 0.00	19.11 0.63 0.00	25.41 0.76 0.00	24.39 0.72 0.00	25.82 0.72 0.00	38.17 1.12 0.00	42.72 1.27 0.00	28.95 1.04 0.00	29.05 1.23 0.00	29.80 1.31 0.00	26.53 1.15 0.00	22.94 1.00 0.00	23.30 1.09 0.00	23.50 1.12 0.00	23.73 1.19 0.00	27.84 1.39 0.00	41.73 1.85 0.00	55.89 2.05 0.00	63.16 2.29 0.00	77.41 2.82 0.00	46.31 1.71 0.00	38.97 1.46 0.00	33.67 0.99 0.00
FORT ORANGE___ 23900	28.85 -0.03 0.00	23.47 0.04 0.00	18.51 0.04 0.00	24.68 0.04 0.00	23.72 0.05 0.00	25.09 -0.01 0.00	37.10 0.04 0.00	41.56 0.12 0.00	28.00 0.09 0.00	27.83 0.02 0.00	28.49 0.00 0.00	25.43 0.04 0.00	22.05 0.00 -0.11	22.26 0.05 0.00	22.46 0.08 0.00	22.64 0.09 0.00	26.65 0.20 0.00	40.17 0.29 0.00	54.00 0.15 0.00	61.20 0.33 0.00	75.12 0.53 0.00	44.90 0.30 0.00	37.79 0.27 0.00	32.80 0.12 0.00
FORT_DRUM_COGEN 23780	29.46 0.59 0.00	23.90 0.48 0.00	18.92 0.44 0.00	25.22 0.58 0.00	24.42 0.74 0.00	26.10 1.00 0.00	38.89 1.84 0.00	43.75 2.30 0.00	28.88 0.97 0.00	27.93 0.12 0.00	28.21 -0.28 0.00	25.08 -0.30 0.00	21.74 -0.20 0.00	22.00 -0.21 0.00	22.14 -0.24 0.00	22.32 -0.23 0.00	26.32 -0.13 0.00	40.83 0.96 0.00	56.76 2.91 0.00	64.55 3.68 0.00	78.78 4.20 0.00	47.05 2.45 0.00	39.43 1.91 0.00	34.33 1.65 0.00
FOX_HILLS___ESR 323835	29.96 1.09 0.00	24.27 0.84 0.00	19.09 0.62 0.00	25.38 0.74 0.00	24.39 0.71 0.00	25.81 0.71 0.00	38.07 1.01 0.00	42.21 0.76 0.00	28.82 0.92 0.00	29.01 1.20 0.00	29.83 1.34 0.00	26.59 1.20 0.00	23.54 1.11 -0.49	23.45 1.24 0.00	23.63 1.25 0.00	23.84 1.29 0.00	27.86 1.41 0.00	41.45 1.58 0.00	55.20 1.35 0.00	62.50 1.63 0.00	76.72 2.13 0.00	46.15 1.55 0.00	38.96 1.44 0.00	33.55 0.87 0.00
FPL_FAR_ROCK_GT1 24212	30.20 1.32 0.00	24.38 0.95 0.00	19.16 0.68 0.00	25.40 0.76 0.00	24.39 0.72 0.00	25.70 0.60 0.00	37.86 0.81 0.00	42.36 0.92 0.00	28.83 0.92 0.00	29.08 1.27 0.00	30.07 1.59 0.00	26.78 1.40 0.00	23.74 1.28 -0.52	23.76 1.50 -0.05	57.16 1.56 -33.21	59.91 1.51 -35.85	58.59 1.69 -30.45	41.65 1.78 0.00	55.58 1.74 0.00	62.84 1.97 0.00	78.93 2.25 -2.10	107.19 2.03 -60.56	71.89 1.70 -32.67	97.88 1.34 -63.85
FPL_FAR_ROCK_GT2 23815	30.20 1.32 0.00	24.38 0.95 0.00	19.16 0.68 0.00	25.40 0.76 0.00	24.39 0.72 0.00	25.70 0.60 0.00	37.86 0.81 0.00	42.36 0.92 0.00	28.83 0.92 0.00	29.08 1.27 0.00	30.07 1.59 0.00	26.78 1.40 0.00	23.74 1.28 -0.52	23.76 1.50 -0.05	57.16 1.56 -33.21	59.91 1.51 -35.85	58.59 1.69 -30.45	41.65 1.78 0.00	55.58 1.74 0.00	62.84 1.97 0.00	78.93 2.25 -2.10	107.19 2.03 -60.56	71.89 1.70 -32.67	97.88 1.34 -63.85
FRANKLIN_FALL_HYD 24054	29.86 0.98 0.00	24.17 0.75 0.00	19.01 0.53 0.00	25.37 0.73 0.00	24.43 0.75 0.00	26.02 0.91 0.00	38.58 1.52 0.00	43.11 1.66 0.00	28.92 1.02 0.00	28.65 0.84 0.00	29.28 0.79 0.00	26.15 0.77 0.00	22.51 0.57 0.00	22.70 0.49 0.00	22.85 0.47 0.00	23.00 0.45 0.00	26.99 0.54 0.00	40.89 1.02 0.00	55.68 1.83 0.00	63.17 2.31 0.00	77.38 2.79 0.00	46.41 1.81 0.00	39.03 1.51 0.00	34.13 1.45 0.00



FREEPORT_EQUS_GT1 23764	29.93 1.06 0.00	24.17 0.75 0.00	18.99 0.51 0.00	25.16 0.52 0.00	24.16 0.48 0.00	23.39 0.32 2.04	29.33 0.42 8.15	34.60 0.48 7.32	24.50 0.63 4.04	25.35 0.95 3.41	29.76 1.28 0.00	26.52 1.14 0.00	23.47 1.03 -0.50	23.49 1.26 -0.02	38.10 1.32 -14.39	39.06 1.28 -15.24	41.05 1.41 -13.19	41.23 1.35 0.00	54.84 0.99 0.00	62.11 1.24 0.00	76.75 1.49 -0.68	67.02 1.55 -20.86	50.10 1.34 -11.24	54.82 1.00 -21.13
FREEPORT___CT2 23818	29.93 1.06 0.00	24.17 0.75 0.00	18.99 0.51 0.00	25.16 0.52 0.00	24.16 0.48 0.00	23.39 0.32 2.04	29.33 0.42 8.15	34.60 0.48 7.32	24.50 0.63 4.04	25.35 0.95 3.41	29.76 1.28 0.00	26.52 1.14 0.00	23.47 1.03 -0.50	23.49 1.26 -0.02	38.10 1.32 -14.39	39.06 1.28 -15.24	41.05 1.41 -13.19	41.23 1.35 0.00	54.84 0.99 0.00	62.11 1.24 0.00	76.75 1.49 -0.68	67.02 1.55 -20.86	50.10 1.34 -11.24	54.82 1.00 -21.13
FRESHKLS_33_KV_LOAD 356253	29.97 1.10 0.00	24.27 0.85 0.00	19.10 0.62 0.00	25.42 0.78 0.00	24.44 0.76 0.00	25.86 0.76 0.00	38.13 1.07 0.00	42.13 0.68 0.00	28.81 0.91 0.00	28.98 1.17 0.00	29.80 1.31 0.00	26.55 1.17 0.00	23.51 1.08 -0.49	23.42 1.22 0.00	23.61 1.23 0.00	23.81 1.27 0.00	27.84 1.39 0.00	41.42 1.55 0.00	55.12 1.28 0.00	62.41 1.54 0.00	76.77 2.18 0.00	46.33 1.73 0.00	39.11 1.59 0.00	33.66 0.98 0.00
FULTON COGEN____ 23766	28.27 -0.61 0.00	22.92 -0.51 0.00	18.11 -0.37 0.00	24.11 -0.53 0.00	23.17 -0.50 0.00	24.59 -0.52 0.00	36.30 -0.76 0.00	40.65 -0.80 0.00	27.36 -0.54 0.00	27.18 -0.63 0.00	27.78 -0.70 0.00	24.75 -0.64 0.00	21.42 -0.52 0.00	21.66 -0.54 0.00	21.81 -0.57 0.00	21.98 -0.56 0.00	25.80 -0.65 0.00	38.97 -0.90 0.00	52.80 -1.05 0.00	59.66 -1.21 0.00	73.07 -1.52 0.00	43.63 -0.97 0.00	36.69 -0.83 0.00	31.95 -0.73 0.00
FULTON___LFGE 323630	29.44 0.56 0.00	23.88 0.45 0.00	18.82 0.34 0.00	25.11 0.47 0.00	24.11 0.43 0.00	25.65 0.55 0.00	38.17 1.11 0.00	43.61 2.17 0.00	28.64 0.73 0.00	27.62 -0.20 0.00	28.12 -0.37 0.00	25.03 -0.36 0.00	21.77 -0.27 -0.10	21.97 -0.24 0.00	22.11 -0.27 0.00	22.14 -0.41 0.00	26.23 -0.22 0.00	40.35 0.48 0.00	55.41 1.56 0.00	62.79 1.93 0.00	76.93 2.34 0.00	45.92 1.32 0.00	38.55 1.04 0.00	33.50 0.82 0.00
G.F.CEMENT___DRP 24184	29.65 0.78 0.00	24.07 0.64 0.00	18.99 0.51 0.00	25.34 0.70 0.00	24.43 0.75 0.00	25.90 0.80 0.00	38.54 1.48 0.00	43.18 1.73 0.00	28.92 1.01 0.00	28.45 0.64 0.00	29.00 0.51 0.00	25.85 0.46 0.00	22.36 0.32 -0.11	22.56 0.35 0.00	22.75 0.38 0.00	23.06 0.51 0.00	27.36 0.91 0.00	41.61 1.74 0.00	56.09 2.24 0.00	63.52 2.65 0.00	77.95 3.36 0.00	46.46 1.86 0.00	39.00 1.49 0.00	33.83 1.15 0.00
GARDENVILLE___LBMP 24039	29.39 0.51 0.00	23.79 0.37 0.00	18.79 0.31 0.00	25.14 0.50 0.00	24.17 0.49 0.00	25.58 0.48 0.00	36.77 -0.28 0.00	40.77 -0.68 0.00	27.70 -0.21 0.00	28.05 0.24 0.00	29.06 0.57 0.00	25.82 0.44 0.00	22.48 0.62 0.08	22.55 0.34 0.00	22.65 0.27 0.00	22.62 0.08 0.00	25.84 -0.61 0.00	38.22 -1.66 0.00	52.29 -1.56 0.00	58.06 -2.81 0.00	70.81 -3.78 0.00	42.42 -2.18 0.00	36.01 -1.51 0.00	32.24 -0.44 0.00
GARDNVLA_35_KV_LD 355827	29.56 0.68 0.00	23.93 0.50 0.00	18.89 0.41 0.00	25.27 0.63 0.00	24.30 0.63 0.00	25.73 0.63 0.00	37.03 -0.03 0.00	41.07 -0.37 0.00	27.89 -0.01 0.00	28.28 0.47 0.00	29.30 0.81 0.00	26.02 0.64 0.00	22.64 0.78 0.08	22.72 0.51 0.00	22.82 0.44 0.00	22.81 0.26 0.00	26.08 -0.37 0.00	38.55 -1.33 0.00	52.69 -1.15 0.00	58.53 -2.33 0.00	71.41 -3.18 0.00	42.79 -1.81 0.00	36.29 -1.23 0.00	32.50 -0.18 0.00
GELCKHM___115KV_LOAD 80723	28.49 -0.39 0.00	23.09 -0.33 0.00	18.25 -0.23 0.00	24.30 -0.34 0.00	23.35 -0.32 0.00	24.77 -0.33 0.00	36.57 -0.49 0.00	40.94 -0.51 0.00	27.55 -0.35 0.00	27.39 -0.42 0.00	28.03 -0.45 0.00	24.97 -0.42 0.00	21.61 -0.32 0.00	21.86 -0.35 0.00	22.01 -0.37 0.00	22.18 -0.37 0.00	26.03 -0.43 0.00	39.29 -0.59 0.00	53.18 -0.67 0.00	60.03 -0.83 0.00	73.52 -1.07 0.00	43.90 -0.70 0.00	36.93 -0.58 0.00	32.17 -0.51 0.00
GENERAL___MILLS 23808	29.47 0.60 0.00	23.86 0.44 0.00	18.84 0.36 0.00	25.21 0.57 0.00	24.25 0.57 0.00	25.67 0.57 0.00	36.91 -0.15 0.00	40.91 -0.53 0.00	27.78 -0.12 0.00	28.18 0.37 0.00	29.19 0.71 0.00	25.94 0.55 0.00	22.57 0.71 0.08	22.64 0.43 0.00	22.74 0.36 0.00	22.72 0.17 0.00	25.96 -0.49 0.00	38.35 -1.52 0.00	52.42 -1.43 0.00	58.24 -2.63 0.00	71.04 -3.55 0.00	42.59 -2.02 0.00	36.14 -1.38 0.00	32.38 -0.30 0.00
GE_PLASTICS___DRP 24183	28.88 0.00 0.00	23.49 0.06 0.00	18.53 0.05 0.00	24.69 0.05 0.00	23.73 0.05 0.00	25.09 -0.01 0.00	37.06 0.00 0.00	41.51 0.06 0.00	27.99 0.08 0.00	27.91 0.10 0.00	28.59 0.11 0.00	25.51 0.12 0.00	22.13 0.08 -0.11	22.34 0.13 0.00	22.54 0.16 0.00	22.71 0.16 0.00	26.69 0.25 0.00	40.17 0.29 0.00	53.91 0.07 0.00	61.04 0.17 0.00	74.95 0.36 0.00	44.81 0.20 0.00	37.72 0.20 0.00	32.76 0.08 0.00
GILBOA___1 23756	29.14 0.26 0.00	23.74 0.31 0.00	18.73 0.25 0.00	25.02 0.37 0.00	23.93 0.25 0.00	25.23 0.13 0.00	37.26 0.20 0.00	41.69 0.24 0.00	28.17 0.27 0.00	28.19 0.38 0.00	28.91 0.42 0.00	25.77 0.38 0.00	22.27 0.33 0.00	22.59 0.38 0.00	22.77 0.39 0.00	22.95 0.41 0.00	26.93 0.48 0.00	40.43 0.55 0.00	54.08 0.24 0.00	61.26 0.39 0.00	75.30 0.72 0.00	45.05 0.45 0.00	37.92 0.41 0.00	32.91 0.22 0.00
GILBOA___2 23757	29.14 0.26 0.00	23.74 0.31 0.00	18.73 0.25 0.00	25.02 0.37 0.00	23.93 0.25 0.00	25.23 0.13 0.00	37.26 0.20 0.00	41.69 0.24 0.00	28.17 0.27 0.00	28.19 0.38 0.00	28.91 0.42 0.00	25.77 0.38 0.00	22.27 0.33 0.00	22.59 0.38 0.00	22.77 0.39 0.00	22.95 0.41 0.00	26.93 0.48 0.00	40.43 0.55 0.00	54.08 0.24 0.00	61.26 0.39 0.00	75.30 0.72 0.00	45.05 0.45 0.00	37.92 0.41 0.00	32.91 0.22 0.00
GILBOA___3 23758	29.14 0.26 0.00	23.74 0.31 0.00	18.73 0.25 0.00	25.02 0.37 0.00	23.93 0.25 0.00	25.23 0.13 0.00	37.26 0.20 0.00	41.69 0.24 0.00	28.17 0.27 0.00	28.19 0.38 0.00	28.91 0.42 0.00	25.77 0.38 0.00	22.27 0.33 0.00	22.59 0.38 0.00	22.77 0.39 0.00	22.95 0.41 0.00	26.93 0.48 0.00	40.43 0.55 0.00	54.08 0.24 0.00	61.26 0.39 0.00	75.30 0.72 0.00	45.05 0.45 0.00	37.92 0.41 0.00	32.91 0.22 0.00
GILBOA___4 23759	29.14 0.26 0.00	23.74 0.31 0.00	18.73 0.25 0.00	25.02 0.37 0.00	23.93 0.25 0.00	25.23 0.13 0.00	37.26 0.20 0.00	41.69 0.24 0.00	28.17 0.27 0.00	28.19 0.38 0.00	28.91 0.42 0.00	25.77 0.38 0.00	22.27 0.33 0.00	22.59 0.38 0.00	22.77 0.39 0.00	22.95 0.41 0.00	26.93 0.48 0.00	40.43 0.55 0.00	54.08 0.24 0.00	61.26 0.39 0.00	75.30 0.72 0.00	45.05 0.45 0.00	37.92 0.41 0.00	32.91 0.22 0.00

GILBOA____ 23599	29.14 0.26 0.00	23.74 0.31 0.00	18.73 0.25 0.00	25.02 0.37 0.00	23.93 0.25 0.00	25.24 0.14 0.00	37.26 0.20 0.00	41.69 0.24 0.00	28.17 0.26 0.00	28.19 0.38 0.00	28.91 0.42 0.00	25.77 0.38 0.00	22.27 0.33 0.00	22.59 0.38 0.00	22.77 0.39 0.00	22.95 0.41 0.00	26.93 0.48 0.00	40.43 0.55 0.00	54.08 0.23 0.00	61.26 0.39 0.00	75.34 0.75 0.00	45.05 0.45 0.00	37.92 0.41 0.00	32.91 0.22 0.00
GINNA____ 23603	28.07 -0.81 0.00	22.74 -0.69 0.00	17.96 -0.52 0.00	23.96 -0.68 0.00	23.05 -0.62 0.00	24.49 -0.62 0.00	35.76 -1.30 0.00	39.81 -1.64 0.00	26.84 -1.06 0.00	26.91 -0.90 0.00	27.75 -0.74 0.00	24.71 -0.68 0.00	21.37 -0.52 0.06	21.51 -0.69 0.00	21.60 -0.78 0.00	21.64 -0.91 0.00	25.12 -1.33 0.00	37.72 -2.15 0.00	51.45 -2.40 0.00	57.62 -3.25 0.00	70.33 -4.26 0.00	42.02 -2.58 0.00	35.43 -2.09 0.00	31.30 -1.38 0.00
GLEN PARK____ 23778	29.59 0.72 0.00	24.00 0.58 0.00	19.00 0.53 0.00	25.32 0.68 0.00	24.52 0.84 0.00	26.22 1.11 0.00	39.08 2.02 0.00	43.96 2.52 0.00	28.97 1.06 0.00	27.94 0.13 0.00	28.17 -0.32 0.00	25.04 -0.34 0.00	21.70 -0.24 0.00	21.97 -0.23 0.00	22.10 -0.28 0.00	22.29 -0.26 0.00	26.29 -0.16 0.00	40.89 1.01 0.00	57.02 3.18 0.00	64.90 4.04 0.00	79.13 4.54 0.00	47.24 2.64 0.00	39.58 2.06 0.00	34.46 1.78 0.00
GLENDALE_27_KV_LOAD 356172	30.10 1.22 0.00	24.39 0.96 0.00	19.18 0.70 0.00	25.47 0.83 0.00	24.46 0.78 0.00	25.87 0.77 0.00	38.19 1.14 0.00	42.63 1.18 0.00	29.02 1.12 0.00	29.30 1.49 0.00	30.13 1.64 0.00	26.85 1.46 0.00	23.74 1.31 -0.49	23.64 1.44 0.00	23.83 1.45 0.00	24.04 1.50 0.00	28.09 1.65 0.00	41.80 1.93 0.00	55.69 1.85 0.00	62.97 2.11 0.00	77.11 2.52 0.00	46.26 1.66 0.00	39.06 1.54 0.00	33.73 1.05 0.00
GLENWOOD_IC_1_G5 23712	29.97 1.09 0.00	24.24 0.81 0.00	19.06 0.58 0.00	25.29 0.64 0.00	24.28 0.60 0.00	24.38 0.52 1.25	32.81 0.75 4.99	37.53 0.57 4.48	26.10 0.66 2.47	26.70 0.98 2.09	29.90 1.41 0.00	26.65 1.26 0.00	23.57 1.13 -0.50	23.53 1.31 -0.01	35.64 1.35 -11.91	36.22 1.34 -12.34	38.83 1.47 -10.91	41.23 1.36 0.00	55.01 1.16 0.00	62.14 1.28 0.00	76.47 1.53 -0.35	58.49 1.60 -12.29	45.53 1.40 -6.60	45.12 1.00 -11.43
GLENWOOD_IC_2_G1 23688	29.88 1.00 0.00	24.17 0.74 0.00	19.01 0.53 0.00	25.24 0.59 0.00	24.23 0.55 0.00	25.59 0.48 0.00	37.76 0.70 0.00	42.21 0.76 0.00	28.68 0.77 0.00	28.89 1.08 0.00	29.79 1.31 0.00	26.55 1.17 0.00	23.47 1.04 -0.49	23.40 1.20 0.00	23.93 1.23 -0.32	24.10 1.24 -0.31	28.10 1.36 -0.29	41.36 1.49 0.00	55.21 1.37 0.00	62.39 1.52 0.00	76.39 1.81 0.00	46.11 1.41 -0.10	38.83 1.26 -0.05	33.59 0.88 -0.03
GLENWOOD_IC_3_G1 23689	29.88 1.00 0.00	24.17 0.74 0.00	19.01 0.53 0.00	25.24 0.59 0.00	24.23 0.55 0.00	25.59 0.48 0.00	37.76 0.70 0.00	42.21 0.76 0.00	28.68 0.77 0.00	28.89 1.08 0.00	29.79 1.31 0.00	26.55 1.17 0.00	23.47 1.04 -0.49	23.40 1.20 0.00	23.93 1.23 -0.32	24.10 1.24 -0.31	28.10 1.36 -0.29	41.36 1.49 0.00	55.21 1.37 0.00	62.39 1.52 0.00	76.39 1.81 0.00	46.11 1.41 -0.10	38.83 1.26 -0.05	33.59 0.88 -0.03
GLENWOOD____4 23550	29.97 1.09 0.00	24.24 0.81 0.00	19.06 0.58 0.00	25.29 0.64 0.00	24.28 0.60 0.00	24.38 0.52 1.25	32.82 0.75 4.99	37.63 0.67 4.48	26.17 0.73 2.47	26.77 1.05 2.09	29.90 1.41 0.00	26.65 1.26 0.00	23.57 1.13 -0.50	23.53 1.31 -0.01	35.64 1.35 -11.91	36.22 1.34 -12.34	38.84 1.47 -10.91	41.33 1.46 0.00	55.14 1.29 0.00	62.29 1.42 0.00	76.62 1.68 -0.35	58.49 1.60 -12.29	45.53 1.40 -6.60	45.12 1.00 -11.43
GLENWOOD____5 23614	29.97 1.09 0.00	24.24 0.81 0.00	19.06 0.58 0.00	25.29 0.64 0.00	24.28 0.60 0.00	24.38 0.52 1.25	32.82 0.75 4.99	37.63 0.67 4.48	26.17 0.73 2.47	26.77 1.05 2.09	29.90 1.41 0.00	26.65 1.26 0.00	23.57 1.13 -0.50	23.53 1.31 -0.01	35.64 1.35 -11.91	36.22 1.34 -12.34	38.84 1.47 -10.91	41.33 1.46 0.00	55.14 1.29 0.00	62.29 1.42 0.00	76.62 1.68 -0.35	58.49 1.60 -12.29	45.53 1.40 -6.60	45.12 1.00 -11.43
GLOBAL GREEN_PORT_GT1 23814	26.67 0.12 2.33	23.13 -0.25 0.05	17.75 -0.27 0.47	-17.03 -0.48 41.19	13.32 -0.51 9.84	20.28 -0.64 4.18	19.46 -0.88 16.72	26.16 -0.27 15.01	20.49 0.86 8.28	21.91 1.11 7.01	-57.42 1.51 87.42	-447.62 1.33 474.33	-4.27 1.24 27.44	23.87 1.66 0.00	26.17 1.78 -2.01	25.91 1.59 -1.77	29.93 1.64 -1.84	41.65 1.78 0.00	55.00 1.15 0.00	62.14 1.27 0.00	75.91 1.50 0.18	42.56 1.57 3.61	37.02 1.47 1.97	29.07 1.38 4.98
GLOBE____DSASP 323697	29.09 0.22 0.00	23.57 0.15 0.00	18.63 0.15 0.00	24.94 0.30 0.00	24.00 0.32 0.00	25.41 0.31 0.00	36.34 -0.72 0.00	40.10 -1.35 0.00	27.23 -0.68 0.00	27.76 -0.05 0.00	28.83 0.35 0.00	25.61 0.22 0.00	22.29 0.42 0.07	22.33 0.12 0.00	22.44 0.06 0.00	22.40 -0.15 0.00	25.47 -0.98 0.00	37.25 -2.62 0.00	50.71 -3.14 0.00	56.33 -4.54 0.00	68.68 -5.91 0.00	41.31 -3.29 0.00	35.17 -2.35 0.00	31.91 -0.77 0.00
GOETHSLN____LBMP 323567	29.78 0.90 0.00	24.11 0.69 0.00	18.98 0.50 0.00	25.17 0.53 0.00	24.17 0.49 0.00	25.57 0.47 0.00	37.74 0.68 0.00	42.18 0.73 0.00	28.68 0.78 0.00	28.92 1.11 0.00	29.72 1.24 0.00	26.52 1.13 0.00	23.47 1.04 -0.49	23.38 1.17 0.00	23.55 1.17 0.00	23.77 1.22 0.00	27.78 1.33 0.00	41.39 1.51 0.00	55.27 1.42 0.00	62.42 1.55 0.00	76.40 1.81 0.00	44.33 1.16 1.42	35.92 1.14 2.73	30.61 0.72 2.79
GOLAH____69_KV_TB 1_2 80279	29.64 0.76 0.00	24.09 0.67 0.00	19.07 0.59 0.00	25.46 0.82 0.00	24.53 0.85 0.00	26.04 0.94 0.00	37.86 0.80 0.00	41.93 0.48 0.00	28.24 0.34 0.00	28.36 0.55 0.00	29.29 0.80 0.00	26.10 0.72 0.00	22.66 0.78 0.06	22.74 0.53 0.00	22.81 0.43 0.00	22.78 0.23 0.00	26.24 -0.21 0.00	39.13 -0.74 0.00	53.75 -0.10 0.00	60.16 -0.70 0.00	73.44 -1.15 0.00	43.92 -0.68 0.00	37.08 -0.43 0.00	32.90 0.22 0.00
GOODYEAR_LAKE_HYD 323669	29.57 0.69 0.00	23.96 0.54 0.00	18.90 0.42 0.00	25.20 0.56 0.00	24.10 0.42 0.00	25.53 0.43 0.00	38.07 1.01 0.00	46.23 4.79 0.00	30.29 2.38 0.00	29.37 1.56 0.00	29.81 1.32 0.00	26.50 1.12 0.00	23.06 1.03 -0.10	23.37 1.16 0.00	23.49 1.11 0.00	23.02 0.47 0.00	27.38 0.93 0.00	40.94 1.07 0.00	55.33 1.48 0.00	62.57 1.71 0.00	76.70 2.11 0.00	45.76 1.16 0.00	38.49 0.97 0.00	33.40 0.72 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.99 0.11 0.00	23.46 0.03 0.00	18.51 0.03 0.00	24.71 0.07 0.00	23.70 0.02 0.00	25.10 0.00 0.00	36.91 -0.14 0.00	41.42 -0.03 0.00	27.97 0.07 0.00	27.88 0.07 0.00	28.63 0.15 0.00	25.48 0.09 0.00	21.96 0.16 0.14	22.30 0.09 0.00	22.44 0.05 0.00	22.57 0.02 0.00	26.43 -0.01 0.00	39.68 -0.19 0.00	53.79 -0.06 0.00	60.53 -0.34 0.00	74.16 -0.43 0.00	44.27 -0.33 0.00	37.29 -0.23 0.00	32.50 -0.19 0.00

GOUDEY___7 23579	28.99 0.11 0.00	23.46 0.03 0.00	18.51 0.03 0.00	24.71 0.07 0.00	23.70 0.02 0.00	25.10 0.00 0.00	36.91 -0.14 0.00	41.42 -0.03 0.00	27.97 0.07 0.00	27.88 0.07 0.00	28.63 0.15 0.00	25.48 0.09 0.00	21.96 0.16 0.14	22.30 0.09 0.00	22.44 0.05 0.00	22.57 0.02 0.00	26.43 -0.01 0.00	39.68 -0.19 0.00	53.79 -0.06 0.00	60.53 -0.34 0.00	74.16 -0.43 0.00	44.27 -0.33 0.00	37.29 -0.23 0.00	32.50 -0.19 0.00
GOUDEY___8 23580	28.99 0.11 0.00	23.46 0.03 0.00	18.51 0.03 0.00	24.71 0.07 0.00	23.70 0.02 0.00	25.10 0.00 0.00	36.91 -0.14 0.00	41.42 -0.03 0.00	27.97 0.07 0.00	27.88 0.07 0.00	28.63 0.15 0.00	25.48 0.09 0.00	21.96 0.16 0.14	22.30 0.09 0.00	22.44 0.05 0.00	22.57 0.02 0.00	26.43 -0.01 0.00	39.68 -0.19 0.00	53.79 -0.06 0.00	60.53 -0.34 0.00	74.16 -0.43 0.00	44.27 -0.33 0.00	37.29 -0.23 0.00	32.50 -0.19 0.00
GOWANUS_GT1_1 24077	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT1_2 24078	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT1_3 24079	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT1_4 24080	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT1_5 24084	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT1_6 24111	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00															

GOWANUS_GT2_6 24119	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT2_7 24120	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT2_8 24121	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT3_1 24122	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT3_2 24123	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT3_3 24124	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT3_4 24125	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT3_5 24126	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT3_6 24127	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT3_7 24128	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT3_8 24129	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
GOWANUS_GT4_1 24130	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT4_2 24131	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT4_3 24132	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT4_4 24133	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00

GOWANUS_GT4_5 24134	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT4_6 24135	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT4_7 24136	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GOWANUS_GT4_8 24137	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GREATVRV_69_KV_BK1 356245	29.06 1.24 1.06	24.24 0.83 0.02	18.85 0.59 0.21	6.50 0.65 18.79	19.73 0.55 4.49	21.40 0.25 3.95	21.63 0.37 15.80	27.76 0.50 14.19	20.68 0.60 7.82	22.11 0.92 6.62	-9.87 1.52 39.88	-189.68 1.31 216.38	10.87 1.19 12.25	23.60 1.40 0.00	27.00 1.43 -3.19	27.04 1.44 -3.05	30.96 1.58 -2.92	41.47 1.60 0.00	55.10 1.26 0.00	62.32 1.45 0.00	76.26 1.78 0.10	44.95 1.71 1.37	38.36 1.60 0.76	31.28 1.20 2.60
GREENBSH_115KV_TB3 55895	28.71 -0.16 0.00	23.37 -0.06 0.00	18.43 -0.04 0.00	24.56 -0.08 0.00	23.61 -0.07 0.00	24.97 -0.13 0.00	36.88 -0.17 0.00	41.33 -0.12 0.00	27.87 -0.04 0.00	27.78 -0.03 0.00	28.44 -0.04 0.00	25.39 0.01 0.00	22.03 -0.02 -0.11	22.24 0.03 0.00	22.43 0.05 0.00	22.60 0.06 0.00	26.61 0.16 0.00	40.03 0.15 0.00	53.66 -0.19 0.00	60.78 -0.09 0.00	74.66 0.07 0.00	44.60 0.00 0.00	37.57 0.05 0.00	32.62 -0.06 0.00
GREENDGE_115KV_TB5 80291	29.22 0.35 0.00	23.62 0.20 0.00	18.65 0.17 0.00	24.91 0.27 0.00	23.93 0.26 0.00	25.41 0.31 0.00	37.15 0.10 0.00	41.42 -0.03 0.00	28.06 0.16 0.00	27.85 0.04 0.00	28.58 0.09 0.00	25.35 -0.03 0.00	21.96 0.11 0.09	22.17 -0.03 0.00	22.28 -0.10 0.00	22.36 -0.19 0.00	26.09 -0.36 0.00	39.16 -0.72 0.00	53.69 -0.16 0.00	60.24 -0.63 0.00	73.57 -1.02 0.00	43.91 -0.69 0.00	37.24 -0.28 0.00	32.64 -0.04 0.00
GREENIDGE___3 23582	29.22 0.35 0.00	23.62 0.20 0.00	18.65 0.17 0.00	24.91 0.27 0.00	23.93 0.26 0.00	25.41 0.31 0.00	37.15 0.10 0.00	41.42 -0.03 0.00	28.06 0.16 0.00	27.85 0.04 0.00	28.58 0.09 0.00	25.35 -0.03 0.00	21.96 0.11 0.09	22.17 -0.03 0.00	22.28 -0.10 0.00	22.36 -0.19 0.00	26.09 -0.36 0.00	39.16 -0.72 0.00	53.69 -0.16 0.00	60.24 -0.63 0.00	73.57 -1.02 0.00	43.91 -0.69 0.00	37.24 -0.28 0.00	32.64 -0.04 0.00
GREENIDGE___4 23583	29.22 0.35 0.00	23.62 0.20 0.00	18.65 0.17 0.00	24.91 0.26 0.00	23.94 0.26 0.00	25.42 0.32 0.00	37.16 0.10 0.00	41.41 -0.04 0.00	28.06 0.15 0.00	27.85 0.04 0.00	28.58 0.09 0.00	25.35 -0.03 0.00	21.96 0.11 0.09	22.17 -0.03 0.00	22.28 -0.10 0.00	22.36 -0.19 0.00	26.10 -0.36 0.00	39.16 -0.72 0.00	53.69 -0.16 0.00	60.25 -0.62 0.00	73.54 -1.05 0.00	43.92 -0.68 0.00	37.24 -0.27 0.00	32.64 -0.04 0.00
GREENLWN_69_KV_BK 3 55738	29.85 0.67 -0.30	23.89 0.46 -0.01	18.80 0.27 -0.06	30.08 0.10 -5.34	25.07 0.12 -1.28	21.04 -0.05 4.02	20.84 -0.15 16.07	26.87 -0.14 14.43	20.14 0.19 7.96	21.62 0.54 6.73	40.72 0.90 -11.33	87.63 0.78 -61.47	26.80 0.76 -4.11	23.30 1.09 0.00	26.31 1.17 -2.76	26.20 1.07 -2.58	30.07 1.09 -2.53	40.57 0.70 0.00	53.95 0.10 0.00	61.03 0.16 0.00	74.59 0.14 0.13	43.28 0.90 2.23	37.25 0.95 1.22	29.88 0.73 3.52
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00
GRISSOM___SOLAR 323813	29.51 0.64 0.00	23.95 0.52 0.00	18.87 0.39 0.00	25.18 0.53 0.00	24.18 0.50 0.00	25.71 0.61 0.00	38.21 1.15 0.00	43.51 2.07 0.00	28.57 0.66 0.00	27.48 -0.33 0.00	27.98 -0.51 0.00	24.92 -0.47 0.00	21.68 -0.36 -0.10	21.87 -0.33 0.00	22.01 -0.37 0.00	22.08 -0.47 0.00	26.18 -0.27 0.00	40.40 0.53 0.00	55.48 1.64 0.00	62.88 2.01 0.00	77.08 2.49 0.00	46.00 1.40 0.00	38.63 1.11 0.00	33.56 0.88 0.00
GROVEVILLE___HYD 323602	29.96 1.08 0.00	24.27 0.85 0.00	19.11 0.63 0.00	25.41 0.76 0.00	24.39 0.72 0.00	25.82 0.72 0.00	38.17 1.12 0.00	42.72 1.27 0.00	28.95 1.04 0.00	29.05 1.23 0.00	29.80 1.31 0.00	26.53 1.15 0.00	22.94 1.00 0.00	23.30 1.09 0.00	23.50 1.12 0.00	23.73 1.19 0.00	27.84 1.39 0.00	41.73 1.85 0.00	55.89 2.05 0.00	63.16 2.29 0.00	77.41 2.82 0.00	46.31 1.71 0.00	38.97 1.46 0.00	33.67 0.99 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.66 -0.22 0.00	23.23 -0.19 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.49 -0.19 0.00	24.92 -0.18 0.00	36.80 -0.26 0.00	41.20 -0.25 0.00	27.72 -0.19 0.00	27.55 -0.27 0.00	28.18 -0.31 0.00	25.09 -0.30 0.00	21.72 -0.22 0.00	21.97 -0.24 0.00	22.12 -0.26 0.00	22.29 -0.26 0.00	26.16 -0.28 0.00	39.53 -0.34 0.00	53.56 -0.28 0.00	60.46 -0.41 0.00	74.04 -0.55 0.00	44.18 -0.42 0.00	37.17 -0.35 0.00	32.36 -0.32 0.00
HAMLTNNY_34_KV_TB 80303	28.84 -0.04 0.00	23.38 -0.04 0.00	18.47 -0.01 0.00	24.61 -0.03 0.00	23.63 -0.05 0.00	25.08 -0.02 0.00	36.98 -0.08 0.00	41.36 -0.08 0.00	27.83 -0.08 0.00	27.64 -0.18 0.00	28.27 -0.21 0.00	25.16 -0.22 0.00	21.79 -0.15 0.00	22.02 -0.19 0.00	22.17 -0.21 0.00	22.32 -0.23 0.00	26.15 -0.30 0.00	39.54 -0.33 0.00	53.71 -0.14 0.00	60.64 -0.22 0.00	74.25 -0.34 0.00	44.26 -0.34 0.00	37.26 -0.25 0.00	32.52 -0.17 0.00

HAMPSHIRE___PAPER_HYD 323593	29.59 0.71 0.00	23.99 0.56 0.00	18.93 0.45 0.00	25.26 0.62 0.00	24.41 0.73 0.00	26.03 0.92 0.00	38.65 1.60 0.00	43.31 1.86 0.00	28.78 0.87 0.00	28.19 0.37 0.00	28.66 0.18 0.00	25.53 0.14 0.00	22.06 0.12 0.00	22.30 0.09 0.00	22.43 0.05 0.00	22.56 0.01 0.00	26.50 0.05 0.00	40.61 0.73 0.00	55.68 1.84 0.00	63.23 2.36 0.00	77.42 2.83 0.00	46.52 1.92 0.00	39.11 1.59 0.00	34.12 1.44 0.00
HARDSCRABBLE_WT_PWR 323673	29.87 0.99 0.00	24.24 0.81 0.00	19.12 0.64 0.00	25.47 0.83 0.00	24.51 0.83 0.00	25.99 0.89 0.00	38.57 1.51 0.00	43.20 1.75 0.00	28.66 0.76 0.00	28.20 0.39 0.00	28.75 0.27 0.00	25.56 0.17 0.00	22.11 0.17 0.00	22.41 0.20 0.00	22.57 0.18 0.00	22.74 0.20 0.00	26.96 0.51 0.00	41.26 1.39 0.00	56.24 2.40 0.00	63.55 2.68 0.00	77.96 3.38 0.00	46.78 2.18 0.00	39.33 1.82 0.00	34.04 1.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.82 0.94 0.00	24.15 0.72 0.00	19.00 0.53 0.00	25.26 0.61 0.00	24.25 0.57 0.00	25.68 0.58 0.00	37.92 0.87 0.00	42.42 0.98 0.00	28.77 0.87 0.00	28.88 1.07 0.00	29.63 1.15 0.00	26.40 1.02 0.00	21.63 0.89 1.20	23.20 0.99 0.00	23.39 1.01 0.00	23.62 1.07 0.00	27.67 1.22 0.00	41.45 1.58 0.00	55.62 1.77 0.00	62.78 1.91 0.00	76.93 2.34 0.00	46.02 1.42 0.00	38.74 1.22 0.00	33.42 0.73 0.00
HARSNRAD_115KV_TB1 81005	29.35 0.47 0.00	23.78 0.36 0.00	18.78 0.31 0.00	25.14 0.50 0.00	24.19 0.51 0.00	25.57 0.47 0.00	36.62 -0.44 0.00	40.44 -1.01 0.00	27.48 -0.43 0.00	27.92 0.11 0.00	28.96 0.48 0.00	25.78 0.40 0.00	22.43 0.57 0.07	22.47 0.27 0.00	22.57 0.19 0.00	22.52 -0.03 0.00	25.56 -0.89 0.00	37.64 -2.23 0.00	51.56 -2.28 0.00	57.33 -3.54 0.00	69.89 -4.70 0.00	42.00 -2.60 0.00	35.78 -1.74 0.00	32.22 -0.46 0.00
HARZA MOOSE___RIVER 24016	29.32 0.44 0.00	23.79 0.36 0.00	18.81 0.33 0.00	25.08 0.44 0.00	24.22 0.54 0.00	25.79 0.69 0.00	38.28 1.22 0.00	42.95 1.50 0.00	28.64 0.74 0.00	28.07 0.25 0.00	28.59 0.11 0.00	25.41 0.03 0.00	21.98 0.04 0.00	22.27 0.07 0.00	22.46 0.08 0.00	22.64 0.09 0.00	26.68 0.24 0.00	40.82 0.95 0.00	55.86 2.01 0.00	63.26 2.40 0.00	77.41 2.83 0.00	46.29 1.69 0.00	38.87 1.35 0.00	33.79 1.11 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.50 -0.37 0.00	23.11 -0.31 0.00	18.26 -0.22 0.00	24.31 -0.33 0.00	23.36 -0.32 0.00	24.78 -0.33 0.00	36.58 -0.48 0.00	40.96 -0.49 0.00	27.58 -0.33 0.00	27.41 -0.41 0.00	28.06 -0.43 0.00	24.99 -0.39 0.00	21.64 -0.30 0.00	21.88 -0.32 0.00	22.04 -0.34 0.00	22.20 -0.35 0.00	26.05 -0.40 0.00	39.26 -0.62 0.00	53.12 -0.73 0.00	59.97 -0.90 0.00	73.45 -1.14 0.00	43.85 -0.75 0.00	36.89 -0.62 0.00	32.14 -0.55 0.00
HELLGATE_13_KV_LD 55870	30.15 1.28 0.00	24.44 1.01 0.00	19.22 0.74 0.00	25.52 0.88 0.00	24.51 0.83 0.00	25.93 0.83 0.00	38.26 1.20 0.00	42.71 1.26 0.00	29.08 1.18 0.00	29.34 1.53 0.00	30.19 1.71 0.00	26.91 1.52 0.00	23.80 1.37 -0.49	23.70 1.49 0.00	23.89 1.51 0.00	24.10 1.56 0.00	28.16 1.71 0.00	41.86 1.98 0.00	55.76 1.92 0.00	63.04 2.17 0.00	77.18 2.59 0.00	46.32 1.72 0.00	39.12 1.61 0.00	33.79 1.11 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.15 1.28 0.00	24.44 1.01 0.00	19.22 0.74 0.00	25.52 0.88 0.00	24.51 0.83 0.00	25.93 0.83 0.00	38.26 1.20 0.00	42.71 1.26 0.00	29.08 1.18 0.00	29.34 1.53 0.00	30.19 1.71 0.00	26.91 1.52 0.00	23.80 1.37 -0.49	23.70 1.49 0.00	23.89 1.51 0.00	24.10 1.56 0.00	28.16 1.71 0.00	41.86 1.98 0.00	55.76 1.92 0.00	63.04 2.17 0.00	77.18 2.59 0.00	46.32 1.72 0.00	39.12 1.61 0.00	33.79 1.11 0.00
HEMPSTEAD___ 23647	29.77 0.89 0.00	24.05 0.62 0.00	18.90 0.42 0.00	25.06 0.42 0.00	24.06 0.39 0.00	23.46 0.24 1.88	29.83 0.31 7.53	34.99 0.31 6.77	24.68 0.50 3.73	25.48 0.83 3.16	29.65 1.17 0.00	26.42 1.04 0.00	23.39 0.95 -0.50	23.38 1.16 -0.01	35.88 1.22 -12.28	36.58 1.18 -12.86	39.00 1.29 -11.26	41.03 1.15 0.00	54.67 0.82 0.00	61.81 0.94 0.00	76.14 1.09 -0.46	60.91 1.28 -15.03	46.74 1.13 -8.09	48.14 0.80 -14.66
HICKLING___1 23621	29.11 0.23 0.00	23.51 0.08 0.00	18.55 0.07 0.00	24.81 0.17 0.00	23.83 0.15 0.00	25.28 0.18 0.00	37.00 -0.06 0.00	41.40 -0.05 0.00	27.98 0.08 0.00	27.85 0.04 0.00	28.65 0.17 0.00	25.44 0.05 0.00	22.06 0.24 0.11	22.27 0.06 0.00	22.36 -0.02 0.00	22.46 -0.09 0.00	26.23 -0.22 0.00	39.34 -0.53 0.00	53.76 -0.08 0.00	60.12 -0.75 0.00	73.49 -1.10 0.00	43.79 -0.81 0.00	36.94 -0.57 0.00	32.31 -0.37 0.00
HICKLING___2 23622	29.11 0.23 0.00	23.51 0.08 0.00	18.55 0.07 0.00	24.81 0.17 0.00	23.83 0.15 0.00	25.28 0.18 0.00	37.00 -0.06 0.00	41.40 -0.05 0.00	27.98 0.08 0.00	27.85 0.04 0.00	28.65 0.17 0.00	25.44 0.05 0.00	22.06 0.24 0.11	22.27 0.06 0.00	22.36 -0.02 0.00	22.46 -0.09 0.00	26.23 -0.22 0.00	39.34 -0.53 0.00	53.76 -0.08 0.00	60.12 -0.75 0.00	73.49 -1.10 0.00	43.79 -0.81 0.00	36.94 -0.57 0.00	32.31 -0.37 0.00
HIGH FALLS___HY 23754	29.96 1.08 0.00	24.25 0.82 0.00	19.08 0.60 0.00	25.35 0.71 0.00	24.33 0.65 0.00	25.76 0.66 0.00	38.08 1.02 0.00	42.63 1.18 0.00	28.93 1.03 0.00	29.01 1.19 0.00	29.65 1.16 0.00	26.36 0.98 0.00	22.66 0.86 0.14	23.16 0.95 0.00	23.35 0.97 0.00	23.58 1.04 0.00	27.70 1.25 0.00	41.59 1.72 0.00	55.92 2.08 0.00	63.20 2.33 0.00	77.44 2.85 0.00	46.32 1.72 0.00	38.95 1.43 0.00	33.61 0.93 0.00
HIGH_RIVER___SOLAR 323847	29.42 0.54 0.00	23.87 0.45 0.00	18.82 0.34 0.00	25.11 0.47 0.00	24.11 0.43 0.00	25.61 0.51 0.00	37.99 0.93 0.00	43.08 1.64 0.00	28.35 0.44 0.00	27.72 -0.09 0.00	28.28 -0.20 0.00	25.18 -0.21 0.00	21.87 -0.17 -0.10	22.10 -0.11 0.00	22.26 -0.12 0.00	22.33 -0.22 0.00	26.35 -0.09 0.00	40.22 0.35 0.00	55.22 1.37 0.00	62.58 1.71 0.00	76.71 2.12 0.00	45.78 1.18 0.00	38.46 0.94 0.00	33.42 0.74 0.00
HILLBURN___GT 23639	29.76 0.88 0.00	24.09 0.66 0.00	18.96 0.48 0.00	25.19 0.55 0.00	24.18 0.50 0.00	25.61 0.50 0.00	37.81 0.75 0.00	42.30 0.85 0.00	28.72 0.82 0.00	28.89 1.08 0.00	29.65 1.16 0.00	26.43 1.05 0.00	21.58 0.91 1.27	23.22 1.01 0.00	23.41 1.04 0.00	23.63 1.08 0.00	27.65 1.20 0.00	41.36 1.49 0.00	55.46 1.61 0.00	62.53 1.66 0.00	76.59 2.00 0.00	45.86 1.25 0.00	38.61 1.10 0.00	33.30 0.62 0.00
HILLSIDE_115KV_TB1 80332	28.71 -0.17 0.00	23.16 -0.26 0.00	18.28 -0.20 0.00	24.45 -0.19 0.00	23.45 -0.23 0.00	24.86 -0.24 0.00	36.41 -0.65 0.00	40.81 -0.64 0.00	27.62 -0.29 0.00	27.55 -0.26 0.00	28.39 -0.09 0.00	25.21 -0.17 0.00	21.83 0.01 0.12	22.05 -0.16 0.00	22.14 -0.23 0.00	22.25 -0.30 0.00	25.97 -0.47 0.00	38.87 -1.00 0.00	53.00 -0.85 0.00	59.37 -1.50 0.00	72.65 -1.94 0.00	43.28 -1.32 0.00	36.52 -0.99 0.00	31.91 -0.78 0.00

HISHELDN_WT_PWR 323625	29.19 0.31 0.00	23.65 0.23 0.00	18.67 0.20 0.00	24.97 0.33 0.00	24.01 0.33 0.00	25.40 0.30 0.00	36.62 -0.44 0.00	40.65 -0.80 0.00	27.56 -0.35 0.00	27.72 -0.09 0.00	28.64 0.16 0.00	25.49 0.10 0.00	22.20 0.34 0.08	22.30 0.09 0.00	22.40 0.02 0.00	22.39 -0.16 0.00	25.70 -0.75 0.00	38.22 -1.66 0.00	52.38 -1.47 0.00	58.14 -2.72 0.00	70.78 -3.81 0.00	42.38 -2.22 0.00	35.91 -1.61 0.00	32.00 -0.68 0.00
HOLTSVILLE_IC_1 23690	27.14 0.59 2.34	23.72 0.35 0.05	18.20 0.19 0.47	-16.64 0.09 41.37	13.84 0.05 9.89	20.75 -0.15 4.20	20.05 -0.23 16.77	26.23 -0.16 15.06	19.80 0.20 8.31	21.30 0.52 7.03	-58.35 0.97 87.80	-450.15 0.86 476.39	-4.80 0.82 27.57	23.36 1.16 0.00	25.56 1.24 -1.94	25.40 1.16 -1.70	29.46 1.23 -1.78	40.86 0.99 0.00	54.07 0.23 0.00	61.18 0.31 0.00	74.74 0.34 0.18	41.82 0.96 3.74	36.42 0.94 2.04	28.37 0.81 5.13
HOLTSVILLE_IC_10 23699	27.34 0.71 2.24	23.82 0.44 0.05	18.29 0.26 0.45	-14.92 0.18 39.75	14.32 0.14 9.50	20.91 -0.05 4.14	20.45 -0.08 16.53	26.61 0.01 14.85	20.03 0.31 8.19	21.51 0.63 6.93	-54.81 1.08 84.37	-431.44 0.94 457.76	-3.64 0.89 26.47	23.42 1.22 0.00	25.93 1.31 -2.24	25.81 1.24 -2.02	29.85 1.35 -2.05	41.06 1.19 0.00	54.36 0.52 0.00	61.52 0.65 0.00	75.16 0.73 0.16	42.61 1.19 3.18	36.90 1.12 1.73	29.11 0.95 4.52
HOLTSVILLE_IC_2 23691	27.14 0.59 2.34	23.72 0.35 0.05	18.20 0.19 0.47	-16.64 0.09 41.37	13.84 0.05 9.89	20.75 -0.15 4.20	20.05 -0.23 16.77	26.23 -0.16 15.06	19.80 0.20 8.31	21.30 0.52 7.03	-58.35 0.97 87.80	-450.15 0.86 476.39	-4.80 0.82 27.57	23.36 1.16 0.00	25.56 1.24 -1.94	25.40 1.16 -1.70	29.46 1.23 -1.78	40.86 0.99 0.00	54.07 0.23 0.00	61.18 0.31 0.00	74.74 0.34 0.18	41.82 0.96 3.74	36.42 0.94 2.04	28.37 0.81 5.13
HOLTSVILLE_IC_3 23692	27.14 0.59 2.34	23.72 0.35 0.05	18.20 0.19 0.47	-16.64 0.09 41.37	13.84 0.05 9.89	20.75 -0.15 4.20	20.05 -0.23 16.77	26.23 -0.16 15.06	19.80 0.20 8.31	21.30 0.52 7.03	-58.35 0.97 87.80	-450.15 0.86 476.39	-4.80 0.82 27.57	23.36 1.16 0.00	25.56 1.24 -1.94	25.40 1.16 -1.70	29.46 1.23 -1.78	40.86 0.99 0.00	54.07 0.23 0.00	61.18 0.31 0.00	74.74 0.34 0.18	41.82 0.96 3.74	36.42 0.94 2.04	28.37 0.81 5.13
HOLTSVILLE_IC_4 23693	27.14 0.59 2.34	23.72 0.35 0.05	18.20 0.19 0.47	-16.64 0.09 41.37	13.84 0.05 9.89	20.75 -0.15 4.20	20.05 -0.23 16.77	26.23 -0.16 15.06	19.80 0.20 8.31	21.30 0.52 7.03	-58.35 0.97 87.80	-450.15 0.86 476.39	-4.80 0.82 27.57	23.36 1.16 0.00	25.56 1.24 -1.94	25.40 1.16 -1.70	29.46 1.23 -1.78	40.86 0.99 0.00	54.07 0.23 0.00	61.18 0.31 0.00	74.74 0.34 0.18	41.82 0.96 3.74	36.42 0.94 2.04	28.37 0.81 5.13
HOLTSVILLE_IC_5 23694	27.14 0.59 2.34	23.72 0.35 0.05	18.20 0.19 0.47	-16.64 0.09 41.37	13.84 0.05 9.89	20.75 -0.15 4.20	20.05 -0.23 16.77	26.23 -0.16 15.06	19.80 0.20 8.31	21.30 0.52 7.03	-58.35 0.97 87.80	-450.15 0.86 476.39	-4.80 0.82 27.57	23.36 1.16 0.00	25.56 1.24 -1.94	25.40 1.16 -1.70	29.46 1.23 -1.78	40.86 0.99 0.00	54.07 0.23 0.00	61.18 0.31 0.00	74.74 0.34 0.18	41.82 0.96 3.74	36.42 0.94 2.04	28.37 0.81 5.13
HOLTSVILLE_IC_6 23695	27.34 0.71 2.24	23.82 0.44 0.05	18.29 0.26 0.45	-14.92 0.18 39.75	14.32 0.14 9.50	20.91 -0.05 4.14	20.45 -0.08 16.53	26.61 0.01 14.85	20.03 0.31 8.19	21.51 0.63 6.93	-54.81 1.08 84.37	-431.44 0.94 457.76	-3.64 0.89 26.47	23.42 1.22 0.00	25.93 1.31 -2.24	25.81 1.24 -2.02	29.85 1.35 -2.05	41.06 1.19 0.00	54.36 0.52 0.00	61.52 0.65 0.00	75.16 0.73 0.16	42.61 1.19 3.18	36.90 1.12 1.73	29.11 0.95 4.52
HOLTSVILLE_IC_7 23696	27.34 0.71 2.24	23.82 0.44 0.05	18.29 0.26 0.45	-14.92 0.18 39.75	14.32 0.14 9.50	20.91 -0.05 4.14	20.45 -0.08 16.53	26.61 0.01 14.85	20.03 0.31 8.19	21.51 0.63 6.93	-54.81 1.08 84.37	-431.44 0.94 457.76	-3.64 0.89 26.47	23.42 1.22 0.00	25.93 1.31 -2.24	25.81 1.24 -2.02	29.85 1.35 -2.05	41.06 1.19 0.00	54.36 0.52 0.00	61.52 0.65 0.00	75.16 0.73 0.16	42.61 1.19 3.18	36.90 1.12 1.73	29.11 0.95 4.52
HOLTSVILLE_IC_8 23697	27.34 0.71 2.24	23.82 0.44 0.05	18.29 0.26 0.45	-14.92 0.18 39.75	14.32 0.14 9.50	20.91 -0.05 4.14	20.45 -0.08 16.53	26.61 0.01 14.85	20.03 0.31 8.19	21.51 0.63 6.93	-54.81 1.08 84.37	-431.44 0.94 457.76	-3.64 0.89 26.47	23.42 1.22 0.00	25.93 1.31 -2.24	25.81 1.24 -2.02	29.85 1.35 -2.05	41.06 1.19 0.00	54.36 0.52 0.00	61.52 0.65 0.00	75.16 0.73 0.16	42.61 1.19 3.18	36.90 1.12 1.73	29.11 0.95 4.52
HOLTSVILLE_IC_9 23698	27.34 0.71 2.24	23.82 0.44 0.05	18.29 0.26 0.45	-14.92 0.18 39.75	14.32 0.14 9.50	20.91 -0.05 4.14	20.45 -0.08 16.53	26.61 0.01 14.85	20.03 0.31 8.19	21.51 0.63 6.93	-54.81 1.08 84.37	-431.44 0.94 457.76	-3.64 0.89 26.47	23.42 1.22 0.00	25.93 1.31 -2.24	25.81 1.24 -2.02	29.85 1.35 -2.05	41.06 1.19 0.00	54.36 0.52 0.00	61.52 0.65 0.00	75.16 0.73 0.16	42.61 1.19 3.18	36.90 1.12 1.73	29.11 0.95 4.52
HOMER_HL_115KV_TB2 355744	29.42 0.54 0.00	23.76 0.33 0.00	18.78 0.30 0.00	25.11 0.47 0.00	24.02 0.34 0.00	25.37 0.27 0.00	36.68 -0.37 0.00	41.00 -0.45 0.00	28.01 0.11 0.00	28.39 0.58 0.00	29.33 0.84 0.00	26.04 0.66 0.00	22.61 0.75 0.08	22.73 0.52 0.00	22.84 0.46 0.00	22.71 0.16 0.00	26.03 -0.41 0.00	38.60 -1.28 0.00	52.88 -0.97 0.00	58.75 -2.12 0.00	71.79 -2.80 0.00	42.96 -1.64 0.00	36.40 -1.12 0.00	32.22 -0.46 0.00
HOWARD_WT_PWR 323690	28.95 0.08 0.00	23.46 0.03 0.00	18.44 -0.04 0.00	24.72 0.08 0.00	23.85 0.17 0.00	25.29 0.19 0.00	36.81 -0.25 0.00	41.11 -0.34 0.00	27.75 -0.15 0.00	27.43 -0.38 0.00	28.10 -0.39 0.00	25.03 -0.36 0.00	21.87 0.02 0.09	22.03 -0.18 0.00	22.14 -0.24 0.00	22.20 -0.34 0.00	25.83 -0.62 0.00	38.86 -1.02 0.00	53.41 -0.44 0.00	59.19 -1.68 0.00	72.03 -2.56 0.00	42.83 -1.77 0.00	36.12 -1.40 0.00	31.75 -0.93 0.00
HQ_GEN_CEDARS 23644	29.67 0.79 0.00	24.03 0.60 0.00	18.92 0.44 0.00	25.26 0.62 0.00	24.31 0.64 0.00	25.83 0.73 0.00	38.15 1.09 0.00	42.58 1.14 0.00	28.54 0.63 0.00	28.41 0.60 0.00	29.09 0.60 0.00	25.93 0.55 0.00	22.38 0.44 0.00	22.60 0.40 0.00	22.78 0.40 0.00	22.92 0.37 0.00	26.84 0.39 0.00	40.58 0.70 0.00	55.10 1.25 0.00	62.34 1.47 0.00	76.29 1.70 0.00	45.72 1.12 0.00	38.43 0.91 0.00	33.62 0.94 0.00
HQ_GEN_CEDARS_PROXY 323590	29.66 0.79 0.00	24.02 0.60 0.00	18.92 0.44 0.00	25.26 0.62 0.00	24.31 0.63 0.00	25.83 0.73 0.00	38.15 1.09 0.00	42.58 1.14 0.00	28.54 0.63 0.00	28.41 0.60 0.00	29.09 0.60 0.00	25.93 0.55 0.00	22.38 0.44 0.00	22.60 0.40 0.00	22.78 0.40 0.00	22.92 0.37 0.00	26.84 0.39 0.00	40.58 0.70 0.00	55.09 1.25 0.00	62.33 1.46 0.00	76.32 1.74 0.00	45.72 1.12 0.00	38.43 0.91 0.00	31.07 0.94 2.55

HQ_GEN_IMPORT 323601	29.21 0.33 0.00	23.68 0.25 0.00	18.65 0.17 0.00	24.90 0.25 0.00	23.94 0.26 0.00	25.41 0.31 0.00	37.51 0.45 0.00	41.92 0.47 0.00	28.18 0.27 0.00	28.11 0.30 0.00	28.79 0.30 0.00	25.66 0.27 0.00	22.16 0.22 0.00	22.41 0.20 0.00	22.58 0.20 0.00	22.75 0.20 0.00	26.66 0.21 0.00	39.97 0.33 0.24	54.41 0.57 0.00	61.54 0.67 0.00	75.32 0.74 0.00	45.08 0.48 0.00	37.90 0.38 0.00	33.09 0.41 0.00
HQ_GEN_WHEEL 23651	29.21 0.33 0.00	23.68 0.25 0.00	18.65 0.17 0.00	24.90 0.25 0.00	23.94 0.26 0.00	25.41 0.31 0.00	37.51 0.45 0.00	41.92 0.47 0.00	28.18 0.27 0.00	28.11 0.30 0.00	28.79 0.30 0.00	25.66 0.27 0.00	22.16 0.22 0.00	22.41 0.20 0.00	22.58 0.20 0.00	22.75 0.20 0.00	26.66 0.21 0.00	39.97 0.33 0.24	54.41 0.57 0.00	61.54 0.67 0.00	75.32 0.74 0.00	45.08 0.48 0.00	37.90 0.38 0.00	33.09 0.41 0.00
HUDSON AVE_GT_3 23810	29.98 1.10 0.00	24.27 0.84 0.00	19.09 0.62 0.00	25.35 0.71 0.00	24.34 0.66 0.00	25.75 0.65 0.00	38.02 0.96 0.00	42.50 1.05 0.00	28.88 0.97 0.00	29.13 1.32 0.00	29.95 1.46 0.00	26.71 1.32 0.00	23.61 1.18 -0.49	23.51 1.31 0.00	23.70 1.32 0.00	23.91 1.37 0.00	27.96 1.51 0.00	41.67 1.79 0.00	55.60 1.75 0.00	62.78 1.92 0.00	76.90 2.31 0.00	46.10 1.50 0.00	38.92 1.40 0.00	33.61 0.93 0.00
HUDSON AVE_GT_4 23540	29.98 1.10 0.00	24.27 0.84 0.00	19.09 0.62 0.00	25.35 0.71 0.00	24.34 0.66 0.00	25.75 0.65 0.00	38.02 0.96 0.00	42.50 1.05 0.00	28.88 0.97 0.00	29.13 1.32 0.00	29.95 1.46 0.00	26.71 1.32 0.00	23.61 1.18 -0.49	23.51 1.31 0.00	23.70 1.32 0.00	23.91 1.37 0.00	27.96 1.51 0.00	41.67 1.79 0.00	55.60 1.75 0.00	62.78 1.92 0.00	76.90 2.31 0.00	46.10 1.50 0.00	38.92 1.40 0.00	33.61 0.93 0.00
HUDSON AVE_GT_5 23657	29.98 1.10 0.00	24.27 0.84 0.00	19.09 0.62 0.00	25.35 0.71 0.00	24.34 0.66 0.00	25.75 0.65 0.00	38.02 0.96 0.00	42.50 1.05 0.00	28.88 0.97 0.00	29.13 1.32 0.00	29.95 1.46 0.00	26.71 1.32 0.00	23.61 1.18 -0.49	23.51 1.31 0.00	23.70 1.32 0.00	23.91 1.37 0.00	27.96 1.51 0.00	41.67 1.79 0.00	55.60 1.75 0.00	62.78 1.92 0.00	76.90 2.31 0.00	46.10 1.50 0.00	38.92 1.40 0.00	33.61 0.93 0.00
HUDSON_AVE_10 24168	29.80 0.93 0.01	24.16 0.73 0.00	19.00 0.53 0.00	25.23 0.59 0.00	24.23 0.55 0.00	25.62 0.52 0.00	37.83 0.77 0.00	42.30 0.85 0.00	28.74 0.83 0.00	29.00 1.18 0.00	29.80 1.31 0.00	26.55 1.17 0.00	23.49 1.06 -0.49	23.39 1.19 0.00	23.58 1.20 0.00	23.79 1.25 0.00	27.81 1.36 0.00	41.44 1.57 0.00	55.31 1.46 0.00	62.46 1.60 0.00	76.53 1.94 0.00	45.89 1.29 0.00	38.75 1.23 0.00	32.70 0.77 0.75
HUDSON___115KV_TB 4 355613	29.17 0.29 0.00	23.73 0.30 0.00	18.72 0.24 0.00	24.96 0.32 0.00	24.00 0.32 0.00	25.41 0.31 0.00	37.61 0.55 0.00	42.18 0.73 0.00	28.32 0.42 0.00	27.96 0.15 0.00	28.60 0.12 0.00	25.51 0.12 0.00	22.10 0.07 -0.09	22.31 0.11 0.00	22.51 0.13 0.00	22.71 0.16 0.00	26.77 0.32 0.00	40.56 0.68 0.00	54.83 0.99 0.00	62.23 1.36 0.00	76.37 1.78 0.00	45.62 1.01 0.00	38.33 0.82 0.00	33.28 0.60 0.00
HUNTER MOUNT___DRP 323613	29.19 0.32 0.00	23.75 0.33 0.00	18.74 0.27 0.00	25.00 0.36 0.00	24.04 0.36 0.00	25.47 0.37 0.00	37.72 0.67 0.00	42.34 0.89 0.00	28.40 0.49 0.00	27.98 0.17 0.00	28.59 0.10 0.00	25.49 0.10 0.00	22.06 0.05 -0.08	22.28 0.07 0.00	22.49 0.11 0.00	22.68 0.14 0.00	26.78 0.33 0.00	40.66 0.78 0.00	55.02 1.18 0.00	62.46 1.60 0.00	76.68 2.09 0.00	45.78 1.18 0.00	38.44 0.92 0.00	33.38 0.70 0.00
HUNTINGTON_RES_REC 323705	25.35 0.67 4.20	23.77 0.44 0.09	17.88 0.24 0.84	-49.57 0.11 74.33	6.01 0.09 17.76	20.92 -0.08 4.10	20.51 -0.16 16.39	26.60 -0.13 14.72	19.98 0.20 8.12	21.47 0.53 6.87	-128.36 0.93 157.77	-829.83 0.79 856.00	-27.22 0.77 49.92	23.30 1.10 0.00	25.95 1.19 -2.38	25.83 1.11 -2.18	29.79 1.16 -2.18	40.75 0.87 0.00	54.10 0.25 0.00	61.21 0.34 0.00	74.80 0.36 0.15	42.67 1.00 2.93	36.93 1.01 1.60	29.22 0.81 4.27
HUNTLEY___63 23557	29.53 0.65 0.00	23.92 0.49 0.00	18.89 0.41 0.00	25.27 0.63 0.00	24.31 0.64 0.00	25.73 0.62 0.00	36.90 -0.15 0.00	40.81 -0.64 0.00	27.73 -0.18 0.00	28.20 0.39 0.00	29.25 0.77 0.00	25.99 0.60 0.00	22.61 0.75 0.07	22.66 0.46 0.00	22.78 0.39 0.00	22.73 0.18 0.00	25.86 -0.59 0.00	38.01 -1.87 0.00	51.94 -1.91 0.00	57.73 -3.14 0.00	70.36 -4.22 0.00	42.25 -2.35 0.00	35.98 -1.54 0.00	32.48 -0.20 0.00
HUNTLEY___64 23558	29.53 0.65 0.00	23.92 0.49 0.00	18.89 0.41 0.00	25.27 0.63 0.00	24.31 0.64 0.00	25.73 0.62 0.00	36.90 -0.15 0.00	40.81 -0.64 0.00	27.73 -0.18 0.00	28.20 0.39 0.00	29.25 0.77 0.00	25.99 0.60 0.00	22.61 0.75 0.07	22.66 0.46 0.00	22.78 0.39 0.00	22.73 0.18 0.00	25.86 -0.59 0.00	38.01 -1.87 0.00	51.94 -1.91 0.00	57.73 -3.14 0.00	70.36 -4.22 0.00	42.25 -2.35 0.00	35.98 -1.54 0.00	32.48 -0.20 0.00
HUNTLEY___65 23559	29.53 0.65 0.00	23.92 0.49 0.00	18.89 0.41 0.00	25.27 0.63 0.00	24.31 0.64 0.00	25.73 0.62 0.00	36.90 -0.15 0.00	40.81 -0.64 0.00	27.73 -0.18 0.00	28.20 0.39 0.00	29.25 0.77 0.00	25.99 0.60 0.00	22.61 0.75 0.07	22.66 0.46 0.00	22.78 0.39 0.00	22.73 0.18 0.00	25.86 -0.59 0.00	38.01 -1.87 0.00	51.94 -1.91 0.00	57.73 -3.14 0.00	70.36 -4.22 0.00	42.25 -2.35 0.00	35.98 -1.54 0.00	32.48 -0.20 0.00
HUNTLEY___66 23560	29.53 0.65 0.00	23.92 0.49 0.00	18.89 0.41 0.00	25.27 0.63 0.00	24.31 0.64 0.00	25.73 0.62 0.00	36.90 -0.15 0.00	40.81 -0.64 0.00	27.73 -0.18 0.00	28.20 0.39 0.00	29.25 0.77 0.00	25.99 0.60 0.00	22.61 0.75 0.07	22.66 0.46 0.00	22.78 0.39 0.00	22.73 0.18 0.00	25.86 -0.59 0.00	38.01 -1.87 0.00	51.94 -1.91 0.00	57.73 -3.14 0.00	70.36 -4.22 0.00	42.25 -2.35 0.00	35.98 -1.54 0.00	32.48 -0.20 0.00
HUNTLEY___67 23561	29.29 0.42 0.00	23.73 0.30 0.00	18.73 0.26 0.00	25.07 0.43 0.00	24.12 0.45 0.00	25.54 0.44 0.00	36.63 -0.43 0.00	40.53 -0.91 0.00	27.53 -0.38 0.00	28.00 0.18 0.00	29.04 0.55 0.00	25.80 0.41 0.00	22.45 0.59 0.08	22.51 0.30 0.00	22.61 0.23 0.00	22.58 0.03 0.00	25.74 -0.71 0.00	37.92 -1.95 0.00	51.78 -2.07 0.00	57.54 -3.33 0.00	70.16 -4.43 0.00	42.12 -2.49 0.00	35.78 -1.74 0.00	32.16 -0.52 0.00
HUNTLEY___68 23562	29.29 0.42 0.00	23.73 0.30 0.00	18.73 0.26 0.00	25.07 0.43 0.00	24.12 0.45 0.00	25.54 0.44 0.00	36.63 -0.43 0.00	40.53 -0.91 0.00	27.53 -0.38 0.00	28.00 0.18 0.00	29.04 0.55 0.00	25.80 0.41 0.00	22.45 0.59 0.08	22.51 0.30 0.00	22.61 0.23 0.00	22.58 0.03 0.00	25.74 -0.71 0.00	37.92 -1.95 0.00	51.78 -2.07 0.00	57.54 -3.33 0.00	70.16 -4.43 0.00	42.12 -2.49 0.00	35.78 -1.74 0.00	32.16 -0.52 0.00



HYLAND___LFGE 323620	30.54 1.67 0.00	24.67 1.24 0.00	19.45 0.98 0.00	26.03 1.39 0.00	25.05 1.38 0.00	26.68 1.58 0.00	39.09 2.03 0.00	43.65 2.21 0.00	29.20 1.30 0.00	28.36 0.55 0.00	29.15 0.66 0.00	25.94 0.55 0.00	22.53 0.67 0.08	22.59 0.38 0.00	22.67 0.28 0.00	22.75 0.21 0.00	26.40 -0.04 0.00	39.74 -0.14 0.00	55.65 1.81 0.00	62.97 2.10 0.00	76.84 2.26 0.00	45.79 1.19 0.00	38.49 0.98 0.00	33.92 1.24 0.00
INDECK___CORINTH 23802	29.28 0.40 0.00	23.76 0.34 0.00	18.75 0.27 0.00	25.02 0.38 0.00	24.11 0.43 0.00	25.56 0.46 0.00	37.96 0.90 0.00	42.56 1.11 0.00	28.51 0.60 0.00	28.11 0.30 0.00	28.65 0.17 0.00	25.53 0.14 0.00	22.10 0.05 -0.10	22.29 0.09 0.00	22.49 0.11 0.00	22.78 0.23 0.00	27.00 0.56 0.00	41.02 1.15 0.00	55.32 1.47 0.00	62.62 1.76 0.00	76.84 2.25 0.00	45.81 1.20 0.00	38.47 0.95 0.00	33.36 0.67 0.00
INDECK___ILION 23567	29.39 0.52 0.00	23.86 0.43 0.00	18.82 0.35 0.00	25.08 0.44 0.00	24.12 0.44 0.00	25.56 0.46 0.00	37.86 0.80 0.00	42.38 0.93 0.00	28.31 0.41 0.00	28.01 0.20 0.00	28.62 0.13 0.00	25.47 0.08 0.00	22.02 0.08 0.00	22.32 0.11 0.00	22.49 0.11 0.00	22.67 0.12 0.00	26.76 0.31 0.00	40.67 0.80 0.00	55.17 1.33 0.00	62.39 1.52 0.00	76.51 1.92 0.00	45.80 1.20 0.00	38.52 0.99 0.00	33.41 0.73 0.00
INDECK___OLEAN 23982	29.41 0.54 0.00	23.76 0.33 0.00	18.78 0.30 0.00	25.11 0.47 0.00	24.03 0.35 0.00	25.39 0.29 0.00	36.69 -0.37 0.00	41.00 -0.44 0.00	28.00 0.10 0.00	28.39 0.58 0.00	29.33 0.84 0.00	26.04 0.65 0.00	22.61 0.75 0.08	22.73 0.52 0.00	22.84 0.45 0.00	22.71 0.16 0.00	26.04 -0.41 0.00	38.60 -1.27 0.00	52.88 -0.97 0.00	58.75 -2.12 0.00	71.73 -2.86 0.00	42.96 -1.64 0.00	36.40 -1.11 0.00	32.22 -0.46 0.00
INDECK___OSWEGO 23783	28.17 -0.71 0.00	22.84 -0.59 0.00	18.05 -0.42 0.00	24.03 -0.61 0.00	23.11 -0.57 0.00	24.51 -0.59 0.00	36.21 -0.85 0.00	40.55 -0.90 0.00	27.27 -0.64 0.00	27.07 -0.74 0.00	27.67 -0.82 0.00	24.65 -0.73 0.00	21.33 -0.61 0.00	21.58 -0.62 0.00	21.74 -0.64 0.00	21.90 -0.65 0.00	25.69 -0.76 0.00	38.85 -1.03 0.00	52.66 -1.19 0.00	59.53 -1.34 0.00	72.91 -1.68 0.00	43.54 -1.05 0.00	36.62 -0.90 0.00	31.89 -0.79 0.00
INDECK___YERKES 23781	29.55 0.68 0.00	23.94 0.51 0.00	18.91 0.43 0.00	25.29 0.65 0.00	24.34 0.66 0.00	25.77 0.67 0.00	36.95 -0.11 0.00	40.85 -0.60 0.00	27.75 -0.16 0.00	28.23 0.42 0.00	29.28 0.79 0.00	26.01 0.63 0.00	22.63 0.76 0.07	22.68 0.48 0.00	22.80 0.41 0.00	22.75 0.20 0.00	25.88 -0.57 0.00	38.05 -1.83 0.00	51.99 -1.86 0.00	57.79 -3.07 0.00	70.34 -4.25 0.00	42.29 -2.31 0.00	36.01 -1.50 0.00	32.52 -0.17 0.00
INDIAN POINT_GT_1 24139	29.73 0.85 0.00	24.07 0.65 0.00	18.95 0.47 0.00	25.18 0.54 0.00	24.17 0.49 0.00	25.57 0.47 0.00	37.76 0.70 0.00	42.23 0.78 0.00	28.67 0.76 0.00	28.84 1.03 0.00	29.61 1.13 0.00	26.39 1.01 0.00	23.37 0.88 -0.54	23.20 0.99 0.00	23.39 1.01 0.00	23.61 1.06 0.00	27.64 1.19 0.00	41.29 1.42 0.00	55.26 1.42 0.00	62.40 1.54 0.00	76.47 1.88 0.00	45.79 1.19 0.00	38.59 1.07 0.00	33.32 0.64 0.00
INDIAN POINT_GT_2 23659	29.73 0.85 0.00	24.07 0.65 0.00	18.95 0.47 0.00	25.18 0.54 0.00	24.17 0.49 0.00	25.57 0.47 0.00	37.76 0.70 0.00	42.23 0.78 0.00	28.67 0.76 0.00	28.84 1.03 0.00	29.61 1.13 0.00	26.39 1.01 0.00	23.37 0.88 -0.54	23.20 0.99 0.00	23.39 1.01 0.00	23.61 1.06 0.00	27.64 1.19 0.00	41.29 1.42 0.00	55.26 1.42 0.00	62.40 1.54 0.00	76.47 1.88 0.00	45.79 1.19 0.00	38.59 1.07 0.00	33.32 0.64 0.00
INDIAN POINT_GT_3 24019	29.73 0.85 0.00	24.07 0.65 0.00	18.95 0.47 0.00	25.18 0.54 0.00	24.17 0.49 0.00	25.57 0.47 0.00	37.76 0.70 0.00	42.23 0.78 0.00	28.67 0.76 0.00	28.84 1.03 0.00	29.61 1.13 0.00	26.39 1.01 0.00	23.37 0.88 -0.54	23.20 0.99 0.00	23.39 1.01 0.00	23.61 1.06 0.00	27.64 1.19 0.00	41.29 1.42 0.00	55.26 1.42 0.00	62.40 1.54 0.00	76.47 1.88 0.00	45.79 1.19 0.00	38.59 1.07 0.00	33.32 0.64 0.00
INDIAN POINT___2 23530	29.71 0.83 0.00	24.06 0.63 0.00	18.93 0.45 0.00	25.16 0.52 0.00	24.16 0.48 0.00	25.55 0.45 0.00	37.73 0.67 0.00	42.20 0.75 0.00	28.65 0.75 0.00	28.82 1.01 0.00	29.59 1.11 0.00	26.38 1.00 0.00	23.48 0.88 -0.66	23.19 0.98 0.00	23.38 1.00 0.00	23.59 1.04 0.00	27.61 1.16 0.00	41.25 1.38 0.00	55.24 1.39 0.00	62.35 1.48 0.00	76.36 1.78 0.00	45.75 1.14 0.00	38.56 1.04 0.00	33.28 0.60 0.00
INDIAN POINT___3 23531	29.71 0.83 0.00	24.06 0.64 0.00	18.94 0.46 0.00	25.17 0.53 0.00	24.16 0.49 0.00	25.56 0.46 0.00	37.75 0.70 0.00	42.22 0.77 0.00	28.66 0.75 0.00	28.82 1.01 0.00	29.60 1.11 0.00	26.39 1.01 0.00	23.36 0.87 -0.55	23.19 0.98 0.00	23.38 1.00 0.00	23.59 1.05 0.00	27.62 1.17 0.00	41.28 1.40 0.00	55.25 1.40 0.00	62.38 1.51 0.00	76.42 1.84 0.00	45.78 1.18 0.00	38.58 1.06 0.00	33.31 0.63 0.00
INGHAM_C_115KV_TB7 356103	30.17 1.29 0.00	24.48 1.05 0.00	19.32 0.84 0.00	25.73 1.09 0.00	24.74 1.07 0.00	26.24 1.13 0.00	38.95 1.90 0.00	43.65 2.20 0.00	28.85 0.95 0.00	28.28 0.47 0.00	28.80 0.32 0.00	25.59 0.20 0.00	22.14 0.20 0.00	22.44 0.24 0.00	22.60 0.22 0.00	22.78 0.23 0.00	27.08 0.63 0.00	41.61 1.74 0.00	56.91 3.06 0.00	64.36 3.49 0.00	79.01 4.42 0.00	47.36 2.76 0.00	39.80 2.28 0.00	34.41 1.73 0.00
IP CORINTH___1 23988	29.43 0.55 0.00	23.89 0.47 0.00	18.85 0.37 0.00	25.15 0.51 0.00	24.24 0.56 0.00	25.70 0.60 0.00	38.19 1.13 0.00	42.80 1.36 0.00	28.68 0.77 0.00	28.26 0.45 0.00	28.81 0.32 0.00	25.67 0.29 0.00	22.22 0.17 -0.10	22.41 0.20 0.00	22.60 0.22 0.00	22.91 0.36 0.00	27.15 0.70 0.00	41.25 1.38 0.00	55.62 1.78 0.00	62.98 2.12 0.00	77.28 2.69 0.00	46.07 1.47 0.00	38.69 1.17 0.00	33.55 0.87 0.00
IP___TICONDEROGA 23804	30.90 2.03 0.00	25.06 1.63 0.00	19.74 1.26 0.00	26.34 1.71 0.00	25.61 1.93 0.00	27.16 2.06 0.00	40.87 3.81 0.00	45.67 4.22 0.00	30.34 2.43 0.00	29.46 1.65 0.00	30.12 1.64 0.00	26.91 1.52 0.00	23.23 1.19 -0.10	23.44 1.24 0.00	23.63 1.25 0.00	24.15 1.60 0.00	28.77 2.32 0.00	43.91 4.03 0.00	59.17 5.33 0.00	67.14 6.27 0.00	82.46 7.87 0.00	48.90 4.30 0.00	40.92 3.40 0.00	35.52 2.84 0.00
ISLIP_RES_REC 323679	27.69 0.81 2.00	23.89 0.51 0.04	18.39 0.31 0.40	-10.48 0.26 35.38	15.43 0.21 8.46	21.03 0.02 4.10	20.72 0.04 16.38	26.89 0.16 14.71	20.20 0.40 8.11	21.68 0.73 6.87	-45.45 1.17 75.10	-381.09 1.02 407.50	-0.62 0.95 23.51	23.48 1.28 0.00	26.19 1.37 -2.44	26.10 1.32 -2.24	30.13 1.44 -2.24	41.23 1.36 0.00	54.61 0.76 0.00	61.78 0.91 0.00	75.51 1.07 0.15	43.17 1.36 2.80	37.25 1.26 1.53	29.61 1.05 4.12

JAMAICA__27_KV_LOAD 355505	29.82 0.94 0.01	24.23 0.80 0.00	19.07 0.59 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.67 0.57 0.00	37.93 0.87 0.00	42.44 0.99 0.00	28.81 0.91 0.00	29.10 1.29 0.00	29.87 1.38 0.00	26.57 1.18 0.00	23.53 1.10 -0.49	23.44 1.24 0.00	23.62 1.24 0.00	23.86 1.31 0.00	27.85 1.40 0.00	41.50 1.63 0.00	55.42 1.58 0.00	62.61 1.74 0.00	76.77 2.18 0.00	46.09 1.49 0.00	38.89 1.37 0.00	32.80 0.86 0.75
JANIS__SOLAR 323808	30.09 1.22 0.00	24.22 0.79 0.00	19.18 0.70 0.00	25.46 0.82 0.00	24.39 0.71 0.00	25.88 0.78 0.00	38.47 1.42 0.00	43.53 2.08 0.00	28.87 0.96 0.00	28.04 0.23 0.00	28.31 -0.18 0.00	25.20 -0.18 0.00	21.73 0.00 0.21	22.19 -0.02 0.00	22.32 -0.06 0.00	22.50 -0.05 0.00	26.80 0.35 0.00	41.09 1.21 0.00	56.88 3.04 0.00	64.22 3.35 0.00	78.60 4.01 0.00	46.77 2.17 0.00	39.31 1.79 0.00	34.17 1.49 0.00
JARVIS____ 23743	28.84 -0.04 0.00	23.41 -0.01 0.00	18.48 0.00 0.00	24.63 -0.01 0.00	23.66 -0.02 0.00	25.07 -0.03 0.00	37.04 -0.02 0.00	41.45 0.00 0.00	27.90 0.00 0.00	27.78 -0.03 0.00	28.45 -0.04 0.00	25.34 -0.04 0.00	21.91 -0.03 0.00	22.19 -0.02 0.00	22.38 0.00 0.00	22.55 0.00 0.00	26.48 0.03 0.00	39.95 0.08 0.00	53.90 0.05 0.00	60.93 0.06 0.00	74.69 0.10 0.00	44.65 0.05 0.00	37.56 0.05 0.00	32.68 -0.01 0.00
JENNISON____1 23625	30.79 1.92 0.00	24.60 1.17 0.00	19.60 1.13 0.00	25.73 1.08 0.00	24.46 0.79 0.00	25.86 0.76 0.00	38.83 1.77 0.00	44.90 3.45 0.00	29.65 1.75 0.00	28.61 0.80 0.00	28.46 -0.03 0.00	25.51 0.12 0.00	22.05 0.45 0.34	22.75 0.55 0.00	22.94 0.56 0.00	23.10 0.55 0.00	27.74 1.29 0.00	42.54 2.67 0.00	58.72 4.87 0.00	66.21 5.34 0.00	81.07 6.48 0.00	48.24 3.64 0.00	40.49 2.97 0.00	35.07 2.39 0.00
JENNISON____2 23626	30.79 1.92 0.00	24.60 1.17 0.00	19.60 1.13 0.00	25.73 1.08 0.00	24.46 0.79 0.00	25.86 0.76 0.00	38.83 1.77 0.00	44.90 3.45 0.00	29.65 1.75 0.00	28.61 0.80 0.00	28.46 -0.03 0.00	25.51 0.12 0.00	22.05 0.45 0.34	22.75 0.55 0.00	22.94 0.56 0.00	23.10 0.55 0.00	27.74 1.29 0.00	42.54 2.67 0.00	58.72 4.87 0.00	66.21 5.34 0.00	81.07 6.48 0.00	48.24 3.64 0.00	40.49 2.97 0.00	35.07 2.39 0.00
JERICOHO_RISE_WT_PWR 323719	29.46 0.58 0.00	23.85 0.42 0.00	18.75 0.27 0.00	25.02 0.38 0.00	24.08 0.40 0.00	25.60 0.50 0.00	37.91 0.85 0.00	42.31 0.86 0.00	28.46 0.55 0.00	28.31 0.50 0.00	28.99 0.50 0.00	25.92 0.53 0.00	22.30 0.36 0.00	22.51 0.30 0.00	22.67 0.29 0.00	22.85 0.30 0.00	26.81 0.36 0.00	40.41 0.54 0.00	54.84 0.99 0.00	62.15 1.29 0.00	76.11 1.52 0.00	45.61 1.01 0.00	38.38 0.86 0.00	33.58 0.90 0.00
KATONAH__115KV_46KV_TB4 355592	29.84 0.96 0.00	24.17 0.74 0.00	19.02 0.55 0.00	25.28 0.64 0.00	24.28 0.60 0.00	25.70 0.59 0.00	37.96 0.90 0.00	42.47 1.02 0.00	28.81 0.91 0.00	29.00 1.18 0.00	29.78 1.29 0.00	26.53 1.15 0.00	23.31 1.00 -0.37	23.32 1.11 0.00	23.52 1.14 0.00	23.73 1.18 0.00	27.79 1.34 0.00	41.53 1.66 0.00	55.57 1.72 0.00	62.79 1.92 0.00	76.93 2.35 0.00	46.05 1.45 0.00	38.81 1.30 0.00	33.54 0.85 0.00
KCE_NY_1 323755	29.54 0.67 0.00	23.99 0.57 0.00	18.92 0.44 0.00	25.24 0.60 0.00	24.29 0.61 0.00	25.75 0.65 0.00	38.26 1.20 0.00	42.80 1.36 0.00	28.70 0.79 0.00	28.40 0.59 0.00	28.99 0.50 0.00	25.83 0.44 0.00	22.39 0.34 -0.11	22.59 0.39 0.00	22.78 0.40 0.00	23.02 0.47 0.00	27.25 0.80 0.00	41.32 1.45 0.00	55.69 1.85 0.00	62.99 2.11 0.00	77.28 2.69 0.00	46.10 1.50 0.00	38.73 1.22 0.00	33.62 0.94 0.00
KCE_NY_6_ESR 323823	29.49 0.61 0.00	23.87 0.44 0.00	18.85 0.37 0.00	25.22 0.58 0.00	24.26 0.58 0.00	25.69 0.59 0.00	36.93 -0.13 0.00	40.94 -0.51 0.00	27.79 -0.11 0.00	28.19 0.38 0.00	29.21 0.73 0.00	25.94 0.55 0.00	22.58 0.71 0.08	22.64 0.43 0.00	22.74 0.36 0.00	22.73 0.18 0.00	25.97 -0.48 0.00	38.38 -1.50 0.00	52.43 -1.42 0.00	58.25 -2.62 0.00	71.00 -3.59 0.00	42.59 -2.01 0.00	36.16 -1.36 0.00	32.39 -0.29 0.00
KEDC_PORT_JEFF_GT2 24210	27.04 0.66 2.49	23.79 0.41 0.05	18.22 0.24 0.50	-19.34 0.15 44.13	13.23 0.10 10.55	20.86 -0.08 4.16	20.33 -0.12 16.61	26.48 -0.05 14.92	19.88 0.20 8.23	21.45 0.60 6.96	-64.16 1.03 93.67	-481.96 0.90 508.25	-6.64 0.86 29.44	23.41 1.20 0.00	25.81 1.29 -2.14	25.67 1.22 -1.91	29.72 1.31 -1.96	41.01 1.13 0.00	54.28 0.44 0.00	61.42 0.55 0.00	75.03 0.62 0.17	42.36 1.13 3.38	36.75 1.07 1.84	28.85 0.91 4.74
KEDC_PORT_JEFF_GT3 24211	27.04 0.66 2.49	23.79 0.41 0.05	18.22 0.24 0.50	-19.34 0.15 44.13	13.23 0.10 10.55	20.86 -0.08 4.16	20.33 -0.12 16.61	26.48 -0.05 14.92	19.88 0.20 8.23	21.45 0.60 6.96	-64.16 1.03 93.67	-481.96 0.90 508.25	-6.64 0.86 29.44	23.41 1.20 0.00	25.81 1.29 -2.14	25.67 1.22 -1.91	29.72 1.31 -1.96	41.01 1.13 0.00	54.28 0.44 0.00	61.42 0.55 0.00	75.03 0.62 0.17	42.36 1.13 3.38	36.75 1.07 1.84	28.85 0.91 4.74
KEDC_GLWD_GT4 24219	29.97 1.09 0.00	24.24 0.81 0.00	19.06 0.58 0.00	25.29 0.64 0.00	24.28 0.60 0.00	24.37 0.52 1.25	32.81 0.74 4.99	37.52 0.56 4.48	26.09 0.65 2.47	26.70 0.97 2.09	29.90 1.41 0.00	26.65 1.26 0.00	23.57 1.13 -0.50	23.53 1.31 -0.01	35.64 1.35 -11.91	36.22 1.34 -12.34	38.83 1.47 -10.91	41.23 1.36 0.00	55.01 1.16 0.00	62.14 1.27 0.00	76.46 1.52 -0.35	58.49 1.60 -12.29	45.52 1.40 -6.60	45.12 1.01 -11.43
KEDC_GLWD_GT5 24220	29.97 1.09 0.00	24.24 0.81 0.00	19.06 0.58 0.00	25.29 0.64 0.00	24.28 0.60 0.00	24.37 0.52 1.25	32.81 0.74 4.99	37.52 0.56 4.48	26.09 0.65 2.47	26.70 0.97 2.09	29.90 1.41 0.00	26.65 1.26 0.00	23.57 1.13 -0.50	23.53 1.31 -0.01	35.64 1.35 -11.91	36.22 1.34 -12.34	38.83 1.47 -10.91	41.23 1.36 0.00	55.01 1.16 0.00	62.14 1.27 0.00	76.46 1.52 -0.35	58.49 1.60 -12.29	45.52 1.40 -6.60	45.12 1.01 -11.43
KENSICO____ 23655	29.80 0.93 0.00	24.13 0.71 0.00	18.99 0.51 0.00	25.23 0.59 0.00	24.23 0.55 0.00	25.63 0.53 0.00	37.84 0.79 0.00	42.33 0.88 0.00	28.73 0.83 0.00	28.92 1.11 0.00	29.72 1.24 0.00	26.49 1.11 0.00	23.42 0.97 -0.51	23.29 1.08 0.00	23.49 1.11 0.00	23.70 1.15 0.00	27.73 1.29 0.00	41.42 1.54 0.00	55.36 1.51 0.00	62.51 1.64 0.00	76.59 2.00 0.00	45.89 1.29 0.00	38.69 1.17 0.00	33.42 0.74 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.86 0.98 0.00	24.18 0.75 0.00	19.02 0.55 0.00	25.29 0.65 0.00	24.27 0.60 0.00	25.70 0.60 0.00	38.01 0.95 0.00	42.55 1.11 0.00	28.85 0.94 0.00	28.88 1.07 0.00	29.52 1.03 0.00	26.25 0.87 0.00	22.36 0.76 0.34	23.06 0.85 0.00	23.24 0.86 0.00	23.48 0.94 0.00	27.58 1.13 0.00	41.47 1.60 0.00	55.80 1.96 0.00	63.08 2.21 0.00	77.30 2.71 0.00	46.22 1.62 0.00	38.87 1.35 0.00	33.55 0.87 0.00

KIAC_JFK_GT1 23816	29.65 0.78 0.01	24.10 0.67 0.00	18.97 0.49 0.00	25.17 0.53 0.00	24.14 0.46 0.00	25.43 0.33 0.00	37.57 0.51 0.00	42.03 0.58 0.00	28.54 0.63 0.00	28.93 1.12 0.00	29.70 1.22 0.00	26.43 1.04 0.00	23.41 0.98 -0.49	23.32 1.11 0.00	23.50 1.12 0.00	23.74 1.19 0.00	27.67 1.22 0.00	41.13 1.26 0.00	54.89 1.04 0.00	62.01 1.14 0.00	76.09 1.50 0.00	45.80 1.20 0.00	38.68 1.16 0.00	32.62 0.69 0.75
KIAC_JFK_GT2 23817	29.65 0.78 0.01	24.10 0.67 0.00	18.97 0.49 0.00	25.17 0.53 0.00	24.14 0.46 0.00	25.43 0.33 0.00	37.57 0.51 0.00	42.03 0.58 0.00	28.54 0.63 0.00	28.93 1.12 0.00	29.70 1.22 0.00	26.43 1.04 0.00	23.41 0.98 -0.49	23.32 1.11 0.00	23.50 1.12 0.00	23.74 1.19 0.00	27.67 1.22 0.00	41.13 1.26 0.00	54.89 1.04 0.00	62.01 1.14 0.00	76.09 1.50 0.00	45.80 1.20 0.00	38.68 1.16 0.00	32.62 0.69 0.75
KIAC_JFK____ 323774	29.65 0.78 0.01	24.10 0.68 0.00	18.96 0.49 0.00	25.17 0.53 0.00	24.14 0.46 0.00	25.42 0.32 0.00	37.57 0.51 0.00	42.03 0.59 0.00	28.54 0.63 0.00	28.93 1.12 0.00	29.70 1.21 0.00	26.43 1.04 0.00	23.41 0.98 -0.49	23.32 1.11 0.00	23.50 1.13 0.00	23.74 1.19 0.00	27.67 1.22 0.00	41.13 1.26 0.00	54.89 1.04 0.00	62.01 1.14 0.00	76.06 1.47 0.00	45.80 1.20 0.00	38.68 1.16 0.00	32.61 0.68 0.75
KINTIGH__24_KV_GSU 356498	29.32 0.44 0.00	23.74 0.31 0.00	18.76 0.28 0.00	25.10 0.45 0.00	24.14 0.46 0.00	25.56 0.46 0.00	36.74 -0.31 0.00	40.69 -0.76 0.00	27.61 -0.30 0.00	28.04 0.23 0.00	29.06 0.57 0.00	25.82 0.44 0.00	22.46 0.58 0.07	22.53 0.32 0.00	22.63 0.25 0.00	22.59 0.05 0.00	25.82 -0.63 0.00	38.13 -1.75 0.00	52.02 -1.82 0.00	57.88 -2.99 0.00	70.55 -4.03 0.00	42.38 -2.22 0.00	35.97 -1.55 0.00	32.26 -0.43 0.00
KINTIGH____ 23543	29.29 0.42 0.00	23.73 0.31 0.00	18.75 0.27 0.00	25.08 0.44 0.00	24.12 0.44 0.00	25.54 0.43 0.00	36.71 -0.35 0.00	40.66 -0.79 0.00	27.59 -0.32 0.00	28.02 0.21 0.00	29.04 0.55 0.00	25.81 0.43 0.00	22.44 0.57 0.07	22.51 0.30 0.00	22.62 0.24 0.00	22.58 0.04 0.00	25.80 -0.65 0.00	38.10 -1.77 0.00	51.99 -1.86 0.00	57.84 -3.03 0.00	70.58 -4.00 0.00	42.35 -2.25 0.00	35.94 -1.57 0.00	32.23 -0.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.89 1.01 0.00	24.18 0.75 0.00	18.97 0.49 0.00	25.31 0.66 0.00	24.36 0.69 0.00	25.83 0.73 0.00	38.35 1.29 0.00	42.78 1.34 0.00	28.83 0.93 0.00	28.53 0.72 0.00	29.22 0.73 0.00	26.11 0.72 0.00	22.44 0.50 0.00	22.64 0.44 0.00	22.80 0.42 0.00	23.01 0.46 0.00	27.07 0.62 0.00	40.73 0.85 0.00	55.38 1.53 0.00	63.00 2.14 0.00	77.31 2.73 0.00	46.46 1.86 0.00	39.13 1.61 0.00	34.20 1.51 0.00
LACHUTE____HYDRO 323717	30.90 2.03 0.00	25.06 1.63 0.00	19.74 1.26 0.00	26.34 1.71 0.00	25.60 1.93 0.00	27.16 2.06 0.00	40.86 3.81 0.00	45.67 4.22 0.00	30.34 2.43 0.00	29.46 1.65 0.00	30.12 1.63 0.00	26.91 1.52 0.00	23.23 1.19 -0.10	23.44 1.24 0.00	23.63 1.25 0.00	24.15 1.60 0.00	28.76 2.31 0.00	43.91 4.03 0.00	59.17 5.33 0.00	67.14 6.27 0.00	82.46 7.87 0.00	48.90 4.30 0.00	40.92 3.40 0.00	35.52 2.84 0.00
LAWRNCALV_115KV_TB1 80681	29.86 0.99 0.00	24.19 0.76 0.00	19.05 0.57 0.00	25.44 0.80 0.00	24.51 0.83 0.00	26.09 0.99 0.00	38.64 1.58 0.00	43.17 1.72 0.00	28.80 0.90 0.00	28.47 0.66 0.00	29.08 0.59 0.00	25.93 0.55 0.00	22.36 0.42 0.00	22.58 0.37 0.00	22.72 0.35 0.00	22.83 0.29 0.00	26.71 0.26 0.00	40.59 0.71 0.00	55.27 1.43 0.00	62.71 1.85 0.00	76.88 2.29 0.00	46.24 1.64 0.00	38.94 1.42 0.00	34.05 1.37 0.00
LEDERLE____ 23769	29.87 0.99 0.00	24.18 0.76 0.00	19.03 0.55 0.00	25.29 0.64 0.00	24.28 0.60 0.00	25.76 0.66 0.00	38.05 1.00 0.00	42.59 1.14 0.00	28.91 1.01 0.00	29.07 1.26 0.00	29.84 1.35 0.00	26.60 1.21 0.00	21.66 1.05 1.33	23.37 1.16 0.00	23.56 1.19 0.00	23.79 1.24 0.00	27.79 1.34 0.00	41.64 1.77 0.00	55.86 2.02 0.00	62.81 1.94 0.00	76.94 2.35 0.00	46.06 1.46 0.00	38.78 1.26 0.00	33.46 0.77 0.00
LIGHTHSE_115KV_TB6 355974	28.67 -0.21 0.00	23.24 -0.18 0.00	18.38 -0.10 0.00	24.48 -0.16 0.00	23.59 -0.09 0.00	25.09 -0.01 0.00	37.17 0.11 0.00	41.67 0.22 0.00	27.85 -0.05 0.00	27.45 -0.36 0.00	27.95 -0.54 0.00	24.88 -0.51 0.00	21.54 -0.40 0.00	21.80 -0.41 0.00	21.94 -0.44 0.00	22.10 -0.44 0.00	25.89 -0.55 0.00	39.50 -0.38 0.00	53.99 0.14 0.00	61.25 0.38 0.00	74.97 0.39 0.00	44.77 0.17 0.00	37.60 0.08 0.00	32.74 0.06 0.00
LINDEN COGEN____ 23786	29.76 0.88 0.00	24.10 0.68 0.00	18.97 0.49 0.00	25.16 0.52 0.00	24.15 0.48 0.00	25.55 0.45 0.00	37.72 0.66 0.00	42.16 0.71 0.00	28.67 0.76 0.00	28.90 1.09 0.00	29.71 1.23 0.00	26.50 1.12 0.00	23.45 1.02 -0.49	23.37 1.16 0.00	23.55 1.16 0.00	23.76 1.21 0.00	27.77 1.32 0.00	41.36 1.49 0.00	55.23 1.39 0.00	62.38 1.51 0.00	76.35 1.76 0.00	44.29 1.11 1.42	35.91 1.13 2.73	30.59 0.69 2.79
LINDHRST_69_KV_BK1 356055	29.95 1.22 0.15	24.27 0.85 0.00	19.03 0.58 0.03	22.67 0.61 2.59	23.61 0.56 0.62	22.16 0.35 3.28	24.42 0.49 13.12	30.28 0.61 11.78	22.11 0.70 6.50	23.32 1.00 5.50	24.42 1.42 5.49	-3.13 1.25 29.77	21.81 1.13 1.26	23.58 1.37 0.00	30.54 1.44 -6.72	30.84 1.41 -6.89	34.18 1.56 -6.17	41.45 1.58 0.00	55.18 1.33 0.00	62.41 1.54 0.00	76.57 1.85 -0.14	51.83 1.79 -5.43	42.01 1.58 -2.91	38.49 1.18 -4.62
LIPA_MISC_IPP 23656	26.98 0.43 2.33	23.58 0.20 0.05	18.09 0.08 0.47	-16.67 -0.06 41.25	13.74 -0.08 9.86	20.63 -0.28 4.19	19.92 -0.41 16.73	26.10 -0.32 15.03	19.75 0.13 8.29	21.21 0.42 7.01	-58.22 0.84 87.55	-448.90 0.75 475.04	-4.80 0.75 27.49	23.33 1.13 0.00	25.59 1.21 -1.99	25.42 1.13 -1.75	29.47 1.20 -1.82	40.83 0.96 0.00	53.90 0.05 0.00	60.98 0.11 0.00	74.53 0.12 0.18	41.78 0.83 3.65	36.35 0.82 1.99	28.40 0.74 5.03
LISF____SOLAR 323691	27.03 0.46 2.31	23.61 0.23 0.05	18.11 0.10 0.47	-16.34 -0.03 40.95	13.83 -0.07 9.79	20.67 -0.26 4.17	20.01 -0.35 16.69	26.21 -0.25 14.99	19.81 0.17 8.27	21.25 0.43 7.00	-57.56 0.86 86.91	-445.40 0.77 471.55	-4.59 0.75 27.28	23.34 1.13 0.00	25.64 1.22 -2.04	25.50 1.14 -1.81	29.56 1.24 -1.87	40.91 1.04 0.00	53.99 0.15 0.00	61.11 0.24 0.00	74.67 0.26 0.18	41.96 0.90 3.55	36.46 0.87 1.94	28.58 0.81 4.92
LITTLE FALLS____HYD 24013	30.17 1.29 0.00	24.48 1.05 0.00	19.32 0.84 0.00	25.73 1.09 0.00	24.74 1.07 0.00	26.24 1.13 0.00	38.95 1.90 0.00	43.65 2.20 0.00	28.85 0.95 0.00	28.28 0.47 0.00	28.80 0.32 0.00	25.59 0.20 0.00	22.14 0.20 0.00	22.44 0.24 0.00	22.60 0.22 0.00	22.78 0.23 0.00	27.08 0.63 0.00	41.61 1.74 0.00	56.91 3.06 0.00	64.36 3.49 0.00	79.01 4.42 0.00	47.36 2.76 0.00	39.80 2.28 0.00	34.41 1.73 0.00

LITTLRIV_115KV_TB1 356100	30.29 1.42 0.00	24.54 1.11 0.00	19.31 0.84 0.00	25.81 1.16 0.00	24.86 1.19 0.00	26.49 1.39 0.00	39.32 2.26 0.00	43.92 2.47 0.00	29.13 1.22 0.00	28.62 0.81 0.00	29.18 0.69 0.00	26.04 0.66 0.00	22.44 0.50 0.00	22.66 0.45 0.00	22.79 0.41 0.00	22.90 0.36 0.00	26.80 0.35 0.00	40.86 0.99 0.00	56.14 2.29 0.00	63.81 2.94 0.00	78.14 3.56 0.00	46.98 2.38 0.00	39.52 2.00 0.00	34.55 1.87 0.00
LI_NEWBRDGE___DRP 323616	29.67 0.79 0.00	23.96 0.54 0.00	18.83 0.35 0.00	24.95 0.31 0.00	23.96 0.28 0.00	20.72 0.12 4.50	19.18 0.12 17.99	25.43 0.14 16.16	19.39 0.39 8.91	20.99 0.72 7.54	29.56 1.08 0.00	26.32 0.94 0.00	23.30 0.87 -0.48	23.31 1.11 0.01	23.97 1.17 -0.42	23.69 1.10 -0.05	28.02 1.19 -0.38	40.83 0.96 0.00	54.36 0.52 0.00	61.50 0.64 0.00	75.02 0.71 0.28	39.10 1.12 6.62	34.93 1.01 3.59	25.26 0.75 8.17
LOCKPORT_115KV_TB60_63_64 80432	29.37 0.49 0.00	23.79 0.37 0.00	18.79 0.31 0.00	25.15 0.50 0.00	24.19 0.51 0.00	25.57 0.47 0.00	36.61 -0.45 0.00	40.44 -1.01 0.00	27.48 -0.43 0.00	27.93 0.11 0.00	28.96 0.48 0.00	25.79 0.41 0.00	22.44 0.57 0.07	22.48 0.28 0.00	22.57 0.19 0.00	22.51 -0.03 0.00	25.54 -0.91 0.00	37.61 -2.26 0.00	51.56 -2.29 0.00	57.36 -3.50 0.00	69.93 -4.67 0.00	42.01 -2.59 0.00	35.79 -1.72 0.00	32.26 -0.43 0.00
LOCKPORT___CC1 323769	29.34 0.47 0.00	23.78 0.36 0.00	18.78 0.31 0.00	25.14 0.50 0.00	24.19 0.52 0.00	25.59 0.49 0.00	36.62 -0.44 0.00	40.45 -1.00 0.00	27.48 -0.43 0.00	27.92 0.11 0.00	28.96 0.48 0.00	25.78 0.39 0.00	22.44 0.56 0.07	22.47 0.27 0.00	22.57 0.19 0.00	22.52 -0.03 0.00	25.56 -0.89 0.00	37.64 -2.23 0.00	51.56 -2.28 0.00	57.33 -3.53 0.00	69.83 -4.76 0.00	42.00 -2.60 0.00	35.78 -1.74 0.00	32.22 -0.46 0.00
LOCKPORT___CC2 323770	29.34 0.47 0.00	23.78 0.36 0.00	18.78 0.31 0.00	25.14 0.50 0.00	24.19 0.52 0.00	25.59 0.49 0.00	36.62 -0.44 0.00	40.45 -1.00 0.00	27.48 -0.43 0.00	27.92 0.11 0.00	28.96 0.48 0.00	25.78 0.39 0.00	22.44 0.56 0.07	22.47 0.27 0.00	22.57 0.19 0.00	22.52 -0.03 0.00	25.56 -0.89 0.00	37.64 -2.23 0.00	51.56 -2.28 0.00	57.33 -3.53 0.00	69.83 -4.76 0.00	42.00 -2.60 0.00	35.78 -1.74 0.00	32.22 -0.46 0.00
LOCKPORT___CC3 323771	29.34 0.47 0.00	23.78 0.36 0.00	18.78 0.31 0.00	25.14 0.50 0.00	24.19 0.52 0.00	25.59 0.49 0.00	36.62 -0.44 0.00	40.45 -1.00 0.00	27.48 -0.43 0.00	27.92 0.11 0.00	28.96 0.48 0.00	25.78 0.39 0.00	22.44 0.56 0.07	22.47 0.27 0.00	22.57 0.19 0.00	22.52 -0.03 0.00	25.56 -0.89 0.00	37.64 -2.23 0.00	51.56 -2.28 0.00	57.33 -3.53 0.00	69.83 -4.76 0.00	42.00 -2.60 0.00	35.78 -1.74 0.00	32.22 -0.46 0.00
LOCUSVLY_69_KV_BK2 55797	29.93 1.05 0.00	24.19 0.76 0.00	19.01 0.53 0.00	25.19 0.55 0.00	24.20 0.52 0.00	23.52 0.41 1.99	29.69 0.56 7.94	34.86 0.54 7.13	24.64 0.66 3.93	25.47 0.99 3.33	29.83 1.34 0.00	26.58 1.19 0.00	23.53 1.09 -0.50	23.54 1.32 -0.01	33.41 1.37 -9.66	33.83 1.34 -9.95	36.75 1.45 -8.85	41.25 1.38 0.00	54.98 1.14 0.00	62.14 1.28 0.00	76.34 1.51 -0.24	55.02 1.53 -8.88	43.66 1.37 -4.77	41.64 1.01 -7.95
LONG_LAKE_PHOENIX 24014	28.27 -0.61 0.00	22.92 -0.51 0.00	18.11 -0.37 0.00	24.11 -0.53 0.00	23.17 -0.50 0.00	24.59 -0.52 0.00	36.30 -0.76 0.00	40.65 -0.80 0.00	27.36 -0.54 0.00	27.18 -0.63 0.00	27.78 -0.70 0.00	24.75 -0.64 0.00	21.42 -0.52 0.00	21.66 -0.54 0.00	21.81 -0.57 0.00	21.98 -0.56 0.00	25.80 -0.65 0.00	38.97 -0.90 0.00	52.80 -1.05 0.00	59.66 -1.21 0.00	73.07 -1.52 0.00	43.63 -0.97 0.00	36.69 -0.83 0.00	31.95 -0.73 0.00
LOVETT___3 23632	29.71 0.84 0.00	24.06 0.63 0.00	18.93 0.46 0.00	25.16 0.52 0.00	24.16 0.48 0.00	25.54 0.44 0.00	37.72 0.66 0.00	42.17 0.73 0.00	28.63 0.73 0.00	28.80 0.99 0.00	29.58 1.09 0.00	26.37 0.98 0.00	21.43 0.86 1.37	23.17 0.96 0.00	23.36 0.98 0.00	23.58 1.03 0.00	27.62 1.17 0.00	41.24 1.37 0.00	55.20 1.35 0.00	62.38 1.52 0.00	76.42 1.83 0.00	45.76 1.16 0.00	38.57 1.05 0.00	33.28 0.61 0.00
LOVETT___4 23642	29.71 0.84 0.00	24.06 0.63 0.00	18.93 0.46 0.00	25.16 0.52 0.00	24.16 0.48 0.00	25.54 0.44 0.00	37.72 0.66 0.00	42.17 0.73 0.00	28.63 0.73 0.00	28.80 0.99 0.00	29.58 1.09 0.00	26.37 0.98 0.00	21.43 0.86 1.37	23.17 0.96 0.00	23.36 0.98 0.00	23.58 1.03 0.00	27.62 1.17 0.00	41.24 1.37 0.00	55.20 1.35 0.00	62.38 1.52 0.00	76.42 1.83 0.00	45.76 1.16 0.00	38.57 1.05 0.00	33.28 0.61 0.00
LOVETT___5 23593	29.71 0.84 0.00	24.06 0.63 0.00	18.93 0.46 0.00	25.16 0.52 0.00	24.16 0.48 0.00	25.54 0.44 0.00	37.72 0.66 0.00	42.17 0.73 0.00	28.63 0.73 0.00	28.80 0.99 0.00	29.58 1.09 0.00	26.37 0.98 0.00	21.43 0.86 1.37	23.17 0.96 0.00	23.36 0.98 0.00	23.58 1.03 0.00	27.62 1.17 0.00	41.24 1.37 0.00	55.20 1.35 0.00	62.38 1.52 0.00	76.42 1.83 0.00	45.76 1.16 0.00	38.57 1.05 0.00	33.28 0.61 0.00
LOWER RAQUET___HYD 24057	29.93 1.05 0.00	24.24 0.81 0.00	19.09 0.61 0.00	25.49 0.85 0.00	24.57 0.89 0.00	26.17 1.07 0.00	38.80 1.74 0.00	43.36 1.92 0.00	28.90 0.99 0.00	28.49 0.68 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.36 0.42 0.00	22.58 0.37 0.00	22.71 0.33 0.00	22.81 0.26 0.00	26.66 0.22 0.00	40.59 0.72 0.00	55.33 1.49 0.00	62.84 1.97 0.00	77.08 2.49 0.00	46.41 1.81 0.00	39.10 1.58 0.00	34.19 1.51 0.00
LOWER___HUDSON 24059	29.10 0.22 0.00	23.65 0.22 0.00	18.66 0.19 0.00	24.89 0.25 0.00	23.94 0.26 0.00	25.33 0.23 0.00	37.53 0.47 0.00	42.02 0.57 0.00	28.28 0.37 0.00	28.12 0.31 0.00	28.74 0.26 0.00	25.63 0.25 0.00	22.22 0.17 -0.12	22.43 0.22 0.00	22.63 0.25 0.00	22.82 0.27 0.00	26.93 0.48 0.00	40.67 0.80 0.00	54.61 0.76 0.00	61.89 1.02 0.00	75.98 1.39 0.00	45.38 0.78 0.00	38.15 0.63 0.00	33.13 0.45 0.00
LOWVILLE_115KV_TB2 356335	29.28 0.40 0.00	23.78 0.35 0.00	18.81 0.33 0.00	25.09 0.44 0.00	24.30 0.62 0.00	25.91 0.81 0.00	38.51 1.45 0.00	43.26 1.81 0.00	28.74 0.84 0.00	28.02 0.20 0.00	28.48 -0.01 0.00	25.31 -0.07 0.00	21.89 -0.05 0.00	22.19 -0.01 0.00	22.36 -0.02 0.00	22.54 -0.01 0.00	26.58 0.13 0.00	40.89 1.02 0.00	56.24 2.39 0.00	63.76 2.89 0.00	77.98 3.39 0.00	46.65 2.05 0.00	39.16 1.64 0.00	34.07 1.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.54 0.66 0.00	23.99 0.56 0.00	18.92 0.44 0.00	25.24 0.60 0.00	24.29 0.61 0.00	25.74 0.64 0.00	38.20 1.14 0.00	42.77 1.32 0.00	28.68 0.78 0.00	28.39 0.58 0.00	28.98 0.49 0.00	25.82 0.44 0.00	22.38 0.33 -0.11	22.58 0.38 0.00	22.78 0.40 0.00	23.01 0.47 0.00	27.23 0.78 0.00	41.28 1.41 0.00	55.60 1.76 0.00	62.93 2.06 0.00	77.22 2.63 0.00	46.08 1.47 0.00	38.71 1.20 0.00	33.61 0.93 0.00

LUTHERNY_35_KV_BK2 355980	29.54 0.67 0.00	23.99 0.57 0.00	18.92 0.44 0.00	25.24 0.59 0.00	24.29 0.61 0.00	25.75 0.65 0.00	38.26 1.20 0.00	42.81 1.36 0.00	28.70 0.79 0.00	28.40 0.59 0.00	28.99 0.50 0.00	25.83 0.44 0.00	22.39 0.34 -0.11	22.59 0.39 0.00	22.78 0.40 0.00	23.02 0.47 0.00	27.25 0.80 0.00	41.32 1.45 0.00	55.70 1.85 0.00	62.98 2.12 0.00	77.28 2.69 0.00	46.11 1.51 0.00	38.73 1.22 0.00	33.62 0.94 0.00
LWR___OSWEGATCHIE_HYD 23850	29.59 0.71 0.00	23.99 0.56 0.00	18.93 0.45 0.00	25.26 0.62 0.00	24.41 0.73 0.00	26.03 0.92 0.00	38.65 1.59 0.00	43.31 1.86 0.00	28.78 0.87 0.00	28.19 0.37 0.00	28.66 0.17 0.00	25.53 0.14 0.00	22.06 0.12 0.00	22.30 0.09 0.00	22.43 0.05 0.00	22.56 0.01 0.00	26.50 0.05 0.00	40.61 0.74 0.00	55.68 1.84 0.00	63.23 2.36 0.00	77.42 2.83 0.00	46.52 1.92 0.00	39.11 1.60 0.00	34.13 1.44 0.00
LYONS_FALL_HYD 23570	29.32 0.44 0.00	23.79 0.36 0.00	18.81 0.33 0.00	25.08 0.44 0.00	24.22 0.54 0.00	25.79 0.69 0.00	38.28 1.22 0.00	42.95 1.50 0.00	28.64 0.74 0.00	28.06 0.25 0.00	28.59 0.11 0.00	25.41 0.03 0.00	21.98 0.04 0.00	22.28 0.07 0.00	22.46 0.08 0.00	22.64 0.09 0.00	26.68 0.24 0.00	40.83 0.95 0.00	55.86 2.01 0.00	63.26 2.39 0.00	77.41 2.82 0.00	46.29 1.69 0.00	38.87 1.35 0.00	33.79 1.11 0.00
MADISON___COUNTY_LFGE 323628	29.42 0.54 0.00	23.86 0.43 0.00	18.84 0.37 0.00	25.12 0.48 0.00	24.16 0.48 0.00	25.68 0.58 0.00	38.07 1.02 0.00	42.66 1.22 0.00	28.55 0.64 0.00	28.11 0.30 0.00	28.70 0.21 0.00	25.52 0.13 0.00	22.09 0.15 0.00	22.36 0.16 0.00	22.54 0.17 0.00	22.73 0.18 0.00	26.75 0.30 0.00	40.65 0.78 0.00	55.38 1.53 0.00	62.58 1.72 0.00	76.64 2.05 0.00	45.77 1.16 0.00	38.45 0.93 0.00	33.39 0.71 0.00
MALONE___115KV_TB1 356076	29.86 0.98 0.00	24.17 0.75 0.00	19.01 0.53 0.00	25.37 0.73 0.00	24.43 0.75 0.00	26.02 0.91 0.00	38.58 1.52 0.00	43.11 1.66 0.00	28.92 1.02 0.00	28.65 0.84 0.00	29.28 0.79 0.00	26.15 0.77 0.00	22.51 0.57 0.00	22.70 0.49 0.00	22.85 0.47 0.00	23.00 0.45 0.00	26.99 0.54 0.00	40.89 1.02 0.00	55.68 1.83 0.00	63.17 2.31 0.00	77.38 2.79 0.00	46.41 1.81 0.00	39.03 1.51 0.00	34.13 1.45 0.00
MAPLEWOD_115KV_TB3 80458	29.04 0.16 0.00	23.62 0.19 0.00	18.63 0.15 0.00	24.83 0.18 0.00	23.87 0.19 0.00	25.25 0.15 0.00	37.36 0.30 0.00	41.86 0.41 0.00	28.20 0.29 0.00	28.09 0.28 0.00	28.73 0.25 0.00	25.63 0.24 0.00	22.23 0.17 -0.12	22.43 0.22 0.00	22.63 0.25 0.00	22.81 0.26 0.00	26.88 0.43 0.00	40.53 0.66 0.00	54.40 0.55 0.00	61.61 0.75 0.00	75.67 1.09 0.00	45.20 0.59 0.00	38.03 0.51 0.00	33.01 0.33 0.00
MAPLE_RIDGE_WT_1 323574	28.70 -0.18 0.00	23.30 -0.13 0.00	18.34 -0.14 0.00	24.54 -0.11 0.00	23.63 -0.05 0.00	25.10 0.00 0.00	37.04 -0.02 0.00	41.41 -0.04 0.00	27.92 0.01 0.00	27.78 -0.03 0.00	28.44 -0.05 0.00	25.34 -0.04 0.00	21.90 -0.04 0.00	22.22 0.01 0.00	22.42 0.05 0.00	22.59 0.05 0.00	26.50 0.05 0.00	39.98 0.10 0.00	54.05 0.20 0.00	61.11 0.24 0.00	74.82 0.23 0.00	44.77 0.17 0.00	37.65 0.13 0.00	32.82 0.14 0.00
MAPLE_RIDGE_WT_2 323611	28.70 -0.18 0.00	23.30 -0.13 0.00	18.34 -0.14 0.00	24.54 -0.11 0.00	23.63 -0.05 0.00	25.10 0.00 0.00	37.04 -0.02 0.00	41.41 -0.04 0.00	27.92 0.01 0.00	27.78 -0.03 0.00	28.44 -0.05 0.00	25.34 -0.04 0.00	21.90 -0.04 0.00	22.22 0.01 0.00	22.42 0.05 0.00	22.59 0.05 0.00	26.50 0.05 0.00	39.98 0.10 0.00	54.05 0.20 0.00	61.11 0.24 0.00	74.82 0.23 0.00	44.77 0.17 0.00	37.65 0.13 0.00	32.82 0.14 0.00
MARBLE_RIVER_WT_PWR 323696	29.68 0.80 0.00	24.00 0.57 0.00	18.80 0.32 0.00	25.07 0.42 0.00	24.13 0.46 0.00	25.62 0.51 0.00	38.07 1.01 0.00	42.44 1.00 0.00	28.70 0.79 0.00	28.47 0.66 0.00	29.17 0.69 0.00	26.08 0.70 0.00	22.41 0.47 0.00	22.62 0.42 0.00	22.77 0.39 0.00	23.00 0.45 0.00	27.07 0.63 0.00	40.62 0.74 0.00	55.01 1.17 0.00	62.55 1.68 0.00	76.77 2.18 0.00	46.19 1.59 0.00	38.96 1.45 0.00	34.08 1.40 0.00
MARSHVLE_115KV_TB1 80742	29.12 0.24 0.00	23.62 0.19 0.00	18.61 0.13 0.00	24.84 0.20 0.00	23.84 0.16 0.00	25.37 0.27 0.00	37.70 0.64 0.00	43.41 1.97 0.00	28.53 0.63 0.00	27.76 -0.06 0.00	28.34 -0.14 0.00	25.23 -0.16 0.00	21.93 -0.11 -0.10	22.16 -0.05 0.00	22.30 -0.08 0.00	22.25 -0.30 0.00	26.25 -0.20 0.00	40.00 0.13 0.00	54.70 0.86 0.00	61.95 1.08 0.00	75.86 1.27 0.00	45.32 0.71 0.00	38.07 0.55 0.00	33.13 0.45 0.00
MARSH_HILL_WT_PWR 323713	28.97 0.09 0.00	23.47 0.05 0.00	18.45 -0.03 0.00	24.74 0.10 0.00	23.87 0.19 0.00	25.31 0.21 0.00	36.83 -0.22 0.00	41.12 -0.32 0.00	27.77 -0.13 0.00	27.45 -0.36 0.00	28.12 -0.36 0.00	25.04 -0.34 0.00	21.88 0.03 0.09	22.04 -0.17 0.00	22.14 -0.24 0.00	22.20 -0.34 0.00	25.83 -0.62 0.00	38.86 -1.02 0.00	53.42 -0.42 0.00	59.24 -1.63 0.00	72.09 -2.50 0.00	42.87 -1.73 0.00	36.14 -1.38 0.00	31.77 -0.91 0.00
MCINTYRE_115KV_TB2 80467	30.43 1.55 0.00	24.64 1.22 0.00	19.40 0.92 0.00	25.92 1.28 0.00	24.97 1.29 0.00	26.59 1.49 0.00	39.45 2.39 0.00	44.03 2.58 0.00	29.16 1.26 0.00	28.67 0.86 0.00	29.26 0.78 0.00	26.12 0.73 0.00	22.50 0.56 0.00	22.72 0.51 0.00	22.87 0.49 0.00	22.99 0.45 0.00	26.92 0.47 0.00	40.96 1.08 0.00	56.47 2.63 0.00	64.19 3.32 0.00	78.55 3.96 0.00	47.12 2.52 0.00	39.59 2.07 0.00	34.62 1.94 0.00
MECO_____69_KV_BK1 80468	29.67 0.79 0.00	24.07 0.64 0.00	18.96 0.48 0.00	25.31 0.67 0.00	24.31 0.64 0.00	25.88 0.78 0.00	38.47 1.41 0.00	43.91 2.46 0.00	28.80 0.89 0.00	27.75 -0.06 0.00	28.21 -0.28 0.00	25.11 -0.28 0.00	21.86 -0.18 -0.10	22.07 -0.14 0.00	22.21 -0.17 0.00	22.25 -0.30 0.00	26.34 -0.11 0.00	40.57 0.70 0.00	55.93 2.08 0.00	63.43 2.56 0.00	77.73 3.14 0.00	46.34 1.74 0.00	38.88 1.36 0.00	33.78 1.09 0.00
MENANDS___115KV_TB5 355628	28.87 -0.01 0.00	23.49 0.06 0.00	18.53 0.05 0.00	24.69 0.05 0.00	23.74 0.06 0.00	25.11 0.01 0.00	37.12 0.07 0.00	41.58 0.13 0.00	28.04 0.13 0.00	27.95 0.14 0.00	28.61 0.13 0.00	25.53 0.15 0.00	22.15 0.10 -0.12	22.35 0.15 0.00	22.56 0.18 0.00	22.73 0.19 0.00	26.77 0.32 0.00	40.29 0.42 0.00	54.03 0.19 0.00	61.19 0.32 0.00	75.16 0.57 0.00	44.91 0.30 0.00	37.80 0.28 0.00	32.81 0.13 0.00
MG INDUSTRY___DRP 24185	29.00 0.13 0.00	23.60 0.17 0.00	18.63 0.15 0.00	24.85 0.21 0.00	23.87 0.19 0.00	25.25 0.15 0.00	37.29 0.23 0.00	41.71 0.27 0.00	28.02 0.11 0.00	27.83 0.01 0.00	28.57 0.08 0.00	25.49 0.11 0.00	22.07 0.03 -0.10	22.28 0.07 0.00	22.47 0.09 0.00	22.65 0.10 0.00	26.68 0.24 0.00	40.30 0.42 0.00	54.16 0.31 0.00	61.34 0.48 0.00	75.31 0.73 0.00	45.04 0.44 0.00	37.91 0.39 0.00	32.96 0.27 0.00

MID___OSWEGATCHIE_HYD 23849	29.59 0.71 0.00	23.99 0.56 0.00	18.93 0.45 0.00	25.26 0.62 0.00	24.41 0.73 0.00	26.03 0.92 0.00	38.65 1.59 0.00	43.31 1.86 0.00	28.78 0.87 0.00	28.19 0.37 0.00	28.66 0.17 0.00	25.53 0.14 0.00	22.06 0.12 0.00	22.30 0.09 0.00	22.43 0.05 0.00	22.56 0.01 0.00	26.50 0.05 0.00	40.61 0.74 0.00	55.68 1.84 0.00	63.23 2.36 0.00	77.42 2.83 0.00	46.52 1.92 0.00	39.11 1.60 0.00	34.13 1.44 0.00
MID___RAQUETTE_HYD 23851	29.93 1.05 0.00	24.24 0.81 0.00	19.09 0.61 0.00	25.49 0.85 0.00	24.57 0.89 0.00	26.17 1.07 0.00	38.80 1.74 0.00	43.36 1.91 0.00	28.90 0.99 0.00	28.49 0.68 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.36 0.42 0.00	22.58 0.37 0.00	22.71 0.33 0.00	22.81 0.26 0.00	26.66 0.22 0.00	40.59 0.72 0.00	55.33 1.49 0.00	62.84 1.97 0.00	77.05 2.46 0.00	46.41 1.81 0.00	39.10 1.58 0.00	34.19 1.51 0.00
MILLIKEN___1 23584	29.30 0.42 0.00	23.70 0.27 0.00	18.72 0.24 0.00	24.94 0.30 0.00	23.92 0.24 0.00	25.36 0.26 0.00	37.45 0.39 0.00	42.00 0.56 0.00	28.22 0.32 0.00	27.90 0.08 0.00	28.44 -0.04 0.00	25.30 -0.09 0.00	21.82 -0.01 0.11	22.14 -0.07 0.00	22.29 -0.09 0.00	22.45 -0.10 0.00	26.39 -0.06 0.00	40.11 0.23 0.00	54.76 0.91 0.00	61.81 0.94 0.00	75.71 1.12 0.00	45.10 0.50 0.00	37.96 0.45 0.00	33.07 0.39 0.00
MILLIKEN___2 23585	29.30 0.42 0.00	23.70 0.27 0.00	18.72 0.24 0.00	24.94 0.30 0.00	23.92 0.24 0.00	25.36 0.26 0.00	37.45 0.39 0.00	42.00 0.56 0.00	28.22 0.32 0.00	27.90 0.08 0.00	28.44 -0.04 0.00	25.30 -0.09 0.00	21.82 -0.01 0.11	22.14 -0.07 0.00	22.29 -0.09 0.00	22.45 -0.10 0.00	26.39 -0.06 0.00	40.11 0.23 0.00	54.76 0.91 0.00	61.81 0.94 0.00	75.71 1.12 0.00	45.10 0.50 0.00	37.96 0.45 0.00	33.07 0.39 0.00
MILLIKEN___DIESEL 23629	29.30 0.42 0.00	23.70 0.27 0.00	18.72 0.24 0.00	24.94 0.30 0.00	23.92 0.24 0.00	25.36 0.26 0.00	37.45 0.39 0.00	42.00 0.56 0.00	28.22 0.32 0.00	27.90 0.08 0.00	28.44 -0.04 0.00	25.30 -0.09 0.00	21.82 -0.01 0.11	22.14 -0.07 0.00	22.29 -0.09 0.00	22.45 -0.10 0.00	26.39 -0.06 0.00	40.11 0.23 0.00	54.76 0.91 0.00	61.81 0.94 0.00	75.71 1.12 0.00	45.10 0.50 0.00	37.96 0.45 0.00	33.07 0.39 0.00
MILLSEAT___LFGE 323607	29.84 0.97 0.00	24.15 0.73 0.00	19.07 0.60 0.00	25.51 0.87 0.00	24.55 0.87 0.00	26.03 0.93 0.00	37.52 0.46 0.00	41.61 0.16 0.00	28.15 0.25 0.00	28.30 0.49 0.00	29.22 0.74 0.00	26.09 0.71 0.00	22.60 0.73 0.07	22.67 0.46 0.00	22.71 0.33 0.00	22.63 0.08 0.00	25.77 -0.68 0.00	38.08 -1.79 0.00	52.86 -0.99 0.00	59.01 -1.86 0.00	71.89 -2.70 0.00	43.14 -1.46 0.00	36.63 -0.89 0.00	32.84 0.16 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.76 0.88 0.00	24.10 0.67 0.00	18.97 0.49 0.00	25.20 0.56 0.00	24.20 0.52 0.00	25.60 0.50 0.00	37.80 0.74 0.00	42.28 0.83 0.00	28.69 0.79 0.00	28.88 1.06 0.00	29.66 1.18 0.00	26.44 1.06 0.00	23.38 0.93 -0.52	23.24 1.03 0.00	23.43 1.05 0.00	23.64 1.10 0.00	27.67 1.22 0.00	41.34 1.47 0.00	55.30 1.46 0.00	62.45 1.58 0.00	76.51 1.92 0.00	45.84 1.24 0.00	38.64 1.12 0.00	33.38 0.69 0.00
MILLWOOD_13_KV_LOAD 356217	29.82 0.94 0.00	24.15 0.72 0.00	19.00 0.53 0.00	25.25 0.61 0.00	24.25 0.57 0.00	25.65 0.55 0.00	37.88 0.82 0.00	42.37 0.92 0.00	28.76 0.85 0.00	28.93 1.12 0.00	29.71 1.23 0.00	26.48 1.10 0.00	23.41 0.96 -0.52	23.27 1.06 0.00	23.47 1.09 0.00	23.68 1.14 0.00	27.73 1.28 0.00	41.44 1.57 0.00	55.43 1.59 0.00	62.58 1.72 0.00	76.71 2.12 0.00	45.93 1.33 0.00	38.72 1.20 0.00	33.44 0.76 0.00
MODEL_CITY_ENERGY 24167	29.15 0.27 0.00	23.63 0.21 0.00	18.67 0.19 0.00	24.99 0.35 0.00	24.05 0.38 0.00	25.42 0.31 0.00	36.29 -0.77 0.00	40.05 -1.40 0.00	27.22 -0.69 0.00	27.70 -0.11 0.00	28.75 0.27 0.00	25.62 0.23 0.00	22.30 0.43 0.07	22.34 0.13 0.00	22.44 0.06 0.00	22.38 -0.17 0.00	25.35 -1.10 0.00	37.28 -2.59 0.00	50.99 -2.85 0.00	56.71 -4.16 0.00	69.03 -5.56 0.00	41.57 -3.03 0.00	35.48 -2.04 0.00	31.99 -0.69 0.00
MODERN_LFGE___ 323580	29.15 0.27 0.00	23.63 0.21 0.00	18.67 0.19 0.00	24.99 0.35 0.00	24.05 0.38 0.00	25.42 0.31 0.00	36.29 -0.77 0.00	40.05 -1.40 0.00	27.22 -0.69 0.00	27.70 -0.11 0.00	28.75 0.27 0.00	25.62 0.23 0.00	22.30 0.43 0.07	22.34 0.13 0.00	22.44 0.06 0.00	22.38 -0.17 0.00	25.35 -1.10 0.00	37.28 -2.59 0.00	50.99 -2.85 0.00	56.71 -4.16 0.00	69.03 -5.56 0.00	41.57 -3.03 0.00	35.48 -2.04 0.00	31.99 -0.69 0.00
MOHAWK_PAPER___DRP 24187	29.04 0.16 0.00	23.62 0.19 0.00	18.63 0.15 0.00	24.83 0.18 0.00	23.87 0.19 0.00	25.25 0.15 0.00	37.36 0.30 0.00	41.86 0.41 0.00	28.20 0.29 0.00	28.09 0.28 0.00	28.73 0.25 0.00	25.63 0.24 0.00	22.23 0.17 -0.12	22.43 0.22 0.00	22.63 0.25 0.00	22.81 0.26 0.00	26.88 0.43 0.00	40.53 0.66 0.00	54.40 0.55 0.00	61.61 0.75 0.00	75.67 1.09 0.00	45.20 0.59 0.00	38.03 0.51 0.00	33.01 0.33 0.00
MOHICAN___35_KV_115KV_LD 80490	29.65 0.78 0.00	24.07 0.64 0.00	18.99 0.51 0.00	25.34 0.70 0.00	24.43 0.75 0.00	25.90 0.80 0.00	38.54 1.48 0.00	43.18 1.73 0.00	28.92 1.01 0.00	28.45 0.64 0.00	29.00 0.51 0.00	25.85 0.46 0.00	22.36 0.32 -0.11	22.56 0.35 0.00	22.75 0.38 0.00	23.06 0.51 0.00	27.36 0.91 0.00	41.61 1.74 0.00	56.09 2.24 0.00	63.52 2.65 0.00	77.95 3.36 0.00	46.46 1.86 0.00	39.00 1.49 0.00	33.83 1.15 0.00
MONGAUP___HYD 23641	29.85 0.97 0.00	24.18 0.76 0.00	19.03 0.55 0.00	25.30 0.66 0.00	24.28 0.60 0.00	25.72 0.62 0.00	38.03 0.97 0.00	42.58 1.13 0.00	28.74 0.84 0.00	28.56 0.75 0.00	29.19 0.70 0.00	26.00 0.62 0.00	21.36 0.54 1.12	22.83 0.62 0.00	23.02 0.64 0.00	23.24 0.69 0.00	27.25 0.80 0.00	41.10 1.23 0.00	55.71 1.86 0.00	63.05 2.19 0.00	77.32 2.73 0.00	46.23 1.63 0.00	38.87 1.35 0.00	33.54 0.86 0.00
MONTAUK___DIESEL 23721	26.35 -0.20 2.33	22.81 -0.57 0.05	17.50 -0.51 0.47	-17.35 -0.80 41.19	13.01 -0.82 9.85	19.98 -0.94 4.18	19.00 -1.34 16.72	25.84 -0.59 15.01	20.53 0.91 8.28	21.97 1.17 7.01	-57.38 1.57 87.44	-447.68 1.37 474.43	-4.23 1.28 27.45	23.92 1.71 0.00	26.21 1.82 -2.01	25.89 1.58 -1.77	29.86 1.57 -1.84	41.58 1.71 0.00	54.90 1.05 0.00	62.01 1.14 0.00	75.80 1.39 0.18	42.46 1.48 3.61	36.98 1.43 1.97	29.05 1.35 4.99
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.31 0.44 0.00	23.71 0.28 0.00	18.62 0.14 0.00	24.96 0.31 0.00	24.08 0.40 0.00	25.57 0.47 0.00	36.86 -0.20 0.00	41.17 -0.28 0.00	28.19 0.28 0.00	28.59 0.78 0.00	29.55 1.06 0.00	26.20 0.82 0.00	22.85 0.99 0.08	22.99 0.79 0.00	23.08 0.70 0.00	23.05 0.50 0.00	26.43 -0.02 0.00	39.12 -0.75 0.00	53.61 -0.23 0.00	59.18 -1.69 0.00	72.16 -2.43 0.00	43.10 -1.51 0.00	36.28 -1.24 0.00	32.02 -0.66 0.00

MORRIS_RIDGE___SOLAR 323848	29.07 0.19 0.00	23.54 0.12 0.00	18.57 0.09 0.00	24.84 0.20 0.00	23.89 0.21 0.00	25.30 0.19 0.00	36.69 -0.37 0.00	40.87 -0.58 0.00	27.57 -0.34 0.00	27.38 -0.43 0.00	28.20 -0.29 0.00	25.07 -0.31 0.00	21.85 0.00 0.09	21.98 -0.22 0.00	22.08 -0.31 0.00	22.11 -0.44 0.00	25.59 -0.86 0.00	38.44 -1.44 0.00	52.88 -0.97 0.00	58.82 -2.04 0.00	71.67 -2.91 0.00	42.80 -1.80 0.00	36.18 -1.34 0.00	31.98 -0.70 0.00
MORTIMER_115KV_TB3 55949	29.36 0.48 0.00	23.77 0.34 0.00	18.77 0.29 0.00	25.07 0.43 0.00	24.11 0.43 0.00	25.59 0.49 0.00	37.27 0.21 0.00	41.49 0.04 0.00	28.02 0.11 0.00	28.12 0.31 0.00	29.02 0.53 0.00	25.83 0.45 0.00	22.39 0.51 0.06	22.52 0.31 0.00	22.62 0.24 0.00	22.64 0.09 0.00	26.18 -0.27 0.00	39.16 -0.72 0.00	53.49 -0.36 0.00	59.87 -1.00 0.00	73.10 -1.49 0.00	43.71 -0.89 0.00	36.89 -0.63 0.00	32.68 -0.01 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.91 1.03 0.00	24.21 0.79 0.00	19.06 0.57 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.71 0.60 0.00	37.94 0.88 0.00	42.41 0.97 0.00	28.82 0.91 0.00	29.05 1.24 0.00	29.87 1.38 0.00	26.63 1.24 0.00	23.54 1.11 -0.49	23.43 1.22 0.00	23.62 1.24 0.00	23.84 1.29 0.00	27.87 1.42 0.00	41.55 1.68 0.00	55.48 1.64 0.00	62.67 1.80 0.00	76.76 2.17 0.00	46.02 1.42 0.00	38.84 1.32 0.00	33.55 0.87 0.00
MUNSVILLE_WIND_PWR 323609	31.04 2.16 0.00	24.85 1.42 0.00	19.75 1.27 0.00	26.09 1.45 0.00	24.93 1.25 0.00	26.45 1.36 0.00	39.67 2.61 0.00	45.37 3.93 0.00	29.93 2.03 0.00	28.85 1.04 0.00	28.88 0.40 0.00	25.77 0.39 0.00	22.30 0.63 0.27	22.88 0.67 0.00	23.01 0.63 0.00	23.16 0.61 0.00	27.82 1.37 0.00	42.93 3.05 0.00	59.60 5.75 0.00	67.09 6.22 0.00	82.03 7.44 0.00	48.73 4.13 0.00	40.90 3.38 0.00	35.48 2.80 0.00
N SALMON___HYD 24042	29.86 0.98 0.00	24.17 0.75 0.00	19.01 0.53 0.00	25.37 0.73 0.00	24.43 0.75 0.00	26.01 0.91 0.00	38.58 1.52 0.00	43.11 1.66 0.00	28.92 1.02 0.00	28.65 0.84 0.00	29.28 0.79 0.00	26.15 0.77 0.00	22.51 0.57 0.00	22.70 0.49 0.00	22.85 0.47 0.00	23.00 0.45 0.00	26.99 0.54 0.00	40.89 1.02 0.00	55.67 1.83 0.00	63.17 2.31 0.00	77.41 2.82 0.00	46.41 1.81 0.00	39.03 1.51 0.00	34.14 1.46 0.00
N.AKRON__115KV_KNAPP 355671	29.83 0.95 0.00	24.15 0.73 0.00	19.07 0.59 0.00	25.51 0.86 0.00	24.54 0.87 0.00	26.01 0.91 0.00	37.48 0.42 0.00	41.56 0.11 0.00	28.13 0.22 0.00	28.30 0.49 0.00	29.23 0.74 0.00	26.08 0.70 0.00	22.60 0.73 0.07	22.66 0.45 0.00	22.70 0.32 0.00	22.63 0.09 0.00	25.74 -0.71 0.00	38.02 -1.85 0.00	52.51 -1.34 0.00	58.53 -2.34 0.00	71.36 -3.23 0.00	42.82 -1.78 0.00	36.40 -1.12 0.00	32.69 0.01 0.00
N.E_GEN_SANDY PD 24062	28.82 0.19 0.24	23.62 0.19 0.00	18.63 0.15 0.00	24.81 0.17 0.00	23.92 0.19 -0.05	25.23 0.13 0.00	37.72 0.30 -0.37	41.83 0.38 0.00	28.29 0.35 -0.03	28.09 0.43 0.15	28.92 0.44 0.00	25.80 0.42 0.00	22.47 0.32 -0.21	22.61 0.40 0.00	22.82 0.44 0.00	22.98 0.43 0.00	27.03 0.59 0.01	40.41 0.77 0.24	53.39 0.58 1.04	62.14 0.79 -0.49	75.74 1.15 0.00	45.29 0.68 0.00	38.11 0.59 0.00	33.03 0.35 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.76 0.88 0.00	24.09 0.67 0.00	18.96 0.48 0.00	25.20 0.56 0.00	24.20 0.52 0.00	25.61 0.50 0.00	37.82 0.76 0.00	42.29 0.84 0.00	28.72 0.81 0.00	28.88 1.07 0.00	29.64 1.16 0.00	26.43 1.05 0.00	21.50 0.91 1.35	23.22 1.01 0.00	23.42 1.04 0.00	23.64 1.09 0.00	27.66 1.21 0.00	41.36 1.49 0.00	55.41 1.56 0.00	62.52 1.66 0.00	76.57 1.98 0.00	45.86 1.26 0.00	38.63 1.11 0.00	33.32 0.64 0.00
N.QUEENS_27_KV_LOAD 356247	29.99 1.11 0.00	24.39 0.96 0.00	19.19 0.71 0.00	25.48 0.84 0.00	24.47 0.79 0.00	25.87 0.77 0.00	38.24 1.18 0.00	42.75 1.31 0.00	29.09 1.18 0.00	29.28 1.47 0.00	30.11 1.62 0.00	26.72 1.33 0.00	23.69 1.26 -0.49	23.60 1.39 0.00	23.79 1.41 0.00	23.99 1.44 0.00	28.01 1.56 0.00	41.73 1.86 0.00	55.59 1.74 0.00	62.65 1.78 0.00	76.69 2.10 0.00	46.02 1.42 0.00	38.81 1.29 0.00	32.74 0.81 0.75
N.TROY___115KV_TB1 355778	29.10 0.22 0.00	23.65 0.22 0.00	18.66 0.19 0.00	24.89 0.25 0.00	23.94 0.26 0.00	25.33 0.23 0.00	37.53 0.48 0.00	42.01 0.57 0.00	28.28 0.37 0.00	28.12 0.31 0.00	28.74 0.26 0.00	25.63 0.25 0.00	22.22 0.17 -0.12	22.43 0.22 0.00	22.63 0.25 0.00	22.82 0.27 0.00	26.93 0.48 0.00	40.68 0.80 0.00	54.61 0.76 0.00	61.89 1.02 0.00	76.01 1.42 0.00	45.38 0.78 0.00	38.15 0.63 0.00	33.13 0.45 0.00
NARROWS_GT1_1 24228	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT1_2 24229	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT1_3 24230	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT1_4 24231	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT1_5 24232	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00

NARROWS_GT1_6 24233	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT1_7 24234	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT1_8 24235	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT2_1 24236	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT2_2 24237	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT2_3 24238	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT2_4 24239	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT2_5 24240	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT2_6 24241	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT2_7 24242	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NARROWS_GT2_8 24243	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.19 0.32 0.00	23.75 0.33 0.00	18.74 0.27 0.00	25.00 0.36 0.00	24.04 0.36 0.00	25.47 0.37 0.00	37.72 0.67 0.00	42.34 0.89 0.00	28.40 0.49 0.00	27.98 0.17 0.00	28.59 0.10 0.00	25.49 0.10 0.00	22.06 0.05 -0.08	22.28 0.07 0.00	22.49 0.11 0.00	22.68 0.14 0.00	26.78 0.33 0.00	40.66 0.78 0.00	55.02 1.18 0.00	62.46 1.60 0.00	76.68 2.09 0.00	45.78 1.18 0.00	38.44 0.92 0.00	33.38 0.70 0.00
NCHELSEA_115KV_TR2 355582	29.92 1.04 0.00	24.24 0.81 0.00	19.09 0.61 0.00	25.38 0.73 0.00	24.36 0.69 0.00	25.79 0.69 0.00	38.12 1.07 0.00	42.66 1.21 0.00	28.91 1.00 0.00	29.01 1.20 0.00	29.76 1.27 0.00	26.50 1.12 0.00	22.90 0.96 0.00	23.27 1.06 0.00	23.47 1.09 0.00	23.70 1.15 0.00	27.80 1.35 0.00	41.66 1.78 0.00	55.80 1.96 0.00	63.06 2.19 0.00	77.30 2.72 0.00	46.24 1.65 0.00	38.92 1.40 0.00	33.63 0.95 0.00
NEG CAPITAL____MECHNVIL 23645	29.55 0.67 0.00	24.00 0.58 0.00	18.94 0.46 0.00	25.25 0.61 0.00	24.30 0.62 0.00	25.75 0.65 0.00	38.20 1.15 0.00	42.78 1.34 0.00	28.71 0.81 0.00	28.43 0.62 0.00	29.03 0.54 0.00	25.87 0.49 0.00	22.42 0.37 -0.11	22.63 0.42 0.00	22.82 0.44 0.00	23.06 0.51 0.00	27.27 0.82 0.00	41.34 1.46 0.00	55.65 1.81 0.00	63.00 2.13 0.00	77.31 2.72 0.00	46.14 1.54 0.00	38.76 1.24 0.00	33.63 0.96 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.77 -0.10 0.00	23.30 -0.13 0.00	18.40 -0.08 0.00	24.55 -0.09 0.00	23.62 -0.06 0.00	25.08 -0.02 0.00	36.61 -0.45 0.00	40.81 -0.64 0.00	27.58 -0.33 0.00	27.62 -0.19 0.00	28.46 -0.03 0.00	25.27 -0.12 0.00	21.89 0.01 0.06	22.04 -0.17 0.00	22.14 -0.24 0.00	22.16 -0.39 0.00	25.72 -0.73 0.00	38.61 -1.26 0.00	52.73 -1.11 0.00	59.08 -1.79 0.00	72.11 -2.48 0.00	43.10 -1.50 0.00	36.36 -1.16 0.00	32.09 -0.59 0.00



NEG CENTRAL___DRP 24199	29.12 0.24 0.00	23.58 0.15 0.00	18.62 0.14 0.00	24.84 0.20 0.00	23.86 0.18 0.00	25.32 0.22 0.00	37.21 0.15 0.00	41.58 0.13 0.00	28.03 0.13 0.00	27.85 0.04 0.00	28.52 0.04 0.00	25.33 -0.05 0.00	21.94 0.06 0.06	22.17 -0.04 0.00	22.29 -0.09 0.00	22.40 -0.15 0.00	26.18 -0.26 0.00	39.52 -0.35 0.00	53.94 0.10 0.00	60.72 -0.15 0.00	74.24 -0.34 0.00	44.27 -0.33 0.00	37.35 -0.17 0.00	32.66 -0.02 0.00
NEG CENTRAL___INDECK 23768	30.14 1.26 0.00	24.36 0.93 0.00	19.22 0.74 0.00	25.71 1.07 0.00	24.75 1.07 0.00	26.31 1.21 0.00	38.45 1.39 0.00	42.90 1.45 0.00	28.82 0.91 0.00	28.34 0.53 0.00	29.15 0.66 0.00	25.94 0.55 0.00	22.53 0.67 0.08	22.59 0.38 0.00	22.67 0.29 0.00	22.75 0.21 0.00	26.40 -0.04 0.00	39.74 -0.14 0.00	55.09 1.24 0.00	61.92 1.05 0.00	75.51 0.92 0.00	45.03 0.43 0.00	37.89 0.37 0.00	33.43 0.75 0.00
NEG CENTRAL___SENECA 23627	29.29 0.42 0.00	23.69 0.27 0.00	18.70 0.22 0.00	24.96 0.32 0.00	24.00 0.32 0.00	25.47 0.37 0.00	37.34 0.28 0.00	41.69 0.24 0.00	28.17 0.26 0.00	27.97 0.16 0.00	28.70 0.21 0.00	25.45 0.07 0.00	22.07 0.20 0.07	22.28 0.07 0.00	22.37 -0.01 0.00	22.45 -0.09 0.00	26.23 -0.22 0.00	39.47 -0.40 0.00	54.06 0.21 0.00	60.70 -0.16 0.00	74.17 -0.42 0.00	44.25 -0.36 0.00	37.39 -0.13 0.00	32.75 0.07 0.00
NEG CENTRAL___STATE_STREET 24147	29.07 0.19 0.00	23.55 0.12 0.00	18.61 0.13 0.00	24.81 0.17 0.00	23.76 0.09 0.00	25.18 0.08 0.00	37.13 0.07 0.00	41.54 0.09 0.00	27.95 0.04 0.00	27.77 -0.04 0.00	28.41 -0.07 0.00	25.26 -0.12 0.00	21.85 -0.03 0.06	22.11 -0.09 0.00	22.27 -0.11 0.00	22.42 -0.13 0.00	26.21 -0.24 0.00	39.79 -0.08 0.00	54.16 0.31 0.00	61.09 0.22 0.00	74.81 0.22 0.00	44.47 -0.13 0.00	37.51 -0.01 0.00	32.73 0.05 0.00
NEG MILLWOOD___DRP 24198	29.96 1.08 0.00	24.27 0.84 0.00	19.11 0.62 0.00	25.39 0.75 0.00	24.38 0.70 0.00	25.80 0.70 0.00	38.16 1.10 0.00	42.71 1.26 0.00	28.95 1.05 0.00	29.11 1.30 0.00	29.90 1.41 0.00	26.63 1.25 0.00	23.20 1.07 -0.19	23.39 1.18 0.00	23.59 1.21 0.00	23.80 1.25 0.00	27.90 1.45 0.00	41.76 1.88 0.00	55.92 2.08 0.00	63.21 2.34 0.00	77.45 2.87 0.00	46.35 1.75 0.00	39.02 1.50 0.00	33.71 1.03 0.00
NEG NORTH_FLCN_SEA 23793	29.84 0.96 0.00	24.16 0.73 0.00	18.94 0.46 0.00	25.26 0.61 0.00	24.30 0.62 0.00	25.69 0.59 0.00	38.11 1.05 0.00	42.44 0.99 0.00	28.70 0.79 0.00	28.46 0.64 0.00	29.15 0.67 0.00	26.07 0.68 0.00	22.40 0.46 0.00	22.62 0.41 0.00	22.76 0.38 0.00	22.99 0.44 0.00	27.06 0.61 0.00	40.52 0.65 0.00	54.88 1.03 0.00	62.46 1.60 0.00	76.77 2.19 0.00	46.32 1.72 0.00	39.07 1.55 0.00	34.16 1.48 0.00
NEG NORTH_KES_CHATEGAY 23792	29.51 0.64 0.00	23.92 0.49 0.00	18.79 0.32 0.00	25.08 0.44 0.00	24.14 0.46 0.00	25.68 0.57 0.00	38.03 0.97 0.00	42.41 0.97 0.00	28.49 0.59 0.00	28.32 0.51 0.00	28.99 0.50 0.00	25.92 0.53 0.00	22.30 0.36 0.00	22.51 0.30 0.00	22.67 0.29 0.00	22.85 0.31 0.00	26.81 0.36 0.00	40.42 0.54 0.00	54.94 1.10 0.00	62.30 1.43 0.00	76.29 1.70 0.00	45.72 1.12 0.00	38.48 0.96 0.00	33.66 0.98 0.00
NEG NORTH___ALICE_FALLS 23915	29.89 1.01 0.00	24.18 0.75 0.00	18.97 0.49 0.00	25.31 0.66 0.00	24.36 0.69 0.00	25.83 0.73 0.00	38.35 1.29 0.00	42.78 1.34 0.00	28.83 0.93 0.00	28.53 0.72 0.00	29.22 0.73 0.00	26.11 0.72 0.00	22.44 0.50 0.00	22.64 0.44 0.00	22.80 0.42 0.00	23.01 0.46 0.00	27.07 0.62 0.00	40.73 0.85 0.00	55.38 1.53 0.00	63.00 2.14 0.00	77.31 2.73 0.00	46.46 1.86 0.00	39.13 1.61 0.00	34.20 1.51 0.00
NEG NORTH___LWR_SARANAC 23913	29.89 1.01 0.00	24.18 0.75 0.00	18.97 0.49 0.00	25.31 0.66 0.00	24.36 0.69 0.00	25.83 0.73 0.00	38.35 1.29 0.00	42.78 1.34 0.00	28.83 0.93 0.00	28.53 0.72 0.00	29.22 0.73 0.00	26.11 0.72 0.00	22.44 0.50 0.00	22.64 0.44 0.00	22.80 0.42 0.00	23.01 0.46 0.00	27.07 0.62 0.00	40.73 0.85 0.00	55.38 1.53 0.00	63.00 2.14 0.00	77.31 2.73 0.00	46.46 1.86 0.00	39.13 1.61 0.00	34.20 1.51 0.00
NEG NORTH___PLATTSBURG 23628	29.89 1.01 0.00	24.18 0.75 0.00	18.97 0.49 0.00	25.31 0.66 0.00	24.36 0.69 0.00	25.83 0.73 0.00	38.35 1.29 0.00	42.78 1.34 0.00	28.83 0.93 0.00	28.53 0.72 0.00	29.22 0.73 0.00	26.10 0.72 0.00	22.44 0.50 0.00	22.64 0.44 0.00	22.80 0.42 0.00	23.01 0.46 0.00	27.07 0.62 0.00	40.73 0.85 0.00	55.38 1.53 0.00	63.00 2.14 0.00	77.32 2.73 0.00	46.46 1.87 0.00	39.13 1.61 0.00	34.20 1.52 0.00
NEG WEST_LEA_LOCKPORT 23791	29.35 0.47 0.00	23.78 0.36 0.00	18.78 0.31 0.00	25.14 0.50 0.00	24.19 0.51 0.00	25.57 0.47 0.00	36.62 -0.44 0.00	40.44 -1.01 0.00	27.48 -0.43 0.00	27.92 0.11 0.00	28.96 0.48 0.00	25.78 0.40 0.00	22.43 0.57 0.07	22.47 0.27 0.00	22.57 0.19 0.00	22.52 -0.03 0.00	25.56 -0.89 0.00	37.64 -2.23 0.00	51.56 -2.28 0.00	57.33 -3.54 0.00	69.89 -4.70 0.00	42.00 -2.60 0.00	35.78 -1.74 0.00	32.22 -0.46 0.00
NEG WEST___LANCASTR 23811	29.19 0.31 0.00	23.61 0.18 0.00	18.65 0.17 0.00	24.95 0.31 0.00	23.96 0.29 0.00	25.37 0.27 0.00	36.55 -0.51 0.00	40.60 -0.85 0.00	27.59 -0.31 0.00	27.98 0.17 0.00	28.98 0.49 0.00	25.74 0.36 0.00	22.38 0.52 0.08	22.45 0.24 0.00	22.56 0.18 0.00	22.52 -0.02 0.00	25.79 -0.66 0.00	38.14 -1.74 0.00	52.12 -1.73 0.00	57.95 -2.92 0.00	70.70 -3.88 0.00	42.37 -2.23 0.00	35.93 -1.59 0.00	32.08 -0.60 0.00
NEG_PENN_ALLEGHNY 23528	29.07 0.19 0.00	23.52 0.10 0.00	18.56 0.08 0.00	24.78 0.14 0.00	23.77 0.09 0.00	25.18 0.08 0.00	37.05 -0.01 0.00	41.57 0.12 0.00	28.06 0.16 0.00	27.97 0.15 0.00	28.69 0.21 0.00	25.53 0.14 0.00	22.01 0.21 0.14	22.36 0.15 0.00	22.49 0.11 0.00	22.63 0.08 0.00	26.52 0.08 0.00	39.85 -0.02 0.00	53.99 0.14 0.00	60.77 -0.10 0.00	74.43 -0.16 0.00	44.44 -0.17 0.00	37.43 -0.09 0.00	32.60 -0.08 0.00
NEG___GEN_MONROE 24207	29.64 0.76 0.00	24.09 0.67 0.00	19.07 0.59 0.00	25.46 0.82 0.00	24.53 0.85 0.00	26.04 0.94 0.00	37.86 0.80 0.00	41.93 0.48 0.00	28.24 0.34 0.00	28.36 0.55 0.00	29.29 0.80 0.00	26.10 0.72 0.00	22.66 0.78 0.06	22.74 0.53 0.00	22.81 0.43 0.00	22.78 0.23 0.00	26.24 -0.21 0.00	39.13 -0.74 0.00	53.75 -0.10 0.00	60.16 -0.70 0.00	73.44 -1.15 0.00	43.92 -0.68 0.00	37.08 -0.43 0.00	32.90 0.22 0.00
NEPA___ENERGY 23901	29.03 0.15 0.00	23.40 -0.03 0.00	18.46 -0.02 0.00	24.73 0.09 0.00	23.73 0.05 0.00	25.15 0.05 0.00	36.33 -0.73 0.00	40.54 -0.90 0.00	27.61 -0.29 0.00	27.94 0.13 0.00	28.95 0.46 0.00	25.69 0.30 0.00	22.35 0.49 0.08	22.43 0.22 0.00	22.49 0.11 0.00	22.50 -0.05 0.00	25.87 -0.58 0.00	38.26 -1.61 0.00	52.45 -1.40 0.00	58.23 -2.64 0.00	71.13 -3.46 0.00	42.47 -2.13 0.00	35.94 -1.58 0.00	31.78 -0.90 0.00

NEVERSINK___HYD 23608	29.34 0.47 0.00	23.76 0.33 0.00	18.70 0.23 0.00	24.86 0.22 0.00	23.87 0.20 0.00	25.28 0.18 0.00	37.38 0.32 0.00	41.86 0.41 0.00	28.35 0.44 0.00	28.34 0.53 0.00	28.97 0.48 0.00	25.79 0.41 0.00	21.82 0.36 0.49	22.66 0.46 0.00	22.84 0.46 0.00	23.08 0.54 0.00	27.11 0.66 0.00	40.79 0.91 0.00	54.90 1.05 0.00	62.02 1.16 0.00	75.99 1.40 0.00	45.45 0.84 0.00	38.22 0.70 0.00	32.99 0.31 0.00
NEWKRMKL_115KV_TB1 55635	28.78 -0.09 0.00	23.42 -0.01 0.00	18.48 0.00 0.00	24.62 -0.02 0.00	23.67 -0.01 0.00	25.03 -0.07 0.00	36.99 -0.07 0.00	41.44 0.00 0.00	27.94 0.04 0.00	27.84 0.03 0.00	28.51 0.02 0.00	25.44 0.06 0.00	22.07 0.02 -0.11	22.28 0.07 0.00	22.48 0.10 0.00	22.66 0.12 0.00	26.69 0.24 0.00	40.17 0.29 0.00	53.84 -0.01 0.00	60.96 0.09 0.00	74.86 0.27 0.00	44.72 0.12 0.00	37.66 0.14 0.00	32.69 0.01 0.00
NEWTON___FALLS_HYD 23847	29.59 0.71 0.00	23.99 0.56 0.00	18.93 0.45 0.00	25.26 0.62 0.00	24.41 0.73 0.00	26.03 0.92 0.00	38.65 1.59 0.00	43.31 1.86 0.00	28.78 0.87 0.00	28.19 0.37 0.00	28.66 0.17 0.00	25.53 0.14 0.00	22.06 0.12 0.00	22.30 0.09 0.00	22.43 0.05 0.00	22.56 0.01 0.00	26.50 0.05 0.00	40.61 0.74 0.00	55.68 1.84 0.00	63.23 2.36 0.00	77.42 2.83 0.00	46.52 1.92 0.00	39.11 1.60 0.00	34.13 1.44 0.00
NGRID_A1_DSASP 323792	29.13 0.25 0.00	23.61 0.18 0.00	18.65 0.17 0.00	24.97 0.33 0.00	24.04 0.36 0.00	25.46 0.36 0.00	36.39 -0.67 0.00	40.16 -1.29 0.00	27.26 -0.65 0.00	27.80 -0.01 0.00	28.87 0.39 0.00	25.64 0.26 0.00	22.32 0.45 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.43 -0.12 0.00	25.51 -0.94 0.00	37.32 -2.55 0.00	50.81 -3.04 0.00	56.44 -4.42 0.00	68.72 -5.86 0.00	41.38 -3.21 0.00	35.22 -2.30 0.00	31.95 -0.73 0.00
NGRID_A2_DSASP 323793	29.13 0.25 0.00	23.61 0.18 0.00	18.65 0.17 0.00	24.97 0.33 0.00	24.04 0.36 0.00	25.46 0.36 0.00	36.39 -0.67 0.00	40.16 -1.29 0.00	27.26 -0.65 0.00	27.80 -0.01 0.00	28.87 0.39 0.00	25.64 0.26 0.00	22.32 0.45 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.43 -0.12 0.00	25.51 -0.94 0.00	37.32 -2.55 0.00	50.81 -3.04 0.00	56.44 -4.42 0.00	68.72 -5.86 0.00	41.38 -3.21 0.00	35.22 -2.30 0.00	31.95 -0.73 0.00
NGRID_A4_DSASP 323807	29.13 0.25 0.00	23.61 0.18 0.00	18.65 0.17 0.00	24.97 0.33 0.00	24.04 0.36 0.00	25.46 0.36 0.00	36.39 -0.67 0.00	40.16 -1.29 0.00	27.26 -0.65 0.00	27.80 -0.01 0.00	28.87 0.39 0.00	25.64 0.26 0.00	22.32 0.45 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.43 -0.12 0.00	25.51 -0.94 0.00	37.32 -2.55 0.00	50.81 -3.04 0.00	56.44 -4.42 0.00	68.72 -5.86 0.00	41.38 -3.21 0.00	35.22 -2.30 0.00	31.95 -0.73 0.00
NIAGARA_115E_LBMP 323715	29.04 0.17 0.00	23.55 0.12 0.00	18.60 0.12 0.00	24.90 0.26 0.00	23.97 0.29 0.00	25.32 0.22 0.00	36.11 -0.95 0.00	39.82 -1.63 0.00	27.08 -0.83 0.00	27.58 -0.23 0.00	28.65 0.17 0.00	25.53 0.15 0.00	22.24 0.37 0.07	22.27 0.07 0.00	22.38 0.00 0.00	22.31 -0.24 0.00	25.24 -1.21 0.00	37.09 -2.78 0.00	50.67 -3.18 0.00	56.34 -4.53 0.00	68.57 -6.01 0.00	41.32 -3.29 0.00	35.30 -2.21 0.00	31.86 -0.82 0.00
NIAGARA_115W_LBMP 323714	29.10 0.22 0.00	23.57 0.15 0.00	18.63 0.15 0.00	24.94 0.30 0.00	24.01 0.33 0.00	25.43 0.33 0.00	36.34 -0.72 0.00	40.10 -1.35 0.00	27.22 -0.68 0.00	27.77 -0.04 0.00	28.83 0.35 0.00	25.61 0.23 0.00	22.29 0.42 0.07	22.33 0.12 0.00	22.43 0.05 0.00	22.40 -0.15 0.00	25.47 -0.97 0.00	37.25 -2.62 0.00	50.70 -3.14 0.00	56.33 -4.54 0.00	68.59 -6.00 0.00	41.31 -3.29 0.00	35.17 -2.35 0.00	31.91 -0.77 0.00
NIAGARA_230_LBMP 323716	29.14 0.27 0.00	23.61 0.19 0.00	18.66 0.18 0.00	24.97 0.33 0.00	24.03 0.35 0.00	25.44 0.34 0.00	36.40 -0.66 0.00	40.19 -1.26 0.00	27.29 -0.61 0.00	27.81 -0.01 0.00	28.86 0.37 0.00	25.64 0.26 0.00	22.31 0.44 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.43 -0.12 0.00	25.52 -0.92 0.00	37.53 -2.35 0.00	51.19 -2.65 0.00	56.88 -3.98 0.00	69.28 -5.30 0.00	41.69 -2.91 0.00	35.46 -2.05 0.00	31.98 -0.70 0.00
NIAGARA___115KV_198_GIBSON 55903	29.09 0.22 0.00	23.57 0.15 0.00	18.63 0.15 0.00	24.94 0.30 0.00	24.00 0.32 0.00	25.41 0.31 0.00	36.34 -0.72 0.00	40.10 -1.35 0.00	27.23 -0.68 0.00	27.76 -0.05 0.00	28.83 0.35 0.00	25.61 0.22 0.00	22.29 0.42 0.07	22.33 0.12 0.00	22.44 0.06 0.00	22.40 -0.15 0.00	25.47 -0.98 0.00	37.25 -2.62 0.00	50.71 -3.14 0.00	56.33 -4.54 0.00	68.68 -5.91 0.00	41.31 -3.29 0.00	35.17 -2.35 0.00	31.91 -0.77 0.00
NIAGARA____ 23760	29.14 0.27 0.00	23.61 0.19 0.00	18.66 0.18 0.00	24.97 0.33 0.00	24.03 0.35 0.00	25.44 0.34 0.00	36.40 -0.66 0.00	40.19 -1.26 0.00	27.29 -0.61 0.00	27.81 -0.01 0.00	28.86 0.37 0.00	25.64 0.26 0.00	22.31 0.44 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.43 -0.12 0.00	25.52 -0.92 0.00	37.53 -2.35 0.00	51.19 -2.65 0.00	56.88 -3.98 0.00	69.28 -5.30 0.00	41.69 -2.91 0.00	35.46 -2.05 0.00	31.98 -0.70 0.00
NINE_MILE_1 23575	28.03 -0.85 0.00	22.74 -0.69 0.00	17.96 -0.52 0.00	23.92 -0.72 0.00	22.98 -0.70 0.00	24.37 -0.73 0.00	35.95 -1.11 0.00	40.22 -1.23 0.00	27.08 -0.82 0.00	26.96 -0.86 0.00	27.61 -0.88 0.00	24.59 -0.79 0.00	21.29 -0.65 0.00	21.53 -0.68 0.00	21.68 -0.70 0.00	21.84 -0.70 0.00	25.61 -0.84 0.00	38.62 -1.26 0.00	52.23 -1.61 0.00	58.99 -1.88 0.00	72.26 -2.33 0.00	43.17 -1.43 0.00	36.33 -1.20 0.00	31.66 -1.03 0.00
NINE_MILE_2 23744	28.03 -0.85 0.00	22.74 -0.69 0.00	17.96 -0.52 0.00	23.93 -0.71 0.00	22.98 -0.70 0.00	24.37 -0.73 0.00	35.95 -1.11 0.00	40.22 -1.22 0.00	27.08 -0.82 0.00	26.96 -0.85 0.00	27.61 -0.88 0.00	24.60 -0.79 0.00	21.29 -0.65 0.00	21.53 -0.68 0.00	21.69 -0.69 0.00	21.84 -0.70 0.00	25.61 -0.84 0.00	38.62 -1.26 0.00	52.23 -1.61 0.00	58.99 -1.88 0.00	72.26 -2.33 0.00	43.18 -1.42 0.00	36.33 -1.19 0.00	31.66 -1.03 0.00
NM_CAPITAL___DRP 24208	28.81 -0.06 0.00	23.44 0.02 0.00	18.49 0.01 0.00	24.64 0.00 0.00	23.69 0.02 0.00	25.06 -0.04 0.00	37.04 -0.02 0.00	41.49 0.05 0.00	27.98 0.07 0.00	27.89 0.08 0.00	28.56 0.07 0.00	25.49 0.10 0.00	22.12 0.06 -0.12	22.32 0.11 0.00	22.52 0.14 0.00	22.69 0.15 0.00	26.72 0.27 0.00	40.21 0.34 0.00	53.89 0.04 0.00	61.05 0.18 0.00	74.96 0.37 0.00	44.80 0.20 0.00	37.72 0.20 0.00	32.74 0.06 0.00
NM_CENTRAL___DRP 24181	28.53 -0.34 0.00	23.13 -0.29 0.00	18.27 -0.20 0.00	24.34 -0.31 0.00	23.38 -0.30 0.00	24.81 -0.29 0.00	36.63 -0.43 0.00	41.01 -0.43 0.00	27.61 -0.30 0.00	27.43 -0.38 0.00	28.09 -0.40 0.00	25.01 -0.37 0.00	21.66 -0.28 0.00	21.90 -0.31 0.00	22.06 -0.32 0.00	22.22 -0.33 0.00	26.07 -0.38 0.00	39.31 -0.56 0.00	53.20 -0.65 0.00	60.04 -0.83 0.00	73.56 -1.03 0.00	43.92 -0.68 0.00	36.94 -0.57 0.00	32.17 -0.51 0.00

NM_FRONTIER___DRP 24179	29.09 0.22 0.00	23.57 0.15 0.00	18.63 0.15 0.00	24.94 0.30 0.00	24.00 0.32 0.00	25.41 0.31 0.00	36.34 -0.72 0.00	40.10 -1.35 0.00	27.23 -0.68 0.00	27.76 -0.05 0.00	28.83 0.35 0.00	25.61 0.22 0.00	22.29 0.42 0.07	22.33 0.12 0.00	22.44 0.06 0.00	22.40 -0.15 0.00	25.47 -0.98 0.00	37.25 -2.62 0.00	50.71 -3.14 0.00	56.33 -4.54 0.00	68.68 -5.91 0.00	41.31 -3.29 0.00	35.17 -2.35 0.00	31.91 -0.77 0.00
NM_ST_REGIS___HYD 24053	29.94 1.06 0.00	24.24 0.82 0.00	19.09 0.61 0.00	25.49 0.84 0.00	24.56 0.88 0.00	26.16 1.06 0.00	38.78 1.72 0.00	43.35 1.90 0.00	28.93 1.03 0.00	28.54 0.73 0.00	29.14 0.65 0.00	26.00 0.61 0.00	22.41 0.47 0.00	22.62 0.41 0.00	22.75 0.37 0.00	22.86 0.31 0.00	26.75 0.31 0.00	40.69 0.82 0.00	55.47 1.62 0.00	63.00 2.13 0.00	77.24 2.65 0.00	46.47 1.87 0.00	39.13 1.61 0.00	34.22 1.54 0.00
NORTHPORT___1 23551	29.77 0.89 0.00	23.99 0.56 0.00	18.84 0.36 0.00	24.98 0.34 0.00	23.94 0.26 0.00	20.85 0.00 4.25	20.00 -0.07 16.98	26.12 -0.07 15.25	19.75 0.25 8.41	21.30 0.61 7.12	29.68 1.19 0.00	26.44 1.06 0.00	23.41 0.98 -0.48	23.40 1.20 0.01	25.34 1.28 -1.68	25.13 1.16 -1.42	29.17 1.18 -1.54	40.67 0.79 0.00	53.99 0.15 0.00	61.09 0.22 0.00	74.62 0.23 0.20	41.37 1.01 4.23	36.31 1.09 2.30	27.91 0.88 5.65
NORTHPORT___2 23552	29.77 0.89 0.00	23.99 0.56 0.00	18.84 0.36 0.00	24.98 0.34 0.00	23.94 0.26 0.00	20.85 0.00 4.25	20.00 -0.07 16.98	26.12 -0.07 15.25	19.75 0.25 8.41	21.30 0.61 7.12	29.68 1.19 0.00	26.44 1.06 0.00	23.41 0.98 -0.48	23.40 1.20 0.01	25.34 1.28 -1.68	25.13 1.16 -1.42	29.17 1.18 -1.54	40.67 0.79 0.00	53.99 0.15 0.00	61.09 0.22 0.00	74.62 0.23 0.20	41.37 1.01 4.23	36.31 1.09 2.30	27.91 0.88 5.65
NORTHPORT___3 23553	29.56 0.56 -0.12	23.82 0.39 0.00	18.70 0.20 -0.03	26.77 -0.01 -2.14	24.20 0.01 -0.51	20.76 -0.15 4.18	20.00 -0.33 16.72	26.05 -0.38 15.02	19.68 0.05 8.28	21.20 0.40 7.01	33.80 0.77 -4.55	50.74 0.67 -24.68	24.54 0.66 -1.94	23.22 1.02 0.00	25.36 1.09 -1.89	25.17 0.99 -1.64	29.15 0.97 -1.73	40.37 0.49 0.00	53.65 -0.19 0.00	60.70 -0.16 0.00	74.11 -0.29 0.19	41.39 0.70 3.92	36.22 0.84 2.13	27.96 0.64 5.36
NORTHPORT___4 23650	29.56 0.56 -0.12	23.82 0.39 0.00	18.70 0.20 -0.03	26.77 -0.01 -2.14	24.20 0.01 -0.51	20.76 -0.15 4.18	20.00 -0.33 16.72	26.05 -0.38 15.02	19.68 0.05 8.28	21.20 0.40 7.01	33.80 0.77 -4.55	50.74 0.67 -24.68	24.54 0.66 -1.94	23.22 1.02 0.00	25.36 1.09 -1.89	25.17 0.99 -1.64	29.15 0.97 -1.73	40.37 0.49 0.00	53.65 -0.19 0.00	60.70 -0.16 0.00	74.11 -0.29 0.19	41.39 0.70 3.92	36.22 0.84 2.13	28.00 0.63 5.32
NORTHPORT___IC 23718	29.77 0.89 0.00	23.99 0.56 0.00	18.84 0.36 0.00	24.98 0.34 0.00	23.94 0.27 0.00	20.86 0.01 4.25	20.01 -0.07 16.98	26.13 -0.07 15.25	19.75 0.25 8.41	21.31 0.62 7.12	29.68 1.20 0.00	26.45 1.06 0.00	23.41 0.98 -0.48	23.41 1.21 0.01	25.34 1.28 -1.68	25.13 1.16 -1.42	29.17 1.18 -1.54	40.67 0.79 0.00	53.99 0.14 0.00	61.09 0.22 0.00	74.61 0.23 0.20	41.37 1.01 4.23	36.31 1.10 2.30	27.90 0.87 5.65
NORTH___COUNTRY_ESR 323785	29.46 0.58 0.00	23.85 0.42 0.00	18.75 0.27 0.00	25.02 0.38 0.00	24.08 0.40 0.00	25.60 0.50 0.00	37.91 0.85 0.00	42.31 0.86 0.00	28.46 0.55 0.00	28.31 0.50 0.00	28.99 0.50 0.00	25.92 0.53 0.00	22.30 0.36 0.00	22.51 0.30 0.00	22.67 0.29 0.00	22.85 0.30 0.00	26.81 0.36 0.00	40.41 0.54 0.00	54.84 0.99 0.00	62.15 1.29 0.00	76.11 1.52 0.00	45.61 1.01 0.00	38.38 0.86 0.00	33.58 0.90 0.00
NPX_GEN_1385_PROXY 323591	29.77 0.89 0.00	23.99 0.56 0.00	18.84 0.36 0.00	24.98 0.34 0.00	23.94 0.26 0.00	20.85 0.00 4.25	20.00 -0.07 16.98	26.12 -0.07 15.25	19.75 0.25 8.41	21.30 0.61 7.12	29.68 1.19 0.00	26.44 1.06 0.00	23.41 0.98 -0.48	23.40 1.20 0.01	25.34 1.28 -1.68	25.13 1.16 -1.42	29.17 1.18 -1.54	40.67 0.79 0.00	53.99 0.15 0.00	61.09 0.22 0.00	74.62 0.23 0.20	41.37 1.01 4.23	36.31 1.09 2.30	25.36 0.88 8.20
NPX_GEN_CSC 323557	26.82 0.27 2.33	23.45 0.07 0.05	17.98 -0.03 0.47	-16.87 -0.20 41.32	13.57 -0.23 9.87	20.49 -0.43 4.19	19.73 -0.61 16.73	25.90 -0.53 15.02	19.63 0.01 8.29	21.09 0.29 7.01	-58.49 0.72 87.70	-449.81 0.64 475.83	-4.92 0.67 27.53	23.33 1.12 0.00	25.59 1.21 -2.00	25.41 1.11 -1.76	29.47 1.19 -1.83	40.82 0.94 0.00	53.70 -0.15 0.00	60.75 -0.12 0.00	74.23 -0.17 0.18	41.61 0.65 3.64	36.19 0.66 1.98	25.79 0.67 7.56
NSINS_S_GLNS_FALLS 23858	29.60 0.72 0.00	24.03 0.60 0.00	18.95 0.48 0.00	25.29 0.65 0.00	24.38 0.71 0.00	25.85 0.75 0.00	38.44 1.39 0.00	43.09 1.65 0.00	28.86 0.95 0.00	28.40 0.59 0.00	28.96 0.47 0.00	25.80 0.42 0.00	22.33 0.29 -0.10	22.53 0.32 0.00	22.72 0.34 0.00	23.03 0.48 0.00	27.31 0.86 0.00	41.53 1.65 0.00	55.98 2.13 0.00	63.38 2.52 0.00	77.79 3.20 0.00	46.36 1.76 0.00	38.92 1.40 0.00	33.75 1.07 0.00
NUCOR_STEEL___DRP 24197	29.03 0.15 0.00	23.52 0.10 0.00	18.59 0.11 0.00	24.78 0.14 0.00	23.72 0.04 0.00	25.13 0.03 0.00	37.07 0.01 0.00	41.47 0.03 0.00	27.90 -0.01 0.00	27.75 -0.07 0.00	28.38 -0.11 0.00	25.24 -0.14 0.00	21.83 -0.05 0.06	22.10 -0.10 0.00	22.26 -0.12 0.00	22.41 -0.13 0.00	26.19 -0.26 0.00	39.78 -0.09 0.00	54.10 0.26 0.00	61.03 0.16 0.00	74.74 0.16 0.00	44.43 -0.17 0.00	37.47 -0.05 0.00	32.70 0.02 0.00
NUMBER_THREE_WT_PWR 323818	29.24 0.37 0.00	23.75 0.33 0.00	18.79 0.31 0.00	25.07 0.42 0.00	24.28 0.60 0.00	25.89 0.79 0.00	38.47 1.42 0.00	43.24 1.79 0.00	28.72 0.82 0.00	27.99 0.18 0.00	28.45 -0.04 0.00	25.29 -0.09 0.00	21.88 -0.06 0.00	22.18 -0.03 0.00	22.35 -0.03 0.00	22.53 -0.02 0.00	26.57 0.12 0.00	40.86 0.98 0.00	56.21 2.36 0.00	63.74 2.87 0.00	77.92 3.33 0.00	46.63 2.03 0.00	39.14 1.62 0.00	34.06 1.38 0.00
NYISO_LBMP_REFERENCE 24008	28.88 0.00 0.00	23.43 0.00 0.00	18.48 0.00 0.00	24.64 0.00 0.00	23.68 0.00 0.00	25.10 0.00 0.00	37.06 0.00 0.00	41.45 0.00 0.00	27.91 0.00 0.00	27.81 0.00 0.00	28.49 0.00 0.00	25.38 0.00 0.00	21.94 0.00 0.00	22.21 0.00 0.00	22.38 0.00 0.00	22.55 0.00 0.00	26.45 0.00 0.00	39.88 0.00 0.00	53.85 0.00 0.00	60.87 0.00 0.00	74.59 0.00 0.00	44.60 0.00 0.00	37.52 0.00 0.00	32.68 0.00 0.00
NYPA_BRENTWD____GT 24164	29.80 1.16 0.23	24.19 0.77 0.00	18.97 0.53 0.04	21.07 0.57 4.14	23.16 0.47 0.99	21.26 0.18 4.02	21.20 0.21 16.07	27.32 0.31 14.43	20.42 0.47 7.96	21.89 0.82 6.73	21.14 1.44 8.79	-21.04 1.25 47.68	20.75 1.13 2.32	23.52 1.32 0.00	26.58 1.36 -2.83	26.55 1.34 -2.67	30.49 1.45 -2.60	41.20 1.33 0.00	54.72 0.87 0.00	61.88 1.01 0.00	75.73 1.26 0.12	44.04 1.47 2.04	37.82 1.43 1.12	30.42 1.06 3.32

NYPA_GOWANUS____GT5 24156	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NYPA_GOWANUS____GT6 24157	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.68 0.00	25.77 0.66 0.00	38.04 0.98 0.00	42.37 0.93 0.00	28.89 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.57 0.00	62.73 1.87 0.00	76.81 2.22 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.53 0.85 0.00
NYPA_HARLEM__RVR__GT1 24160	29.93 1.05 0.00	24.33 0.90 0.00	19.14 0.66 0.00	25.43 0.79 0.00	24.42 0.74 0.00	25.81 0.71 0.00	38.16 1.10 0.00	42.66 1.21 0.00	29.01 1.11 0.00	29.19 1.38 0.00	30.02 1.53 0.00	26.66 1.27 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.72 1.34 0.00	23.92 1.37 0.00	27.94 1.49 0.00	41.62 1.75 0.00	55.45 1.61 0.00	62.57 1.70 0.00	76.60 2.02 0.00	45.97 1.37 0.00	38.78 1.26 0.00	32.71 0.78 0.75
NYPA_HARLEM__RVR__GT2 24161	29.93 1.05 0.00	24.33 0.90 0.00	19.14 0.66 0.00	25.43 0.79 0.00	24.42 0.74 0.00	25.81 0.71 0.00	38.16 1.10 0.00	42.66 1.21 0.00	29.01 1.11 0.00	29.19 1.38 0.00	30.02 1.53 0.00	26.66 1.27 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.72 1.34 0.00	23.92 1.37 0.00	27.94 1.49 0.00	41.62 1.75 0.00	55.45 1.61 0.00	62.57 1.70 0.00	76.60 2.02 0.00	45.97 1.37 0.00	38.78 1.26 0.00	32.71 0.78 0.75
NYPA_KENT____GT 24152	29.99 1.12 0.00	24.29 0.87 0.00	19.11 0.63 0.00	25.38 0.74 0.00	24.37 0.69 0.00	25.78 0.68 0.00	38.04 0.98 0.00	42.43 0.98 0.00	28.90 0.99 0.00	29.14 1.33 0.00	29.97 1.49 0.00	26.71 1.33 0.00	23.65 1.21 -0.49	23.54 1.34 0.00	23.73 1.35 0.00	23.94 1.40 0.00	27.97 1.52 0.00	41.62 1.75 0.00	55.45 1.60 0.00	62.72 1.85 0.00	76.79 2.20 0.00	46.07 1.47 0.00	38.91 1.39 0.00	33.57 0.89 0.00
NYPA_POUCH1____GT 24155	29.96 1.09 0.00	24.27 0.84 0.00	19.09 0.62 0.00	25.38 0.74 0.00	24.39 0.71 0.00	25.80 0.70 0.00	38.07 1.01 0.00	42.22 0.78 0.00	28.82 0.91 0.00	29.01 1.20 0.00	29.83 1.34 0.00	26.59 1.20 0.00	23.54 1.11 -0.49	23.45 1.24 0.00	23.63 1.25 0.00	23.84 1.29 0.00	27.86 1.41 0.00	41.45 1.58 0.00	55.19 1.35 0.00	62.50 1.63 0.00	76.69 2.10 0.00	46.15 1.55 0.00	38.95 1.43 0.00	33.55 0.87 0.00
NYPA_VERNON____GT2 24162	30.00 1.13 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.79 0.69 0.00	38.05 0.99 0.00	42.48 1.03 0.00	28.91 1.01 0.00	29.18 1.37 0.00	30.01 1.52 0.00	26.75 1.36 0.00	23.66 1.23 -0.49	23.56 1.35 0.00	23.75 1.37 0.00	23.96 1.41 0.00	27.99 1.54 0.00	41.64 1.77 0.00	55.47 1.62 0.00	62.71 1.85 0.00	76.81 2.22 0.00	46.09 1.48 0.00	38.93 1.41 0.00	33.62 0.94 0.00
NYPA_VERNON____GT3 24163	30.00 1.13 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.79 0.69 0.00	38.05 0.99 0.00	42.48 1.03 0.00	28.91 1.01 0.00	29.18 1.37 0.00	30.01 1.52 0.00	26.75 1.36 0.00	23.66 1.23 -0.49	23.56 1.35 0.00	23.75 1.37 0.00	23.96 1.41 0.00	27.99 1.54 0.00	41.64 1.77 0.00	55.47 1.62 0.00	62.71 1.85 0.00	76.81 2.22 0.00	46.09 1.48 0.00	38.93 1.41 0.00	33.62 0.94 0.00
NYPA__ASTORIA_CC1 323568	29.99 1.11 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.78 0.68 0.00	38.03 0.97 0.00	42.45 1.00 0.00	28.90 0.99 0.00	29.16 1.35 0.00	30.00 1.51 0.00	26.74 1.35 0.00	23.66 1.22 -0.49	23.55 1.34 0.00	23.73 1.35 0.00	23.94 1.40 0.00	27.98 1.53 0.00	41.60 1.72 0.00	55.40 1.56 0.00	62.65 1.78 0.00	76.71 2.12 0.00	46.05 1.45 0.00	38.90 1.38 0.00	33.60 0.92 0.00
NYPA__ASTORIA_CC2 323569	29.99 1.11 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.78 0.68 0.00	38.03 0.97 0.00	42.45 1.00 0.00	28.90 0.99 0.00	29.16 1.35 0.00	30.00 1.51 0.00	26.74 1.35 0.00	23.66 1.22 -0.49	23.55 1.34 0.00	23.73 1.35 0.00	23.94 1.40 0.00	27.98 1.53 0.00	41.60 1.72 0.00	55.40 1.56 0.00	62.65 1.78 0.00	76.71 2.12 0.00	46.05 1.45 0.00	38.90 1.38 0.00	33.60 0.92 0.00
NYPA__HOLTSVILL 23794	27.14 0.59 2.34	23.72 0.35 0.05	18.20 0.19 0.47	-16.64 0.09 41.37	13.84 0.05 9.89	20.75 -0.15 4.20	20.05 -0.23 16.77	26.23 -0.16 15.06	19.80 0.20 8.31	21.30 0.52 7.03	-58.35 0.97 87.80	-450.15 0.86 476.39	-4.80 0.82 27.57	23.36 1.16 0.00	25.56 1.24 -1.94	25.40 1.16 -1.70	29.46 1.23 -1.78	40.86 0.99 0.00	54.07 0.23 0.00	61.18 0.31 0.00	74.74 0.34 0.18	41.82 0.96 3.74	36.42 0.94 2.04	28.37 0.81 5.13
NYPA__HELLGATE_GT1 24158	29.93 1.05 0.00	24.33 0.90 0.00	19.14 0.66 0.00	25.43 0.79 0.00	24.42 0.74 0.00	25.81 0.71 0.00	38.16 1.10 0.00	42.66 1.21 0.00	29.01 1.11 0.00	29.19 1.38 0.00	30.01 1.52 0.00	26.66 1.27 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.72 1.34 0.00	23.92 1.37 0.00	27.94 1.49 0.00	41.62 1.75 0.00	55.45 1.61 0.00	62.57 1.70 0.00	76.60 2.02 0.00	45.97 1.37 0.00	38.78 1.26 0.00	32.71 0.78 0.75
NYPA__HELLGATE_GT2 24159	29.93 1.05 0.00	24.33 0.90 0.00	19.14 0.66 0.00	25.43 0.79 0.00	24.42 0.74 0.00	25.81 0.71 0.00	38.16 1.10 0.00	42.66 1.21 0.00	29.01 1.11 0.00	29.19 1.38 0.00	30.01 1.52 0.00	26.66 1.27 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.72 1.34 0.00	23.92 1.37 0.00	27.94 1.49 0.00	41.62 1.75 0.00	55.45 1.61 0.00	62.57 1.70 0.00	76.60 2.02 0.00	45.97 1.37 0.00	38.78 1.26 0.00	32.71 0.78 0.75
NYS_BARGE____HYD 23848	29.37 0.49 0.00	23.79 0.36 0.00	18.79 0.31 0.00	25.15 0.50 0.00	24.20 0.52 0.00	25.59 0.49 0.00	36.61 -0.45 0.00	40.45 -1.00 0.00	27.48 -0.43 0.00	27.92 0.11 0.00	28.96 0.48 0.00	25.79 0.41 0.00	22.44 0.57 0.07	22.48 0.28 0.00	22.57 0.19 0.00	22.51 -0.03 0.00	25.54 -0.91 0.00	37.62 -2.25 0.00	51.56 -2.29 0.00	57.36 -3.51 0.00	69.83 -4.76 0.00	42.01 -2.59 0.00	35.80 -1.72 0.00	32.25 -0.43 0.00
OAK ORCHARD____HYD 24046	29.36 0.48 0.00	23.77 0.34 0.00	18.77 0.29 0.00	25.07 0.43 0.00	24.12 0.44 0.00	25.60 0.50 0.00	37.27 0.21 0.00	41.50 0.05 0.00	28.02 0.11 0.00	28.12 0.31 0.00	29.02 0.54 0.00	25.83 0.45 0.00	22.39 0.51 0.06	22.52 0.31 0.00	22.62 0.24 0.00	22.64 0.09 0.00	26.18 -0.27 0.00	39.16 -0.71 0.00	53.49 -0.35 0.00	59.86 -1.01 0.00	73.06 -1.53 0.00	43.71 -0.89 0.00	36.89 -0.63 0.00	32.67 -0.01 0.00

OAKDALE___35_KV_LOAD 356122	28.95 0.07 0.00	23.43 0.00 0.00	18.49 0.02 0.00	24.69 0.04 0.00	23.67 0.00 0.00	25.06 -0.04 0.00	36.87 -0.19 0.00	41.38 -0.07 0.00	27.94 0.03 0.00	27.87 0.06 0.00	28.59 0.11 0.00	25.45 0.06 0.00	21.94 0.14 0.14	22.28 0.08 0.00	22.42 0.04 0.00	22.55 0.01 0.00	26.42 -0.03 0.00	39.66 -0.21 0.00	53.72 -0.13 0.00	60.48 -0.39 0.00	74.10 -0.49 0.00	44.24 -0.36 0.00	37.26 -0.26 0.00	32.46 -0.22 0.00
OCC_CHEM___DRP 24175	29.13 0.26 0.00	23.61 0.18 0.00	18.65 0.18 0.00	24.97 0.33 0.00	24.03 0.35 0.00	25.44 0.34 0.00	36.39 -0.67 0.00	40.15 -1.29 0.00	27.26 -0.65 0.00	27.80 -0.01 0.00	28.87 0.39 0.00	25.64 0.25 0.00	22.32 0.45 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.42 -0.12 0.00	25.51 -0.94 0.00	37.32 -2.56 0.00	50.81 -3.04 0.00	56.44 -4.42 0.00	68.81 -5.77 0.00	41.39 -3.21 0.00	35.22 -2.29 0.00	31.95 -0.73 0.00
OH_GEN_PROXY 24063	29.13 0.25 0.00	23.59 0.16 0.00	18.64 0.16 0.00	24.94 0.30 0.00	24.00 0.32 0.00	25.41 0.31 0.00	36.41 -0.65 0.00	40.24 -1.21 0.00	27.32 -0.58 0.00	27.83 0.02 0.00	28.88 0.39 0.00	25.66 0.27 0.00	22.32 0.46 0.07	22.37 0.17 0.00	22.48 0.10 0.00	22.44 -0.11 0.00	25.57 -0.88 0.00	37.63 -2.25 0.00	51.33 -2.52 0.00	57.04 -3.83 0.00	69.48 -5.11 0.00	41.79 -2.82 0.00	35.50 -2.02 0.00	29.41 -0.72 2.55
OLIN_CORP_DRP 24177	29.08 0.20 0.00	23.57 0.14 0.00	18.62 0.14 0.00	24.93 0.29 0.00	23.99 0.31 0.00	25.34 0.24 0.00	36.18 -0.88 0.00	39.90 -1.55 0.00	27.13 -0.78 0.00	27.62 -0.19 0.00	28.68 0.20 0.00	25.56 0.18 0.00	22.26 0.39 0.07	22.30 0.09 0.00	22.40 0.02 0.00	22.34 -0.21 0.00	25.30 -1.15 0.00	37.18 -2.69 0.00	50.79 -3.06 0.00	56.47 -4.40 0.00	68.83 -5.76 0.00	41.41 -3.19 0.00	35.35 -2.16 0.00	31.90 -0.78 0.00
OLIN_CORP_DSASP 323712	29.13 0.25 0.00	23.61 0.18 0.00	18.65 0.17 0.00	24.97 0.33 0.00	24.04 0.36 0.00	25.46 0.36 0.00	36.39 -0.67 0.00	40.16 -1.29 0.00	27.26 -0.65 0.00	27.80 -0.01 0.00	28.87 0.39 0.00	25.64 0.26 0.00	22.32 0.45 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.43 -0.12 0.00	25.51 -0.94 0.00	37.32 -2.55 0.00	50.81 -3.04 0.00	56.44 -4.42 0.00	68.72 -5.86 0.00	41.38 -3.21 0.00	35.22 -2.30 0.00	31.95 -0.73 0.00
ONEIDA_HERK_LFGE 323681	29.34 0.46 0.00	23.81 0.38 0.00	18.81 0.33 0.00	25.08 0.44 0.00	24.18 0.50 0.00	25.73 0.63 0.00	38.16 1.10 0.00	42.79 1.34 0.00	28.59 0.68 0.00	28.10 0.28 0.00	28.66 0.18 0.00	25.48 0.09 0.00	22.04 0.10 0.00	22.33 0.12 0.00	22.51 0.13 0.00	22.69 0.15 0.00	26.75 0.29 0.00	40.81 0.93 0.00	55.65 1.81 0.00	62.97 2.10 0.00	77.09 2.50 0.00	46.09 1.49 0.00	38.71 1.19 0.00	33.64 0.96 0.00
ONEIDA___115KV_TB4 55905	29.42 0.54 0.00	23.86 0.43 0.00	18.84 0.37 0.00	25.12 0.48 0.00	24.16 0.48 0.00	25.68 0.58 0.00	38.07 1.02 0.00	42.66 1.22 0.00	28.55 0.64 0.00	28.11 0.30 0.00	28.70 0.21 0.00	25.52 0.13 0.00	22.09 0.15 0.00	22.36 0.16 0.00	22.54 0.17 0.00	22.73 0.18 0.00	26.75 0.30 0.00	40.65 0.78 0.00	55.38 1.53 0.00	62.58 1.72 0.00	76.64 2.05 0.00	45.77 1.16 0.00	38.45 0.93 0.00	33.39 0.71 0.00
ONONDAGA_REF_OCCRA 23987	28.75 -0.12 0.00	23.30 -0.12 0.00	18.40 -0.08 0.00	24.52 -0.12 0.00	23.56 -0.12 0.00	25.01 -0.09 0.00	36.96 -0.10 0.00	41.40 -0.05 0.00	27.84 -0.07 0.00	27.61 -0.20 0.00	28.24 -0.25 0.00	25.14 -0.24 0.00	21.77 -0.17 0.00	22.02 -0.19 0.00	22.17 -0.21 0.00	22.34 -0.21 0.00	26.22 -0.23 0.00	39.56 -0.32 0.00	53.59 -0.25 0.00	60.51 -0.36 0.00	74.11 -0.48 0.00	44.24 -0.36 0.00	37.20 -0.31 0.00	32.39 -0.29 0.00
ONONDAGA___COGEN 23986	28.66 -0.22 0.00	23.23 -0.19 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.49 -0.19 0.00	24.92 -0.18 0.00	36.80 -0.26 0.00	41.20 -0.25 0.00	27.72 -0.19 0.00	27.55 -0.27 0.00	28.18 -0.31 0.00	25.09 -0.30 0.00	21.72 -0.22 0.00	21.97 -0.24 0.00	22.12 -0.26 0.00	22.29 -0.26 0.00	26.16 -0.28 0.00	39.53 -0.34 0.00	53.56 -0.28 0.00	60.46 -0.41 0.00	74.04 -0.55 0.00	44.18 -0.42 0.00	37.17 -0.35 0.00	32.36 -0.32 0.00
ONTARIO___LFGE 23819	29.29 0.42 0.00	23.69 0.27 0.00	18.70 0.22 0.00	24.96 0.32 0.00	24.00 0.32 0.00	25.48 0.38 0.00	37.35 0.29 0.00	41.69 0.24 0.00	28.17 0.26 0.00	27.97 0.16 0.00	28.70 0.21 0.00	25.45 0.07 0.00	22.07 0.20 0.07	22.28 0.07 0.00	22.37 -0.01 0.00	22.45 -0.09 0.00	26.22 -0.22 0.00	39.47 -0.40 0.00	54.06 0.21 0.00	60.70 -0.16 0.00	74.14 -0.45 0.00	44.24 -0.36 0.00	37.39 -0.13 0.00	32.75 0.07 0.00
ORANGEVILLE_WT_PWR 323706	29.13 0.26 0.00	23.61 0.19 0.00	18.63 0.16 0.00	24.92 0.28 0.00	23.96 0.28 0.00	25.34 0.24 0.00	36.60 -0.46 0.00	40.66 -0.79 0.00	27.54 -0.37 0.00	27.61 -0.21 0.00	28.50 0.02 0.00	25.35 -0.03 0.00	22.09 0.24 0.09	22.21 0.00 0.00	22.31 -0.07 0.00	22.31 -0.24 0.00	25.67 -0.78 0.00	38.27 -1.60 0.00	52.53 -1.32 0.00	58.30 -2.56 0.00	70.98 -3.61 0.00	42.45 -2.15 0.00	35.95 -1.57 0.00	31.96 -0.72 0.00
ORANGEVILLE___ESR 323794	29.13 0.26 0.00	23.61 0.19 0.00	18.63 0.16 0.00	24.92 0.28 0.00	23.96 0.28 0.00	25.34 0.24 0.00	36.60 -0.46 0.00	40.66 -0.79 0.00	27.54 -0.37 0.00	27.61 -0.21 0.00	28.50 0.02 0.00	25.35 -0.03 0.00	22.09 0.24 0.09	22.21 0.00 0.00	22.31 -0.07 0.00	22.31 -0.24 0.00	25.67 -0.78 0.00	38.27 -1.60 0.00	52.53 -1.32 0.00	58.30 -2.56 0.00	70.98 -3.61 0.00	42.45 -2.15 0.00	35.95 -1.57 0.00	31.96 -0.72 0.00
OSWEGATCHIE___HYD 24044	29.59 0.71 0.00	23.99 0.56 0.00	18.93 0.45 0.00	25.26 0.62 0.00	24.41 0.73 0.00	26.03 0.92 0.00	38.65 1.60 0.00	43.31 1.86 0.00	28.78 0.87 0.00	28.19 0.37 0.00	28.66 0.18 0.00	25.53 0.14 0.00	22.06 0.12 0.00	22.30 0.09 0.00	22.43 0.05 0.00	22.56 0.01 0.00	26.50 0.05 0.00	40.61 0.73 0.00	55.68 1.84 0.00	63.23 2.36 0.00	77.42 2.83 0.00	46.52 1.92 0.00	39.11 1.59 0.00	34.12 1.44 0.00
OSWEGO___5 23606	28.24 -0.64 0.00	22.90 -0.52 0.00	18.09 -0.39 0.00	24.10 -0.54 0.00	23.15 -0.53 0.00	24.54 -0.56 0.00	36.21 -0.85 0.00	40.53 -0.92 0.00	27.29 -0.62 0.00	27.15 -0.66 0.00	27.81 -0.68 0.00	24.77 -0.61 0.00	21.44 -0.50 0.00	21.68 -0.52 0.00	21.84 -0.54 0.00	21.99 -0.55 0.00	25.79 -0.66 0.00	38.89 -0.98 0.00	52.62 -1.22 0.00	59.42 -1.45 0.00	72.79 -1.80 0.00	43.49 -1.11 0.00	36.59 -0.93 0.00	31.89 -0.79 0.00
OSWEGO___6 23613	28.24 -0.64 0.00	22.90 -0.52 0.00	18.09 -0.39 0.00	24.10 -0.54 0.00	23.15 -0.53 0.00	24.54 -0.56 0.00	36.21 -0.85 0.00	40.53 -0.92 0.00	27.29 -0.62 0.00	27.15 -0.66 0.00	27.81 -0.68 0.00	24.77 -0.61 0.00	21.44 -0.50 0.00	21.68 -0.52 0.00	21.84 -0.54 0.00	21.99 -0.55 0.00	25.79 -0.66 0.00	38.89 -0.98 0.00	52.62 -1.22 0.00	59.42 -1.45 0.00	72.79 -1.80 0.00	43.49 -1.11 0.00	36.59 -0.93 0.00	31.89 -0.79 0.00

OUTOKUMPU-AB___DRP 24206	29.53 0.65 0.00	23.92 0.49 0.00	18.89 0.41 0.00	25.27 0.63 0.00	24.31 0.64 0.00	25.73 0.62 0.00	36.90 -0.15 0.00	40.81 -0.64 0.00	27.73 -0.18 0.00	28.20 0.39 0.00	29.25 0.77 0.00	25.99 0.60 0.00	22.61 0.75 0.07	22.66 0.46 0.00	22.78 0.39 0.00	22.73 0.18 0.00	25.86 -0.59 0.00	38.01 -1.87 0.00	51.94 -1.91 0.00	57.73 -3.14 0.00	70.36 -4.22 0.00	42.25 -2.35 0.00	35.98 -1.54 0.00	32.48 -0.20 0.00
OXBOW___BTM 323836	29.31 0.43 0.00	23.74 0.31 0.00	18.75 0.27 0.00	25.10 0.45 0.00	24.15 0.47 0.00	25.58 0.48 0.00	36.62 -0.43 0.00	40.46 -0.99 0.00	27.47 -0.44 0.00	27.98 0.17 0.00	29.04 0.56 0.00	25.81 0.42 0.00	22.46 0.59 0.07	22.50 0.30 0.00	22.61 0.23 0.00	22.57 0.02 0.00	25.68 -0.77 0.00	37.65 -2.23 0.00	51.35 -2.50 0.00	57.06 -3.80 0.00	69.46 -5.13 0.00	41.80 -2.80 0.00	35.57 -1.94 0.00	32.20 -0.48 0.00
OXBOW___ 24026	29.31 0.43 0.00	23.74 0.31 0.00	18.75 0.27 0.00	25.10 0.45 0.00	24.15 0.47 0.00	25.56 0.46 0.00	36.62 -0.44 0.00	40.45 -1.00 0.00	27.48 -0.43 0.00	27.98 0.17 0.00	29.04 0.55 0.00	25.80 0.42 0.00	22.46 0.59 0.07	22.50 0.30 0.00	22.61 0.23 0.00	22.57 0.02 0.00	25.68 -0.77 0.00	37.64 -2.23 0.00	51.36 -2.49 0.00	57.06 -3.81 0.00	69.55 -5.03 0.00	41.80 -2.80 0.00	35.58 -1.94 0.00	32.20 -0.48 0.00
OXY_CHEM_DSASP 323612	29.13 0.26 0.00	23.61 0.18 0.00	18.65 0.18 0.00	24.97 0.33 0.00	24.03 0.35 0.00	25.44 0.34 0.00	36.39 -0.67 0.00	40.15 -1.29 0.00	27.26 -0.65 0.00	27.80 -0.01 0.00	28.87 0.39 0.00	25.64 0.25 0.00	22.32 0.45 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.42 -0.12 0.00	25.51 -0.94 0.00	37.32 -2.56 0.00	50.81 -3.04 0.00	56.44 -4.42 0.00	68.81 -5.77 0.00	41.39 -3.21 0.00	35.22 -2.29 0.00	31.95 -0.73 0.00
OZONE_PARK_ESR 323760	30.18 1.31 0.00	24.43 1.01 0.00	19.21 0.73 0.00	25.51 0.86 0.00	24.49 0.81 0.00	25.92 0.82 0.00	38.30 1.24 0.00	42.81 1.36 0.00	29.09 1.18 0.00	29.33 1.52 0.00	30.15 1.66 0.00	26.88 1.50 0.00	23.76 1.33 -0.49	23.66 1.45 0.00	23.85 1.47 0.00	24.07 1.52 0.00	28.14 1.69 0.00	41.95 2.08 0.00	56.02 2.18 0.00	63.28 2.41 0.00	77.49 2.91 0.00	46.46 1.86 0.00	39.21 1.69 0.00	33.85 1.16 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.13 0.26 0.00	23.61 0.18 0.00	18.65 0.18 0.00	24.97 0.33 0.00	24.03 0.35 0.00	25.44 0.34 0.00	36.39 -0.67 0.00	40.15 -1.29 0.00	27.26 -0.65 0.00	27.80 -0.01 0.00	28.87 0.39 0.00	25.64 0.25 0.00	22.32 0.45 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.42 -0.12 0.00	25.51 -0.94 0.00	37.32 -2.56 0.00	50.81 -3.04 0.00	56.44 -4.42 0.00	68.81 -5.77 0.00	41.39 -3.21 0.00	35.22 -2.29 0.00	31.95 -0.73 0.00
PACKARD___115KV_DUPONT_184 80571	29.13 0.26 0.00	23.61 0.18 0.00	18.65 0.18 0.00	24.97 0.33 0.00	24.03 0.35 0.00	25.44 0.34 0.00	36.39 -0.67 0.00	40.15 -1.29 0.00	27.26 -0.65 0.00	27.80 -0.01 0.00	28.87 0.39 0.00	25.64 0.25 0.00	22.32 0.45 0.07	22.36 0.15 0.00	22.47 0.09 0.00	22.42 -0.12 0.00	25.51 -0.94 0.00	37.32 -2.56 0.00	50.81 -3.04 0.00	56.44 -4.42 0.00	68.81 -5.77 0.00	41.39 -3.21 0.00	35.22 -2.29 0.00	31.95 -0.73 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.90 1.02 0.00	24.28 0.86 0.00	19.10 0.62 0.00	25.37 0.73 0.00	24.37 0.69 0.00	25.77 0.67 0.00	38.09 1.03 0.00	42.56 1.11 0.00	28.94 1.03 0.00	29.09 1.27 0.00	29.91 1.42 0.00	26.62 1.23 0.00	23.56 1.13 -0.49	23.46 1.25 0.00	23.65 1.27 0.00	23.85 1.30 0.00	27.88 1.43 0.00	41.54 1.66 0.00	55.45 1.61 0.00	62.73 1.86 0.00	76.81 2.23 0.00	46.06 1.46 0.00	38.84 1.33 0.00	32.77 0.84 0.75
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.44 1.57 0.00	24.73 1.31 0.00	19.45 0.98 0.00	25.89 1.25 0.00	24.88 1.20 0.00	26.34 1.24 0.00	38.96 1.90 0.00	43.48 2.03 0.00	29.51 1.61 0.00	29.64 1.82 0.00	30.43 1.95 0.00	27.06 1.68 0.00	23.95 1.52 -0.49	23.85 1.65 0.00	24.05 1.67 0.00	24.26 1.71 0.00	28.34 1.90 0.00	42.23 2.35 0.00	56.41 2.56 0.00	63.84 2.97 0.00	78.09 3.50 0.00	46.86 2.26 0.00	39.48 1.96 0.00	33.35 1.42 0.75
PATROON___115KV_TB1 80586	28.86 -0.01 0.00	23.48 0.06 0.00	18.53 0.05 0.00	24.68 0.04 0.00	23.74 0.06 0.00	25.10 0.00 0.00	37.10 0.05 0.00	41.58 0.13 0.00	28.03 0.12 0.00	27.93 0.12 0.00	28.59 0.11 0.00	25.51 0.12 0.00	22.13 0.08 -0.11	22.34 0.13 0.00	22.54 0.16 0.00	22.73 0.18 0.00	26.77 0.32 0.00	40.30 0.43 0.00	54.04 0.19 0.00	61.19 0.32 0.00	75.10 0.52 0.00	44.87 0.26 0.00	37.77 0.25 0.00	32.79 0.11 0.00
PATTRSNVILLE___SOLAR 323815	29.33 0.46 0.00	23.81 0.38 0.00	18.77 0.30 0.00	25.04 0.40 0.00	24.05 0.37 0.00	25.52 0.42 0.00	37.79 0.74 0.00	42.63 1.19 0.00	28.34 0.43 0.00	27.91 0.10 0.00	28.51 0.03 0.00	25.41 0.02 0.00	22.05 0.02 -0.10	22.27 0.07 0.00	22.44 0.06 0.00	22.56 0.01 0.00	26.61 0.16 0.00	40.43 0.56 0.00	54.96 1.11 0.00	62.24 1.38 0.00	76.31 1.72 0.00	45.58 0.98 0.00	38.30 0.79 0.00	33.28 0.60 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.36 0.49 0.00	23.75 0.32 0.00	18.76 0.28 0.00	25.10 0.45 0.00	24.12 0.44 0.00	25.53 0.43 0.00	36.75 -0.31 0.00	40.80 -0.65 0.00	27.73 -0.17 0.00	28.15 0.33 0.00	29.14 0.65 0.00	25.89 0.50 0.00	22.52 0.66 0.08	22.58 0.37 0.00	22.69 0.31 0.00	22.66 0.11 0.00	25.89 -0.56 0.00	38.27 -1.61 0.00	52.32 -1.52 0.00	58.15 -2.71 0.00	70.98 -3.60 0.00	42.53 -2.08 0.00	36.08 -1.44 0.00	32.26 -0.42 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.96 1.08 0.00	24.27 0.84 0.00	19.11 0.62 0.00	25.39 0.75 0.00	24.38 0.70 0.00	25.80 0.70 0.00	38.16 1.10 0.00	42.71 1.26 0.00	28.95 1.05 0.00	29.11 1.30 0.00	29.90 1.41 0.00	26.63 1.25 0.00	23.20 1.07 -0.19	23.39 1.18 0.00	23.59 1.21 0.00	23.80 1.25 0.00	27.90 1.45 0.00	41.76 1.88 0.00	55.92 2.08 0.00	63.21 2.34 0.00	77.45 2.87 0.00	46.35 1.75 0.00	39.02 1.50 0.00	33.71 1.03 0.00
PEEKSKILL___ 23653	29.73 0.85 0.00	24.07 0.65 0.00	18.95 0.47 0.00	25.18 0.54 0.00	24.17 0.49 0.00	25.57 0.47 0.00	37.76 0.70 0.00	42.23 0.79 0.00	28.67 0.76 0.00	28.84 1.02 0.00	29.61 1.13 0.00	26.40 1.01 0.00	23.37 0.89 -0.54	23.20 0.99 0.00	23.39 1.02 0.00	23.61 1.06 0.00	27.64 1.19 0.00	41.29 1.42 0.00	55.26 1.42 0.00	62.40 1.54 0.00	76.44 1.85 0.00	45.79 1.19 0.00	38.59 1.07 0.00	33.32 0.64 0.00
PGE MADISON___WINDPWR 24146	31.03 2.16 0.00	24.85 1.42 0.00	19.75 1.27 0.00	26.09 1.45 0.00	24.93 1.25 0.00	26.45 1.35 0.00	39.67 2.61 0.00	45.37 3.93 0.00	29.94 2.03 0.00	28.85 1.04 0.00	28.88 0.40 0.00	25.77 0.39 0.00	22.30 0.63 0.27	22.88 0.67 0.00	23.01 0.63 0.00	23.16 0.61 0.00	27.82 1.37 0.00	42.93 3.05 0.00	59.60 5.75 0.00	67.09 6.22 0.00	82.03 7.44 0.00	48.72 4.12 0.00	40.90 3.38 0.00	35.48 2.80 0.00

PIERCEFIELD___HYD 23852	29.93 1.05 0.00	24.24 0.81 0.00	19.09 0.61 0.00	25.49 0.85 0.00	24.57 0.89 0.00	26.17 1.07 0.00	38.80 1.74 0.00	43.36 1.91 0.00	28.90 0.99 0.00	28.49 0.68 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.36 0.42 0.00	22.58 0.37 0.00	22.71 0.33 0.00	22.81 0.26 0.00	26.66 0.22 0.00	40.59 0.72 0.00	55.33 1.49 0.00	62.84 1.97 0.00	77.05 2.46 0.00	46.41 1.81 0.00	39.10 1.58 0.00	34.19 1.51 0.00
PINELAWN_CC_1 323563	29.74 0.97 0.11	24.07 0.65 0.00	18.89 0.43 0.02	23.17 0.41 1.88	23.58 0.35 0.45	21.73 0.16 3.53	23.16 0.20 14.10	29.08 0.30 12.66	21.40 0.47 6.98	22.68 0.78 5.91	25.68 1.20 4.00	4.72 1.04 21.70	22.10 0.94 0.79	23.39 1.19 0.00	28.45 1.26 -4.82	28.56 1.21 -4.81	32.20 1.33 -4.42	41.06 1.18 0.00	54.66 0.82 0.00	61.83 0.96 0.00	75.69 1.10 0.00	47.51 1.37 -1.54	39.58 1.26 -0.81	34.07 0.94 -0.45
PJM_GEN_HTTP_PROXY 323702	29.91 1.03 0.00	24.21 0.79 0.00	19.06 0.57 0.00	25.30 0.66 0.00	24.30 0.62 0.00	25.70 0.60 0.00	37.94 0.88 0.00	42.42 0.97 0.00	28.80 0.89 0.00	29.04 1.23 0.00	29.87 1.38 0.00	26.63 1.25 0.00	23.55 1.11 -0.49	23.44 1.23 0.00	23.63 1.25 0.00	23.84 1.29 0.00	27.87 1.42 0.00	41.31 1.67 0.24	55.44 1.59 0.00	62.60 1.73 0.00	76.68 2.09 0.00	45.97 1.37 0.00	38.80 1.28 0.00	33.51 0.83 0.00
PJM_GEN_KEystone 24065	29.31 0.43 0.00	23.70 0.27 0.00	18.69 0.21 0.00	24.91 0.27 0.00	23.89 0.21 0.00	25.27 0.17 0.00	36.94 -0.12 0.00	41.63 -0.20 -0.38	28.05 0.14 0.00	28.29 0.48 0.00	29.15 0.67 0.00	25.95 0.56 0.00	21.52 0.58 1.00	22.74 0.53 0.00	22.89 0.51 0.00	22.97 0.42 0.00	26.66 0.21 0.00	37.36 -0.19 2.32	59.15 -0.22 -5.52	62.52 -0.73 -2.39	69.33 -1.02 4.24	43.95 -0.55 0.10	37.04 -0.28 0.19	32.31 -0.17 0.19
PJM_GEN_NEPTUNE_PROXY 323594	29.65 0.77 0.00	23.94 0.52 0.00	18.82 0.34 0.00	24.93 0.29 0.00	23.93 0.26 0.00	20.70 0.10 4.50	19.15 0.09 17.99	25.39 0.10 16.16	19.36 0.37 8.91	20.97 0.70 7.54	29.54 1.05 0.00	26.31 0.93 0.00	23.28 0.85 -0.48	23.30 1.10 0.01	23.95 1.15 -0.42	23.67 1.08 -0.05	27.99 1.16 -0.38	40.57 0.94 0.24	54.33 0.49 0.00	61.46 0.59 0.00	74.96 0.65 0.28	39.06 1.08 6.62	34.91 0.98 3.59	25.23 0.72 8.17
PJM_GEN_VFT_PROXY 323633	29.76 0.88 0.00	24.10 0.68 0.00	18.97 0.49 0.00	25.16 0.52 0.00	24.15 0.48 0.00	25.55 0.45 0.00	37.72 0.66 0.00	42.16 0.71 0.00	28.67 0.76 0.00	28.90 1.09 0.00	29.71 1.23 0.00	26.50 1.12 0.00	23.45 1.02 -0.49	23.37 1.16 0.00	23.55 1.16 0.00	23.76 1.21 0.00	27.77 1.32 0.00	41.13 1.49 0.24	55.23 1.39 0.00	62.38 1.51 0.00	76.35 1.76 0.00	44.29 1.11 1.42	35.91 1.13 2.73	30.59 0.69 2.79
PLATSBURG_115KV_PMLD1 355749	29.83 0.95 0.00	24.14 0.72 0.00	18.93 0.45 0.00	25.24 0.60 0.00	24.30 0.62 0.00	25.73 0.63 0.00	38.19 1.13 0.00	42.55 1.11 0.00	28.74 0.83 0.00	28.50 0.69 0.00	29.20 0.71 0.00	26.10 0.72 0.00	22.43 0.49 0.00	22.65 0.44 0.00	22.80 0.42 0.00	23.02 0.48 0.00	27.11 0.66 0.00	40.65 0.77 0.00	55.03 1.19 0.00	62.62 1.75 0.00	76.91 2.32 0.00	46.31 1.71 0.00	39.04 1.52 0.00	34.13 1.45 0.00
PLEASANTVLY___LBMP 24000	29.56 0.68 0.00	23.97 0.54 0.00	18.87 0.40 0.00	25.10 0.46 0.00	24.10 0.43 0.00	25.49 0.39 0.00	37.66 0.60 0.00	42.14 0.69 0.00	28.57 0.66 0.00	28.70 0.88 0.00	29.46 0.97 0.00	26.26 0.87 0.00	23.01 0.76 -0.31	23.06 0.85 0.00	23.26 0.88 0.00	23.46 0.92 0.00	27.50 1.05 0.00	41.15 1.28 0.00	55.04 1.19 0.00	62.23 1.36 0.00	76.27 1.69 0.00	45.66 1.06 0.00	38.47 0.95 0.00	33.27 0.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.79 0.92 0.00	24.14 0.71 0.00	19.00 0.52 0.00	25.25 0.61 0.00	24.24 0.57 0.00	25.64 0.54 0.00	37.87 0.82 0.00	42.38 0.94 0.00	28.76 0.85 0.00	28.93 1.12 0.00	29.73 1.24 0.00	26.50 1.11 0.00	23.34 0.97 -0.43	23.29 1.08 0.00	23.49 1.11 0.00	23.70 1.15 0.00	27.74 1.30 0.00	41.43 1.56 0.00	55.37 1.52 0.00	62.61 1.74 0.00	76.72 2.13 0.00	45.94 1.34 0.00	38.73 1.21 0.00	33.48 0.79 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	29.79 0.92 0.00	24.14 0.71 0.00	19.00 0.52 0.00	25.25 0.61 0.00	24.24 0.57 0.00	25.64 0.54 0.00	37.87 0.82 0.00	42.38 0.94 0.00	28.76 0.85 0.00	28.93 1.12 0.00	29.73 1.24 0.00	26.50 1.11 0.00	23.34 0.97 -0.43	23.29 1.08 0.00	23.49 1.11 0.00	23.70 1.15 0.00	27.74 1.30 0.00	41.43 1.56 0.00	55.37 1.52 0.00	62.61 1.74 0.00	76.72 2.13 0.00	45.94 1.34 0.00	38.73 1.21 0.00	33.48 0.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.81 0.94 0.00	24.16 0.73 0.00	19.03 0.55 0.00	25.31 0.67 0.00	24.31 0.63 0.00	25.72 0.62 0.00	38.02 0.96 0.00	42.48 1.04 0.00	28.78 0.87 0.00	28.87 1.05 0.00	29.62 1.13 0.00	26.38 0.99 0.00	22.90 0.85 -0.11	23.15 0.95 0.00	23.35 0.97 0.00	23.58 1.03 0.00	27.66 1.21 0.00	41.45 1.57 0.00	55.51 1.67 0.00	62.77 1.91 0.00	76.95 2.36 0.00	46.04 1.44 0.00	38.75 1.23 0.00	33.50 0.82 0.00
POLETTI____ 23519	29.63 0.75 0.00	24.18 0.75 0.00	19.02 0.55 0.00	25.25 0.61 0.00	24.25 0.57 0.00	25.61 0.51 0.00	37.79 0.73 0.00	42.23 0.78 0.00	28.77 0.86 0.00	28.95 1.14 0.00	29.75 1.27 0.00	26.45 1.06 0.00	23.49 1.06 -0.49	23.40 1.19 0.00	23.59 1.21 0.00	23.77 1.22 0.00	27.68 1.23 0.00	41.24 1.36 0.00	54.91 1.07 0.00	61.90 1.04 0.00	75.77 1.19 0.00	45.48 0.88 0.00	38.35 0.83 0.00	32.34 0.41 0.75
POMONA___ESR 323819	29.76 0.88 0.00	24.09 0.67 0.00	18.96 0.48 0.00	25.20 0.56 0.00	24.19 0.52 0.00	25.60 0.50 0.00	37.81 0.75 0.00	42.29 0.84 0.00	28.71 0.81 0.00	28.88 1.07 0.00	29.64 1.16 0.00	26.43 1.05 0.00	21.50 0.91 1.35	23.22 1.02 0.00	23.42 1.04 0.00	23.64 1.09 0.00	27.66 1.21 0.00	41.36 1.49 0.00	55.41 1.56 0.00	62.52 1.66 0.00	76.57 1.98 0.00	45.86 1.25 0.00	38.63 1.11 0.00	33.32 0.64 0.00
PORT_JEFF_3 23555	27.13 0.62 2.37	23.76 0.39 0.05	18.22 0.22 0.48	-17.19 0.13 41.96	13.73 0.08 10.03	20.80 -0.11 4.19	20.16 -0.16 16.74	26.33 -0.09 15.03	19.85 0.23 8.29	21.37 0.57 7.01	-59.57 1.01 89.07	-456.97 0.89 483.25	-5.18 0.85 27.97	23.39 1.19 0.00	25.64 1.28 -1.99	25.49 1.20 -1.75	29.56 1.29 -1.82	40.95 1.08 0.00	54.20 0.35 0.00	61.33 0.46 0.00	74.91 0.50 0.18	42.00 1.06 3.66	36.54 1.02 1.99	28.52 0.87 5.03
PORT_JEFF_4 23616	27.13 0.62 2.37	23.76 0.39 0.05	18.22 0.22 0.48	-17.19 0.13 41.96	13.73 0.08 10.03	20.80 -0.11 4.19	20.16 -0.16 16.74	26.33 -0.09 15.03	19.85 0.23 8.29	21.37 0.57 7.01	-59.57 1.01 89.07	-456.97 0.89 483.25	-5.18 0.85 27.97	23.39 1.19 0.00	25.64 1.28 -1.99	25.49 1.20 -1.75	29.56 1.29 -1.82	40.95 1.08 0.00	54.20 0.35 0.00	61.33 0.46 0.00	74.91 0.50 0.18	42.00 1.06 3.66	36.54 1.02 1.99	28.52 0.87 5.03

PORT_JEFF_IC 23713	27.04 0.66 2.49	23.79 0.41 0.05	18.22 0.24 0.50	-19.34 0.15 44.13	13.24 0.11 10.55	20.87 -0.08 4.16	20.33 -0.11 16.61	26.48 -0.04 14.92	19.89 0.21 8.23	21.46 0.61 6.96	-64.16 1.03 93.67	-481.96 0.90 508.25	-6.64 0.86 29.44	23.41 1.21 0.00	25.81 1.29 -2.14	25.67 1.22 -1.91	29.72 1.31 -1.96	41.00 1.13 0.00	54.28 0.44 0.00	61.41 0.55 0.00	75.04 0.62 0.17	42.36 1.13 3.38	36.76 1.08 1.84	28.85 0.90 4.74
PPL PILGRIM_ST_GT1 24216	29.80 1.16 0.23	24.19 0.77 0.00	18.97 0.53 0.04	21.07 0.57 4.14	23.16 0.47 0.99	21.26 0.18 4.02	21.20 0.21 16.07	27.32 0.31 14.43	20.42 0.47 7.96	21.89 0.82 6.73	21.14 1.44 8.79	-21.04 1.25 47.68	20.75 1.13 2.32	23.52 1.32 0.00	26.58 1.36 -2.83	26.55 1.34 -2.67	30.49 1.45 -2.60	41.20 1.33 0.00	54.72 0.87 0.00	61.88 1.01 0.00	75.73 1.26 0.12	44.04 1.47 2.04	37.82 1.43 1.12	30.42 1.06 3.32
PPL PILGRIM_ST_GT2 24217	29.80 1.16 0.23	24.19 0.77 0.00	18.97 0.53 0.04	21.07 0.57 4.14	23.16 0.47 0.99	21.26 0.18 4.02	21.20 0.21 16.07	27.32 0.31 14.43	20.42 0.47 7.96	21.89 0.82 6.73	21.14 1.44 8.79	-21.04 1.25 47.68	20.75 1.13 2.32	23.52 1.32 0.00	26.58 1.36 -2.83	26.55 1.34 -2.67	30.49 1.45 -2.60	41.20 1.33 0.00	54.72 0.87 0.00	61.88 1.01 0.00	75.73 1.26 0.12	44.04 1.47 2.04	37.82 1.43 1.12	30.42 1.06 3.32
PPL_SHRM_GT3 24213	26.74 0.22 2.35	23.40 0.02 0.05	17.94 -0.07 0.47	-17.28 -0.26 41.66	13.44 -0.28 9.96	20.46 -0.47 4.17	19.72 -0.66 16.67	25.90 -0.58 14.98	19.63 -0.02 8.26	21.08 0.25 6.99	-59.27 0.67 88.43	-453.83 0.59 479.80	-5.20 0.63 27.77	23.31 1.11 0.00	25.64 1.20 -2.06	25.47 1.10 -1.83	29.51 1.17 -1.89	40.82 0.95 0.00	53.64 -0.21 0.00	60.69 -0.18 0.00	74.17 -0.24 0.17	41.69 0.60 3.52	36.23 0.62 1.92	28.46 0.66 4.89
PPL_SHRM_GT4 24214	26.74 0.22 2.35	23.40 0.02 0.05	17.94 -0.07 0.47	-17.28 -0.26 41.66	13.44 -0.28 9.96	20.46 -0.47 4.17	19.72 -0.66 16.67	25.90 -0.58 14.98	19.63 -0.02 8.26	21.08 0.25 6.99	-59.27 0.67 88.43	-453.83 0.59 479.80	-5.20 0.63 27.77	23.31 1.11 0.00	25.64 1.20 -2.06	25.47 1.10 -1.83	29.51 1.17 -1.89	40.82 0.95 0.00	53.64 -0.21 0.00	60.69 -0.18 0.00	74.17 -0.24 0.17	41.69 0.60 3.52	36.23 0.62 1.92	28.46 0.66 4.89
PROJECT___ORANGE 1 24174	28.55 -0.33 0.00	23.14 -0.29 0.00	18.28 -0.20 0.00	24.35 -0.29 0.00	23.39 -0.28 0.00	24.82 -0.29 0.00	36.64 -0.42 0.00	41.02 -0.42 0.00	27.62 -0.28 0.00	27.45 -0.36 0.00	28.10 -0.39 0.00	25.03 -0.36 0.00	21.67 -0.27 0.00	21.91 -0.30 0.00	22.07 -0.31 0.00	22.23 -0.32 0.00	26.09 -0.36 0.00	39.34 -0.54 0.00	53.22 -0.63 0.00	60.08 -0.79 0.00	73.58 -1.01 0.00	43.93 -0.67 0.00	36.95 -0.57 0.00	32.18 -0.50 0.00
PROJECT___ORANGE 2 24166	28.55 -0.33 0.00	23.14 -0.29 0.00	18.28 -0.20 0.00	24.35 -0.29 0.00	23.39 -0.28 0.00	24.82 -0.29 0.00	36.64 -0.42 0.00	41.02 -0.42 0.00	27.62 -0.28 0.00	27.45 -0.36 0.00	28.10 -0.39 0.00	25.03 -0.36 0.00	21.67 -0.27 0.00	21.91 -0.30 0.00	22.07 -0.31 0.00	22.23 -0.32 0.00	26.09 -0.36 0.00	39.34 -0.54 0.00	53.22 -0.63 0.00	60.08 -0.79 0.00	73.58 -1.01 0.00	43.93 -0.67 0.00	36.95 -0.57 0.00	32.18 -0.50 0.00
PUCKETT___SOLAR 323809	31.01 2.13 0.00	24.76 1.34 0.00	19.73 1.25 0.00	25.90 1.26 0.00	24.64 0.96 0.00	26.06 0.96 0.00	39.17 2.11 0.00	45.30 3.85 0.00	29.79 1.88 0.00	28.46 0.64 0.00	28.13 -0.35 0.00	25.15 -0.24 0.00	21.72 0.12 0.34	22.42 0.21 0.00	22.62 0.24 0.00	22.78 0.24 0.00	27.52 1.07 0.00	42.55 2.68 0.00	59.22 5.37 0.00	66.88 6.01 0.00	81.86 7.27 0.00	48.73 4.13 0.00	40.87 3.36 0.00	35.39 2.71 0.00
PYRITES___HYD 24023	30.42 1.54 0.00	24.64 1.21 0.00	19.40 0.92 0.00	25.91 1.27 0.00	24.97 1.29 0.00	26.60 1.50 0.00	39.51 2.45 0.00	44.12 2.68 0.00	29.22 1.31 0.00	28.67 0.86 0.00	29.23 0.74 0.00	26.10 0.71 0.00	22.47 0.53 0.00	22.69 0.48 0.00	22.83 0.45 0.00	22.95 0.40 0.00	26.86 0.41 0.00	40.96 1.09 0.00	56.42 2.57 0.00	64.14 3.28 0.00	78.53 3.94 0.00	47.18 2.58 0.00	39.66 2.14 0.00	34.68 2.00 0.00
QUAKERRD_115KV_BK1 80622	28.70 -0.18 0.00	23.24 -0.19 0.00	18.35 -0.13 0.00	24.49 -0.15 0.00	23.56 -0.12 0.00	25.01 -0.09 0.00	36.48 -0.57 0.00	40.63 -0.81 0.00	27.43 -0.48 0.00	27.51 -0.31 0.00	28.36 -0.13 0.00	25.24 -0.14 0.00	21.85 -0.03 0.06	22.00 -0.21 0.00	22.10 -0.28 0.00	22.14 -0.41 0.00	25.67 -0.78 0.00	38.48 -1.40 0.00	52.47 -1.37 0.00	58.77 -2.10 0.00	71.78 -2.81 0.00	42.90 -1.71 0.00	36.19 -1.33 0.00	31.99 -0.69 0.00
QUENSBRY_115KV_TB8 356137	29.61 0.73 0.00	24.03 0.60 0.00	18.95 0.48 0.00	25.29 0.65 0.00	24.40 0.72 0.00	25.87 0.76 0.00	38.51 1.45 0.00	43.17 1.72 0.00	28.91 1.00 0.00	28.42 0.60 0.00	28.98 0.49 0.00	25.82 0.44 0.00	22.34 0.30 -0.10	22.53 0.32 0.00	22.72 0.34 0.00	23.04 0.50 0.00	27.33 0.88 0.00	41.58 1.70 0.00	56.06 2.22 0.00	63.50 2.63 0.00	77.92 3.34 0.00	46.42 1.81 0.00	38.96 1.45 0.00	33.79 1.11 0.00
RAMAPO___LBMP 323565	29.65 0.77 0.00	24.01 0.58 0.00	18.89 0.41 0.00	25.11 0.47 0.00	24.10 0.43 0.00	25.51 0.40 0.00	37.65 0.59 0.00	42.10 0.66 0.00	28.59 0.69 0.00	28.74 0.93 0.00	29.50 1.01 0.00	26.30 0.91 0.00	21.42 0.79 1.32	23.10 0.90 0.00	23.30 0.91 0.00	23.51 0.96 0.00	27.51 1.06 0.00	41.14 1.26 0.00	55.15 1.31 0.00	62.24 1.37 0.00	76.26 1.68 0.00	45.67 1.07 0.00	38.46 0.94 0.00	33.18 0.50 0.00
RANKINE____ 23646	29.47 0.60 0.00	23.86 0.44 0.00	18.84 0.36 0.00	25.21 0.57 0.00	24.25 0.57 0.00	25.67 0.57 0.00	36.91 -0.15 0.00	40.91 -0.53 0.00	27.78 -0.12 0.00	28.18 0.37 0.00	29.19 0.71 0.00	25.94 0.55 0.00	22.57 0.71 0.08	22.64 0.43 0.00	22.74 0.36 0.00	22.72 0.17 0.00	25.96 -0.49 0.00	38.35 -1.52 0.00	52.42 -1.43 0.00	58.24 -2.63 0.00	71.04 -3.55 0.00	42.59 -2.02 0.00	36.14 -1.38 0.00	32.38 -0.30 0.00
RAVENSWOOD_GT2_1 24244	29.92 1.04 0.00	24.22 0.80 0.00	19.06 0.58 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.71 0.60 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.82 0.91 0.00	29.06 1.25 0.00	29.89 1.40 0.00	26.64 1.26 0.00	23.56 1.12 -0.49	23.45 1.24 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.56 1.68 0.00	55.47 1.63 0.00	62.68 1.81 0.00	76.76 2.17 0.00	46.03 1.43 0.00	38.85 1.33 0.00	33.56 0.88 0.00
RAVENSWOOD_GT2_2 24245	29.92 1.04 0.00	24.22 0.80 0.00	19.06 0.58 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.71 0.60 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.82 0.91 0.00	29.06 1.25 0.00	29.89 1.40 0.00	26.64 1.26 0.00	23.56 1.12 -0.49	23.45 1.24 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.56 1.68 0.00	55.47 1.63 0.00	62.68 1.81 0.00	76.76 2.17 0.00	46.03 1.43 0.00	38.85 1.33 0.00	33.56 0.88 0.00



RAVENSWOOD_GT2_3 24246	29.93 1.05 0.00	24.23 0.81 0.00	19.07 0.58 0.00	25.32 0.67 0.00	24.31 0.63 0.00	25.71 0.61 0.00	37.98 0.92 0.00	42.43 0.98 0.00	28.83 0.93 0.00	29.08 1.26 0.00	29.90 1.41 0.00	26.66 1.27 0.00	23.57 1.14 -0.49	23.46 1.26 0.00	23.65 1.27 0.00	23.86 1.32 0.00	27.90 1.45 0.00	41.59 1.71 0.00	55.50 1.65 0.00	62.71 1.84 0.00	76.82 2.23 0.00	46.05 1.45 0.00	38.88 1.36 0.00	33.57 0.89 0.00
RAVENSWOOD_GT2_4 24247	29.93 1.05 0.00	24.23 0.81 0.00	19.07 0.58 0.00	25.32 0.67 0.00	24.31 0.63 0.00	25.71 0.61 0.00	37.98 0.92 0.00	42.43 0.98 0.00	28.83 0.93 0.00	29.08 1.26 0.00	29.90 1.41 0.00	26.66 1.27 0.00	23.57 1.14 -0.49	23.46 1.26 0.00	23.65 1.27 0.00	23.86 1.32 0.00	27.90 1.45 0.00	41.59 1.71 0.00	55.50 1.65 0.00	62.71 1.84 0.00	76.82 2.23 0.00	46.05 1.45 0.00	38.88 1.36 0.00	33.57 0.89 0.00
RAVENSWOOD_GT3_1 24248	29.92 1.04 0.00	24.22 0.80 0.00	19.06 0.58 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.71 0.60 0.00	37.95 0.89 0.00	42.41 0.96 0.00	28.82 0.92 0.00	29.07 1.25 0.00	29.89 1.40 0.00	26.64 1.26 0.00	23.56 1.13 -0.49	23.45 1.24 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.56 1.68 0.00	55.48 1.63 0.00	62.68 1.81 0.00	76.76 2.18 0.00	46.03 1.43 0.00	38.85 1.33 0.00	33.56 0.88 0.00
RAVENSWOOD_GT3_2 24249	29.92 1.04 0.00	24.22 0.80 0.00	19.06 0.58 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.71 0.60 0.00	37.95 0.89 0.00	42.41 0.96 0.00	28.82 0.92 0.00	29.07 1.25 0.00	29.89 1.40 0.00	26.64 1.26 0.00	23.56 1.13 -0.49	23.45 1.24 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.56 1.68 0.00	55.48 1.63 0.00	62.68 1.81 0.00	76.76 2.18 0.00	46.03 1.43 0.00	38.85 1.33 0.00	33.56 0.88 0.00
RAVENSWOOD_GT3_3 24250	29.96 1.08 0.00	24.26 0.83 0.00	19.08 0.60 0.00	25.34 0.70 0.00	24.33 0.65 0.00	25.74 0.64 0.00	38.02 0.96 0.00	42.48 1.03 0.00	28.86 0.96 0.00	29.11 1.30 0.00	29.94 1.45 0.00	26.69 1.31 0.00	23.60 1.17 -0.49	23.49 1.28 0.00	23.68 1.30 0.00	23.90 1.35 0.00	27.94 1.48 0.00	41.63 1.76 0.00	55.56 1.72 0.00	62.78 1.91 0.00	76.90 2.31 0.00	46.10 1.50 0.00	38.91 1.40 0.00	33.60 0.92 0.00
RAVENSWOOD_GT3_4 24251	29.96 1.08 0.00	24.26 0.83 0.00	19.08 0.60 0.00	25.34 0.70 0.00	24.33 0.65 0.00	25.74 0.64 0.00	38.02 0.96 0.00	42.48 1.03 0.00	28.86 0.96 0.00	29.11 1.30 0.00	29.94 1.45 0.00	26.69 1.31 0.00	23.60 1.17 -0.49	23.49 1.28 0.00	23.68 1.30 0.00	23.90 1.35 0.00	27.94 1.48 0.00	41.63 1.76 0.00	55.56 1.72 0.00	62.78 1.91 0.00	76.90 2.31 0.00	46.10 1.50 0.00	38.91 1.40 0.00	33.60 0.92 0.00
RAVENSWOOD_GT_1 23729	30.00 1.13 0.00	24.31 0.88 0.00	19.12 0.64 0.00	25.39 0.75 0.00	24.39 0.71 0.00	25.79 0.69 0.00	38.05 0.99 0.00	42.46 1.01 0.00	28.91 1.01 0.00	29.17 1.36 0.00	30.01 1.52 0.00	26.75 1.36 0.00	23.66 1.23 -0.49	23.56 1.35 0.00	23.75 1.37 0.00	23.96 1.41 0.00	27.99 1.54 0.00	41.64 1.77 0.00	55.47 1.63 0.00	62.71 1.84 0.00	76.81 2.22 0.00	46.09 1.49 0.00	38.93 1.41 0.00	33.62 0.94 0.00
RAVENSWOOD_GT_10 24258	29.92 1.04 0.00	24.22 0.80 0.00	19.06 0.58 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.71 0.60 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.82 0.91 0.00	29.06 1.25 0.00	29.89 1.40 0.00	26.64 1.26 0.00	23.55 1.12 -0.49	23.44 1.24 0.00	23.64 1.26 0.00	23.85 1.30 0.00	27.89 1.44 0.00	41.56 1.68 0.00	55.48 1.64 0.00	62.68 1.82 0.00	76.80 2.22 0.00	46.03 1.43 0.00	38.85 1.33 0.00	33.56 0.88 0.00
RAVENSWOOD_GT_11 24259	29.92 1.04 0.00	24.22 0.80 0.00	19.06 0.58 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.71 0.60 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.82 0.91 0.00	29.06 1.25 0.00	29.89 1.40 0.00	26.64 1.26 0.00	23.55 1.12 -0.49	23.44 1.24 0.00	23.64 1.26 0.00	23.85 1.30 0.00	27.89 1.44 0.00	41.56 1.68 0.00	55.48 1.64 0.00	62.68 1.82 0.00	76.80 2.22 0.00	46.03 1.43 0.00	38.85 1.33 0.00	33.56 0.88 0.00
RAVENSWOOD_GT_4 24252	29.90 1.03 0.00	24.21 0.79 0.00	19.05 0.57 0.00	25.29 0.65 0.00	24.28 0.61 0.00	25.70 0.59 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.80 0.90 0.00	29.05 1.23 0.00	29.87 1.38 0.00	26.63 1.24 0.00	23.54 1.11 -0.49	23.43 1.23 0.00	23.62 1.24 0.00	23.84 1.29 0.00	27.87 1.43 0.00	41.56 1.69 0.00	55.49 1.65 0.00	62.70 1.84 0.00	76.81 2.22 0.00	46.02 1.42 0.00	38.85 1.33 0.00	33.55 0.87 0.00
RAVENSWOOD_GT_5 24254	29.90 1.03 0.00	24.21 0.79 0.00	19.05 0.57 0.00	25.29 0.65 0.00	24.28 0.61 0.00	25.70 0.59 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.80 0.90 0.00	29.05 1.23 0.00	29.87 1.38 0.00	26.63 1.24 0.00	23.54 1.11 -0.49	23.43 1.23 0.00	23.62 1.24 0.00	23.84 1.29 0.00	27.87 1.43 0.00	41.56 1.69 0.00	55.49 1.65 0.00	62.70 1.84 0.00	76.81 2.22 0.00	46.02 1.42 0.00	38.85 1.33 0.00	33.55 0.87 0.00
RAVENSWOOD_GT_6 24253	29.90 1.03 0.00	24.21 0.79 0.00	19.05 0.57 0.00	25.29 0.65 0.00	24.28 0.61 0.00	25.70 0.59 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.80 0.90 0.00	29.05 1.23 0.00	29.87 1.38 0.00	26.63 1.24 0.00	23.54 1.11 -0.49	23.43 1.23 0.00	23.62 1.24 0.00	23.84 1.29 0.00	27.87 1.43 0.00	41.56 1.69 0.00	55.49 1.65 0.00	62.70 1.84 0.00	76.81 2.22 0.00	46.02 1.42 0.00	38.85 1.33 0.00	33.55 0.87 0.00
RAVENSWOOD_GT_7 24255	29.90 1.03 0.00	24.21 0.79 0.00	19.05 0.57 0.00	25.29 0.65 0.00	24.28 0.61 0.00	25.70 0.59 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.80 0.90 0.00	29.05 1.23 0.00	29.87 1.38 0.00	26.63 1.24 0.00	23.54 1.11 -0.49	23.43 1.23 0.00	23.62 1.24 0.00	23.84 1.29 0.00	27.87 1.43 0.00	41.56 1.69 0.00	55.49 1.65 0.00	62.70 1.84 0.00	76.81 2.22 0.00	46.02 1.42 0.00	38.85 1.33 0.00	33.55 0.87 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.92 1.04 0.00	24.22 0.80 0.00	19.06 0.58 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.71 0.60 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.82 0.91 0.00	29.06 1.25 0.00	29.89 1.40 0.00	26.64 1.26 0.00	23.55 1.12 -0.49	23.44 1.24 0.00	23.64 1.26 0.00	23.85 1.30 0.00	27.89 1.44 0.00	41.56 1.68 0.00	55.48 1.64 0.00	62.68 1.82 0.00	76.80 2.22 0.00	46.03 1.43 0.00	38.85 1.33 0.00	33.56 0.88 0.00
RAVENSWOOD_GT_9 24257	29.92 1.04 0.00	24.22 0.80 0.00	19.06 0.58 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.71 0.60 0.00	37.94 0.88 0.00	42.41 0.96 0.00	28.82 0.91 0.00	29.06 1.25 0.00	29.89 1.40 0.00	26.64 1.26 0.00	23.55 1.12 -0.49	23.44 1.24 0.00	23.64 1.26 0.00	23.85 1.30 0.00	27.89 1.44 0.00	41.56 1.68 0.00	55.48 1.64 0.00	62.68 1.82 0.00	76.80 2.22 0.00	46.03 1.43 0.00	38.85 1.33 0.00	33.56 0.88 0.00

RAVENSWOOD___1 23533	29.98 1.11 0.00	24.29 0.87 0.00	19.11 0.63 0.00	25.38 0.74 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.46 1.01 0.00	28.89 0.99 0.00	29.16 1.35 0.00	29.99 1.51 0.00	26.73 1.35 0.00	23.64 1.21 -0.49	23.54 1.33 0.00	23.73 1.35 0.00	23.94 1.40 0.00	27.97 1.52 0.00	41.62 1.74 0.00	55.45 1.60 0.00	62.68 1.81 0.00	76.75 2.16 0.00	46.05 1.44 0.00	38.89 1.38 0.00	33.60 0.92 0.00
RAVENSWOOD___2 23534	29.94 1.06 0.00	24.25 0.82 0.00	19.07 0.60 0.00	25.34 0.70 0.00	24.33 0.65 0.00	25.73 0.63 0.00	37.95 0.89 0.00	42.27 0.82 0.00	28.79 0.89 0.00	29.11 1.30 0.00	29.94 1.46 0.00	26.69 1.30 0.00	23.61 1.18 -0.49	23.50 1.29 0.00	23.69 1.31 0.00	23.90 1.35 0.00	27.93 1.48 0.00	41.48 1.60 0.00	55.05 1.21 0.00	62.20 1.33 0.00	76.18 1.59 0.00	45.69 1.09 0.00	38.69 1.17 0.00	33.53 0.85 0.00
RAVENSWOOD___3 23535	29.92 1.04 0.00	24.22 0.80 0.00	19.06 0.58 0.00	25.31 0.66 0.00	24.30 0.62 0.00	25.70 0.60 0.00	37.95 0.89 0.00	42.42 0.97 0.00	28.82 0.91 0.00	29.07 1.25 0.00	29.89 1.40 0.00	26.65 1.26 0.00	23.56 1.13 -0.49	23.45 1.25 0.00	23.64 1.26 0.00	23.86 1.31 0.00	27.89 1.44 0.00	41.56 1.68 0.00	55.48 1.63 0.00	62.68 1.81 0.00	76.76 2.17 0.00	46.03 1.43 0.00	38.85 1.33 0.00	33.56 0.88 0.00
RAVENSWOOD___4 23820	29.98 1.11 0.00	24.29 0.87 0.00	19.11 0.63 0.00	25.38 0.74 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.46 1.01 0.00	28.89 0.99 0.00	29.16 1.35 0.00	29.99 1.51 0.00	26.73 1.35 0.00	23.64 1.21 -0.49	23.54 1.33 0.00	23.73 1.35 0.00	23.94 1.40 0.00	27.97 1.52 0.00	41.62 1.74 0.00	55.45 1.60 0.00	62.68 1.81 0.00	76.75 2.16 0.00	46.05 1.44 0.00	38.89 1.38 0.00	33.60 0.92 0.00
RCPL_TRUST___DRP 24196	29.95 1.07 0.00	24.25 0.82 0.00	19.08 0.60 0.00	25.33 0.69 0.00	24.33 0.65 0.00	25.74 0.64 0.00	38.02 0.96 0.00	42.48 1.03 0.00	28.85 0.94 0.00	29.10 1.30 0.00	29.94 1.45 0.00	26.69 1.31 0.00	23.60 1.17 -0.49	23.49 1.28 0.00	23.68 1.30 0.00	23.90 1.35 0.00	27.93 1.48 0.00	41.63 1.75 0.00	55.53 1.69 0.00	62.70 1.84 0.00	76.80 2.21 0.00	46.02 1.42 0.00	38.84 1.32 0.00	33.56 0.87 0.00
RED___ROCHESTER 323720	29.47 0.59 0.00	23.84 0.41 0.00	18.82 0.34 0.00	25.13 0.49 0.00	24.17 0.49 0.00	25.66 0.56 0.00	37.38 0.33 0.00	41.65 0.20 0.00	28.13 0.22 0.00	28.23 0.42 0.00	29.14 0.65 0.00	25.94 0.56 0.00	22.48 0.60 0.06	22.60 0.40 0.00	22.70 0.32 0.00	22.73 0.18 0.00	26.29 -0.15 0.00	39.37 -0.51 0.00	53.77 -0.08 0.00	60.17 -0.69 0.00	73.44 -1.15 0.00	43.92 -0.68 0.00	37.06 -0.46 0.00	32.81 0.12 0.00
REGAN___SOLAR 323812	29.62 0.74 0.00	24.03 0.61 0.00	18.94 0.46 0.00	25.27 0.63 0.00	24.28 0.60 0.00	25.83 0.73 0.00	38.38 1.32 0.00	43.69 2.25 0.00	28.59 0.69 0.00	27.39 -0.42 0.00	27.83 -0.66 0.00	24.79 -0.60 0.00	21.64 -0.40 -0.10	21.85 -0.36 0.00	21.97 -0.41 0.00	22.01 -0.54 0.00	26.09 -0.36 0.00	40.41 0.54 0.00	55.78 1.93 0.00	63.25 2.38 0.00	77.52 2.93 0.00	46.24 1.63 0.00	38.80 1.28 0.00	33.71 1.02 0.00
RENSSELAER___COGEN 23796	28.71 -0.16 0.00	23.37 -0.06 0.00	18.43 -0.04 0.00	24.56 -0.08 0.00	23.61 -0.07 0.00	24.97 -0.13 0.00	36.89 -0.17 0.00	41.33 -0.12 0.00	27.87 -0.04 0.00	27.79 -0.03 0.00	28.44 -0.04 0.00	25.39 0.01 0.00	22.03 -0.02 -0.11	22.24 0.03 0.00	22.43 0.05 0.00	22.60 0.06 0.00	26.61 0.16 0.00	40.03 0.15 0.00	53.66 -0.19 0.00	60.78 -0.09 0.00	74.66 0.07 0.00	44.60 0.00 0.00	37.56 0.05 0.00	32.62 -0.06 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.22 2.34 0.00	25.31 1.88 0.00	19.94 1.46 0.00	26.60 1.96 0.00	25.90 2.23 0.00	27.49 2.39 0.00	41.38 4.32 0.00	46.23 4.78 0.00	30.68 2.77 0.00	29.77 1.96 0.00	30.44 1.96 0.00	27.18 1.80 0.00	23.48 1.43 -0.10	23.69 1.48 0.00	23.87 1.49 0.00	24.40 1.86 0.00	29.14 2.69 0.00	44.52 4.65 0.00	60.01 6.16 0.00	68.07 7.21 0.00	83.56 8.97 0.00	49.50 4.90 0.00	41.37 3.86 0.00	35.92 3.23 0.00
REVERE_CPPR_DRP 24186	29.64 0.77 0.00	24.04 0.61 0.00	18.98 0.51 0.00	25.32 0.67 0.00	24.37 0.70 0.00	25.94 0.84 0.00	38.49 1.44 0.00	43.14 1.70 0.00	28.82 0.91 0.00	28.29 0.48 0.00	28.85 0.36 0.00	25.63 0.24 0.00	22.17 0.23 0.00	22.45 0.24 0.00	22.66 0.28 0.00	22.85 0.30 0.00	26.93 0.48 0.00	41.09 1.21 0.00	56.09 2.24 0.00	63.41 2.54 0.00	77.61 3.02 0.00	46.38 1.78 0.00	38.94 1.43 0.00	33.78 1.10 0.00
REYNLDPA_13_KV_LD 356490	29.63 0.76 0.00	24.00 0.57 0.00	18.90 0.42 0.00	25.23 0.59 0.00	24.27 0.60 0.00	25.79 0.69 0.00	38.05 0.99 0.00	42.46 1.02 0.00	28.50 0.60 0.00	28.43 0.62 0.00	29.13 0.64 0.00	25.97 0.59 0.00	22.42 0.48 0.00	22.64 0.43 0.00	22.81 0.43 0.00	22.96 0.42 0.00	26.90 0.45 0.00	40.63 0.75 0.00	55.08 1.23 0.00	62.23 1.37 0.00	76.17 1.58 0.00	45.62 1.02 0.00	38.33 0.82 0.00	33.54 0.86 0.00
REYNOLDS_115KV_TB3 80639	28.87 0.00 0.00	23.49 0.06 0.00	18.53 0.05 0.00	24.70 0.06 0.00	23.75 0.07 0.00	25.11 0.01 0.00	37.14 0.08 0.00	41.58 0.13 0.00	28.04 0.13 0.00	27.97 0.15 0.00	28.62 0.14 0.00	25.55 0.16 0.00	22.16 0.10 -0.12	22.37 0.16 0.00	22.57 0.19 0.00	22.74 0.19 0.00	26.77 0.32 0.00	40.29 0.42 0.00	54.00 0.15 0.00	61.18 0.31 0.00	75.16 0.57 0.00	44.91 0.31 0.00	37.81 0.29 0.00	32.83 0.15 0.00
RIVERBAY____ 323610	30.44 1.57 0.00	24.73 1.31 0.00	19.45 0.98 0.00	25.89 1.25 0.00	24.88 1.20 0.00	26.34 1.24 0.00	38.96 1.90 0.00	43.48 2.03 0.00	29.51 1.61 0.00	29.64 1.82 0.00	30.43 1.95 0.00	27.06 1.68 0.00	23.95 1.52 -0.49	23.85 1.65 0.00	24.05 1.67 0.00	24.26 1.71 0.00	28.34 1.90 0.00	42.23 2.35 0.00	56.41 2.56 0.00	63.84 2.97 0.00	78.09 3.50 0.00	46.86 2.26 0.00	39.48 1.96 0.00	33.35 1.42 0.75
RIVERSDE_115KV_TB3 55908	28.81 -0.06 0.00	23.44 0.02 0.00	18.49 0.01 0.00	24.64 0.00 0.00	23.69 0.02 0.00	25.06 -0.04 0.00	37.04 -0.02 0.00	41.49 0.05 0.00	27.98 0.07 0.00	27.89 0.08 0.00	28.56 0.07 0.00	25.49 0.10 0.00	22.12 0.06 -0.12	22.32 0.11 0.00	22.52 0.14 0.00	22.69 0.15 0.00	26.72 0.27 0.00	40.21 0.34 0.00	53.89 0.04 0.00	61.05 0.18 0.00	74.96 0.37 0.00	44.80 0.20 0.00	37.72 0.20 0.00	32.74 0.06 0.00
ROARING___BROOK_WT_PWR 323790	28.70 -0.18 0.00	23.30 -0.13 0.00	18.34 -0.14 0.00	24.54 -0.11 0.00	23.63 -0.05 0.00	25.10 0.00 0.00	37.04 -0.02 0.00	41.41 -0.04 0.00	27.92 0.01 0.00	27.78 -0.03 0.00	28.44 -0.05 0.00	25.34 -0.04 0.00	21.90 -0.04 0.00	22.22 0.01 0.00	22.42 0.05 0.00	22.59 0.05 0.00	26.50 0.05 0.00	39.98 0.10 0.00	54.05 0.20 0.00	61.11 0.24 0.00	74.82 0.23 0.00	44.77 0.17 0.00	37.65 0.13 0.00	32.82 0.14 0.00

ROCHESRG_115KV_T4 355643	29.26 0.39 0.00	23.69 0.27 0.00	18.71 0.23 0.00	24.99 0.34 0.00	24.03 0.36 0.00	25.50 0.40 0.00	37.12 0.06 0.00	41.32 -0.13 0.00	27.91 0.00 0.00	28.03 0.22 0.00	28.93 0.45 0.00	25.75 0.37 0.00	22.32 0.43 0.06	22.45 0.24 0.00	22.55 0.17 0.00	22.57 0.02 0.00	26.10 -0.35 0.00	39.01 -0.86 0.00	53.25 -0.60 0.00	59.59 -1.27 0.00	72.77 -1.82 0.00	43.52 -1.08 0.00	36.74 -0.77 0.00	32.55 -0.13 0.00
ROCHESTER_9_IC 23652	29.39 0.51 0.00	23.79 0.36 0.00	18.78 0.31 0.00	25.08 0.43 0.00	24.13 0.45 0.00	25.61 0.51 0.00	37.29 0.23 0.00	41.53 0.08 0.00	28.04 0.14 0.00	28.15 0.34 0.00	29.06 0.57 0.00	25.86 0.48 0.00	22.41 0.53 0.06	22.54 0.34 0.00	22.65 0.27 0.00	22.66 0.12 0.00	26.22 -0.23 0.00	39.22 -0.66 0.00	53.55 -0.29 0.00	59.95 -0.91 0.00	73.21 -1.38 0.00	43.76 -0.84 0.00	36.93 -0.59 0.00	32.71 0.02 0.00
ROCKVIEW_13_KV_LD 356306	29.92 1.04 0.00	24.23 0.81 0.00	19.08 0.60 0.00	25.34 0.70 0.00	24.33 0.65 0.00	25.74 0.64 0.00	38.02 0.96 0.00	42.51 1.07 0.00	28.86 0.96 0.00	29.06 1.25 0.00	29.87 1.38 0.00	26.62 1.23 0.00	23.52 1.09 -0.49	23.41 1.20 0.00	23.61 1.22 0.00	23.82 1.27 0.00	27.87 1.43 0.00	41.59 1.72 0.00	55.59 1.74 0.00	62.76 1.90 0.00	76.89 2.30 0.00	46.09 1.48 0.00	38.86 1.34 0.00	33.57 0.89 0.00
ROME____115KV_TB2 80656	29.64 0.77 0.00	24.04 0.61 0.00	18.98 0.51 0.00	25.32 0.67 0.00	24.37 0.70 0.00	25.94 0.84 0.00	38.49 1.44 0.00	43.14 1.70 0.00	28.82 0.91 0.00	28.29 0.48 0.00	28.85 0.36 0.00	25.63 0.24 0.00	22.17 0.23 0.00	22.45 0.24 0.00	22.66 0.28 0.00	22.85 0.30 0.00	26.93 0.48 0.00	41.09 1.21 0.00	56.09 2.24 0.00	63.41 2.54 0.00	77.61 3.02 0.00	46.38 1.78 0.00	38.94 1.43 0.00	33.78 1.10 0.00
ROSETON___1 23587	29.58 0.70 0.00	23.99 0.56 0.00	18.89 0.41 0.00	25.11 0.48 0.00	24.12 0.44 0.00	25.50 0.40 0.00	37.67 0.61 0.00	42.15 0.70 0.00	28.58 0.67 0.00	28.71 0.90 0.00	29.48 0.99 0.00	26.28 0.90 0.00	23.02 0.78 -0.31	23.08 0.87 0.00	23.28 0.89 0.00	23.48 0.94 0.00	27.51 1.06 0.00	41.15 1.28 0.00	55.04 1.20 0.00	62.23 1.36 0.00	76.28 1.69 0.00	45.67 1.07 0.00	38.48 0.96 0.00	33.28 0.59 0.00
ROSETON___2 23588	29.58 0.70 0.00	23.99 0.56 0.00	18.89 0.41 0.00	25.11 0.48 0.00	24.12 0.44 0.00	25.50 0.40 0.00	37.67 0.61 0.00	42.15 0.70 0.00	28.58 0.67 0.00	28.71 0.90 0.00	29.48 0.99 0.00	26.28 0.90 0.00	23.02 0.78 -0.31	23.08 0.87 0.00	23.28 0.89 0.00	23.48 0.94 0.00	27.51 1.06 0.00	41.15 1.28 0.00	55.04 1.20 0.00	62.23 1.36 0.00	76.28 1.69 0.00	45.67 1.07 0.00	38.48 0.96 0.00	33.28 0.59 0.00
ROTTRDAM_115KV_TB3 80664	29.23 0.35 0.00	23.74 0.31 0.00	18.72 0.24 0.00	24.97 0.33 0.00	23.99 0.32 0.00	25.41 0.31 0.00	37.59 0.53 0.00	42.12 0.68 0.00	28.31 0.41 0.00	28.15 0.33 0.00	28.80 0.31 0.00	25.65 0.27 0.00	22.26 0.22 -0.10	22.47 0.26 0.00	22.65 0.27 0.00	22.83 0.29 0.00	26.88 0.43 0.00	40.58 0.70 0.00	54.68 0.83 0.00	61.89 1.02 0.00	75.93 1.35 0.00	45.37 0.76 0.00	38.15 0.63 0.00	33.13 0.45 0.00
RUSSELL___1 23602	29.47 0.59 0.00	23.84 0.41 0.00	18.82 0.34 0.00	25.13 0.49 0.00	24.17 0.49 0.00	25.65 0.55 0.00	37.38 0.32 0.00	41.64 0.20 0.00	28.13 0.22 0.00	28.23 0.42 0.00	29.14 0.65 0.00	25.94 0.56 0.00	22.48 0.60 0.06	22.61 0.40 0.00	22.70 0.32 0.00	22.73 0.18 0.00	26.29 -0.16 0.00	39.36 -0.51 0.00	53.77 -0.08 0.00	60.18 -0.69 0.00	73.50 -1.09 0.00	43.92 -0.67 0.00	37.06 -0.46 0.00	32.80 0.12 0.00
RUSSELL___2 23532	29.47 0.59 0.00	23.84 0.41 0.00	18.82 0.34 0.00	25.13 0.49 0.00	24.17 0.49 0.00	25.65 0.55 0.00	37.38 0.32 0.00	41.64 0.20 0.00	28.13 0.22 0.00	28.23 0.42 0.00	29.14 0.65 0.00	25.94 0.56 0.00	22.48 0.60 0.06	22.61 0.40 0.00	22.70 0.32 0.00	22.73 0.18 0.00	26.29 -0.16 0.00	39.36 -0.51 0.00	53.77 -0.08 0.00	60.18 -0.69 0.00	73.50 -1.09 0.00	43.92 -0.67 0.00	37.06 -0.46 0.00	32.80 0.12 0.00
RUSSELL___3 23549	29.47 0.59 0.00	23.84 0.41 0.00	18.82 0.34 0.00	25.13 0.49 0.00	24.17 0.49 0.00	25.65 0.55 0.00	37.38 0.32 0.00	41.64 0.20 0.00	28.13 0.22 0.00	28.23 0.42 0.00	29.14 0.65 0.00	25.94 0.56 0.00	22.48 0.60 0.06	22.61 0.40 0.00	22.70 0.32 0.00	22.73 0.18 0.00	26.29 -0.16 0.00	39.36 -0.51 0.00	53.77 -0.08 0.00	60.18 -0.69 0.00	73.50 -1.09 0.00	43.92 -0.67 0.00	37.06 -0.46 0.00	32.80 0.12 0.00
RUSSELL___4 23556	29.47 0.59 0.00	23.84 0.41 0.00	18.82 0.34 0.00	25.13 0.49 0.00	24.17 0.49 0.00	25.65 0.55 0.00	37.38 0.32 0.00	41.64 0.20 0.00	28.13 0.22 0.00	28.23 0.42 0.00	29.14 0.65 0.00	25.94 0.56 0.00	22.48 0.60 0.06	22.61 0.40 0.00	22.70 0.32 0.00	22.73 0.18 0.00	26.29 -0.16 0.00	39.36 -0.51 0.00	53.77 -0.08 0.00	60.18 -0.69 0.00	73.50 -1.09 0.00	43.92 -0.67 0.00	37.06 -0.46 0.00	32.80 0.12 0.00
RUSSELL___STATION 23914	29.47 0.59 0.00	23.84 0.41 0.00	18.82 0.34 0.00	25.13 0.49 0.00	24.17 0.49 0.00	25.65 0.55 0.00	37.38 0.32 0.00	41.64 0.20 0.00	28.13 0.22 0.00	28.23 0.42 0.00	29.14 0.65 0.00	25.94 0.56 0.00	22.48 0.60 0.06	22.61 0.40 0.00	22.70 0.32 0.00	22.73 0.18 0.00	26.29 -0.16 0.00	39.36 -0.51 0.00	53.77 -0.08 0.00	60.18 -0.69 0.00	73.50 -1.09 0.00	43.92 -0.67 0.00	37.06 -0.46 0.00	32.80 0.12 0.00
S SALMON___HYD 24043	28.67 -0.21 0.00	23.24 -0.18 0.00	18.38 -0.10 0.00	24.48 -0.16 0.00	23.59 -0.09 0.00	25.09 -0.01 0.00	37.17 0.11 0.00	41.67 0.22 0.00	27.85 -0.05 0.00	27.45 -0.36 0.00	27.95 -0.54 0.00	24.88 -0.51 0.00	21.54 -0.40 0.00	21.80 -0.41 0.00	21.94 -0.44 0.00	22.10 -0.44 0.00	25.89 -0.56 0.00	39.50 -0.38 0.00	53.99 0.14 0.00	61.25 0.39 0.00	74.98 0.39 0.00	44.77 0.17 0.00	37.60 0.08 0.00	32.74 0.06 0.00
S.PERRY__115KV_TB1 80734	30.15 1.27 0.00	24.36 0.93 0.00	19.22 0.74 0.00	25.71 1.07 0.00	24.74 1.07 0.00	26.30 1.20 0.00	38.45 1.39 0.00	42.90 1.45 0.00	28.82 0.91 0.00	28.34 0.53 0.00	29.15 0.66 0.00	25.94 0.55 0.00	22.53 0.67 0.08	22.59 0.38 0.00	22.67 0.29 0.00	22.75 0.21 0.00	26.40 -0.04 0.00	39.73 -0.14 0.00	55.10 1.25 0.00	61.92 1.05 0.00	75.57 0.98 0.00	45.03 0.43 0.00	37.89 0.37 0.00	33.43 0.75 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.36 0.49 0.00	23.78 0.35 0.00	18.78 0.31 0.00	25.14 0.49 0.00	24.18 0.50 0.00	25.60 0.50 0.00	36.73 -0.33 0.00	40.64 -0.81 0.00	27.61 -0.30 0.00	28.07 0.26 0.00	29.12 0.63 0.00	25.87 0.48 0.00	22.51 0.65 0.07	22.57 0.36 0.00	22.67 0.29 0.00	22.64 0.09 0.00	25.82 -0.63 0.00	38.03 -1.84 0.00	51.93 -1.92 0.00	57.71 -3.15 0.00	70.38 -4.21 0.00	42.24 -2.36 0.00	35.88 -1.64 0.00	32.24 -0.45 0.00

SAWYER___23_KV_LOAD 55526	29.36 0.49 0.00	23.78 0.35 0.00	18.78 0.31 0.00	25.14 0.49 0.00	24.18 0.50 0.00	25.60 0.50 0.00	36.73 -0.33 0.00	40.64 -0.81 0.00	27.61 -0.30 0.00	28.07 0.26 0.00	29.12 0.63 0.00	25.87 0.48 0.00	22.51 0.65 0.07	22.57 0.36 0.00	22.67 0.29 0.00	22.64 0.09 0.00	25.82 -0.63 0.00	38.03 -1.84 0.00	51.93 -1.92 0.00	57.71 -3.15 0.00	70.38 -4.21 0.00	42.24 -2.36 0.00	35.88 -1.64 0.00	32.24 -0.45 0.00
SELKIRK___I 23801	29.00 0.13 0.00	23.60 0.17 0.00	18.63 0.15 0.00	24.85 0.21 0.00	23.87 0.19 0.00	25.25 0.15 0.00	37.29 0.23 0.00	41.72 0.27 0.00	28.01 0.11 0.00	27.83 0.01 0.00	28.57 0.08 0.00	25.49 0.11 0.00	22.07 0.03 -0.10	22.28 0.07 0.00	22.47 0.09 0.00	22.65 0.10 0.00	26.68 0.24 0.00	40.30 0.43 0.00	54.16 0.31 0.00	61.34 0.48 0.00	75.31 0.73 0.00	45.04 0.44 0.00	37.91 0.39 0.00	32.96 0.27 0.00
SELKIRK___II 23799	28.88 0.00 0.00	23.49 0.06 0.00	18.53 0.05 0.00	24.69 0.05 0.00	23.73 0.05 0.00	25.09 -0.01 0.00	37.06 0.00 0.00	41.51 0.06 0.00	27.99 0.08 0.00	27.91 0.10 0.00	28.59 0.11 0.00	25.51 0.12 0.00	22.13 0.08 -0.11	22.34 0.13 0.00	22.54 0.16 0.00	22.71 0.16 0.00	26.69 0.24 0.00	40.17 0.29 0.00	53.91 0.07 0.00	61.04 0.17 0.00	74.95 0.36 0.00	44.81 0.21 0.00	37.72 0.21 0.00	32.76 0.08 0.00
SENECA OSWGO___HYD 24041	28.27 -0.61 0.00	22.92 -0.51 0.00	18.11 -0.37 0.00	24.11 -0.53 0.00	23.17 -0.50 0.00	24.59 -0.52 0.00	36.30 -0.76 0.00	40.65 -0.80 0.00	27.36 -0.54 0.00	27.18 -0.63 0.00	27.79 -0.70 0.00	24.75 -0.63 0.00	21.42 -0.52 0.00	21.66 -0.54 0.00	21.81 -0.56 0.00	21.98 -0.56 0.00	25.80 -0.65 0.00	38.97 -0.90 0.00	52.79 -1.05 0.00	59.66 -1.21 0.00	73.06 -1.53 0.00	43.63 -0.97 0.00	36.69 -0.83 0.00	31.95 -0.73 0.00
SENECA___115KV_TB3 355854	29.52 0.64 0.00	23.89 0.46 0.00	18.86 0.39 0.00	25.25 0.60 0.00	24.28 0.60 0.00	25.71 0.61 0.00	36.96 -0.09 0.00	40.98 -0.46 0.00	27.84 -0.07 0.00	28.23 0.42 0.00	29.24 0.76 0.00	25.98 0.59 0.00	22.61 0.75 0.08	22.67 0.46 0.00	22.78 0.40 0.00	22.76 0.21 0.00	26.00 -0.45 0.00	38.42 -1.46 0.00	52.51 -1.34 0.00	58.34 -2.53 0.00	71.18 -3.41 0.00	42.66 -1.95 0.00	36.19 -1.33 0.00	32.43 -0.25 0.00
SENECA___ENERGY 23797	29.02 0.15 0.00	23.52 0.09 0.00	18.57 0.10 0.00	24.77 0.13 0.00	23.81 0.13 0.00	25.25 0.15 0.00	37.13 0.06 0.00	41.46 0.01 0.00	27.94 0.04 0.00	27.82 0.01 0.00	28.48 -0.01 0.00	25.32 -0.07 0.00	21.92 0.04 0.06	22.15 -0.06 0.00	22.27 -0.11 0.00	22.37 -0.18 0.00	26.12 -0.33 0.00	39.42 -0.46 0.00	53.77 -0.08 0.00	60.51 -0.35 0.00	73.96 -0.63 0.00	44.10 -0.50 0.00	37.20 -0.32 0.00	32.55 -0.14 0.00
SHOEMAKER___GT 23640	29.51 0.64 0.00	23.92 0.50 0.00	18.84 0.36 0.00	25.05 0.41 0.00	24.04 0.36 0.00	25.43 0.33 0.00	37.57 0.51 0.00	42.01 0.57 0.00	28.46 0.56 0.00	28.50 0.68 0.00	29.20 0.71 0.00	26.02 0.63 0.00	21.38 0.56 1.12	22.84 0.63 0.00	23.03 0.65 0.00	23.25 0.70 0.00	27.25 0.80 0.00	40.90 1.03 0.00	55.00 1.15 0.00	62.11 1.25 0.00	76.12 1.53 0.00	45.54 0.94 0.00	38.34 0.82 0.00	33.11 0.43 0.00
SHOEMAKR_138KV_BK 111 55601	29.51 0.63 0.00	23.92 0.49 0.00	18.83 0.35 0.00	25.04 0.39 0.00	24.03 0.35 0.00	25.43 0.33 0.00	37.54 0.49 0.00	41.99 0.54 0.00	28.46 0.55 0.00	28.52 0.70 0.00	29.23 0.74 0.00	26.04 0.66 0.00	21.42 0.58 1.10	22.87 0.66 0.00	23.06 0.68 0.00	23.27 0.73 0.00	27.27 0.83 0.00	40.90 1.03 0.00	54.97 1.12 0.00	62.07 1.21 0.00	76.10 1.51 0.00	45.53 0.92 0.00	38.32 0.80 0.00	33.10 0.41 0.00
SHOREHAM_IC_1 23715	26.74 0.22 2.35	23.40 0.02 0.05	17.94 -0.07 0.47	-17.28 -0.26 41.66	13.44 -0.28 9.96	20.46 -0.47 4.17	19.72 -0.66 16.67	25.90 -0.58 14.98	19.63 -0.02 8.26	21.08 0.25 6.99	-59.27 0.67 88.43	-453.83 0.59 479.80	-5.20 0.63 27.77	23.31 1.11 0.00	25.64 1.20 -2.06	25.47 1.10 -1.83	29.51 1.17 -1.89	40.82 0.95 0.00	53.64 -0.21 0.00	60.69 -0.18 0.00	74.17 -0.24 0.17	41.69 0.60 3.52	36.23 0.62 1.92	28.46 0.66 4.89
SHOREHAM_IC_2 23716	26.74 0.22 2.35	23.40 0.03 0.05	17.94 -0.07 0.47	-17.27 -0.26 41.66	13.45 -0.27 9.96	20.46 -0.47 4.17	19.73 -0.65 16.67	25.91 -0.57 14.98	19.63 -0.01 8.26	21.08 0.26 6.99	-59.27 0.67 88.43	-453.83 0.59 479.80	-5.19 0.63 27.77	23.32 1.12 0.00	25.64 1.20 -2.06	25.48 1.10 -1.83	29.51 1.18 -1.89	40.82 0.95 0.00	53.64 -0.21 0.00	60.69 -0.18 0.00	74.16 -0.25 0.17	41.70 0.61 3.52	36.23 0.63 1.92	28.46 0.66 4.89
SISSONVILLE____ 23735	29.93 1.05 0.00	24.24 0.81 0.00	19.09 0.61 0.00	25.49 0.85 0.00	24.57 0.89 0.00	26.17 1.07 0.00	38.80 1.74 0.00	43.36 1.91 0.00	28.90 0.99 0.00	28.49 0.68 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.36 0.42 0.00	22.58 0.37 0.00	22.71 0.33 0.00	22.81 0.26 0.00	26.66 0.22 0.00	40.59 0.72 0.00	55.33 1.49 0.00	62.84 1.97 0.00	77.05 2.46 0.00	46.41 1.81 0.00	39.10 1.58 0.00	34.19 1.51 0.00
SITHE_IND_GS1 24169	28.04 -0.84 0.00	22.74 -0.69 0.00	17.97 -0.51 0.00	23.93 -0.71 0.00	22.98 -0.70 0.00	24.37 -0.73 0.00	35.95 -1.11 0.00	40.23 -1.22 0.00	27.09 -0.81 0.00	26.96 -0.85 0.00	27.61 -0.87 0.00	24.60 -0.78 0.00	21.29 -0.65 0.00	21.53 -0.67 0.00	21.69 -0.69 0.00	21.85 -0.70 0.00	25.61 -0.84 0.00	38.62 -1.26 0.00	52.23 -1.61 0.00	58.99 -1.88 0.00	72.26 -2.33 0.00	43.17 -1.43 0.00	36.33 -1.20 0.00	31.66 -1.02 0.00
SITHE_IND_GS2 24170	28.04 -0.84 0.00	22.74 -0.69 0.00	17.97 -0.51 0.00	23.93 -0.71 0.00	22.98 -0.70 0.00	24.37 -0.73 0.00	35.95 -1.11 0.00	40.23 -1.22 0.00	27.09 -0.81 0.00	26.96 -0.85 0.00	27.61 -0.87 0.00	24.60 -0.78 0.00	21.29 -0.65 0.00	21.53 -0.67 0.00	21.69 -0.69 0.00	21.85 -0.70 0.00	25.61 -0.84 0.00	38.62 -1.26 0.00	52.23 -1.61 0.00	58.99 -1.88 0.00	72.26 -2.33 0.00	43.17 -1.43 0.00	36.33 -1.20 0.00	31.66 -1.02 0.00
SITHE_IND_GS3 24171	28.04 -0.84 0.00	22.74 -0.69 0.00	17.97 -0.51 0.00	23.93 -0.71 0.00	22.98 -0.70 0.00	24.37 -0.73 0.00	35.95 -1.11 0.00	40.23 -1.22 0.00	27.09 -0.81 0.00	26.96 -0.85 0.00	27.61 -0.87 0.00	24.60 -0.78 0.00	21.29 -0.65 0.00	21.53 -0.67 0.00	21.69 -0.69 0.00	21.85 -0.70 0.00	25.61 -0.84 0.00	38.62 -1.26 0.00	52.23 -1.61 0.00	58.99 -1.88 0.00	72.26 -2.33 0.00	43.17 -1.43 0.00	36.33 -1.20 0.00	31.66 -1.02 0.00
SITHE_IND_GS4 24172	28.04 -0.84 0.00	22.74 -0.69 0.00	17.97 -0.51 0.00	23.93 -0.71 0.00	22.98 -0.70 0.00	24.37 -0.73 0.00	35.95 -1.11 0.00	40.23 -1.22 0.00	27.09 -0.81 0.00	26.96 -0.85 0.00	27.61 -0.87 0.00	24.60 -0.78 0.00	21.29 -0.65 0.00	21.53 -0.67 0.00	21.69 -0.69 0.00	21.85 -0.70 0.00	25.61 -0.84 0.00	38.62 -1.26 0.00	52.23 -1.61 0.00	58.99 -1.88 0.00	72.26 -2.33 0.00	43.17 -1.43 0.00	36.33 -1.20 0.00	31.66 -1.02 0.00

SITHE____BATAVIA 24024	30.07 1.20 0.00	24.35 0.92 0.00	19.22 0.75 0.00	25.69 1.05 0.00	24.73 1.06 0.00	26.26 1.16 0.00	37.97 0.91 0.00	42.18 0.73 0.00	28.49 0.58 0.00	28.52 0.71 0.00	29.39 0.91 0.00	26.26 0.87 0.00	22.73 0.86 0.07	22.81 0.60 0.00	22.84 0.45 0.00	22.75 0.20 0.00	25.94 -0.51 0.00	38.34 -1.53 0.00	53.60 -0.25 0.00	59.93 -0.94 0.00	73.01 -1.58 0.00	43.76 -0.84 0.00	37.08 -0.43 0.00	33.16 0.48 0.00
SITHE____INDEPEND 23800	28.04 -0.84 0.00	22.74 -0.69 0.00	17.97 -0.51 0.00	23.93 -0.71 0.00	22.98 -0.69 0.00	24.37 -0.73 0.00	35.95 -1.11 0.00	40.23 -1.22 0.00	27.09 -0.81 0.00	26.96 -0.85 0.00	27.61 -0.87 0.00	24.60 -0.78 0.00	21.29 -0.65 0.00	21.53 -0.67 0.00	21.69 -0.69 0.00	21.85 -0.70 0.00	25.61 -0.84 0.00	38.62 -1.26 0.00	52.23 -1.61 0.00	58.99 -1.88 0.00	72.26 -2.33 0.00	43.18 -1.42 0.00	36.33 -1.20 0.00	31.66 -1.02 0.00
SITHE____MASSENA 23902	29.64 0.77 0.00	24.01 0.59 0.00	18.91 0.43 0.00	25.24 0.60 0.00	24.29 0.61 0.00	25.81 0.71 0.00	38.11 1.05 0.00	42.54 1.09 0.00	28.51 0.61 0.00	28.40 0.59 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.38 0.44 0.00	22.60 0.39 0.00	22.78 0.40 0.00	22.93 0.38 0.00	26.85 0.40 0.00	40.58 0.70 0.00	55.09 1.24 0.00	62.32 1.45 0.00	76.27 1.69 0.00	45.68 1.08 0.00	38.39 0.87 0.00	33.59 0.91 0.00
SITHE____OGDNSBRG 24021	30.31 1.44 0.00	24.55 1.12 0.00	19.33 0.85 0.00	25.82 1.18 0.00	24.87 1.19 0.00	26.48 1.38 0.00	39.25 2.19 0.00	43.82 2.37 0.00	29.07 1.17 0.00	28.62 0.81 0.00	29.23 0.75 0.00	26.09 0.70 0.00	22.48 0.54 0.00	22.70 0.49 0.00	22.85 0.47 0.00	22.98 0.43 0.00	26.91 0.46 0.00	40.89 1.01 0.00	56.28 2.43 0.00	63.93 3.06 0.00	78.24 3.65 0.00	46.92 2.32 0.00	39.42 1.90 0.00	34.48 1.80 0.00
SITHE____STERLING 23777	29.42 0.54 0.00	23.86 0.43 0.00	18.84 0.37 0.00	25.12 0.48 0.00	24.16 0.48 0.00	25.68 0.58 0.00	38.07 1.01 0.00	42.66 1.21 0.00	28.54 0.64 0.00	28.11 0.30 0.00	28.70 0.21 0.00	25.52 0.14 0.00	22.09 0.15 0.00	22.36 0.16 0.00	22.55 0.17 0.00	22.73 0.18 0.00	26.75 0.30 0.00	40.65 0.78 0.00	55.37 1.53 0.00	62.58 1.72 0.00	76.64 2.05 0.00	45.76 1.16 0.00	38.45 0.93 0.00	33.39 0.71 0.00
SLEIGHT__34_KV_TB1 80719	29.03 0.16 0.00	23.51 0.08 0.00	18.56 0.09 0.00	24.77 0.13 0.00	23.80 0.12 0.00	25.26 0.16 0.00	37.01 -0.04 0.00	41.30 -0.14 0.00	27.84 -0.07 0.00	27.79 -0.02 0.00	28.56 0.07 0.00	25.39 0.01 0.00	21.99 0.11 0.06	22.19 -0.01 0.00	22.30 -0.08 0.00	22.34 -0.21 0.00	25.98 -0.47 0.00	39.18 -0.70 0.00	53.49 -0.36 0.00	60.03 -0.84 0.00	73.34 -1.25 0.00	43.75 -0.85 0.00	36.89 -0.63 0.00	32.48 -0.20 0.00
SMITHTWN_69_KV_BK 1 55830	26.59 0.75 3.04	23.85 0.49 0.06	18.16 0.29 0.61	-29.05 0.20 53.89	10.97 0.17 12.88	20.97 0.00 4.13	20.54 0.00 16.51	26.70 0.08 14.83	20.05 0.32 8.18	21.56 0.67 6.92	-84.84 1.08 114.40	-594.37 0.93 620.68	-13.24 0.88 36.06	23.43 1.22 0.00	25.95 1.32 -2.26	25.83 1.24 -2.04	29.86 1.35 -2.07	41.06 1.19 0.00	54.44 0.60 0.00	61.60 0.73 0.00	75.25 0.83 0.16	42.70 1.25 3.16	36.98 1.19 1.72	29.15 0.97 4.50
SOUTH CAIRO____GT 23612	29.44 0.56 0.00	23.94 0.51 0.00	18.89 0.41 0.00	25.20 0.56 0.00	24.23 0.55 0.00	25.70 0.60 0.00	38.10 1.04 0.00	42.81 1.37 0.00	28.67 0.77 0.00	28.14 0.32 0.00	28.67 0.18 0.00	25.54 0.16 0.00	22.11 0.10 -0.08	22.33 0.13 0.00	22.54 0.16 0.00	22.75 0.21 0.00	26.91 0.47 0.00	40.98 1.10 0.00	55.67 1.83 0.00	63.25 2.38 0.00	77.63 3.05 0.00	46.31 1.71 0.00	38.86 1.34 0.00	33.71 1.03 0.00
SOUTH HAMPTN____IC 23720	26.87 0.32 2.33	23.42 0.04 0.05	17.97 -0.05 0.47	-16.77 -0.21 41.20	13.59 -0.24 9.85	20.51 -0.41 4.18	19.78 -0.56 16.72	26.14 -0.30 15.01	20.01 0.39 8.28	21.46 0.66 7.01	-57.88 1.09 87.46	-448.18 0.96 474.52	-4.58 0.93 27.46	23.57 1.36 0.00	25.84 1.46 -2.01	25.65 1.33 -1.77	29.71 1.42 -1.84	41.23 1.35 0.00	54.35 0.50 0.00	61.46 0.59 0.00	75.08 0.67 0.18	42.10 1.12 3.62	36.61 1.07 1.97	28.70 1.01 4.99
SOUTHDOW_115KV_TB1 355954	29.75 0.87 0.00	24.04 0.61 0.00	18.92 0.44 0.00	25.33 0.69 0.00	24.39 0.72 0.00	25.89 0.79 0.00	37.45 0.39 0.00	41.88 0.43 0.00	28.62 0.71 0.00	28.98 1.17 0.00	29.96 1.47 0.00	26.57 1.19 0.00	23.15 1.29 0.08	23.27 1.07 0.00	23.36 0.98 0.00	23.30 0.76 0.00	26.72 0.27 0.00	39.58 -0.30 0.00	54.24 0.39 0.00	60.07 -0.80 0.00	73.26 -1.33 0.00	43.75 -0.85 0.00	36.90 -0.61 0.00	32.61 -0.07 0.00
SOUTHOLD_69_KV_BK 2 55809	26.67 0.12 2.33	23.13 -0.25 0.05	17.74 -0.27 0.47	-17.02 -0.48 41.19	13.33 -0.50 9.84	20.28 -0.64 4.18	19.47 -0.87 16.72	26.17 -0.27 15.01	20.49 0.86 8.28	21.92 1.12 7.01	-57.42 1.52 87.42	-447.62 1.33 474.33	-4.27 1.24 27.44	23.87 1.67 0.00	26.17 1.78 -2.01	25.91 1.59 -1.77	29.93 1.64 -1.84	41.65 1.78 0.00	55.01 1.16 0.00	62.14 1.27 0.00	75.94 1.53 0.18	42.57 1.57 3.61	37.02 1.48 1.97	29.06 1.37 4.98
SOUTHOLD____IC 23719	26.67 0.12 2.33	23.13 -0.25 0.05	17.75 -0.27 0.47	-17.03 -0.48 41.19	13.32 -0.51 9.84	20.28 -0.64 4.18	19.46 -0.88 16.72	26.16 -0.27 15.01	20.49 0.86 8.28	21.91 1.11 7.01	-57.42 1.51 87.42	-447.62 1.33 474.33	-4.27 1.24 27.44	23.87 1.66 0.00	26.17 1.78 -2.01	25.91 1.59 -1.77	29.93 1.64 -1.84	41.65 1.78 0.00	55.00 1.15 0.00	62.14 1.27 0.00	75.91 1.50 0.18	42.56 1.57 3.61	37.02 1.47 1.97	29.07 1.38 4.98
SOUTH_FORK_WT_PWR 323839	26.26 -0.30 2.33	22.72 -0.66 0.05	17.43 -0.58 0.47	-17.44 -0.88 41.19	12.92 -0.91 9.85	19.89 -1.02 4.18	18.86 -1.48 16.72	25.74 -0.69 15.01	20.53 0.91 8.28	21.97 1.16 7.01	-57.38 1.57 87.44	-447.68 1.37 474.43	-4.23 1.28 27.45	23.92 1.72 0.00	26.22 1.83 -2.01	25.88 1.57 -1.77	29.83 1.54 -1.84	41.55 1.67 0.00	54.86 1.02 0.00	61.95 1.08 0.00	75.70 1.29 0.18	42.42 1.44 3.61	36.96 1.41 1.97	29.04 1.34 4.99
SPIERFLS_115KV_TB 1 80737	29.43 0.55 0.00	23.89 0.47 0.00	18.85 0.37 0.00	25.15 0.51 0.00	24.24 0.56 0.00	25.70 0.60 0.00	38.19 1.13 0.00	42.80 1.36 0.00	28.68 0.77 0.00	28.26 0.45 0.00	28.81 0.32 0.00	25.67 0.29 0.00	22.22 0.17 -0.10	22.41 0.20 0.00	22.60 0.22 0.00	22.91 0.36 0.00	27.15 0.70 0.00	41.25 1.38 0.00	55.62 1.78 0.00	62.98 2.12 0.00	77.28 2.69 0.00	46.07 1.47 0.00	38.69 1.17 0.00	33.55 0.87 0.00
ST LAWRENCE____ 23600	29.25 0.37 0.00	23.69 0.26 0.00	18.65 0.18 0.00	24.91 0.27 0.00	23.96 0.28 0.00	25.44 0.34 0.00	37.55 0.49 0.00	41.92 0.48 0.00	28.17 0.27 0.00	28.10 0.29 0.00	28.79 0.30 0.00	25.65 0.27 0.00	22.15 0.21 0.00	22.38 0.17 0.00	22.56 0.18 0.00	22.71 0.16 0.00	26.61 0.16 0.00	40.15 0.27 0.00	54.42 0.58 0.00	61.54 0.67 0.00	75.35 0.76 0.00	45.09 0.48 0.00	37.89 0.37 0.00	33.14 0.46 0.00

STATE_CA_115KV_115_LB 55624	28.87 -0.01 0.00	23.48 0.06 0.00	18.53 0.05 0.00	24.68 0.04 0.00	23.74 0.07 0.00	25.11 0.00 0.00	37.11 0.05 0.00	41.59 0.14 0.00	28.03 0.12 0.00	27.93 0.12 0.00	28.59 0.11 0.00	25.51 0.13 0.00	22.13 0.08 -0.11	22.34 0.13 0.00	22.54 0.16 0.00	22.73 0.19 0.00	26.77 0.32 0.00	40.30 0.43 0.00	54.04 0.19 0.00	61.19 0.32 0.00	75.11 0.52 0.00	44.87 0.27 0.00	37.78 0.26 0.00	32.79 0.11 0.00
STATE_ST_34_KV_LOAD 55959	29.07 0.19 0.00	23.55 0.12 0.00	18.61 0.13 0.00	24.81 0.17 0.00	23.76 0.09 0.00	25.18 0.08 0.00	37.13 0.07 0.00	41.54 0.09 0.00	27.95 0.04 0.00	27.77 -0.04 0.00	28.41 -0.07 0.00	25.26 -0.12 0.00	21.85 -0.03 0.06	22.11 -0.09 0.00	22.27 -0.11 0.00	22.42 -0.13 0.00	26.21 -0.24 0.00	39.79 -0.08 0.00	54.16 0.31 0.00	61.09 0.22 0.00	74.81 0.22 0.00	44.47 -0.13 0.00	37.51 -0.01 0.00	32.73 0.05 0.00
STATION_5_MISC_HYD 23604	29.39 0.51 0.00	23.79 0.36 0.00	18.78 0.31 0.00	25.08 0.43 0.00	24.13 0.45 0.00	25.62 0.52 0.00	37.30 0.24 0.00	41.53 0.08 0.00	28.05 0.14 0.00	28.15 0.34 0.00	29.06 0.57 0.00	25.87 0.48 0.00	22.41 0.53 0.06	22.54 0.34 0.00	22.65 0.27 0.00	22.66 0.12 0.00	26.22 -0.23 0.00	39.22 -0.66 0.00	53.55 -0.29 0.00	59.95 -0.91 0.00	73.14 -1.45 0.00	43.76 -0.84 0.00	36.93 -0.59 0.00	32.70 0.02 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.23 0.36 0.00	23.66 0.23 0.00	18.68 0.20 0.00	24.93 0.29 0.00	23.97 0.29 0.00	25.45 0.35 0.00	37.24 0.19 0.00	41.55 0.10 0.00	28.04 0.13 0.00	28.01 0.20 0.00	28.83 0.34 0.00	25.63 0.24 0.00	22.20 0.33 0.06	22.38 0.18 0.00	22.48 0.10 0.00	22.53 -0.02 0.00	26.21 -0.25 0.00	39.39 -0.48 0.00	53.77 -0.08 0.00	60.32 -0.55 0.00	73.68 -0.91 0.00	43.99 -0.61 0.00	37.11 -0.41 0.00	32.67 -0.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.19 0.32 0.00	23.63 0.21 0.00	18.66 0.18 0.00	24.92 0.27 0.00	23.96 0.29 0.00	25.44 0.34 0.00	37.07 0.02 0.00	41.28 -0.17 0.00	27.88 -0.02 0.00	27.99 0.17 0.00	28.88 0.39 0.00	25.70 0.32 0.00	22.27 0.38 0.06	22.40 0.20 0.00	22.50 0.12 0.00	22.53 -0.02 0.00	26.07 -0.37 0.00	39.05 -0.83 0.00	53.29 -0.55 0.00	59.66 -1.21 0.00	72.84 -1.74 0.00	43.55 -1.05 0.00	36.74 -0.78 0.00	32.51 -0.17 0.00
STA_56___34_KV_BUS2 355983	29.19 0.32 0.00	23.63 0.21 0.00	18.66 0.18 0.00	24.92 0.27 0.00	23.96 0.29 0.00	25.44 0.34 0.00	37.07 0.02 0.00	41.28 -0.17 0.00	27.88 -0.02 0.00	27.99 0.17 0.00	28.88 0.39 0.00	25.70 0.32 0.00	22.27 0.38 0.06	22.40 0.20 0.00	22.50 0.12 0.00	22.53 -0.02 0.00	26.07 -0.37 0.00	39.05 -0.83 0.00	53.29 -0.55 0.00	59.66 -1.21 0.00	72.84 -1.74 0.00	43.55 -1.05 0.00	36.74 -0.78 0.00	32.51 -0.17 0.00
STA_67___115KV_BK2 355882	29.34 0.47 0.00	23.76 0.33 0.00	18.76 0.28 0.00	25.05 0.41 0.00	24.09 0.42 0.00	25.57 0.47 0.00	37.24 0.18 0.00	41.45 0.00 0.00	28.00 0.09 0.00	28.11 0.29 0.00	29.01 0.52 0.00	25.83 0.44 0.00	22.38 0.50 0.06	22.51 0.30 0.00	22.61 0.23 0.00	22.64 0.09 0.00	26.18 -0.27 0.00	39.14 -0.73 0.00	53.44 -0.41 0.00	59.83 -1.04 0.00	73.05 -1.53 0.00	43.67 -0.93 0.00	36.86 -0.66 0.00	32.65 -0.03 0.00
STA_7___115KV_9TRANS 80674	29.47 0.59 0.00	23.84 0.41 0.00	18.82 0.34 0.00	25.13 0.49 0.00	24.17 0.49 0.00	25.65 0.55 0.00	37.38 0.32 0.00	41.64 0.20 0.00	28.13 0.22 0.00	28.23 0.42 0.00	29.14 0.65 0.00	25.94 0.56 0.00	22.48 0.60 0.06	22.61 0.40 0.00	22.70 0.32 0.00	22.73 0.18 0.00	26.29 -0.16 0.00	39.36 -0.51 0.00	53.77 -0.08 0.00	60.18 -0.69 0.00	73.50 -1.09 0.00	43.92 -0.67 0.00	37.06 -0.46 0.00	32.80 0.12 0.00
STA_82___115KV_TB1 80780	29.35 0.48 0.00	23.76 0.34 0.00	18.76 0.29 0.00	25.06 0.42 0.00	24.10 0.43 0.00	25.59 0.49 0.00	37.26 0.20 0.00	41.48 0.03 0.00	28.00 0.10 0.00	28.11 0.30 0.00	29.02 0.53 0.00	25.83 0.44 0.00	22.38 0.50 0.06	22.51 0.31 0.00	22.61 0.23 0.00	22.64 0.09 0.00	26.18 -0.27 0.00	39.15 -0.72 0.00	53.48 -0.37 0.00	59.85 -1.02 0.00	73.07 -1.52 0.00	43.69 -0.91 0.00	36.87 -0.64 0.00	32.67 -0.01 0.00
STEEL___WIND 323596	29.49 0.61 0.00	23.87 0.44 0.00	18.85 0.37 0.00	25.22 0.58 0.00	24.26 0.58 0.00	25.69 0.59 0.00	36.93 -0.13 0.00	40.94 -0.51 0.00	27.79 -0.11 0.00	28.19 0.38 0.00	29.21 0.73 0.00	25.94 0.55 0.00	22.58 0.71 0.08	22.64 0.43 0.00	22.74 0.36 0.00	22.73 0.18 0.00	25.97 -0.48 0.00	38.38 -1.50 0.00	52.43 -1.42 0.00	58.25 -2.62 0.00	71.00 -3.59 0.00	42.59 -2.01 0.00	36.16 -1.36 0.00	32.39 -0.29 0.00
STEPHTWN_115KV_BK_2 55603	29.05 0.17 0.00	23.55 0.13 0.00	18.58 0.10 0.00	24.78 0.14 0.00	23.84 0.16 0.00	25.24 0.14 0.00	37.31 0.26 0.00	41.84 0.40 0.00	28.13 0.22 0.00	28.03 0.21 0.00	28.61 0.13 0.00	25.58 0.19 0.00	22.18 0.12 -0.11	22.38 0.17 0.00	22.58 0.20 0.00	22.80 0.26 0.00	26.93 0.48 0.00	40.61 0.73 0.00	54.38 0.54 0.00	61.59 0.72 0.00	75.64 1.05 0.00	45.15 0.55 0.00	37.99 0.48 0.00	32.95 0.27 0.00
STEUBEN_REC_LFGE 323667	28.96 0.08 0.00	23.46 0.03 0.00	18.44 -0.04 0.00	24.72 0.08 0.00	23.84 0.17 0.00	25.28 0.18 0.00	36.80 -0.25 0.00	41.10 -0.34 0.00	27.75 -0.15 0.00	27.43 -0.38 0.00	28.10 -0.38 0.00	25.03 -0.36 0.00	21.88 0.03 0.09	22.03 -0.18 0.00	22.14 -0.24 0.00	22.20 -0.34 0.00	25.83 -0.62 0.00	38.85 -1.02 0.00	53.41 -0.44 0.00	59.19 -1.68 0.00	72.06 -2.53 0.00	42.83 -1.77 0.00	36.11 -1.41 0.00	31.75 -0.93 0.00
STILLWATER___SOLAR 323814	29.49 0.61 0.00	23.95 0.53 0.00	18.90 0.42 0.00	25.20 0.56 0.00	24.25 0.58 0.00	25.71 0.61 0.00	38.14 1.07 0.00	42.70 1.25 0.00	28.64 0.73 0.00	28.33 0.52 0.00	28.91 0.42 0.00	25.75 0.36 0.00	22.32 0.27 -0.11	22.52 0.31 0.00	22.72 0.34 0.00	22.95 0.40 0.00	27.17 0.72 0.00	41.21 1.34 0.00	55.51 1.66 0.00	62.85 1.98 0.00	77.14 2.55 0.00	46.02 1.42 0.00	38.67 1.15 0.00	33.56 0.88 0.00
STONY___BROOK 24151	26.97 0.70 2.61	23.81 0.44 0.06	18.21 0.26 0.52	-21.49 0.17 46.30	12.74 0.13 11.06	20.90 -0.05 4.15	20.40 -0.08 16.58	26.56 0.00 14.89	19.96 0.26 8.21	21.50 0.64 6.95	-68.73 1.06 98.27	-506.88 0.92 533.18	-8.09 0.88 30.91	23.42 1.22 0.00	25.87 1.31 -2.18	25.74 1.23 -1.95	29.78 1.33 -2.00	41.05 1.18 0.00	54.37 0.53 0.00	61.51 0.64 0.00	75.14 0.72 0.17	42.49 1.19 3.30	36.84 1.12 1.80	28.97 0.94 4.65
STURGEON_POOL_HYD 23609	29.71 0.84 0.00	24.09 0.66 0.00	18.97 0.49 0.00	25.24 0.59 0.00	24.23 0.55 0.00	25.62 0.52 0.00	37.86 0.80 0.00	42.37 0.92 0.00	28.74 0.84 0.00	28.89 1.08 0.00	29.64 1.16 0.00	26.40 1.01 0.00	22.83 0.89 0.00	23.18 0.97 0.00	23.38 1.00 0.00	23.60 1.05 0.00	27.62 1.17 0.00	41.36 1.48 0.00	55.37 1.53 0.00	62.59 1.73 0.00	76.72 2.14 0.00	45.92 1.32 0.00	38.66 1.15 0.00	33.41 0.73 0.00

ST_LAW_115_BK7_LBMP 345037	29.29 0.42 0.00	23.72 0.30 0.00	18.68 0.20 0.00	24.94 0.30 0.00	23.99 0.31 0.00	25.48 0.38 0.00	37.61 0.55 0.00	42.00 0.55 0.00	28.20 0.29 0.00	28.12 0.31 0.00	28.80 0.32 0.00	25.68 0.30 0.00	22.16 0.23 0.00	22.40 0.19 0.00	22.57 0.19 0.00	22.73 0.18 0.00	26.62 0.17 0.00	40.18 0.30 0.00	54.48 0.63 0.00	61.61 0.74 0.00	75.44 0.85 0.00	45.15 0.54 0.00	37.94 0.43 0.00	33.18 0.50 0.00
ST_LAW_115_BK8_LBMP 345038	29.29 0.42 0.00	23.72 0.30 0.00	18.68 0.20 0.00	24.94 0.30 0.00	23.99 0.31 0.00	25.48 0.38 0.00	37.61 0.55 0.00	42.00 0.55 0.00	28.20 0.29 0.00	28.12 0.31 0.00	28.80 0.32 0.00	25.68 0.30 0.00	22.16 0.23 0.00	22.40 0.19 0.00	22.57 0.19 0.00	22.73 0.18 0.00	26.62 0.17 0.00	40.18 0.30 0.00	54.48 0.63 0.00	61.61 0.74 0.00	75.44 0.85 0.00	45.15 0.54 0.00	37.94 0.43 0.00	33.18 0.50 0.00
ST_LAW_230_BK5_LBMP 345035	29.25 0.37 0.00	23.69 0.26 0.00	18.65 0.18 0.00	24.91 0.27 0.00	23.96 0.28 0.00	25.44 0.34 0.00	37.55 0.49 0.00	41.92 0.48 0.00	28.17 0.27 0.00	28.10 0.29 0.00	28.79 0.30 0.00	25.65 0.27 0.00	22.15 0.21 0.00	22.38 0.17 0.00	22.56 0.18 0.00	22.71 0.16 0.00	26.61 0.16 0.00	40.15 0.27 0.00	54.42 0.58 0.00	61.54 0.67 0.00	75.35 0.76 0.00	45.09 0.48 0.00	37.89 0.37 0.00	33.14 0.46 0.00
ST_LAW_230_BK6_LBMP 345036	29.25 0.37 0.00	23.69 0.26 0.00	18.65 0.18 0.00	24.91 0.27 0.00	23.96 0.28 0.00	25.44 0.34 0.00	37.55 0.49 0.00	41.92 0.48 0.00	28.17 0.27 0.00	28.10 0.29 0.00	28.79 0.30 0.00	25.65 0.27 0.00	22.15 0.21 0.00	22.38 0.17 0.00	22.56 0.18 0.00	22.71 0.16 0.00	26.61 0.16 0.00	40.15 0.27 0.00	54.42 0.58 0.00	61.54 0.67 0.00	75.35 0.76 0.00	45.09 0.48 0.00	37.89 0.37 0.00	33.14 0.46 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.61 0.73 0.00	23.99 0.56 0.00	18.88 0.40 0.00	25.10 0.45 0.00	24.09 0.41 0.00	25.50 0.40 0.00	37.65 0.59 0.00	42.10 0.66 0.00	28.57 0.66 0.00	28.67 0.86 0.00	29.41 0.93 0.00	26.22 0.83 0.00	21.50 0.72 1.16	23.02 0.81 0.00	23.21 0.83 0.00	23.43 0.88 0.00	27.44 0.99 0.00	41.08 1.21 0.00	55.13 1.28 0.00	62.24 1.38 0.00	76.26 1.67 0.00	45.64 1.04 0.00	38.43 0.91 0.00	33.17 0.49 0.00
SWANROAD_115KV_TB1 355699	29.11 0.24 0.00	23.60 0.17 0.00	18.64 0.16 0.00	24.96 0.32 0.00	24.02 0.34 0.00	25.36 0.26 0.00	36.21 -0.85 0.00	39.94 -1.51 0.00	27.16 -0.74 0.00	27.65 -0.16 0.00	28.71 0.23 0.00	25.59 0.20 0.00	22.28 0.41 0.07	22.32 0.11 0.00	22.41 0.03 0.00	22.35 -0.20 0.00	25.29 -1.16 0.00	37.19 -2.69 0.00	50.83 -3.01 0.00	56.54 -4.33 0.00	68.90 -5.68 0.00	41.46 -3.14 0.00	35.40 -2.12 0.00	31.93 -0.74 0.00
SYNERGY___BIOGAS 323694	30.08 1.20 0.00	24.35 0.92 0.00	19.23 0.75 0.00	25.69 1.05 0.00	24.73 1.05 0.00	26.25 1.14 0.00	37.97 0.91 0.00	42.18 0.73 0.00	28.49 0.59 0.00	28.52 0.71 0.00	29.39 0.91 0.00	26.25 0.87 0.00	22.74 0.86 0.07	22.80 0.60 0.00	22.84 0.46 0.00	22.74 0.20 0.00	25.94 -0.50 0.00	38.34 -1.54 0.00	53.59 -0.25 0.00	59.93 -0.93 0.00	73.09 -1.49 0.00	43.76 -0.84 0.00	37.09 -0.43 0.00	33.16 0.48 0.00
SYRACUSE___ENERGY_ST1 323597	28.66 -0.22 0.00	23.23 -0.19 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.49 -0.19 0.00	24.92 -0.18 0.00	36.80 -0.26 0.00	41.20 -0.25 0.00	27.72 -0.19 0.00	27.55 -0.27 0.00	28.18 -0.31 0.00	25.09 -0.30 0.00	21.72 -0.22 0.00	21.97 -0.24 0.00	22.12 -0.26 0.00	22.29 -0.26 0.00	26.16 -0.28 0.00	39.53 -0.34 0.00	53.56 -0.28 0.00	60.46 -0.41 0.00	74.04 -0.55 0.00	44.18 -0.42 0.00	37.17 -0.35 0.00	32.36 -0.32 0.00
SYRACUSE___ENERGY_ST2 323598	28.66 -0.22 0.00	23.23 -0.19 0.00	18.35 -0.13 0.00	24.45 -0.19 0.00	23.49 -0.19 0.00	24.92 -0.18 0.00	36.80 -0.26 0.00	41.20 -0.25 0.00	27.72 -0.19 0.00	27.55 -0.27 0.00	28.18 -0.31 0.00	25.09 -0.30 0.00	21.72 -0.22 0.00	21.97 -0.24 0.00	22.12 -0.26 0.00	22.29 -0.26 0.00	26.16 -0.28 0.00	39.53 -0.34 0.00	53.56 -0.28 0.00	60.46 -0.41 0.00	74.04 -0.55 0.00	44.18 -0.42 0.00	37.17 -0.35 0.00	32.36 -0.32 0.00
SYRACUSE___POWER 24017	28.71 -0.17 0.00	23.27 -0.15 0.00	18.38 -0.09 0.00	24.48 -0.16 0.00	23.53 -0.15 0.00	24.96 -0.14 0.00	36.90 -0.16 0.00	41.32 -0.13 0.00	27.79 -0.11 0.00	27.58 -0.23 0.00	28.21 -0.28 0.00	25.12 -0.27 0.00	21.75 -0.19 0.00	21.99 -0.21 0.00	22.15 -0.23 0.00	22.32 -0.23 0.00	26.19 -0.26 0.00	39.52 -0.35 0.00	53.52 -0.32 0.00	60.44 -0.43 0.00	74.02 -0.56 0.00	44.19 -0.41 0.00	37.16 -0.36 0.00	32.35 -0.33 0.00
TALLMAN_138KV_BK151 55660	29.73 0.85 0.00	24.07 0.64 0.00	18.94 0.46 0.00	25.17 0.53 0.00	24.16 0.48 0.00	25.58 0.48 0.00	37.76 0.70 0.00	42.23 0.79 0.00	28.69 0.78 0.00	28.85 1.03 0.00	29.61 1.13 0.00	26.40 1.02 0.00	21.51 0.88 1.31	23.20 0.99 0.00	23.39 1.01 0.00	23.61 1.06 0.00	27.62 1.17 0.00	41.30 1.42 0.00	55.35 1.51 0.00	62.43 1.56 0.00	76.47 1.88 0.00	45.80 1.19 0.00	38.58 1.05 0.00	33.27 0.59 0.00
TEALLAVE_115KV_TB7 355573	28.53 -0.34 0.00	23.13 -0.29 0.00	18.27 -0.20 0.00	24.34 -0.31 0.00	23.38 -0.30 0.00	24.81 -0.29 0.00	36.63 -0.43 0.00	41.01 -0.43 0.00	27.61 -0.30 0.00	27.43 -0.38 0.00	28.09 -0.40 0.00	25.01 -0.37 0.00	21.66 -0.28 0.00	21.90 -0.31 0.00	22.06 -0.32 0.00	22.22 -0.33 0.00	26.07 -0.38 0.00	39.31 -0.56 0.00	53.20 -0.65 0.00	60.04 -0.83 0.00	73.56 -1.03 0.00	43.92 -0.68 0.00	36.94 -0.57 0.00	32.17 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	29.49 0.61 0.00	23.89 0.46 0.00	18.86 0.38 0.00	25.24 0.60 0.00	24.27 0.60 0.00	25.68 0.58 0.00	36.87 -0.19 0.00	40.80 -0.65 0.00	27.70 -0.21 0.00	28.06 0.25 0.00	29.07 0.58 0.00	25.87 0.49 0.00	22.48 0.62 0.07	22.56 0.35 0.00	22.65 0.27 0.00	22.59 0.05 0.00	25.71 -0.74 0.00	38.01 -1.87 0.00	52.24 -1.60 0.00	58.22 -2.65 0.00	70.99 -3.60 0.00	42.61 -1.99 0.00	36.23 -1.29 0.00	32.54 -0.14 0.00
TEMPLE___115KV_TB 2 55572	28.55 -0.33 0.00	23.14 -0.29 0.00	18.28 -0.20 0.00	24.35 -0.29 0.00	23.39 -0.28 0.00	24.82 -0.29 0.00	36.64 -0.42 0.00	41.02 -0.42 0.00	27.62 -0.28 0.00	27.45 -0.36 0.00	28.10 -0.39 0.00	25.03 -0.36 0.00	21.67 -0.27 0.00	21.91 -0.30 0.00	22.07 -0.31 0.00	22.23 -0.32 0.00	26.09 -0.36 0.00	39.34 -0.54 0.00	53.22 -0.63 0.00	60.08 -0.79 0.00	73.58 -1.01 0.00	43.93 -0.67 0.00	36.95 -0.57 0.00	32.18 -0.50 0.00
TIANA___69_KV_BK 1 55817	26.94 0.39 2.33	23.50 0.12 0.05	18.03 0.02 0.47	-16.68 -0.13 41.19	13.68 -0.16 9.84	20.58 -0.34 4.18	19.89 -0.45 16.72	26.18 -0.25 15.01	19.94 0.31 8.28	21.39 0.59 7.01	-57.94 1.00 87.43	-448.09 0.89 474.36	-4.64 0.86 27.45	23.50 1.30 0.00	25.78 1.39 -2.01	25.60 1.28 -1.77	29.67 1.38 -1.84	41.15 1.28 0.00	54.25 0.41 0.00	61.35 0.49 0.00	74.98 0.57 0.18	42.05 1.06 3.61	36.56 1.01 1.97	28.63 0.94 4.99

TILDEN___115KV_TB1 80814	28.71 -0.17 0.00	23.27 -0.15 0.00	18.38 -0.09 0.00	24.48 -0.16 0.00	23.53 -0.15 0.00	24.96 -0.14 0.00	36.90 -0.16 0.00	41.32 -0.13 0.00	27.79 -0.11 0.00	27.58 -0.23 0.00	28.21 -0.28 0.00	25.12 -0.27 0.00	21.75 -0.19 0.00	21.99 -0.21 0.00	22.15 -0.23 0.00	22.32 -0.23 0.00	26.19 -0.26 0.00	39.52 -0.35 0.00	53.52 -0.32 0.00	60.44 -0.43 0.00	74.02 -0.56 0.00	44.19 -0.41 0.00	37.16 -0.36 0.00	32.35 -0.33 0.00
TRIGEN___CC 323695	29.85 0.97 0.00	24.11 0.69 0.00	18.95 0.47 0.00	25.13 0.48 0.00	24.14 0.46 0.00	24.78 0.32 0.64	34.91 0.43 2.58	39.61 0.48 2.32	27.25 0.62 1.28	27.67 0.94 1.08	29.74 1.26 0.00	26.49 1.11 0.00	23.46 1.02 -0.50	23.46 1.24 -0.02	40.98 1.28 -17.31	42.05 1.23 -18.27	43.67 1.35 -15.87	41.14 1.27 0.00	54.84 1.00 0.00	62.01 1.14 0.00	76.67 1.31 -0.78	70.03 1.41 -24.02	51.67 1.21 -12.93	57.69 0.91 -24.10
TRINITY___115KV___4 BK 55933	28.74 -0.14 0.00	23.39 -0.04 0.00	18.45 -0.03 0.00	24.59 -0.06 0.00	23.64 -0.04 0.00	25.00 -0.10 0.00	36.94 -0.12 0.00	41.38 -0.06 0.00	27.91 0.00 0.00	27.82 0.00 0.00	28.48 0.00 0.00	25.42 0.04 0.00	22.05 0.00 -0.11	22.26 0.06 0.00	22.46 0.08 0.00	22.63 0.09 0.00	26.64 0.20 0.00	40.10 0.22 0.00	53.75 -0.10 0.00	60.88 0.02 0.00	74.74 0.16 0.00	44.67 0.07 0.00	37.61 0.10 0.00	32.66 -0.02 0.00
UNION___PROCESSING_DRP 323587	29.36 0.48 0.00	23.77 0.34 0.00	18.77 0.29 0.00	25.07 0.43 0.00	24.11 0.43 0.00	25.59 0.49 0.00	37.27 0.21 0.00	41.49 0.04 0.00	28.02 0.11 0.00	28.12 0.31 0.00	29.02 0.53 0.00	25.83 0.45 0.00	22.39 0.51 0.06	22.52 0.31 0.00	22.62 0.24 0.00	22.64 0.09 0.00	26.18 -0.27 0.00	39.16 -0.72 0.00	53.49 -0.36 0.00	59.87 -1.00 0.00	73.10 -1.49 0.00	43.71 -0.89 0.00	36.89 -0.63 0.00	32.68 -0.01 0.00
UPPER HUDSON___HYD 24058	29.43 0.55 0.00	23.89 0.47 0.00	18.85 0.37 0.00	25.14 0.51 0.00	24.24 0.56 0.00	25.70 0.60 0.00	38.19 1.13 0.00	42.80 1.36 0.00	28.67 0.77 0.00	28.26 0.44 0.00	28.81 0.32 0.00	25.67 0.28 0.00	22.22 0.17 -0.10	22.41 0.20 0.00	22.60 0.22 0.00	22.90 0.36 0.00	27.15 0.70 0.00	41.25 1.38 0.00	55.62 1.77 0.00	62.99 2.11 0.00	77.28 2.69 0.00	46.07 1.47 0.00	38.69 1.17 0.00	33.55 0.87 0.00
UPPER RAQUET___HYD 24056	29.93 1.05 0.00	24.24 0.81 0.00	19.09 0.61 0.00	25.49 0.85 0.00	24.57 0.89 0.00	26.17 1.07 0.00	38.80 1.74 0.00	43.36 1.92 0.00	28.90 0.99 0.00	28.49 0.68 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.36 0.42 0.00	22.58 0.37 0.00	22.71 0.33 0.00	22.81 0.26 0.00	26.66 0.22 0.00	40.59 0.72 0.00	55.33 1.49 0.00	62.84 1.97 0.00	77.08 2.49 0.00	46.41 1.81 0.00	39.10 1.58 0.00	34.19 1.51 0.00
VALLEY44_115KV_TB2 355964	29.43 0.55 0.00	23.78 0.35 0.00	18.79 0.31 0.00	25.14 0.50 0.00	24.06 0.38 0.00	25.41 0.30 0.00	36.72 -0.34 0.00	40.98 -0.47 0.00	27.98 0.07 0.00	28.35 0.54 0.00	29.30 0.82 0.00	26.00 0.62 0.00	22.59 0.73 0.08	22.70 0.49 0.00	22.81 0.43 0.00	22.70 0.15 0.00	26.00 -0.45 0.00	38.55 -1.33 0.00	52.78 -1.07 0.00	58.63 -2.24 0.00	71.65 -2.94 0.00	42.89 -1.71 0.00	36.36 -1.16 0.00	32.24 -0.44 0.00
VALLEY___115KV_TB 1-4 80826	29.67 0.79 0.00	24.08 0.65 0.00	19.00 0.52 0.00	25.31 0.67 0.00	24.35 0.67 0.00	25.82 0.72 0.00	38.28 1.22 0.00	42.87 1.42 0.00	28.54 0.64 0.00	28.16 0.34 0.00	28.73 0.25 0.00	25.56 0.17 0.00	22.10 0.16 0.00	22.40 0.19 0.00	22.57 0.18 0.00	22.75 0.20 0.00	26.92 0.47 0.00	41.06 1.18 0.00	55.82 1.97 0.00	63.06 2.20 0.00	77.35 2.77 0.00	46.36 1.76 0.00	38.99 1.47 0.00	33.78 1.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.76 0.88 0.00	24.11 0.69 0.00	19.04 0.56 0.00	25.36 0.71 0.00	24.28 0.60 0.00	25.71 0.61 0.00	38.21 1.15 0.00	44.63 3.18 0.00	29.79 1.88 0.00	29.09 1.28 0.00	29.48 1.00 0.00	26.28 0.90 0.00	22.66 0.99 0.27	23.15 0.95 0.00	23.27 0.89 0.00	23.28 0.73 0.00	27.73 1.28 0.00	41.41 1.54 0.00	55.81 1.96 0.00	63.01 2.14 0.00	77.28 2.70 0.00	46.15 1.55 0.00	38.82 1.30 0.00	33.67 0.99 0.00
VISCHER___FERRY HYD 24020	29.10 0.22 0.00	23.65 0.22 0.00	18.66 0.19 0.00	24.89 0.25 0.00	23.94 0.26 0.00	25.33 0.23 0.00	37.53 0.47 0.00	42.02 0.57 0.00	28.28 0.37 0.00	28.12 0.31 0.00	28.74 0.26 0.00	25.63 0.25 0.00	22.22 0.17 -0.12	22.43 0.22 0.00	22.63 0.25 0.00	22.82 0.27 0.00	26.93 0.48 0.00	40.67 0.80 0.00	54.61 0.76 0.00	61.89 1.02 0.00	75.98 1.39 0.00	45.38 0.78 0.00	38.15 0.63 0.00	33.13 0.45 0.00
V_A_10_SYNC_DSASP 323832	29.29 0.42 0.00	23.73 0.31 0.00	18.75 0.27 0.00	25.08 0.44 0.00	24.12 0.44 0.00	25.54 0.43 0.00	36.71 -0.35 0.00	40.66 -0.79 0.00	27.59 -0.32 0.00	28.02 0.21 0.00	29.04 0.55 0.00	25.81 0.43 0.00	22.44 0.57 0.07	22.51 0.30 0.00	22.62 0.24 0.00	22.58 0.04 0.00	25.80 -0.65 0.00	38.10 -1.77 0.00	51.99 -1.86 0.00	57.84 -3.03 0.00	70.58 -4.00 0.00	42.35 -2.25 0.00	35.94 -1.57 0.00	32.23 -0.45 0.00
V_CMM_10_SYNC_DSASP 323787	29.46 0.58 0.00	23.86 0.43 0.00	18.79 0.31 0.00	25.08 0.44 0.00	24.13 0.45 0.00	25.63 0.53 0.00	37.82 0.77 0.00	42.23 0.78 0.00	28.35 0.45 0.00	28.27 0.46 0.00	28.96 0.48 0.00	25.82 0.44 0.00	22.29 0.35 0.00	22.51 0.30 0.00	22.69 0.31 0.00	22.84 0.30 0.00	26.76 0.31 0.00	40.39 0.52 0.00	54.77 0.93 0.00	61.93 1.06 0.00	75.76 1.17 0.00	45.37 0.77 0.00	38.14 0.62 0.00	33.36 0.68 0.00
V_CMP_10_SYNC_DSASP 323788	29.83 0.95 0.00	24.14 0.72 0.00	18.93 0.45 0.00	25.24 0.60 0.00	24.30 0.62 0.00	25.73 0.63 0.00	38.19 1.13 0.00	42.55 1.11 0.00	28.74 0.83 0.00	28.50 0.69 0.00	29.20 0.71 0.00	26.10 0.72 0.00	22.43 0.50 0.00	22.65 0.44 0.00	22.80 0.42 0.00	23.03 0.48 0.00	27.11 0.66 0.00	40.65 0.77 0.00	55.03 1.19 0.00	62.62 1.75 0.00	76.94 2.35 0.00	46.31 1.71 0.00	39.04 1.53 0.00	34.13 1.45 0.00
V_D_10_SYNC_DSASP 323841	29.64 0.76 0.00	24.01 0.58 0.00	18.90 0.42 0.00	25.24 0.60 0.00	24.29 0.61 0.00	25.80 0.70 0.00	38.10 1.04 0.00	42.53 1.08 0.00	28.51 0.60 0.00	28.40 0.59 0.00	29.08 0.59 0.00	25.93 0.54 0.00	22.38 0.44 0.00	22.60 0.39 0.00	22.78 0.40 0.00	22.93 0.38 0.00	26.85 0.40 0.00	40.58 0.70 0.00	55.08 1.24 0.00	62.31 1.44 0.00	76.27 1.68 0.00	45.66 1.06 0.00	38.39 0.87 0.00	33.59 0.91 0.00
V_E_10_SYNC_DSASP 323830	31.04 2.16 0.00	24.85 1.42 0.00	19.75 1.27 0.00	26.09 1.45 0.00	24.93 1.25 0.00	26.45 1.36 0.00	39.67 2.61 0.00	45.37 3.93 0.00	29.93 2.03 0.00	28.85 1.04 0.00	28.88 0.40 0.00	25.77 0.39 0.00	22.30 0.63 0.27	22.88 0.67 0.00	23.01 0.63 0.00	23.16 0.61 0.00	27.82 1.37 0.00	42.93 3.05 0.00	59.60 5.75 0.00	67.09 6.22 0.00	82.03 7.44 0.00	48.73 4.13 0.00	40.90 3.38 0.00	35.48 2.80 0.00



V_F_30_NSYNC___DSASP 323816	29.54 0.66 0.00	23.99 0.56 0.00	18.92 0.44 0.00	25.24 0.60 0.00	24.29 0.61 0.00	25.74 0.64 0.00	38.20 1.14 0.00	42.77 1.32 0.00	28.68 0.78 0.00	28.40 0.58 0.00	28.98 0.49 0.00	25.82 0.44 0.00	22.38 0.33 -0.11	22.58 0.38 0.00	22.78 0.40 0.00	23.01 0.46 0.00	27.23 0.78 0.00	41.28 1.40 0.00	55.60 1.76 0.00	62.93 2.06 0.00	77.22 2.63 0.00	46.08 1.47 0.00	38.71 1.20 0.00	33.61 0.93 0.00
V_F_30_SYNC_DSASP 323786	28.86 -0.01 0.00	23.48 0.06 0.00	18.53 0.05 0.00	24.68 0.04 0.00	23.74 0.06 0.00	25.10 0.00 0.00	37.10 0.05 0.00	41.58 0.13 0.00	28.03 0.12 0.00	27.93 0.12 0.00	28.59 0.11 0.00	25.51 0.12 0.00	22.13 0.08 -0.11	22.34 0.13 0.00	22.54 0.16 0.00	22.73 0.18 0.00	26.77 0.32 0.00	40.30 0.43 0.00	54.04 0.19 0.00	61.19 0.32 0.00	75.10 0.52 0.00	44.87 0.26 0.00	37.77 0.25 0.00	32.79 0.11 0.00
V_XM_10_SYNC_DSASP 323789	29.83 0.95 0.00	24.14 0.72 0.00	18.93 0.45 0.00	25.24 0.60 0.00	24.30 0.62 0.00	25.73 0.63 0.00	38.19 1.13 0.00	42.55 1.11 0.00	28.74 0.83 0.00	28.50 0.69 0.00	29.20 0.71 0.00	26.10 0.72 0.00	22.43 0.50 0.00	22.65 0.44 0.00	22.80 0.42 0.00	23.03 0.48 0.00	27.11 0.66 0.00	40.65 0.77 0.00	55.03 1.19 0.00	62.62 1.75 0.00	76.94 2.35 0.00	46.31 1.71 0.00	39.04 1.53 0.00	34.13 1.45 0.00
W.BABYLN_69_KV_BK1 56697	29.91 1.22 0.19	24.26 0.84 0.00	19.02 0.58 0.04	21.85 0.62 3.41	23.40 0.54 0.81	21.95 0.32 3.47	23.65 0.45 13.85	29.59 0.59 12.44	21.72 0.67 6.86	22.98 0.98 5.80	22.70 1.45 7.24	-12.65 1.26 39.29	21.26 1.14 1.82	23.58 1.37 0.00	29.52 1.44 -5.70	29.73 1.41 -5.77	33.24 1.56 -5.23	41.45 1.58 0.00	55.14 1.30 0.00	62.38 1.51 0.00	76.44 1.79 -0.06	49.79 1.77 -3.42	40.93 1.58 -1.83	36.36 1.19 -2.49
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.87 0.99 0.00	24.18 0.75 0.00	19.03 0.55 0.00	25.28 0.64 0.00	24.28 0.61 0.00	25.81 0.71 0.00	38.13 1.07 0.00	42.67 1.22 0.00	28.96 1.06 0.00	29.11 1.30 0.00	29.89 1.40 0.00	26.64 1.26 0.00	21.69 1.09 1.34	23.40 1.19 0.00	23.61 1.22 0.00	23.83 1.29 0.00	27.78 1.33 0.00	41.70 1.82 0.00	55.99 2.14 0.00	62.79 1.93 0.00	76.90 2.32 0.00	46.05 1.45 0.00	38.78 1.26 0.00	33.46 0.77 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.96 1.09 0.00	24.26 0.83 0.00	19.09 0.61 0.00	25.35 0.70 0.00	24.34 0.66 0.00	25.75 0.65 0.00	38.02 0.96 0.00	42.48 1.04 0.00	28.86 0.95 0.00	29.12 1.31 0.00	29.95 1.46 0.00	26.70 1.32 0.00	23.61 1.18 -0.49	23.50 1.29 0.00	23.69 1.31 0.00	23.91 1.36 0.00	27.95 1.49 0.00	41.64 1.76 0.00	55.54 1.70 0.00	62.71 1.84 0.00	76.81 2.22 0.00	46.03 1.43 0.00	38.86 1.34 0.00	33.57 0.89 0.00
W50THST__13_KV_LOAD 356117	30.12 1.24 0.00	24.38 0.96 0.00	19.18 0.70 0.00	25.47 0.83 0.00	24.46 0.79 0.00	25.89 0.79 0.00	38.24 1.18 0.00	42.71 1.27 0.00	29.03 1.12 0.00	29.32 1.51 0.00	30.17 1.68 0.00	26.91 1.53 0.00	23.79 1.36 -0.49	23.68 1.48 0.00	23.88 1.50 0.00	24.09 1.54 0.00	28.16 1.71 0.00	41.93 2.05 0.00	55.86 2.02 0.00	63.01 2.15 0.00	77.17 2.58 0.00	46.24 1.64 0.00	39.05 1.53 0.00	33.74 1.06 0.00
WADING RIVER_IC_1 23522	26.82 0.27 2.33	23.45 0.07 0.05	17.98 -0.03 0.47	-16.87 -0.20 41.32	13.57 -0.23 9.87	20.49 -0.43 4.19	19.73 -0.61 16.73	25.90 -0.53 15.02	19.63 0.01 8.29	21.09 0.29 7.01	-58.49 0.72 87.70	-449.81 0.64 475.83	-4.92 0.67 27.53	23.33 1.12 0.00	25.59 1.21 -2.00	25.41 1.11 -1.76	29.47 1.19 -1.83	40.82 0.94 0.00	53.70 -0.15 0.00	60.75 -0.12 0.00	74.23 -0.17 0.18	41.61 0.65 3.64	36.19 0.66 1.98	28.34 0.67 5.01
WADING RIVER_IC_2 23547	26.82 0.27 2.33	23.45 0.07 0.05	17.98 -0.03 0.47	-16.87 -0.20 41.32	13.57 -0.23 9.87	20.49 -0.43 4.19	19.73 -0.61 16.73	25.90 -0.53 15.02	19.63 0.01 8.29	21.09 0.29 7.01	-58.49 0.72 87.70	-449.81 0.64 475.83	-4.92 0.67 27.53	23.33 1.12 0.00	25.59 1.21 -2.00	25.41 1.11 -1.76	29.47 1.19 -1.83	40.82 0.94 0.00	53.70 -0.15 0.00	60.75 -0.12 0.00	74.23 -0.17 0.18	41.61 0.65 3.64	36.19 0.66 1.98	28.34 0.67 5.01
WADING RIVER_IC_3 23601	26.82 0.27 2.33	23.45 0.07 0.05	17.98 -0.03 0.47	-16.87 -0.20 41.32	13.57 -0.23 9.87	20.49 -0.43 4.19	19.73 -0.61 16.73	25.90 -0.53 15.02	19.63 0.01 8.29	21.09 0.29 7.01	-58.49 0.72 87.70	-449.81 0.64 475.83	-4.92 0.67 27.53	23.33 1.12 0.00	25.59 1.21 -2.00	25.41 1.11 -1.76	29.47 1.19 -1.83	40.82 0.94 0.00	53.70 -0.15 0.00	60.75 -0.12 0.00	74.23 -0.17 0.18	41.61 0.65 3.64	36.19 0.66 1.98	28.34 0.67 5.01
WALDENNY_12_KV_BK2 80841	29.54 0.66 0.00	23.91 0.48 0.00	18.88 0.40 0.00	25.27 0.63 0.00	24.30 0.63 0.00	25.73 0.63 0.00	36.97 -0.09 0.00	40.97 -0.48 0.00	27.84 -0.07 0.00	28.25 0.43 0.00	29.27 0.79 0.00	26.02 0.63 0.00	22.64 0.78 0.08	22.71 0.50 0.00	22.81 0.44 0.00	22.79 0.24 0.00	26.00 -0.45 0.00	38.40 -1.48 0.00	52.49 -1.36 0.00	58.33 -2.54 0.00	71.12 -3.47 0.00	42.64 -1.96 0.00	36.21 -1.31 0.00	32.46 -0.22 0.00
WALDEN__HYDRO 24148	29.78 0.91 0.00	24.12 0.70 0.00	18.98 0.51 0.00	25.23 0.59 0.00	24.22 0.54 0.00	25.64 0.54 0.00	37.88 0.82 0.00	42.37 0.93 0.00	28.74 0.83 0.00	28.83 1.02 0.00	29.55 1.06 0.00	26.31 0.93 0.00	22.19 0.80 0.55	23.10 0.90 0.00	23.28 0.89 0.00	23.51 0.96 0.00	27.56 1.12 0.00	41.30 1.42 0.00	55.42 1.58 0.00	62.61 1.75 0.00	76.72 2.13 0.00	45.90 1.30 0.00	38.64 1.12 0.00	33.35 0.67 0.00
WARRENSBURG____ 23737	29.43 0.55 0.00	23.89 0.47 0.00	18.85 0.37 0.00	25.15 0.51 0.00	24.24 0.56 0.00	25.70 0.60 0.00	38.19 1.13 0.00	42.80 1.36 0.00	28.68 0.77 0.00	28.26 0.45 0.00	28.81 0.32 0.00	25.67 0.29 0.00	22.22 0.17 -0.10	22.41 0.20 0.00	22.60 0.22 0.00	22.91 0.36 0.00	27.15 0.70 0.00	41.25 1.38 0.00	55.62 1.78 0.00	62.98 2.12 0.00	77.28 2.69 0.00	46.07 1.47 0.00	38.69 1.17 0.00	33.55 0.87 0.00
WATERSIDE____6 8 9 23538	29.98 1.11 0.00	24.29 0.87 0.00	19.11 0.63 0.00	25.38 0.74 0.00	24.37 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.46 1.01 0.00	28.90 0.99 0.00	29.16 1.35 0.00	29.99 1.51 0.00	26.73 1.35 0.00	23.64 1.21 -0.49	23.54 1.33 0.00	23.73 1.35 0.00	23.94 1.39 0.00	27.97 1.52 0.00	41.62 1.74 0.00	55.45 1.61 0.00	62.68 1.81 0.00	76.75 2.16 0.00	46.05 1.44 0.00	38.90 1.38 0.00	33.60 0.92 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.39 0.52 0.00	23.86 0.43 0.00	18.82 0.35 0.00	25.08 0.44 0.00	24.12 0.44 0.00	25.56 0.46 0.00	37.86 0.80 0.00	42.38 0.93 0.00	28.31 0.41 0.00	28.01 0.20 0.00	28.62 0.13 0.00	25.47 0.08 0.00	22.02 0.08 0.00	22.32 0.11 0.00	22.49 0.11 0.00	22.67 0.12 0.00	26.76 0.31 0.00	40.67 0.80 0.00	55.17 1.33 0.00	62.39 1.52 0.00	76.51 1.92 0.00	45.80 1.20 0.00	38.52 0.99 0.00	33.41 0.73 0.00

WDELAWARE___HYD 323627	29.10 0.23 0.00	23.56 0.13 0.00	18.54 0.06 0.00	24.66 0.02 0.00	23.68 0.00 0.00	25.07 -0.03 0.00	37.08 0.02 0.00	41.52 0.07 0.00	28.12 0.21 0.00	28.11 0.30 0.00	28.74 0.25 0.00	25.58 0.20 0.00	21.64 0.18 0.48	22.47 0.27 0.00	22.66 0.28 0.00	22.90 0.35 0.00	26.90 0.45 0.00	40.47 0.59 0.00	54.46 0.61 0.00	61.56 0.69 0.00	75.43 0.84 0.00	45.10 0.49 0.00	37.92 0.40 0.00	32.73 0.05 0.00
WEST BABYLON___IC 23714	29.91 1.22 0.19	24.26 0.84 0.00	19.02 0.58 0.04	21.85 0.62 3.41	23.40 0.54 0.81	21.95 0.32 3.47	23.65 0.45 13.85	29.59 0.59 12.44	21.72 0.67 6.86	22.98 0.98 5.80	22.70 1.45 7.24	-12.65 1.26 39.29	21.26 1.14 1.82	23.58 1.37 0.00	29.52 1.44 -5.70	29.73 1.41 -5.77	33.24 1.56 -5.23	41.45 1.58 0.00	55.14 1.30 0.00	62.38 1.51 0.00	76.44 1.79 -0.06	49.79 1.77 -3.42	40.93 1.58 -1.83	36.36 1.19 -2.49
WEST CANADA___HYD 24049	28.84 -0.04 0.00	23.41 -0.01 0.00	18.48 0.00 0.00	24.63 -0.01 0.00	23.66 -0.02 0.00	25.07 -0.03 0.00	37.04 -0.02 0.00	41.45 0.00 0.00	27.90 0.00 0.00	27.78 -0.03 0.00	28.45 -0.04 0.00	25.34 -0.04 0.00	21.91 -0.03 0.00	22.19 -0.02 0.00	22.38 0.00 0.00	22.55 0.00 0.00	26.48 0.03 0.00	39.95 0.08 0.00	53.90 0.05 0.00	60.93 0.06 0.00	74.69 0.10 0.00	44.65 0.05 0.00	37.56 0.05 0.00	32.68 -0.01 0.00
WESTERN_NY_WIND 24143	30.06 1.19 0.00	24.33 0.90 0.00	19.21 0.73 0.00	25.68 1.04 0.00	24.72 1.04 0.00	26.23 1.13 0.00	37.92 0.87 0.00	42.12 0.67 0.00	28.46 0.55 0.00	28.50 0.69 0.00	29.37 0.88 0.00	26.24 0.85 0.00	22.71 0.84 0.07	22.78 0.58 0.00	22.82 0.44 0.00	22.73 0.18 0.00	25.93 -0.53 0.00	38.34 -1.54 0.00	53.51 -0.34 0.00	59.81 -1.06 0.00	72.95 -1.64 0.00	43.68 -0.92 0.00	37.03 -0.49 0.00	33.12 0.44 0.00
WESTOVER___LESR 323668	28.99 0.11 0.00	23.46 0.03 0.00	18.51 0.07 0.00	24.71 0.02 0.00	23.70 0.00 0.00	25.10 0.00 0.00	36.91 -0.14 0.00	41.42 -0.03 0.00	27.97 0.07 0.00	27.88 0.07 0.00	28.63 0.15 0.00	25.48 0.09 0.00	21.96 0.16 0.14	22.30 0.09 0.00	22.44 0.05 0.00	22.57 0.02 0.00	26.43 -0.01 0.00	39.68 -0.19 0.00	53.79 -0.06 0.00	60.53 -0.34 0.00	74.16 -0.43 0.00	44.27 -0.33 0.00	37.29 -0.23 0.00	32.50 -0.19 0.00
WETHRSFD_WT_PWR 323626	29.13 0.25 0.00	23.61 0.18 0.00	18.63 0.15 0.00	24.91 0.27 0.00	23.95 0.27 0.00	25.33 0.23 0.00	36.60 -0.46 0.00	40.69 -0.76 0.00	27.54 -0.36 0.00	27.58 -0.23 0.00	28.47 -0.02 0.00	25.32 -0.06 0.00	22.07 0.21 0.09	22.18 -0.03 0.00	22.29 -0.10 0.00	22.29 -0.25 0.00	25.66 -0.79 0.00	38.30 -1.58 0.00	52.55 -1.30 0.00	58.36 -2.51 0.00	71.04 -3.55 0.00	42.48 -2.12 0.00	35.96 -1.55 0.00	31.96 -0.73 0.00
WHAVSTOR_138KV_BK127 55557	29.70 0.82 0.00	24.05 0.63 0.00	18.93 0.45 0.00	25.16 0.52 0.00	24.15 0.47 0.00	25.55 0.45 0.00	37.72 0.66 0.00	42.18 0.73 0.00	28.64 0.73 0.00	28.81 1.00 0.00	29.58 1.09 0.00	26.37 0.98 0.00	21.43 0.86 1.36	23.17 0.96 0.00	23.36 0.98 0.00	23.57 1.03 0.00	27.60 1.15 0.00	41.25 1.37 0.00	55.24 1.40 0.00	62.36 1.49 0.00	76.39 1.81 0.00	45.75 1.15 0.00	38.55 1.03 0.00	33.26 0.58 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.70 0.82 0.00	24.05 0.63 0.00	18.93 0.45 0.00	25.16 0.52 0.00	24.15 0.47 0.00	25.55 0.45 0.00	37.72 0.66 0.00	42.18 0.73 0.00	28.64 0.73 0.00	28.81 1.00 0.00	29.58 1.09 0.00	26.37 0.98 0.00	21.43 0.86 1.36	23.17 0.96 0.00	23.36 0.98 0.00	23.57 1.03 0.00	27.60 1.15 0.00	41.25 1.37 0.00	55.24 1.40 0.00	62.36 1.49 0.00	76.39 1.81 0.00	45.75 1.15 0.00	38.55 1.03 0.00	33.26 0.58 0.00
WHITEHAL_115KV_TB1 80871	30.14 1.27 0.00	24.44 1.01 0.00	19.26 0.78 0.00	25.71 1.07 0.00	24.91 1.23 0.00	26.36 1.26 0.00	39.65 2.59 0.00	44.37 2.93 0.00	29.69 1.78 0.00	28.86 1.05 0.00	29.49 1.01 0.00	26.36 0.98 0.00	22.75 0.70 -0.10	22.95 0.74 0.00	23.12 0.74 0.00	23.61 1.06 0.00	28.01 1.56 0.00	42.66 2.78 0.00	57.31 3.47 0.00	65.04 4.17 0.00	79.96 5.37 0.00	47.53 2.93 0.00	39.87 2.35 0.00	34.62 1.94 0.00
WHITEPLN_13_KV_LOAD 356215	30.03 1.16 0.00	24.32 0.89 0.00	19.13 0.65 0.00	25.42 0.78 0.00	24.41 0.73 0.00	25.83 0.73 0.00	38.17 1.11 0.00	42.71 1.26 0.00	29.01 1.10 0.00	29.19 1.37 0.00	29.98 1.50 0.00	26.73 1.35 0.00	23.63 1.18 -0.51	23.49 1.28 0.00	23.69 1.31 0.00	23.91 1.36 0.00	28.00 1.55 0.00	41.82 1.95 0.00	55.95 2.10 0.00	63.15 2.28 0.00	77.36 2.77 0.00	46.32 1.72 0.00	39.02 1.50 0.00	33.68 1.00 0.00
WM_FLOYD_69_KV_BK2 356380	27.10 0.52 2.30	23.66 0.27 0.05	18.15 0.13 0.46	-16.09 0.01 40.74	13.93 -0.01 9.74	20.73 -0.21 4.17	20.13 -0.26 16.66	26.35 -0.14 14.97	19.88 0.23 8.25	21.33 0.50 6.98	-57.09 0.91 86.49	-443.05 0.81 469.25	-4.42 0.79 27.14	23.38 1.17 0.00	25.72 1.26 -2.08	25.57 1.18 -1.85	29.64 1.28 -1.91	40.99 1.12 0.00	54.14 0.29 0.00	61.26 0.39 0.00	74.85 0.43 0.17	42.13 1.01 3.48	36.58 0.96 1.90	28.71 0.87 4.85
WOODARD___115KV_TB2 355635	28.47 -0.41 0.00	23.09 -0.34 0.00	18.24 -0.24 0.00	24.29 -0.35 0.00	23.33 -0.34 0.00	24.76 -0.34 0.00	36.55 -0.50 0.00	40.93 -0.52 0.00	27.55 -0.36 0.00	27.38 -0.43 0.00	28.02 -0.47 0.00	24.96 -0.43 0.00	21.60 -0.34 0.00	21.84 -0.36 0.00	22.00 -0.38 0.00	22.17 -0.38 0.00	26.02 -0.43 0.00	39.27 -0.61 0.00	53.13 -0.72 0.00	60.00 -0.86 0.00	73.51 -1.08 0.00	43.89 -0.71 0.00	36.91 -0.61 0.00	32.14 -0.54 0.00
WOODMERE_69_KV_BK1 55827	30.13 1.26 0.00	24.33 0.90 0.00	19.12 0.64 0.00	25.35 0.70 0.00	24.34 0.67 0.00	25.65 0.54 0.00	37.79 0.73 0.00	42.28 0.83 0.00	28.77 0.86 0.00	29.02 1.21 0.00	30.01 1.52 0.00	26.73 1.34 0.00	23.69 1.22 -0.52	23.72 1.45 -0.05	57.10 1.51 -33.21	59.85 1.45 -35.85	58.52 1.63 -30.45	41.56 1.68 0.00	55.44 1.60 0.00	62.67 1.80 0.00	78.77 2.09 -2.10	107.09 1.93 -60.56	71.81 1.62 -32.67	97.80 1.27 -63.85
YORK___WARBASSE 23770	29.98 1.10 0.00	24.28 0.85 0.00	19.10 0.62 0.00	25.36 0.72 0.00	24.36 0.69 0.00	25.77 0.67 0.00	38.04 0.98 0.00	42.36 0.92 0.00	28.90 0.99 0.00	29.10 1.29 0.00	29.94 1.45 0.00	26.69 1.30 0.00	23.62 1.19 -0.49	23.53 1.32 0.00	23.71 1.33 0.00	23.92 1.37 0.00	27.95 1.50 0.00	41.59 1.72 0.00	55.42 1.58 0.00	62.73 1.86 0.00	76.84 2.25 0.00	46.06 1.46 0.00	38.89 1.37 0.00	33.52 0.84 0.00