

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/27/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	26.29	23.61	21.75	21.55	25.07	50.14	39.25	92.88	50.87	32.44	29.23	31.13	23.58	25.35	27.78	28.28	36.25	41.26	33.41	37.93	51.70	37.03	29.99	29.18
24138	0.94	0.64	0.60	0.69	0.73	1.78	1.85	5.11	2.84	2.03	1.71	1.66	1.32	1.39	1.54	1.60	1.93	2.01	2.03	2.22	2.53	1.43	1.12	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.08	-0.93	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-0.06
74TH STREET_GT_1	26.24	23.58	21.73	21.54	25.05	50.08	39.20	92.73	50.78	32.35	29.15	31.07	23.52	25.28	27.69	28.19	36.16	41.20	33.35	37.89	51.68	37.01	29.95	29.15
24260	0.89	0.61	0.59	0.68	0.72	1.72	1.80	4.96	2.74	1.94	1.63	1.59	1.26	1.32	1.45	1.51	1.85	1.95	1.97	2.17	2.51	1.41	1.07	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.08	-0.93	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-0.06
74TH STREET_GT_2	26.24	23.58	21.73	21.54	25.05	50.08	39.20	92.73	50.78	32.35	29.15	31.07	23.52	25.28	27.69	28.19	36.16	41.20	33.35	37.89	51.68	37.01	29.95	29.15
24261	0.89	0.61	0.59	0.68	0.72	1.72	1.80	4.96	2.74	1.94	1.63	1.59	1.26	1.32	1.45	1.51	1.85	1.95	1.97	2.17	2.51	1.41	1.07	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.08	-0.93	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	-0.06
ADK HUDSON___FALLS	26.18	23.67	21.80	21.60	25.23	50.15	39.18	93.32	50.81	32.14	29.00	30.84	23.16	24.28	27.14	25.44	35.84	41.32	33.12	37.86	51.58	36.97	29.83	28.99
24011	0.83	0.71	0.65	0.74	0.89	1.79	1.78	5.54	2.77	1.73	1.48	1.37	0.90	0.84	1.10	1.10	1.73	2.08	1.74	2.14	2.42	1.37	0.95	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.12	1.40	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.09
ADK RESOURCE___RCVRY	26.24	23.74	21.85	21.67	25.33	50.40	39.41	94.19	51.18	32.30	29.14	30.97	23.25	24.35	27.28	25.62	36.17	41.70	33.38	38.19	51.94	37.13	29.99	29.14
23798	0.90	0.77	0.71	0.81	0.99	2.04	2.01	6.42	3.15	1.89	1.61	1.50	0.99	0.92	1.23	1.26	2.06	2.46	2.00	2.48	2.78	1.53	1.12	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.11	1.38	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.09
ADK S GLENS___FALLS	26.18	23.67	21.80	21.60	25.23	50.15	39.18	93.32	50.81	32.14</														

ALBANY___2 23572	26.18 0.83 0.00	23.67 0.70 0.00	21.79 0.65 0.00	21.60 0.73 0.00	25.17 0.83 0.00	49.77 1.41 0.00	38.76 1.36 0.00	91.79 4.02 0.00	50.13 2.09 0.00	31.76 1.35 0.00	28.61 1.09 0.00	30.40 0.93 0.00	22.88 0.62 0.00	24.20 0.72 0.27	26.90 0.84 0.10	25.38 0.82 1.18	35.22 1.09 0.11	40.51 1.27 0.00	32.58 1.19 0.00	37.14 1.43 0.00	50.73 1.57 0.00	36.55 0.95 0.00	29.49 0.61 0.00	28.72 0.46 0.08
ALBANY___3 23573	26.18 0.83 0.00	23.67 0.70 0.00	21.79 0.65 0.00	21.60 0.73 0.00	25.17 0.83 0.00	49.77 1.41 0.00	38.76 1.36 0.00	91.79 4.02 0.00	50.13 2.09 0.00	31.76 1.35 0.00	28.61 1.09 0.00	30.40 0.93 0.00	22.88 0.62 0.00	24.20 0.72 0.27	26.90 0.84 0.10	25.38 0.82 1.18	35.22 1.09 0.11	40.51 1.27 0.00	32.58 1.19 0.00	37.14 1.43 0.00	50.73 1.57 0.00	36.55 0.95 0.00	29.49 0.61 0.00	28.72 0.46 0.08
ALBANY___4 23574	26.18 0.83 0.00	23.67 0.70 0.00	21.79 0.65 0.00	21.60 0.73 0.00	25.17 0.83 0.00	49.77 1.41 0.00	38.76 1.36 0.00	91.79 4.02 0.00	50.13 2.09 0.00	31.76 1.35 0.00	28.61 1.09 0.00	30.40 0.93 0.00	22.88 0.62 0.00	24.20 0.72 0.27	26.90 0.84 0.10	25.38 0.82 1.18	35.22 1.09 0.11	40.51 1.27 0.00	32.58 1.19 0.00	37.14 1.43 0.00	50.73 1.57 0.00	36.55 0.95 0.00	29.49 0.61 0.00	28.72 0.46 0.08
ALBANY___LFGE 323615	26.28 0.93 0.00	23.77 0.81 0.00	21.88 0.74 0.00	21.69 0.83 0.00	25.28 0.94 0.00	49.99 1.63 0.00	38.96 1.56 0.00	92.28 4.51 0.00	50.41 2.37 0.00	31.94 1.53 0.00	28.77 1.25 0.00	30.59 1.11 0.00	23.02 0.76 0.00	24.34 0.87 0.27	27.06 1.01 0.10	25.51 0.99 1.22	35.42 1.30 0.11	40.77 1.52 0.00	32.77 1.38 0.00	37.36 1.65 0.00	51.02 1.86 0.00	36.75 1.15 0.00	29.63 0.76 0.00	28.86 0.61 0.08
ALCOA_PA_115KV_PL-6C 55860	25.28 -0.07 0.00	23.10 0.13 0.00	21.28 0.13 0.00	20.86 -0.01 0.00	24.28 -0.06 0.00	48.33 -0.04 0.00	37.16 -0.24 0.00	86.56 -1.22 0.00	47.46 -0.57 0.00	29.96 -0.45 0.00	27.31 -0.21 0.00	29.55 0.07 0.00	22.37 0.11 0.00	23.90 0.15 0.00	26.29 0.13 0.00	25.87 0.13 0.00	34.54 0.31 0.00	39.51 0.27 0.00	31.30 -0.08 0.00	35.50 -0.21 0.00	49.16 -0.01 0.00	35.90 0.30 0.00	29.24 0.36 0.00	28.57 0.24 0.00
ALCOA_RYNLDS___DRP 24188	25.28 -0.07 0.00	23.10 0.13 0.00	21.28 0.13 0.00	20.86 -0.01 0.00	24.28 -0.06 0.00	48.33 -0.04 0.00	37.16 -0.24 0.00	86.56 -1.22 0.00	47.46 -0.57 0.00	29.96 -0.45 0.00	27.31 -0.21 0.00	29.55 0.07 0.00	22.37 0.11 0.00	23.90 0.15 0.00	26.29 0.13 0.00	25.87 0.13 0.00	34.54 0.31 0.00	39.51 0.27 0.00	31.30 -0.08 0.00	35.50 -0.21 0.00	49.16 -0.01 0.00	35.90 0.30 0.00	29.24 0.36 0.00	28.57 0.24 0.00
ALCOA___DSASP 323711	25.28 -0.07 0.00	23.10 0.13 0.00	21.28 0.13 0.00	20.86 0.00 0.00	24.28 -0.06 0.00	48.33 -0.04 0.00	37.16 -0.24 0.00	86.56 -1.21 0.00	47.46 -0.57 0.00	29.96 -0.45 0.00	27.31 -0.21 0.00	29.55 0.07 0.00	22.37 0.11 0.00	23.90 0.15 0.00	26.29 0.13 0.00	25.87 0.13 0.00	34.54 0.31 0.00	39.52 0.27 0.00	31.30 -0.08 0.00	35.50 -0.20 0.00	49.16 -0.01 0.00	35.90 0.30 0.00	29.24 0.36 0.00	28.57 0.24 0.00
ALLEGHENY___COGEN 23514	25.11 -0.27 -0.04	22.86 -0.13 -0.02	20.85 -0.30 -0.01	20.66 -0.27 -0.06	24.74 0.16 -0.24	49.07 0.65 -0.05	37.70 0.30 0.00	89.64 1.86 0.00	48.80 0.77 0.00	29.95 -0.46 0.00	26.71 -0.81 0.00	28.63 -0.85 0.00	21.63 -0.63 0.00	23.00 -0.75 0.00	25.41 -0.75 0.00	25.24 -0.59 -0.09	33.15 -1.19 -0.10	38.30 -0.97 -0.02	31.27 -0.19 -0.08	36.24 0.49 -0.04	50.45 1.28 -0.01	36.43 0.84 0.00	29.76 0.88 0.00	29.38 1.04 0.00
ALTAMONT_115KV_TB 2 55880	25.82 0.47 0.00	23.34 0.37 0.00	21.50 0.35 0.00	21.27 0.41 0.00	24.80 0.46 0.00	49.21 0.85 0.00	38.27 0.87 0.00	90.39 2.62 0.00	49.39 1.36 0.00	31.30 0.89 0.00	28.22 0.70 0.00	30.07 0.59 0.00	22.66 0.40 0.00	24.05 0.43 0.13	26.64 0.53 0.05	25.70 0.53 0.57	34.85 0.67 0.05	40.04 0.80 0.00	32.20 0.81 0.00	36.69 0.98 0.00	50.23 1.07 0.00	36.18 0.58 0.00	29.24 0.37 0.00	28.55 0.25 0.04
ALTONA_WT_PWR 323606	25.11 -0.24 0.00	23.16 0.19 0.00	21.38 0.23 0.00	20.60 -0.27 0.00	24.12 -0.22 0.00	48.54 0.18 0.00	37.21 -0.19 0.00	86.65 -1.13 0.00	47.18 -0.86 0.00	29.98 -0.43 0.00	27.58 0.06 0.00	29.93 0.45 0.00	22.63 0.37 0.00	24.13 0.38 0.00	26.56 0.40 0.00	26.24 0.50 0.00	35.23 1.00 0.00	40.29 1.05 0.00	31.92 0.54 0.00	36.12 0.41 0.00	49.57 0.40 0.00	36.54 0.94 0.00	29.77 0.90 0.00	29.05 0.71 0.00
AMERICAN_REF_FUEL 24010	23.76 -1.59 0.00	21.55 -1.42 0.00	19.60 -1.54 0.00	19.28 -1.58 0.00	22.89 -1.45 0.00	45.73 -2.63 0.00	34.35 -3.05 0.00	81.10 -6.68 0.00	44.34 -3.70 0.00	27.45 -2.96 0.00	24.67 -2.85 0.00	26.52 -2.95 0.00	20.08 -2.18 0.00	21.39 -2.36 0.00	23.44 -2.72 0.00	23.17 -2.57 0.00	30.34 -3.89 0.00	34.73 -4.51 0.00	27.72 -3.67 0.00	31.88 -3.83 0.00	44.91 -4.25 0.00	32.69 -2.91 0.00	27.02 -1.85 0.00	27.16 -1.18 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.97 -1.38 0.00	21.56 -1.40 0.00	19.86 -1.28 0.00	19.50 -1.37 0.00	23.50 -0.83 0.00	47.75 -0.61 0.00	36.08 -1.32 0.00	84.72 -3.05 0.00	46.58 -1.46 0.00	29.09 -1.32 0.00	26.19 -1.33 0.00	28.10 -1.37 0.00	21.33 -0.93 0.00	22.66 -1.08 0.00	24.66 -1.50 0.00	24.21 -1.53 0.00	31.82 -2.42 0.00	36.41 -2.83 0.00	29.01 -2.37 0.00	33.40 -2.31 0.00	47.20 -1.97 0.00	34.48 -1.12 0.00	28.32 -0.56 0.00	28.35 0.01 0.00
ARTHUR KILL_GT_1 23520	26.08 0.74 0.00	23.43 0.47 0.00	21.59 0.44 0.00	21.39 0.52 0.00	24.88 0.54 0.00	49.55 1.19 0.00	38.79 1.39 0.00	91.39 3.62 0.01	50.28 2.24 0.00	32.17 1.77 0.00	28.84 1.32 0.00	30.69 1.21 0.00	23.28 1.01 0.00	24.99 1.03 -0.21	27.40 1.17 -0.08	27.89 1.22 -0.93	35.60 1.43 0.05	39.50 1.45 1.19	33.20 1.81 0.00	37.49 1.78 0.00	51.24 2.08 0.00	36.78 1.18 0.00	30.03 1.15 0.00	29.06 0.67 -0.06
ARTHUR_KILL_2 23512	26.01 0.66 0.00	23.37 0.40 0.00	21.54 0.39 0.00	21.34 0.47 0.00	24.81 0.47 0.00	49.41 1.05 0.00	38.68 1.28 0.00	91.10 3.34 0.01	50.13 2.09 0.00	32.08 1.67 0.00	28.76 1.24 0.00	30.60 1.12 0.00	23.21 0.95 0.00	24.92 0.96 -0.21	27.33 1.09 -0.08	27.81 1.14 -0.93	35.49 1.32 0.05	39.37 1.32 1.19	33.09 1.71 0.00	37.36 1.65 0.00	51.08 1.91 0.00	36.66 1.06 0.00	29.93 1.06 0.00	28.98 0.59 -0.06
ARTHUR_KILL_3 23513	25.97 0.62 0.00	23.33 0.37 0.00	21.51 0.36 0.00	21.32 0.45 0.00	24.77 0.43 0.00	49.48 1.12 0.00	38.73 1.33 0.00	91.57 3.80 0.00	50.12 2.08 0.00	31.94 1.53 0.00	28.78 1.26 0.00	30.66 1.19 0.00	23.25 0.99 0.00	24.97 1.01 -0.21	27.36 1.12 -0.08	27.86 1.18 -0.93	35.69 1.38 -0.08	40.56 1.39 0.07	32.91 1.53 0.00	37.39 1.68 0.00	50.98 1.81 0.00	36.53 0.93 0.00	29.59 0.71 0.00	28.82 0.43 -0.06

ARTHUR_KILL_COGEN 323718	26.08 0.74 0.00	23.43 0.47 0.00	21.59 0.44 0.00	21.39 0.52 0.00	24.88 0.54 0.00	49.55 1.19 0.00	38.79 1.39 0.00	91.39 3.62 0.01	50.28 2.24 0.00	32.17 1.77 0.00	28.84 1.32 0.00	30.69 1.21 0.00	23.28 1.01 0.00	24.99 1.03 -0.21	27.40 1.17 -0.08	27.89 1.22 -0.93	35.60 1.43 0.05	39.50 1.45 1.19	33.20 1.81 0.00	37.49 1.78 0.00	51.24 2.08 0.00	36.78 1.18 0.00	30.03 1.15 0.00	29.06 0.67 -0.06
ASHOKAN____ 23654	26.56 1.22 0.00	24.00 1.03 0.00	22.10 0.95 0.00	21.88 1.01 0.00	25.53 1.20 0.00	50.73 2.37 0.00	39.61 2.21 0.00	93.97 6.20 0.00	51.41 3.37 0.00	32.54 2.13 0.00	29.40 1.87 0.00	31.24 1.77 0.00	23.40 1.13 0.00	25.05 1.30 0.00	27.64 1.48 0.00	27.37 1.63 0.00	36.15 1.92 0.00	41.65 2.41 0.00	33.50 2.12 0.00	38.26 2.55 0.00	52.24 3.08 0.00	37.52 1.92 0.00	30.19 1.31 0.00	29.43 1.09 0.00
ASTORIA_EAST_ENERGY_CC1 323581	26.05 0.70 0.00	23.40 0.44 0.00	21.60 0.46 0.00	21.42 0.55 0.00	24.85 0.51 0.00	49.71 1.34 0.00	38.91 1.51 0.00	91.92 4.15 0.00	50.39 2.36 0.00	32.10 1.69 0.00	28.91 1.39 0.00	30.80 1.32 0.00	23.35 1.09 0.00	25.08 1.12 -0.21	27.46 1.23 -0.08	27.95 1.28 -0.93	35.78 1.46 -0.08	40.78 1.54 0.00	33.08 1.70 0.00	37.53 1.82 0.00	51.28 2.11 0.00	36.71 1.11 0.00	29.73 0.86 0.00	28.93 0.54 -0.06
ASTORIA_EAST_ENERGY_CC2 323582	26.05 0.70 0.00	23.40 0.44 0.00	21.60 0.46 0.00	21.42 0.55 0.00	24.85 0.51 0.00	49.71 1.34 0.00	38.91 1.51 0.00	91.92 4.15 0.00	50.39 2.36 0.00	32.10 1.69 0.00	28.91 1.39 0.00	30.80 1.32 0.00	23.35 1.09 0.00	25.08 1.12 -0.21	27.46 1.23 -0.08	27.95 1.28 -0.93	35.78 1.46 -0.08	40.78 1.54 0.00	33.08 1.70 0.00	37.53 1.82 0.00	51.28 2.11 0.00	36.71 1.11 0.00	29.73 0.86 0.00	28.93 0.54 -0.06
ASTORIA_GT2_1 24094	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT2_2 24095	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT2_3 24096	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT2_4 24097	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT3_1 24098	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT3_2 24099	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT3_3 24100	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT3_4 24101	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT4_1 24102	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT4_2 24103	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT4_3 24104	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06

ASTORIA_GT4_4 24105	26.07 0.72 0.00	23.42 0.45 0.00	21.62 0.47 0.00	21.46 0.60 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.54 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.80 1.48 -0.08	40.81 1.57 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA_GT_1 23523	26.10 0.75 0.00	23.45 0.49 0.00	21.64 0.50 0.00	21.46 0.59 0.00	24.90 0.56 0.00	49.81 1.45 0.00	39.01 1.61 0.00	92.15 4.37 0.00	50.52 2.49 0.00	32.19 1.78 0.00	28.98 1.46 0.00	30.87 1.39 0.00	23.41 1.15 0.00	25.14 1.18 -0.21	27.53 1.29 -0.08	28.02 1.35 -0.93	35.85 1.54 -0.08	40.88 1.64 0.00	33.16 1.78 0.00	37.61 1.90 0.00	51.41 2.25 0.00	36.80 1.20 0.00	29.80 0.92 0.00	28.99 0.60 -0.06
ASTORIA_GT_10 24110	26.17 0.82 0.00	23.51 0.55 0.00	21.68 0.53 0.00	21.49 0.62 0.00	24.97 0.63 0.00	49.91 1.55 0.00	39.07 1.67 0.00	92.30 4.53 0.00	50.57 2.53 0.00	32.25 1.85 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.44 1.18 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.72 2.01 0.00	51.50 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.07 0.67 -0.06
ASTORIA_GT_11 24225	26.17 0.82 0.00	23.51 0.55 0.00	21.68 0.53 0.00	21.49 0.62 0.00	24.97 0.63 0.00	49.91 1.55 0.00	39.07 1.67 0.00	92.30 4.53 0.00	50.57 2.53 0.00	32.25 1.85 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.44 1.18 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.72 2.01 0.00	51.50 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.07 0.67 -0.06
ASTORIA_GT_12 24226	26.17 0.82 0.00	23.51 0.55 0.00	21.68 0.53 0.00	21.49 0.62 0.00	24.97 0.63 0.00	49.91 1.55 0.00	39.07 1.67 0.00	92.30 4.53 0.00	50.57 2.53 0.00	32.25 1.85 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.44 1.18 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.72 2.01 0.00	51.50 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.07 0.67 -0.06
ASTORIA_GT_13 24227	26.17 0.82 0.00	23.51 0.55 0.00	21.68 0.53 0.00	21.49 0.62 0.00	24.97 0.63 0.00	49.91 1.55 0.00	39.07 1.67 0.00	92.30 4.53 0.00	50.57 2.53 0.00	32.25 1.85 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.44 1.18 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.72 2.01 0.00	51.50 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.07 0.67 -0.06
ASTORIA_GT_5 24106	26.10 0.75 0.00	23.45 0.49 0.00	21.65 0.51 0.00	21.49 0.63 0.00	24.90 0.56 0.00	49.81 1.45 0.00	39.01 1.61 0.00	92.15 4.37 0.00	50.52 2.49 0.00	32.19 1.78 0.00	28.98 1.46 0.00	30.87 1.39 0.00	23.40 1.14 0.00	25.14 1.18 -0.21	27.53 1.29 -0.08	28.02 1.35 -0.93	35.86 1.54 -0.08	40.88 1.64 0.00	33.16 1.78 0.00	37.62 1.90 0.00	51.41 2.25 0.00	36.80 1.20 0.00	29.80 0.92 0.00	29.00 0.61 -0.06
ASTORIA_GT_7 24107	26.10 0.75 0.00	23.45 0.49 0.00	21.65 0.51 0.00	21.49 0.63 0.00	24.90 0.56 0.00	49.81 1.45 0.00	39.01 1.61 0.00	92.15 4.37 0.00	50.52 2.49 0.00	32.19 1.78 0.00	28.98 1.46 0.00	30.87 1.39 0.00	23.40 1.14 0.00	25.14 1.18 -0.21	27.53 1.29 -0.08	28.02 1.35 -0.93	35.86 1.54 -0.08	40.88 1.64 0.00	33.16 1.78 0.00	37.62 1.90 0.00	51.41 2.25 0.00	36.80 1.20 0.00	29.80 0.92 0.00	29.00 0.61 -0.06
ASTORIA_GT_8 24108	26.10 0.75 0.00	23.45 0.49 0.00	21.65 0.51 0.00	21.49 0.63 0.00	24.90 0.56 0.00	49.81 1.45 0.00	39.01 1.61 0.00	92.15 4.37 0.00	50.52 2.49 0.00	32.19 1.78 0.00	28.98 1.46 0.00	30.87 1.39 0.00	23.40 1.14 0.00	25.14 1.18 -0.21	27.53 1.29 -0.08	28.02 1.35 -0.93	35.86 1.54 -0.08	40.88 1.64 0.00	33.16 1.78 0.00	37.62 1.90 0.00	51.41 2.25 0.00	36.80 1.20 0.00	29.80 0.92 0.00	29.00 0.61 -0.06
ASTORIA___2 24149	26.06 0.71 0.00	23.42 0.45 0.00	21.61 0.46 0.00	21.43 0.56 0.00	24.86 0.53 0.00	49.74 1.38 0.00	38.93 1.53 0.00	91.97 4.20 0.00	50.42 2.38 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.37 1.11 0.00	25.09 1.14 -0.21	27.48 1.24 -0.08	27.97 1.30 -0.93	35.80 1.49 -0.08	40.80 1.56 0.00	33.10 1.72 0.00	37.54 1.83 0.00	51.31 2.15 0.00	36.74 1.14 0.00	29.75 0.87 0.00	28.95 0.56 -0.06
ASTORIA___3 23516	26.17 0.82 0.00	23.51 0.55 0.00	21.68 0.53 0.00	21.47 0.61 0.00	24.96 0.63 0.00	49.91 1.55 0.00	39.07 1.67 0.00	92.30 4.53 0.00	50.56 2.53 0.00	32.26 1.85 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.45 1.19 0.00	25.20 1.24 -0.21	27.60 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.72 2.01 0.00	51.49 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.06 0.67 -0.06
ASTORIA___4 23517	26.17 0.82 0.00	23.51 0.55 0.00	21.68 0.53 0.00	21.49 0.62 0.00	24.97 0.63 0.00	49.91 1.55 0.00	39.07 1.67 0.00	92.30 4.53 0.00	50.56 2.53 0.00	32.25 1.85 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.44 1.18 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.72 2.01 0.00	51.50 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.07 0.67 -0.06
ASTORIA___5 23518	26.17 0.82 0.00	23.51 0.55 0.00	21.68 0.53 0.00	21.47 0.61 0.00	24.96 0.63 0.00	49.91 1.55 0.00	39.07 1.67 0.00	92.30 4.53 0.00	50.56 2.53 0.00	32.26 1.85 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.45 1.19 0.00	25.20 1.24 -0.21	27.60 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.73 2.02 0.00	51.49 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.06 0.67 -0.06
AST_ENERGY_2_CC3 323677	26.02 0.68 0.00	23.39 0.43 0.00	21.57 0.42 0.00	21.38 0.51 0.00	24.85 0.52 0.00	49.67 1.31 0.00	38.87 1.47 0.00	91.90 4.13 0.00	50.31 2.27 0.00	32.06 1.66 0.00	28.89 1.37 0.00	30.78 1.31 0.00	23.32 1.06 0.00	25.07 1.11 -0.21	27.46 1.22 -0.08	27.95 1.28 -0.93	35.83 1.52 -0.08	40.81 1.57 0.00	33.06 1.68 0.00	37.54 1.83 0.00	51.19 2.03 0.00	36.68 1.08 0.00	29.70 0.82 0.00	28.90 0.51 -0.06
AST_ENERGY_2_CC4 323678	26.02 0.68 0.00	23.39 0.43 0.00	21.57 0.42 0.00	21.38 0.51 0.00	24.85 0.52 0.00	49.67 1.31 0.00	38.87 1.47 0.00	91.90 4.13 0.00	50.31 2.27 0.00	32.06 1.66 0.00	28.89 1.37 0.00	30.78 1.31 0.00	23.32 1.06 0.00	25.07 1.11 -0.21	27.46 1.22 -0.08	27.95 1.28 -0.93	35.83 1.52 -0.08	40.81 1.57 0.00	33.06 1.68 0.00	37.54 1.83 0.00	51.19 2.03 0.00	36.68 1.08 0.00	29.70 0.82 0.00	28.90 0.51 -0.06

BARRETT_IC_5 23708	40.10 0.92 -13.83	23.57 0.60 0.00	21.74 0.60 0.00	21.56 0.70 0.00	25.06 0.72 0.00	50.14 1.78 0.00	39.09 1.69 0.00	91.21 3.43 0.00	49.90 1.86 0.00	31.83 1.42 0.00	28.89 1.36 -0.01	32.62 1.52 -1.63	33.91 1.20 -10.45	35.30 1.29 -10.26	37.55 1.43 -9.96	79.54 1.42 -52.38	42.78 1.65 -6.90	40.78 1.54 0.00	41.33 1.96 -7.98	37.66 1.95 0.00	51.26 2.08 -0.02	36.50 0.90 0.00	29.60 0.71 -0.01	29.20 0.76 -0.11
BARRETT_IC_6 23709	40.10 0.92 -13.83	23.57 0.60 0.00	21.74 0.60 0.00	21.56 0.70 0.00	25.06 0.72 0.00	50.14 1.78 0.00	39.09 1.69 0.00	91.21 3.43 0.00	49.90 1.86 0.00	31.83 1.42 0.00	28.89 1.36 -0.01	32.62 1.52 -1.63	33.91 1.20 -10.45	35.30 1.29 -10.26	37.55 1.43 -9.96	79.54 1.42 -52.38	42.78 1.65 -6.90	40.78 1.54 0.00	41.33 1.96 -7.98	37.66 1.95 0.00	51.26 2.08 -0.02	36.50 0.90 0.00	29.60 0.71 -0.01	29.20 0.76 -0.11
BARRETT_IC_7 23710	40.11 0.94 -13.83	23.57 0.60 0.00	21.74 0.60 0.00	21.56 0.70 0.00	25.06 0.72 0.00	50.14 1.78 0.00	39.09 1.69 0.00	91.20 3.43 0.00	49.90 1.86 0.00	31.83 1.42 0.00	28.89 1.36 -0.01	32.62 1.51 -1.63	33.91 1.19 -10.45	35.28 1.27 -10.26	37.53 1.41 -9.96	79.53 1.41 -52.38	42.77 1.64 -6.90	40.78 1.54 0.00	41.33 1.96 -7.98	37.66 1.95 0.00	51.26 2.08 -0.02	36.50 0.90 0.00	29.60 0.71 -0.01	29.20 0.76 -0.11
BARRETT_IC_8 23711	40.10 0.92 -13.83	23.57 0.60 0.00	21.74 0.60 0.00	21.56 0.70 0.00	25.06 0.72 0.00	50.14 1.78 0.00	39.09 1.69 0.00	91.21 3.43 0.00	49.90 1.86 0.00	31.83 1.42 0.00	28.89 1.36 -0.01	32.62 1.52 -1.63	33.91 1.20 -10.45	35.30 1.29 -10.26	37.55 1.43 -9.96	79.54 1.42 -52.38	42.78 1.65 -6.90	40.78 1.54 0.00	41.33 1.96 -7.98	37.66 1.95 0.00	51.26 2.08 -0.02	36.50 0.90 0.00	29.60 0.71 -0.01	29.20 0.76 -0.11
BARRETT_IC_9 23700	40.10 0.92 -13.83	23.57 0.60 0.00	21.74 0.60 0.00	21.56 0.70 0.00	25.06 0.72 0.00	50.14 1.78 0.00	39.09 1.69 0.00	91.21 3.43 0.00	49.90 1.86 0.00	31.83 1.42 0.00	28.89 1.36 -0.01	32.62 1.52 -1.63	33.91 1.20 -10.45	35.30 1.29 -10.26	37.55 1.43 -9.96	79.54 1.42 -52.38	42.78 1.65 -6.90	40.78 1.54 0.00	36.75 1.96 -3.41	37.66 1.95 0.00	51.25 2.08 -0.01	36.50 0.90 0.00	29.60 0.71 -0.01	29.20 0.76 -0.11
BARRETT___1 23545	40.10 0.92 -13.83	23.57 0.60 0.00	21.74 0.60 0.00	21.56 0.70 0.00	25.06 0.72 0.00	50.14 1.78 0.00	39.09 1.69 0.00	91.21 3.43 0.00	49.90 1.86 0.00	31.83 1.42 0.00	28.89 1.36 -0.01	32.62 1.52 -1.63	33.91 1.20 -10.45	35.30 1.29 -10.26	37.55 1.43 -9.96	79.54 1.42 -52.38	42.78 1.65 -6.90	40.78 1.54 0.00	41.33 1.96 -7.98	37.66 1.95 0.00	51.26 2.08 -0.02	36.50 0.90 0.00	29.60 0.71 -0.01	29.20 0.76 -0.11
BARRETT___2 23546	40.10 0.92 -13.83	23.57 0.60 0.00	21.74 0.60 0.00	21.56 0.70 0.00	25.06 0.72 0.00	50.14 1.78 0.00	39.09 1.69 0.00	91.21 3.43 0.00	49.90 1.86 0.00	31.83 1.42 0.00	28.89 1.36 -0.01	32.62 1.52 -1.63	33.91 1.20 -10.45	35.30 1.29 -10.26	37.55 1.43 -9.96	79.54 1.42 -52.38	42.78 1.65 -6.90	40.78 1.54 0.00	36.75 1.96 -3.41	37.66 1.95 0.00	51.25 2.08 -0.01	36.50 0.90 0.00	29.60 0.71 -0.01	29.20 0.76 -0.11
BATAVIA___115KV_TB1 55881	24.68 -0.67 0.00	22.39 -0.58 0.00	20.41 -0.74 0.00	20.08 -0.79 0.00	23.83 -0.51 0.00	47.71 -0.66 0.00	36.15 -1.25 0.00	85.55 -2.22 0.00	46.80 -1.24 0.00	28.95 -1.46 0.00	25.89 -1.63 0.00	27.75 -1.72 0.00	21.04 -1.22 0.00	22.32 -1.43 0.00	24.49 -1.67 0.00	24.24 -1.50 0.00	31.91 -2.32 0.00	36.59 -2.65 0.00	29.29 -2.10 0.00	33.77 -1.94 0.00	47.44 -1.73 0.00	34.39 -1.21 0.00	28.29 -0.59 0.00	28.29 -0.04 0.00
BAYONEEC___CTG1 323682	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06
BAYONEEC___CTG10 323750	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06
BAYONEEC___CTG2 323683	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06
BAYONEEC___CTG3 323684	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06
BAYONEEC___CTG4 323685	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06
BAYONEEC___CTG5 323686	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06
BAYONEEC___CTG6 323687	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06

BAYONEEC___CTG7 323688	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06
BAYONEEC___CTG8 323689	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06
BAYONEEC___CTG9 323749	26.07 0.72 0.00	23.42 0.45 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.72 1.36 0.00	38.91 1.51 0.00	92.00 4.23 0.00	50.36 2.32 0.00	32.10 1.69 0.00	28.92 1.40 0.00	30.81 1.34 0.00	23.35 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.86 1.55 -0.08	40.77 1.60 0.07	33.08 1.70 0.00	37.58 1.86 0.00	51.23 2.06 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.94 0.55 -0.06
BEACON___LESR 323632	26.31 0.96 0.00	23.79 0.82 0.00	21.81 0.67 0.00	21.67 0.80 0.00	25.35 1.01 0.00	50.16 1.80 0.00	39.11 1.71 0.00	92.59 4.82 0.00	50.55 2.51 0.00	32.00 1.59 0.00	28.82 1.30 0.00	30.66 1.19 0.00	23.06 0.80 0.00	24.39 0.90 0.26	27.14 1.07 0.10	25.66 1.07 1.16	35.59 1.46 0.10	40.94 1.70 0.00	32.92 1.53 0.00	37.50 1.79 0.00	51.28 2.12 0.00	36.91 1.32 0.00	29.70 0.82 0.00	28.92 0.67 0.07
BEAVER RIVER___HYD 24048	24.09 -1.26 0.00	21.96 -1.01 0.00	20.20 -0.94 0.00	19.93 -0.94 0.00	23.32 -1.02 0.00	46.40 -1.96 0.00	36.33 -1.07 0.00	85.55 -2.22 0.00	46.26 -1.77 0.00	29.37 -1.03 0.00	26.47 -1.05 0.00	28.48 -1.00 0.00	21.39 -0.87 0.00	22.89 -0.85 0.00	25.38 -0.79 0.00	24.97 -0.77 0.00	33.34 -0.89 0.00	38.50 -0.74 0.00	30.82 -0.57 0.00	35.11 -0.60 0.00	48.59 -0.58 0.00	34.90 -0.69 0.00	28.40 -0.47 0.00	27.72 -0.61 0.00
BEEBEE_GT_13 23619	24.69 -0.66 0.00	22.37 -0.59 0.00	20.46 -0.68 0.00	20.16 -0.70 0.00	23.79 -0.54 0.00	47.56 -0.80 0.00	36.24 -1.15 0.00	85.57 -2.21 0.00	46.75 -1.29 0.00	29.12 -1.28 0.00	26.17 -1.35 0.00	28.06 -1.41 0.00	21.26 -1.00 0.00	22.63 -1.11 0.00	24.87 -1.29 0.00	24.55 -1.19 0.00	32.41 -1.83 0.00	37.20 -2.05 0.00	29.74 -1.64 0.00	34.14 -1.58 0.00	47.58 -1.58 0.00	34.48 -1.12 0.00	28.18 -0.70 0.00	28.04 -0.29 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.30 0.96 0.00	23.61 0.65 0.00	21.75 0.61 0.00	21.55 0.69 0.00	25.06 0.72 0.00	50.06 1.71 0.00	39.22 1.82 0.00	92.73 4.95 0.00	50.84 2.81 0.00	32.44 2.04 0.00	29.19 1.66 0.00	31.09 1.62 0.00	23.56 1.30 0.00	25.32 1.36 -0.21	27.74 1.51 -0.08	28.23 1.55 -0.93	36.17 1.85 -0.08	41.19 1.94 0.00	33.44 2.06 0.00	37.93 2.22 0.00	51.84 2.68 0.00	37.14 1.54 0.00	30.11 1.24 0.00	29.27 0.88 -0.06
BETHLEHEM___GRP 23843	26.18 0.83 0.00	23.67 0.70 0.00	21.79 0.65 0.00	21.60 0.73 0.00	25.17 0.83 0.00	49.77 1.41 0.00	38.76 1.36 0.00	91.79 4.02 0.00	50.13 2.09 0.00	31.76 1.35 0.00	28.61 1.09 0.00	30.40 0.93 0.00	22.88 0.62 0.00	24.20 0.72 0.27	26.90 0.84 0.10	25.38 0.82 1.18	35.22 1.09 0.11	40.51 1.27 0.00	32.58 1.19 0.00	37.14 1.43 0.00	50.73 1.57 0.00	36.55 0.95 0.00	29.49 0.61 0.00	28.72 0.46 0.08
BETHLEHEM___GS1 323560	26.16 0.81 0.00	23.67 0.70 0.00	21.79 0.65 0.00	21.60 0.73 0.00	25.17 0.83 0.00	49.77 1.41 0.00	38.76 1.36 0.00	91.80 4.02 0.00	50.12 2.09 0.00	31.76 1.35 0.00	28.61 1.09 0.00	30.41 0.93 0.00	22.88 0.62 0.00	24.20 0.72 0.27	26.90 0.84 0.10	25.38 0.82 1.18	35.22 1.09 0.11	40.51 1.27 0.00	32.58 1.19 0.00	37.14 1.43 0.00	50.73 1.57 0.00	36.55 0.95 0.00	29.49 0.61 0.00	28.72 0.46 0.08
BETHLEHEM___GS2 323561	26.16 0.81 0.00	23.67 0.70 0.00	21.79 0.65 0.00	21.60 0.73 0.00	25.17 0.83 0.00	49.77 1.41 0.00	38.76 1.36 0.00	91.80 4.02 0.00	50.12 2.09 0.00	31.76 1.35 0.00	28.61 1.09 0.00	30.41 0.93 0.00	22.88 0.62 0.00	24.20 0.72 0.27	26.90 0.84 0.10	25.38 0.82 1.18	35.22 1.09 0.11	40.51 1.27 0.00	32.58 1.19 0.00	37.14 1.43 0.00	50.73 1.57 0.00	36.55 0.95 0.00	29.49 0.61 0.00	28.72 0.46 0.08
BETHLEHEM___GS3 323562	26.16 0.81 0.00	23.67 0.70 0.00	21.79 0.65 0.00	21.60 0.73 0.00	25.17 0.83 0.00	49.77 1.41 0.00	38.76 1.36 0.00	91.80 4.02 0.00	50.12 2.09 0.00	31.76 1.35 0.00	28.61 1.09 0.00	30.41 0.93 0.00	22.88 0.62 0.00	24.20 0.72 0.27	26.90 0.84 0.10	25.38 0.82 1.18	35.22 1.09 0.11	40.51 1.27 0.00	32.58 1.19 0.00	37.14 1.43 0.00	50.73 1.57 0.00	36.55 0.95 0.00	29.49 0.61 0.00	28.72 0.46 0.08
BETHLEHEM___STEEL 23779	24.34 -1.01 0.00	22.08 -0.88 0.00	20.13 -1.01 0.00	19.80 -1.06 0.00	23.56 -0.78 0.00	47.24 -1.12 0.00	35.69 -1.72 0.00	84.45 -3.32 0.00	46.19 -1.85 0.00	28.64 -1.76 0.00	25.76 -1.76 0.00	27.68 -1.80 0.00	20.99 -1.27 0.00	22.33 -1.42 0.00	24.46 -1.70 0.00	24.16 -1.57 0.00	31.65 -2.58 0.00	36.23 -3.01 0.00	28.87 -2.52 0.00	33.20 -2.51 0.00	46.72 -2.45 0.00	33.99 -1.61 0.00	27.99 -0.88 0.00	28.03 -0.30 0.00
BETHLHEM_115KV_TB1 79974	26.19 0.84 0.00	23.68 0.71 0.00	21.80 0.65 0.00	21.61 0.74 0.00	25.18 0.85 0.00	49.80 1.44 0.00	38.79 1.39 0.00	91.85 4.07 0.00	50.16 2.12 0.00	31.77 1.37 0.00	28.63 1.11 0.00	30.43 0.96 0.00	22.89 0.63 0.00	24.21 0.73 0.27	26.92 0.86 0.10	25.39 0.83 1.18	35.23 1.11 0.11	40.54 1.30 0.00	32.59 1.21 0.00	37.17 1.46 0.00	50.77 1.60 0.00	36.57 0.97 0.00	29.50 0.63 0.00	28.73 0.48 0.08
BETHPAGE_CC_5 323564	28.26 1.19 -1.72	23.71 0.74 0.00	21.87 0.73 0.00	21.71 0.84 0.00	25.21 0.87 0.00	50.52 2.16 0.00	39.45 2.06 0.00	92.36 4.59 0.00	50.42 2.38 0.00	32.11 1.71 0.00	29.09 1.57 0.00	31.33 1.70 -0.16	23.45 1.32 0.13	26.43 1.43 -1.25	28.37 1.60 -0.61	34.55 1.64 -7.18	42.99 2.00 -6.75	41.10 1.86 0.00	34.67 2.20 -1.09	38.00 2.29 0.00	51.74 2.57 0.00	36.85 1.25 0.00	29.77 0.89 0.00	29.28 0.89 -0.06
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.44 -0.91 0.00	22.17 -0.79 0.00	20.23 -0.92 0.00	19.90 -0.97 0.00	23.67 -0.66 0.00	47.47 -0.89 0.00	35.89 -1.51 0.00	84.96 -2.81 0.00	46.47 -1.56 0.00	28.83 -1.58 0.00	25.91 -1.61 0.00	27.84 -1.63 0.00	21.12 -1.14 0.00	22.47 -1.28 0.00	24.61 -1.55 0.00	24.31 -1.43 0.00	31.84 -2.39 0.00	36.46 -2.78 0.00	29.05 -2.33 0.00	33.42 -2.29 0.00	47.01 -2.16 0.00	34.18 -1.41 0.00	28.15 -0.72 0.00	28.18 -0.15 0.00

BINGHAMTON___COGEN 23790	25.08 -0.26 0.00	22.66 -0.31 0.00	20.85 -0.29 0.00	20.57 -0.30 0.00	24.17 -0.16 0.00	48.26 -0.10 0.00	37.31 -0.09 0.00	88.09 0.32 0.00	48.09 0.06 0.00	30.34 -0.06 0.00	27.35 -0.17 0.00	29.25 -0.23 0.00	22.16 -0.10 0.00	23.63 -0.11 0.00	26.05 -0.11 0.00	25.67 -0.08 0.00	33.93 -0.30 0.00	38.95 -0.29 0.00	31.29 -0.09 0.00	35.75 0.04 0.00	49.24 0.07 0.00	35.56 -0.04 0.00	28.86 -0.02 0.00	28.37 0.04 0.00
BIXINCNT_115KV_LOAD 355685	24.09 -1.26 0.00	21.95 -1.02 0.00	20.13 -1.02 0.00	19.94 -0.92 0.00	23.71 -0.62 0.00	47.67 -0.70 0.00	36.44 -0.96 0.00	86.58 -1.19 0.00	47.75 -0.28 0.00	29.55 -0.85 0.00	26.22 -1.30 0.00	28.34 -1.13 0.00	21.54 -0.72 0.00	22.84 -0.91 0.00	24.94 -1.22 0.00	24.63 -1.11 0.00	32.12 -2.12 0.00	36.84 -2.40 0.00	29.42 -1.96 0.00	33.83 -1.88 0.00	47.59 -1.58 0.00	34.66 -0.93 0.00	28.71 -0.17 0.00	28.70 0.37 0.00
BLACK RIVER___HYD 24047	24.01 -1.34 0.00	21.82 -1.14 0.00	20.07 -1.07 0.00	19.82 -1.05 0.00	23.21 -1.13 0.00	46.24 -2.12 0.00	36.28 -1.12 0.00	85.39 -2.38 0.00	45.98 -2.06 0.00	29.17 -1.24 0.00	26.20 -1.32 0.00	28.15 -1.33 0.00	21.05 -1.21 0.00	22.55 -1.20 0.00	25.08 -1.08 0.00	24.59 -1.15 0.00	32.91 -1.32 0.00	38.13 -1.11 0.00	30.62 -0.76 0.00	34.97 -0.74 0.00	48.38 -0.79 0.00	34.71 -0.89 0.00	28.27 -0.60 0.00	27.62 -0.71 0.00
BLACKRVR_115KV_TB2 79977	24.00 -1.34 0.00	21.82 -1.14 0.00	20.07 -1.07 0.00	19.82 -1.05 0.00	23.21 -1.13 0.00	46.24 -2.12 0.00	36.28 -1.12 0.00	85.39 -2.38 0.00	45.98 -2.06 0.00	29.17 -1.24 0.00	26.20 -1.33 0.00	28.15 -1.33 0.00	21.05 -1.21 0.00	22.55 -1.20 0.00	25.08 -1.08 0.00	24.59 -1.15 0.00	32.91 -1.32 0.00	38.13 -1.11 0.00	30.62 -0.76 0.00	34.97 -0.74 0.00	48.37 -0.79 0.00	34.71 -0.89 0.00	28.27 -0.60 0.00	27.62 -0.72 0.00
BLISS_WT_PWR 323608	23.89 -1.46 0.00	21.78 -1.19 0.00	20.00 -1.15 0.00	19.84 -1.03 0.00	23.59 -0.75 0.00	47.44 -0.92 0.00	36.35 -1.04 0.00	86.43 -1.34 0.00	47.82 -0.22 0.00	29.56 -0.85 0.00	26.14 -1.39 0.00	28.31 -1.16 0.00	21.51 -0.75 0.00	22.80 -0.95 0.00	24.87 -1.29 0.00	24.55 -1.19 0.00	31.96 -2.27 0.00	36.69 -2.55 0.00	29.32 -2.07 0.00	33.68 -2.04 0.00	47.42 -1.75 0.00	34.56 -1.04 0.00	28.68 -0.19 0.00	28.69 0.36 0.00
BLUESTONE___WT_PWR 323821	25.51 0.17 0.00	22.27 -0.69 0.00	21.36 0.21 0.00	20.63 -0.23 0.00	24.38 0.04 0.00	50.09 1.73 0.00	38.56 1.16 0.00	89.74 1.97 0.00	49.65 1.61 0.00	31.36 0.95 0.00	28.12 0.60 0.00	30.32 0.85 0.00	23.09 0.82 0.00	24.51 0.77 0.00	27.05 0.89 0.00	26.63 0.89 0.00	35.00 0.76 0.00	40.48 1.24 0.00	32.71 1.33 0.00	37.25 1.54 0.00	51.05 1.89 0.00	37.39 1.79 0.00	30.34 1.47 0.00	29.78 1.44 0.00
BLUE_CIRC_CHEM_DRP 24182	26.07 0.72 0.00	23.58 0.62 0.00	21.72 0.58 0.00	21.51 0.64 0.00	25.08 0.75 0.00	49.69 1.33 0.00	38.60 1.20 0.00	91.18 3.41 0.00	49.80 1.76 0.00	31.54 1.13 0.00	28.42 0.89 0.00	30.25 0.78 0.00	22.77 0.51 0.00	24.19 0.58 0.14	26.81 0.70 0.05	25.84 0.72 0.62	35.10 0.92 0.06	40.34 1.09 0.00	32.41 1.02 0.00	36.96 1.24 0.00	50.57 1.40 0.00	36.45 0.85 0.00	29.44 0.57 0.00	28.76 0.46 0.04
BOC_GAS_DRP 24189	25.74 0.39 0.00	23.27 0.30 0.00	21.43 0.28 0.00	21.21 0.34 0.00	24.72 0.39 0.00	49.04 0.68 0.00	38.14 0.73 0.00	90.04 2.27 0.00	49.21 1.17 0.00	31.19 0.79 0.00	28.12 0.60 0.00	29.97 0.49 0.00	22.58 0.33 0.00	23.99 0.37 0.12	26.55 0.43 0.04	25.66 0.45 0.53	34.75 0.56 0.05	39.90 0.66 0.00	32.08 0.70 0.00	36.55 0.85 0.00	50.05 0.88 0.00	36.04 0.44 0.00	29.14 0.27 0.00	28.46 0.16 0.03
BOONVILLE_115KV_TB1 79983	25.20 -0.15 0.00	22.86 -0.11 0.00	21.04 -0.10 0.00	20.77 -0.09 0.00	24.29 -0.05 0.00	48.32 -0.04 0.00	37.72 0.32 0.00	88.96 1.19 0.00	48.36 0.32 0.00	30.64 0.24 0.00	27.60 0.08 0.00	29.60 0.13 0.00	22.29 0.03 0.00	23.83 0.08 0.00	26.31 0.15 0.00	25.90 0.16 0.00	34.42 0.19 0.00	39.59 0.35 0.00	31.81 0.43 0.00	36.29 0.58 0.00	50.04 0.88 0.00	36.00 0.40 0.00	29.19 0.31 0.00	28.56 0.23 0.00
BORALEX_4TH_BRANCH 23824	26.19 0.84 0.00	23.70 0.73 0.00	21.82 0.67 0.00	21.65 0.79 0.00	25.23 0.89 0.00	49.60 1.24 0.00	38.47 1.07 0.00	91.60 3.83 0.00	49.84 1.80 0.00	31.58 1.18 0.00	28.38 0.85 0.00	30.06 0.59 0.00	22.71 0.45 0.00	23.41 0.41 0.74	26.44 0.55 0.27	22.80 0.37 3.31	34.78 0.85 0.30	40.27 1.03 0.00	32.31 0.93 0.00	36.94 1.23 0.00	50.16 1.00 0.00	36.31 0.71 0.00	29.12 0.25 0.00	28.21 0.09 0.21
BOWLINE___1 23526	25.97 0.62 0.00	23.36 0.39 0.00	21.54 0.40 0.00	21.35 0.49 0.00	24.86 0.53 0.00	49.57 1.21 0.00	38.78 1.38 0.00	91.77 3.99 0.00	50.17 2.14 0.00	31.86 1.45 0.00	28.70 1.18 0.00	30.59 1.11 0.00	23.15 0.89 0.00	24.87 0.92 -0.20	27.26 1.02 -0.07	27.71 1.08 -0.88	35.65 1.34 -0.08	40.68 1.44 0.00	32.90 1.52 0.00	37.42 1.71 0.00	51.10 1.93 0.00	36.63 1.03 0.00	29.61 0.73 0.00	28.90 0.51 -0.06
BOWLINE___2 23595	25.97 0.62 0.00	23.36 0.40 0.00	21.54 0.40 0.00	21.35 0.49 0.00	24.86 0.53 0.00	49.57 1.21 0.00	38.78 1.38 0.00	91.77 3.99 0.00	50.18 2.14 0.00	31.86 1.45 0.00	28.70 1.18 0.00	30.59 1.11 0.00	23.15 0.89 0.00	24.87 0.92 -0.20	27.26 1.02 -0.07	27.71 1.08 -0.88	35.66 1.35 -0.08	40.68 1.44 0.00	32.90 1.52 0.00	37.42 1.71 0.00	51.10 1.93 0.00	36.63 1.03 0.00	29.61 0.73 0.00	28.90 0.51 -0.06
BRADY___115KV_TB2 356060	25.31 -0.05 0.00	23.15 0.18 0.00	21.32 0.17 0.00	20.89 0.02 0.00	24.32 -0.02 0.00	48.44 0.08 0.00	37.32 -0.08 0.00	86.96 -0.81 0.00	47.55 -0.48 0.00	29.85 -0.56 0.00	27.17 -0.35 0.00	29.45 -0.03 0.00	22.34 0.08 0.00	23.83 0.09 0.00	26.23 0.07 0.00	25.78 0.04 0.00	34.46 0.23 0.00	39.45 0.21 0.00	31.29 -0.09 0.00	35.64 -0.07 0.00	49.43 0.26 0.00	36.08 0.48 0.00	29.37 0.49 0.00	28.66 0.32 0.00
BRANSCOMB___SOLAR 323811	26.10 0.75 0.00	23.60 0.64 0.00	21.73 0.59 0.00	21.54 0.67 0.00	25.12 0.79 0.00	49.84 1.48 0.00	38.86 1.46 0.00	92.22 4.45 0.00	50.28 2.24 0.00	31.82 1.42 0.00	28.68 1.16 0.00	30.50 1.03 0.00	22.96 0.70 0.00	24.08 0.69 0.36	26.89 0.86 0.13	24.99 0.84 1.59	35.38 1.30 0.14	40.79 1.55 0.00	32.73 1.35 0.00	37.39 1.68 0.00	50.99 1.83 0.00	36.68 1.08 0.00	29.58 0.70 0.00	28.77 0.54 0.10
BRENTWOD_69_KV_W. BRTWOOD 56703	27.49 1.42 -0.73	23.93 0.96 0.00	22.10 0.95 0.00	21.93 1.06 0.00	25.44 1.11 0.00	51.03 2.67 0.00	39.75 2.35 0.00	92.20 4.42 0.00	50.53 2.50 0.00	32.29 1.88 0.00	29.28 1.75 0.00	31.37 1.87 -0.03	22.65 1.39 1.00	25.79 1.53 -0.51	27.70 1.69 0.16	30.68 1.76 -3.17	42.77 2.27 -6.26	41.40 2.16 0.00	34.43 2.54 -0.51	38.41 2.70 0.00	52.26 3.10 0.00	37.06 1.46 0.00	29.92 1.04 0.00	29.46 1.08 -0.06

BRISTLHL_115KV_TB1 79998	24.98 -0.37 0.00	22.59 -0.38 0.00	20.77 -0.38 0.00	20.51 -0.35 0.00	23.99 -0.35 0.00	47.70 -0.66 0.00	36.76 -0.64 0.00	86.44 -1.33 0.00	47.18 -0.85 0.00	29.71 -0.70 0.00	26.77 -0.75 0.00	28.62 -0.85 0.00	21.60 -0.66 0.00	23.06 -0.69 0.00	25.38 -0.78 0.00	24.99 -0.75 0.00	33.10 -1.13 0.00	38.02 -1.22 0.00	30.55 -0.83 0.00	34.92 -0.79 0.00	48.11 -1.06 0.00	34.73 -0.87 0.00	28.21 -0.67 0.00	27.93 -0.40 0.00
BROOKHAVEN___DRP 24191	27.29 1.32 -0.62	23.89 0.92 0.00	22.10 0.95 0.00	21.95 1.08 0.00	25.43 1.09 0.00	51.00 2.64 0.00	39.63 2.23 0.00	92.64 4.86 0.00	47.01 2.10 3.13	18.40 1.54 13.54	29.07 1.55 0.00	31.09 1.60 -0.02	22.33 1.17 1.10	25.45 1.28 -0.43	27.33 1.41 0.24	30.00 1.53 -2.73	42.63 2.19 -6.21	41.38 2.14 0.00	34.31 2.48 -0.45	38.27 2.56 0.00	52.06 2.89 0.00	36.79 1.19 0.00	29.69 0.82 0.00	29.24 0.85 -0.05
BROOKLYN_NAVY_YARD 23515	26.07 0.72 0.00	23.43 0.46 0.00	21.58 0.44 0.00	21.39 0.53 0.00	24.87 0.53 0.00	49.70 1.34 0.00	38.89 1.49 0.00	92.00 4.23 0.00	50.36 2.33 0.00	32.10 1.70 0.00	28.92 1.40 0.00	30.81 1.33 0.00	23.34 1.08 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.86 1.55 -0.08	40.85 1.61 0.00	33.08 1.69 0.00	37.58 1.87 0.00	51.25 2.08 0.00	36.71 1.11 0.00	29.73 0.85 0.00	28.91 0.52 -0.06
BROOKLYN___ARMY_DRP 323595	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
BROOKVLE_69_KV_TB1 55790	29.66 1.30 -3.00	23.69 0.73 0.00	21.84 0.70 0.00	21.68 0.81 0.00	25.21 0.87 0.00	50.44 2.08 0.00	39.42 2.02 0.00	92.76 4.99 0.00	50.69 2.66 0.00	32.26 1.85 0.00	29.17 1.65 0.00	31.52 1.73 -0.32	24.60 1.35 -1.00	27.39 1.43 -2.21	29.35 1.59 -1.61	40.13 1.63 -12.76	44.25 2.00 -8.02	41.18 1.94 0.00	35.49 2.13 -1.98	38.07 2.36 0.00	51.88 2.71 0.00	37.03 1.43 0.00	29.91 1.03 0.00	29.32 0.92 -0.06
BROOME_2_LFGE 323671	25.06 -0.26 0.02	22.65 -0.31 0.01	20.84 -0.30 0.01	20.53 -0.30 0.04	24.03 -0.16 0.15	48.22 -0.10 0.03	37.32 -0.09 0.00	88.09 0.32 0.00	48.09 0.06 0.00	30.34 -0.06 0.00	27.35 -0.17 0.00	29.25 -0.23 0.00	22.16 -0.10 0.00	23.63 -0.11 0.00	26.05 -0.11 0.00	25.61 -0.07 0.05	33.87 -0.30 0.06	38.94 -0.29 0.01	31.25 -0.09 0.04	35.73 0.04 0.02	49.25 0.09 0.01	35.56 -0.04 0.00	28.86 -0.02 0.00	28.38 0.04 0.00
BROOME___LFGE 323600	25.06 -0.26 0.02	22.65 -0.31 0.01	20.84 -0.30 0.01	20.53 -0.30 0.04	24.03 -0.16 0.15	48.22 -0.10 0.03	37.32 -0.09 0.00	88.09 0.32 0.00	48.09 0.06 0.00	30.34 -0.06 0.00	27.35 -0.17 0.00	29.25 -0.23 0.00	22.16 -0.10 0.00	23.63 -0.11 0.00	26.05 -0.11 0.00	25.61 -0.07 0.05	33.87 -0.30 0.06	38.94 -0.29 0.01	31.25 -0.09 0.04	35.73 0.04 0.02	49.25 0.09 0.01	35.56 -0.04 0.00	28.86 -0.02 0.00	28.38 0.04 0.00
BROWNFLS_115KV_TB_3_5 80003	24.05 -1.30 0.00	21.97 -1.00 0.00	20.23 -0.92 0.00	19.88 -0.99 0.00	23.20 -1.13 0.00	46.21 -2.16 0.00	35.94 -1.46 0.00	84.25 -3.52 0.00	45.78 -2.26 0.00	28.98 -1.42 0.00	26.25 -1.28 0.00	28.33 -1.14 0.00	21.35 -0.91 0.00	22.83 -0.91 0.00	25.24 -0.92 0.00	24.83 -0.91 0.00	33.19 -1.04 0.00	38.19 -1.05 0.00	30.42 -0.96 0.00	34.61 -1.10 0.00	47.91 -1.26 0.00	34.67 -0.93 0.00	28.21 -0.67 0.00	27.52 -0.81 0.00
BROWNSV1_27_KV_LOAD 356125	26.31 0.96 0.00	23.64 0.67 0.00	21.78 0.63 0.00	21.59 0.72 0.00	25.11 0.77 0.00	50.20 1.84 0.00	39.30 1.90 0.00	93.03 5.25 0.00	50.93 2.90 0.00	32.46 2.05 0.00	29.24 1.72 0.00	31.16 1.69 0.00	23.59 1.33 0.00	25.36 1.40 -0.21	27.78 1.55 -0.08	28.28 1.61 -0.93	36.27 1.95 -0.08	41.31 2.07 0.00	33.45 2.07 0.00	38.00 2.29 0.00	51.84 2.68 0.00	37.14 1.54 0.00	30.06 1.18 0.00	29.24 0.85 -0.06
BURROWS___LYONSDAL 23803	24.87 -0.48 0.00	22.59 -0.37 0.00	20.79 -0.35 0.00	20.53 -0.33 0.00	24.01 -0.33 0.00	47.77 -0.59 0.00	37.34 -0.06 0.00	88.08 0.31 0.00	47.81 -0.23 0.00	30.33 -0.08 0.00	27.32 -0.21 0.00	29.32 -0.15 0.00	22.07 -0.20 0.00	23.60 -0.15 0.00	26.09 -0.07 0.00	25.68 -0.06 0.00	34.17 -0.06 0.00	39.35 0.11 0.00	31.58 0.20 0.00	36.00 0.29 0.00	49.69 0.53 0.00	35.71 0.11 0.00	28.99 0.11 0.00	28.33 0.00 0.00
CAITHNESS_CC_1 323624	27.24 1.28 -0.61	23.84 0.87 0.00	22.05 0.90 0.00	21.90 1.03 0.00	25.36 1.03 0.00	50.86 2.50 0.00	39.55 2.16 0.00	92.44 4.67 0.00	46.98 2.07 3.13	18.39 1.53 13.54	29.04 1.52 0.00	31.07 1.58 -0.02	22.34 1.18 1.10	25.47 1.29 -0.43	27.34 1.42 0.25	29.98 1.53 -2.71	42.56 2.12 -6.21	41.29 2.05 0.00	34.23 2.41 -0.45	38.19 2.48 0.00	51.95 2.79 0.00	36.73 1.14 0.00	29.66 0.78 0.00	29.21 0.82 -0.05
CALPINE BETH_PAGE_GT4 24209	28.71 1.16 -2.20	23.68 0.71 0.00	21.85 0.70 0.00	21.68 0.81 0.00	25.18 0.84 0.00	50.45 2.09 0.00	39.41 2.01 0.00	92.29 4.52 0.00	50.39 2.35 0.00	32.09 1.69 0.00	29.06 1.54 0.00	31.36 1.67 -0.22	23.85 1.29 -0.29	26.74 1.39 -1.61	28.70 1.55 -0.98	36.47 1.59 -9.13	43.18 1.95 -7.00	40.99 1.75 0.00	34.77 2.10 -1.29	37.90 2.19 0.00	51.61 2.45 0.00	36.83 1.23 0.00	29.75 0.87 0.00	29.26 0.86 -0.06
CALPINE_BETH_PAGE_GT_4 323586	28.71 1.16 -2.20	23.68 0.71 0.00	21.85 0.70 0.00	21.68 0.81 0.00	25.18 0.84 0.00	50.45 2.09 0.00	39.41 2.01 0.00	92.29 4.52 0.00	50.39 2.35 0.00	32.09 1.69 0.00	29.06 1.54 0.00	31.36 1.67 -0.22	23.85 1.29 -0.29	26.77 1.41 -1.61	28.71 1.57 -0.98	36.48 1.61 -9.13	43.19 1.96 -7.00	40.99 1.75 0.00	34.77 2.10 -1.29	37.90 2.19 0.00	51.61 2.45 0.00	36.83 1.23 0.00	29.74 0.87 0.00	29.26 0.86 -0.06
CALPINE_BP_GT1 23823	28.71 1.16 -2.20	23.68 0.71 0.00	21.85 0.70 0.00	21.68 0.81 0.00	25.18 0.84 0.00	50.45 2.09 0.00	39.41 2.01 0.00	92.29 4.52 0.00	50.39 2.35 0.00	32.09 1.69 0.00	29.06 1.54 0.00	31.36 1.67 -0.22	23.85 1.29 -0.29	26.77 1.41 -1.61	28.71 1.57 -0.98	36.48 1.61 -9.13	43.19 1.96 -7.00	40.99 1.75 0.00	34.77 2.10 -1.29	37.90 2.19 0.00	51.61 2.45 0.00	36.83 1.23 0.00	29.74 0.87 0.00	29.26 0.86 -0.06
CALSPAN___DRP 24200	24.34 -1.01 0.00	22.08 -0.88 0.00	20.13 -1.01 0.00	19.80 -1.06 0.00	23.56 -0.78 0.00	47.24 -1.12 0.00	35.69 -1.72 0.00	84.45 -3.32 0.00	46.19 -1.85 0.00	28.64 -1.76 0.00	25.76 -1.76 0.00	27.68 -1.80 0.00	20.99 -1.27 0.00	22.33 -1.42 0.00	24.46 -1.70 0.00	24.16 -1.57 0.00	31.65 -2.58 0.00	36.23 -3.01 0.00	28.87 -2.52 0.00	33.20 -2.51 0.00	46.72 -2.45 0.00	33.99 -1.61 0.00	27.99 -0.88 0.00	28.03 -0.30 0.00

CALVERTON___SOLAR 323806	27.34 1.37 -0.62	23.95 0.98 0.00	22.15 1.01 0.00	22.01 1.14 0.00	25.49 1.15 0.00	51.15 2.78 0.00	39.73 2.33 0.00	92.91 5.13 0.00	47.14 2.18 3.08	18.66 1.57 13.32	29.13 1.61 0.00	31.13 1.63 -0.02	22.35 1.19 1.09	25.50 1.32 -0.43	27.37 1.45 0.24	30.06 1.59 -2.73	42.74 2.30 -6.21	41.50 2.26 0.00	34.41 2.58 -0.45	38.38 2.67 0.00	52.21 3.04 0.00	36.87 1.27 0.00	29.75 0.88 0.00	29.29 0.91 -0.05
CANDIGU_WT_PWR 323617	23.94 -1.49 -0.07	21.85 -1.16 -0.04	19.98 -1.19 -0.03	19.90 -1.08 -0.12	24.02 -0.79 -0.47	47.16 -1.31 -0.10	36.30 -1.10 0.00	85.98 -1.79 0.00	47.11 -0.92 0.00	29.82 -0.59 0.00	26.76 -0.76 0.00	28.58 -0.89 0.00	21.57 -0.69 0.00	23.04 -0.71 0.00	25.58 -0.58 0.00	25.50 -0.41 -0.17	33.42 -1.01 -0.20	38.34 -0.94 -0.05	30.89 -0.64 -0.15	35.43 -0.36 -0.08	48.96 -0.23 -0.02	35.48 -0.12 0.00	29.08 0.20 0.00	28.56 0.23 0.00
CARR STREET_E_SYR 24060	25.14 -0.21 0.00	22.73 -0.24 0.00	20.90 -0.25 0.00	20.63 -0.24 0.00	24.14 -0.20 0.00	48.06 -0.31 0.00	37.04 -0.36 0.00	87.15 -0.62 0.00	47.62 -0.42 0.00	29.99 -0.41 0.00	27.05 -0.47 0.00	28.95 -0.53 0.00	21.86 -0.40 0.00	23.31 -0.44 0.00	25.67 -0.49 0.00	25.25 -0.49 0.00	33.43 -0.80 0.00	38.38 -0.86 0.00	30.82 -0.57 0.00	35.20 -0.51 0.00	48.51 -0.66 0.00	35.04 -0.56 0.00	28.47 -0.41 0.00	28.16 -0.18 0.00
CARTHAGE___PAPER 23857	24.19 -1.16 0.00	22.03 -0.93 0.00	20.27 -0.87 0.00	19.99 -0.87 0.00	23.40 -0.93 0.00	46.62 -1.74 0.00	36.54 -0.86 0.00	85.99 -1.79 0.00	46.40 -1.64 0.00	29.40 -1.01 0.00	26.47 -1.05 0.00	28.45 -1.02 0.00	21.33 -0.93 0.00	22.84 -0.91 0.00	25.35 -0.81 0.00	24.92 -0.82 0.00	33.29 -0.94 0.00	38.52 -0.72 0.00	30.90 -0.49 0.00	35.27 -0.44 0.00	48.81 -0.35 0.00	35.06 -0.54 0.00	28.53 -0.34 0.00	27.83 -0.50 0.00
CASSADAGA_WT_PWR 323784	24.12 -1.23 0.00	21.61 -1.36 0.00	20.08 -1.06 0.00	19.69 -1.17 0.00	23.63 -0.70 0.00	48.26 -0.10 0.00	36.65 -0.75 0.00	85.59 -2.18 0.00	47.11 -0.93 0.00	29.46 -0.95 0.00	26.56 -0.96 0.00	28.53 -0.94 0.00	21.66 -0.60 0.00	23.02 -0.73 0.00	25.00 -1.16 0.00	24.47 -1.28 0.00	32.27 -1.96 0.00	36.93 -2.32 0.00	29.45 -1.93 0.00	33.95 -1.77 0.00	47.89 -1.28 0.00	34.99 -0.61 0.00	28.70 -0.17 0.00	28.75 0.42 0.00
CE_DUNWOOD___DRP 24194	26.05 0.70 0.00	23.42 0.46 0.00	21.59 0.45 0.00	21.40 0.54 0.00	24.91 0.58 0.00	49.70 1.34 0.00	38.89 1.49 0.00	92.02 4.25 0.00	50.32 2.28 0.00	31.99 1.58 0.00	28.83 1.31 0.00	30.71 1.24 0.00	23.23 0.97 0.00	24.98 1.02 -0.21	27.37 1.13 -0.08	27.86 1.19 -0.93	35.79 1.48 -0.08	40.83 1.58 0.00	33.03 1.64 0.00	37.57 1.85 0.00	51.25 2.09 0.00	36.73 1.13 0.00	29.68 0.81 0.00	28.94 0.55 -0.06
CE_MILLWOOD___DRP 24193	26.02 0.67 0.00	23.40 0.43 0.00	21.57 0.43 0.00	21.38 0.52 0.00	24.89 0.55 0.00	49.64 1.28 0.00	38.84 1.44 0.00	91.92 4.15 0.00	50.26 2.23 0.00	31.94 1.54 0.00	28.78 1.26 0.00	30.66 1.18 0.00	23.20 0.94 0.00	24.93 0.98 -0.21	27.32 1.09 -0.08	27.81 1.15 -0.92	35.74 1.43 -0.08	40.76 1.52 0.00	32.98 1.60 0.00	37.52 1.81 0.00	51.20 2.03 0.00	36.69 1.09 0.00	29.65 0.77 0.00	28.92 0.53 -0.06
CE_NYC2_DRP 24202	26.16 0.82 0.00	23.51 0.54 0.00	21.67 0.52 0.00	21.48 0.61 0.00	24.96 0.63 0.00	49.89 1.53 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.58 2.54 0.00	32.25 1.84 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.44 1.18 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.01 1.77 0.00	33.24 1.86 0.00	37.72 2.01 0.00	51.50 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.06 0.67 -0.06
CE_NYC_DRP 24195	26.08 0.73 0.00	23.43 0.47 0.00	21.60 0.45 0.00	21.41 0.54 0.00	24.90 0.56 0.00	49.79 1.43 0.00	38.95 1.55 0.00	92.14 4.37 0.00	50.44 2.40 0.00	32.15 1.75 0.00	28.97 1.45 0.00	30.87 1.39 0.00	23.38 1.12 0.00	25.14 1.18 -0.21	27.53 1.29 -0.08	28.03 1.36 -0.93	35.93 1.62 -0.08	40.92 1.68 0.00	33.13 1.75 0.00	37.64 1.92 0.00	51.31 2.14 0.00	36.76 1.15 0.00	29.76 0.88 0.00	28.97 0.58 -0.06
CHAFFEE___LFGE 323603	24.60 -0.75 0.00	22.27 -0.70 0.00	20.31 -0.84 0.00	19.98 -0.89 0.00	23.76 -0.58 0.00	47.65 -0.72 0.00	36.05 -1.35 0.00	85.48 -2.30 0.00	46.73 -1.30 0.00	28.98 -1.43 0.00	26.05 -1.47 0.00	27.97 -1.51 0.00	21.19 -1.07 0.00	22.56 -1.19 0.00	24.74 -1.42 0.00	24.45 -1.30 0.00	32.03 -2.20 0.00	36.70 -2.54 0.00	29.27 -2.11 0.00	33.66 -2.05 0.00	47.35 -1.81 0.00	34.42 -1.18 0.00	28.31 -0.57 0.00	28.30 -0.03 0.00
CHATEAUG_35_KV_LOAD 355732	25.18 -0.17 0.00	23.20 0.23 0.00	21.39 0.25 0.00	20.60 -0.27 0.00	24.16 -0.18 0.00	48.54 0.18 0.00	37.03 -0.37 0.00	86.27 -1.50 0.00	47.13 -0.90 0.00	29.91 -0.50 0.00	27.52 0.00 0.00	29.89 0.42 0.00	22.61 0.35 0.00	24.11 0.36 0.00	26.51 0.35 0.00	26.20 0.46 0.00	35.22 0.99 0.00	40.28 1.04 0.00	31.90 0.52 0.00	36.11 0.40 0.00	49.55 0.38 0.00	36.50 0.90 0.00	29.69 0.82 0.00	28.97 0.64 0.00
CHATEAUG_WT_PWR 323614	25.10 -0.25 0.00	23.15 0.18 0.00	21.34 0.19 0.00	20.51 -0.36 0.00	24.08 -0.26 0.00	48.44 0.07 0.00	36.97 -0.43 0.00	86.09 -1.69 0.00	46.99 -1.05 0.00	29.87 -0.54 0.00	27.52 -0.01 0.00	29.86 0.38 0.00	22.58 0.32 0.00	24.06 0.32 0.00	26.45 0.29 0.00	26.14 0.40 0.00	35.14 0.90 0.00	40.18 0.94 0.00	31.84 0.45 0.00	36.04 0.32 0.00	49.43 0.27 0.00	36.36 0.76 0.00	29.61 0.73 0.00	28.90 0.57 0.00
CHAT_HIGH_FALL_HYD 323578	25.18 -0.17 0.00	23.20 0.23 0.00	21.39 0.25 0.00	20.60 -0.27 0.00	24.16 -0.18 0.00	48.54 0.18 0.00	37.03 -0.37 0.00	86.27 -1.50 0.00	47.13 -0.90 0.00	29.91 -0.50 0.00	27.52 0.00 0.00	29.89 0.42 0.00	22.61 0.35 0.00	24.11 0.36 0.00	26.51 0.35 0.00	26.20 0.46 0.00	35.22 0.99 0.00	40.28 1.04 0.00	31.90 0.52 0.00	36.11 0.40 0.00	49.55 0.38 0.00	36.50 0.90 0.00	29.69 0.82 0.00	28.97 0.64 0.00
CHAUTAUQUA___LFGE 323629	24.27 -1.08 0.00	21.90 -1.07 0.00	20.08 -1.07 0.00	19.72 -1.15 0.00	23.62 -0.72 0.00	47.64 -0.72 0.00	36.06 -1.34 0.00	85.11 -2.66 0.00	46.60 -1.43 0.00	29.01 -1.40 0.00	26.09 -1.43 0.00	28.00 -1.48 0.00	21.25 -1.01 0.00	22.62 -1.13 0.00	24.72 -1.44 0.00	24.38 -1.36 0.00	31.97 -2.26 0.00	36.63 -2.61 0.00	29.18 -2.20 0.00	33.55 -2.16 0.00	47.25 -1.91 0.00	34.42 -1.18 0.00	28.27 -0.61 0.00	28.26 -0.07 0.00
CHERRYST_13_KV_LD 356241	26.15 0.80 0.00	23.50 0.53 0.00	21.66 0.51 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.95 1.59 0.00	39.07 1.67 0.00	92.44 4.66 0.00	50.62 2.59 0.00	32.27 1.86 0.00	29.08 1.55 0.00	30.98 1.50 0.00	23.46 1.20 0.00	25.22 1.26 -0.21	27.62 1.39 -0.08	28.12 1.45 -0.93	36.05 1.74 -0.08	41.05 1.81 0.00	33.24 1.86 0.00	37.75 2.04 0.00	51.46 2.29 0.00	36.86 1.26 0.00	29.85 0.97 0.00	29.05 0.66 -0.06

CHESTROR_138KV_BK263 355645	25.89 0.54 0.00	23.31 0.34 0.00	21.49 0.34 0.00	21.29 0.42 0.00	24.80 0.46 0.00	49.39 1.03 0.00	38.61 1.21 0.00	91.32 3.55 0.00	49.94 1.90 0.00	31.70 1.29 0.00	28.57 1.05 0.00	30.45 0.97 0.00	23.04 0.77 0.00	24.73 0.80 -0.18	27.11 0.88 -0.07	27.48 0.94 -0.80	35.48 1.18 -0.07	40.51 1.28 0.00	32.73 1.34 0.00	37.25 1.53 0.00	50.83 1.67 0.00	36.46 0.87 0.00	29.47 0.60 0.00	28.78 0.39 -0.05
CH_MIDHUDSON___DRP 24192	25.93 0.58 0.00	23.35 0.39 0.00	21.52 0.38 0.00	21.34 0.47 0.00	24.84 0.50 0.00	49.47 1.11 0.00	38.68 1.28 0.00	91.63 3.86 0.00	50.10 2.06 0.00	31.80 1.40 0.00	28.66 1.14 0.00	30.51 1.04 0.00	23.05 0.79 0.00	24.68 0.81 -0.12	27.16 0.93 -0.08	27.62 0.97 -0.91	35.57 1.25 -0.08	40.68 1.44 0.00	32.87 1.48 0.00	37.42 1.71 0.00	51.07 1.90 0.00	36.59 0.99 0.00	29.51 0.63 0.00	28.76 0.40 -0.03
CH_MISC_IPPS 23765	26.10 0.75 0.00	23.50 0.54 0.00	21.65 0.51 0.00	21.46 0.60 0.00	25.00 0.66 0.00	49.82 1.46 0.00	38.97 1.57 0.00	92.27 4.50 0.00	50.47 2.43 0.00	32.04 1.63 0.00	28.88 1.36 0.00	30.76 1.28 0.00	23.25 0.99 0.00	24.92 1.02 -0.15	27.37 1.14 -0.07	27.81 1.19 -0.88	35.85 1.54 -0.08	40.98 1.75 0.00	33.11 1.72 0.00	37.69 1.98 0.00	51.46 2.30 0.00	36.87 1.27 0.00	29.75 0.88 0.00	29.00 0.62 -0.04
CH_RES_BVR_FALLS 23983	24.77 -0.58 0.00	22.53 -0.43 0.00	20.77 -0.37 0.00	20.35 -0.51 0.00	23.70 -0.63 0.00	47.12 -1.24 0.00	36.45 -0.95 0.00	85.09 -2.68 0.00	46.91 -1.13 0.00	29.82 -0.59 0.00	27.17 -0.35 0.00	29.28 -0.20 0.00	22.09 -0.17 0.00	23.62 -0.13 0.00	26.04 -0.12 0.00	25.68 -0.07 0.00	34.24 0.01 0.00	39.22 -0.02 0.00	31.20 -0.18 0.00	35.34 -0.37 0.00	48.77 -0.40 0.00	35.40 -0.20 0.00	28.75 -0.13 0.00	28.08 -0.25 0.00
CH_RES_NIAGARA 23895	23.74 -1.61 0.00	21.57 -1.39 0.00	19.63 -1.51 0.00	19.32 -1.55 0.00	22.92 -1.41 0.00	45.69 -2.67 0.00	34.15 -3.25 0.00	80.55 -7.22 0.00	44.04 -4.00 0.00	27.26 -3.15 0.00	24.53 -3.00 0.00	26.38 -3.10 0.00	20.00 -2.26 0.00	21.28 -2.47 0.00	23.34 -2.82 0.00	23.04 -2.70 0.00	30.21 -4.02 0.00	34.56 -4.68 0.00	27.54 -3.84 0.00	31.68 -4.03 0.00	44.63 -4.54 0.00	32.52 -3.08 0.00	26.85 -2.03 0.00	27.00 -1.33 0.00
CH_RES_SYRACUSE 23985	25.32 -0.03 0.00	22.89 -0.07 0.00	21.06 -0.08 0.00	20.78 -0.09 0.00	24.30 -0.04 0.00	48.41 0.05 0.00	37.36 -0.04 0.00	87.92 0.14 0.00	47.97 -0.07 0.00	30.22 -0.18 0.00	27.24 -0.28 0.00	29.14 -0.33 0.00	22.01 -0.24 0.00	23.46 -0.28 0.00	25.85 -0.31 0.00	25.44 -0.30 0.00	33.70 -0.53 0.00	38.71 -0.53 0.00	31.11 -0.28 0.00	35.52 -0.19 0.00	48.92 -0.25 0.00	35.33 -0.27 0.00	28.69 -0.18 0.00	28.37 0.04 0.00
CLINTON_WT_PWR 323605	25.10 -0.25 0.00	23.15 0.18 0.00	21.34 0.19 0.00	20.51 -0.36 0.00	24.08 -0.26 0.00	48.44 0.07 0.00	36.97 -0.43 0.00	86.09 -1.69 0.00	46.99 -1.05 0.00	29.87 -0.54 0.00	27.52 -0.01 0.00	29.86 0.38 0.00	22.58 0.32 0.00	24.06 0.32 0.00	26.45 0.29 0.00	26.14 0.40 0.00	35.14 0.90 0.00	40.18 0.94 0.00	31.84 0.45 0.00	36.04 0.32 0.00	49.43 0.27 0.00	36.36 0.76 0.00	29.61 0.73 0.00	28.90 0.57 0.00
CLINTON___LFGE 323618	25.57 0.22 0.00	23.54 0.58 0.00	21.71 0.56 0.00	20.90 0.03 0.00	24.53 0.19 0.00	49.39 1.03 0.00	37.89 0.48 0.00	88.70 0.93 0.00	48.38 0.34 0.00	30.63 0.23 0.00	28.14 0.62 0.00	30.47 1.00 0.00	22.93 0.67 0.00	24.43 0.68 0.00	26.86 0.70 0.00	26.71 0.97 0.00	35.95 1.71 0.00	41.04 1.80 0.00	32.50 1.11 0.00	36.88 1.17 0.00	50.76 1.59 0.00	37.32 1.72 0.00	30.28 1.41 0.00	29.49 1.16 0.00
COBBLENY_34_KV_TB1 80064	24.56 -0.79 0.00	22.27 -0.70 0.00	20.31 -0.84 0.00	19.98 -0.89 0.00	23.75 -0.58 0.00	47.64 -0.72 0.00	36.04 -1.36 0.00	85.47 -2.30 0.00	46.73 -1.31 0.00	28.98 -1.43 0.00	26.05 -1.47 0.00	27.97 -1.50 0.00	21.21 -1.05 0.00	22.56 -1.19 0.00	24.74 -1.42 0.00	24.45 -1.30 0.00	32.04 -2.19 0.00	36.70 -2.55 0.00	29.26 -2.12 0.00	33.66 -2.05 0.00	47.35 -1.82 0.00	34.42 -1.18 0.00	28.31 -0.57 0.00	28.30 -0.03 0.00
COFFEEN___115KV_TB3 355620	24.18 -1.17 0.00	21.97 -1.00 0.00	20.21 -0.94 0.00	19.95 -0.92 0.00	23.37 -0.96 0.00	46.60 -1.76 0.00	36.55 -0.85 0.00	86.08 -1.69 0.00	46.28 -1.76 0.00	29.34 -1.07 0.00	26.29 -1.24 0.00	28.19 -1.28 0.00	21.05 -1.21 0.00	22.55 -1.20 0.00	25.09 -1.07 0.00	24.57 -1.17 0.00	32.90 -1.33 0.00	38.20 -1.04 0.00	30.82 -0.57 0.00	35.23 -0.48 0.00	48.73 -0.44 0.00	34.95 -0.65 0.00	28.44 -0.43 0.00	27.79 -0.54 0.00
COLDSPRG_115KV_BK1 355956	24.98 -0.37 0.00	22.54 -0.42 0.00	20.73 -0.42 0.00	20.40 -0.46 0.00	24.41 0.07 0.00	49.35 0.98 0.00	37.57 0.17 0.00	88.64 0.87 0.00	48.49 0.45 0.00	30.21 -0.19 0.00	27.16 -0.36 0.00	29.14 -0.33 0.00	22.13 -0.13 0.00	23.54 -0.21 0.00	25.74 -0.42 0.00	25.36 -0.38 0.00	33.33 -0.90 0.00	38.15 -1.09 0.00	30.46 -0.93 0.00	35.12 -0.59 0.00	49.28 0.11 0.00	35.85 0.25 0.00	29.38 0.50 0.00	29.26 0.93 0.00
COLONIE_LFGE___ 323577	25.97 0.62 0.00	23.49 0.52 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.98 0.64 0.00	49.41 1.05 0.00	38.46 1.06 0.00	91.17 3.40 0.00	49.73 1.69 0.00	31.49 1.08 0.00	28.35 0.84 0.00	30.14 0.66 0.00	22.73 0.46 0.00	23.80 0.48 0.42	26.61 0.60 0.15	24.39 0.52 1.88	34.92 0.86 0.17	40.25 1.00 0.00	32.32 0.93 0.00	36.90 1.19 0.00	50.32 1.15 0.00	36.30 0.70 0.00	29.24 0.36 0.00	28.44 0.23 0.12
COOPERNY_115KV_TB1 80082	25.69 0.34 0.00	23.16 0.19 0.00	21.35 0.20 0.00	21.13 0.26 0.00	24.63 0.29 0.00	49.04 0.67 0.00	38.23 0.83 0.00	90.26 2.49 0.00	49.35 1.31 0.00	31.29 0.89 0.00	28.22 0.70 0.00	30.12 0.64 0.00	22.79 0.53 0.00	24.42 0.55 -0.12	26.81 0.60 -0.05	26.94 0.64 -0.56	35.06 0.78 -0.05	40.09 0.85 0.00	32.31 0.93 0.00	36.79 1.08 0.00	50.35 1.19 0.00	36.19 0.59 0.00	29.28 0.41 0.00	28.63 0.26 -0.04
COPENHAGEN_WT_PWR 323753	23.76 -1.59 0.00	21.60 -1.37 0.00	19.87 -1.28 0.00	19.63 -1.24 0.00	22.97 -1.36 0.00	45.75 -2.62 0.00	35.93 -1.47 0.00	84.50 -3.27 0.00	45.53 -2.50 0.00	28.94 -1.47 0.00	26.05 -1.47 0.00	28.03 -1.44 0.00	20.96 -1.30 0.00	22.47 -1.28 0.00	25.01 -1.15 0.00	24.54 -1.21 0.00	32.84 -1.40 0.00	38.02 -1.22 0.00	30.36 -1.03 0.00	34.64 -1.07 0.00	47.92 -1.24 0.00	34.37 -1.23 0.00	28.05 -0.82 0.00	27.41 -0.92 0.00
CORNELL_____ 23752	25.48 0.13 0.00	23.01 0.05 0.00	21.19 0.04 0.00	20.88 0.02 0.00	24.50 0.16 0.00	48.97 0.60 0.00	37.88 0.48 0.00	89.36 1.59 0.00	48.74 0.71 0.00	30.65 0.24 0.00	27.53 0.01 0.00	29.48 0.01 0.00	22.36 0.10 0.00	23.85 0.10 0.00	26.26 0.10 0.00	25.72 -0.02 0.00	34.06 -0.17 0.00	39.15 -0.09 0.00	31.60 0.22 0.00	36.23 0.52 0.00	49.94 0.78 0.00	36.03 0.43 0.00	29.22 0.35 0.00	28.78 0.45 0.00

CORONA__69_KV_TB1 355595	35.42 1.16 -8.91	23.70 0.73 0.00	21.86 0.71 0.00	21.67 0.80 0.00	25.19 0.86 0.00	50.44 2.08 0.00	39.34 1.94 0.00	92.00 4.23 0.00	50.39 2.35 0.00	32.11 1.70 0.00	29.11 1.58 -0.01	32.26 1.74 -1.05	29.77 1.35 -6.16	31.80 1.45 -6.60	33.93 1.60 -6.17	62.97 1.62 -35.60	45.54 1.92 -9.40	41.08 1.84 0.00	39.30 2.22 -5.70	37.94 2.23 0.00	51.76 2.58 -0.01	36.87 1.27 0.00	29.84 0.96 -0.01	29.38 0.96 -0.09
CORTLAND__115KV_TB3 80093	25.82 0.47 0.00	23.38 0.41 0.00	21.48 0.33 0.00	21.20 0.34 0.00	24.80 0.46 0.00	49.43 1.07 0.00	38.33 0.93 0.00	90.40 2.63 0.00	49.35 1.32 0.00	31.08 0.67 0.00	27.97 0.45 0.00	29.94 0.47 0.00	22.61 0.35 0.00	24.16 0.41 0.00	26.59 0.43 0.00	26.10 0.36 0.00	34.52 0.29 0.00	39.50 0.26 0.00	31.94 0.55 0.00	36.63 0.92 0.00	50.52 1.36 0.00	36.44 0.84 0.00	29.53 0.66 0.00	29.07 0.74 0.00
COXSACKIE__GT 23611	27.34 1.99 0.00	24.74 1.78 0.00	22.77 1.62 0.00	22.54 1.67 0.00	26.32 1.99 0.00	52.22 3.86 0.00	40.76 3.36 0.00	96.74 8.97 0.00	52.97 4.93 0.00	33.52 3.12 0.00	30.20 2.68 0.00	31.90 2.43 0.00	23.83 1.57 0.00	25.34 1.70 0.11	28.30 2.17 0.04	27.50 2.21 0.46	37.04 2.85 0.04	42.75 3.51 0.00	34.34 2.96 0.00	39.29 3.58 0.00	53.60 4.44 0.00	38.56 2.96 0.00	30.98 2.11 0.00	30.20 1.91 0.03
CPV_VALLEY__CC1 323721	25.71 0.36 0.00	23.15 0.19 0.00	21.34 0.19 0.00	21.14 0.27 0.00	24.62 0.29 0.00	49.02 0.66 0.00	38.29 0.89 0.00	90.52 2.75 0.00	49.48 1.45 0.00	31.40 0.99 0.00	28.30 0.78 0.00	30.18 0.70 0.00	22.84 0.58 0.00	24.51 0.60 -0.16	26.87 0.65 -0.06	27.17 0.70 -0.73	35.16 0.86 -0.06	40.17 0.93 0.00	32.42 1.04 0.00	36.90 1.20 0.00	50.43 1.27 0.00	36.21 0.61 0.00	29.27 0.40 0.00	28.58 0.21 -0.05
CPV_VALLEY__CC2 323722	25.71 0.36 0.00	23.15 0.19 0.00	21.34 0.19 0.00	21.14 0.27 0.00	24.62 0.29 0.00	49.02 0.66 0.00	38.29 0.89 0.00	90.52 2.75 0.00	49.48 1.45 0.00	31.40 0.99 0.00	28.30 0.78 0.00	30.18 0.70 0.00	22.84 0.58 0.00	24.51 0.60 -0.16	26.87 0.65 -0.06	27.17 0.70 -0.73	35.16 0.86 -0.06	40.17 0.93 0.00	32.42 1.04 0.00	36.90 1.20 0.00	50.43 1.27 0.00	36.21 0.61 0.00	29.27 0.40 0.00	28.58 0.21 -0.05
CRESCENT__HYD 24018	25.97 0.62 0.00	23.49 0.52 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.98 0.64 0.00	49.41 1.05 0.00	38.46 1.06 0.00	91.17 3.40 0.00	49.73 1.69 0.00	31.49 1.08 0.00	28.35 0.84 0.00	30.14 0.66 0.00	22.73 0.46 0.00	23.80 0.48 0.42	26.61 0.60 0.15	24.39 0.52 1.88	34.92 0.86 0.17	40.25 1.00 0.00	32.32 0.93 0.00	36.90 1.19 0.00	50.32 1.15 0.00	36.30 0.70 0.00	29.24 0.36 0.00	28.44 0.23 0.12
CRICKET__VALLEY_CC1 323756	25.63 0.28 0.00	23.09 0.12 0.00	21.28 0.13 0.00	21.13 0.26 0.00	24.57 0.23 0.00	48.84 0.48 0.00	38.21 0.81 0.00	90.67 2.89 0.00	49.55 1.51 0.00	31.44 1.04 0.00	28.30 0.78 0.00	30.08 0.61 0.00	22.70 0.44 0.00	18.84 0.41 5.31	24.71 0.48 1.93	2.89 0.51 23.36	32.83 0.71 2.10	40.16 0.92 0.00	32.49 1.11 0.00	37.00 1.29 0.00	50.43 1.26 0.00	36.09 0.49 0.00	29.04 0.17 0.00	26.73 -0.07 1.53
CRICKET__VALLEY_CC2 323757	25.63 0.28 0.00	23.09 0.12 0.00	21.28 0.13 0.00	21.13 0.26 0.00	24.57 0.23 0.00	48.84 0.48 0.00	38.21 0.81 0.00	90.67 2.89 0.00	49.55 1.51 0.00	31.44 1.04 0.00	28.30 0.78 0.00	30.08 0.61 0.00	22.70 0.44 0.00	18.84 0.41 5.31	24.71 0.48 1.93	2.89 0.51 23.36	32.83 0.71 2.10	40.16 0.92 0.00	32.49 1.11 0.00	37.00 1.29 0.00	50.43 1.26 0.00	36.09 0.49 0.00	29.04 0.17 0.00	26.73 -0.07 1.53
CRICKET__VALLEY_CC3 323758	25.63 0.28 0.00	23.09 0.12 0.00	21.28 0.13 0.00	21.13 0.26 0.00	24.57 0.23 0.00	48.84 0.48 0.00	38.21 0.81 0.00	90.67 2.89 0.00	49.55 1.51 0.00	31.44 1.04 0.00	28.30 0.78 0.00	30.08 0.61 0.00	22.70 0.44 0.00	18.84 0.41 5.31	24.71 0.48 1.93	2.89 0.51 23.36	32.83 0.71 2.10	40.16 0.92 0.00	32.49 1.11 0.00	37.00 1.29 0.00	50.43 1.26 0.00	36.09 0.49 0.00	29.04 0.17 0.00	26.73 -0.07 1.53
CRUCIBLE__METL_DRP 24180	25.31 -0.04 0.00	22.89 -0.07 0.00	21.06 -0.08 0.00	20.78 -0.09 0.00	24.30 -0.04 0.00	48.41 0.05 0.00	37.36 -0.04 0.00	87.92 0.14 0.00	47.97 -0.07 0.00	30.22 -0.18 0.00	27.24 -0.28 0.00	29.14 -0.33 0.00	22.02 -0.24 0.00	23.46 -0.28 0.00	25.85 -0.31 0.00	25.44 -0.30 0.00	33.70 -0.53 0.00	38.71 -0.53 0.00	31.11 -0.28 0.00	35.52 -0.19 0.00	48.91 -0.25 0.00	35.33 -0.27 0.00	28.69 -0.18 0.00	28.37 0.04 0.00
DAHOWA__HYDRO 323763	26.12 0.78 0.00	23.62 0.66 0.00	21.75 0.61 0.00	21.56 0.69 0.00	25.16 0.82 0.00	49.93 1.57 0.00	38.95 1.55 0.00	92.57 4.80 0.00	50.46 2.42 0.00	31.91 1.51 0.00	28.78 1.26 0.00	30.60 1.13 0.00	23.02 0.76 0.00	24.15 0.74 0.34	26.96 0.93 0.12	25.13 0.91 1.52	35.51 1.42 0.14	40.94 1.71 0.00	32.85 1.46 0.00	37.53 1.82 0.00	51.17 2.00 0.00	36.77 1.17 0.00	29.64 0.77 0.00	28.83 0.59 0.10
DANC__LFGE 323619	24.23 -1.12 0.00	21.98 -0.99 0.00	20.21 -0.93 0.00	19.97 -0.90 0.00	23.36 -0.97 0.00	46.46 -1.90 0.00	36.21 -1.19 0.00	85.17 -2.60 0.00	46.13 -1.91 0.00	29.21 -1.19 0.00	26.29 -1.23 0.00	28.21 -1.26 0.00	21.17 -1.09 0.00	22.65 -1.10 0.00	25.11 -1.05 0.00	24.65 -1.09 0.00	32.86 -1.37 0.00	37.95 -1.29 0.00	30.39 -0.99 0.00	34.72 -1.00 0.00	47.93 -1.24 0.00	34.49 -1.11 0.00	28.10 -0.78 0.00	27.59 -0.74 0.00
DANSKAMMER__1 23586	26.10 0.75 0.00	23.50 0.54 0.00	21.65 0.51 0.00	21.46 0.60 0.00	25.00 0.66 0.00	49.82 1.46 0.00	38.97 1.57 0.00	92.27 4.50 0.00	50.47 2.43 0.00	32.04 1.63 0.00	28.88 1.36 0.00	30.76 1.28 0.00	23.25 0.99 0.00	24.92 1.02 -0.15	27.37 1.14 -0.07	27.81 1.19 -0.88	35.85 1.54 -0.08	40.98 1.75 0.00	33.11 1.72 0.00	37.69 1.98 0.00	51.46 2.30 0.00	36.87 1.27 0.00	29.75 0.88 0.00	29.00 0.62 -0.04
DANSKAMMER__2 23589	26.10 0.75 0.00	23.50 0.54 0.00	21.65 0.51 0.00	21.46 0.60 0.00	25.00 0.66 0.00	49.82 1.46 0.00	38.97 1.57 0.00	92.27 4.50 0.00	50.47 2.43 0.00	32.04 1.63 0.00	28.88 1.36 0.00	30.76 1.28 0.00	23.25 0.99 0.00	24.92 1.02 -0.15	27.37 1.14 -0.07	27.81 1.19 -0.88	35.85 1.54 -0.08	40.98 1.75 0.00	33.11 1.72 0.00	37.69 1.98 0.00	51.46 2.30 0.00	36.87 1.27 0.00	29.75 0.88 0.00	29.00 0.62 -0.04
DANSKAMMER__3 23590	26.10 0.75 0.00	23.50 0.54 0.00	21.65 0.51 0.00	21.46 0.60 0.00	25.00 0.66 0.00	49.82 1.46 0.00	38.97 1.57 0.00	92.27 4.50 0.00	50.47 2.43 0.00	32.04 1.63 0.00	28.88 1.36 0.00	30.76 1.28 0.00	23.25 0.99 0.00	24.92 1.02 -0.15	27.37 1.14 -0.07	27.81 1.19 -0.88	35.85 1.54 -0.08	40.98 1.75 0.00	33.11 1.72 0.00	37.69 1.98 0.00	51.46 2.30 0.00	36.87 1.27 0.00	29.75 0.88 0.00	29.00 0.62 -0.04

DANSKAMMER___4 23591	26.10 0.75 0.00	23.50 0.54 0.00	21.65 0.51 0.00	21.46 0.60 0.00	25.00 0.66 0.00	49.82 1.46 0.00	38.97 1.57 0.00	92.27 4.50 0.00	50.47 2.43 0.00	32.04 1.63 0.00	28.88 1.36 0.00	30.76 1.28 0.00	23.25 0.99 0.00	24.92 1.02 -0.15	27.37 1.14 -0.07	27.81 1.19 -0.88	35.85 1.54 -0.08	40.98 1.75 0.00	33.11 1.72 0.00	37.69 1.98 0.00	51.46 2.30 0.00	36.87 1.27 0.00	29.75 0.88 0.00	29.00 0.62 -0.04
DANSKAMMER___DIESEL 23592	26.10 0.75 0.00	23.50 0.54 0.00	21.65 0.51 0.00	21.46 0.60 0.00	25.00 0.66 0.00	49.82 1.46 0.00	38.97 1.57 0.00	92.28 4.51 0.00	50.47 2.43 0.00	32.04 1.64 0.00	28.88 1.36 0.00	30.76 1.29 0.00	23.24 0.98 0.00	24.92 1.02 -0.15	27.37 1.14 -0.07	27.81 1.19 -0.88	35.85 1.54 -0.08	40.98 1.74 0.00	33.11 1.73 0.00	37.70 1.99 0.00	51.46 2.30 0.00	36.87 1.27 0.00	29.75 0.88 0.00	29.00 0.63 -0.04
DARBY___SOLAR 323810	26.11 0.76 0.00	23.61 0.64 0.00	21.74 0.59 0.00	21.54 0.68 0.00	25.13 0.79 0.00	49.86 1.50 0.00	38.88 1.48 0.00	92.27 4.50 0.00	50.31 2.27 0.00	31.84 1.44 0.00	28.70 1.18 0.00	30.52 1.05 0.00	22.97 0.71 0.00	24.08 0.69 0.36	26.91 0.88 0.13	25.01 0.85 1.59	35.39 1.31 0.14	40.82 1.58 0.00	32.75 1.37 0.00	37.42 1.71 0.00	51.03 1.87 0.00	36.70 1.10 0.00	29.60 0.72 0.00	28.79 0.56 0.10
DASHVILLE___HYD 23610	25.71 0.36 0.00	23.14 0.18 0.00	21.34 0.19 0.00	21.15 0.28 0.00	24.61 0.27 0.00	49.07 0.71 0.00	38.38 0.98 0.00	90.84 3.06 0.00	49.70 1.67 0.00	31.58 1.17 0.00	28.48 0.96 0.00	30.35 0.87 0.00	22.93 0.67 0.00	24.55 0.73 -0.07	26.95 0.76 -0.04	27.06 0.87 -0.44	35.29 1.02 -0.04	40.39 1.15 0.00	32.64 1.26 0.00	37.14 1.43 0.00	50.73 1.56 0.00	36.32 0.73 0.00	29.33 0.45 0.00	28.58 0.23 -0.02
DEERFIELD_69_KV_DEERFIELD LD 355887	27.60 1.63 -0.62	24.18 1.22 0.00	22.43 1.29 0.00	22.33 1.46 0.00	25.84 1.50 0.00	51.98 3.62 0.00	40.44 3.04 0.00	94.78 7.01 0.00	47.92 3.05 3.16	18.83 2.10 13.67	29.62 2.10 0.00	31.58 2.08 -0.02	22.65 1.49 1.09	25.80 1.62 -0.43	27.73 1.81 0.24	30.50 2.01 -2.74	43.36 2.92 -6.21	42.28 3.04 0.00	35.06 3.23 -0.45	39.13 3.42 0.00	53.23 4.07 0.00	37.56 1.96 0.00	30.26 1.39 0.00	29.77 1.39 -0.05
DELAWARE___LFGE 323621	25.75 0.40 0.00	23.23 0.27 0.00	21.43 0.29 0.00	21.17 0.30 0.00	24.71 0.38 0.00	49.33 0.97 0.00	38.35 0.95 0.00	90.34 2.56 0.00	49.43 1.39 0.00	31.27 0.86 0.00	28.14 0.62 0.00	30.07 0.60 0.00	22.74 0.48 0.00	24.24 0.49 0.00	26.71 0.55 0.00	26.32 0.58 0.00	34.89 0.66 0.00	40.03 0.79 0.00	32.17 0.79 0.00	36.70 0.99 0.00	50.39 1.23 0.00	36.31 0.71 0.00	29.41 0.54 0.00	28.81 0.48 0.00
DERFIELD_115KV_TB7 355931	25.39 0.04 0.00	22.96 0.00 0.00	21.14 0.00 0.00	20.89 0.03 0.00	24.37 0.03 0.00	48.41 0.05 0.00	37.54 0.14 0.00	88.33 0.56 0.00	48.32 0.29 0.00	30.61 0.21 0.00	27.66 0.13 0.00	29.56 0.08 0.00	22.31 0.05 0.00	23.80 0.05 0.00	26.21 0.05 0.00	25.79 0.05 0.00	34.30 0.07 0.00	39.32 0.08 0.00	31.54 0.15 0.00	35.92 0.21 0.00	49.35 0.18 0.00	35.64 0.04 0.00	28.85 -0.03 0.00	28.30 -0.04 0.00
DOGLEVILLE___HYD 23807	25.11 -0.24 0.00	22.59 -0.38 0.00	20.84 -0.31 0.00	20.65 -0.22 0.00	24.09 -0.25 0.00	47.87 -0.49 0.00	37.51 0.11 0.00	89.71 1.93 0.00	48.87 0.84 0.00	31.08 0.68 0.00	27.94 0.41 0.00	29.60 0.13 0.00	22.19 -0.07 0.00	23.66 -0.09 0.00	26.19 0.03 0.00	25.77 0.03 0.00	34.25 0.01 0.00	39.34 0.10 0.00	31.69 0.30 0.00	36.38 0.67 0.00	49.67 0.50 0.00	35.63 0.03 0.00	28.57 -0.30 0.00	27.80 -0.53 0.00
DUNKIRK___115KV_TB_200 55889	24.27 -1.08 0.00	21.94 -1.03 0.00	20.09 -1.05 0.00	19.74 -1.12 0.00	23.61 -0.73 0.00	47.55 -0.81 0.00	36.00 -1.39 0.00	85.04 -2.73 0.00	46.54 -1.50 0.00	28.94 -1.46 0.00	26.03 -1.49 0.00	27.94 -1.54 0.00	21.22 -1.04 0.00	22.58 -1.17 0.00	24.70 -1.46 0.00	24.38 -1.37 0.00	31.95 -2.28 0.00	36.60 -2.64 0.00	29.17 -2.21 0.00	33.53 -2.18 0.00	47.17 -1.99 0.00	34.36 -1.24 0.00	28.22 -0.66 0.00	28.21 -0.12 0.00
DUNKIRK___1 23563	24.27 -1.08 0.00	21.94 -1.03 0.00	20.09 -1.05 0.00	19.74 -1.12 0.00	23.61 -0.73 0.00	47.55 -0.81 0.00	36.00 -1.39 0.00	85.04 -2.73 0.00	46.54 -1.50 0.00	28.94 -1.46 0.00	26.03 -1.49 0.00	27.94 -1.54 0.00	21.22 -1.04 0.00	22.58 -1.17 0.00	24.70 -1.46 0.00	24.38 -1.37 0.00	31.95 -2.28 0.00	36.60 -2.64 0.00	29.17 -2.21 0.00	33.53 -2.18 0.00	47.17 -1.99 0.00	34.36 -1.24 0.00	28.22 -0.66 0.00	28.21 -0.12 0.00
DUNKIRK___2 23564	24.27 -1.08 0.00	21.94 -1.03 0.00	20.09 -1.05 0.00	19.74 -1.12 0.00	23.61 -0.73 0.00	47.55 -0.81 0.00	36.00 -1.39 0.00	85.04 -2.73 0.00	46.54 -1.50 0.00	28.94 -1.46 0.00	26.03 -1.49 0.00	27.94 -1.54 0.00	21.22 -1.04 0.00	22.58 -1.17 0.00	24.70 -1.46 0.00	24.38 -1.37 0.00	31.95 -2.28 0.00	36.60 -2.64 0.00	29.17 -2.21 0.00	33.53 -2.18 0.00	47.17 -1.99 0.00	34.36 -1.24 0.00	28.22 -0.66 0.00	28.21 -0.12 0.00
DUNKIRK___3 23565	24.29 -1.06 0.00	21.97 -1.00 0.00	20.09 -1.05 0.00	19.76 -1.11 0.00	23.59 -0.74 0.00	47.44 -0.92 0.00	35.96 -1.44 0.00	85.06 -2.71 0.00	46.47 -1.56 0.00	28.89 -1.52 0.00	25.97 -1.55 0.00	27.86 -1.62 0.00	21.18 -1.08 0.00	22.55 -1.20 0.00	24.70 -1.46 0.00	24.41 -1.33 0.00	31.98 -2.25 0.00	36.66 -2.58 0.00	29.22 -2.16 0.00	33.57 -2.15 0.00	47.15 -2.01 0.00	34.30 -1.30 0.00	28.15 -0.72 0.00	28.10 -0.23 0.00
DUNKIRK___4 23566	24.30 -1.05 0.00	21.99 -0.98 0.00	20.11 -1.04 0.00	19.77 -1.10 0.00	23.60 -0.73 0.00	47.47 -0.89 0.00	35.93 -1.47 0.00	84.95 -2.82 0.00	46.47 -1.57 0.00	28.88 -1.53 0.00	25.97 -1.55 0.00	27.88 -1.60 0.00	21.17 -1.09 0.00	22.52 -1.23 0.00	24.64 -1.52 0.00	24.33 -1.42 0.00	31.88 -2.35 0.00	36.53 -2.72 0.00	29.11 -2.27 0.00	33.47 -2.25 0.00	47.10 -2.07 0.00	34.28 -1.32 0.00	28.17 -0.70 0.00	28.17 -0.16 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	26.07 0.72 0.00	23.44 0.48 0.00	21.61 0.46 0.00	21.42 0.56 0.00	24.93 0.59 0.00	49.74 1.38 0.00	38.93 1.54 0.00	92.11 4.34 0.00	50.37 2.33 0.00	32.04 1.64 0.00	28.89 1.36 0.00	30.76 1.29 0.00	23.28 1.02 0.00	25.02 1.06 -0.21	27.42 1.19 -0.08	27.91 1.24 -0.93	35.85 1.53 -0.08	40.88 1.64 0.00	33.08 1.70 0.00	37.62 1.90 0.00	51.33 2.17 0.00	36.77 1.17 0.00	29.73 0.85 0.00	28.98 0.59 -0.06
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.97 0.62 0.00	23.38 0.41 0.00	21.55 0.40 0.00	21.35 0.49 0.00	24.87 0.53 0.00	49.57 1.21 0.00	38.75 1.34 0.00	91.68 3.91 0.00	50.13 2.10 0.00	31.83 1.43 0.00	28.69 1.17 0.00	30.57 1.10 0.00	23.11 0.85 0.00	24.79 0.89 -0.16	27.21 0.98 -0.07	27.61 1.04 -0.82	35.63 1.32 -0.07	40.71 1.47 0.00	32.88 1.50 0.00	37.43 1.72 0.00	51.12 1.95 0.00	36.65 1.04 0.00	29.60 0.72 0.00	28.88 0.50 -0.04

E179THST_138_KV_TB4_REV_LBMP_J 345001	26.13 0.78 0.00	23.49 0.52 0.00	21.68 0.53 0.00	21.49 0.63 0.00	24.94 0.61 0.00	49.87 1.51 0.00	39.03 1.63 0.00	92.09 4.32 0.00	50.47 2.43 0.00	32.14 1.73 0.00	28.93 1.41 0.00	30.82 1.35 0.00	23.35 1.09 0.00	25.08 1.13 -0.21	27.48 1.25 -0.08	27.97 1.30 -0.93	35.84 1.52 -0.08	40.84 1.60 0.00	33.12 1.74 0.00	37.60 1.88 0.00	51.36 2.19 0.00	36.77 1.17 0.00	29.77 0.89 0.00	28.97 0.58 -0.06
E179THST_13_KV_LOAD 356214	26.24 0.89 0.00	23.58 0.61 0.00	21.75 0.61 0.00	21.57 0.70 0.00	25.02 0.69 0.00	50.07 1.70 0.00	39.18 1.78 0.00	92.49 4.72 0.00	50.69 2.65 0.00	32.28 1.87 0.00	29.07 1.55 0.00	30.96 1.48 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.10 1.43 -0.93	36.00 1.69 -0.08	41.04 1.80 0.00	33.28 1.89 0.00	37.77 2.06 0.00	51.60 2.43 0.00	36.94 1.34 0.00	29.90 1.02 0.00	29.10 0.71 -0.06
EAST HAMPTON___GT 23717	27.57 1.60 -0.62	24.17 1.20 0.00	22.45 1.31 0.00	22.39 1.52 0.00	25.87 1.53 0.00	52.13 3.77 0.00	40.59 3.19 0.00	95.27 7.50 0.00	48.14 3.28 3.17	18.96 2.26 13.70	29.73 2.21 0.00	31.69 2.20 -0.02	22.74 1.58 1.09	25.90 1.73 -0.43	27.88 1.95 0.24	30.63 2.14 -2.75	43.56 3.11 -6.21	42.49 3.25 0.00	35.25 3.41 -0.45	39.35 3.64 0.00	53.49 4.33 0.00	37.74 2.14 0.00	30.39 1.52 0.00	29.90 1.51 -0.05
EAST RIVER___6 23660	26.07 0.72 0.00	23.42 0.46 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.89 0.55 0.00	49.86 1.50 0.00	38.95 1.56 0.00	92.16 4.39 0.00	50.49 2.45 0.00	32.22 1.81 0.00	29.02 1.50 0.00	30.90 1.43 0.00	23.41 1.14 0.00	25.16 1.20 -0.21	27.56 1.32 -0.08	28.05 1.38 -0.93	35.94 1.63 -0.08	40.92 1.68 0.00	33.14 1.75 0.00	37.63 1.91 0.00	51.30 2.13 0.00	36.73 1.13 0.00	29.75 0.88 0.00	28.95 0.56 -0.06
EAST RIVER___7 23524	26.07 0.72 0.00	23.42 0.46 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.89 0.55 0.00	49.86 1.50 0.00	38.95 1.56 0.00	92.16 4.39 0.00	50.49 2.45 0.00	32.22 1.81 0.00	29.02 1.50 0.00	30.90 1.43 0.00	23.41 1.14 0.00	25.16 1.20 -0.21	27.56 1.32 -0.08	28.05 1.38 -0.93	35.94 1.63 -0.08	40.92 1.68 0.00	33.14 1.75 0.00	37.63 1.91 0.00	51.30 2.13 0.00	36.73 1.13 0.00	29.75 0.88 0.00	28.95 0.56 -0.06
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	26.05 0.70 0.00	23.42 0.46 0.00	21.59 0.45 0.00	21.40 0.54 0.00	24.91 0.58 0.00	49.70 1.34 0.00	38.89 1.49 0.00	92.02 4.25 0.00	50.32 2.28 0.00	31.99 1.58 0.00	28.83 1.31 0.00	30.71 1.24 0.00	23.23 0.97 0.00	24.98 1.02 -0.21	27.37 1.13 -0.08	27.86 1.19 -0.93	35.79 1.48 -0.08	40.83 1.58 0.00	33.03 1.64 0.00	37.57 1.85 0.00	51.25 2.09 0.00	36.73 1.13 0.00	29.68 0.81 0.00	28.94 0.55 -0.06
EAST_HAMPTON___DIESEL 23722	27.53 1.56 -0.62	24.14 1.17 0.00	22.43 1.29 0.00	22.37 1.51 0.00	25.85 1.51 0.00	52.12 3.76 0.00	40.58 3.18 0.00	95.27 7.50 0.00	48.13 3.26 3.17	18.96 2.26 13.70	29.73 2.21 0.00	31.69 2.20 -0.02	22.74 1.58 1.09	25.90 1.73 -0.43	27.88 1.96 0.24	30.63 2.15 -2.75	43.56 3.12 -6.21	42.49 3.25 0.00	35.25 3.42 -0.45	39.36 3.65 0.00	53.51 4.35 0.00	37.74 2.14 0.00	30.40 1.53 0.00	29.91 1.52 -0.05
EAST_PULASKI___ESR 323781	24.74 -0.61 0.00	22.39 -0.57 0.00	20.60 -0.55 0.00	20.34 -0.53 0.00	23.78 -0.55 0.00	47.27 -1.09 0.00	36.59 -0.81 0.00	86.06 -1.71 0.00	46.82 -1.21 0.00	29.56 -0.85 0.00	26.61 -0.92 0.00	28.46 -1.02 0.00	21.43 -0.83 0.00	22.88 -0.87 0.00	25.27 -0.89 0.00	24.84 -0.90 0.00	32.99 -1.24 0.00	38.00 -1.24 0.00	30.53 -0.85 0.00	34.88 -0.83 0.00	48.07 -1.09 0.00	34.70 -0.90 0.00	28.20 -0.67 0.00	27.83 -0.50 0.00
EAST_RIVER___1 323558	26.08 0.73 0.00	23.43 0.47 0.00	21.60 0.45 0.00	21.41 0.54 0.00	24.90 0.56 0.00	49.79 1.43 0.00	38.95 1.55 0.00	92.14 4.36 0.00	50.44 2.40 0.00	32.15 1.75 0.00	28.97 1.45 0.00	30.86 1.39 0.00	23.38 1.12 0.00	25.13 1.18 -0.21	27.53 1.29 -0.08	28.03 1.36 -0.93	35.93 1.61 -0.08	40.92 1.68 0.00	33.13 1.75 0.00	37.63 1.92 0.00	51.31 2.14 0.00	36.75 1.15 0.00	29.76 0.88 0.00	28.97 0.58 -0.06
EAST_RIVER___2 323559	26.07 0.72 0.00	23.42 0.46 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.89 0.55 0.00	49.86 1.50 0.00	38.95 1.56 0.00	92.16 4.39 0.00	50.49 2.45 0.00	32.22 1.81 0.00	29.02 1.50 0.00	30.90 1.43 0.00	23.41 1.14 0.00	25.16 1.20 -0.21	27.56 1.32 -0.08	28.05 1.38 -0.93	35.94 1.63 -0.08	40.92 1.68 0.00	33.14 1.75 0.00	37.63 1.91 0.00	51.30 2.13 0.00	36.73 1.13 0.00	29.75 0.88 0.00	28.95 0.56 -0.06
EAST___DELAWARE_HYD 23607	25.93 0.58 0.00	23.53 0.56 0.00	21.71 0.56 0.00	21.51 0.65 0.00	25.08 0.74 0.00	50.08 1.72 0.00	39.13 1.73 0.00	92.48 4.71 0.00	50.59 2.55 0.00	32.13 1.73 0.00	29.05 1.53 0.00	30.97 1.50 0.00	23.40 1.14 0.00	25.07 1.21 -0.11	27.45 1.24 -0.05	27.62 1.31 -0.57	35.96 1.68 -0.05	41.21 1.97 0.00	33.27 1.89 0.00	37.86 2.14 0.00	51.72 2.55 0.00	37.04 1.44 0.00	29.90 1.03 0.00	29.17 0.81 -0.03
EIGHT_POINT___WT_PWR 323820	23.56 -1.84 -0.05	21.98 -1.01 -0.02	19.83 -1.33 -0.02	19.84 -1.10 -0.08	24.01 -0.64 -0.31	47.02 -1.41 -0.07	36.09 -1.31 0.00	85.93 -1.85 0.00	47.15 -0.88 0.00	29.79 -0.61 0.00	26.73 -0.79 0.00	28.44 -1.04 0.00	21.40 -0.86 0.00	22.88 -0.87 0.00	25.46 -0.71 0.00	25.31 -0.54 -0.12	33.09 -1.28 -0.13	38.51 -0.77 -0.03	31.02 -0.47 -0.10	35.72 -0.04 -0.05	49.43 0.25 -0.01	35.83 0.23 0.00	29.45 0.58 0.00	28.94 0.61 0.00
ELBRIDGE_115KV_TB2 80188	25.20 -0.15 0.00	22.79 -0.18 0.00	20.96 -0.18 0.00	20.69 -0.18 0.00	24.19 -0.15 0.00	48.22 -0.14 0.00	37.19 -0.21 0.00	87.50 -0.27 0.00	47.73 -0.31 0.00	30.08 -0.33 0.00	27.13 -0.39 0.00	29.01 -0.47 0.00	21.93 -0.33 0.00	23.34 -0.41 0.00	25.71 -0.45 0.00	25.32 -0.43 0.00	33.52 -0.72 0.00	38.53 -0.71 0.00	30.96 -0.42 0.00	35.36 -0.35 0.00	48.70 -0.47 0.00	35.19 -0.41 0.00	28.57 -0.30 0.00	28.26 -0.07 0.00
ELEC_TRO_TEK 24086	30.74 1.05 -4.34	23.58 0.61 0.00	21.75 0.61 0.00	21.58 0.72 0.00	25.08 0.74 0.00	50.23 1.87 0.00	39.23 1.83 0.00	91.90 4.13 0.00	50.20 2.16 0.00	31.98 1.57 0.00	28.97 1.45 0.00	31.55 1.59 -0.49	25.66 1.24 -2.16	28.27 1.33 -3.19	30.27 1.48 -2.63	45.57 1.50 -18.33	45.04 1.77 -9.04	40.95 1.71 0.00	36.40 2.03 -2.99	37.81 2.10 0.00	51.50 2.32 0.00	36.69 1.09 0.00	29.68 0.80 0.00	29.19 0.79 -0.07
ELLENBURG_WT_PWR 323604	25.10 -0.25 0.00	23.15 0.18 0.00	21.34 0.19 0.00	20.51 -0.36 0.00	24.08 -0.26 0.00	48.44 0.07 0.00	36.97 -0.43 0.00	86.09 -1.69 0.00	46.99 -1.05 0.00	29.87 -0.54 0.00	27.52 -0.01 0.00	29.86 0.38 0.00	22.58 0.32 0.00	24.06 0.32 0.00	26.45 0.29 0.00	26.14 0.40 0.00	35.14 0.90 0.00	40.18 0.94 0.00	31.84 0.45 0.00	36.04 0.32 0.00	49.43 0.27 0.00	36.36 0.76 0.00	29.61 0.73 0.00	28.90 0.57 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.22 -1.13 0.00	21.98 -0.99 0.00	20.04 -1.11 0.00	19.71 -1.15 0.00	23.43 -0.90 0.00	46.94 -1.42 0.00	35.42 -1.99 0.00	83.78 -3.99 0.00	45.80 -2.24 0.00	28.40 -2.00 0.00	25.55 -1.97 0.00	27.45 -2.02 0.00	20.82 -1.44 0.00	22.15 -1.60 0.00	24.27 -1.89 0.00	23.98 -1.76 0.00	31.42 -2.81 0.00	35.96 -3.28 0.00	28.65 -2.74 0.00	32.95 -2.77 0.00	46.37 -2.80 0.00	33.74 -1.86 0.00	27.79 -1.08 0.00	27.85 -0.49 0.00
EMPIRE_CC_1 323656	25.74 0.39 0.00	23.32 0.35 0.00	21.48 0.33 0.00	21.30 0.43 0.00	24.78 0.45 0.00	48.81 0.44 0.00	38.01 0.61 0.00	89.92 2.15 0.00	49.08 1.04 0.00	31.08 0.68 0.00	28.02 0.49 0.00	29.75 0.27 0.00	22.40 0.14 0.00	23.71 0.20 0.24	26.34 0.27 0.09	24.88 0.23 1.08	34.45 0.32 0.10	39.59 0.35 0.00	31.84 0.46 0.00	36.31 0.60 0.00	49.52 0.36 0.00	35.73 0.13 0.00	28.84 -0.03 0.00	28.12 -0.14 0.07
EMPIRE_CC_2 323658	25.74 0.39 0.00	23.32 0.35 0.00	21.48 0.33 0.00	21.30 0.43 0.00	24.78 0.45 0.00	48.81 0.44 0.00	38.01 0.61 0.00	89.92 2.15 0.00	49.08 1.04 0.00	31.08 0.68 0.00	28.02 0.49 0.00	29.75 0.27 0.00	22.40 0.14 0.00	23.71 0.20 0.24	26.34 0.27 0.09	24.88 0.23 1.08	34.45 0.32 0.10	39.59 0.35 0.00	31.84 0.46 0.00	36.31 0.60 0.00	49.52 0.36 0.00	35.73 0.13 0.00	28.84 -0.03 0.00	28.12 -0.14 0.07
ENORWICH_115KV_TB1 80156	26.22 0.87 0.00	23.53 0.56 0.00	21.90 0.75 0.00	21.39 0.53 0.00	25.11 0.78 0.00	50.79 2.43 0.00	39.46 2.06 0.00	92.81 5.04 0.00	50.72 2.69 0.00	31.91 1.50 0.00	28.66 1.14 0.00	30.92 1.45 0.00	23.53 1.27 0.00	25.03 1.28 0.00	27.53 1.37 0.00	26.98 1.24 0.00	35.74 1.51 0.00	40.84 1.60 0.00	33.15 1.77 0.00	38.41 2.70 0.00	52.75 3.58 0.00	38.09 2.49 0.00	30.81 1.94 0.00	30.32 1.99 0.00
ERIE_ST__34_KV_TB1-2 80199	24.74 -0.61 0.00	22.45 -0.51 0.00	20.47 -0.68 0.00	20.15 -0.72 0.00	23.97 -0.37 0.00	48.05 -0.31 0.00	36.34 -1.06 0.00	85.97 -1.80 0.00	47.00 -1.04 0.00	29.18 -1.23 0.00	26.24 -1.28 0.00	28.18 -1.29 0.00	21.38 -0.88 0.00	22.76 -0.99 0.00	24.95 -1.21 0.00	24.66 -1.08 0.00	32.31 -1.92 0.00	37.01 -2.23 0.00	29.51 -1.87 0.00	33.95 -1.76 0.00	47.73 -1.44 0.00	34.67 -0.93 0.00	28.50 -0.38 0.00	28.48 0.15 0.00
ERIE_WT_PWR 323693	24.36 -0.99 0.00	22.07 -0.89 0.00	20.13 -1.02 0.00	19.80 -1.07 0.00	23.55 -0.79 0.00	47.23 -1.13 0.00	35.69 -1.71 0.00	84.49 -3.29 0.00	46.20 -1.84 0.00	28.64 -1.76 0.00	25.77 -1.75 0.00	27.68 -1.79 0.00	20.97 -1.29 0.00	22.33 -1.42 0.00	24.45 -1.71 0.00	24.16 -1.58 0.00	31.64 -2.60 0.00	36.23 -3.01 0.00	28.87 -2.51 0.00	33.20 -2.51 0.00	46.72 -2.45 0.00	33.98 -1.62 0.00	27.99 -0.89 0.00	28.03 -0.30 0.00
ESPRGFLD_115KV_TB1 80157	26.07 0.72 0.00	23.59 0.63 0.00	21.75 0.60 0.00	21.41 0.55 0.00	24.99 0.65 0.00	50.12 1.76 0.00	38.96 1.56 0.00	91.49 3.72 0.00	50.13 2.10 0.00	31.60 1.20 0.00	28.56 1.04 0.00	30.68 1.20 0.00	23.21 0.95 0.00	24.54 0.91 0.12	27.17 1.05 0.04	26.31 1.10 0.52	35.45 1.26 0.05	40.81 1.57 0.00	32.72 1.34 0.00	37.39 1.68 0.00	51.77 2.60 0.00	37.31 1.71 0.00	30.33 1.45 0.00	29.81 1.51 0.03
ETNA_115_KV_TB1_REV_LBMP_C 345029	25.45 0.10 0.00	22.99 0.02 0.00	21.16 0.01 0.00	20.86 -0.01 0.00	24.46 0.13 0.00	48.89 0.53 0.00	37.83 0.43 0.00	89.23 1.45 0.00	48.65 0.62 0.00	30.61 0.20 0.00	27.50 -0.02 0.00	29.45 -0.03 0.00	22.33 0.07 0.00	23.82 0.07 0.00	26.22 0.06 0.00	25.70 -0.04 0.00	34.03 -0.20 0.00	39.11 -0.13 0.00	31.56 0.17 0.00	36.17 0.46 0.00	49.85 0.68 0.00	35.96 0.36 0.00	29.18 0.31 0.00	28.74 0.41 0.00
ETNA____115KV_TB2 80207	25.45 0.10 0.00	22.99 0.02 0.00	21.16 0.01 0.00	20.86 -0.01 0.00	24.46 0.13 0.00	48.89 0.53 0.00	37.83 0.43 0.00	89.23 1.45 0.00	48.65 0.62 0.00	30.61 0.20 0.00	27.50 -0.02 0.00	29.45 -0.03 0.00	22.33 0.07 0.00	23.82 0.07 0.00	26.22 0.06 0.00	25.70 -0.04 0.00	34.03 -0.20 0.00	39.11 -0.13 0.00	31.56 0.17 0.00	36.17 0.46 0.00	49.85 0.68 0.00	35.96 0.36 0.00	29.18 0.31 0.00	28.74 0.41 0.00
EUCLID___115KV_TB2 356179	25.02 -0.33 0.00	22.63 -0.34 0.00	20.81 -0.34 0.00	20.54 -0.33 0.00	24.03 -0.31 0.00	47.82 -0.54 0.00	36.83 -0.57 0.00	86.62 -1.15 0.00	47.32 -0.71 0.00	29.82 -0.58 0.00	26.89 -0.63 0.00	28.78 -0.70 0.00	21.74 -0.52 0.00	23.16 -0.58 0.00	25.52 -0.64 0.00	25.10 -0.64 0.00	33.26 -0.97 0.00	38.18 -1.06 0.00	30.64 -0.74 0.00	34.99 -0.72 0.00	48.23 -0.94 0.00	34.83 -0.77 0.00	28.31 -0.56 0.00	28.02 -0.32 0.00
E_CANADA_CAP_HY 24051	26.35 1.00 0.00	23.91 0.95 0.00	22.01 0.86 0.00	21.66 0.80 0.00	25.29 0.95 0.00	50.65 2.29 0.00	39.31 1.91 0.00	92.35 4.58 0.00	50.67 2.63 0.00	31.90 1.49 0.00	28.91 1.39 0.00	31.03 1.56 0.00	23.43 1.17 0.00	24.65 1.07 0.17	27.41 1.31 0.06	26.37 1.37 0.74	35.78 1.62 0.07	41.35 2.11 0.00	33.09 1.71 0.00	37.76 2.05 0.00	52.36 3.19 0.00	37.73 2.13 0.00	30.67 1.80 0.00	30.10 1.82 0.05
E_CANADA_MHWK_HY 24050	25.11 -0.24 0.00	22.59 -0.38 0.00	20.84 -0.31 0.00	20.65 -0.22 0.00	24.09 -0.25 0.00	47.87 -0.49 0.00	37.51 0.11 0.00	89.71 1.93 0.00	48.87 0.84 0.00	31.08 0.68 0.00	27.94 0.41 0.00	29.60 0.13 0.00	22.19 -0.07 0.00	23.66 -0.09 0.00	26.19 0.03 0.00	25.77 0.03 0.00	34.25 0.01 0.00	39.34 0.10 0.00	31.69 0.30 0.00	36.38 0.67 0.00	49.67 0.50 0.00	35.63 0.03 0.00	28.57 -0.30 0.00	27.80 -0.53 0.00
E_FISHKILL___LBMP 23776	25.85 0.50 0.00	23.28 0.31 0.00	21.46 0.31 0.00	21.28 0.41 0.00	24.76 0.43 0.00	49.32 0.96 0.00	38.55 1.15 0.00	91.24 3.46 0.00	49.90 1.86 0.00	31.68 1.28 0.00	28.56 1.04 0.00	30.40 0.93 0.00	22.97 0.72 0.00	24.71 0.74 -0.22	27.06 0.82 -0.08	27.59 0.87 -0.98	35.42 1.10 -0.09	40.47 1.23 0.00	32.71 1.33 0.00	37.23 1.52 0.00	50.81 1.64 0.00	36.43 0.83 0.00	29.41 0.53 0.00	28.70 0.30 -0.06
FALCON___SEABRD_CC1 323796	25.33 -0.02 0.00	23.33 0.36 0.00	21.53 0.39 0.00	20.75 -0.12 0.00	24.29 -0.04 0.00	48.80 0.43 0.00	37.48 0.08 0.00	87.30 -0.47 0.00	47.43 -0.61 0.00	30.08 -0.33 0.00	27.65 0.13 0.00	29.99 0.52 0.00	22.67 0.41 0.00	24.17 0.42 0.00	26.63 0.48 0.00	26.32 0.58 0.00	35.37 1.14 0.00	40.43 1.19 0.00	32.02 0.63 0.00	36.17 0.46 0.00	49.71 0.54 0.00	36.74 1.13 0.00	29.94 1.07 0.00	29.23 0.90 0.00
FALCON___SEABRD_CC2 323797	25.33 -0.02 0.00	23.33 0.36 0.00	21.53 0.39 0.00	20.75 -0.12 0.00	24.29 -0.04 0.00	48.80 0.43 0.00	37.48 0.08 0.00	87.30 -0.47 0.00	47.43 -0.61 0.00	30.08 -0.33 0.00	27.65 0.13 0.00	29.99 0.52 0.00	22.67 0.41 0.00	24.17 0.42 0.00	26.63 0.48 0.00	26.32 0.58 0.00	35.37 1.14 0.00	40.43 1.19 0.00	32.02 0.63 0.00	36.17 0.46 0.00	49.71 0.54 0.00	36.74 1.13 0.00	29.94 1.07 0.00	29.23 0.90 0.00

FAR ROCKAWAY___4 23548	36.07 1.31 -9.40	23.85 0.88 0.00	22.00 0.85 0.00	21.81 0.95 0.00	25.36 1.02 0.00	50.80 2.43 0.00	39.47 2.07 0.00	92.12 4.35 0.00	50.76 2.73 0.00	32.32 1.92 0.00	29.32 1.79 -0.01	32.55 1.98 -1.11	30.37 1.52 -6.59	32.36 1.64 -6.97	34.52 1.81 -6.55	64.65 1.83 -37.07	45.15 2.12 -8.80	41.16 1.92 0.00	39.76 2.50 -5.87	38.05 2.34 0.00	52.15 2.97 -0.01	37.15 1.55 0.00	30.07 1.18 -0.01	29.59 1.16 -0.09
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	26.10 0.75 0.00	23.46 0.49 0.00	21.62 0.47 0.00	21.43 0.56 0.00	24.91 0.58 0.00	49.81 1.45 0.00	38.98 1.58 0.00	92.20 4.43 0.00	50.48 2.44 0.00	32.17 1.76 0.00	28.99 1.46 0.00	30.88 1.40 0.00	23.39 1.13 0.00	25.14 1.18 -0.21	27.54 1.30 -0.08	28.04 1.36 -0.93	35.94 1.63 -0.08	40.93 1.69 0.00	33.16 1.77 0.00	37.66 1.95 0.00	51.36 2.19 0.00	36.79 1.19 0.00	29.79 0.91 0.00	28.99 0.60 -0.06
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	26.13 0.77 0.00	23.47 0.51 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.94 0.60 0.00	49.84 1.48 0.00	39.01 1.61 0.00	92.27 4.50 0.00	50.50 2.47 0.00	32.19 1.78 0.00	29.00 1.48 0.00	30.90 1.43 0.00	23.40 1.14 0.00	25.16 1.20 -0.21	27.56 1.32 -0.08	28.06 1.38 -0.93	35.96 1.65 -0.08	40.96 1.72 0.00	33.18 1.80 0.00	37.69 1.97 0.00	51.39 2.23 0.00	36.82 1.22 0.00	29.82 0.94 0.00	29.02 0.63 -0.06
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	26.10 0.75 0.00	23.45 0.49 0.00	21.61 0.47 0.00	21.42 0.55 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.97 1.57 0.00	92.16 4.39 0.00	50.45 2.41 0.00	32.16 1.75 0.00	28.98 1.45 0.00	30.87 1.40 0.00	23.38 1.12 0.00	25.14 1.18 -0.21	27.53 1.30 -0.08	28.03 1.36 -0.93	35.93 1.62 -0.08	40.93 1.68 0.00	33.15 1.76 0.00	37.65 1.94 0.00	51.34 2.17 0.00	36.78 1.18 0.00	29.78 0.90 0.00	28.99 0.59 -0.06
FARRAGUT___LBMP 323566	26.08 0.73 0.00	23.43 0.47 0.00	21.60 0.45 0.00	21.41 0.54 0.00	24.89 0.56 0.00	49.77 1.40 0.00	38.95 1.55 0.00	92.09 4.32 0.00	50.41 2.37 0.00	32.13 1.72 0.00	28.95 1.43 0.00	30.84 1.37 0.00	23.36 1.10 0.00	25.11 1.16 0.00	27.51 1.27 -0.08	28.01 1.33 -0.93	35.90 1.58 -0.08	40.89 1.65 0.00	33.12 1.74 0.00	37.61 1.90 0.00	51.29 2.13 0.00	36.75 1.15 0.00	29.76 0.88 0.00	28.97 0.57 -0.06
FENNER___WINDPWR 24204	25.71 0.36 0.00	23.34 0.37 0.00	21.43 0.29 0.00	21.18 0.31 0.00	24.72 0.39 0.00	49.22 0.86 0.00	38.27 0.88 0.00	90.14 2.37 0.00	49.19 1.15 0.00	31.10 0.69 0.00	28.05 0.52 0.00	30.03 0.56 0.00	22.65 0.39 0.00	24.24 0.49 0.00	26.67 0.51 0.00	26.19 0.44 0.00	34.66 0.43 0.00	39.74 0.50 0.00	32.14 0.76 0.00	36.74 1.03 0.00	50.62 1.45 0.00	36.52 0.92 0.00	29.58 0.71 0.00	29.04 0.71 0.00
FIBERTEK___ENERGY 23856	25.31 -0.04 0.00	22.89 -0.07 0.00	21.06 -0.08 0.00	20.78 -0.09 0.00	24.30 -0.04 0.00	48.41 0.05 0.00	37.36 -0.04 0.00	87.92 0.14 0.00	47.97 -0.07 0.00	30.22 -0.18 0.00	27.24 -0.28 0.00	29.14 -0.33 0.00	22.02 -0.24 0.00	23.46 -0.28 0.00	25.85 -0.31 0.00	25.44 -0.30 0.00	33.70 -0.53 0.00	38.71 -0.53 0.00	31.11 -0.28 0.00	35.52 -0.19 0.00	48.91 -0.25 0.00	35.33 -0.27 0.00	28.69 -0.18 0.00	28.37 0.04 0.00
FITZPATRICK___ 23598	24.82 -0.53 0.00	22.47 -0.50 0.00	20.67 -0.48 0.00	20.40 -0.47 0.00	23.83 -0.51 0.00	47.37 -0.99 0.00	36.46 -0.94 0.00	85.65 -2.12 0.00	46.80 -1.23 0.00	29.53 -0.88 0.00	26.66 -0.87 0.00	28.52 -0.95 0.00	21.54 -0.72 0.00	22.95 -0.80 0.00	25.28 -0.88 0.00	24.87 -0.87 0.00	32.99 -1.24 0.00	37.87 -1.38 0.00	30.36 -1.02 0.00	34.64 -1.08 0.00	47.71 -1.46 0.00	34.51 -1.09 0.00	28.04 -0.83 0.00	27.75 -0.58 0.00
FLOWRFLD_69_KV_BK1 356044	27.32 1.33 -0.64	23.86 0.89 0.00	22.05 0.90 0.00	21.87 1.01 0.00	25.36 1.03 0.00	50.87 2.51 0.00	39.63 2.23 0.00	92.69 4.91 0.00	50.34 2.41 0.10	31.70 1.73 0.44	29.16 1.64 0.00	31.22 1.73 -0.02	22.48 1.28 1.07	25.59 1.40 -0.45	27.47 1.53 0.22	30.18 1.60 -2.84	42.60 2.15 -6.23	41.36 2.12 0.00	34.30 2.46 -0.46	38.27 2.56 0.00	52.06 2.90 0.00	36.88 1.28 0.00	29.76 0.89 0.00	29.31 0.92 -0.05
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	26.15 0.79 0.00	23.54 0.57 0.00	21.68 0.54 0.00	21.50 0.63 0.00	25.03 0.70 0.00	49.89 1.53 0.00	39.04 1.64 0.00	92.44 4.67 0.00	50.56 2.52 0.00	32.10 1.69 0.00	28.93 1.41 0.00	30.81 1.34 0.00	23.28 1.02 0.00	24.96 1.06 -0.15	27.42 1.19 -0.07	27.87 1.24 -0.89	35.91 1.60 -0.08	41.06 1.82 0.00	33.17 1.79 0.00	37.76 2.05 0.00	51.56 2.39 0.00	36.94 1.34 0.00	29.80 0.92 0.00	29.05 0.67 -0.04
FORT ORANGE___ 23900	26.26 0.91 0.00	23.76 0.79 0.00	21.87 0.72 0.00	21.67 0.80 0.00	25.26 0.92 0.00	49.99 1.63 0.00	38.94 1.54 0.00	92.20 4.43 0.00	50.35 2.32 0.00	31.89 1.49 0.00	28.73 1.21 0.00	30.53 1.05 0.00	22.95 0.69 0.00	24.28 0.78 0.24	27.01 0.94 0.09	25.60 0.94 1.08	35.36 1.23 0.10	40.70 1.46 0.00	32.73 1.35 0.00	37.35 1.63 0.00	51.01 1.84 0.00	36.73 1.13 0.00	29.62 0.75 0.00	28.86 0.60 0.07
FORT_DRUM_COGEN 23780	24.01 -1.34 0.00	21.83 -1.14 0.00	20.08 -1.06 0.00	19.83 -1.04 0.00	23.22 -1.11 0.00	46.27 -2.10 0.00	36.28 -1.12 0.00	85.39 -2.38 0.00	46.00 -2.03 0.00	29.19 -1.22 0.00	26.22 -1.30 0.00	28.17 -1.31 0.00	21.07 -1.19 0.00	22.57 -1.17 0.00	25.09 -1.07 0.00	24.62 -1.12 0.00	32.94 -1.29 0.00	38.17 -1.07 0.00	30.63 -0.75 0.00	34.99 -0.72 0.00	48.39 -0.78 0.00	34.72 -0.88 0.00	28.28 -0.59 0.00	27.63 -0.70 0.00
FOX_HILLS___ESR 323835	26.16 0.81 0.00	23.49 0.52 0.00	21.64 0.49 0.00	21.45 0.58 0.00	24.94 0.60 0.00	49.76 1.40 0.00	38.96 1.57 0.00	92.00 4.23 0.00	50.49 2.46 0.00	32.25 1.84 0.00	28.97 1.45 0.00	30.86 1.38 0.00	23.39 1.13 0.00	25.13 1.17 -0.21	27.53 1.30 -0.08	28.02 1.35 -0.93	35.79 1.57 0.01	40.03 1.61 0.81	33.23 1.85 0.00	37.63 1.92 0.00	51.45 2.28 0.00	36.88 1.28 0.00	29.98 1.10 0.00	29.10 0.71 -0.06
FPL_FAR_ROCK_GT1 24212	36.06 1.30 -9.40	23.85 0.88 0.00	21.99 0.85 0.00	21.81 0.95 0.00	25.36 1.02 0.00	50.79 2.43 0.00	39.47 2.07 0.00	92.12 4.35 0.00	50.77 2.73 0.00	32.32 1.92 0.00	29.32 1.79 -0.01	32.55 1.97 -1.11	30.38 1.53 -6.59	32.37 1.65 -6.97	34.54 1.83 -6.55	64.66 1.85 -37.07	45.16 2.12 -8.80	41.17 1.92 0.00	39.76 2.50 -5.87	38.05 2.34 0.00	52.15 2.97 -0.01	37.15 1.55 0.00	30.07 1.18 -0.01	29.59 1.16 -0.09
FPL_FAR_ROCK_GT2 23815	36.06 1.30 -9.40	23.85 0.88 0.00	21.99 0.85 0.00	21.81 0.95 0.00	25.36 1.02 0.00	50.79 2.43 0.00	39.47 2.07 0.00	92.12 4.35 0.00	50.77 2.73 0.00	32.32 1.92 0.00	29.32 1.79 -0.01	32.55 1.97 -1.11	30.38 1.53 -6.59	32.37 1.65 -6.97	34.54 1.83 -6.55	64.66 1.85 -37.07	45.16 2.12 -8.80	41.17 1.92 0.00	39.76 2.50 -5.87	38.05 2.34 0.00	52.15 2.97 -0.01	37.15 1.55 0.00	30.07 1.18 -0.01	29.59 1.16 -0.09

FRANKLIN_FALL_HYD 24054	25.17 -0.18 0.00	23.16 0.20 0.00	21.35 0.21 0.00	20.64 -0.23 0.00	24.17 -0.16 0.00	48.51 0.14 0.00	37.13 -0.27 0.00	86.67 -1.11 0.00	47.36 -0.68 0.00	30.00 -0.40 0.00	27.52 0.00 0.00	29.84 0.37 0.00	22.56 0.30 0.00	24.10 0.35 0.00	26.51 0.36 0.00	26.18 0.43 0.00	35.15 0.92 0.00	40.23 0.99 0.00	31.86 0.47 0.00	36.10 0.39 0.00	49.68 0.52 0.00	36.47 0.87 0.00	29.67 0.79 0.00	28.91 0.58 0.00
FREEPORT_EQUS_GT1 23764	30.40 1.19 -3.87	23.71 0.75 0.00	21.87 0.73 0.00	21.70 0.84 0.00	25.21 0.88 0.00	50.54 2.18 0.00	39.47 2.07 0.00	92.44 4.67 0.00	50.47 2.43 0.00	32.13 1.72 0.00	29.11 1.59 0.00	31.63 1.73 -0.42	25.35 1.33 -1.75	28.04 1.44 -2.85	30.03 1.59 -2.27	42.96 1.64 -15.59	43.62 2.01 -7.37	41.19 1.95 0.00	35.95 2.26 -2.31	38.07 2.36 0.00	51.84 2.68 0.00	36.92 1.32 0.00	29.83 0.95 0.00	29.34 0.94 -0.07
FREEPORT___CT2 23818	30.40 1.19 -3.87	23.71 0.75 0.00	21.87 0.73 0.00	21.70 0.84 0.00	25.21 0.88 0.00	50.54 2.18 0.00	39.47 2.07 0.00	92.44 4.67 0.00	50.47 2.43 0.00	32.13 1.72 0.00	29.11 1.59 0.00	31.63 1.73 -0.42	25.35 1.33 -1.75	28.04 1.44 -2.85	30.03 1.59 -2.27	42.96 1.64 -15.59	43.62 2.01 -7.37	41.19 1.95 0.00	35.95 2.26 -2.31	38.07 2.36 0.00	51.84 2.68 0.00	36.92 1.32 0.00	29.83 0.95 0.00	29.34 0.94 -0.07
FRESHKLS_33_KV_LOAD 356253	26.09 0.74 0.00	23.43 0.47 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.88 0.54 0.00	49.55 1.19 0.00	38.79 1.40 0.00	91.39 3.62 0.00	50.28 2.24 0.00	32.17 1.76 0.00	28.84 1.32 0.00	30.69 1.21 0.00	23.27 1.01 0.00	24.99 1.03 -0.21	27.40 1.16 -0.08	27.89 1.22 -0.93	35.60 1.42 0.05	39.51 1.45 1.18	33.20 1.81 0.00	37.49 1.78 0.00	51.24 2.07 0.00	36.78 1.19 0.00	30.03 1.16 0.00	29.07 0.68 -0.06
FULTON COGEN____ 23766	24.98 -0.37 0.00	22.59 -0.38 0.00	20.77 -0.38 0.00	20.51 -0.35 0.00	23.99 -0.35 0.00	47.70 -0.66 0.00	36.76 -0.64 0.00	86.44 -1.33 0.00	47.18 -0.85 0.00	29.71 -0.70 0.00	26.77 -0.75 0.00	28.62 -0.85 0.00	21.60 -0.66 0.00	23.06 -0.69 0.00	25.38 -0.78 0.00	24.99 -0.75 0.00	33.10 -1.13 0.00	38.02 -1.22 0.00	30.55 -0.83 0.00	34.92 -0.79 0.00	48.11 -1.06 0.00	34.73 -0.87 0.00	28.21 -0.67 0.00	27.93 -0.40 0.00
FULTON___LFGE 323630	27.57 2.22 0.00	24.94 1.98 0.00	22.93 1.79 0.00	22.59 1.73 0.00	26.42 2.08 0.00	52.95 4.59 0.00	41.41 4.01 0.00	97.97 10.20 0.00	53.61 5.57 0.00	33.73 3.32 0.00	30.52 3.00 0.00	32.36 2.89 0.00	24.43 2.17 0.00	25.43 1.87 0.19	28.61 2.52 0.07	27.45 2.55 0.84	37.22 3.06 0.08	43.44 4.21 0.00	34.93 3.55 0.00	39.95 4.24 0.00	55.21 6.04 0.00	39.52 3.92 0.00	31.96 3.08 0.00	31.22 2.94 0.05
G.F.CEMENT___DRP 24184	26.18 0.83 0.00	23.67 0.71 0.00	21.80 0.65 0.00	21.60 0.74 0.00	25.23 0.89 0.00	50.15 1.79 0.00	39.18 1.78 0.00	93.32 5.54 0.00	50.81 2.77 0.00	32.14 1.73 0.00	29.00 1.48 0.00	30.84 1.37 0.00	23.16 0.90 0.00	24.28 0.84 0.31	27.14 1.10 0.12	25.44 1.10 1.40	35.84 1.73 0.13	41.32 2.08 0.00	33.12 1.74 0.00	37.86 2.14 0.00	51.58 2.42 0.00	36.97 1.37 0.00	29.83 0.95 0.00	28.99 0.75 0.09
GARDENVILLE___LBMP 24039	24.26 -1.09 0.00	22.01 -0.95 0.00	20.08 -1.07 0.00	19.75 -1.12 0.00	23.49 -0.84 0.00	47.09 -1.27 0.00	35.57 -1.83 0.00	84.19 -3.58 0.00	46.02 -2.01 0.00	28.54 -1.86 0.00	25.67 -1.85 0.00	27.58 -1.90 0.00	20.92 -1.34 0.00	22.25 -1.50 0.00	24.37 -1.79 0.00	24.07 -1.67 0.00	31.53 -2.70 0.00	36.10 -3.14 0.00	28.77 -2.62 0.00	33.09 -2.63 0.00	46.56 -2.60 0.00	33.86 -1.74 0.00	27.90 -0.98 0.00	27.94 -0.39 0.00
GARDNVLA_35_KV_LD 355827	24.37 -0.98 0.00	22.10 -0.86 0.00	20.15 -1.00 0.00	19.82 -1.05 0.00	23.58 -0.76 0.00	47.29 -1.08 0.00	35.74 -1.66 0.00	84.63 -3.15 0.00	46.28 -1.76 0.00	28.70 -1.70 0.00	25.81 -1.71 0.00	27.74 -1.74 0.00	21.03 -1.23 0.00	22.37 -1.37 0.00	24.51 -1.65 0.00	24.22 -1.52 0.00	31.72 -2.51 0.00	36.30 -2.94 0.00	28.92 -2.46 0.00	33.26 -2.45 0.00	46.81 -2.36 0.00	34.05 -1.55 0.00	28.04 -0.84 0.00	28.08 -0.26 0.00
GELCKHM___115KV_LOAD 80723	25.13 -0.22 0.00	22.73 -0.24 0.00	20.91 -0.24 0.00	20.63 -0.24 0.00	24.13 -0.20 0.00	48.04 -0.32 0.00	37.03 -0.37 0.00	87.13 -0.64 0.00	47.58 -0.46 0.00	29.97 -0.43 0.00	27.03 -0.49 0.00	28.92 -0.55 0.00	21.85 -0.41 0.00	23.28 -0.46 0.00	25.65 -0.51 0.00	25.23 -0.51 0.00	33.44 -0.79 0.00	38.39 -0.85 0.00	30.83 -0.55 0.00	35.20 -0.51 0.00	48.50 -0.67 0.00	35.04 -0.56 0.00	28.45 -0.42 0.00	28.15 -0.18 0.00
GENERAL___MILLS 23808	24.34 -1.01 0.00	22.08 -0.88 0.00	20.13 -1.01 0.00	19.80 -1.06 0.00	23.56 -0.78 0.00	47.24 -1.12 0.00	35.69 -1.72 0.00	84.45 -3.32 0.00	46.19 -1.85 0.00	28.64 -1.76 0.00	25.76 -1.76 0.00	27.68 -1.80 0.00	20.99 -1.27 0.00	22.33 -1.42 0.00	24.46 -1.70 0.00	24.16 -1.57 0.00	31.65 -2.58 0.00	36.23 -3.01 0.00	28.87 -2.52 0.00	33.20 -2.51 0.00	46.72 -2.45 0.00	33.99 -1.61 0.00	27.99 -0.88 0.00	28.03 -0.30 0.00
GE_PLASTICS___DRP 24183	25.93 0.59 0.00	23.45 0.48 0.00	21.59 0.45 0.00	21.39 0.52 0.00	24.92 0.59 0.00	49.40 1.04 0.00	38.43 1.03 0.00	90.82 3.05 0.00	49.63 1.59 0.00	31.45 1.04 0.00	28.34 0.82 0.00	30.17 0.69 0.00	22.72 0.46 0.00	24.10 0.52 0.17	26.71 0.62 0.06	25.61 0.62 0.75	34.97 0.81 0.07	40.19 0.95 0.00	32.31 0.92 0.00	36.82 1.11 0.00	50.37 1.21 0.00	36.28 0.68 0.00	29.31 0.43 0.00	28.59 0.31 0.05
GILBOA___1 23756	25.60 0.25 0.00	23.12 0.15 0.00	21.30 0.15 0.00	21.08 0.21 0.00	24.57 0.24 0.00	48.85 0.49 0.00	37.99 0.60 0.00	89.59 1.82 0.00	48.99 0.95 0.00	31.08 0.67 0.00	28.03 0.50 0.00	29.88 0.41 0.00	22.57 0.30 0.00	24.07 0.32 0.00	26.54 0.38 0.00	26.12 0.38 0.00	34.71 0.48 0.00	39.77 0.53 0.00	31.98 0.60 0.00	36.49 0.78 0.00	49.95 0.79 0.00	35.97 0.37 0.00	29.09 0.21 0.00	28.44 0.11 0.00
GILBOA___2 23757	25.60 0.25 0.00	23.12 0.15 0.00	21.30 0.15 0.00	21.08 0.21 0.00	24.57 0.24 0.00	48.85 0.49 0.00	37.99 0.60 0.00	89.59 1.82 0.00	48.99 0.95 0.00	31.08 0.67 0.00	28.03 0.50 0.00	29.88 0.41 0.00	22.57 0.30 0.00	24.07 0.32 0.00	26.54 0.38 0.00	26.12 0.38 0.00	34.71 0.48 0.00	39.77 0.53 0.00	31.98 0.60 0.00	36.49 0.78 0.00	49.95 0.79 0.00	35.97 0.37 0.00	29.09 0.21 0.00	28.44 0.11 0.00
GILBOA___3 23758	25.60 0.25 0.00	23.12 0.15 0.00	21.30 0.15 0.00	21.08 0.21 0.00	24.57 0.24 0.00	48.85 0.49 0.00	37.99 0.60 0.00	89.59 1.82 0.00	48.99 0.95 0.00	31.08 0.67 0.00	28.03 0.50 0.00	29.88 0.41 0.00	22.57 0.30 0.00	24.07 0.32 0.00	26.54 0.38 0.00	26.12 0.38 0.00	34.71 0.48 0.00	39.77 0.53 0.00	31.98 0.60 0.00	36.49 0.78 0.00	49.95 0.79 0.00	35.97 0.37 0.00	29.09 0.21 0.00	28.44 0.11 0.00

GILBOA___4 23759	25.60 0.25 0.00	23.12 0.15 0.00	21.30 0.15 0.00	21.08 0.21 0.00	24.57 0.24 0.00	48.85 0.49 0.00	37.99 0.60 0.00	89.59 1.82 0.00	48.99 0.95 0.00	31.08 0.67 0.00	28.03 0.50 0.00	29.88 0.41 0.00	22.57 0.30 0.00	24.07 0.32 0.00	26.54 0.38 0.00	26.12 0.38 0.00	34.71 0.48 0.00	39.77 0.53 0.00	31.98 0.60 0.00	36.49 0.78 0.00	49.95 0.79 0.00	35.97 0.37 0.00	29.09 0.21 0.00	28.44 0.11 0.00
GILBOA____ 23599	25.60 0.25 0.00	23.12 0.15 0.00	21.30 0.15 0.00	21.08 0.21 0.00	24.57 0.24 0.00	48.85 0.49 0.00	38.00 0.60 0.00	89.59 1.81 0.00	48.99 0.95 0.00	31.08 0.67 0.00	28.03 0.51 0.00	29.88 0.41 0.00	22.57 0.30 0.00	24.07 0.32 0.00	26.54 0.38 0.00	26.12 0.38 0.00	34.71 0.48 0.00	39.77 0.53 0.00	31.98 0.60 0.00	36.49 0.78 0.00	49.96 0.79 0.00	35.97 0.37 0.00	29.08 0.21 0.00	28.44 0.11 0.00
GINNA____ 23603	23.39 -1.96 0.00	21.19 -1.78 0.00	19.41 -1.73 0.00	19.13 -1.73 0.00	22.54 -1.80 0.00	45.03 -3.33 0.00	34.50 -2.90 0.00	81.29 -6.48 0.00	44.40 -3.63 0.00	27.71 -2.69 0.00	24.90 -2.62 0.00	26.68 -2.80 0.00	20.21 -2.05 0.00	21.55 -2.20 0.00	23.66 -2.50 0.00	23.34 -2.40 0.00	30.89 -3.34 0.00	35.51 -3.73 0.00	28.42 -2.96 0.00	32.56 -3.15 0.00	45.25 -3.92 0.00	32.72 -2.88 0.00	26.67 -2.20 0.00	26.51 -1.83 0.00
GLEN PARK____ 23778	24.11 -1.24 0.00	21.91 -1.06 0.00	20.15 -0.99 0.00	19.90 -0.97 0.00	23.31 -1.03 0.00	46.46 -1.90 0.00	36.43 -0.97 0.00	85.81 -1.96 0.00	46.16 -1.88 0.00	29.27 -1.14 0.00	26.24 -1.28 0.00	28.16 -1.32 0.00	21.02 -1.24 0.00	22.52 -1.23 0.00	25.07 -1.09 0.00	24.56 -1.19 0.00	32.87 -1.36 0.00	38.14 -1.10 0.00	30.74 -0.64 0.00	35.13 -0.58 0.00	48.58 -0.58 0.00	34.84 -0.75 0.00	28.37 -0.51 0.00	27.71 -0.62 0.00
GLENDALE_27_KV_LOAD 356172	26.26 0.91 0.00	23.58 0.62 0.00	21.73 0.59 0.00	21.55 0.68 0.00	25.04 0.71 0.00	50.07 1.71 0.00	39.19 1.79 0.00	92.70 4.92 0.00	50.78 2.75 0.00	32.40 1.99 0.00	29.17 1.64 0.00	31.08 1.61 0.00	23.54 1.28 0.00	25.30 1.34 -0.21	27.72 1.48 -0.08	28.21 1.53 -0.93	36.15 1.83 -0.08	41.18 1.94 0.00	33.37 1.99 0.00	37.90 2.18 0.00	51.73 2.56 0.00	37.05 1.45 0.00	30.00 1.12 0.00	29.18 0.79 -0.06
GLENWOOD_IC_1_G5 23712	29.51 1.25 -2.91	23.62 0.65 0.00	21.78 0.63 0.00	21.60 0.73 0.00	25.12 0.79 0.00	50.25 1.89 0.00	39.27 1.88 0.00	92.48 4.70 0.00	50.55 2.51 0.00	32.18 1.77 0.00	29.08 1.56 0.00	31.40 1.61 -0.31	24.43 1.26 -0.91	27.22 1.33 -2.14	29.17 1.48 -1.53	39.77 1.52 -12.51	44.29 1.85 -8.21	40.98 1.74 0.00	35.29 1.92 -1.99	37.93 2.22 0.00	51.69 2.53 0.00	36.93 1.33 0.00	29.83 0.95 0.00	29.21 0.82 -0.06
GLENWOOD_IC_2_G1 23688	28.36 1.20 -1.82	23.52 0.55 0.00	21.68 0.54 0.00	21.50 0.63 0.00	25.01 0.67 0.00	49.97 1.61 0.00	39.07 1.67 0.00	92.15 4.38 0.00	50.38 2.34 0.00	32.05 1.65 0.00	28.94 1.42 0.00	31.04 1.43 -0.14	23.44 1.13 -0.05	26.34 1.19 -1.41	28.25 1.32 -0.77	31.24 1.36 -4.14	36.42 1.65 -0.53	40.93 1.69 0.00	33.30 1.84 -0.08	37.73 2.02 0.00	51.44 2.27 0.00	36.78 1.18 0.00	29.74 0.86 0.00	29.07 0.68 -0.06
GLENWOOD_IC_3_G1 23689	28.36 1.20 -1.82	23.52 0.55 0.00	21.68 0.54 0.00	21.50 0.63 0.00	25.01 0.67 0.00	49.97 1.61 0.00	39.07 1.67 0.00	92.15 4.38 0.00	50.38 2.34 0.00	32.05 1.65 0.00	28.94 1.42 0.00	31.04 1.43 -0.14	23.44 1.13 -0.05	26.34 1.19 -1.41	28.25 1.32 -0.77	31.24 1.36 -4.14	36.42 1.65 -0.53	40.93 1.69 0.00	33.30 1.84 -0.08	37.73 2.02 0.00	51.44 2.27 0.00	36.78 1.18 0.00	29.74 0.86 0.00	29.07 0.68 -0.06
GLENWOOD___4 23550	29.51 1.25 -2.91	23.62 0.65 0.00	21.78 0.63 0.00	21.60 0.73 0.00	25.12 0.79 0.00	50.25 1.89 0.00	39.27 1.88 0.00	92.48 4.70 0.00	50.55 2.51 0.00	32.18 1.77 0.00	29.08 1.56 0.00	31.40 1.61 -0.31	24.43 1.26 -0.91	27.22 1.33 -2.14	29.17 1.48 -1.53	39.77 1.52 -12.51	44.29 1.85 -8.21	41.03 1.79 0.00	35.33 1.96 -1.99	37.93 2.22 0.00	51.69 2.53 0.00	36.93 1.33 0.00	29.83 0.95 0.00	29.21 0.82 -0.06
GLENWOOD___5 23614	29.51 1.25 -2.91	23.62 0.65 0.00	21.78 0.63 0.00	21.60 0.73 0.00	25.12 0.79 0.00	50.25 1.89 0.00	39.27 1.88 0.00	92.48 4.70 0.00	50.55 2.51 0.00	32.18 1.77 0.00	29.08 1.56 0.00	31.40 1.61 -0.31	24.43 1.26 -0.91	27.22 1.33 -2.14	29.17 1.48 -1.53	39.77 1.52 -12.51	44.29 1.85 -8.21	41.03 1.79 0.00	35.33 1.96 -1.99	37.93 2.22 0.00	51.69 2.53 0.00	36.93 1.33 0.00	29.83 0.95 0.00	29.21 0.82 -0.06
GLOBAL GREEN_PORT_GT1 23814	27.65 1.68 -0.62	24.24 1.27 0.00	22.48 1.34 0.00	22.39 1.53 0.00	25.89 1.56 0.00	52.13 3.76 0.00	40.58 3.18 0.00	95.14 7.37 0.00	48.11 3.25 3.18	18.90 2.24 13.74	29.72 2.20 0.00	31.66 2.17 -0.02	22.73 1.56 1.09	25.88 1.70 -0.43	27.84 1.92 0.24	30.59 2.10 -2.75	43.50 3.05 -6.21	42.41 3.17 0.00	35.20 3.36 -0.45	39.28 3.57 0.00	53.42 4.26 0.00	37.68 2.08 0.00	30.35 1.48 0.00	29.86 1.47 -0.05
GLOBE___DSASP 323697	23.70 -1.65 0.00	21.53 -1.44 0.00	19.59 -1.55 0.00	19.28 -1.59 0.00	22.88 -1.46 0.00	45.58 -2.78 0.00	34.06 -3.34 0.00	80.32 -7.45 0.00	43.90 -4.13 0.00	27.18 -3.23 0.00	24.46 -3.07 0.00	26.30 -3.17 0.00	19.95 -2.32 0.00	21.22 -2.52 0.00	23.27 -2.89 0.00	22.98 -2.76 0.00	30.13 -4.10 0.00	34.46 -4.78 0.00	27.47 -3.91 0.00	31.60 -4.11 0.00	44.51 -4.65 0.00	32.43 -3.17 0.00	26.78 -2.09 0.00	26.92 -1.41 0.00
GOETHSLN___LBMP 323567	25.97 0.62 0.00	23.33 0.37 0.00	21.50 0.36 0.00	21.31 0.44 0.00	24.77 0.43 0.00	49.48 1.12 0.00	38.73 1.33 0.00	91.56 3.79 0.00	50.12 2.08 0.00	31.94 1.53 0.00	28.77 1.25 0.00	30.66 1.18 0.00	23.23 0.97 0.00	24.96 1.00 -0.21	27.35 1.11 -0.08	27.85 1.18 -0.93	35.68 1.37 -0.08	40.55 1.38 0.07	32.91 1.53 0.00	37.38 1.67 0.00	50.97 1.81 0.00	36.53 0.93 0.00	29.59 0.71 0.00	28.82 0.43 -0.06
GOLAH___69_KV_TB 1_2 80279	24.78 -0.57 0.00	22.46 -0.50 0.00	20.53 -0.62 0.00	20.23 -0.63 0.00	23.90 -0.44 0.00	47.78 -0.58 0.00	36.39 -1.01 0.00	85.96 -1.81 0.00	46.98 -1.05 0.00	29.21 -1.19 0.00	26.20 -1.32 0.00	28.08 -1.39 0.00	21.27 -0.99 0.00	22.64 -1.11 0.00	24.88 -1.28 0.00	24.58 -1.17 0.00	32.42 -1.82 0.00	37.22 -2.02 0.00	29.79 -1.59 0.00	34.23 -1.48 0.00	47.77 -1.40 0.00	34.61 -0.99 0.00	28.32 -0.55 0.00	28.21 -0.12 0.00
GOODYEAR_LAKE_HYD 323669	25.90 0.55 0.00	23.38 0.41 0.00	21.57 0.42 0.00	21.29 0.42 0.00	24.84 0.50 0.00	49.68 1.32 0.00	38.65 1.25 0.00	91.01 3.24 0.00	49.80 1.76 0.00	31.47 1.06 0.00	28.35 0.83 0.00	30.36 0.89 0.00	22.98 0.72 0.00	24.48 0.73 0.00	26.96 0.80 0.00	26.57 0.83 0.00	35.20 0.97 0.00	40.38 1.15 0.00	32.46 1.07 0.00	37.07 1.36 0.00	51.03 1.86 0.00	36.77 1.17 0.00	29.80 0.92 0.00	29.24 0.91 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	25.10 -0.25 0.00	22.68 -0.29 0.00	20.86 -0.28 0.00	20.58 -0.29 0.00	24.20 -0.14 0.00	48.29 -0.07 0.00	37.35 -0.05 0.00	88.17 0.40 0.00	48.12 0.08 0.00	30.35 -0.05 0.00	27.36 -0.16 0.00	29.25 -0.22 0.00	22.17 -0.09 0.00	23.65 -0.10 0.00	26.08 -0.08 0.00	25.69 -0.05 0.00	33.95 -0.28 0.00	38.98 -0.26 0.00	31.32 -0.06 0.00	35.78 0.07 0.00	49.28 0.12 0.00	35.60 0.00 0.00	28.89 0.02 0.00	28.40 0.07 0.00
GOUDEY___7 23579	25.12 -0.23 0.00	22.69 -0.28 0.00	20.88 -0.27 0.00	20.60 -0.27 0.00	24.21 -0.12 0.00	48.34 -0.03 0.00	37.39 -0.01 0.00	88.24 0.47 0.00	48.16 0.12 0.00	30.38 -0.02 0.00	27.39 -0.13 0.00	29.28 -0.20 0.00	22.19 -0.07 0.00	23.67 -0.08 0.00	26.10 -0.06 0.00	25.71 -0.03 0.00	33.99 -0.25 0.00	39.01 -0.23 0.00	31.35 -0.03 0.00	35.82 0.11 0.00	49.33 0.17 0.00	35.63 0.03 0.00	28.92 0.05 0.00	28.43 0.09 0.00
GOUDEY___8 23580	25.10 -0.25 0.00	22.68 -0.29 0.00	20.86 -0.28 0.00	20.58 -0.29 0.00	24.20 -0.14 0.00	48.29 -0.07 0.00	37.35 -0.05 0.00	88.17 0.40 0.00	48.12 0.08 0.00	30.35 -0.05 0.00	27.36 -0.16 0.00	29.25 -0.22 0.00	22.17 -0.09 0.00	23.65 -0.10 0.00	26.08 -0.08 0.00	25.69 -0.05 0.00	33.95 -0.28 0.00	38.98 -0.26 0.00	31.32 -0.06 0.00	35.78 0.07 0.00	49.28 0.12 0.00	35.60 0.00 0.00	28.89 0.02 0.00	28.40 0.07 0.00
GOWANUS_GT1_1 24077	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT1_2 24078	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT1_3 24079	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT1_4 24080	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT1_5 24084	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT1_6 24111	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT1_7 24112	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT1_8 24113	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT2_1 24114	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT2_2 24115	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT2_3 24116	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT2_4 24117	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06

GOWANUS_GT2_5 24118	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT2_6 24119	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT2_7 24120	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT2_8 24121	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT3_1 24122	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT3_2 24123	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT3_3 24124	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT3_4 24125	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT3_5 24126	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT3_6 24127	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT3_7 24128	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT3_8 24129	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT4_1 24130	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT4_2 24131	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT4_3 24132	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06

GOWANUS_GT4_4 24133	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT4_5 24134	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT4_6 24135	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT4_7 24136	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GOWANUS_GT4_8 24137	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GREENBSH_115KV_TB3 55895	26.14 0.79 0.00	23.64 0.67 0.00	21.76 0.61 0.00	21.57 0.70 0.00	25.13 0.80 0.00	49.70 1.34 0.00	38.71 1.32 0.00	91.64 3.87 0.00	50.04 2.00 0.00	31.71 1.30 0.00	28.56 1.04 0.00	30.36 0.88 0.00	22.84 0.58 0.00	24.16 0.68 0.26	26.86 0.79 0.10	25.37 0.78 1.16	35.16 1.03 0.10	40.45 1.21 0.00	32.53 1.15 0.00	37.09 1.38 0.00	50.66 1.50 0.00	36.49 0.89 0.00	29.44 0.57 0.00	28.68 0.43 0.07
GREENDGE_115KV_TB5 80291	24.79 -0.56 0.00	22.53 -0.44 0.00	20.63 -0.51 0.00	20.38 -0.48 0.00	24.11 -0.23 0.00	47.92 -0.44 0.00	36.94 -0.45 0.00	87.48 -0.29 0.00	47.64 -0.39 0.00	29.93 -0.47 0.00	26.89 -0.63 0.00	28.72 -0.75 0.00	21.77 -0.49 0.00	23.20 -0.55 0.00	25.65 -0.51 0.00	25.33 -0.41 0.00	33.25 -0.98 0.00	38.25 -0.99 0.00	30.94 -0.45 0.00	35.35 -0.36 0.00	48.96 -0.21 0.00	35.34 -0.26 0.00	29.04 0.16 0.00	28.61 0.28 0.00
GREENIDGE___3 23582	24.79 -0.56 0.00	22.53 -0.44 0.00	20.63 -0.51 0.00	20.38 -0.48 0.00	24.11 -0.23 0.00	47.92 -0.44 0.00	36.94 -0.45 0.00	87.48 -0.29 0.00	47.64 -0.39 0.00	29.93 -0.47 0.00	26.89 -0.63 0.00	28.72 -0.75 0.00	21.77 -0.49 0.00	23.20 -0.55 0.00	25.65 -0.51 0.00	25.33 -0.41 0.00	33.25 -0.98 0.00	38.25 -0.99 0.00	30.94 -0.45 0.00	35.35 -0.36 0.00	48.96 -0.21 0.00	35.34 -0.26 0.00	29.04 0.16 0.00	28.61 0.28 0.00
GREENIDGE___4 23583	24.85 -0.55 -0.05	22.55 -0.44 -0.02	20.65 -0.51 -0.02	20.46 -0.48 -0.08	24.41 -0.23 -0.30	47.98 -0.45 -0.07	36.95 -0.45 0.00	87.47 -0.30 0.00	47.65 -0.39 0.00	29.93 -0.47 0.00	26.90 -0.63 0.00	28.72 -0.76 0.00	21.77 -0.49 0.00	23.20 -0.55 0.00	25.65 -0.51 0.00	25.44 -0.41 -0.11	33.38 -0.98 -0.13	38.28 -0.99 -0.03	31.04 -0.44 -0.10	35.40 -0.36 -0.05	48.97 -0.21 -0.01	35.34 -0.26 0.00	29.03 0.16 0.00	28.61 0.28 0.00
GREENLWN_69_KV_BK 3 55738	27.13 1.05 -0.73	23.60 0.64 0.00	21.78 0.63 0.00	21.60 0.74 0.00	25.08 0.74 0.00	50.19 1.83 0.00	39.11 1.72 0.00	91.51 3.73 0.00	49.91 1.87 0.00	31.79 1.38 0.00	28.83 1.31 0.00	30.94 1.43 -0.03	22.45 1.19 0.99	25.55 1.29 -0.51	27.43 1.42 0.16	30.33 1.40 -3.19	42.17 1.65 -6.28	40.78 1.54 0.00	33.85 1.95 -0.52	37.71 2.00 0.00	51.30 2.14 0.00	36.46 0.85 0.00	29.45 0.57 0.00	29.03 0.65 -0.06
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.20 0.85 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.48 0.61 0.00	24.97 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.32 4.55 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.45 1.19 0.00	25.20 1.25 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.89 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.95 1.35 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
GRISSOM___SOLAR 323813	27.57 2.22 0.00	24.94 1.98 0.00	22.93 1.79 0.00	22.59 1.73 0.00	26.42 2.08 0.00	52.95 4.59 0.00	41.41 4.01 0.00	97.97 10.20 0.00	53.61 5.57 0.00	33.73 3.32 0.00	30.52 3.00 0.00	32.36 2.89 0.00	24.43 2.17 0.00	25.43 1.87 0.19	28.61 2.52 0.07	27.45 2.55 0.84	37.22 3.06 0.08	43.44 4.21 0.00	34.93 3.55 0.00	39.95 4.24 0.00	55.21 6.04 0.00	39.52 3.92 0.00	31.96 3.08 0.00	31.22 2.94 0.05
GROVEVILLE___HYD 323602	26.15 0.79 0.00	23.54 0.57 0.00	21.68 0.54 0.00	21.50 0.63 0.00	25.03 0.70 0.00	49.89 1.53 0.00	39.04 1.64 0.00	92.44 4.67 0.00	50.56 2.52 0.00	32.10 1.69 0.00	28.93 1.41 0.00	30.81 1.34 0.00	23.28 1.02 0.00	24.96 1.06 -0.15	27.42 1.19 -0.07	27.87 1.24 -0.89	35.91 1.60 -0.08	41.06 1.82 0.00	33.17 1.79 0.00	37.76 2.05 0.00	51.56 2.39 0.00	36.94 1.34 0.00	29.80 0.92 0.00	29.05 0.67 -0.04
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	25.31 -0.04 0.00	22.89 -0.07 0.00	21.06 -0.08 0.00	20.78 -0.09 0.00	24.30 -0.04 0.00	48.41 0.05 0.00	37.36 -0.04 0.00	87.92 0.14 0.00	47.97 -0.07 0.00	30.22 -0.18 0.00	27.24 -0.28 0.00	29.14 -0.33 0.00	22.02 -0.24 0.00	23.46 -0.28 0.00	25.85 -0.31 0.00	25.44 -0.30 0.00	33.70 -0.53 0.00	38.71 -0.53 0.00	31.11 -0.28 0.00	35.52 -0.19 0.00	48.91 -0.25 0.00	35.33 -0.27 0.00	28.69 -0.18 0.00	28.37 0.04 0.00
HAMLTNNY_34_KV_TB 80303	25.33 -0.02 0.00	22.92 -0.05 0.00	21.09 -0.06 0.00	20.79 -0.07 0.00	24.33 -0.01 0.00	48.51 0.15 0.00	37.43 0.03 0.00	88.10 0.33 0.00	48.03 0.00 0.00	30.25 -0.16 0.00	27.24 -0.28 0.00	29.14 -0.33 0.00	22.05 -0.21 0.00	23.47 -0.28 0.00	25.85 -0.31 0.00	25.44 -0.30 0.00	33.71 -0.52 0.00	38.74 -0.50 0.00	31.14 -0.25 0.00	35.58 -0.13 0.00	48.99 -0.17 0.00	35.40 -0.20 0.00	28.74 -0.14 0.00	28.42 0.08 0.00

HAMPSHIRE___PAPER_HYD 323593	24.04 -1.31 0.00	21.97 -1.00 0.00	20.23 -0.92 0.00	19.88 -0.99 0.00	23.20 -1.13 0.00	46.21 -2.16 0.00	35.94 -1.46 0.00	84.25 -3.52 0.00	45.78 -2.26 0.00	28.98 -1.42 0.00	26.25 -1.27 0.00	28.33 -1.14 0.00	21.35 -0.91 0.00	22.83 -0.91 0.00	25.24 -0.92 0.00	24.83 -0.92 0.00	33.19 -1.04 0.00	38.19 -1.05 0.00	30.42 -0.96 0.00	34.61 -1.10 0.00	47.91 -1.26 0.00	34.67 -0.93 0.00	28.21 -0.67 0.00	27.52 -0.81 0.00
HARDSCRABBLE_WT_PWR 323673	24.90 -0.45 0.00	22.43 -0.53 0.00	20.71 -0.44 0.00	20.50 -0.37 0.00	23.92 -0.41 0.00	47.59 -0.77 0.00	37.31 -0.09 0.00	89.16 1.39 0.00	48.62 0.58 0.00	30.91 0.51 0.00	27.82 0.30 0.00	29.58 0.11 0.00	22.14 -0.12 0.00	23.63 -0.12 0.00	26.15 -0.01 0.00	25.76 0.01 0.00	34.22 -0.01 0.00	39.24 0.00 0.00	31.54 0.16 0.00	36.25 0.54 0.00	49.66 0.50 0.00	35.67 0.06 0.00	28.64 -0.24 0.00	27.91 -0.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	26.07 0.72 0.00	23.45 0.49 0.00	21.62 0.47 0.00	21.42 0.55 0.00	24.96 0.62 0.00	49.74 1.38 0.00	38.92 1.53 0.00	92.10 4.32 0.00	50.37 2.34 0.00	31.97 1.57 0.00	28.82 1.30 0.00	30.71 1.24 0.00	23.23 0.97 0.00	24.94 1.01 -0.18	27.34 1.11 -0.07	27.74 1.17 -0.82	35.79 1.48 -0.07	40.87 1.63 0.00	33.02 1.64 0.00	37.59 1.87 0.00	51.33 2.16 0.00	36.79 1.19 0.00	29.72 0.85 0.00	29.01 0.63 -0.05
HARSNRAD_115KV_TB1 81005	24.03 -1.32 0.00	21.82 -1.15 0.00	19.85 -1.29 0.00	19.53 -1.34 0.00	23.21 -1.13 0.00	46.41 -1.95 0.00	34.92 -2.47 0.00	82.57 -5.20 0.00	45.15 -2.89 0.00	27.93 -2.48 0.00	25.06 -2.47 0.00	26.91 -2.56 0.00	20.39 -1.87 0.00	21.67 -2.08 0.00	23.74 -2.42 0.00	23.48 -2.27 0.00	30.76 -3.47 0.00	35.19 -4.05 0.00	28.07 -3.31 0.00	32.32 -3.39 0.00	45.54 -3.62 0.00	33.14 -2.46 0.00	27.42 -1.46 0.00	27.55 -0.78 0.00
HARZA MOOSE___RIVER 24016	24.87 -0.48 0.00	22.59 -0.37 0.00	20.79 -0.35 0.00	20.53 -0.33 0.00	24.01 -0.33 0.00	47.77 -0.59 0.00	37.34 -0.06 0.00	88.08 0.31 0.00	47.81 -0.23 0.00	30.33 -0.08 0.00	27.32 -0.21 0.00	29.32 -0.15 0.00	22.07 -0.20 0.00	23.60 -0.15 0.00	26.09 -0.07 0.00	25.68 -0.06 0.00	34.17 -0.06 0.00	39.35 0.11 0.00	31.58 0.20 0.00	36.00 0.29 0.00	49.69 0.53 0.00	35.71 0.11 0.00	28.99 0.11 0.00	28.33 0.00 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.12 -0.23 0.00	22.72 -0.25 0.00	20.89 -0.25 0.00	20.62 -0.25 0.00	24.13 -0.20 0.00	48.03 -0.33 0.00	37.02 -0.38 0.00	87.13 -0.64 0.00	47.60 -0.43 0.00	29.98 -0.42 0.00	27.04 -0.49 0.00	28.93 -0.54 0.00	21.86 -0.40 0.00	23.30 -0.45 0.00	25.67 -0.50 0.00	25.24 -0.50 0.00	33.43 -0.80 0.00	38.37 -0.87 0.00	30.81 -0.58 0.00	35.18 -0.53 0.00	48.50 -0.66 0.00	35.04 -0.56 0.00	28.46 -0.42 0.00	28.15 -0.18 0.00
HELLGATE_13_KV_LD 55870	26.18 0.83 0.00	23.52 0.55 0.00	21.68 0.54 0.00	21.49 0.63 0.00	24.98 0.64 0.00	49.91 1.55 0.00	39.08 1.68 0.00	92.34 4.57 0.00	50.59 2.55 0.00	32.26 1.85 0.00	29.05 1.53 0.00	30.96 1.48 0.00	23.45 1.19 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.73 2.02 0.00	51.51 2.34 0.00	36.90 1.30 0.00	29.87 0.99 0.00	29.07 0.68 -0.06
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.18 0.83 0.00	23.52 0.55 0.00	21.68 0.54 0.00	21.49 0.63 0.00	24.98 0.64 0.00	49.91 1.55 0.00	39.08 1.68 0.00	92.34 4.57 0.00	50.59 2.55 0.00	32.26 1.85 0.00	29.05 1.53 0.00	30.96 1.48 0.00	23.45 1.19 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.73 2.02 0.00	51.51 2.34 0.00	36.90 1.30 0.00	29.87 0.99 0.00	29.07 0.68 -0.06
HEMPSTEAD___ 23647	29.62 1.11 -3.16	23.59 0.63 0.00	21.76 0.61 0.00	21.58 0.72 0.00	25.09 0.75 0.00	50.24 1.88 0.00	39.27 1.87 0.00	92.11 4.34 0.00	50.31 2.27 0.00	32.03 1.63 0.00	29.00 1.47 0.00	31.40 1.58 -0.34	24.63 1.24 -1.13	27.40 1.33 -2.33	29.36 1.48 -1.73	40.40 1.51 -13.15	43.78 1.83 -7.72	40.97 1.73 0.00	35.36 2.02 -1.96	37.86 2.15 0.00	51.57 2.40 0.00	36.76 1.16 0.00	29.71 0.83 0.00	29.17 0.78 -0.07
HEWLETT__69_KV_BK3 55828	35.96 1.21 -9.40	23.76 0.79 0.00	21.91 0.77 0.00	21.73 0.86 0.00	25.26 0.93 0.00	50.59 2.23 0.00	39.38 1.98 0.00	92.02 4.25 0.00	50.52 2.49 0.00	32.18 1.78 0.00	29.19 1.66 -0.01	32.42 1.84 -1.11	30.27 1.43 -6.59	32.24 1.53 -6.97	34.40 1.69 -6.55	64.52 1.71 -37.07	45.02 1.99 -8.80	41.11 1.87 0.00	39.59 2.34 -5.87	37.98 2.27 0.00	51.92 2.74 -0.01	36.97 1.37 0.00	29.92 1.04 -0.01	29.46 1.04 -0.09
HICKLING___1 23621	24.64 -0.71 0.00	22.35 -0.62 0.00	20.50 -0.64 0.00	20.25 -0.62 0.00	24.02 -0.32 0.00	47.99 -0.37 0.00	37.11 -0.29 0.00	87.86 0.09 0.00	47.96 -0.08 0.00	30.22 -0.19 0.00	27.18 -0.34 0.00	28.98 -0.50 0.00	21.98 -0.28 0.00	23.46 -0.29 0.00	25.94 -0.22 0.00	25.61 -0.13 0.00	33.69 -0.54 0.00	38.81 -0.43 0.00	31.21 -0.17 0.00	35.73 0.02 0.00	49.38 0.21 0.00	35.69 0.09 0.00	29.11 0.24 0.00	28.59 0.25 0.00
HICKLING___2 23622	24.64 -0.71 0.00	22.35 -0.62 0.00	20.50 -0.64 0.00	20.25 -0.62 0.00	24.02 -0.32 0.00	47.99 -0.37 0.00	37.11 -0.29 0.00	87.86 0.09 0.00	47.96 -0.08 0.00	30.22 -0.19 0.00	27.18 -0.34 0.00	28.98 -0.50 0.00	21.98 -0.28 0.00	23.46 -0.29 0.00	25.94 -0.22 0.00	25.61 -0.13 0.00	33.69 -0.54 0.00	38.81 -0.43 0.00	31.21 -0.17 0.00	35.73 0.02 0.00	49.38 0.21 0.00	35.69 0.09 0.00	29.11 0.24 0.00	28.59 0.25 0.00
HIGH FALLS___HY 23754	25.96 0.62 0.00	23.39 0.43 0.00	21.57 0.42 0.00	21.37 0.51 0.00	24.90 0.56 0.00	49.72 1.36 0.00	38.92 1.52 0.00	92.08 4.31 0.00	50.36 2.33 0.00	31.99 1.59 0.00	28.89 1.36 0.00	30.80 1.33 0.00	23.28 1.02 0.00	24.91 1.07 -0.09	27.29 1.09 -0.04	27.47 1.21 -0.51	35.82 1.54 -0.05	41.01 1.77 0.00	33.14 1.76 0.00	37.71 2.00 0.00	51.54 2.37 0.00	36.90 1.30 0.00	29.78 0.91 0.00	29.02 0.66 -0.02
HILLBURN___GT 23639	26.05 0.70 0.00	23.43 0.46 0.00	21.60 0.46 0.00	21.41 0.54 0.00	24.94 0.61 0.00	49.72 1.36 0.00	38.92 1.53 0.00	92.11 4.34 0.00	50.37 2.34 0.00	31.97 1.56 0.00	28.81 1.29 0.00	30.70 1.22 0.00	23.23 0.97 0.00	24.95 1.01 -0.19	27.35 1.12 -0.07	27.77 1.17 -0.85	35.77 1.46 -0.08	40.81 1.57 0.00	33.00 1.61 0.00	37.55 1.84 0.00	51.29 2.12 0.00	36.76 1.16 0.00	29.71 0.84 0.00	28.99 0.61 -0.05
HILLSIDE_115KV_TB1 80332	24.51 -0.84 0.00	22.18 -0.78 0.00	20.37 -0.78 0.00	20.09 -0.78 0.00	23.79 -0.55 0.00	47.52 -0.84 0.00	36.75 -0.65 0.00	86.99 -0.78 0.00	47.45 -0.59 0.00	29.91 -0.50 0.00	26.91 -0.61 0.00	28.71 -0.76 0.00	21.80 -0.46 0.00	23.28 -0.47 0.00	25.71 -0.45 0.00	25.39 -0.35 0.00	33.41 -0.82 0.00	38.44 -0.80 0.00	30.89 -0.50 0.00	35.31 -0.41 0.00	48.73 -0.44 0.00	35.21 -0.39 0.00	28.67 -0.21 0.00	28.14 -0.19 0.00

HISHELDN_WT_PWR 323625	23.79 -1.56 0.00	21.59 -1.38 0.00	19.72 -1.42 0.00	19.37 -1.50 0.00	23.05 -1.29 0.00	46.37 -1.99 0.00	35.14 -2.26 0.00	83.56 -4.22 0.00	45.70 -2.33 0.00	28.36 -2.04 0.00	25.50 -2.03 0.00	27.35 -2.12 0.00	20.66 -1.60 0.00	21.97 -1.78 0.00	24.02 -2.14 0.00	23.65 -2.09 0.00	30.90 -3.33 0.00	35.37 -3.87 0.00	28.18 -3.20 0.00	32.39 -3.32 0.00	45.65 -3.52 0.00	33.26 -2.34 0.00	27.52 -1.36 0.00	27.62 -0.72 0.00
HOLTSVILLE_IC_1 23690	27.26 1.31 -0.61	23.85 0.89 0.00	22.04 0.90 0.00	21.88 1.02 0.00	25.36 1.03 0.00	50.87 2.51 0.00	39.60 2.20 0.00	92.52 4.75 0.00	50.26 2.22 0.00	32.03 1.62 0.00	29.10 1.57 0.00	31.15 1.66 -0.02	22.40 1.24 1.10	25.53 1.37 -0.42	27.41 1.50 0.25	30.02 1.59 -2.69	42.57 2.13 -6.21	41.30 2.06 0.00	34.24 2.42 -0.44	38.21 2.50 0.00	51.98 2.82 0.00	36.80 1.20 0.00	29.71 0.84 0.00	29.27 0.88 -0.05
HOLTSVILLE_IC_10 23699	27.42 1.42 -0.65	23.94 0.98 0.00	22.13 0.99 0.00	21.97 1.10 0.00	25.46 1.13 0.00	51.08 2.71 0.00	39.78 2.38 0.00	92.99 5.22 0.00	50.70 2.47 -0.20	33.03 1.78 -0.85	29.23 1.71 0.00	31.29 1.79 -0.02	22.52 1.32 1.06	25.65 1.44 -0.45	27.54 1.59 0.21	30.31 1.69 -2.88	42.76 2.29 -6.23	41.50 2.26 0.00	34.44 2.58 -0.47	38.41 2.70 0.00	52.25 3.09 0.00	36.98 1.38 0.00	29.84 0.97 0.00	29.38 0.99 -0.05
HOLTSVILLE_IC_2 23691	27.26 1.31 -0.61	23.85 0.89 0.00	22.04 0.90 0.00	21.88 1.02 0.00	25.36 1.03 0.00	50.87 2.51 0.00	39.60 2.20 0.00	92.52 4.75 0.00	50.26 2.22 0.00	32.03 1.62 0.00	29.10 1.57 0.00	31.15 1.66 -0.02	22.40 1.24 1.10	25.53 1.37 -0.42	27.41 1.50 0.25	30.02 1.59 -2.69	42.57 2.13 -6.21	41.30 2.06 0.00	34.24 2.42 -0.44	38.21 2.50 0.00	51.98 2.82 0.00	36.80 1.20 0.00	29.71 0.84 0.00	29.27 0.88 -0.05
HOLTSVILLE_IC_3 23692	27.26 1.31 -0.61	23.85 0.89 0.00	22.04 0.90 0.00	21.88 1.02 0.00	25.36 1.03 0.00	50.87 2.51 0.00	39.60 2.20 0.00	92.52 4.75 0.00	50.26 2.22 0.00	32.03 1.62 0.00	29.10 1.57 0.00	31.15 1.66 -0.02	22.40 1.24 1.10	25.53 1.37 -0.42	27.41 1.50 0.25	30.02 1.59 -2.69	42.57 2.13 -6.21	41.30 2.06 0.00	34.24 2.42 -0.44	38.21 2.50 0.00	51.98 2.82 0.00	36.80 1.20 0.00	29.71 0.84 0.00	29.27 0.88 -0.05
HOLTSVILLE_IC_4 23693	27.26 1.31 -0.61	23.85 0.89 0.00	22.04 0.90 0.00	21.88 1.02 0.00	25.36 1.03 0.00	50.87 2.51 0.00	39.60 2.20 0.00	92.52 4.75 0.00	50.26 2.22 0.00	32.03 1.62 0.00	29.10 1.57 0.00	31.15 1.66 -0.02	22.40 1.24 1.10	25.53 1.37 -0.42	27.41 1.50 0.25	30.02 1.59 -2.69	42.57 2.13 -6.21	41.30 2.06 0.00	34.24 2.42 -0.44	38.21 2.50 0.00	51.98 2.82 0.00	36.80 1.20 0.00	29.71 0.84 0.00	29.27 0.88 -0.05
HOLTSVILLE_IC_5 23694	27.26 1.31 -0.61	23.85 0.89 0.00	22.04 0.90 0.00	21.88 1.02 0.00	25.36 1.03 0.00	50.87 2.51 0.00	39.60 2.20 0.00	92.52 4.75 0.00	50.26 2.22 0.00	32.03 1.62 0.00	29.10 1.57 0.00	31.15 1.66 -0.02	22.40 1.24 1.10	25.53 1.37 -0.42	27.41 1.50 0.25	30.02 1.59 -2.69	42.57 2.13 -6.21	41.30 2.06 0.00	34.24 2.42 -0.44	38.21 2.50 0.00	51.98 2.82 0.00	36.80 1.20 0.00	29.71 0.84 0.00	29.27 0.88 -0.05
HOLTSVILLE_IC_6 23695	27.42 1.42 -0.65	23.94 0.98 0.00	22.13 0.99 0.00	21.97 1.10 0.00	25.46 1.13 0.00	51.08 2.71 0.00	39.78 2.38 0.00	92.99 5.22 0.00	50.70 2.47 -0.20	33.03 1.78 -0.85	29.23 1.71 0.00	31.29 1.79 -0.02	22.52 1.32 1.06	25.65 1.44 -0.45	27.54 1.59 0.21	30.31 1.69 -2.88	42.76 2.29 -6.23	41.50 2.26 0.00	34.44 2.58 -0.47	38.41 2.70 0.00	52.25 3.09 0.00	36.98 1.38 0.00	29.84 0.97 0.00	29.38 0.99 -0.05
HOLTSVILLE_IC_7 23696	27.42 1.42 -0.65	23.94 0.98 0.00	22.13 0.99 0.00	21.97 1.10 0.00	25.46 1.13 0.00	51.08 2.71 0.00	39.78 2.38 0.00	92.99 5.22 0.00	50.70 2.47 -0.20	33.03 1.78 -0.85	29.23 1.71 0.00	31.29 1.79 -0.02	22.52 1.32 1.06	25.65 1.44 -0.45	27.54 1.59 0.21	30.31 1.69 -2.88	42.76 2.29 -6.23	41.50 2.26 0.00	34.44 2.58 -0.47	38.41 2.70 0.00	52.25 3.09 0.00	36.98 1.38 0.00	29.84 0.97 0.00	29.38 0.99 -0.05
HOLTSVILLE_IC_8 23697	27.42 1.42 -0.65	23.94 0.98 0.00	22.13 0.99 0.00	21.97 1.10 0.00	25.46 1.13 0.00	51.08 2.71 0.00	39.78 2.38 0.00	92.99 5.22 0.00	50.70 2.47 -0.20	33.03 1.78 -0.85	29.23 1.71 0.00	31.29 1.79 -0.02	22.52 1.32 1.06	25.65 1.44 -0.45	27.54 1.59 0.21	30.31 1.69 -2.88	42.76 2.29 -6.23	41.50 2.26 0.00	34.44 2.58 -0.47	38.41 2.70 0.00	52.25 3.09 0.00	36.98 1.38 0.00	29.84 0.97 0.00	29.38 0.99 -0.05
HOLTSVILLE_IC_9 23698	27.42 1.42 -0.65	23.94 0.98 0.00	22.13 0.99 0.00	21.97 1.10 0.00	25.46 1.13 0.00	51.08 2.71 0.00	39.78 2.38 0.00	92.99 5.22 0.00	50.70 2.47 -0.20	33.03 1.78 -0.85	29.23 1.71 0.00	31.29 1.79 -0.02	22.52 1.32 1.06	25.65 1.44 -0.45	27.54 1.59 0.21	30.31 1.69 -2.88	42.76 2.29 -6.23	41.50 2.26 0.00	34.44 2.58 -0.47	38.41 2.70 0.00	52.25 3.09 0.00	36.98 1.38 0.00	29.84 0.97 0.00	29.38 0.99 -0.05
HOMER_HL_115KV_TB2 355744	24.98 -0.37 0.00	22.63 -0.34 0.00	20.71 -0.44 0.00	20.46 -0.40 0.00	24.39 0.06 0.00	48.96 0.60 0.00	37.29 -0.11 0.00	88.28 0.51 0.00	48.04 0.01 0.00	29.89 -0.52 0.00	26.85 -0.67 0.00	28.77 -0.70 0.00	21.88 -0.38 0.00	23.30 -0.45 0.00	25.56 -0.60 0.00	25.31 -0.44 0.00	33.19 -1.04 0.00	37.98 -1.26 0.00	30.34 -1.05 0.00	34.96 -0.75 0.00	48.86 -0.31 0.00	35.49 -0.11 0.00	29.12 0.24 0.00	28.91 0.58 0.00
HOWARD_WT_PWR 323690	23.56 -1.84 -0.05	21.97 -1.02 -0.03	19.85 -1.31 -0.02	19.86 -1.08 -0.08	24.02 -0.64 -0.32	47.07 -1.37 -0.07	36.11 -1.29 0.00	85.96 -1.82 0.00	47.16 -0.87 0.00	29.80 -0.61 0.00	26.75 -0.77 0.00	28.45 -1.02 0.00	21.41 -0.85 0.00	22.87 -0.87 0.00	25.44 -0.72 0.00	25.31 -0.55 -0.12	33.10 -1.28 -0.14	38.49 -0.79 -0.03	30.98 -0.51 -0.10	35.69 -0.07 -0.05	49.43 0.25 -0.01	35.83 0.23 0.00	29.46 0.58 0.00	28.96 0.63 0.00
HQ_GEN_CEDARS 23644	25.18 -0.16 0.00	23.03 0.06 0.00	21.21 0.06 0.00	20.79 -0.08 0.00	24.19 -0.15 0.00	48.14 -0.22 0.00	37.04 -0.36 0.00	86.26 -1.52 0.00	47.28 -0.75 0.00	29.85 -0.56 0.00	27.20 -0.32 0.00	29.45 -0.03 0.00	22.29 0.02 0.00	23.81 0.06 0.00	26.21 0.05 0.00	25.78 0.04 0.00	34.44 0.21 0.00	39.41 0.17 0.00	31.21 -0.18 0.00	35.40 -0.32 0.00	49.02 -0.14 0.00	35.80 0.20 0.00	29.15 0.28 0.00	28.48 0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	25.18 -0.17 0.00	23.03 0.06 0.00	21.20 0.06 0.01	20.79 -0.08 0.00	24.19 -0.15 0.00	48.14 -0.22 0.00	37.04 -0.36 0.00	86.25 -1.52 0.00	47.28 -0.75 0.00	29.85 -0.56 0.00	27.20 -0.32 0.00	29.45 -0.03 0.00	22.29 0.03 0.00	23.81 0.06 0.00	26.21 0.05 0.00	25.78 0.04 0.00	34.44 0.21 0.00	39.41 0.17 0.00	31.21 -0.18 0.00	35.39 -0.32 0.00	49.02 -0.14 0.00	35.80 0.20 0.00	29.15 0.28 0.00	28.48 0.15 0.00

HQ_GEN_IMPORT 323601	25.33 -0.02 0.00	23.05 0.08 0.00	21.23 0.08 0.00	20.88 0.01 0.00	24.32 -0.01 0.00	48.27 -0.02 0.07	37.23 -0.17 0.00	86.80 -0.97 0.00	47.61 -0.43 0.00	30.14 -0.27 0.00	27.49 -0.08 -0.05	29.55 0.08 0.00	22.33 0.07 0.00	23.84 0.09 0.00	26.25 0.09 0.00	25.81 0.07 0.00	34.42 0.18 0.00	39.40 0.16 0.00	28.36 -0.09 2.93	35.48 -0.23 0.00	49.07 -0.10 0.00	35.77 0.17 0.00	29.08 0.20 0.00	28.48 0.15 0.00
HQ_GEN_WHEEL 23651	25.33 -0.02 0.00	23.05 0.08 0.00	21.23 0.08 0.00	20.88 0.01 0.00	24.32 -0.01 0.00	48.27 -0.02 0.07	37.23 -0.17 0.00	86.80 -0.97 0.00	47.61 -0.43 0.00	30.14 -0.27 0.00	27.49 -0.08 -0.05	29.55 0.08 0.00	22.33 0.07 0.00	23.84 0.09 0.00	26.25 0.09 0.00	25.81 0.07 0.00	34.42 0.18 0.00	39.40 0.16 0.00	28.36 -0.09 2.93	35.48 -0.23 0.00	49.07 -0.10 0.00	35.77 0.17 0.00	29.08 0.20 0.00	28.48 0.15 0.00
HUDSON AVE_GT_3 23810	26.13 0.77 0.00	23.48 0.51 0.00	21.63 0.49 0.00	21.44 0.57 0.00	24.94 0.60 0.00	49.86 1.50 0.00	39.02 1.62 0.00	92.27 4.50 0.00	50.52 2.49 0.00	32.19 1.79 0.00	29.01 1.49 0.00	30.91 1.44 0.00	23.41 1.15 0.00	25.16 1.20 -0.21	27.57 1.33 -0.08	28.07 1.39 -0.93	35.98 1.66 -0.08	40.97 1.73 0.00	33.19 1.81 0.00	37.70 1.99 0.00	51.41 2.24 0.00	36.82 1.22 0.00	29.82 0.94 0.00	29.03 0.63 -0.06
HUDSON AVE_GT_4 23540	26.13 0.77 0.00	23.48 0.51 0.00	21.63 0.49 0.00	21.44 0.57 0.00	24.94 0.60 0.00	49.86 1.50 0.00	39.02 1.62 0.00	92.27 4.50 0.00	50.52 2.49 0.00	32.19 1.79 0.00	29.01 1.49 0.00	30.91 1.44 0.00	23.41 1.15 0.00	25.16 1.20 -0.21	27.57 1.33 -0.08	28.07 1.39 -0.93	35.98 1.66 -0.08	40.97 1.73 0.00	33.19 1.81 0.00	37.70 1.99 0.00	51.41 2.24 0.00	36.82 1.22 0.00	29.82 0.94 0.00	29.03 0.63 -0.06
HUDSON AVE_GT_5 23657	26.13 0.77 0.00	23.48 0.51 0.00	21.63 0.49 0.00	21.44 0.57 0.00	24.94 0.60 0.00	49.86 1.50 0.00	39.02 1.62 0.00	92.27 4.50 0.00	50.52 2.49 0.00	32.19 1.79 0.00	29.01 1.49 0.00	30.91 1.44 0.00	23.41 1.15 0.00	25.16 1.20 -0.21	27.57 1.33 -0.08	28.07 1.39 -0.93	35.98 1.66 -0.08	40.97 1.73 0.00	33.19 1.81 0.00	37.70 1.99 0.00	51.41 2.24 0.00	36.82 1.22 0.00	29.82 0.94 0.00	29.03 0.63 -0.06
HUDSON_AVE_10 24168	26.07 0.72 0.00	23.43 0.46 0.00	21.59 0.44 0.00	21.39 0.53 0.00	24.87 0.53 0.00	49.70 1.34 0.00	38.89 1.49 0.00	92.00 4.23 0.00	50.36 2.33 0.00	32.10 1.70 0.00	28.92 1.40 0.00	30.81 1.33 0.00	23.33 1.08 0.00	25.09 1.13 -0.21	27.48 1.24 -0.08	27.98 1.30 -0.93	35.86 1.55 -0.08	40.85 1.61 0.00	33.08 1.69 0.00	37.58 1.87 0.00	51.25 2.08 0.00	36.72 1.12 0.00	29.73 0.85 0.00	28.91 0.52 -0.06
HUDSON___115KV_TB 4 355613	26.62 1.27 0.00	24.07 1.11 0.00	22.16 1.02 0.00	21.95 1.09 0.00	25.61 1.27 0.00	50.72 2.36 0.00	39.54 2.14 0.00	93.69 5.92 0.00	51.19 3.15 0.00	32.40 1.99 0.00	29.20 1.68 0.00	30.99 1.51 0.00	23.25 0.99 0.00	24.65 1.07 0.17	27.42 1.33 0.06	26.35 1.36 0.75	35.94 1.77 0.07	41.40 2.15 0.00	33.26 1.88 0.00	37.98 2.27 0.00	51.88 2.71 0.00	37.34 1.74 0.00	30.09 1.21 0.00	29.32 1.04 0.05
HUNTER MOUNT___DRP 323613	26.83 1.48 0.00	24.28 1.31 0.00	22.34 1.19 0.00	22.12 1.26 0.00	25.82 1.49 0.00	51.15 2.79 0.00	39.85 2.45 0.00	94.48 6.71 0.00	51.64 3.60 0.00	32.67 2.26 0.00	29.44 1.92 0.00	31.22 1.75 0.00	23.39 1.13 0.00	24.87 1.23 0.11	27.66 1.54 0.04	26.83 1.55 0.46	36.22 2.03 0.04	41.74 2.50 0.00	33.51 2.12 0.00	38.29 2.58 0.00	52.29 3.12 0.00	37.66 2.06 0.00	30.31 1.44 0.00	29.57 1.27 0.03
HUNTINGTON_RES_REC 323705	27.17 1.17 -0.65	23.71 0.74 0.00	21.89 0.75 0.00	21.72 0.86 0.00	25.19 0.86 0.00	50.46 2.10 0.00	39.33 1.93 0.00	91.96 4.18 0.00	50.10 2.06 0.00	31.92 1.52 0.00	28.95 1.43 0.00	31.02 1.52 -0.02	22.40 1.20 1.06	25.52 1.32 -0.46	27.40 1.45 0.21	30.11 1.47 -2.90	42.33 1.86 -6.24	41.02 1.78 0.00	34.04 2.19 -0.47	37.97 2.26 0.00	51.64 2.48 0.00	36.63 1.03 0.00	29.57 0.70 0.00	29.13 0.75 -0.05
HUNTLEY___63 23557	24.22 -1.13 0.00	21.99 -0.98 0.00	20.02 -1.12 0.00	19.71 -1.16 0.00	23.42 -0.92 0.00	46.81 -1.55 0.00	35.19 -2.21 0.00	83.22 -4.55 0.00	45.52 -2.52 0.00	28.20 -2.21 0.00	25.35 -2.17 0.00	27.24 -2.24 0.00	20.65 -1.61 0.00	21.96 -1.78 0.00	24.08 -2.08 0.00	23.79 -1.95 0.00	31.18 -3.05 0.00	35.65 -3.59 0.00	28.44 -2.95 0.00	32.73 -2.98 0.00	46.10 -3.07 0.00	33.53 -2.07 0.00	27.66 -1.22 0.00	27.75 -0.58 0.00
HUNTLEY___64 23558	24.22 -1.13 0.00	21.99 -0.98 0.00	20.02 -1.12 0.00	19.71 -1.16 0.00	23.42 -0.92 0.00	46.81 -1.55 0.00	35.19 -2.21 0.00	83.22 -4.55 0.00	45.52 -2.52 0.00	28.20 -2.21 0.00	25.35 -2.17 0.00	27.24 -2.24 0.00	20.65 -1.61 0.00	21.96 -1.78 0.00	24.08 -2.08 0.00	23.79 -1.95 0.00	31.18 -3.05 0.00	35.65 -3.59 0.00	28.44 -2.95 0.00	32.73 -2.98 0.00	46.10 -3.07 0.00	33.53 -2.07 0.00	27.66 -1.22 0.00	27.75 -0.58 0.00
HUNTLEY___65 23559	24.22 -1.13 0.00	21.99 -0.98 0.00	20.02 -1.12 0.00	19.71 -1.16 0.00	23.42 -0.92 0.00	46.81 -1.55 0.00	35.19 -2.21 0.00	83.22 -4.55 0.00	45.52 -2.52 0.00	28.20 -2.21 0.00	25.35 -2.17 0.00	27.24 -2.24 0.00	20.65 -1.61 0.00	21.96 -1.78 0.00	24.08 -2.08 0.00	23.79 -1.95 0.00	31.18 -3.05 0.00	35.65 -3.59 0.00	28.44 -2.95 0.00	32.73 -2.98 0.00	46.10 -3.07 0.00	33.53 -2.07 0.00	27.66 -1.22 0.00	27.75 -0.58 0.00
HUNTLEY___66 23560	24.22 -1.13 0.00	21.99 -0.98 0.00	20.02 -1.12 0.00	19.71 -1.16 0.00	23.42 -0.92 0.00	46.81 -1.55 0.00	35.19 -2.21 0.00	83.22 -4.55 0.00	45.52 -2.52 0.00	28.20 -2.21 0.00	25.35 -2.17 0.00	27.24 -2.24 0.00	20.65 -1.61 0.00	21.96 -1.78 0.00	24.08 -2.08 0.00	23.79 -1.95 0.00	31.18 -3.05 0.00	35.65 -3.59 0.00	28.44 -2.95 0.00	32.73 -2.98 0.00	46.10 -3.07 0.00	33.53 -2.07 0.00	27.66 -1.22 0.00	27.75 -0.58 0.00
HUNTLEY___67 23561	24.09 -1.26 0.00	21.87 -1.10 0.00	19.92 -1.22 0.00	19.61 -1.26 0.00	23.29 -1.04 0.00	46.63 -1.73 0.00	35.12 -2.28 0.00	83.02 -4.75 0.00	45.38 -2.66 0.00	28.12 -2.28 0.00	25.30 -2.22 0.00	27.20 -2.28 0.00	20.62 -1.64 0.00	21.94 -1.81 0.00	24.05 -2.11 0.00	23.77 -1.98 0.00	31.14 -3.09 0.00	35.64 -3.61 0.00	28.39 -2.99 0.00	32.66 -3.05 0.00	45.94 -3.22 0.00	33.44 -2.16 0.00	27.56 -1.31 0.00	27.63 -0.70 0.00
HUNTLEY___68 23562	24.09 -1.26 0.00	21.87 -1.10 0.00	19.92 -1.22 0.00	19.61 -1.26 0.00	23.29 -1.04 0.00	46.63 -1.73 0.00	35.12 -2.28 0.00	83.02 -4.75 0.00	45.38 -2.66 0.00	28.12 -2.28 0.00	25.30 -2.22 0.00	27.20 -2.28 0.00	20.62 -1.64 0.00	21.94 -1.81 0.00	24.05 -2.11 0.00	23.77 -1.98 0.00	31.14 -3.09 0.00	35.64 -3.61 0.00	28.39 -2.99 0.00	32.66 -3.05 0.00	45.94 -3.22 0.00	33.44 -2.16 0.00	27.56 -1.31 0.00	27.63 -0.70 0.00

HYLAND___LFGE 323620	25.19 -0.20 -0.04	22.92 -0.06 -0.02	20.91 -0.24 -0.01	20.71 -0.21 -0.06	24.81 0.23 -0.24	49.24 0.83 -0.05	37.86 0.46 0.00	90.04 2.27 0.00	48.97 0.93 0.00	29.91 -0.49 0.00	26.67 -0.85 0.00	28.57 -0.90 0.00	21.60 -0.67 0.00	22.96 -0.79 0.00	25.37 -0.79 0.00	25.20 -0.63 -0.09	33.09 -1.24 -0.10	38.23 -1.03 -0.02	31.33 -0.13 -0.08	36.37 0.62 -0.04	50.67 1.50 -0.01	36.58 0.98 0.00	29.87 1.00 0.00	29.48 1.15 0.00
INDECK___CORINTH 23802	26.02 0.67 0.00	23.52 0.56 0.00	21.66 0.51 0.00	21.46 0.60 0.00	25.05 0.72 0.00	49.82 1.46 0.00	38.92 1.52 0.00	92.59 4.82 0.00	50.45 2.42 0.00	31.96 1.55 0.00	28.88 1.36 0.00	30.73 1.25 0.00	23.05 0.79 0.00	24.17 0.72 0.30	26.99 0.94 0.11	25.35 0.95 1.34	35.59 1.48 0.12	41.03 1.79 0.00	32.89 1.51 0.00	37.59 1.88 0.00	51.26 2.09 0.00	36.75 1.15 0.00	29.65 0.78 0.00	28.83 0.59 0.09
INDECK___ILION 23567	25.33 -0.02 0.00	22.87 -0.10 0.00	21.07 -0.07 0.00	20.84 -0.03 0.00	24.31 -0.02 0.00	48.33 -0.03 0.00	37.62 0.22 0.00	89.12 1.35 0.00	48.66 0.62 0.00	30.87 0.47 0.00	27.83 0.31 0.00	29.63 0.16 0.00	22.32 0.05 0.00	23.80 0.05 0.00	26.26 0.11 0.00	25.86 0.12 0.00	34.36 0.13 0.00	39.45 0.22 0.00	31.69 0.30 0.00	36.20 0.49 0.00	49.61 0.45 0.00	35.73 0.13 0.00	28.82 -0.05 0.00	28.18 -0.15 0.00
INDECK___OLEAN 23982	25.01 -0.34 0.00	22.63 -0.34 0.00	20.71 -0.44 0.00	20.46 -0.40 0.00	24.39 0.06 0.00	48.96 0.60 0.00	37.29 -0.10 0.00	88.29 0.51 0.00	48.05 0.01 0.00	29.89 -0.52 0.00	26.85 -0.67 0.00	28.77 -0.70 0.00	21.85 -0.41 0.00	23.30 -0.45 0.00	25.56 -0.60 0.00	25.30 -0.44 0.00	33.18 -1.05 0.00	37.99 -1.26 0.00	30.34 -1.04 0.00	34.96 -0.75 0.00	48.86 -0.30 0.00	35.49 -0.11 0.00	29.12 0.24 0.00	28.91 0.58 0.00
INDECK___OSWEGO 23783	24.87 -0.48 0.00	22.50 -0.46 0.00	20.70 -0.45 0.00	20.44 -0.42 0.00	23.89 -0.45 0.00	47.47 -0.89 0.00	36.61 -0.79 0.00	86.02 -1.75 0.00	46.95 -1.08 0.00	29.62 -0.79 0.00	26.70 -0.82 0.00	28.56 -0.91 0.00	21.55 -0.71 0.00	22.97 -0.77 0.00	25.32 -0.84 0.00	24.91 -0.83 0.00	33.05 -1.18 0.00	37.96 -1.28 0.00	30.47 -0.91 0.00	34.79 -0.92 0.00	47.92 -1.24 0.00	34.61 -0.99 0.00	28.12 -0.75 0.00	27.83 -0.51 0.00
INDECK___YERKES 23781	24.29 -1.06 0.00	22.01 -0.96 0.00	20.05 -1.10 0.00	19.73 -1.14 0.00	23.44 -0.89 0.00	46.86 -1.50 0.00	35.23 -2.17 0.00	83.32 -4.45 0.00	45.57 -2.47 0.00	28.24 -2.17 0.00	25.38 -2.14 0.00	27.27 -2.20 0.00	20.65 -1.61 0.00	21.98 -1.77 0.00	24.11 -2.05 0.00	23.82 -1.92 0.00	31.21 -3.02 0.00	35.70 -3.54 0.00	28.48 -2.91 0.00	32.77 -2.94 0.00	46.15 -3.01 0.00	33.57 -2.03 0.00	27.69 -1.18 0.00	27.78 -0.55 0.00
INDIAN POINT_GT_1 24139	26.00 0.65 0.00	23.39 0.42 0.00	21.56 0.42 0.00	21.37 0.51 0.00	24.88 0.54 0.00	49.63 1.26 0.00	38.82 1.42 0.00	91.86 4.09 0.00	50.23 2.19 0.00	31.92 1.51 0.00	28.76 1.23 0.00	30.64 1.16 0.00	23.18 0.92 0.00	24.91 0.96 -0.20	27.30 1.07 -0.08	27.79 1.13 -0.92	35.72 1.40 -0.08	40.76 1.52 0.00	32.97 1.58 0.00	37.49 1.78 0.00	51.18 2.01 0.00	36.67 1.07 0.00	29.64 0.76 0.00	28.90 0.51 -0.06
INDIAN POINT_GT_2 23659	26.00 0.65 0.00	23.39 0.42 0.00	21.56 0.42 0.00	21.37 0.51 0.00	24.88 0.54 0.00	49.63 1.26 0.00	38.82 1.42 0.00	91.86 4.09 0.00	50.23 2.19 0.00	31.92 1.51 0.00	28.76 1.23 0.00	30.64 1.16 0.00	23.18 0.92 0.00	24.91 0.96 -0.20	27.30 1.07 -0.08	27.79 1.13 -0.92	35.72 1.40 -0.08	40.76 1.52 0.00	32.97 1.58 0.00	37.49 1.78 0.00	51.18 2.01 0.00	36.67 1.07 0.00	29.64 0.76 0.00	28.90 0.51 -0.06
INDIAN POINT_GT_3 24019	26.00 0.65 0.00	23.39 0.42 0.00	21.56 0.42 0.00	21.37 0.51 0.00	24.88 0.54 0.00	49.63 1.26 0.00	38.82 1.42 0.00	91.86 4.09 0.00	50.23 2.19 0.00	31.92 1.51 0.00	28.76 1.23 0.00	30.64 1.16 0.00	23.18 0.92 0.00	24.91 0.96 -0.20	27.30 1.07 -0.08	27.79 1.13 -0.92	35.72 1.40 -0.08	40.76 1.52 0.00	32.97 1.58 0.00	37.49 1.78 0.00	51.18 2.01 0.00	36.67 1.07 0.00	29.64 0.76 0.00	28.90 0.51 -0.06
INDIAN POINT___2 23530	25.98 0.63 0.00	23.38 0.41 0.00	21.55 0.41 0.00	21.36 0.50 0.00	24.87 0.54 0.00	49.59 1.23 0.00	38.81 1.41 0.00	91.83 4.05 0.00	50.21 2.18 0.00	31.89 1.48 0.00	28.74 1.22 0.00	30.62 1.15 0.00	23.17 0.91 0.00	24.90 0.95 -0.20	27.29 1.05 -0.07	27.75 1.11 -0.89	35.69 1.37 -0.08	40.72 1.48 0.00	32.93 1.55 0.00	37.45 1.74 0.00	51.14 1.97 0.00	36.65 1.05 0.00	29.63 0.75 0.00	28.90 0.51 -0.06
INDIAN POINT___3 23531	25.99 0.64 0.00	23.38 0.41 0.00	21.55 0.41 0.00	21.36 0.50 0.00	24.87 0.54 0.00	49.59 1.23 0.00	38.79 1.39 0.00	91.82 4.05 0.00	50.21 2.17 0.00	31.89 1.49 0.00	28.75 1.22 0.00	30.62 1.15 0.00	23.16 0.90 0.00	24.90 0.94 -0.20	27.29 1.05 -0.08	27.76 1.11 -0.92	35.69 1.37 -0.08	40.72 1.48 0.00	32.93 1.55 0.00	37.47 1.75 0.00	51.14 1.97 0.00	36.65 1.05 0.00	29.62 0.74 0.00	28.90 0.51 -0.06
INGHAM_C_115KV_TB7 356103	25.11 -0.24 0.00	22.59 -0.38 0.00	20.84 -0.31 0.00	20.65 -0.22 0.00	24.09 -0.25 0.00	47.87 -0.49 0.00	37.51 0.11 0.00	89.71 1.94 0.00	48.88 0.84 0.00	31.08 0.68 0.00	27.94 0.41 0.00	29.60 0.12 0.00	22.19 -0.07 0.00	23.66 -0.09 0.00	26.19 0.03 0.00	25.77 0.03 0.00	34.25 0.01 0.00	39.34 0.10 0.00	31.69 0.30 0.00	36.38 0.67 0.00	49.67 0.50 0.00	35.63 0.03 0.00	28.57 -0.30 0.00	27.80 -0.53 0.00
IP CORINTH___1 23988	26.02 0.67 0.00	23.52 0.56 0.00	21.66 0.51 0.00	21.46 0.60 0.00	25.06 0.72 0.00	49.82 1.46 0.00	38.92 1.52 0.00	92.60 4.83 0.00	50.45 2.42 0.00	31.96 1.55 0.00	28.88 1.36 0.00	30.73 1.25 0.00	23.04 0.78 0.00	24.17 0.72 0.30	26.99 0.94 0.11	25.35 0.95 1.34	35.59 1.48 0.12	41.03 1.79 0.00	32.90 1.51 0.00	37.59 1.88 0.00	51.26 2.09 0.00	36.75 1.15 0.00	29.65 0.77 0.00	28.83 0.59 0.09
IP___TICONDEROGA 23804	26.70 1.35 0.00	24.18 1.21 0.00	22.27 1.13 0.00	22.11 1.25 0.00	25.89 1.56 0.00	51.65 3.29 0.00	40.49 3.10 0.00	97.67 9.90 0.00	52.74 4.71 0.00	33.06 2.65 0.00	29.73 2.21 0.00	31.52 2.05 0.00	23.67 1.41 0.00	24.74 1.31 0.31	27.87 1.82 0.11	26.46 2.10 1.38	37.49 3.39 0.12	43.26 4.02 0.00	34.48 3.10 0.00	39.52 3.81 0.00	53.51 4.35 0.00	37.97 2.37 0.00	30.78 1.90 0.00	29.93 1.69 0.09
ISLIP_RES_REC 323679	27.54 1.51 -0.68	24.03 1.06 0.00	22.21 1.06 0.00	22.04 1.18 0.00	25.55 1.22 0.00	51.27 2.91 0.00	39.94 2.54 0.00	93.42 5.65 0.00	50.84 2.71 -0.10	32.78 1.92 -0.44	29.35 1.83 0.00	31.41 1.91 -0.03	22.62 1.40 1.03	25.75 1.52 -0.48	27.66 1.69 0.19	30.54 1.79 -3.01	42.94 2.46 -6.25	41.69 2.46 0.00	34.61 2.74 -0.49	38.59 2.88 0.00	52.47 3.30 0.00	37.14 1.54 0.00	29.96 1.09 0.00	29.48 1.09 -0.05

JAMAICA__27_KV_LOAD 355505	26.24 0.89 0.00	23.62 0.65 0.00	21.74 0.59 0.00	21.53 0.66 0.00	25.03 0.69 0.00	50.00 1.64 0.00	39.08 1.68 0.00	92.53 4.76 0.00	50.63 2.59 0.00	32.27 1.87 0.00	29.07 1.54 0.00	30.96 1.48 0.00	23.46 1.20 0.00	25.22 1.27 -0.21	27.58 1.35 -0.08	28.09 1.42 -0.93	36.02 1.70 -0.08	41.05 1.81 0.00	33.22 1.84 0.00	37.78 2.07 0.00	51.54 2.37 0.00	36.92 1.32 0.00	29.90 1.03 0.00	29.06 0.67 -0.06
JANIS__SOLAR 323808	25.89 0.54 0.00	23.32 0.36 0.00	21.56 0.42 0.00	21.17 0.30 0.00	24.85 0.51 0.00	49.94 1.57 0.00	38.73 1.33 0.00	91.29 3.52 0.00	49.78 1.74 0.00	31.22 0.82 0.00	27.96 0.43 0.00	30.06 0.58 0.00	22.88 0.62 0.00	24.36 0.61 0.00	26.81 0.65 0.00	26.21 0.47 0.00	34.74 0.50 0.00	39.70 0.46 0.00	32.27 0.88 0.00	37.29 1.59 0.00	51.38 2.21 0.00	37.07 1.47 0.00	30.03 1.15 0.00	29.56 1.23 0.00
JARVIS____ 23743	25.39 0.04 0.00	22.96 0.00 0.00	21.14 0.00 0.00	20.89 0.03 0.00	24.37 0.03 0.00	48.41 0.05 0.00	37.54 0.14 0.00	88.33 0.56 0.00	48.33 0.29 0.00	30.62 0.21 0.00	27.66 0.13 0.00	29.56 0.08 0.00	22.31 0.05 0.00	23.80 0.05 0.00	26.21 0.05 0.00	25.79 0.05 0.00	34.30 0.07 0.00	39.32 0.08 0.00	31.54 0.15 0.00	35.92 0.21 0.00	49.35 0.18 0.00	35.64 0.04 0.00	28.85 -0.03 0.00	28.30 -0.04 0.00
JENNISON____1 23625	25.70 0.35 0.00	22.81 -0.16 0.00	21.47 0.32 0.00	20.92 0.05 0.00	24.64 0.30 0.00	50.03 1.67 0.00	38.67 1.27 0.00	90.60 2.83 0.00	49.79 1.76 0.00	31.41 1.01 0.00	28.22 0.69 0.00	30.35 0.88 0.00	23.07 0.81 0.00	24.53 0.78 0.00	27.04 0.88 0.00	26.60 0.86 0.00	35.10 0.87 0.00	40.41 1.17 0.00	32.63 1.25 0.00	37.31 1.60 0.00	51.21 2.05 0.00	37.23 1.63 0.00	30.18 1.30 0.00	29.62 1.29 0.00
JENNISON____2 23626	25.70 0.35 0.00	22.81 -0.16 0.00	21.47 0.32 0.00	20.92 0.05 0.00	24.64 0.30 0.00	50.03 1.67 0.00	38.67 1.27 0.00	90.60 2.83 0.00	49.79 1.76 0.00	31.41 1.01 0.00	28.22 0.69 0.00	30.35 0.88 0.00	23.07 0.81 0.00	24.53 0.78 0.00	27.04 0.88 0.00	26.60 0.86 0.00	35.10 0.87 0.00	40.41 1.17 0.00	32.63 1.25 0.00	37.31 1.60 0.00	51.21 2.05 0.00	37.23 1.63 0.00	30.18 1.30 0.00	29.62 1.29 0.00
JERICOHO_RISE_WT_PWR 323719	25.09 -0.26 0.00	23.13 0.17 0.00	21.34 0.20 0.00	20.54 -0.32 0.00	24.09 -0.25 0.00	48.40 0.04 0.00	36.92 -0.48 0.00	85.97 -1.80 0.00	46.99 -1.05 0.00	29.85 -0.55 0.00	27.51 -0.01 0.00	29.86 0.39 0.00	22.59 0.32 0.00	24.09 0.34 0.00	26.46 0.30 0.00	26.16 0.42 0.00	35.15 0.92 0.00	40.20 0.96 0.00	31.83 0.44 0.00	36.02 0.31 0.00	49.44 0.28 0.00	36.37 0.77 0.00	29.61 0.74 0.00	28.89 0.56 0.00
KATONAH__115KV_46KV_TB4 355592	26.09 0.74 0.00	23.48 0.51 0.00	21.63 0.48 0.00	21.45 0.59 0.00	24.97 0.64 0.00	49.80 1.44 0.00	38.98 1.58 0.00	92.35 4.57 0.00	50.48 2.45 0.00	32.07 1.67 0.00	28.89 1.37 0.00	30.76 1.29 0.00	23.26 1.00 0.00	24.99 1.04 -0.21	27.41 1.17 -0.08	27.92 1.22 -0.96	35.88 1.56 -0.09	40.97 1.73 0.00	33.13 1.75 0.00	37.70 1.99 0.00	51.44 2.28 0.00	36.86 1.26 0.00	29.75 0.87 0.00	29.00 0.61 -0.06
KCE_NY_1 323755	26.20 0.85 0.00	23.69 0.72 0.00	21.81 0.67 0.00	21.60 0.74 0.00	25.20 0.86 0.00	50.01 1.65 0.00	38.98 1.58 0.00	92.38 4.60 0.00	50.40 2.37 0.00	31.91 1.50 0.00	28.77 1.25 0.00	30.62 1.15 0.00	23.06 0.80 0.00	24.23 0.80 0.32	27.01 0.97 0.12	25.26 0.95 1.43	35.49 1.38 0.13	40.90 1.66 0.00	32.83 1.45 0.00	37.49 1.78 0.00	51.19 2.02 0.00	36.83 1.23 0.00	29.71 0.83 0.00	28.92 0.68 0.09
KCE_NY_6_ESR 323823	24.36 -0.99 0.00	22.07 -0.89 0.00	20.13 -1.02 0.00	19.80 -1.07 0.00	23.55 -0.79 0.00	47.23 -1.13 0.00	35.69 -1.71 0.00	84.49 -3.29 0.00	46.20 -1.84 0.00	28.64 -1.76 0.00	25.77 -1.75 0.00	27.68 -1.79 0.00	20.97 -1.29 0.00	22.33 -1.42 0.00	24.45 -1.71 0.00	24.16 -1.58 0.00	31.64 -2.60 0.00	36.23 -3.01 0.00	28.87 -2.51 0.00	33.20 -2.51 0.00	46.72 -2.45 0.00	33.98 -1.62 0.00	27.99 -0.89 0.00	28.03 -0.30 0.00
KEDC_PORT_JEFF_GT2 24210	27.35 1.37 -0.64	23.90 0.93 0.00	22.09 0.94 0.00	21.92 1.06 0.00	25.41 1.08 0.00	50.97 2.61 0.00	39.69 2.29 0.00	92.80 5.03 0.00	50.21 2.37 0.20	31.24 1.72 0.88	29.17 1.65 0.00	31.23 1.73 -0.02	22.46 1.28 1.08	25.59 1.40 -0.44	27.46 1.53 0.23	30.16 1.61 -2.81	42.64 2.19 -6.22	41.38 2.14 0.00	34.33 2.48 -0.46	38.30 2.59 0.00	52.08 2.92 0.00	36.87 1.28 0.00	29.76 0.89 0.00	29.30 0.91 -0.05
KEDC_PORT_JEFF_GT3 24211	27.35 1.37 -0.64	23.90 0.93 0.00	22.09 0.94 0.00	21.92 1.06 0.00	25.41 1.08 0.00	50.97 2.61 0.00	39.69 2.29 0.00	92.80 5.03 0.00	50.21 2.37 0.20	31.24 1.72 0.88	29.17 1.65 0.00	31.23 1.73 -0.02	22.46 1.28 1.08	25.59 1.40 -0.44	27.46 1.53 0.23	30.16 1.61 -2.81	42.64 2.19 -6.22	41.38 2.14 0.00	34.33 2.48 -0.46	38.30 2.59 0.00	52.08 2.92 0.00	36.87 1.28 0.00	29.76 0.89 0.00	29.30 0.91 -0.05
KEDC_GLWD_GT4 24219	29.51 1.26 -2.91	23.62 0.66 0.00	21.78 0.63 0.00	21.60 0.73 0.00	25.12 0.78 0.00	50.25 1.89 0.00	39.27 1.88 0.00	92.47 4.70 0.00	50.54 2.51 0.00	32.17 1.77 0.00	29.08 1.56 0.00	31.39 1.60 -0.31	24.44 1.27 -0.91	27.22 1.34 -2.14	29.18 1.49 -1.53	39.77 1.52 -12.51	44.30 1.86 -8.21	40.98 1.74 0.00	35.29 1.92 -1.99	37.93 2.22 0.00	51.69 2.53 0.00	36.92 1.32 0.00	29.83 0.95 0.00	29.21 0.82 -0.06
KEDC_GLWD_GT5 24220	29.51 1.26 -2.91	23.62 0.66 0.00	21.78 0.63 0.00	21.60 0.73 0.00	25.12 0.78 0.00	50.25 1.89 0.00	39.27 1.88 0.00	92.47 4.70 0.00	50.54 2.51 0.00	32.17 1.77 0.00	29.08 1.56 0.00	31.39 1.60 -0.31	24.44 1.27 -0.91	27.22 1.34 -2.14	29.18 1.49 -1.53	39.77 1.52 -12.51	44.30 1.86 -8.21	40.98 1.74 0.00	35.29 1.92 -1.99	37.93 2.22 0.00	51.69 2.53 0.00	36.92 1.32 0.00	29.83 0.95 0.00	29.21 0.82 -0.06
KENSICO____ 23655	26.05 0.70 0.00	23.42 0.46 0.00	21.59 0.45 0.00	21.40 0.54 0.00	24.91 0.58 0.00	49.70 1.34 0.00	38.89 1.49 0.00	92.02 4.25 0.00	50.32 2.28 0.00	31.99 1.58 0.00	28.83 1.31 0.00	30.71 1.24 0.00	23.23 0.97 0.00	24.98 1.02 -0.21	27.37 1.13 -0.08	27.86 1.19 -0.93	35.79 1.48 -0.08	40.83 1.58 0.00	33.03 1.64 0.00	37.57 1.85 0.00	51.25 2.09 0.00	36.73 1.13 0.00	29.68 0.81 0.00	28.94 0.55 -0.06
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	26.07 0.72 0.00	23.52 0.55 0.00	21.68 0.53 0.00	21.48 0.62 0.00	25.03 0.70 0.00	49.98 1.62 0.00	39.10 1.70 0.00	92.52 4.75 0.00	50.60 2.57 0.00	32.14 1.73 0.00	29.01 1.49 0.00	30.91 1.44 0.00	23.36 1.10 0.00	25.02 1.16 -0.11	27.41 1.20 -0.05	27.63 1.31 -0.58	35.96 1.68 -0.05	41.18 1.94 0.00	33.26 1.87 0.00	37.86 2.15 0.00	51.73 2.57 0.00	37.04 1.44 0.00	29.89 1.02 0.00	29.14 0.78 -0.03

KIAC_JFK_GT1 23816	26.16 0.81 0.00	23.54 0.58 0.00	21.68 0.53 0.00	21.47 0.60 0.00	24.95 0.61 0.00	49.83 1.47 0.00	38.96 1.56 0.00	92.18 4.41 0.00	50.45 2.41 0.00	32.17 1.76 0.00	28.96 1.44 0.00	30.86 1.38 0.00	23.38 1.12 0.00	25.13 1.18 -0.21	27.49 1.25 -0.08	28.00 1.32 -0.93	35.89 1.58 -0.08	40.90 1.66 0.00	33.12 1.73 0.00	37.64 1.93 0.00	51.35 2.19 0.00	36.79 1.19 0.00	29.80 0.93 0.00	28.96 0.57 -0.06
KIAC_JFK_GT2 23817	26.16 0.81 0.00	23.54 0.58 0.00	21.68 0.53 0.00	21.47 0.60 0.00	24.95 0.61 0.00	49.83 1.47 0.00	38.96 1.56 0.00	92.18 4.41 0.00	50.45 2.41 0.00	32.17 1.76 0.00	28.96 1.44 0.00	30.86 1.38 0.00	23.38 1.12 0.00	25.13 1.18 -0.21	27.49 1.25 -0.08	28.00 1.32 -0.93	35.89 1.58 -0.08	40.90 1.66 0.00	33.12 1.73 0.00	37.64 1.93 0.00	51.35 2.19 0.00	36.79 1.19 0.00	29.80 0.93 0.00	28.96 0.57 -0.06
KIAC_JFK____ 323774	26.16 0.81 0.00	23.54 0.58 0.00	21.68 0.53 0.00	21.47 0.60 0.00	24.95 0.61 0.00	49.83 1.47 0.00	38.96 1.56 0.00	92.18 4.41 0.00	50.44 2.41 0.00	32.17 1.76 0.00	28.96 1.44 0.00	30.85 1.38 0.00	23.39 1.13 0.00	25.13 1.18 -0.21	27.49 1.25 -0.08	28.00 1.32 -0.93	35.90 1.58 -0.08	40.90 1.66 0.00	33.11 1.73 0.00	37.64 1.93 0.00	51.35 2.19 0.00	36.79 1.19 0.00	29.80 0.92 0.00	28.96 0.57 -0.06
KINTIGH____ 23543	24.10 -1.25 0.00	21.87 -1.10 0.00	19.96 -1.19 0.00	19.66 -1.21 0.00	23.28 -1.06 0.00	46.53 -1.83 0.00	35.19 -2.21 0.00	83.09 -4.68 0.00	45.39 -2.65 0.00	28.19 -2.22 0.00	25.36 -2.16 0.00	27.23 -2.24 0.00	20.64 -1.62 0.00	21.98 -1.76 0.00	24.12 -2.04 0.00	23.83 -1.92 0.00	31.32 -2.91 0.00	35.86 -3.38 0.00	28.60 -2.78 0.00	32.87 -2.84 0.00	46.06 -3.10 0.00	33.47 -2.13 0.00	27.50 -1.37 0.00	27.50 -0.83 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	25.57 0.22 0.00	23.54 0.58 0.00	21.71 0.56 0.00	20.90 0.03 0.00	24.53 0.20 0.00	49.39 1.03 0.00	37.89 0.48 0.00	88.70 0.93 0.00	48.38 0.34 0.00	30.63 0.23 0.00	28.14 0.62 0.00	30.47 1.00 0.00	22.93 0.67 0.00	24.42 0.68 0.00	26.86 0.70 0.00	26.71 0.97 0.00	35.95 1.71 0.00	41.04 1.80 0.00	32.50 1.11 0.00	36.88 1.17 0.00	50.76 1.59 0.00	37.32 1.72 0.00	30.28 1.41 0.00	29.49 1.16 0.00
LACHUTE____HYDRO 323717	26.69 1.34 0.00	24.18 1.21 0.00	22.27 1.12 0.00	22.11 1.25 0.00	25.89 1.56 0.00	51.65 3.29 0.00	40.49 3.09 0.00	97.67 9.90 0.00	52.74 4.71 0.00	33.05 2.65 0.00	29.73 2.21 0.00	31.52 2.05 0.00	23.67 1.41 0.00	24.74 1.31 0.31	27.87 1.82 0.11	26.46 2.10 1.38	37.49 3.39 0.12	43.26 4.02 0.00	34.48 3.10 0.00	39.52 3.81 0.00	53.51 4.35 0.00	37.97 2.37 0.00	30.78 1.90 0.00	29.93 1.69 0.09
LAWRNCV_115KV_TB1 80681	24.60 -0.75 0.00	22.53 -0.43 0.00	20.75 -0.39 0.00	20.31 -0.56 0.00	23.65 -0.69 0.00	47.10 -1.26 0.00	36.30 -1.10 0.00	84.61 -3.17 0.00	46.29 -1.75 0.00	29.20 -1.21 0.00	26.61 -0.91 0.00	28.84 -0.64 0.00	21.82 -0.44 0.00	23.31 -0.43 0.00	25.68 -0.48 0.00	25.25 -0.49 0.00	33.79 -0.44 0.00	38.70 -0.54 0.00	30.65 -0.73 0.00	34.79 -0.92 0.00	48.19 -0.97 0.00	35.17 -0.43 0.00	28.63 -0.24 0.00	27.93 -0.40 0.00
LEDERLE____ 23769	26.11 0.76 0.00	23.48 0.51 0.00	21.65 0.50 0.00	21.45 0.58 0.00	24.99 0.65 0.00	49.82 1.46 0.00	39.00 1.60 0.00	92.30 4.53 0.00	50.47 2.44 0.00	32.05 1.64 0.00	28.89 1.36 0.00	30.77 1.30 0.00	23.29 1.03 0.00	25.02 1.08 -0.19	27.42 1.19 -0.07	27.86 1.25 -0.87	35.87 1.56 -0.08	40.92 1.68 0.00	33.09 1.71 0.00	37.66 1.95 0.00	51.44 2.27 0.00	36.87 1.27 0.00	29.79 0.92 0.00	29.07 0.68 -0.06
LIGHTHSE_115KV_TB6 355974	24.63 -0.72 0.00	22.30 -0.66 0.00	20.52 -0.63 0.00	20.27 -0.60 0.00	23.70 -0.63 0.00	47.10 -1.26 0.00	36.48 -0.92 0.00	85.84 -1.93 0.00	46.65 -1.38 0.00	29.49 -0.92 0.00	26.53 -0.99 0.00	28.40 -1.08 0.00	21.37 -0.89 0.00	22.82 -0.93 0.00	25.23 -0.93 0.00	24.79 -0.95 0.00	32.92 -1.31 0.00	37.96 -1.28 0.00	30.48 -0.90 0.00	34.82 -0.89 0.00	48.01 -1.16 0.00	34.64 -0.96 0.00	28.17 -0.70 0.00	27.77 -0.56 0.00
LINDEN COGEN____ 23786	25.96 0.61 0.00	23.32 0.35 0.00	21.49 0.34 0.00	21.30 0.44 0.00	24.75 0.42 0.00	49.45 1.09 0.00	38.71 1.31 0.00	91.50 3.73 0.00	50.09 2.06 0.00	31.92 1.51 0.00	28.75 1.23 0.00	30.64 1.16 0.00	23.22 0.96 0.00	24.95 0.99 -0.21	27.33 1.10 -0.08	27.84 1.17 -0.93	35.66 1.35 -0.08	40.54 1.37 0.07	32.90 1.51 0.00	37.36 1.65 0.00	50.95 1.78 0.00	36.50 0.90 0.00	29.56 0.69 0.00	12.13 0.41 16.61
LINDHRST_69_KV_BK1 356055	28.21 1.37 -1.49	23.88 0.91 0.00	22.05 0.90 0.00	21.86 1.00 0.00	25.38 1.04 0.00	50.89 2.53 0.00	39.74 2.34 0.00	92.87 5.10 0.00	50.72 2.68 0.00	32.31 1.91 0.00	29.28 1.76 0.00	31.50 1.89 -0.13	23.34 1.40 0.32	26.36 1.53 -1.08	28.30 1.71 -0.44	33.77 1.78 -6.25	43.09 2.26 -6.60	41.44 2.20 0.00	34.85 2.51 -0.96	38.37 2.66 0.00	52.23 3.07 0.00	37.11 1.51 0.00	29.96 1.08 0.00	29.48 1.09 -0.06
LIPA_MISC_IPP 23656	27.29 1.32 -0.62	23.89 0.92 0.00	22.10 0.95 0.00	21.95 1.08 0.00	25.43 1.09 0.00	51.00 2.64 0.00	39.63 2.23 0.00	92.64 4.86 0.00	47.01 2.10 3.13	18.40 1.54 13.54	29.07 1.55 0.00	31.09 1.60 -0.02	22.33 1.17 1.10	25.45 1.28 -0.43	27.33 1.41 0.24	30.00 1.53 -2.73	42.63 2.19 -6.21	41.38 2.14 0.00	34.31 2.48 -0.45	38.27 2.56 0.00	52.06 2.89 0.00	36.79 1.19 0.00	29.69 0.82 0.00	29.24 0.85 -0.05
LISF__SOLAR 323691	27.34 1.37 -0.62	23.93 0.97 0.00	22.13 0.99 0.00	21.99 1.13 0.00	25.46 1.13 0.00	51.09 2.73 0.00	39.69 2.29 0.00	92.80 5.03 0.00	46.69 2.16 3.51	16.81 1.57 15.16	29.10 1.58 0.00	31.11 1.61 -0.02	22.35 1.18 1.09	25.49 1.31 -0.43	27.37 1.44 0.24	30.07 1.56 -2.76	42.71 2.26 -6.22	41.46 2.22 0.00	34.38 2.55 -0.45	38.34 2.63 0.00	52.15 2.99 0.00	36.84 1.24 0.00	29.74 0.86 0.00	29.28 0.89 -0.05
LITTLE FALLS____HYD 24013	25.11 -0.24 0.00	22.59 -0.38 0.00	20.84 -0.31 0.00	20.65 -0.22 0.00	24.09 -0.25 0.00	47.87 -0.49 0.00	37.51 0.11 0.00	89.71 1.94 0.00	48.88 0.84 0.00	31.08 0.68 0.00	27.94 0.41 0.00	29.60 0.12 0.00	22.19 -0.07 0.00	23.66 -0.09 0.00	26.19 0.03 0.00	25.77 0.03 0.00	34.25 0.01 0.00	39.34 0.10 0.00	31.69 0.30 0.00	36.38 0.67 0.00	49.67 0.50 0.00	35.63 0.03 0.00	28.57 -0.30 0.00	27.80 -0.53 0.00
LITTLRIV_115KV_TB1 356100	24.92 -0.43 0.00	22.83 -0.14 0.00	21.02 -0.13 0.00	20.57 -0.29 0.00	23.95 -0.39 0.00	47.76 -0.60 0.00	36.86 -0.54 0.00	85.91 -1.86 0.00	46.90 -1.14 0.00	29.41 -0.99 0.00	26.77 -0.75 0.00	29.05 -0.43 0.00	22.04 -0.22 0.00	23.52 -0.22 0.00	25.91 -0.25 0.00	25.44 -0.30 0.00	34.07 -0.16 0.00	39.04 -0.20 0.00	30.97 -0.42 0.00	35.27 -0.44 0.00	48.91 -0.25 0.00	35.70 0.10 0.00	29.05 0.18 0.00	28.32 -0.02 0.00

LI_NEWBRDGE___DRP 323616	26.31 0.96 0.00	23.52 0.55 0.00	21.71 0.56 0.00	21.54 0.67 0.00	25.01 0.68 0.00	50.13 1.77 0.00	39.14 1.74 0.00	91.55 3.78 0.00	49.97 1.94 0.00	31.84 1.44 0.00	28.85 1.33 0.00	30.91 1.48 0.04	21.93 1.17 1.50	25.08 1.25 -0.08	26.96 1.40 0.60	28.02 1.41 -0.87	41.87 1.65 -5.99	40.79 1.55 0.00	33.51 1.95 -0.18	37.68 1.97 0.00	51.31 2.14 0.00	36.51 0.92 0.00	29.52 0.65 0.00	29.07 0.68 -0.05
LOCKPORT_115KV_TB60_63_64 80432	24.03 -1.31 0.00	21.83 -1.14 0.00	19.87 -1.28 0.00	19.54 -1.32 0.00	23.21 -1.13 0.00	46.42 -1.94 0.00	34.94 -2.46 0.00	82.58 -5.19 0.00	45.17 -2.87 0.00	27.94 -2.47 0.00	25.08 -2.44 0.00	26.93 -2.54 0.00	20.41 -1.85 0.00	21.69 -2.06 0.00	23.77 -2.39 0.00	23.51 -2.24 0.00	30.80 -3.43 0.00	35.24 -4.00 0.00	28.13 -3.25 0.00	32.40 -3.31 0.00	45.64 -3.52 0.00	33.20 -2.40 0.00	27.45 -1.43 0.00	27.57 -0.76 0.00
LOCKPORT___CC1 323769	24.06 -1.29 0.00	21.82 -1.15 0.00	19.86 -1.29 0.00	19.53 -1.33 0.00	23.21 -1.13 0.00	46.41 -1.95 0.00	34.92 -2.47 0.00	82.57 -5.20 0.00	45.15 -2.89 0.00	27.93 -2.48 0.00	25.06 -2.47 0.00	26.91 -2.56 0.00	20.36 -1.90 0.00	21.67 -2.08 0.00	23.74 -2.42 0.00	23.48 -2.26 0.00	30.76 -3.48 0.00	35.19 -4.05 0.00	28.08 -3.30 0.00	32.32 -3.39 0.00	45.54 -3.62 0.00	33.14 -2.46 0.00	27.41 -1.46 0.00	27.55 -0.78 0.00
LOCKPORT___CC2 323770	24.06 -1.29 0.00	21.82 -1.15 0.00	19.86 -1.29 0.00	19.53 -1.33 0.00	23.21 -1.13 0.00	46.41 -1.95 0.00	34.92 -2.47 0.00	82.57 -5.20 0.00	45.15 -2.89 0.00	27.93 -2.48 0.00	25.06 -2.47 0.00	26.91 -2.56 0.00	20.36 -1.90 0.00	21.67 -2.08 0.00	23.74 -2.42 0.00	23.48 -2.26 0.00	30.76 -3.48 0.00	35.19 -4.05 0.00	28.08 -3.30 0.00	32.32 -3.39 0.00	45.54 -3.62 0.00	33.14 -2.46 0.00	27.41 -1.46 0.00	27.55 -0.78 0.00
LOCKPORT___CC3 323771	24.06 -1.29 0.00	21.82 -1.15 0.00	19.86 -1.29 0.00	19.53 -1.33 0.00	23.21 -1.13 0.00	46.41 -1.95 0.00	34.92 -2.47 0.00	82.57 -5.20 0.00	45.15 -2.89 0.00	27.93 -2.48 0.00	25.06 -2.47 0.00	26.91 -2.56 0.00	20.36 -1.90 0.00	21.67 -2.08 0.00	23.74 -2.42 0.00	23.48 -2.26 0.00	30.76 -3.48 0.00	35.19 -4.05 0.00	28.08 -3.30 0.00	32.32 -3.39 0.00	45.54 -3.62 0.00	33.14 -2.46 0.00	27.41 -1.46 0.00	27.55 -0.78 0.00
LONG_LAKE_PHOENIX 24014	24.98 -0.37 0.00	22.59 -0.38 0.00	20.77 -0.38 0.00	20.51 -0.35 0.00	23.99 -0.35 0.00	47.70 -0.66 0.00	36.76 -0.64 0.00	86.44 -1.33 0.00	47.18 -0.85 0.00	29.71 -0.70 0.00	26.77 -0.75 0.00	28.62 -0.85 0.00	21.60 -0.66 0.00	23.06 -0.69 0.00	25.38 -0.78 0.00	24.99 -0.75 0.00	33.10 -1.13 0.00	38.02 -1.22 0.00	30.55 -0.83 0.00	34.92 -0.79 0.00	48.11 -1.06 0.00	34.73 -0.87 0.00	28.21 -0.67 0.00	27.93 -0.40 0.00
LOVETT___3 23632	25.98 0.63 0.00	23.37 0.41 0.00	21.55 0.41 0.00	21.36 0.50 0.00	24.87 0.54 0.00	49.58 1.22 0.00	38.79 1.39 0.00	91.81 4.04 0.00	50.20 2.16 0.00	31.87 1.46 0.00	28.72 1.20 0.00	30.60 1.12 0.00	23.16 0.90 0.00	24.88 0.93 -0.19	27.27 1.04 -0.07	27.72 1.10 -0.88	35.67 1.36 -0.08	40.71 1.47 0.00	32.91 1.52 0.00	37.44 1.73 0.00	51.14 1.98 0.00	36.66 1.06 0.00	29.63 0.76 0.00	28.91 0.53 -0.06
LOVETT___4 23642	25.98 0.63 0.00	23.37 0.41 0.00	21.55 0.41 0.00	21.36 0.50 0.00	24.87 0.54 0.00	49.58 1.22 0.00	38.79 1.39 0.00	91.81 4.04 0.00	50.20 2.16 0.00	31.87 1.46 0.00	28.72 1.20 0.00	30.60 1.12 0.00	23.16 0.90 0.00	24.88 0.93 -0.19	27.27 1.04 -0.07	27.72 1.10 -0.88	35.67 1.36 -0.08	40.71 1.47 0.00	32.91 1.52 0.00	37.44 1.73 0.00	51.14 1.98 0.00	36.66 1.06 0.00	29.63 0.76 0.00	28.91 0.53 -0.06
LOVETT___5 23593	25.98 0.63 0.00	23.37 0.41 0.00	21.55 0.41 0.00	21.36 0.50 0.00	24.87 0.54 0.00	49.58 1.22 0.00	38.79 1.39 0.00	91.81 4.04 0.00	50.20 2.16 0.00	31.87 1.46 0.00	28.72 1.20 0.00	30.60 1.12 0.00	23.16 0.90 0.00	24.88 0.93 -0.19	27.27 1.04 -0.07	27.72 1.10 -0.88	35.67 1.36 -0.08	40.71 1.47 0.00	32.91 1.52 0.00	37.44 1.73 0.00	51.14 1.98 0.00	36.66 1.06 0.00	29.63 0.76 0.00	28.91 0.53 -0.06
LOWER RAQUET___HYD 24057	24.41 -0.94 0.00	22.37 -0.60 0.00	20.60 -0.54 0.00	20.16 -0.71 0.00	23.46 -0.87 0.00	46.77 -1.59 0.00	36.07 -1.33 0.00	84.07 -3.70 0.00	45.96 -2.08 0.00	28.99 -1.42 0.00	26.42 -1.10 0.00	28.63 -0.84 0.00	21.67 -0.59 0.00	23.16 -0.59 0.00	25.51 -0.65 0.00	25.09 -0.65 0.00	33.58 -0.65 0.00	38.47 -0.77 0.00	30.47 -0.91 0.00	34.60 -1.12 0.00	47.91 -1.25 0.00	34.98 -0.62 0.00	28.47 -0.40 0.00	27.76 -0.57 0.00
LOWER___HUDSON 24059	25.97 0.62 0.00	23.49 0.52 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.98 0.64 0.00	49.41 1.05 0.00	38.46 1.06 0.00	91.17 3.40 0.00	49.73 1.69 0.00	31.49 1.08 0.00	28.35 0.84 0.00	30.14 0.66 0.00	22.73 0.46 0.00	23.80 0.48 0.42	26.61 0.60 0.15	24.39 0.52 1.88	34.92 0.86 0.17	40.25 1.00 0.00	32.32 0.93 0.00	36.90 1.19 0.00	50.32 1.15 0.00	36.30 0.70 0.00	29.24 0.36 0.00	28.44 0.23 0.12
LOWVILLE_115KV_TB2 356335	24.24 -1.11 0.00	22.10 -0.87 0.00	20.33 -0.82 0.00	20.07 -0.80 0.00	23.50 -0.84 0.00	46.73 -1.63 0.00	36.64 -0.76 0.00	86.49 -1.28 0.00	46.77 -1.27 0.00	29.74 -0.67 0.00	26.77 -0.75 0.00	28.79 -0.68 0.00	21.64 -0.62 0.00	23.16 -0.59 0.00	25.67 -0.49 0.00	25.28 -0.46 0.00	33.72 -0.52 0.00	38.91 -0.32 0.00	31.16 -0.22 0.00	35.50 -0.21 0.00	49.10 -0.06 0.00	35.22 -0.38 0.00	28.65 -0.23 0.00	27.94 -0.39 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	26.19 0.84 0.00	23.67 0.71 0.00	21.80 0.65 0.00	21.59 0.73 0.00	25.19 0.86 0.00	49.99 1.63 0.00	38.97 1.57 0.00	92.30 4.53 0.00	50.37 2.33 0.00	31.88 1.48 0.00	28.75 1.23 0.00	30.60 1.12 0.00	23.04 0.78 0.00	24.21 0.78 0.32	27.00 0.96 0.12	25.24 0.93 1.43	35.46 1.36 0.13	40.87 1.63 0.00	32.81 1.42 0.00	37.46 1.75 0.00	51.15 1.98 0.00	36.80 1.20 0.00	29.69 0.81 0.00	28.90 0.66 0.09
LUTHERNY_35_KV_BK2 355980	26.20 0.86 0.00	23.69 0.72 0.00	21.81 0.67 0.00	21.60 0.74 0.00	25.20 0.86 0.00	50.01 1.65 0.00	38.98 1.58 0.00	92.38 4.61 0.00	50.40 2.36 0.00	31.91 1.50 0.00	28.77 1.25 0.00	30.62 1.15 0.00	23.06 0.80 0.00	24.23 0.80 0.32	27.01 0.97 0.12	25.26 0.95 1.43	35.48 1.38 0.13	40.90 1.66 0.00	32.83 1.45 0.00	37.49 1.78 0.00	51.19 2.02 0.00	36.83 1.22 0.00	29.71 0.83 0.00	28.92 0.68 0.09
LWR___OSWEGATCHIE_HYD 23850	24.05 -1.30 0.00	21.97 -1.00 0.00	20.23 -0.92 0.00	19.88 -0.99 0.00	23.20 -1.13 0.00	46.21 -2.16 0.00	35.94 -1.46 0.00	84.25 -3.52 0.00	45.78 -2.26 0.00	28.98 -1.42 0.00	26.25 -1.28 0.00	28.33 -1.14 0.00	21.35 -0.91 0.00	22.83 -0.91 0.00	25.24 -0.92 0.00	24.83 -0.91 0.00	33.19 -1.04 0.00	38.19 -1.05 0.00	30.42 -0.96 0.00	34.61 -1.10 0.00	47.91 -1.26 0.00	34.67 -0.93 0.00	28.21 -0.67 0.00	27.52 -0.81 0.00

LYONS_FALL_HYD 23570	24.87 -0.48 0.00	22.59 -0.37 0.00	20.79 -0.35 0.00	20.53 -0.34 0.00	24.01 -0.32 0.00	47.77 -0.59 0.00	37.34 -0.06 0.00	88.08 0.31 0.00	47.81 -0.23 0.00	30.33 -0.08 0.00	27.31 -0.21 0.00	29.32 -0.15 0.00	22.07 -0.20 0.00	23.60 -0.15 0.00	26.09 -0.07 0.00	25.68 -0.06 0.00	34.17 -0.06 0.00	39.35 0.11 0.00	31.58 0.20 0.00	36.00 0.29 0.00	49.69 0.53 0.00	35.71 0.11 0.00	28.99 0.11 0.00	28.33 0.00 0.00
MADISON___COUNTY_LFGE 323628	25.84 0.49 0.00	23.41 0.44 0.00	21.52 0.38 0.00	21.27 0.41 0.00	24.85 0.51 0.00	49.50 1.14 0.00	38.51 1.11 0.00	90.77 3.00 0.00	49.48 1.45 0.00	31.26 0.86 0.00	28.14 0.62 0.00	30.15 0.67 0.00	22.73 0.47 0.00	24.31 0.56 0.00	26.76 0.60 0.00	26.31 0.57 0.00	34.83 0.59 0.00	39.96 0.72 0.00	32.27 0.89 0.00	36.91 1.19 0.00	50.83 1.67 0.00	36.64 1.04 0.00	29.66 0.79 0.00	29.09 0.76 0.00
MALONE___115KV_TB1 356076	25.17 -0.18 0.00	23.16 0.20 0.00	21.35 0.21 0.00	20.64 -0.23 0.00	24.17 -0.16 0.00	48.51 0.14 0.00	37.13 -0.27 0.00	86.67 -1.11 0.00	47.36 -0.68 0.00	30.00 -0.40 0.00	27.52 0.00 0.00	29.84 0.37 0.00	22.56 0.30 0.00	24.10 0.35 0.00	26.51 0.36 0.00	26.18 0.43 0.00	35.15 0.92 0.00	40.23 0.99 0.00	31.86 0.47 0.00	36.10 0.39 0.00	49.68 0.52 0.00	36.47 0.87 0.00	29.67 0.79 0.00	28.91 0.58 0.00
MAPLEWOD_115KV_TB3 80458	26.14 0.79 0.00	23.64 0.67 0.00	21.76 0.62 0.00	21.57 0.70 0.00	25.13 0.80 0.00	49.70 1.34 0.00	38.72 1.32 0.00	91.70 3.93 0.00	50.08 2.04 0.00	31.72 1.32 0.00	28.57 1.05 0.00	30.38 0.90 0.00	22.86 0.60 0.00	24.17 0.69 0.28	26.87 0.81 0.10	25.30 0.79 1.23	35.18 1.06 0.11	40.47 1.22 0.00	32.55 1.17 0.00	37.12 1.41 0.00	50.70 1.53 0.00	36.52 0.93 0.00	29.46 0.58 0.00	28.69 0.44 0.08
MAPLE_RIDGE_WT_1 323574	24.62 -0.73 0.00	22.36 -0.61 0.00	20.62 -0.53 0.00	20.20 -0.67 0.00	23.52 -0.81 0.00	46.77 -1.60 0.00	36.24 -1.16 0.00	84.70 -3.07 0.00	46.79 -1.25 0.00	29.80 -0.60 0.00	27.16 -0.37 0.00	29.22 -0.26 0.00	22.02 -0.24 0.00	23.55 -0.19 0.00	25.99 -0.18 0.00	25.64 -0.09 0.00	34.18 -0.06 0.00	39.18 -0.06 0.00	31.23 -0.15 0.00	35.36 -0.35 0.00	48.74 -0.42 0.00	35.28 -0.32 0.00	28.62 -0.26 0.00	27.95 -0.38 0.00
MAPLE_RIDGE_WT_2 323611	24.62 -0.73 0.00	22.36 -0.61 0.00	20.62 -0.53 0.00	20.20 -0.67 0.00	23.52 -0.81 0.00	46.77 -1.60 0.00	36.24 -1.16 0.00	84.70 -3.07 0.00	46.79 -1.25 0.00	29.80 -0.60 0.00	27.16 -0.37 0.00	29.22 -0.26 0.00	22.02 -0.24 0.00	23.55 -0.19 0.00	25.99 -0.18 0.00	25.64 -0.09 0.00	34.18 -0.06 0.00	39.18 -0.06 0.00	31.23 -0.15 0.00	35.36 -0.35 0.00	48.74 -0.42 0.00	35.28 -0.32 0.00	28.62 -0.26 0.00	27.95 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	25.01 -0.34 0.00	23.10 0.14 0.00	21.32 0.18 0.00	20.54 -0.33 0.00	24.07 -0.27 0.00	48.39 0.03 0.00	37.00 -0.40 0.00	86.19 -1.58 0.00	47.03 -1.00 0.00	29.88 -0.52 0.00	27.51 -0.01 0.00	29.85 0.37 0.00	22.57 0.31 0.00	24.07 0.32 0.00	26.46 0.30 0.00	26.14 0.40 0.00	35.11 0.88 0.00	40.17 0.93 0.00	31.82 0.44 0.00	36.02 0.31 0.00	49.42 0.25 0.00	36.34 0.75 0.00	29.61 0.73 0.00	28.89 0.56 0.00
MARSHVLE_115KV_TB1 80742	26.42 1.07 0.00	23.98 1.01 0.00	22.06 0.91 0.00	21.72 0.85 0.00	25.36 1.03 0.00	50.79 2.43 0.00	39.44 2.04 0.00	92.72 4.95 0.00	50.88 2.85 0.00	32.03 1.63 0.00	29.04 1.51 0.00	31.14 1.66 0.00	23.51 1.25 0.00	24.72 1.14 0.17	27.49 1.39 0.06	26.44 1.46 0.76	35.88 1.72 0.07	41.50 2.26 0.00	33.22 1.83 0.00	37.91 2.20 0.00	52.53 3.37 0.00	37.83 2.23 0.00	30.73 1.86 0.00	30.15 1.87 0.05
MARSH_HILL_WT_PWR 323713	23.56 -1.84 -0.05	21.98 -1.01 -0.02	19.83 -1.33 -0.02	19.84 -1.10 -0.08	24.01 -0.64 -0.31	47.02 -1.41 -0.07	36.09 -1.31 0.00	85.93 -1.85 0.00	47.15 -0.88 0.00	29.79 -0.61 0.00	26.73 -0.79 0.00	28.44 -1.04 0.00	21.40 -0.86 0.00	22.88 -0.87 0.00	25.46 -0.71 0.00	25.31 -0.54 -0.12	33.09 -1.28 -0.13	38.51 -0.77 -0.03	31.02 -0.47 -0.10	35.72 -0.04 -0.05	49.43 0.25 -0.01	35.83 0.23 0.00	29.45 0.58 0.00	28.94 0.61 0.00
MCINTYRE_115KV_TB2 80467	25.31 -0.04 0.00	23.19 0.22 0.00	21.35 0.20 0.00	20.90 0.04 0.00	24.33 -0.01 0.00	48.50 0.14 0.00	37.42 0.02 0.00	87.16 -0.61 0.00	47.57 -0.47 0.00	29.72 -0.68 0.00	27.06 -0.47 0.00	29.38 -0.10 0.00	22.33 0.07 0.00	23.80 0.05 0.00	26.20 0.04 0.00	25.72 -0.02 0.00	34.43 0.19 0.00	39.44 0.20 0.00	31.28 -0.11 0.00	35.72 0.01 0.00	49.60 0.43 0.00	36.22 0.62 0.00	29.47 0.59 0.00	28.73 0.39 0.00
MECO___69_KV_BK1 80468	27.57 2.22 0.00	24.94 1.98 0.00	22.93 1.79 0.00	22.59 1.73 0.00	26.42 2.08 0.00	52.95 4.59 0.00	41.41 4.01 0.00	97.98 10.21 0.00	53.61 5.58 0.00	33.73 3.32 0.00	30.52 3.00 0.00	32.36 2.89 0.00	24.43 2.18 0.00	25.43 1.87 0.19	28.61 2.52 0.07	27.46 2.55 0.84	37.22 3.06 0.08	43.44 4.21 0.00	34.93 3.55 0.00	39.96 4.24 0.00	55.21 6.04 0.00	39.52 3.92 0.00	31.96 3.08 0.00	31.22 2.94 0.05
MENANDS___115KV_TB5 355628	26.13 0.78 0.00	23.63 0.66 0.00	21.76 0.61 0.00	21.57 0.70 0.00	25.12 0.79 0.00	49.66 1.29 0.00	38.68 1.28 0.00	91.59 3.82 0.00	50.02 1.98 0.00	31.69 1.28 0.00	28.55 1.02 0.00	30.34 0.87 0.00	22.83 0.57 0.00	24.13 0.66 0.28	26.84 0.78 0.10	25.26 0.75 1.24	35.13 1.01 0.11	40.42 1.18 0.00	32.50 1.11 0.00	37.06 1.35 0.00	50.60 1.43 0.00	36.46 0.86 0.00	29.41 0.53 0.00	28.64 0.39 0.08
MG INDUSTRY___DRP 24185	26.07 0.72 0.00	23.58 0.62 0.00	21.72 0.58 0.00	21.51 0.64 0.00	25.08 0.75 0.00	49.69 1.33 0.00	38.60 1.20 0.00	91.18 3.41 0.00	49.80 1.76 0.00	31.54 1.13 0.00	28.42 0.89 0.00	30.25 0.78 0.00	22.77 0.51 0.00	24.19 0.58 0.14	26.81 0.70 0.05	25.84 0.72 0.62	35.10 0.92 0.06	40.34 1.09 0.00	32.41 1.02 0.00	36.96 1.24 0.00	50.57 1.40 0.00	36.45 0.85 0.00	29.44 0.57 0.00	28.76 0.46 0.04
MID___OSWEGATCHIE_HYD 23849	24.05 -1.30 0.00	21.97 -1.00 0.00	20.23 -0.92 0.00	19.88 -0.99 0.00	23.20 -1.13 0.00	46.21 -2.16 0.00	35.94 -1.46 0.00	84.25 -3.52 0.00	45.78 -2.26 0.00	28.98 -1.42 0.00	26.25 -1.28 0.00	28.33 -1.14 0.00	21.35 -0.91 0.00	22.83 -0.91 0.00	25.24 -0.92 0.00	24.83 -0.91 0.00	33.19 -1.04 0.00	38.19 -1.05 0.00	30.42 -0.96 0.00	34.61 -1.10 0.00	47.91 -1.26 0.00	34.67 -0.93 0.00	28.21 -0.67 0.00	27.52 -0.81 0.00
MID___RAQUETTE_HYD 23851	24.41 -0.94 0.00	22.37 -0.60 0.00	20.60 -0.54 0.00	20.16 -0.71 0.00	23.46 -0.87 0.00	46.77 -1.59 0.00	36.07 -1.33 0.00	84.07 -3.70 0.00	45.96 -2.08 0.00	28.99 -1.42 0.00	26.42 -1.10 0.00	28.63 -0.84 0.00	21.67 -0.59 0.00	23.16 -0.59 0.00	25.51 -0.65 0.00	25.09 -0.65 0.00	33.58 -0.65 0.00	38.47 -0.77 0.00	30.47 -0.91 0.00	34.60 -1.11 0.00	47.91 -1.25 0.00	34.98 -0.62 0.00	28.47 -0.40 0.00	27.76 -0.57 0.00

MILLIKEN___1 23584	25.53 0.17 0.00	23.06 0.10 0.00	21.23 0.09 0.00	20.92 0.05 0.00	24.53 0.19 0.00	49.03 0.67 0.00	37.94 0.55 0.00	89.47 1.70 0.00	48.76 0.73 0.00	30.66 0.25 0.00	27.55 0.03 0.00	29.50 0.02 0.00	22.35 0.09 0.00	23.82 0.08 0.00	26.24 0.08 0.00	25.73 -0.02 0.00	34.06 -0.17 0.00	39.18 -0.06 0.00	31.62 0.24 0.00	36.23 0.52 0.00	49.94 0.78 0.00	36.03 0.43 0.00	29.21 0.34 0.00	28.80 0.47 0.00
MILLIKEN___2 23585	25.53 0.17 0.00	23.06 0.10 0.00	21.23 0.09 0.00	20.92 0.05 0.00	24.53 0.19 0.00	49.03 0.67 0.00	37.94 0.55 0.00	89.47 1.70 0.00	48.76 0.73 0.00	30.66 0.25 0.00	27.55 0.03 0.00	29.50 0.02 0.00	22.35 0.09 0.00	23.82 0.08 0.00	26.24 0.08 0.00	25.73 -0.02 0.00	34.06 -0.17 0.00	39.18 -0.06 0.00	31.62 0.24 0.00	36.23 0.52 0.00	49.94 0.78 0.00	36.03 0.43 0.00	29.21 0.34 0.00	28.80 0.47 0.00
MILLIKEN___DIESEL 23629	25.53 0.17 0.00	23.06 0.10 0.00	21.23 0.09 0.00	20.92 0.05 0.00	24.53 0.19 0.00	49.03 0.67 0.00	37.94 0.55 0.00	89.47 1.70 0.00	48.76 0.73 0.00	30.66 0.25 0.00	27.55 0.03 0.00	29.50 0.02 0.00	22.35 0.09 0.00	23.82 0.08 0.00	26.24 0.08 0.00	25.73 -0.02 0.00	34.06 -0.17 0.00	39.18 -0.06 0.00	31.62 0.24 0.00	36.23 0.52 0.00	49.94 0.78 0.00	36.03 0.43 0.00	29.21 0.34 0.00	28.80 0.47 0.00
MILLSEAT___LFGE 323607	24.49 -0.85 0.00	22.20 -0.76 0.00	20.22 -0.93 0.00	19.90 -0.97 0.00	23.62 -0.71 0.00	47.29 -1.07 0.00	35.75 -1.65 0.00	84.59 -3.18 0.00	46.27 -1.77 0.00	28.61 -1.79 0.00	25.62 -1.91 0.00	27.47 -2.00 0.00	20.80 -1.46 0.00	22.10 -1.65 0.00	24.24 -1.92 0.00	24.00 -1.75 0.00	31.54 -2.69 0.00	36.14 -3.10 0.00	28.91 -2.47 0.00	33.32 -2.39 0.00	46.85 -2.32 0.00	34.00 -1.60 0.00	28.00 -0.87 0.00	28.04 -0.29 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	26.02 0.67 0.00	23.40 0.43 0.00	21.57 0.43 0.00	21.38 0.52 0.00	24.89 0.55 0.00	49.64 1.28 0.00	38.84 1.44 0.00	91.92 4.15 0.00	50.26 2.23 0.00	31.94 1.54 0.00	28.78 1.26 0.00	30.66 1.18 0.00	23.20 0.94 0.00	24.93 0.98 -0.21	27.32 1.09 -0.08	27.81 1.15 -0.92	35.74 1.43 -0.08	40.76 1.52 0.00	32.98 1.60 0.00	37.52 1.81 0.00	51.20 2.03 0.00	36.69 1.09 0.00	29.65 0.77 0.00	28.92 0.53 -0.06
MILLWOOD_13_KV_LOAD 356217	26.07 0.72 0.00	23.45 0.48 0.00	21.62 0.47 0.00	21.43 0.56 0.00	24.95 0.61 0.00	49.77 1.41 0.00	38.94 1.54 0.00	92.19 4.42 0.00	50.41 2.37 0.00	32.03 1.63 0.00	28.87 1.34 0.00	30.74 1.27 0.00	23.27 1.01 0.00	25.00 1.04 -0.21	27.40 1.17 -0.08	27.90 1.23 -0.92	35.84 1.53 -0.08	40.90 1.66 0.00	33.09 1.70 0.00	37.63 1.91 0.00	51.35 2.18 0.00	36.79 1.19 0.00	29.73 0.85 0.00	28.99 0.60 -0.06
MODEL_CITY_ENERGY 24167	23.84 -1.51 0.00	21.62 -1.35 0.00	19.67 -1.48 0.00	19.35 -1.52 0.00	22.97 -1.36 0.00	45.91 -2.45 0.00	34.51 -2.89 0.00	81.49 -6.28 0.00	44.57 -3.47 0.00	27.57 -2.83 0.00	24.78 -2.75 0.00	26.62 -2.85 0.00	20.16 -2.10 0.00	21.46 -2.29 0.00	23.52 -2.64 0.00	23.26 -2.49 0.00	30.47 -3.77 0.00	34.85 -4.39 0.00	27.83 -3.56 0.00	32.02 -3.70 0.00	45.10 -4.06 0.00	32.82 -2.78 0.00	27.13 -1.75 0.00	27.27 -1.07 0.00
MODERN_LFGE___ 323580	23.84 -1.51 0.00	21.62 -1.35 0.00	19.67 -1.48 0.00	19.35 -1.52 0.00	22.97 -1.36 0.00	45.91 -2.45 0.00	34.51 -2.89 0.00	81.49 -6.28 0.00	44.57 -3.47 0.00	27.57 -2.83 0.00	24.78 -2.75 0.00	26.62 -2.85 0.00	20.16 -2.10 0.00	21.46 -2.29 0.00	23.52 -2.64 0.00	23.26 -2.49 0.00	30.47 -3.77 0.00	34.85 -4.39 0.00	27.83 -3.56 0.00	32.02 -3.70 0.00	45.10 -4.06 0.00	32.82 -2.78 0.00	27.13 -1.75 0.00	27.27 -1.07 0.00
MOHAWK_PAPER___DRP 24187	26.14 0.79 0.00	23.64 0.67 0.00	21.76 0.62 0.00	21.57 0.70 0.00	25.13 0.80 0.00	49.70 1.34 0.00	38.72 1.32 0.00	91.70 3.93 0.00	50.08 2.04 0.00	31.72 1.32 0.00	28.57 1.05 0.00	30.38 0.90 0.00	22.86 0.60 0.00	24.17 0.69 0.28	26.87 0.81 0.10	25.30 0.79 1.23	35.18 1.06 0.11	40.47 1.22 0.00	32.55 1.17 0.00	37.12 1.41 0.00	50.70 1.53 0.00	36.52 0.93 0.00	29.46 0.58 0.00	28.69 0.44 0.08
MOHICAN___35_KV_115KV_LD 80490	26.18 0.83 0.00	23.67 0.71 0.00	21.80 0.65 0.00	21.60 0.74 0.00	25.23 0.89 0.00	50.15 1.79 0.00	39.18 1.78 0.00	93.32 5.54 0.00	50.81 2.77 0.00	32.14 1.73 0.00	29.00 1.48 0.00	30.84 1.37 0.00	23.16 0.90 0.00	24.28 0.84 0.31	27.14 1.10 0.12	25.44 1.10 1.40	35.84 1.73 0.13	41.32 2.08 0.00	33.12 1.74 0.00	37.86 2.14 0.00	51.58 2.42 0.00	36.97 1.37 0.00	29.83 0.95 0.00	28.99 0.75 0.09
MONGAUP___HYD 23641	25.97 0.62 0.00	23.35 0.38 0.00	21.51 0.37 0.00	21.30 0.44 0.00	24.88 0.54 0.00	49.12 0.76 0.00	38.38 0.98 0.00	90.79 3.02 0.00	49.63 1.60 0.00	31.49 1.08 0.00	28.39 0.87 0.00	30.23 0.76 0.00	22.82 0.56 0.00	24.55 0.63 -0.17	26.89 0.67 -0.06	27.25 0.73 -0.78	35.39 1.09 -0.07	40.35 1.11 0.00	32.55 1.17 0.00	37.13 1.42 0.00	50.70 1.53 0.00	36.37 0.77 0.00	29.35 0.48 0.00	28.63 0.25 -0.05
MONTAUK___DIESEL 23721	27.57 1.60 -0.62	24.17 1.20 0.00	22.45 1.31 0.00	22.39 1.52 0.00	25.87 1.53 0.00	52.13 3.77 0.00	40.60 3.20 0.00	95.27 7.49 0.00	48.14 3.28 3.17	18.96 2.26 13.70	29.73 2.21 0.00	31.69 2.20 -0.02	22.74 1.57 1.09	25.88 1.70 -0.43	27.85 1.93 0.24	30.60 2.12 -2.74	43.54 3.10 -6.21	42.49 3.25 0.00	35.24 3.41 -0.45	39.35 3.64 0.00	53.49 4.33 0.00	37.74 2.14 0.00	30.39 1.52 0.00	29.91 1.52 -0.05
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.09 -1.26 0.00	21.61 -1.36 0.00	20.08 -1.06 0.00	19.69 -1.17 0.00	23.63 -0.70 0.00	48.26 -0.10 0.00	36.66 -0.74 0.00	85.59 -2.18 0.00	47.10 -0.93 0.00	29.46 -0.95 0.00	26.56 -0.96 0.00	28.53 -0.94 0.00	21.68 -0.58 0.00	23.02 -0.73 0.00	25.01 -1.15 0.00	24.46 -1.28 0.00	32.28 -1.95 0.00	36.93 -2.31 0.00	29.44 -1.94 0.00	33.94 -1.77 0.00	47.89 -1.28 0.00	34.99 -0.61 0.00	28.70 -0.17 0.00	28.75 0.42 0.00
MORTIMER_115KV_TB3 55949	24.66 -0.68 0.00	22.35 -0.61 0.00	20.44 -0.70 0.00	20.15 -0.72 0.00	23.77 -0.57 0.00	47.51 -0.85 0.00	36.21 -1.20 0.00	85.49 -2.28 0.00	46.70 -1.34 0.00	29.10 -1.31 0.00	26.15 -1.38 0.00	28.04 -1.43 0.00	21.24 -1.03 0.00	22.61 -1.14 0.00	24.84 -1.32 0.00	24.52 -1.22 0.00	32.37 -1.86 0.00	37.15 -2.09 0.00	29.70 -1.68 0.00	34.10 -1.62 0.00	47.53 -1.64 0.00	34.45 -1.15 0.00	28.15 -0.73 0.00	28.02 -0.31 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	26.09 0.74 0.00	23.45 0.49 0.00	21.62 0.47 0.00	21.43 0.56 0.00	24.93 0.59 0.00	49.79 1.43 0.00	38.96 1.56 0.00	92.14 4.37 0.00	50.44 2.40 0.00	32.12 1.71 0.00	28.94 1.42 0.00	30.83 1.36 0.00	23.34 1.08 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.90 1.58 -0.08	40.91 1.67 0.00	33.12 1.74 0.00	37.64 1.93 0.00	51.34 2.18 0.00	36.78 1.18 0.00	29.76 0.88 0.00	28.99 0.60 -0.06

MUNSVILLE_WIND_PWR 323609	26.29 0.94 0.00	23.62 0.65 0.00	21.95 0.81 0.00	21.44 0.57 0.00	25.15 0.81 0.00	50.87 2.51 0.00	39.57 2.17 0.00	93.11 5.34 0.00	50.86 2.83 0.00	32.00 1.60 0.00	28.77 1.25 0.00	31.11 1.64 0.00	23.67 1.41 0.00	25.15 1.41 0.00	27.67 1.51 0.00	27.12 1.38 0.00	35.96 1.72 0.00	41.00 1.76 0.00	33.31 1.93 0.00	38.68 2.97 0.00	53.08 3.91 0.00	38.30 2.70 0.00	30.98 2.10 0.00	30.49 2.16 0.00
N SALMON___HYD 24042	25.17 -0.18 0.00	23.16 0.20 0.00	21.35 0.21 0.00	20.64 -0.23 0.00	24.17 -0.16 0.00	48.51 0.14 0.00	37.13 -0.27 0.00	86.67 -1.11 0.00	47.36 -0.68 0.00	30.00 -0.40 0.00	27.52 0.00 0.00	29.84 0.37 0.00	22.56 0.30 0.00	24.10 0.35 0.00	26.51 0.36 0.00	26.18 0.43 0.00	35.15 0.92 0.00	40.23 0.99 0.00	31.86 0.47 0.00	36.10 0.39 0.00	49.68 0.52 0.00	36.47 0.87 0.00	29.66 0.79 0.00	28.91 0.58 0.00
N.AKRON___115KV_KNAPP 355671	24.47 -0.88 0.00	22.21 -0.76 0.00	20.22 -0.93 0.00	19.90 -0.97 0.00	23.63 -0.71 0.00	47.29 -1.07 0.00	35.75 -1.66 0.00	84.56 -3.21 0.00	46.25 -1.78 0.00	28.61 -1.80 0.00	25.62 -1.90 0.00	27.49 -1.98 0.00	20.84 -1.42 0.00	22.13 -1.62 0.00	24.25 -1.91 0.00	24.01 -1.73 0.00	31.56 -2.67 0.00	36.13 -3.12 0.00	28.88 -2.50 0.00	33.30 -2.42 0.00	46.82 -2.35 0.00	33.99 -1.61 0.00	28.00 -0.87 0.00	28.06 -0.27 0.00
N.BELMOR_69_KV_BK1 55787	29.97 1.17 -3.44	23.68 0.71 0.00	21.84 0.70 0.00	21.67 0.80 0.00	25.18 0.84 0.00	50.46 2.09 0.00	39.42 2.03 0.00	92.35 4.58 0.00	50.43 2.39 0.00	32.10 1.70 0.00	29.07 1.55 0.00	31.54 1.69 -0.37	24.95 1.30 -1.38	27.67 1.39 -2.54	29.66 1.55 -1.95	41.42 1.59 -14.08	43.69 1.96 -7.50	41.13 1.90 0.00	35.66 2.20 -2.07	38.01 2.30 0.00	51.76 2.60 0.00	36.88 1.28 0.00	29.80 0.92 0.00	29.30 0.90 -0.07
N.E_GEN_SANDY PD 24062	25.81 0.46 0.00	23.30 0.34 0.00	21.46 0.32 0.01	21.32 0.45 0.00	25.36 0.46 -0.56	48.43 0.72 0.66	38.30 0.90 0.00	92.73 3.13 -1.84	49.60 1.56 0.00	31.43 1.03 0.00	28.32 0.75 -0.05	30.02 0.55 0.00	22.70 0.44 0.00	19.96 0.39 4.18	25.15 0.48 1.49	8.10 0.43 18.07	33.33 0.73 1.63	39.78 0.91 0.37	29.48 1.03 2.93	37.64 1.25 -0.68	50.22 1.11 0.06	36.30 0.52 -0.18	29.03 0.16 0.00	27.12 -0.05 1.17
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	26.03 0.68 0.00	23.41 0.44 0.00	21.58 0.44 0.00	21.39 0.52 0.00	24.92 0.58 0.00	49.67 1.31 0.00	38.86 1.46 0.00	91.97 4.20 0.00	50.29 2.25 0.00	31.93 1.52 0.00	28.78 1.26 0.00	30.65 1.18 0.00	23.20 0.94 0.00	24.93 0.98 -0.19	27.32 1.09 -0.07	27.76 1.15 -0.88	35.74 1.43 -0.08	40.79 1.55 0.00	32.97 1.59 0.00	37.52 1.81 0.00	51.24 2.08 0.00	36.73 1.13 0.00	29.69 0.82 0.00	28.97 0.58 -0.06
N.QUEENS_27_KV_LOAD 356247	26.10 0.75 0.00	23.45 0.49 0.00	21.65 0.51 0.00	21.49 0.63 0.00	24.90 0.56 0.00	49.81 1.45 0.00	39.01 1.61 0.00	92.15 4.37 0.00	50.52 2.49 0.00	32.19 1.78 0.00	28.98 1.46 0.00	30.87 1.39 0.00	23.40 1.14 0.00	25.14 1.18 -0.21	27.53 1.29 -0.08	28.02 1.35 -0.93	35.86 1.54 -0.08	40.88 1.64 0.00	33.16 1.78 0.00	37.62 1.90 0.00	51.41 2.25 0.00	36.80 1.20 0.00	29.80 0.92 0.00	29.00 0.61 -0.06
N.TROY___115KV_TB1 355778	25.98 0.63 0.00	23.49 0.52 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.98 0.65 0.00	49.41 1.05 0.00	38.46 1.06 0.00	91.17 3.40 0.00	49.73 1.69 0.00	31.49 1.08 0.00	28.35 0.83 0.00	30.14 0.66 0.00	22.72 0.46 0.00	23.80 0.48 0.42	26.60 0.60 0.15	24.39 0.52 1.88	34.92 0.86 0.17	40.25 1.00 0.00	32.32 0.94 0.00	36.90 1.19 0.00	50.31 1.15 0.00	36.30 0.70 0.00	29.24 0.36 0.00	28.44 0.23 0.12
NARROWS_GT1_1 24228	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT1_2 24229	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT1_3 24230	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT1_4 24231	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT1_5 24232	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT1_6 24233	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT1_7 24234	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06

NARROWS_GT1_8 24235	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT2_1 24236	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT2_2 24237	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT2_3 24238	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT2_4 24239	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT2_5 24240	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT2_6 24241	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT2_7 24242	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NARROWS_GT2_8 24243	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.99 1.75 0.00	33.28 1.90 0.00	37.74 2.03 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	26.83 1.48 0.00	24.28 1.31 0.00	22.34 1.19 0.00	22.12 1.26 0.00	25.82 1.49 0.00	51.15 2.79 0.00	39.85 2.45 0.00	94.48 6.71 0.00	51.64 3.60 0.00	32.67 2.26 0.00	29.44 1.92 0.00	31.22 1.75 0.00	23.39 1.13 0.00	24.87 1.23 0.11	27.66 1.54 0.04	26.83 1.55 0.46	36.22 2.03 0.04	41.74 2.50 0.00	33.51 2.12 0.00	38.29 2.58 0.00	52.29 3.12 0.00	37.66 2.06 0.00	30.31 1.44 0.00	29.57 1.27 0.03
NCHELSEA_115KV_TR2 355582	26.11 0.76 0.00	23.50 0.54 0.00	21.66 0.51 0.00	21.47 0.60 0.00	25.00 0.67 0.00	49.83 1.47 0.00	38.98 1.58 0.00	92.30 4.53 0.00	50.48 2.44 0.00	32.05 1.64 0.00	28.89 1.37 0.00	30.76 1.29 0.00	23.25 0.99 0.00	24.93 1.03 -0.15	27.38 1.15 -0.07	27.82 1.19 -0.88	35.86 1.55 -0.08	41.00 1.76 0.00	33.12 1.74 0.00	37.71 2.00 0.00	51.48 2.31 0.00	36.88 1.28 0.00	29.76 0.88 0.00	29.01 0.64 -0.04
NEG CAPITAL___MECHNVIL 23645	26.20 0.85 0.00	23.67 0.70 0.00	21.80 0.65 0.00	21.60 0.73 0.00	25.18 0.85 0.00	49.96 1.60 0.00	38.97 1.57 0.00	92.36 4.59 0.00	50.38 2.35 0.00	31.90 1.49 0.00	28.76 1.24 0.00	30.58 1.11 0.00	23.05 0.79 0.00	24.18 0.79 0.36	26.99 0.97 0.13	25.06 0.92 1.61	35.46 1.37 0.14	40.87 1.63 0.00	32.81 1.43 0.00	37.47 1.76 0.00	51.15 1.98 0.00	36.80 1.21 0.00	29.67 0.79 0.00	28.87 0.64 0.10
NEG CENTRAL_HIGH_ACRES 23767	24.39 -0.95 0.00	22.09 -0.87 0.00	20.24 -0.91 0.00	19.95 -0.92 0.00	23.50 -0.84 0.00	46.98 -1.39 0.00	35.98 -1.42 0.00	84.99 -2.78 0.00	46.38 -1.65 0.00	28.96 -1.45 0.00	26.02 -1.50 0.00	27.86 -1.61 0.00	21.11 -1.15 0.00	22.48 -1.27 0.00	24.72 -1.44 0.00	24.37 -1.37 0.00	32.21 -2.02 0.00	37.01 -2.23 0.00	29.67 -1.71 0.00	34.00 -1.71 0.00	47.22 -1.95 0.00	34.16 -1.44 0.00	27.84 -1.03 0.00	27.66 -0.68 0.00
NEG CENTRAL___DRP 24199	25.08 -0.27 0.00	22.72 -0.25 0.00	20.86 -0.28 0.00	20.58 -0.28 0.00	24.21 -0.13 0.00	48.29 -0.08 0.00	37.28 -0.11 0.00	88.00 0.23 0.00	47.94 -0.10 0.00	30.13 -0.28 0.00	27.09 -0.44 0.00	28.94 -0.54 0.00	21.92 -0.33 0.00	23.33 -0.42 0.00	25.74 -0.42 0.00	25.38 -0.35 0.00	33.48 -0.75 0.00	38.53 -0.71 0.00	31.06 -0.33 0.00	35.49 -0.22 0.00	49.04 -0.12 0.00	35.40 -0.19 0.00	28.87 -0.01 0.00	28.50 0.17 0.00
NEG CENTRAL___INDECK 23768	24.96 -0.42 -0.04	22.74 -0.25 -0.02	20.74 -0.41 -0.01	20.55 -0.38 -0.06	24.60 0.02 -0.24	48.77 0.35 -0.05	37.41 0.01 0.00	88.84 1.07 0.00	48.48 0.44 0.00	30.02 -0.39 0.00	26.79 -0.73 0.00	28.72 -0.76 0.00	21.70 -0.56 0.00	23.07 -0.68 0.00	25.49 -0.67 0.00	25.32 -0.51 -0.09	33.25 -1.08 -0.10	38.42 -0.85 -0.02	31.16 -0.30 -0.08	35.99 0.24 -0.04	50.02 0.85 -0.01	36.14 0.54 0.00	29.53 0.66 0.00	29.18 0.85 0.00

NEG CENTRAL___SENECA 23627	24.95 -0.40 0.00	22.62 -0.34 0.00	20.75 -0.40 0.00	20.48 -0.38 0.00	24.18 -0.16 0.00	48.19 -0.17 0.00	37.20 -0.20 0.00	88.00 0.23 0.00	47.94 -0.10 0.00	30.08 -0.33 0.00	27.01 -0.52 0.00	28.83 -0.65 0.00	21.87 -0.39 0.00	23.29 -0.46 0.00	25.72 -0.44 0.00	25.39 -0.35 0.00	33.40 -0.83 0.00	38.46 -0.78 0.00	31.03 -0.35 0.00	35.47 -0.24 0.00	49.11 -0.05 0.00	35.44 -0.16 0.00	28.99 0.11 0.00	28.57 0.24 0.00
NEG CENTRAL___STATE_STREET 24147	25.48 0.13 0.00	23.07 0.10 0.00	21.23 0.08 0.00	20.92 0.05 0.00	24.45 0.12 0.00	48.93 0.56 0.00	37.80 0.40 0.00	89.02 1.25 0.00	48.39 0.36 0.00	30.49 0.08 0.00	27.48 -0.04 0.00	29.37 -0.10 0.00	22.23 -0.03 0.00	23.59 -0.16 0.00	26.02 -0.15 0.00	25.65 -0.09 0.00	33.87 -0.37 0.00	39.04 -0.20 0.00	31.46 0.08 0.00	35.93 0.22 0.00	49.52 0.35 0.00	35.78 0.18 0.00	29.02 0.15 0.00	28.70 0.36 0.00
NEG MILLWOOD___DRP 24198	26.18 0.83 0.00	23.57 0.60 0.00	21.71 0.56 0.00	21.53 0.66 0.00	25.07 0.73 0.00	49.98 1.62 0.00	39.13 1.73 0.00	92.70 4.92 0.00	50.68 2.64 0.00	32.18 1.78 0.00	29.00 1.48 0.00	30.88 1.40 0.00	23.34 1.08 0.00	25.04 1.12 -0.17	27.49 1.26 -0.08	27.98 1.31 -0.93	36.00 1.69 -0.08	41.14 1.90 0.00	33.27 1.88 0.00	37.87 2.15 0.00	51.67 2.50 0.00	37.01 1.41 0.00	29.86 0.98 0.00	29.10 0.72 -0.05
NEG NORTH_FLCN_SEA 23793	25.33 -0.02 0.00	23.33 0.36 0.00	21.53 0.39 0.00	20.75 -0.12 0.00	24.29 -0.05 0.00	48.80 0.43 0.00	37.48 0.08 0.00	87.30 -0.48 0.00	47.43 -0.61 0.00	30.08 -0.33 0.00	27.65 0.13 0.00	29.99 0.52 0.00	22.67 0.41 0.00	24.17 0.42 0.00	26.63 0.48 0.00	26.32 0.58 0.00	35.37 1.14 0.00	40.43 1.19 0.00	32.02 0.63 0.00	36.17 0.46 0.00	49.71 0.54 0.00	36.74 1.14 0.00	29.95 1.07 0.00	29.23 0.90 0.00
NEG NORTH_KES_CHATEGAY 23792	25.18 -0.17 0.00	23.20 0.23 0.00	21.39 0.25 0.00	20.60 -0.27 0.00	24.16 -0.18 0.00	48.54 0.18 0.00	37.03 -0.37 0.00	86.27 -1.50 0.00	47.13 -0.90 0.00	29.91 -0.50 0.00	27.52 0.00 0.00	29.89 0.42 0.00	22.61 0.35 0.00	24.11 0.36 0.00	26.51 0.35 0.00	26.20 0.46 0.00	35.22 0.99 0.00	40.28 1.04 0.00	31.90 0.52 0.00	36.11 0.40 0.00	49.55 0.38 0.00	36.50 0.90 0.00	29.69 0.82 0.00	28.97 0.64 0.00
NEG NORTH___ALICE_FALLS 23915	25.57 0.22 0.00	23.54 0.58 0.00	21.71 0.56 0.00	20.90 0.03 0.00	24.53 0.20 0.00	49.39 1.03 0.00	37.89 0.48 0.00	88.70 0.93 0.00	48.38 0.34 0.00	30.63 0.23 0.00	28.14 0.62 0.00	30.47 1.00 0.00	22.93 0.67 0.00	24.42 0.68 0.00	26.86 0.70 0.00	26.71 0.97 0.00	35.95 1.71 0.00	41.04 1.80 0.00	32.50 1.11 0.00	36.88 1.17 0.00	50.76 1.59 0.00	37.32 1.72 0.00	30.28 1.41 0.00	29.49 1.16 0.00
NEG NORTH___LWR_SARANAC 23913	25.57 0.22 0.00	23.54 0.58 0.00	21.71 0.56 0.00	20.90 0.03 0.00	24.53 0.20 0.00	49.39 1.03 0.00	37.89 0.48 0.00	88.70 0.93 0.00	48.38 0.34 0.00	30.63 0.23 0.00	28.14 0.62 0.00	30.47 1.00 0.00	22.93 0.67 0.00	24.42 0.68 0.00	26.86 0.70 0.00	26.71 0.97 0.00	35.95 1.71 0.00	41.04 1.80 0.00	32.50 1.11 0.00	36.88 1.17 0.00	50.76 1.59 0.00	37.32 1.72 0.00	30.28 1.41 0.00	29.49 1.16 0.00
NEG NORTH___PLATTSBURG 23628	25.57 0.22 0.00	23.54 0.58 0.00	21.71 0.56 0.00	20.90 0.03 0.00	24.53 0.19 0.00	49.39 1.03 0.00	37.89 0.48 0.00	88.70 0.93 0.00	48.38 0.34 0.00	30.63 0.23 0.00	28.14 0.62 0.00	30.47 1.00 0.00	22.93 0.67 0.00	24.43 0.68 0.00	26.86 0.70 0.00	26.71 0.97 0.00	35.95 1.71 0.00	41.04 1.80 0.00	32.50 1.11 0.00	36.88 1.17 0.00	50.76 1.59 0.00	37.32 1.72 0.00	30.28 1.41 0.00	29.49 1.16 0.00
NEG WEST_LEA_LOCKPORT 23791	24.03 -1.32 0.00	21.82 -1.15 0.00	19.85 -1.29 0.00	19.53 -1.34 0.00	23.21 -1.13 0.00	46.41 -1.95 0.00	34.92 -2.47 0.00	82.57 -5.20 0.00	45.15 -2.89 0.00	27.93 -2.48 0.00	25.06 -2.47 0.00	26.91 -2.56 0.00	20.39 -1.87 0.00	21.67 -2.08 0.00	23.74 -2.42 0.00	23.48 -2.27 0.00	30.76 -3.47 0.00	35.19 -4.05 0.00	28.07 -3.31 0.00	32.32 -3.39 0.00	45.54 -3.62 0.00	33.14 -2.46 0.00	27.42 -1.46 0.00	27.55 -0.78 0.00
NEG WEST___LANCASTER 23811	24.90 -0.45 0.00	22.59 -0.37 0.00	20.62 -0.53 0.00	20.31 -0.56 0.00	24.15 -0.19 0.00	48.41 0.04 0.00	36.63 -0.77 0.00	86.54 -1.24 0.00	47.24 -0.80 0.00	29.35 -1.06 0.00	26.40 -1.13 0.00	28.33 -1.14 0.00	21.50 -0.76 0.00	22.90 -0.85 0.00	25.13 -1.03 0.00	24.85 -0.89 0.00	32.59 -1.65 0.00	37.31 -1.93 0.00	29.74 -1.64 0.00	34.20 -1.51 0.00	47.97 -1.20 0.00	34.86 -0.74 0.00	28.63 -0.25 0.00	28.57 0.24 0.00
NEG_PENN_ALLEGHNY 23528	25.05 -0.27 0.02	22.64 -0.32 0.01	20.84 -0.30 0.01	20.52 -0.31 0.04	24.01 -0.17 0.16	48.21 -0.11 0.03	37.32 -0.08 0.00	88.09 0.32 0.00	48.10 0.07 0.00	30.35 -0.06 0.00	27.36 -0.16 0.00	29.25 -0.23 0.00	22.17 -0.09 0.00	23.64 -0.11 0.00	26.05 -0.11 0.00	25.61 -0.08 0.06	33.87 -0.30 0.06	38.94 -0.28 0.02	31.25 -0.09 0.05	35.73 0.04 0.03	49.25 0.09 0.01	35.56 -0.04 0.00	28.86 -0.02 0.00	28.37 0.04 0.00
NEG___GEN_MONROE 24207	24.78 -0.57 0.00	22.46 -0.50 0.00	20.53 -0.62 0.00	20.23 -0.63 0.00	23.90 -0.44 0.00	47.78 -0.58 0.00	36.39 -1.01 0.00	85.96 -1.81 0.00	46.98 -1.05 0.00	29.21 -1.19 0.00	26.20 -1.32 0.00	28.08 -1.39 0.00	21.27 -0.99 0.00	22.64 -1.11 0.00	24.88 -1.28 0.00	24.58 -1.17 0.00	32.42 -1.82 0.00	37.22 -2.02 0.00	29.79 -1.59 0.00	34.23 -1.48 0.00	47.77 -1.40 0.00	34.61 -0.99 0.00	28.32 -0.55 0.00	28.21 -0.12 0.00
NEPA___ENERGY 23901	24.25 -1.09 0.00	21.90 -1.07 0.00	20.05 -1.10 0.00	19.70 -1.17 0.00	23.56 -0.78 0.00	47.33 -1.03 0.00	36.01 -1.39 0.00	85.28 -2.49 0.00	46.46 -1.58 0.00	28.90 -1.51 0.00	25.97 -1.56 0.00	27.82 -1.66 0.00	21.19 -1.07 0.00	22.61 -1.14 0.00	24.81 -1.35 0.00	24.58 -1.16 0.00	32.18 -2.05 0.00	36.93 -2.31 0.00	29.43 -1.96 0.00	33.75 -1.96 0.00	47.26 -1.91 0.00	34.36 -1.24 0.00	28.14 -0.74 0.00	28.00 -0.34 0.00
NEVERSINK___HYD 23608	26.00 0.66 0.00	23.63 0.67 0.00	21.80 0.65 0.00	21.60 0.74 0.00	25.20 0.86 0.00	50.30 1.94 0.00	39.30 1.90 0.00	92.87 5.10 0.00	50.79 2.76 0.00	32.26 1.85 0.00	29.17 1.65 0.00	31.10 1.63 0.00	23.50 1.24 0.00	25.18 1.32 -0.11	27.57 1.36 -0.05	27.73 1.42 -0.57	36.12 1.83 -0.05	41.38 2.14 0.00	33.40 2.02 0.00	38.01 2.30 0.00	51.92 2.75 0.00	37.19 1.59 0.00	30.03 1.16 0.00	29.30 0.94 -0.03
NEWKRMKL_115KV_TB1 55635	26.26 0.91 0.00	23.74 0.78 0.00	21.86 0.71 0.00	21.67 0.80 0.00	25.25 0.92 0.00	49.94 1.58 0.00	38.91 1.51 0.00	92.15 4.38 0.00	50.32 2.29 0.00	31.89 1.48 0.00	28.73 1.21 0.00	30.53 1.06 0.00	22.97 0.71 0.00	24.30 0.82 0.27	27.02 0.96 0.10	25.48 0.94 1.21	35.36 1.24 0.11	40.70 1.46 0.00	32.72 1.33 0.00	37.31 1.60 0.00	50.94 1.77 0.00	36.70 1.10 0.00	29.60 0.72 0.00	28.82 0.56 0.08

NEWTON___FALLS_HYD 23847	24.05 -1.30 0.00	21.97 -1.00 0.00	20.23 -0.92 0.00	19.88 -0.99 0.00	23.20 -1.13 0.00	46.21 -2.16 0.00	35.94 -1.46 0.00	84.25 -3.52 0.00	45.78 -2.26 0.00	28.98 -1.42 0.00	26.25 -1.28 0.00	28.33 -1.14 0.00	21.35 -0.91 0.00	22.83 -0.91 0.00	25.24 -0.92 0.00	24.83 -0.91 0.00	33.19 -1.04 0.00	38.19 -1.05 0.00	30.42 -0.96 0.00	34.61 -1.10 0.00	47.91 -1.26 0.00	34.67 -0.93 0.00	28.21 -0.67 0.00	27.52 -0.81 0.00
NGRID_A1_DSASP 323792	23.77 -1.57 0.00	21.57 -1.39 0.00	19.63 -1.51 0.00	19.32 -1.55 0.00	22.92 -1.41 0.00	45.69 -2.67 0.00	34.15 -3.25 0.00	80.55 -7.22 0.00	44.04 -4.00 0.00	27.26 -3.15 0.00	24.53 -3.00 0.00	26.38 -3.10 0.00	19.97 -2.28 0.00	21.28 -2.47 0.00	23.34 -2.82 0.00	23.04 -2.70 0.00	30.21 -4.03 0.00	34.56 -4.68 0.00	27.56 -3.83 0.00	31.69 -4.02 0.00	44.63 -4.54 0.00	32.51 -3.08 0.00	26.85 -2.03 0.00	27.00 -1.33 0.00
NGRID_A2_DSASP 323793	23.77 -1.57 0.00	21.57 -1.39 0.00	19.63 -1.51 0.00	19.32 -1.55 0.00	22.92 -1.41 0.00	45.69 -2.67 0.00	34.15 -3.25 0.00	80.55 -7.22 0.00	44.04 -4.00 0.00	27.26 -3.15 0.00	24.53 -3.00 0.00	26.38 -3.10 0.00	19.97 -2.28 0.00	21.28 -2.47 0.00	23.34 -2.82 0.00	23.04 -2.70 0.00	30.21 -4.03 0.00	34.56 -4.68 0.00	27.56 -3.83 0.00	31.69 -4.02 0.00	44.63 -4.54 0.00	32.51 -3.08 0.00	26.85 -2.03 0.00	27.00 -1.33 0.00
NGRID_A4_DSASP 323807	23.77 -1.57 0.00	21.57 -1.39 0.00	19.63 -1.51 0.00	19.32 -1.55 0.00	22.92 -1.41 0.00	45.69 -2.67 0.00	34.15 -3.25 0.00	80.55 -7.22 0.00	44.04 -4.00 0.00	27.26 -3.15 0.00	24.53 -3.00 0.00	26.38 -3.10 0.00	19.97 -2.28 0.00	21.28 -2.47 0.00	23.34 -2.82 0.00	23.04 -2.70 0.00	30.21 -4.03 0.00	34.56 -4.68 0.00	27.56 -3.83 0.00	31.69 -4.02 0.00	44.63 -4.54 0.00	32.51 -3.08 0.00	26.85 -2.03 0.00	27.00 -1.33 0.00
NIAGARA_115E_LBMP 323715	23.71 -1.65 0.00	21.50 -1.47 0.00	19.56 -1.59 0.00	19.24 -1.63 0.00	22.84 -1.50 0.00	45.63 -2.73 0.00	34.26 -3.14 0.00	80.87 -6.91 0.00	44.22 -3.81 0.00	27.37 -3.04 0.00	24.60 -2.92 0.00	26.44 -3.03 0.00	20.03 -2.23 0.00	21.32 -2.43 0.00	23.37 -2.79 0.00	23.11 -2.63 0.00	30.27 -3.97 0.00	34.64 -4.60 0.00	27.64 -3.75 0.00	31.78 -3.93 0.00	44.79 -4.38 0.00	32.61 -2.99 0.00	26.96 -1.91 0.00	27.10 -1.23 0.00
NIAGARA_115W_LBMP 323714	23.73 -1.62 0.00	21.53 -1.44 0.00	19.59 -1.55 0.00	19.28 -1.59 0.00	22.88 -1.46 0.00	45.59 -2.77 0.00	34.06 -3.34 0.00	80.32 -7.45 0.00	43.90 -4.13 0.00	27.18 -3.23 0.00	24.46 -3.07 0.00	26.30 -3.17 0.00	19.92 -2.34 0.00	21.22 -2.53 0.00	23.27 -2.89 0.00	22.98 -2.76 0.00	30.12 -4.11 0.00	34.46 -4.78 0.00	27.48 -3.91 0.00	31.60 -4.11 0.00	44.52 -4.65 0.00	32.43 -3.17 0.00	26.78 -2.09 0.00	26.92 -1.41 0.00
NIAGARA_230_LBMP 323716	23.90 -1.45 0.00	21.68 -1.29 0.00	19.74 -1.40 0.00	19.43 -1.44 0.00	23.06 -1.28 0.00	46.09 -2.27 0.00	34.62 -2.78 0.00	81.74 -6.03 0.00	44.67 -3.37 0.00	27.67 -2.74 0.00	24.90 -2.63 0.00	26.77 -2.71 0.00	20.26 -2.00 0.00	21.60 -2.15 0.00	23.69 -2.47 0.00	23.41 -2.33 0.00	30.69 -3.54 0.00	35.12 -4.12 0.00	27.98 -3.41 0.00	32.17 -3.54 0.00	45.26 -3.90 0.00	32.95 -2.64 0.00	27.17 -1.71 0.00	27.26 -1.07 0.00
NIAGARA___115KV_198_GIBSON 55903	23.70 -1.65 0.00	21.53 -1.44 0.00	19.59 -1.55 0.00	19.28 -1.59 0.00	22.88 -1.46 0.00	45.58 -2.78 0.00	34.06 -3.34 0.00	80.32 -7.45 0.00	43.90 -4.13 0.00	27.18 -3.23 0.00	24.46 -3.07 0.00	26.30 -3.17 0.00	19.95 -2.32 0.00	21.22 -2.52 0.00	23.27 -2.89 0.00	22.98 -2.76 0.00	30.13 -4.10 0.00	34.46 -4.78 0.00	27.47 -3.91 0.00	31.60 -4.11 0.00	44.51 -4.65 0.00	32.43 -3.17 0.00	26.78 -2.09 0.00	26.92 -1.41 0.00
NIAGARA____ 23760	23.90 -1.45 0.00	21.68 -1.29 0.00	19.74 -1.40 0.00	19.43 -1.44 0.00	23.06 -1.28 0.00	46.09 -2.27 0.00	34.62 -2.78 0.00	81.74 -6.03 0.00	44.67 -3.37 0.00	27.67 -2.74 0.00	24.90 -2.63 0.00	26.77 -2.71 0.00	20.26 -2.00 0.00	21.60 -2.15 0.00	23.69 -2.47 0.00	23.41 -2.33 0.00	30.69 -3.54 0.00	35.12 -4.12 0.00	27.98 -3.41 0.00	32.17 -3.54 0.00	45.26 -3.90 0.00	32.95 -2.64 0.00	27.17 -1.71 0.00	27.26 -1.07 0.00
NINE_MILE_1 23575	24.82 -0.53 0.00	22.46 -0.50 0.00	20.67 -0.48 0.00	20.40 -0.47 0.00	23.83 -0.51 0.00	47.37 -0.99 0.00	36.46 -0.94 0.00	85.64 -2.13 0.00	46.80 -1.23 0.00	29.53 -0.88 0.00	26.65 -0.87 0.00	28.52 -0.95 0.00	21.54 -0.72 0.00	22.94 -0.80 0.00	25.26 -0.89 0.00	24.87 -0.87 0.00	32.99 -1.25 0.00	37.85 -1.38 0.00	30.35 -1.03 0.00	34.63 -1.08 0.00	47.71 -1.46 0.00	34.50 -1.10 0.00	28.04 -0.84 0.00	27.75 -0.58 0.00
NINE_MILE_2 23744	24.82 -0.53 0.00	22.47 -0.50 0.00	20.67 -0.48 0.00	20.41 -0.46 0.00	23.83 -0.50 0.00	47.37 -0.99 0.00	36.47 -0.93 0.00	85.66 -2.11 0.00	46.80 -1.23 0.00	29.53 -0.88 0.00	26.66 -0.87 0.00	28.52 -0.95 0.00	21.54 -0.72 0.00	22.95 -0.80 0.00	25.28 -0.88 0.00	24.87 -0.87 0.00	32.99 -1.24 0.00	37.87 -1.38 0.00	30.36 -1.02 0.00	34.64 -1.08 0.00	47.71 -1.45 0.00	34.51 -1.09 0.00	28.04 -0.83 0.00	27.76 -0.57 0.00
NM_CAPITAL___DRP 24208	26.13 0.79 0.00	23.64 0.67 0.00	21.76 0.62 0.00	21.57 0.71 0.00	25.13 0.80 0.00	49.68 1.32 0.00	38.69 1.29 0.00	91.64 3.87 0.00	50.03 1.99 0.00	31.70 1.29 0.00	28.56 1.04 0.00	30.35 0.88 0.00	22.84 0.58 0.00	24.15 0.67 0.28	26.85 0.79 0.10	25.27 0.77 1.24	35.15 1.03 0.11	40.43 1.19 0.00	32.51 1.13 0.00	37.07 1.36 0.00	50.61 1.45 0.00	36.48 0.88 0.00	29.42 0.55 0.00	28.65 0.40 0.08
NM_CENTRAL___DRP 24181	25.14 -0.20 0.00	22.74 -0.23 0.00	20.91 -0.24 0.00	20.63 -0.24 0.00	24.15 -0.19 0.00	48.07 -0.29 0.00	37.05 -0.35 0.00	87.20 -0.57 0.00	47.63 -0.40 0.00	30.01 -0.40 0.00	27.06 -0.47 0.00	28.96 -0.52 0.00	21.87 -0.39 0.00	23.31 -0.44 0.00	25.68 -0.49 0.00	25.26 -0.49 0.00	33.45 -0.78 0.00	38.40 -0.85 0.00	30.83 -0.55 0.00	35.20 -0.51 0.00	48.54 -0.63 0.00	35.05 -0.55 0.00	28.47 -0.40 0.00	28.17 -0.16 0.00
NM_FRONTIER___DRP 24179	23.70 -1.65 0.00	21.53 -1.44 0.00	19.59 -1.55 0.00	19.28 -1.59 0.00	22.88 -1.46 0.00	45.58 -2.78 0.00	34.06 -3.34 0.00	80.32 -7.45 0.00	43.90 -4.13 0.00	27.18 -3.23 0.00	24.46 -3.07 0.00	26.30 -3.17 0.00	19.95 -2.32 0.00	21.22 -2.52 0.00	23.27 -2.89 0.00	22.98 -2.76 0.00	30.13 -4.10 0.00	34.46 -4.78 0.00	27.47 -3.91 0.00	31.60 -4.11 0.00	44.51 -4.65 0.00	32.43 -3.17 0.00	26.78 -2.09 0.00	26.92 -1.41 0.00
NM_ST_REGIS___HYD 24053	24.62 -0.73 0.00	22.59 -0.37 0.00	20.81 -0.33 0.00	20.29 -0.58 0.00	23.66 -0.68 0.00	47.24 -1.12 0.00	36.36 -1.04 0.00	84.78 -2.99 0.00	46.35 -1.69 0.00	29.27 -1.14 0.00	26.72 -0.80 0.00	28.98 -0.50 0.00	21.93 -0.34 0.00	23.42 -0.32 0.00	25.80 -0.36 0.00	25.39 -0.35 0.00	34.02 -0.21 0.00	38.97 -0.27 0.00	30.86 -0.52 0.00	35.01 -0.70 0.00	48.42 -0.74 0.00	35.40 -0.20 0.00	28.81 -0.06 0.00	28.08 -0.25 0.00

NORTHPORT___1 23551	27.03 1.16 -0.52	23.69 0.73 0.00	21.88 0.73 0.00	21.71 0.84 0.00	25.19 0.85 0.00	50.49 2.12 0.00	39.30 1.90 0.00	91.70 3.93 0.00	50.07 2.03 0.00	31.90 1.49 0.00	28.94 1.42 0.00	31.01 1.52 -0.01	22.29 1.21 1.18	25.46 1.36 -0.36	27.33 1.49 0.31	29.62 1.52 -2.35	42.22 1.82 -6.17	40.91 1.67 0.00	33.90 2.12 -0.39	37.85 2.14 0.00	51.51 2.34 0.00	36.55 0.94 0.00	29.52 0.65 0.00	29.13 0.74 -0.05
NORTHPORT___2 23552	27.03 1.16 -0.52	23.69 0.73 0.00	21.88 0.73 0.00	21.71 0.84 0.00	25.19 0.85 0.00	50.49 2.12 0.00	39.30 1.90 0.00	91.70 3.93 0.00	50.07 2.03 0.00	31.90 1.49 0.00	28.94 1.42 0.00	31.01 1.52 -0.01	22.29 1.21 1.18	25.46 1.36 -0.36	27.33 1.49 0.31	29.62 1.52 -2.35	42.22 1.82 -6.17	40.91 1.67 0.00	33.90 2.12 -0.39	37.85 2.14 0.00	51.51 2.34 0.00	36.55 0.94 0.00	29.52 0.65 0.00	29.13 0.74 -0.05
NORTHPORT___3 23553	26.89 1.03 -0.51	23.59 0.62 0.00	21.77 0.62 0.00	21.60 0.73 0.00	25.05 0.72 0.00	50.10 1.74 0.00	39.04 1.64 0.00	91.24 3.47 0.00	49.78 1.74 0.00	31.71 1.31 0.00	28.77 1.24 0.00	30.83 1.35 -0.01	22.23 1.15 1.18	25.37 1.27 -0.35	27.24 1.40 0.32	29.44 1.37 -2.33	42.01 1.59 -6.19	40.67 1.43 0.00	33.65 1.88 -0.39	37.62 1.91 0.00	51.19 2.02 0.00	36.35 0.75 0.00	29.37 0.50 0.00	28.97 0.58 -0.05
NORTHPORT___4 23650	26.89 1.03 -0.51	23.59 0.62 0.00	21.77 0.62 0.00	21.60 0.73 0.00	25.05 0.72 0.00	50.10 1.74 0.00	39.04 1.64 0.00	91.24 3.47 0.00	49.78 1.74 0.00	31.71 1.31 0.00	28.77 1.24 0.00	30.83 1.35 -0.01	22.23 1.15 1.18	25.37 1.27 -0.35	27.24 1.40 0.32	29.44 1.37 -2.33	42.01 1.59 -6.19	40.67 1.43 0.00	33.65 1.88 -0.39	37.62 1.91 0.00	51.19 2.02 0.00	36.35 0.75 0.00	29.37 0.50 0.00	28.97 0.58 -0.05
NORTHPORT___IC 23718	27.02 1.15 -0.52	23.69 0.73 0.00	21.88 0.73 0.00	21.71 0.85 0.00	25.19 0.86 0.00	50.49 2.13 0.00	39.30 1.90 0.00	91.71 3.94 0.00	50.07 2.03 0.00	31.90 1.49 0.00	28.94 1.42 0.00	31.00 1.53 -0.01	22.29 1.20 1.18	25.44 1.34 -0.36	27.31 1.47 0.31	29.60 1.51 -2.35	42.21 1.81 -6.17	40.91 1.67 0.00	33.90 2.12 -0.39	37.85 2.14 0.00	51.52 2.36 0.00	36.55 0.95 0.00	29.52 0.65 0.00	29.13 0.75 -0.05
NORTH___COUNTRY_ESR 323785	25.09 -0.26 0.00	23.13 0.17 0.00	21.34 0.20 0.00	20.54 -0.32 0.00	24.09 -0.25 0.00	48.40 0.04 0.00	36.92 -0.48 0.00	85.97 -1.80 0.00	46.99 -1.05 0.00	29.85 -0.55 0.00	27.51 -0.01 0.00	29.86 0.39 0.00	22.59 0.32 0.00	24.09 0.34 0.00	26.46 0.30 0.00	26.16 0.42 0.00	35.15 0.92 0.00	40.20 0.96 0.00	31.83 0.44 0.00	36.02 0.31 0.00	49.44 0.28 0.00	36.37 0.77 0.00	29.61 0.74 0.00	28.89 0.56 0.00
NPX_GEN_1385_PROXY 323591	26.98 1.11 -0.52	23.66 0.69 0.00	21.84 0.70 0.01	21.70 0.83 0.00	25.18 0.84 0.00	50.49 2.12 0.00	39.29 1.89 0.00	91.26 3.49 0.00	50.06 2.03 0.00	31.77 1.37 0.00	28.80 1.28 0.00	30.86 1.37 -0.01	22.12 1.04 1.18	25.27 1.16 -0.36	27.13 1.29 0.31	29.46 1.37 -2.35	42.03 1.63 -6.17	40.58 1.34 0.00	33.82 2.04 -0.39	37.67 1.96 0.00	51.12 1.96 0.00	36.06 0.47 0.00	10.81 0.24 18.31	28.95 0.57 -0.05
NPX_GEN_CSC 323557	27.33 1.36 -0.62	23.95 0.99 0.00	22.15 1.01 0.01	22.02 1.15 0.00	25.50 1.16 0.00	51.15 2.79 0.00	39.67 2.27 0.00	92.75 4.97 0.00	47.07 1.96 2.92	19.20 1.42 12.63	29.07 1.55 0.00	31.04 1.55 -0.02	22.30 1.13 1.09	25.45 1.27 -0.43	27.29 1.37 0.24	30.01 1.53 -2.74	42.74 2.29 -6.21	41.47 2.23 0.00	34.37 2.54 -0.45	38.31 2.60 0.00	52.11 2.94 0.00	36.75 1.15 0.00	29.65 0.77 0.00	29.21 0.83 -0.05
NSINS_S_GLNS_FALLS 23858	26.14 0.79 0.00	23.64 0.67 0.00	21.76 0.62 0.00	21.57 0.70 0.00	25.19 0.85 0.00	50.07 1.71 0.00	39.13 1.72 0.00	93.14 5.37 0.00	50.73 2.69 0.00	32.11 1.70 0.00	28.99 1.47 0.00	30.82 1.35 0.00	23.14 0.88 0.00	24.26 0.82 0.31	27.11 1.06 0.11	25.43 1.07 1.38	35.78 1.67 0.12	41.24 2.00 0.00	33.07 1.68 0.00	37.80 2.09 0.00	51.51 2.34 0.00	36.93 1.33 0.00	29.79 0.91 0.00	28.95 0.71 0.09
NUCOR_STEEL___DRP 24197	25.51 0.16 0.00	23.08 0.11 0.00	21.24 0.10 0.00	20.94 0.07 0.00	24.45 0.11 0.00	48.93 0.56 0.00	37.80 0.40 0.00	88.99 1.22 0.00	48.37 0.34 0.00	30.49 0.08 0.00	27.48 -0.04 0.00	29.38 -0.10 0.00	22.24 -0.02 0.00	23.59 -0.16 0.00	26.00 -0.16 0.00	25.64 -0.10 0.00	33.86 -0.37 0.00	39.04 -0.20 0.00	31.46 0.07 0.00	35.92 0.21 0.00	49.48 0.31 0.00	35.76 0.16 0.00	28.99 0.11 0.00	28.69 0.35 0.00
NUMBER_THREE_WT_PWR 323818	24.15 -1.19 0.00	22.02 -0.94 0.00	20.26 -0.88 0.00	20.00 -0.86 0.00	23.42 -0.92 0.00	46.56 -1.80 0.00	36.53 -0.87 0.00	86.22 -1.55 0.00	46.59 -1.44 0.00	29.65 -0.75 0.00	26.71 -0.81 0.00	28.73 -0.74 0.00	21.59 -0.67 0.00	23.11 -0.64 0.00	25.62 -0.54 0.00	25.23 -0.51 0.00	33.66 -0.57 0.00	38.86 -0.39 0.00	31.10 -0.29 0.00	35.40 -0.31 0.00	48.98 -0.19 0.00	35.12 -0.48 0.00	28.56 -0.31 0.00	27.87 -0.47 0.00
NYISO_LBMP_REFERENCE 24008	25.35 0.00 0.00	22.97 0.00 0.00	21.14 0.00 0.00	20.87 0.00 0.00	24.34 0.00 0.00	48.36 0.00 0.00	37.40 0.00 0.00	87.77 0.00 0.00	48.03 0.00 0.00	30.41 0.00 0.00	27.52 0.00 0.00	29.47 0.00 0.00	22.26 0.00 0.00	23.75 0.00 0.00	26.16 0.00 0.00	25.74 0.00 0.00	34.23 0.00 0.00	39.24 0.00 0.00	31.38 0.00 0.00	35.71 0.00 0.00	49.16 0.00 0.00	35.60 0.00 0.00	28.87 0.00 0.00	28.33 0.00 0.00
NYPA_BRENTWD___GT 24164	27.49 1.42 -0.73	23.93 0.96 0.00	22.09 0.95 0.00	21.93 1.06 0.00	25.44 1.11 0.00	51.02 2.66 0.00	39.75 2.35 0.00	92.21 4.44 0.00	50.53 2.49 0.00	32.29 1.88 0.00	29.28 1.76 0.00	31.37 1.86 -0.04	22.66 1.39 1.00	25.81 1.55 -0.51	27.72 1.72 0.16	30.69 1.78 -3.17	42.78 2.28 -6.26	41.40 2.16 0.00	34.44 2.54 -0.51	38.41 2.70 0.00	52.27 3.10 0.00	37.06 1.46 0.00	29.92 1.04 0.00	29.46 1.08 -0.06
NYPA_GOWANUS___GT5 24156	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.97 1.73 0.00	33.28 1.89 0.00	37.73 2.02 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06
NYPA_GOWANUS___GT6 24157	26.20 0.84 0.00	23.52 0.55 0.00	21.67 0.53 0.00	21.47 0.60 0.00	24.96 0.63 0.00	49.87 1.51 0.00	39.06 1.66 0.00	92.31 4.54 0.00	50.60 2.57 0.00	32.29 1.88 0.00	29.05 1.53 0.00	30.95 1.47 0.00	23.46 1.20 0.00	25.20 1.24 -0.21	27.61 1.37 -0.08	28.09 1.42 -0.93	35.99 1.67 -0.08	40.97 1.73 0.00	33.28 1.89 0.00	37.73 2.02 0.00	51.56 2.40 0.00	36.94 1.34 0.00	29.97 1.09 0.00	29.13 0.74 -0.06

NYPA_HARLEM__RVR__GT1 24160	26.08 0.73 0.00	23.44 0.48 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.89 0.55 0.00	49.78 1.42 0.00	38.95 1.55 0.00	91.98 4.21 0.00	50.42 2.39 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.82 1.34 0.00	23.36 1.10 0.00	25.09 1.14 -0.21	27.48 1.24 -0.08	27.97 1.30 -0.93	35.81 1.50 -0.08	40.80 1.56 0.00	33.10 1.72 0.00	37.55 1.84 0.00	51.33 2.16 0.00	36.75 1.15 0.00	29.75 0.88 0.00	28.95 0.56 -0.06
NYPA_HARLEM__RVR__GT2 24161	26.08 0.73 0.00	23.44 0.48 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.89 0.55 0.00	49.78 1.42 0.00	38.95 1.55 0.00	91.98 4.21 0.00	50.42 2.39 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.82 1.34 0.00	23.36 1.10 0.00	25.09 1.14 -0.21	27.48 1.24 -0.08	27.97 1.30 -0.93	35.81 1.50 -0.08	40.80 1.56 0.00	33.10 1.72 0.00	37.55 1.84 0.00	51.33 2.16 0.00	36.75 1.15 0.00	29.75 0.88 0.00	28.95 0.56 -0.06
NYPA_KENT____GT 24152	26.19 0.84 0.00	23.52 0.56 0.00	21.68 0.53 0.00	21.48 0.61 0.00	24.98 0.64 0.00	49.90 1.54 0.00	39.08 1.68 0.00	92.35 4.58 0.00	50.61 2.58 0.00	32.29 1.89 0.00	29.07 1.54 0.00	30.97 1.49 0.00	23.47 1.21 0.00	25.21 1.25 -0.21	27.62 1.38 -0.08	28.11 1.43 -0.93	36.02 1.70 -0.08	41.01 1.77 0.00	33.27 1.89 0.00	37.75 2.04 0.00	51.56 2.39 0.00	36.94 1.34 0.00	29.93 1.06 0.00	29.11 0.72 -0.06
NYPA_POUCH1____GT 24155	26.13 0.78 0.00	23.47 0.50 0.00	21.62 0.47 0.00	21.42 0.55 0.00	24.91 0.58 0.00	49.69 1.33 0.00	38.91 1.51 0.00	91.83 4.06 0.01	50.43 2.39 0.00	32.22 1.81 0.00	28.94 1.42 0.00	30.81 1.34 0.00	23.36 1.10 0.00	25.09 1.13 -0.21	27.50 1.26 -0.08	27.98 1.30 -0.93	35.69 1.51 0.05	39.60 1.54 1.19	33.19 1.81 0.00	37.57 1.86 0.00	51.38 2.21 0.00	36.84 1.24 0.00	29.98 1.10 0.00	29.08 0.69 -0.06
NYPA_VERNON____GT2 24162	26.19 0.84 0.00	23.53 0.56 0.00	21.69 0.54 0.00	21.49 0.63 0.00	24.99 0.65 0.00	49.94 1.58 0.00	39.09 1.70 0.00	92.41 4.64 0.00	50.63 2.59 0.00	32.29 1.88 0.00	29.08 1.56 0.00	30.99 1.52 0.00	23.47 1.21 0.00	25.23 1.27 -0.21	27.63 1.40 -0.08	28.12 1.44 -0.93	36.03 1.72 -0.08	41.04 1.80 0.00	33.27 1.89 0.00	37.76 2.05 0.00	51.55 2.39 0.00	36.93 1.33 0.00	29.90 1.03 0.00	29.09 0.70 -0.06
NYPA_VERNON____GT3 24163	26.19 0.84 0.00	23.53 0.56 0.00	21.69 0.54 0.00	21.49 0.63 0.00	24.99 0.65 0.00	49.94 1.58 0.00	39.09 1.70 0.00	92.41 4.64 0.00	50.63 2.59 0.00	32.29 1.88 0.00	29.08 1.56 0.00	30.99 1.52 0.00	23.47 1.21 0.00	25.23 1.27 -0.21	27.63 1.40 -0.08	28.12 1.44 -0.93	36.03 1.72 -0.08	41.04 1.80 0.00	33.27 1.89 0.00	37.76 2.05 0.00	51.55 2.39 0.00	36.93 1.33 0.00	29.90 1.03 0.00	29.09 0.70 -0.06
NYPA__ASTORIA_CC1 323568	26.17 0.82 0.00	23.51 0.55 0.00	21.68 0.53 0.00	21.47 0.61 0.00	24.96 0.63 0.00	49.91 1.55 0.00	39.07 1.67 0.00	92.30 4.53 0.00	50.56 2.53 0.00	32.26 1.85 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.45 1.19 0.00	25.20 1.24 -0.21	27.60 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.73 2.02 0.00	51.49 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.06 0.67 -0.06
NYPA__ASTORIA_CC2 323569	26.17 0.82 0.00	23.51 0.55 0.00	21.68 0.53 0.00	21.47 0.61 0.00	24.96 0.63 0.00	49.91 1.55 0.00	39.07 1.67 0.00	92.30 4.53 0.00	50.56 2.53 0.00	32.26 1.85 0.00	29.05 1.53 0.00	30.95 1.48 0.00	23.45 1.19 0.00	25.20 1.24 -0.21	27.60 1.37 -0.08	28.09 1.42 -0.93	36.00 1.68 -0.08	41.00 1.76 0.00	33.24 1.86 0.00	37.73 2.02 0.00	51.49 2.33 0.00	36.89 1.29 0.00	29.87 0.99 0.00	29.06 0.67 -0.06
NYPA__HOLTSVILL 23794	27.26 1.31 -0.61	23.85 0.89 0.00	22.04 0.90 0.00	21.88 1.02 0.00	25.36 1.03 0.00	50.87 2.51 0.00	39.60 2.20 0.00	92.52 4.75 0.00	50.26 2.22 0.00	32.03 1.62 0.00	29.10 1.57 0.00	31.15 1.66 -0.02	22.40 1.24 1.10	25.53 1.37 -0.42	27.41 1.50 0.25	30.02 1.59 -2.69	42.57 2.13 -6.21	41.30 2.06 0.00	34.24 2.42 -0.44	38.21 2.50 0.00	51.98 2.82 0.00	36.80 1.20 0.00	29.71 0.84 0.00	29.27 0.88 -0.05
NYPA__HELLGATE_GT1 24158	26.08 0.73 0.00	23.44 0.48 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.89 0.55 0.00	49.78 1.42 0.00	38.95 1.55 0.00	91.98 4.21 0.00	50.42 2.39 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.82 1.34 0.00	23.36 1.10 0.00	25.09 1.14 -0.21	27.48 1.24 -0.08	27.97 1.30 -0.93	35.79 1.47 -0.08	40.80 1.56 0.00	33.10 1.72 0.00	37.55 1.84 0.00	51.30 2.13 0.00	36.74 1.14 0.00	29.75 0.88 0.00	28.95 0.56 -0.06
NYPA__HELLGATE_GT2 24159	26.08 0.73 0.00	23.44 0.48 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.89 0.55 0.00	49.78 1.42 0.00	38.95 1.55 0.00	91.98 4.21 0.00	50.42 2.39 0.00	32.12 1.72 0.00	28.92 1.40 0.00	30.82 1.34 0.00	23.36 1.10 0.00	25.09 1.14 -0.21	27.48 1.24 -0.08	27.97 1.30 -0.93	35.79 1.47 -0.08	40.80 1.56 0.00	33.10 1.72 0.00	37.55 1.84 0.00	51.30 2.13 0.00	36.74 1.14 0.00	29.75 0.88 0.00	28.95 0.56 -0.06
NYS_BARGE__HYD 23848	24.07 -1.27 0.00	21.83 -1.13 0.00	19.87 -1.28 0.00	19.54 -1.32 0.00	23.21 -1.12 0.00	46.42 -1.94 0.00	34.94 -2.46 0.00	82.59 -5.18 0.00	45.17 -2.86 0.00	27.94 -2.47 0.00	25.08 -2.44 0.00	26.93 -2.54 0.00	20.39 -1.87 0.00	21.69 -2.06 0.00	23.76 -2.40 0.00	23.51 -2.23 0.00	30.79 -3.44 0.00	35.24 -4.00 0.00	28.14 -3.24 0.00	32.40 -3.31 0.00	45.64 -3.52 0.00	33.20 -2.40 0.00	27.45 -1.43 0.00	27.57 -0.77 0.00
OAK_ORCHARD__HYD 24046	24.68 -0.66 0.00	22.35 -0.61 0.00	20.44 -0.70 0.00	20.15 -0.71 0.00	23.77 -0.57 0.00	47.51 -0.85 0.00	36.21 -1.19 0.00	85.49 -2.29 0.00	46.71 -1.33 0.00	29.10 -1.31 0.00	26.15 -1.38 0.00	28.04 -1.43 0.00	21.22 -1.04 0.00	22.61 -1.14 0.00	24.84 -1.32 0.00	24.52 -1.22 0.00	32.36 -1.87 0.00	37.15 -2.09 0.00	29.71 -1.67 0.00	34.10 -1.61 0.00	47.53 -1.64 0.00	34.45 -1.15 0.00	28.15 -0.72 0.00	28.02 -0.31 0.00
OAKDALE__35_KV_LOAD 356122	25.09 -0.25 0.00	22.67 -0.30 0.00	20.86 -0.28 0.00	20.58 -0.29 0.00	24.18 -0.16 0.00	48.26 -0.10 0.00	37.31 -0.09 0.00	88.02 0.25 0.00	48.07 0.04 0.00	30.33 -0.07 0.00	27.35 -0.17 0.00	29.24 -0.23 0.00	22.15 -0.11 0.00	23.63 -0.12 0.00	26.04 -0.12 0.00	25.67 -0.07 0.00	33.93 -0.30 0.00	38.95 -0.29 0.00	31.29 -0.09 0.00	35.74 0.03 0.00	49.23 0.07 0.00	35.55 -0.04 0.00	28.86 -0.02 0.00	28.37 0.04 0.00
OCC_CHEM__DRP 24175	23.74 -1.61 0.00	21.57 -1.39 0.00	19.63 -1.51 0.00	19.32 -1.55 0.00	22.92 -1.41 0.00	45.69 -2.67 0.00	34.15 -3.25 0.00	80.55 -7.22 0.00	44.04 -4.00 0.00	27.26 -3.15 0.00	24.53 -3.00 0.00	26.38 -3.10 0.00	20.00 -2.26 0.00	21.28 -2.47 0.00	23.34 -2.82 0.00	23.04 -2.70 0.00	30.21 -4.02 0.00	34.56 -4.68 0.00	27.54 -3.84 0.00	31.68 -4.03 0.00	44.63 -4.54 0.00	32.52 -3.08 0.00	26.85 -2.03 0.00	27.00 -1.33 0.00

OH_GEN_PROXY 24063	23.95 -1.40 0.00	21.72 -1.25 0.00	19.77 -1.36 0.01	19.47 -1.39 0.00	23.11 -1.22 0.00	46.21 -2.15 0.00	34.77 -2.63 0.00	82.11 -5.67 0.00	44.85 -3.19 0.00	27.79 -2.61 0.00	25.01 -2.52 0.00	26.88 -2.59 0.00	20.36 -1.91 0.00	21.70 -2.05 0.00	23.81 -2.35 0.00	23.54 -2.20 0.00	30.86 -3.37 0.00	35.31 -3.93 0.00	28.14 -3.25 0.00	32.34 -3.37 0.00	45.49 -3.68 0.00	33.10 -2.50 0.00	27.26 -1.61 0.00	27.32 -1.01 0.00
OLIN_CORP_DRP 24177	23.72 -1.63 0.00	21.55 -1.42 0.00	19.60 -1.54 0.00	19.28 -1.59 0.00	22.89 -1.45 0.00	45.72 -2.64 0.00	34.35 -3.05 0.00	81.09 -6.68 0.00	44.33 -3.70 0.00	27.44 -2.97 0.00	24.67 -2.85 0.00	26.52 -2.95 0.00	20.11 -2.15 0.00	21.39 -2.36 0.00	23.45 -2.71 0.00	23.17 -2.57 0.00	30.35 -3.88 0.00	34.73 -4.51 0.00	27.71 -3.68 0.00	31.88 -3.83 0.00	44.91 -4.25 0.00	32.69 -2.91 0.00	27.02 -1.85 0.00	27.16 -1.17 0.00
OLIN_CORP_DSASP 323712	23.77 -1.57 0.00	21.57 -1.39 0.00	19.63 -1.51 0.00	19.32 -1.55 0.00	22.92 -1.41 0.00	45.69 -2.67 0.00	34.15 -3.25 0.00	80.55 -7.22 0.00	44.04 -4.00 0.00	27.26 -3.15 0.00	24.53 -3.00 0.00	26.38 -3.10 0.00	19.97 -2.28 0.00	21.28 -2.47 0.00	23.34 -2.82 0.00	23.04 -2.70 0.00	30.21 -4.03 0.00	34.56 -4.68 0.00	27.56 -3.83 0.00	31.69 -4.02 0.00	44.63 -4.54 0.00	32.51 -3.08 0.00	26.85 -2.03 0.00	27.00 -1.33 0.00
ONEIDA_HERK_LFGE 323681	25.22 -0.13 0.00	22.88 -0.09 0.00	21.05 -0.09 0.00	20.80 -0.07 0.00	24.30 -0.04 0.00	48.35 -0.01 0.00	37.73 0.33 0.00	88.97 1.20 0.00	48.38 0.34 0.00	30.66 0.25 0.00	27.62 0.10 0.00	29.61 0.14 0.00	22.30 0.03 0.00	23.84 0.09 0.00	26.32 0.16 0.00	25.90 0.16 0.00	34.43 0.20 0.00	39.60 0.36 0.00	31.81 0.42 0.00	36.28 0.57 0.00	50.02 0.86 0.00	35.99 0.39 0.00	29.18 0.31 0.00	28.55 0.22 0.00
ONEIDA___115KV_TB4 55905	25.84 0.49 0.00	23.41 0.44 0.00	21.52 0.38 0.00	21.27 0.41 0.00	24.85 0.51 0.00	49.50 1.14 0.00	38.51 1.11 0.00	90.77 3.00 0.00	49.48 1.45 0.00	31.26 0.86 0.00	28.14 0.62 0.00	30.15 0.67 0.00	22.73 0.47 0.00	24.31 0.56 0.00	26.76 0.60 0.00	26.31 0.57 0.00	34.83 0.59 0.00	39.96 0.72 0.00	32.27 0.89 0.00	36.91 1.19 0.00	50.83 1.67 0.00	36.64 1.04 0.00	29.66 0.79 0.00	29.09 0.76 0.00
ONONDAGA_REF_OCCRA 23987	25.35 0.01 0.00	22.93 -0.03 0.00	21.09 -0.06 0.00	20.80 -0.06 0.00	24.35 0.02 0.00	48.49 0.13 0.00	37.44 0.04 0.00	88.12 0.35 0.00	48.14 0.10 0.00	30.31 -0.09 0.00	27.32 -0.20 0.00	29.24 -0.23 0.00	22.09 -0.17 0.00	23.55 -0.20 0.00	25.94 -0.22 0.00	25.50 -0.24 0.00	33.76 -0.47 0.00	38.74 -0.50 0.00	31.15 -0.23 0.00	35.61 -0.10 0.00	49.09 -0.08 0.00	35.43 -0.16 0.00	28.77 -0.10 0.00	28.43 0.09 0.00
ONONDAGA___COGEN 23986	25.31 -0.04 0.00	22.89 -0.07 0.00	21.06 -0.08 0.00	20.78 -0.09 0.00	24.30 -0.04 0.00	48.41 0.05 0.00	37.36 -0.04 0.00	87.92 0.14 0.00	47.97 -0.07 0.00	30.22 -0.18 0.00	27.24 -0.28 0.00	29.14 -0.33 0.00	22.02 -0.24 0.00	23.46 -0.28 0.00	25.85 -0.31 0.00	25.44 -0.30 0.00	33.70 -0.53 0.00	38.71 -0.53 0.00	31.11 -0.28 0.00	35.52 -0.19 0.00	48.91 -0.25 0.00	35.33 -0.27 0.00	28.69 -0.18 0.00	28.37 0.04 0.00
ONTARIO___LFGE 23819	24.98 -0.38 -0.02	22.63 -0.34 -0.01	20.75 -0.40 -0.01	20.51 -0.38 -0.03	24.31 -0.16 -0.13	48.22 -0.17 -0.03	37.21 -0.19 0.00	88.01 0.23 0.00	47.94 -0.10 0.00	30.08 -0.33 0.00	27.01 -0.52 0.00	28.83 -0.65 0.00	21.87 -0.39 0.00	23.29 -0.46 0.00	25.72 -0.44 0.00	25.44 -0.35 -0.05	33.46 -0.83 -0.05	38.47 -0.78 -0.01	31.07 -0.35 -0.04	35.49 -0.24 -0.02	49.13 -0.04 0.00	35.44 -0.16 0.00	28.99 0.11 0.00	28.58 0.24 0.00
ORANGEVILLE_WT_PWR 323706	23.67 -1.68 0.00	21.50 -1.47 0.00	19.64 -1.50 0.00	19.29 -1.57 0.00	22.96 -1.38 0.00	46.22 -2.14 0.00	35.06 -2.34 0.00	83.53 -4.25 0.00	45.68 -2.36 0.00	28.37 -2.04 0.00	25.48 -2.04 0.00	27.34 -2.14 0.00	20.64 -1.62 0.00	21.93 -1.82 0.00	23.96 -2.20 0.00	23.58 -2.16 0.00	30.80 -3.43 0.00	35.24 -4.00 0.00	28.06 -3.33 0.00	32.25 -3.47 0.00	45.46 -3.71 0.00	33.14 -2.46 0.00	27.45 -1.42 0.00	27.56 -0.77 0.00
ORANGEVILLE___ESR 323794	23.67 -1.68 0.00	21.50 -1.47 0.00	19.64 -1.50 0.00	19.29 -1.57 0.00	22.96 -1.38 0.00	46.22 -2.14 0.00	35.06 -2.34 0.00	83.53 -4.25 0.00	45.68 -2.36 0.00	28.37 -2.04 0.00	25.48 -2.04 0.00	27.34 -2.14 0.00	20.64 -1.62 0.00	21.93 -1.82 0.00	23.96 -2.20 0.00	23.58 -2.16 0.00	30.80 -3.43 0.00	35.24 -4.00 0.00	28.06 -3.33 0.00	32.25 -3.47 0.00	45.46 -3.71 0.00	33.14 -2.46 0.00	27.45 -1.42 0.00	27.56 -0.77 0.00
OSWEGATCHIE___HYD 24044	24.04 -1.31 0.00	21.97 -1.00 0.00	20.23 -0.92 0.00	19.88 -0.99 0.00	23.20 -1.13 0.00	46.21 -2.16 0.00	35.94 -1.46 0.00	84.25 -3.52 0.00	45.78 -2.26 0.00	28.98 -1.42 0.00	26.25 -1.27 0.00	28.33 -1.14 0.00	21.35 -0.91 0.00	22.83 -0.91 0.00	25.24 -0.92 0.00	24.83 -0.92 0.00	33.19 -1.04 0.00	38.19 -1.05 0.00	30.42 -0.96 0.00	34.61 -1.10 0.00	47.91 -1.26 0.00	34.67 -0.93 0.00	28.21 -0.67 0.00	27.52 -0.81 0.00
OSWEGO___5 23606	24.93 -0.43 0.00	22.55 -0.41 0.00	20.75 -0.40 0.00	20.48 -0.39 0.00	23.93 -0.40 0.00	47.60 -0.76 0.00	36.66 -0.74 0.00	86.17 -1.61 0.00	47.08 -0.96 0.00	29.69 -0.71 0.00	26.80 -0.72 0.00	28.68 -0.80 0.00	21.66 -0.60 0.00	23.09 -0.66 0.00	25.42 -0.74 0.00	25.02 -0.72 0.00	33.17 -1.06 0.00	38.09 -1.15 0.00	30.54 -0.84 0.00	34.85 -0.86 0.00	48.02 -1.15 0.00	34.72 -0.88 0.00	28.21 -0.67 0.00	27.90 -0.43 0.00
OSWEGO___6 23613	24.93 -0.43 0.00	22.55 -0.41 0.00	20.75 -0.40 0.00	20.48 -0.39 0.00	23.93 -0.40 0.00	47.60 -0.76 0.00	36.66 -0.74 0.00	86.17 -1.61 0.00	47.08 -0.96 0.00	29.69 -0.71 0.00	26.80 -0.72 0.00	28.68 -0.80 0.00	21.66 -0.60 0.00	23.09 -0.66 0.00	25.42 -0.74 0.00	25.02 -0.72 0.00	33.17 -1.06 0.00	38.09 -1.15 0.00	30.54 -0.84 0.00	34.85 -0.86 0.00	48.02 -1.15 0.00	34.72 -0.88 0.00	28.21 -0.67 0.00	27.90 -0.43 0.00
OUTOKUMPU-AB___DRP 24206	24.22 -1.13 0.00	21.99 -0.98 0.00	20.02 -1.12 0.00	19.71 -1.16 0.00	23.42 -0.92 0.00	46.81 -1.55 0.00	35.19 -2.21 0.00	83.22 -4.55 0.00	45.52 -2.52 0.00	28.20 -2.21 0.00	25.35 -2.17 0.00	27.24 -2.24 0.00	20.65 -1.61 0.00	21.96 -1.78 0.00	24.08 -2.08 0.00	23.79 -1.95 0.00	31.18 -3.05 0.00	35.65 -3.59 0.00	28.44 -2.95 0.00	32.73 -2.98 0.00	46.10 -3.07 0.00	33.53 -2.07 0.00	27.66 -1.22 0.00	27.75 -0.58 0.00
OXBOW___BTM 323836	24.03 -1.32 0.00	21.79 -1.18 0.00	19.83 -1.31 0.00	19.52 -1.35 0.00	23.17 -1.16 0.00	46.28 -2.08 0.00	34.69 -2.70 0.00	81.94 -5.84 0.00	44.81 -3.22 0.00	27.75 -2.65 0.00	24.96 -2.56 0.00	26.83 -2.64 0.00	20.32 -1.94 0.00	21.63 -2.11 0.00	23.73 -2.43 0.00	23.43 -2.31 0.00	30.70 -3.53 0.00	35.14 -4.10 0.00	28.03 -3.36 0.00	32.24 -3.47 0.00	45.41 -3.76 0.00	33.06 -2.54 0.00	27.27 -1.60 0.00	27.39 -0.94 0.00

PJM_GEN_HTP_PROXY 323702	26.07 0.72 0.00	23.42 0.46 0.00	21.59 0.44 0.00	21.40 0.53 0.00	24.89 0.55 0.00	49.72 1.42 0.07	38.95 1.55 0.00	92.09 4.32 0.00	50.41 2.38 0.00	32.13 1.72 0.00	28.99 1.42 -0.05	30.84 1.36 0.00	23.36 1.10 0.00	25.11 1.16 -0.21	27.51 1.28 -0.08	28.01 1.33 -0.93	35.90 1.59 -0.08	40.89 1.65 0.00	30.19 1.73 2.93	37.62 1.91 0.00	51.29 2.12 0.00	36.75 1.15 0.00	29.76 0.88 0.00	28.96 0.57 -0.06
PJM_GEN_KEystone 24065	25.17 -0.18 0.00	22.69 -0.27 0.00	20.85 -0.29 0.00	20.62 -0.25 0.00	24.24 -0.10 0.00	48.33 0.04 0.07	37.40 0.00 0.00	88.52 0.75 0.00	49.69 0.27 -1.38	30.41 0.00 0.00	27.43 -0.15 -0.05	29.25 -0.23 0.00	22.18 -0.08 0.00	23.76 -0.10 -0.11	26.06 -0.15 -0.04	26.20 -0.04 -0.50	33.97 -0.31 -0.05	38.82 -0.42 0.00	28.29 -0.16 2.93	35.66 -0.05 0.00	49.18 0.02 0.00	35.45 -0.15 0.00	28.84 -0.03 0.00	34.57 0.02 -6.22
PJM_GEN_NEPTUNE_PROXY 323594	26.30 0.95 0.00	23.50 0.54 0.00	21.69 0.55 0.00	21.52 0.66 0.00	24.99 0.65 0.00	50.03 1.73 0.07	39.12 1.73 0.00	91.51 3.74 0.00	49.93 1.89 0.00	31.82 1.41 0.00	28.89 1.31 -0.05	30.86 1.46 0.07	21.91 1.16 1.51	24.81 1.25 0.19	26.80 1.40 0.76	27.34 1.40 -0.20	41.86 1.63 -5.99	40.76 1.52 0.00	30.55 1.92 2.75	37.66 1.95 0.00	51.28 2.12 0.00	36.49 0.89 0.00	29.51 0.63 0.00	29.04 0.65 -0.05
PJM_GEN_VFT_PROXY 323633	25.96 0.61 0.00	23.32 0.35 0.00	21.49 0.34 0.00	21.30 0.44 0.00	24.75 0.42 0.00	49.39 1.09 0.07	38.71 1.31 0.00	91.50 3.73 0.00	50.09 2.06 0.00	31.92 1.51 0.00	28.80 1.23 -0.05	30.64 1.16 0.00	23.22 0.96 0.00	24.95 0.99 -0.21	27.33 1.10 -0.08	27.84 1.17 -0.93	35.66 1.35 -0.08	40.54 1.37 0.07	29.97 1.51 2.93	37.36 1.65 0.00	50.95 1.78 0.00	36.50 0.90 0.00	29.56 0.69 0.00	12.13 0.41 16.61
PLATSBRG_115KV_PMLD1 355749	25.31 -0.03 0.00	23.31 0.34 0.00	21.52 0.37 0.00	20.74 -0.13 0.00	24.29 -0.05 0.00	48.80 0.44 0.00	37.46 0.06 0.00	87.24 -0.53 0.00	47.44 -0.60 0.00	30.11 -0.29 0.00	27.69 0.17 0.00	30.04 0.56 0.00	22.71 0.44 0.00	24.20 0.45 0.00	26.67 0.51 0.00	26.35 0.61 0.00	35.41 1.18 0.00	40.48 1.23 0.00	32.07 0.69 0.00	36.26 0.55 0.00	49.76 0.60 0.00	36.72 1.12 0.00	29.92 1.04 0.00	29.22 0.88 0.00
PLEASANTVLY___LBMP 24000	25.83 0.48 0.00	23.26 0.29 0.00	21.44 0.29 0.00	21.25 0.39 0.00	24.74 0.40 0.00	49.24 0.88 0.00	38.50 1.09 0.00	91.14 3.37 0.00	49.82 1.79 0.00	31.64 1.24 0.00	28.51 0.98 0.00	30.35 0.87 0.00	22.93 0.67 0.00	24.67 0.67 -0.24	27.02 0.77 -0.09	27.61 0.80 -1.07	35.36 1.03 -0.10	40.41 1.17 0.00	32.67 1.28 0.00	37.18 1.47 0.00	50.73 1.57 0.00	36.36 0.76 0.00	29.35 0.47 0.00	28.65 0.25 -0.07
PLSNTVLE_13_KV_13.8KV DIST 80602	26.00 0.65 0.00	23.40 0.44 0.00	21.57 0.42 0.00	21.38 0.52 0.00	24.88 0.55 0.00	49.62 1.26 0.00	38.82 1.42 0.00	91.89 4.12 0.00	50.26 2.23 0.00	31.94 1.53 0.00	28.78 1.26 0.00	30.64 1.17 0.00	23.18 0.92 0.00	24.90 0.94 -0.21	27.32 1.08 -0.08	27.82 1.13 -0.95	35.73 1.41 -0.09	40.77 1.53 0.00	32.98 1.60 0.00	37.51 1.80 0.00	51.19 2.03 0.00	36.68 1.08 0.00	29.62 0.74 0.00	28.90 0.51 -0.06
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	26.00 0.65 0.00	23.40 0.44 0.00	21.57 0.42 0.00	21.38 0.52 0.00	24.88 0.55 0.00	49.62 1.26 0.00	38.82 1.42 0.00	91.89 4.12 0.00	50.26 2.23 0.00	31.94 1.53 0.00	28.78 1.26 0.00	30.64 1.17 0.00	23.18 0.92 0.00	24.90 0.94 -0.21	27.32 1.08 -0.08	27.82 1.13 -0.95	35.73 1.41 -0.09	40.77 1.53 0.00	32.98 1.60 0.00	37.51 1.80 0.00	51.19 2.03 0.00	36.68 1.08 0.00	29.62 0.74 0.00	28.90 0.51 -0.06
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.97 0.62 0.00	23.38 0.42 0.00	21.55 0.40 0.00	21.36 0.50 0.00	24.88 0.54 0.00	49.57 1.21 0.00	38.77 1.37 0.00	91.88 4.10 0.00	50.24 2.21 0.00	31.89 1.48 0.00	28.74 1.21 0.00	30.58 1.11 0.00	23.09 0.84 0.00	24.45 0.86 0.15	27.26 1.03 -0.08	27.73 1.08 -0.91	35.72 1.40 -0.08	40.88 1.64 0.00	33.03 1.64 0.00	37.60 1.89 0.00	51.32 2.15 0.00	36.74 1.14 0.00	29.58 0.70 0.00	28.71 0.46 0.08
POLETTI____ 23519	26.04 0.69 0.00	23.39 0.43 0.00	21.57 0.42 0.00	21.38 0.51 0.00	24.85 0.52 0.00	49.69 1.33 0.00	38.87 1.47 0.00	91.92 4.14 0.00	50.31 2.28 0.00	32.06 1.66 0.00	28.89 1.37 0.00	30.78 1.31 0.00	23.32 1.06 0.00	25.07 1.11 -0.21	27.46 1.22 -0.08	27.96 1.28 -0.93	35.83 1.52 -0.08	40.81 1.57 0.00	33.06 1.68 0.00	37.55 1.84 0.00	51.20 2.03 0.00	36.68 1.08 0.00	29.70 0.82 0.00	28.91 0.51 -0.06
POMONA____ESR 323819	26.03 0.68 0.00	23.41 0.44 0.00	21.58 0.44 0.00	21.39 0.52 0.00	24.92 0.58 0.00	49.67 1.31 0.00	38.86 1.46 0.00	91.97 4.20 0.00	50.29 2.25 0.00	31.93 1.52 0.00	28.78 1.26 0.00	30.65 1.18 0.00	23.20 0.94 0.00	24.93 0.98 -0.19	27.32 1.09 -0.07	27.77 1.15 -0.88	35.74 1.43 -0.08	40.79 1.55 0.00	32.97 1.58 0.00	37.52 1.81 0.00	51.24 2.08 0.00	36.73 1.13 0.00	29.69 0.81 0.00	28.97 0.58 -0.06
PORT_JEFF_3 23555	27.31 1.35 -0.61	23.89 0.93 0.00	22.08 0.93 0.00	21.92 1.06 0.00	25.41 1.07 0.00	50.97 2.61 0.00	39.68 2.28 0.00	92.73 4.96 0.00	50.38 2.35 0.00	32.10 1.69 0.00	29.16 1.64 0.00	31.21 1.72 -0.02	22.44 1.28 1.10	25.56 1.39 -0.43	27.43 1.51 0.24	30.06 1.60 -2.72	42.60 2.16 -6.21	41.34 2.10 0.00	34.28 2.45 -0.45	38.26 2.55 0.00	52.03 2.87 0.00	36.84 1.24 0.00	29.74 0.86 0.00	29.28 0.89 -0.05
PORT_JEFF_4 23616	27.31 1.35 -0.61	23.89 0.93 0.00	22.08 0.93 0.00	21.92 1.06 0.00	25.41 1.07 0.00	50.97 2.61 0.00	39.68 2.28 0.00	92.73 4.96 0.00	50.38 2.35 0.00	32.10 1.69 0.00	29.16 1.64 0.00	31.21 1.72 -0.02	22.44 1.28 1.10	25.56 1.39 -0.43	27.43 1.51 0.24	30.06 1.60 -2.72	42.60 2.16 -6.21	41.34 2.10 0.00	34.28 2.45 -0.45	38.26 2.55 0.00	52.03 2.87 0.00	36.84 1.24 0.00	29.74 0.86 0.00	29.28 0.89 -0.05
PORT_JEFF_IC 23713	27.34 1.36 -0.64	23.90 0.93 0.00	22.09 0.95 0.00	21.92 1.06 0.00	25.41 1.08 0.00	50.98 2.62 0.00	39.69 2.29 0.00	92.78 5.01 0.00	50.22 2.38 0.20	31.25 1.72 0.88	29.17 1.65 0.00	31.23 1.73 -0.02	22.46 1.28 1.08	25.57 1.38 -0.44	27.44 1.50 0.23	30.14 1.60 -2.81	42.63 2.18 -6.22	41.38 2.14 0.00	34.33 2.49 -0.46	38.30 2.59 0.00	52.08 2.92 0.00	36.87 1.28 0.00	29.76 0.89 0.00	29.31 0.92 -0.05
PPL PILGRIM_ST_GT1 24216	27.49 1.42 -0.73	23.93 0.96 0.00	22.09 0.95 0.00	21.93 1.06 0.00	25.44 1.11 0.00	51.02 2.66 0.00	39.75 2.35 0.00	92.21 4.44 0.00	50.53 2.49 0.00	32.29 1.88 0.00	29.28 1.76 0.00	31.37 1.86 -0.04	22.66 1.39 1.00	25.81 1.55 -0.51	27.72 1.72 0.16	30.69 1.78 -3.17	42.78 2.28 -6.26	41.40 2.16 0.00	34.44 2.54 -0.51	38.41 2.70 0.00	52.27 3.10 0.00	37.06 1.46 0.00	29.92 1.04 0.00	29.46 1.08 -0.06

PPL PILGRIM_ST_GT2 24217	27.49 1.42 -0.73	23.93 0.96 0.00	22.09 0.95 0.00	21.93 1.06 0.00	25.44 1.11 0.00	51.02 2.66 0.00	39.75 2.35 0.00	92.21 4.44 0.00	50.53 2.49 0.00	32.29 1.88 0.00	29.28 1.76 0.00	31.37 1.86 -0.04	22.66 1.39 1.00	25.81 1.55 -0.51	27.72 1.72 0.16	30.69 1.78 -3.17	42.78 2.28 -6.26	41.40 2.16 0.00	34.44 2.54 -0.51	38.41 2.70 0.00	52.27 3.10 0.00	37.06 1.46 0.00	29.92 1.04 0.00	29.46 1.08 -0.06
PPL_SHRM_GT3 24213	27.37 1.39 -0.63	23.99 1.02 0.00	22.19 1.05 0.00	22.05 1.18 0.00	25.54 1.20 0.00	51.24 2.87 0.00	39.72 2.32 0.00	92.86 5.08 0.00	48.07 1.94 1.91	23.55 1.40 8.26	29.08 1.56 0.00	31.04 1.54 -0.02	22.29 1.12 1.09	25.44 1.26 -0.44	27.28 1.35 0.23	30.03 1.52 -2.77	42.78 2.33 -6.22	41.52 2.28 0.00	34.42 2.58 -0.46	38.36 2.65 0.00	52.17 3.00 0.00	36.77 1.17 0.00	29.66 0.78 0.00	29.22 0.83 -0.05
PPL_SHRM_GT4 24214	27.37 1.39 -0.63	23.99 1.02 0.00	22.19 1.05 0.00	22.05 1.18 0.00	25.54 1.20 0.00	51.24 2.87 0.00	39.72 2.32 0.00	92.86 5.08 0.00	48.07 1.94 1.91	23.55 1.40 8.26	29.08 1.56 0.00	31.04 1.54 -0.02	22.29 1.12 1.09	25.44 1.26 -0.44	27.28 1.35 0.23	30.03 1.52 -2.77	42.78 2.33 -6.22	41.52 2.28 0.00	34.42 2.58 -0.46	38.36 2.65 0.00	52.17 3.00 0.00	36.77 1.17 0.00	29.66 0.78 0.00	29.22 0.83 -0.05
PROJECT___ORANGE 1 24174	25.15 -0.19 0.00	22.75 -0.21 0.00	20.92 -0.23 0.00	20.65 -0.22 0.00	24.16 -0.17 0.00	48.11 -0.25 0.00	37.08 -0.32 0.00	87.24 -0.53 0.00	47.67 -0.37 0.00	30.03 -0.37 0.00	27.08 -0.45 0.00	28.98 -0.50 0.00	21.89 -0.37 0.00	23.34 -0.41 0.00	25.70 -0.46 0.00	25.28 -0.46 0.00	33.48 -0.75 0.00	38.43 -0.81 0.00	30.86 -0.52 0.00	35.24 -0.47 0.00	48.57 -0.60 0.00	35.07 -0.53 0.00	28.50 -0.38 0.00	28.19 -0.15 0.00
PROJECT___ORANGE 2 24166	25.15 -0.19 0.00	22.75 -0.21 0.00	20.92 -0.23 0.00	20.65 -0.22 0.00	24.16 -0.17 0.00	48.11 -0.25 0.00	37.08 -0.32 0.00	87.24 -0.53 0.00	47.67 -0.37 0.00	30.03 -0.37 0.00	27.08 -0.45 0.00	28.98 -0.50 0.00	21.89 -0.37 0.00	23.34 -0.41 0.00	25.70 -0.46 0.00	25.28 -0.46 0.00	33.48 -0.75 0.00	38.43 -0.81 0.00	30.86 -0.52 0.00	35.24 -0.47 0.00	48.57 -0.60 0.00	35.07 -0.53 0.00	28.50 -0.38 0.00	28.19 -0.15 0.00
PUCKETT___SOLAR 323809	25.36 0.03 0.02	22.78 -0.18 0.01	21.11 -0.03 0.01	20.73 -0.11 0.03	24.29 0.08 0.12	48.98 0.64 0.03	37.93 0.53 0.00	89.31 1.53 0.00	48.82 0.79 0.00	30.75 0.34 0.00	27.68 0.15 0.00	29.68 0.20 0.00	22.52 0.26 0.00	23.95 0.21 0.00	26.38 0.22 0.00	25.93 0.23 0.04	34.32 0.13 0.05	39.38 0.15 0.01	31.74 0.40 0.04	36.37 0.68 0.02	50.08 0.92 0.00	36.23 0.63 0.00	29.38 0.51 0.00	28.87 0.53 0.00
PYRITES___HYD 24023	25.10 -0.25 0.00	22.99 0.02 0.00	21.16 0.02 0.00	20.72 -0.15 0.00	24.13 -0.21 0.00	48.11 -0.25 0.00	37.13 -0.27 0.00	86.59 -1.19 0.00	47.24 -0.79 0.00	29.55 -0.85 0.00	26.89 -0.63 0.00	29.18 -0.29 0.00	22.17 -0.09 0.00	23.65 -0.10 0.00	26.04 -0.12 0.00	25.56 -0.18 0.00	34.22 -0.02 0.00	39.23 -0.01 0.00	31.13 -0.26 0.00	35.50 -0.21 0.00	49.28 0.12 0.00	35.96 0.36 0.00	29.27 0.39 0.00	28.52 0.19 0.00
QUAKERRD_115KV_BK1 80622	24.18 -1.17 0.00	21.91 -1.06 0.00	20.07 -1.08 0.00	19.78 -1.08 0.00	23.29 -1.04 0.00	46.52 -1.85 0.00	35.57 -1.83 0.00	83.89 -3.88 0.00	45.81 -2.23 0.00	28.62 -1.78 0.00	25.74 -1.79 0.00	27.59 -1.89 0.00	20.89 -1.37 0.00	22.25 -1.50 0.00	24.46 -1.70 0.00	24.11 -1.63 0.00	31.89 -2.35 0.00	36.61 -2.63 0.00	29.30 -2.08 0.00	33.57 -2.14 0.00	46.67 -2.49 0.00	33.77 -1.83 0.00	27.56 -1.32 0.00	27.39 -0.94 0.00
QUENSBRY_115KV_TB8 356137	26.14 0.79 0.00	23.63 0.67 0.00	21.76 0.62 0.00	21.56 0.70 0.00	25.19 0.85 0.00	50.10 1.74 0.00	39.17 1.77 0.00	93.38 5.61 0.00	50.83 2.79 0.00	32.16 1.75 0.00	29.04 1.51 0.00	30.88 1.41 0.00	23.17 0.91 0.00	24.28 0.84 0.30	27.14 1.10 0.11	25.50 1.12 1.36	35.88 1.77 0.12	41.36 2.12 0.00	33.15 1.76 0.00	37.89 2.18 0.00	51.62 2.45 0.00	36.97 1.37 0.00	29.83 0.95 0.00	28.99 0.74 0.09
RAMAPO___LBMP 323565	25.95 0.60 0.00	23.34 0.38 0.00	21.53 0.38 0.00	21.34 0.47 0.00	24.85 0.51 0.00	49.53 1.17 0.00	38.75 1.34 0.00	91.68 3.91 0.00	50.13 2.09 0.00	31.81 1.41 0.00	28.67 1.15 0.00	30.55 1.07 0.00	23.12 0.86 0.00	24.83 0.89 -0.19	27.23 1.00 -0.07	27.66 1.06 -0.87	35.61 1.30 -0.08	40.64 1.40 0.00	32.86 1.47 0.00	37.38 1.67 0.00	51.05 1.88 0.00	36.60 1.00 0.00	29.58 0.70 0.00	28.87 0.48 -0.06
RANKINE____ 23646	24.34 -1.01 0.00	22.08 -0.88 0.00	20.13 -1.01 0.00	19.80 -1.06 0.00	23.56 -0.78 0.00	47.24 -1.12 0.00	35.69 -1.72 0.00	84.45 -3.32 0.00	46.19 -1.85 0.00	28.64 -1.76 0.00	25.76 -1.76 0.00	27.68 -1.80 0.00	20.99 -1.27 0.00	22.33 -1.42 0.00	24.46 -1.70 0.00	24.16 -1.57 0.00	31.65 -2.58 0.00	36.23 -3.01 0.00	28.87 -2.52 0.00	33.20 -2.51 0.00	46.72 -2.45 0.00	33.99 -1.61 0.00	27.99 -0.88 0.00	28.03 -0.30 0.00
RAVENSWOOD_GT2_1 24244	26.09 0.74 0.00	23.45 0.48 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.95 1.56 0.00	92.13 4.35 0.00	50.44 2.40 0.00	32.13 1.72 0.00	28.95 1.43 0.00	30.84 1.36 0.00	23.35 1.09 0.00	25.10 1.14 -0.21	27.51 1.27 -0.08	28.00 1.32 -0.93	35.90 1.59 -0.08	40.90 1.66 0.00	33.13 1.75 0.00	37.63 1.92 0.00	51.33 2.17 0.00	36.77 1.17 0.00	29.76 0.88 0.00	28.98 0.58 -0.06
RAVENSWOOD_GT2_2 24245	26.09 0.74 0.00	23.45 0.48 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.95 1.56 0.00	92.13 4.35 0.00	50.44 2.40 0.00	32.13 1.72 0.00	28.95 1.43 0.00	30.84 1.36 0.00	23.35 1.09 0.00	25.10 1.14 -0.21	27.51 1.27 -0.08	28.00 1.32 -0.93	35.90 1.59 -0.08	40.90 1.66 0.00	33.13 1.75 0.00	37.63 1.92 0.00	51.33 2.17 0.00	36.77 1.17 0.00	29.76 0.88 0.00	28.98 0.58 -0.06
RAVENSWOOD_GT2_3 24246	26.10 0.75 0.00	23.45 0.49 0.00	21.62 0.47 0.00	21.43 0.56 0.00	24.92 0.59 0.00	49.80 1.44 0.00	38.97 1.57 0.00	92.16 4.39 0.00	50.45 2.41 0.00	32.15 1.74 0.00	28.96 1.44 0.00	30.86 1.38 0.00	23.36 1.10 0.00	25.11 1.16 -0.21	27.51 1.28 -0.08	28.01 1.33 -0.93	35.92 1.61 -0.08	40.92 1.68 0.00	33.14 1.75 0.00	37.64 1.93 0.00	51.35 2.19 0.00	36.79 1.19 0.00	29.78 0.90 0.00	28.99 0.60 -0.06
RAVENSWOOD_GT2_4 24247	26.10 0.75 0.00	23.45 0.49 0.00	21.62 0.47 0.00	21.43 0.56 0.00	24.92 0.59 0.00	49.80 1.44 0.00	38.97 1.57 0.00	92.16 4.39 0.00	50.45 2.41 0.00	32.15 1.74 0.00	28.96 1.44 0.00	30.86 1.38 0.00	23.36 1.10 0.00	25.11 1.16 -0.21	27.51 1.28 -0.08	28.01 1.33 -0.93	35.92 1.61 -0.08	40.92 1.68 0.00	33.14 1.75 0.00	37.64 1.93 0.00	51.35 2.19 0.00	36.79 1.19 0.00	29.78 0.90 0.00	28.99 0.60 -0.06

RAVENSWOOD_GT3_1 24248	26.09 0.74 0.00	23.45 0.48 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.95 1.56 0.00	92.13 4.35 0.00	50.44 2.40 0.00	32.13 1.72 0.00	28.95 1.43 0.00	30.84 1.37 0.00	23.35 1.10 0.00	25.10 1.14 -0.21	27.51 1.27 -0.08	28.00 1.32 -0.93	35.90 1.59 -0.08	40.91 1.67 0.00	33.13 1.75 0.00	37.63 1.92 0.00	51.33 2.17 0.00	36.77 1.17 0.00	29.76 0.88 0.00	28.98 0.58 -0.06
RAVENSWOOD_GT3_2 24249	26.09 0.74 0.00	23.45 0.48 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.95 1.56 0.00	92.13 4.35 0.00	50.44 2.40 0.00	32.13 1.72 0.00	28.95 1.43 0.00	30.84 1.37 0.00	23.35 1.10 0.00	25.10 1.14 -0.21	27.51 1.27 -0.08	28.00 1.32 -0.93	35.90 1.59 -0.08	40.91 1.67 0.00	33.13 1.75 0.00	37.63 1.92 0.00	51.33 2.17 0.00	36.77 1.17 0.00	29.76 0.88 0.00	28.98 0.58 -0.06
RAVENSWOOD_GT3_3 24250	26.13 0.77 0.00	23.48 0.51 0.00	21.64 0.49 0.00	21.45 0.58 0.00	24.94 0.60 0.00	49.84 1.48 0.00	39.01 1.61 0.00	92.25 4.48 0.00	50.50 2.46 0.00	32.18 1.78 0.00	28.99 1.47 0.00	30.89 1.42 0.00	23.39 1.13 0.00	25.14 1.18 -0.21	27.54 1.30 -0.08	28.04 1.37 -0.93	35.96 1.64 -0.08	40.96 1.72 0.00	33.17 1.79 0.00	37.69 1.97 0.00	51.40 2.24 0.00	36.82 1.22 0.00	29.81 0.93 0.00	29.02 0.63 -0.06
RAVENSWOOD_GT3_4 24251	26.13 0.77 0.00	23.48 0.51 0.00	21.64 0.49 0.00	21.45 0.58 0.00	24.94 0.60 0.00	49.84 1.48 0.00	39.01 1.61 0.00	92.25 4.48 0.00	50.50 2.46 0.00	32.18 1.78 0.00	28.99 1.47 0.00	30.89 1.42 0.00	23.39 1.13 0.00	25.14 1.18 -0.21	27.54 1.30 -0.08	28.04 1.37 -0.93	35.96 1.64 -0.08	40.96 1.72 0.00	33.17 1.79 0.00	37.69 1.97 0.00	51.40 2.24 0.00	36.82 1.22 0.00	29.81 0.93 0.00	29.02 0.63 -0.06
RAVENSWOOD_GT_1 23729	26.19 0.84 0.00	23.53 0.56 0.00	21.69 0.54 0.00	21.50 0.63 0.00	24.99 0.65 0.00	49.94 1.59 0.00	39.10 1.70 0.00	92.41 4.64 0.00	50.63 2.59 0.00	32.29 1.88 0.00	29.08 1.56 0.00	30.99 1.52 0.00	23.47 1.21 0.00	25.23 1.27 -0.21	27.63 1.40 -0.08	28.12 1.45 -0.93	36.04 1.72 -0.08	41.04 1.80 0.00	33.27 1.89 0.00	37.75 2.04 0.00	51.55 2.39 0.00	36.93 1.33 0.00	29.90 1.02 0.00	29.10 0.70 -0.06
RAVENSWOOD_GT_10 24258	26.09 0.74 0.00	23.44 0.48 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.95 1.55 0.00	92.13 4.35 0.00	50.43 2.39 0.00	32.12 1.72 0.00	28.94 1.42 0.00	30.84 1.36 0.00	23.35 1.09 0.00	25.10 1.14 -0.21	27.50 1.26 -0.08	28.00 1.32 -0.93	35.90 1.59 -0.08	40.89 1.65 0.00	33.12 1.74 0.00	37.63 1.92 0.00	51.31 2.15 0.00	36.77 1.17 0.00	29.76 0.88 0.00	28.97 0.58 -0.06
RAVENSWOOD_GT_11 24259	26.09 0.74 0.00	23.44 0.48 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.95 1.55 0.00	92.13 4.35 0.00	50.43 2.39 0.00	32.12 1.72 0.00	28.94 1.42 0.00	30.84 1.36 0.00	23.35 1.09 0.00	25.10 1.14 -0.21	27.50 1.26 -0.08	28.00 1.32 -0.93	35.90 1.59 -0.08	40.89 1.65 0.00	33.12 1.74 0.00	37.63 1.92 0.00	51.31 2.15 0.00	36.77 1.17 0.00	29.76 0.88 0.00	28.97 0.58 -0.06
RAVENSWOOD_GT_4 24252	26.09 0.74 0.00	23.44 0.47 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.58 0.00	49.78 1.42 0.00	38.95 1.56 0.00	92.13 4.35 0.00	50.41 2.38 0.00	32.12 1.71 0.00	28.94 1.42 0.00	30.84 1.36 0.00	23.34 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.99 1.32 -0.93	35.89 1.58 -0.08	40.89 1.65 0.00	33.12 1.73 0.00	37.63 1.91 0.00	51.31 2.14 0.00	36.76 1.16 0.00	29.75 0.88 0.00	28.97 0.58 -0.06
RAVENSWOOD_GT_5 24254	26.09 0.74 0.00	23.44 0.47 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.58 0.00	49.78 1.42 0.00	38.95 1.56 0.00	92.13 4.35 0.00	50.41 2.38 0.00	32.12 1.71 0.00	28.94 1.42 0.00	30.84 1.36 0.00	23.34 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.99 1.32 -0.93	35.89 1.58 -0.08	40.89 1.65 0.00	33.12 1.73 0.00	37.63 1.91 0.00	51.31 2.14 0.00	36.76 1.16 0.00	29.75 0.88 0.00	28.97 0.58 -0.06
RAVENSWOOD_GT_6 24253	26.09 0.74 0.00	23.44 0.47 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.58 0.00	49.78 1.42 0.00	38.95 1.56 0.00	92.13 4.35 0.00	50.41 2.38 0.00	32.12 1.71 0.00	28.94 1.42 0.00	30.84 1.36 0.00	23.34 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.99 1.32 -0.93	35.89 1.58 -0.08	40.89 1.65 0.00	33.12 1.73 0.00	37.63 1.91 0.00	51.31 2.14 0.00	36.76 1.16 0.00	29.75 0.88 0.00	28.97 0.58 -0.06
RAVENSWOOD_GT_7 24255	26.09 0.74 0.00	23.44 0.47 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.58 0.00	49.78 1.42 0.00	38.95 1.56 0.00	92.13 4.35 0.00	50.41 2.38 0.00	32.12 1.71 0.00	28.94 1.42 0.00	30.84 1.36 0.00	23.34 1.09 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.99 1.32 -0.93	35.89 1.58 -0.08	40.89 1.65 0.00	33.12 1.73 0.00	37.63 1.91 0.00	51.31 2.14 0.00	36.76 1.16 0.00	29.75 0.88 0.00	28.97 0.58 -0.06
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	26.09 0.74 0.00	23.44 0.48 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.95 1.55 0.00	92.13 4.35 0.00	50.43 2.39 0.00	32.12 1.72 0.00	28.94 1.42 0.00	30.84 1.36 0.00	23.35 1.09 0.00	25.10 1.14 -0.21	27.50 1.26 -0.08	28.00 1.32 -0.93	35.90 1.59 -0.08	40.89 1.65 0.00	33.12 1.74 0.00	37.63 1.92 0.00	51.31 2.15 0.00	36.77 1.17 0.00	29.76 0.88 0.00	28.97 0.58 -0.06
RAVENSWOOD_GT_9 24257	26.09 0.74 0.00	23.44 0.48 0.00	21.61 0.46 0.00	21.42 0.55 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.95 1.55 0.00	92.13 4.35 0.00	50.43 2.39 0.00	32.12 1.72 0.00	28.94 1.42 0.00	30.84 1.36 0.00	23.35 1.09 0.00	25.10 1.14 -0.21	27.50 1.26 -0.08	28.00 1.32 -0.93	35.90 1.59 -0.08	40.89 1.65 0.00	33.12 1.74 0.00	37.63 1.92 0.00	51.31 2.15 0.00	36.77 1.17 0.00	29.76 0.88 0.00	28.97 0.58 -0.06
RAVENSWOOD___1 23533	26.12 0.77 0.00	23.47 0.51 0.00	21.64 0.49 0.00	21.44 0.57 0.00	24.93 0.59 0.00	49.83 1.47 0.00	39.00 1.60 0.00	92.19 4.42 0.00	50.50 2.47 0.00	32.20 1.79 0.00	29.00 1.48 0.00	30.90 1.43 0.00	23.41 1.15 0.00	25.15 1.20 -0.21	27.56 1.32 -0.08	28.05 1.38 -0.93	35.96 1.65 -0.08	40.95 1.71 0.00	33.19 1.81 0.00	37.68 1.97 0.00	51.44 2.27 0.00	36.84 1.24 0.00	29.83 0.95 0.00	29.02 0.63 -0.06
RAVENSWOOD___2 23534	26.12 0.77 0.00	23.47 0.51 0.00	21.64 0.49 0.00	21.44 0.57 0.00	24.93 0.59 0.00	49.83 1.47 0.00	39.00 1.60 0.00	92.19 4.42 0.00	50.50 2.47 0.00	32.20 1.79 0.00	29.00 1.48 0.00	30.90 1.43 0.00	23.41 1.15 0.00	25.15 1.20 -0.21	27.56 1.32 -0.08	28.05 1.38 -0.93	35.96 1.65 -0.08	40.95 1.71 0.00	33.19 1.81 0.00	37.68 1.97 0.00	51.44 2.27 0.00	36.84 1.24 0.00	29.83 0.95 0.00	29.02 0.63 -0.06

RAVENSWOOD___3 23535	26.09 0.74 0.00	23.45 0.48 0.00	21.61 0.46 0.00	21.42 0.56 0.00	24.91 0.57 0.00	49.79 1.43 0.00	38.95 1.56 0.00	92.13 4.35 0.00	50.44 2.40 0.00	32.13 1.72 0.00	28.95 1.43 0.00	30.84 1.37 0.00	23.36 1.10 0.00	25.11 1.15 -0.21	27.51 1.27 -0.08	28.00 1.32 -0.93	35.90 1.59 -0.08	40.91 1.67 0.00	33.13 1.75 0.00	37.63 1.92 0.00	51.33 2.17 0.00	36.77 1.17 0.00	29.76 0.89 0.00	28.98 0.59 -0.06
RAVENSWOOD___4 23820	26.12 0.77 0.00	23.47 0.51 0.00	21.64 0.49 0.00	21.44 0.57 0.00	24.93 0.59 0.00	49.83 1.47 0.00	39.00 1.60 0.00	92.19 4.42 0.00	50.50 2.47 0.00	32.20 1.79 0.00	29.00 1.48 0.00	30.90 1.43 0.00	23.41 1.15 0.00	25.15 1.20 -0.21	27.56 1.32 -0.08	28.05 1.38 -0.93	35.96 1.65 -0.08	40.95 1.71 0.00	33.19 1.81 0.00	37.68 1.97 0.00	51.44 2.27 0.00	36.84 1.24 0.00	29.83 0.95 0.00	29.02 0.63 -0.06
RCPL_TRUST___DRP 24196	26.13 0.78 0.00	23.47 0.50 0.00	21.62 0.47 0.00	21.42 0.56 0.00	24.91 0.58 0.00	49.84 1.48 0.00	39.00 1.59 0.00	92.23 4.45 0.00	50.49 2.46 0.00	32.18 1.78 0.00	28.99 1.47 0.00	30.89 1.42 0.00	23.39 1.13 0.00	25.16 1.20 -0.21	27.56 1.32 -0.08	28.06 1.38 -0.93	35.96 1.65 -0.08	40.95 1.71 0.00	33.16 1.78 0.00	37.67 1.96 0.00	51.35 2.18 0.00	36.79 1.19 0.00	29.79 0.92 0.00	29.00 0.61 -0.06
RED___ROCHESTER 323720	24.79 -0.56 0.00	22.44 -0.53 0.00	20.53 -0.62 0.00	20.22 -0.64 0.00	23.87 -0.47 0.00	47.71 -0.66 0.00	36.38 -1.02 0.00	85.92 -1.86 0.00	46.92 -1.12 0.00	29.22 -1.19 0.00	26.25 -1.27 0.00	28.14 -1.33 0.00	21.31 -0.95 0.00	22.70 -1.04 0.00	24.96 -1.20 0.00	24.65 -1.09 0.00	32.53 -1.71 0.00	37.36 -1.88 0.00	29.89 -1.49 0.00	34.29 -1.41 0.00	47.81 -1.36 0.00	34.62 -0.97 0.00	28.29 -0.58 0.00	28.14 -0.20 0.00
REGAN___SOLAR 323812	27.57 2.22 0.00	24.94 1.98 0.00	22.93 1.79 0.00	22.59 1.73 0.00	26.42 2.08 0.00	52.95 4.59 0.00	41.41 4.01 0.00	97.97 10.20 0.00	53.61 5.57 0.00	33.73 3.32 0.00	30.52 3.00 0.00	32.36 2.89 0.00	24.43 2.17 0.00	25.43 1.87 0.19	28.61 2.52 0.07	27.45 2.55 0.84	37.22 3.06 0.08	43.44 4.21 0.00	34.93 3.55 0.00	39.95 4.24 0.00	55.21 6.04 0.00	39.52 3.92 0.00	31.96 3.08 0.00	31.22 2.94 0.05
RENSSELAER___COGEN 23796	26.13 0.78 0.00	23.64 0.67 0.00	21.76 0.61 0.00	21.57 0.70 0.00	25.13 0.80 0.00	49.70 1.34 0.00	38.71 1.32 0.00	91.64 3.87 0.00	50.04 2.00 0.00	31.71 1.30 0.00	28.56 1.04 0.00	30.36 0.88 0.00	22.84 0.59 0.00	24.16 0.68 0.26	26.86 0.79 0.10	25.37 0.78 1.16	35.16 1.03 0.10	40.45 1.21 0.00	32.52 1.14 0.00	37.09 1.38 0.00	50.66 1.50 0.00	36.49 0.89 0.00	29.44 0.57 0.00	28.68 0.43 0.07
REPUBLIC_115KV_BARTNBRK 55605	26.77 1.42 0.00	24.24 1.27 0.00	22.33 1.19 0.00	22.18 1.31 0.00	25.97 1.63 0.00	51.83 3.47 0.00	40.66 3.26 0.00	98.13 10.35 0.00	53.02 4.98 0.00	33.23 2.82 0.00	29.89 2.37 0.00	31.67 2.19 0.00	23.76 1.50 0.00	24.84 1.41 0.31	27.98 1.94 0.11	26.64 2.28 1.38	37.69 3.58 0.12	43.47 4.23 0.00	34.64 3.26 0.00	39.72 4.01 0.00	53.81 4.64 0.00	38.18 2.58 0.00	30.93 2.05 0.00	30.08 1.84 0.09
REVERE_CPPR_DRP 24186	25.92 0.57 0.00	23.48 0.52 0.00	21.60 0.46 0.00	21.33 0.46 0.00	24.93 0.60 0.00	49.68 1.33 0.00	38.75 1.35 0.00	91.37 3.60 0.00	49.73 1.69 0.00	31.42 1.01 0.00	28.27 0.74 0.00	30.28 0.81 0.00	22.82 0.56 0.00	24.43 0.69 0.00	26.90 0.74 0.00	26.45 0.71 0.00	35.02 0.79 0.00	40.25 1.01 0.00	32.52 1.14 0.00	37.19 1.48 0.00	51.26 2.09 0.00	36.88 1.29 0.00	29.88 1.00 0.00	29.26 0.93 0.00
REYNOLDS_115KV_TB3 80639	26.05 0.69 0.00	23.56 0.59 0.00	21.69 0.54 0.00	21.50 0.64 0.00	25.04 0.71 0.00	49.46 1.10 0.00	38.53 1.13 0.00	91.23 3.46 0.00	49.80 1.77 0.00	31.55 1.14 0.00	28.42 0.90 0.00	30.19 0.72 0.00	22.72 0.45 0.00	24.01 0.55 0.29	26.71 0.65 0.10	25.09 0.62 1.28	34.96 0.84 0.11	40.22 0.97 0.00	32.34 0.96 0.00	36.88 1.17 0.00	50.34 1.18 0.00	36.28 0.68 0.00	29.27 0.40 0.00	28.51 0.26 0.08
RIVERBAY____ 323610	26.11 0.76 0.00	23.51 0.55 0.00	21.70 0.55 0.00	21.55 0.68 0.00	24.96 0.62 0.00	49.99 1.63 0.00	39.13 1.73 0.00	92.45 4.67 0.00	50.67 2.64 0.00	32.22 1.82 0.00	28.99 1.47 0.00	30.86 1.39 0.00	23.37 1.11 0.00	25.10 1.14 -0.21	27.50 1.27 -0.08	28.00 1.32 -0.93	35.85 1.53 -0.08	40.90 1.66 0.00	33.18 1.80 0.00	37.67 1.95 0.00	51.43 2.27 0.00	36.81 1.21 0.00	29.79 0.92 0.00	29.00 0.61 -0.06
RIVERSDE_115KV_TB3 55908	26.13 0.79 0.00	23.64 0.67 0.00	21.76 0.62 0.00	21.57 0.71 0.00	25.13 0.80 0.00	49.68 1.32 0.00	38.69 1.29 0.00	91.64 3.87 0.00	50.03 1.99 0.00	31.70 1.29 0.00	28.56 1.04 0.00	30.35 0.88 0.00	22.84 0.58 0.00	24.15 0.67 0.28	26.85 0.79 0.10	25.27 0.77 1.24	35.15 1.03 0.11	40.43 1.19 0.00	32.51 1.13 0.00	37.07 1.36 0.00	50.61 1.45 0.00	36.48 0.88 0.00	29.42 0.55 0.00	28.65 0.40 0.08
ROARING___BROOK_WT_PWR 323790	24.62 -0.73 0.00	22.36 -0.61 0.00	20.62 -0.53 0.00	20.20 -0.67 0.00	23.52 -0.81 0.00	46.77 -1.60 0.00	36.24 -1.16 0.00	84.70 -3.07 0.00	46.79 -1.25 0.00	29.80 -0.60 0.00	27.16 -0.37 0.00	29.22 -0.26 0.00	22.02 -0.24 0.00	23.55 -0.19 0.00	25.99 -0.18 0.00	25.64 -0.09 0.00	34.18 -0.06 0.00	39.18 -0.06 0.00	31.23 -0.15 0.00	35.36 -0.35 0.00	48.74 -0.42 0.00	35.28 -0.32 0.00	28.62 -0.26 0.00	27.95 -0.38 0.00
ROCHESRG_115KV_T4 355643	24.58 -0.77 0.00	22.27 -0.69 0.00	20.38 -0.76 0.00	20.08 -0.79 0.00	23.69 -0.65 0.00	47.31 -1.05 0.00	36.05 -1.35 0.00	85.08 -2.69 0.00	46.48 -1.56 0.00	28.97 -1.43 0.00	26.05 -1.47 0.00	27.93 -1.54 0.00	21.15 -1.11 0.00	22.53 -1.22 0.00	24.76 -1.40 0.00	24.43 -1.31 0.00	32.24 -1.99 0.00	36.99 -2.25 0.00	29.58 -1.81 0.00	33.93 -1.78 0.00	47.29 -1.88 0.00	34.28 -1.32 0.00	28.03 -0.85 0.00	27.90 -0.43 0.00
ROCHESTER_9_IC 23652	24.69 -0.66 0.00	22.37 -0.59 0.00	20.46 -0.68 0.00	20.16 -0.70 0.00	23.79 -0.54 0.00	47.56 -0.80 0.00	36.24 -1.15 0.00	85.57 -2.21 0.00	46.75 -1.29 0.00	29.12 -1.28 0.00	26.17 -1.35 0.00	28.06 -1.41 0.00	21.26 -1.00 0.00	22.63 -1.11 0.00	24.87 -1.29 0.00	24.55 -1.19 0.00	32.41 -1.83 0.00	37.20 -2.05 0.00	29.74 -1.64 0.00	34.14 -1.58 0.00	47.58 -1.58 0.00	34.48 -1.12 0.00	28.18 -0.70 0.00	28.04 -0.29 0.00
ROCKVIEW_13_KV_LD 356306	26.12 0.77 0.00	23.49 0.53 0.00	21.65 0.50 0.00	21.46 0.60 0.00	24.98 0.64 0.00	49.84 1.49 0.00	39.01 1.61 0.00	92.35 4.58 0.00	50.50 2.47 0.00	32.12 1.71 0.00	28.96 1.44 0.00	30.85 1.38 0.00	23.34 1.08 0.00	25.09 1.13 -0.21	27.49 1.25 -0.08	27.98 1.31 -0.93	35.94 1.62 -0.08	40.99 1.75 0.00	33.17 1.79 0.00	37.72 2.01 0.00	51.48 2.31 0.00	36.87 1.27 0.00	29.79 0.92 0.00	29.05 0.66 -0.06

ROME____115KV_TB2 80656	25.92 0.57 0.00	23.48 0.52 0.00	21.60 0.46 0.00	21.33 0.46 0.00	24.93 0.60 0.00	49.68 1.33 0.00	38.75 1.35 0.00	91.37 3.60 0.00	49.73 1.69 0.00	31.42 1.01 0.00	28.27 0.74 0.00	30.28 0.81 0.00	22.82 0.56 0.00	24.43 0.69 0.00	26.90 0.74 0.00	26.45 0.71 0.00	35.02 0.79 0.00	40.25 1.01 0.00	32.52 1.14 0.00	37.19 1.48 0.00	51.26 2.09 0.00	36.88 1.29 0.00	29.88 1.00 0.00	29.26 0.93 0.00
ROSETON____1 23587	25.84 0.49 0.00	23.27 0.30 0.00	21.44 0.30 0.00	21.25 0.39 0.00	24.75 0.41 0.00	49.28 0.92 0.00	38.52 1.12 0.00	91.14 3.37 0.00	49.83 1.80 0.00	31.64 1.24 0.00	28.51 0.99 0.00	30.37 0.90 0.00	22.96 0.70 0.00	24.66 0.72 -0.20	27.03 0.80 -0.07	27.47 0.85 -0.88	35.38 1.07 -0.08	40.42 1.18 0.00	32.66 1.28 0.00	37.18 1.47 0.00	50.76 1.59 0.00	36.39 0.80 0.00	29.40 0.52 0.00	28.69 0.30 -0.06
ROSETON____2 23588	25.84 0.49 0.00	23.27 0.30 0.00	21.44 0.30 0.00	21.25 0.39 0.00	24.75 0.41 0.00	49.28 0.92 0.00	38.52 1.12 0.00	91.14 3.37 0.00	49.83 1.80 0.00	31.64 1.24 0.00	28.51 0.99 0.00	30.37 0.90 0.00	22.96 0.70 0.00	24.66 0.72 -0.20	27.03 0.80 -0.07	27.47 0.85 -0.88	35.38 1.07 -0.08	40.42 1.18 0.00	32.66 1.28 0.00	37.18 1.47 0.00	50.76 1.59 0.00	36.39 0.80 0.00	29.40 0.52 0.00	28.69 0.30 -0.06
ROTTREDAM_115KV_TB3 80664	25.82 0.47 0.00	23.34 0.38 0.00	21.50 0.35 0.00	21.27 0.41 0.00	24.80 0.46 0.00	49.25 0.89 0.00	38.32 0.93 0.00	90.49 2.72 0.00	49.46 1.42 0.00	31.32 0.91 0.00	28.26 0.74 0.00	30.14 0.66 0.00	22.71 0.45 0.00	23.98 0.46 0.23	26.64 0.57 0.08	25.30 0.57 1.01	34.89 0.75 0.09	40.15 0.91 0.00	32.25 0.86 0.00	36.76 1.05 0.00	50.36 1.20 0.00	36.28 0.68 0.00	29.33 0.45 0.00	28.61 0.34 0.06
RUSSELL____1 23602	24.77 -0.58 0.00	22.44 -0.53 0.00	20.53 -0.62 0.00	20.23 -0.64 0.00	23.86 -0.47 0.00	47.70 -0.66 0.00	36.39 -1.01 0.00	85.92 -1.86 0.00	46.92 -1.12 0.00	29.21 -1.19 0.00	26.25 -1.27 0.00	28.15 -1.33 0.00	21.32 -0.94 0.00	22.70 -1.04 0.00	24.96 -1.20 0.00	24.65 -1.09 0.00	32.53 -1.71 0.00	37.36 -1.88 0.00	29.89 -1.50 0.00	34.30 -1.42 0.00	47.81 -1.36 0.00	34.62 -0.97 0.00	28.29 -0.58 0.00	28.14 -0.19 0.00
RUSSELL____2 23532	24.77 -0.58 0.00	22.44 -0.53 0.00	20.53 -0.62 0.00	20.23 -0.64 0.00	23.86 -0.47 0.00	47.70 -0.66 0.00	36.39 -1.01 0.00	85.92 -1.86 0.00	46.92 -1.12 0.00	29.21 -1.19 0.00	26.25 -1.27 0.00	28.15 -1.33 0.00	21.32 -0.94 0.00	22.70 -1.04 0.00	24.96 -1.20 0.00	24.65 -1.09 0.00	32.53 -1.71 0.00	37.36 -1.88 0.00	29.89 -1.50 0.00	34.30 -1.42 0.00	47.81 -1.36 0.00	34.62 -0.97 0.00	28.29 -0.58 0.00	28.14 -0.19 0.00
RUSSELL____3 23549	24.77 -0.58 0.00	22.44 -0.53 0.00	20.53 -0.62 0.00	20.23 -0.64 0.00	23.86 -0.47 0.00	47.70 -0.66 0.00	36.39 -1.01 0.00	85.92 -1.86 0.00	46.92 -1.12 0.00	29.21 -1.19 0.00	26.25 -1.27 0.00	28.15 -1.33 0.00	21.32 -0.94 0.00	22.70 -1.04 0.00	24.96 -1.20 0.00	24.65 -1.09 0.00	32.53 -1.71 0.00	37.36 -1.88 0.00	29.89 -1.50 0.00	34.30 -1.42 0.00	47.81 -1.36 0.00	34.62 -0.97 0.00	28.29 -0.58 0.00	28.14 -0.19 0.00
RUSSELL____4 23556	24.77 -0.58 0.00	22.44 -0.53 0.00	20.53 -0.62 0.00	20.23 -0.64 0.00	23.86 -0.47 0.00	47.70 -0.66 0.00	36.39 -1.01 0.00	85.92 -1.86 0.00	46.92 -1.12 0.00	29.21 -1.19 0.00	26.25 -1.27 0.00	28.15 -1.33 0.00	21.32 -0.94 0.00	22.70 -1.04 0.00	24.96 -1.20 0.00	24.65 -1.09 0.00	32.53 -1.71 0.00	37.36 -1.88 0.00	29.89 -1.50 0.00	34.30 -1.42 0.00	47.81 -1.36 0.00	34.62 -0.97 0.00	28.29 -0.58 0.00	28.14 -0.19 0.00
RUSSELL____STATION 23914	24.77 -0.58 0.00	22.44 -0.53 0.00	20.53 -0.62 0.00	20.23 -0.64 0.00	23.86 -0.47 0.00	47.70 -0.66 0.00	36.39 -1.01 0.00	85.92 -1.86 0.00	46.92 -1.12 0.00	29.21 -1.19 0.00	26.25 -1.27 0.00	28.15 -1.33 0.00	21.32 -0.94 0.00	22.70 -1.04 0.00	24.96 -1.20 0.00	24.65 -1.09 0.00	32.53 -1.71 0.00	37.36 -1.88 0.00	29.89 -1.50 0.00	34.30 -1.42 0.00	47.81 -1.36 0.00	34.62 -0.97 0.00	28.29 -0.58 0.00	28.14 -0.19 0.00
S SALMON____HYD 24043	24.64 -0.71 0.00	22.30 -0.66 0.00	20.52 -0.63 0.00	20.27 -0.60 0.00	23.70 -0.63 0.00	47.11 -1.26 0.00	36.48 -0.92 0.00	85.82 -1.95 0.00	46.66 -1.38 0.00	29.49 -0.92 0.00	26.53 -0.99 0.00	28.40 -1.08 0.00	21.37 -0.89 0.00	22.82 -0.93 0.00	25.23 -0.93 0.00	24.79 -0.95 0.00	32.92 -1.31 0.00	37.96 -1.28 0.00	30.48 -0.90 0.00	34.82 -0.89 0.00	48.01 -1.15 0.00	34.64 -0.96 0.00	28.17 -0.70 0.00	27.77 -0.56 0.00
S.PERRY__115KV_TB1 80734	24.91 -0.44 0.00	22.72 -0.25 0.00	20.73 -0.41 0.00	20.49 -0.38 0.00	24.35 0.02 0.00	48.71 0.35 0.00	37.41 0.01 0.00	88.84 1.07 0.00	48.47 0.44 0.00	30.02 -0.38 0.00	26.79 -0.73 0.00	28.72 -0.76 0.00	21.71 -0.55 0.00	23.07 -0.68 0.00	25.50 -0.67 0.00	25.23 -0.51 0.00	33.15 -1.08 0.00	38.39 -0.85 0.00	31.08 -0.30 0.00	35.95 0.24 0.00	50.01 0.84 0.00	36.14 0.54 0.00	29.53 0.66 0.00	29.18 0.85 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.16 -1.19 0.00	21.92 -1.05 0.00	19.98 -1.17 0.00	19.65 -1.22 0.00	23.35 -0.99 0.00	46.74 -1.62 0.00	35.20 -2.20 0.00	83.24 -4.53 0.00	45.50 -2.54 0.00	28.20 -2.20 0.00	25.38 -2.14 0.00	27.27 -2.20 0.00	20.68 -1.58 0.00	22.00 -1.75 0.00	24.12 -2.04 0.00	23.83 -1.91 0.00	31.22 -3.01 0.00	35.74 -3.50 0.00	28.48 -2.91 0.00	32.76 -2.95 0.00	46.10 -3.07 0.00	33.55 -2.05 0.00	27.65 -1.23 0.00	27.71 -0.62 0.00
SAWYER__23_KV_LOAD 55526	24.16 -1.19 0.00	21.92 -1.05 0.00	19.98 -1.17 0.00	19.65 -1.22 0.00	23.35 -0.99 0.00	46.74 -1.62 0.00	35.20 -2.20 0.00	83.24 -4.53 0.00	45.50 -2.54 0.00	28.20 -2.20 0.00	25.38 -2.14 0.00	27.27 -2.20 0.00	20.68 -1.58 0.00	22.00 -1.75 0.00	24.12 -2.04 0.00	23.83 -1.91 0.00	31.22 -3.01 0.00	35.74 -3.50 0.00	28.48 -2.91 0.00	32.76 -2.95 0.00	46.10 -3.07 0.00	33.55 -2.05 0.00	27.65 -1.23 0.00	27.71 -0.62 0.00
SELKIRK____I 23801	26.06 0.71 0.00	23.58 0.62 0.00	21.72 0.58 0.00	21.51 0.64 0.00	25.08 0.75 0.00	49.69 1.33 0.00	38.60 1.20 0.00	91.18 3.41 0.00	49.80 1.77 0.00	31.54 1.13 0.00	28.42 0.89 0.00	30.25 0.78 0.00	22.77 0.51 0.00	24.19 0.58 0.14	26.81 0.70 0.05	25.84 0.72 0.62	35.09 0.92 0.06	40.34 1.09 0.00	32.41 1.03 0.00	36.95 1.24 0.00	50.57 1.41 0.00	36.45 0.85 0.00	29.44 0.57 0.00	28.76 0.46 0.04
SELKIRK____II 23799	25.93 0.58 0.00	23.45 0.48 0.00	21.59 0.45 0.00	21.39 0.52 0.00	24.92 0.59 0.00	49.40 1.04 0.00	38.43 1.03 0.00	90.82 3.05 0.00	49.63 1.59 0.00	31.44 1.04 0.00	28.34 0.82 0.00	30.17 0.69 0.00	22.72 0.46 0.00	24.10 0.52 0.17	26.71 0.62 0.06	25.61 0.62 0.75	34.97 0.81 0.07	40.18 0.94 0.00	32.31 0.92 0.00	36.83 1.12 0.00	50.37 1.21 0.00	36.28 0.68 0.00	29.31 0.43 0.00	28.60 0.31 0.05

SENECA OSWGO___HYD 24041	24.98 -0.37 0.00	22.59 -0.38 0.00	20.77 -0.38 0.00	20.51 -0.35 0.00	23.99 -0.35 0.00	47.70 -0.66 0.00	36.76 -0.64 0.00	86.45 -1.32 0.00	47.19 -0.85 0.00	29.71 -0.70 0.00	26.77 -0.75 0.00	28.62 -0.85 0.00	21.60 -0.66 0.00	23.06 -0.69 0.00	25.38 -0.78 0.00	24.99 -0.75 0.00	33.10 -1.13 0.00	38.02 -1.22 0.00	30.55 -0.83 0.00	34.92 -0.79 0.00	48.11 -1.06 0.00	34.73 -0.87 0.00	28.21 -0.67 0.00	27.93 -0.40 0.00
SENECA___115KV_TB3 355854	24.38 -0.97 0.00	22.11 -0.86 0.00	20.17 -0.98 0.00	19.83 -1.03 0.00	23.59 -0.74 0.00	47.30 -1.06 0.00	35.74 -1.66 0.00	84.61 -3.16 0.00	46.27 -1.77 0.00	28.70 -1.71 0.00	25.81 -1.71 0.00	27.72 -1.75 0.00	21.03 -1.23 0.00	22.37 -1.38 0.00	24.51 -1.65 0.00	24.21 -1.53 0.00	31.71 -2.52 0.00	36.30 -2.94 0.00	28.92 -2.46 0.00	33.26 -2.45 0.00	46.81 -2.36 0.00	34.04 -1.56 0.00	28.03 -0.84 0.00	28.08 -0.25 0.00
SENECA___ENERGY 23797	24.90 -0.45 0.00	22.55 -0.42 0.00	20.71 -0.44 0.00	20.43 -0.43 0.00	24.01 -0.33 0.00	47.90 -0.46 0.00	36.98 -0.42 0.00	87.30 -0.47 0.00	47.58 -0.46 0.00	29.88 -0.52 0.00	26.88 -0.65 0.00	28.72 -0.76 0.00	21.75 -0.51 0.00	23.13 -0.62 0.00	25.51 -0.65 0.00	25.18 -0.57 0.00	33.20 -1.04 0.00	38.20 -1.04 0.00	30.78 -0.61 0.00	35.17 -0.54 0.00	48.61 -0.55 0.00	35.14 -0.46 0.00	28.64 -0.24 0.00	28.30 -0.03 0.00
SHOEMAKER___GT 23640	25.84 0.49 0.00	23.28 0.31 0.00	21.46 0.31 0.00	21.25 0.39 0.00	24.76 0.42 0.00	49.28 0.92 0.00	38.49 1.09 0.00	91.01 3.23 0.00	49.76 1.72 0.00	31.58 1.17 0.00	28.46 0.94 0.00	30.35 0.88 0.00	22.95 0.69 0.00	24.65 0.73 -0.17	27.02 0.80 -0.06	27.37 0.85 -0.78	35.38 1.08 -0.07	40.42 1.17 0.00	32.61 1.23 0.00	37.13 1.42 0.00	50.70 1.54 0.00	36.39 0.79 0.00	29.42 0.54 0.00	28.73 0.34 -0.05
SHOEMAKR_138KV_BK 111 55601	25.84 0.49 0.00	23.27 0.30 0.00	21.44 0.30 0.00	21.24 0.38 0.00	24.75 0.41 0.00	49.28 0.92 0.00	38.49 1.09 0.00	90.99 3.22 0.00	49.76 1.72 0.00	31.58 1.17 0.00	28.46 0.94 0.00	30.35 0.87 0.00	22.95 0.69 0.00	24.64 0.73 -0.17	27.02 0.79 -0.06	27.36 0.85 -0.77	35.36 1.06 -0.07	40.40 1.16 0.00	32.61 1.22 0.00	37.12 1.41 0.00	50.69 1.53 0.00	36.39 0.79 0.00	29.41 0.53 0.00	28.72 0.34 -0.05
SHOREHAM_IC_1 23715	27.37 1.39 -0.63	23.99 1.02 0.00	22.19 1.05 0.00	22.05 1.18 0.00	25.54 1.20 0.00	51.24 2.87 0.00	39.72 2.32 0.00	92.86 5.08 0.00	48.07 1.94 1.91	23.55 1.40 8.26	29.08 1.56 0.00	31.04 1.54 -0.02	22.29 1.12 1.09	25.44 1.26 -0.44	27.28 1.35 0.23	30.03 1.52 -2.77	42.78 2.33 -6.22	41.52 2.28 0.00	34.42 2.58 -0.46	38.36 2.65 0.00	52.17 3.00 0.00	36.77 1.17 0.00	29.66 0.78 0.00	29.22 0.83 -0.05
SHOREHAM_IC_2 23716	27.37 1.39 -0.63	23.99 1.02 0.00	22.19 1.05 0.00	22.05 1.18 0.00	25.54 1.20 0.00	51.24 2.87 0.00	39.72 2.32 0.00	92.86 5.08 0.00	48.07 1.94 1.91	23.55 1.40 8.26	29.08 1.56 0.00	31.04 1.54 -0.02	22.29 1.12 1.09	25.44 1.26 -0.44	27.28 1.35 0.23	30.03 1.52 -2.77	42.78 2.33 -6.22	41.52 2.28 0.00	34.42 2.58 -0.46	38.36 2.65 0.00	52.17 3.00 0.00	36.77 1.17 0.00	29.66 0.78 0.00	29.22 0.83 -0.05
SISSONVILLE___ 23735	24.41 -0.94 0.00	22.37 -0.60 0.00	20.60 -0.54 0.00	20.16 -0.71 0.00	23.46 -0.87 0.00	46.77 -1.59 0.00	36.07 -1.33 0.00	84.07 -3.70 0.00	45.96 -2.08 0.00	28.99 -1.42 0.00	26.42 -1.10 0.00	28.63 -0.84 0.00	21.67 -0.59 0.00	23.16 -0.59 0.00	25.51 -0.65 0.00	25.09 -0.65 0.00	33.58 -0.65 0.00	38.47 -0.77 0.00	30.47 -0.91 0.00	34.60 -1.11 0.00	47.91 -1.25 0.00	34.98 -0.62 0.00	28.47 -0.40 0.00	27.76 -0.57 0.00
SITHE_IND_GS1 24169	24.82 -0.53 0.00	22.47 -0.50 0.00	20.67 -0.48 0.00	20.40 -0.46 0.00	23.83 -0.51 0.00	47.36 -1.00 0.00	36.43 -0.97 0.00	85.55 -2.22 0.00	46.75 -1.29 0.00	29.49 -0.92 0.00	26.62 -0.91 0.00	28.49 -0.99 0.00	21.52 -0.74 0.00	22.92 -0.82 0.00	25.24 -0.92 0.00	24.84 -0.90 0.00	32.95 -1.28 0.00	37.82 -1.42 0.00	30.31 -1.07 0.00	34.59 -1.12 0.00	47.66 -1.50 0.00	34.46 -1.14 0.00	28.01 -0.86 0.00	27.76 -0.57 0.00
SITHE_IND_GS2 24170	24.82 -0.53 0.00	22.47 -0.50 0.00	20.67 -0.48 0.00	20.40 -0.46 0.00	23.83 -0.51 0.00	47.36 -1.00 0.00	36.43 -0.97 0.00	85.55 -2.22 0.00	46.75 -1.29 0.00	29.49 -0.92 0.00	26.62 -0.91 0.00	28.49 -0.99 0.00	21.52 -0.74 0.00	22.92 -0.82 0.00	25.24 -0.92 0.00	24.84 -0.90 0.00	32.95 -1.28 0.00	37.82 -1.42 0.00	30.31 -1.07 0.00	34.59 -1.12 0.00	47.66 -1.50 0.00	34.46 -1.14 0.00	28.01 -0.86 0.00	27.76 -0.57 0.00
SITHE_IND_GS3 24171	24.82 -0.53 0.00	22.47 -0.50 0.00	20.67 -0.48 0.00	20.40 -0.46 0.00	23.83 -0.51 0.00	47.36 -1.00 0.00	36.43 -0.97 0.00	85.55 -2.22 0.00	46.75 -1.29 0.00	29.49 -0.92 0.00	26.62 -0.91 0.00	28.49 -0.99 0.00	21.52 -0.74 0.00	22.92 -0.82 0.00	25.24 -0.92 0.00	24.84 -0.90 0.00	32.95 -1.28 0.00	37.82 -1.42 0.00	30.31 -1.07 0.00	34.59 -1.12 0.00	47.66 -1.50 0.00	34.46 -1.14 0.00	28.01 -0.86 0.00	27.76 -0.57 0.00
SITHE_IND_GS4 24172	24.82 -0.53 0.00	22.47 -0.50 0.00	20.67 -0.48 0.00	20.40 -0.46 0.00	23.83 -0.51 0.00	47.36 -1.00 0.00	36.43 -0.97 0.00	85.55 -2.22 0.00	46.75 -1.29 0.00	29.49 -0.92 0.00	26.62 -0.91 0.00	28.49 -0.99 0.00	21.52 -0.74 0.00	22.92 -0.82 0.00	25.24 -0.92 0.00	24.84 -0.90 0.00	32.95 -1.28 0.00	37.82 -1.42 0.00	30.31 -1.07 0.00	34.59 -1.12 0.00	47.66 -1.50 0.00	34.46 -1.14 0.00	28.01 -0.86 0.00	27.76 -0.57 0.00
SITHE___BATAVIA 24024	24.75 -0.60 0.00	22.43 -0.54 0.00	20.43 -0.71 0.00	20.12 -0.75 0.00	23.86 -0.47 0.00	47.79 -0.57 0.00	36.21 -1.19 0.00	85.70 -2.07 0.00	46.89 -1.15 0.00	29.01 -1.40 0.00	25.93 -1.59 0.00	27.80 -1.68 0.00	21.05 -1.21 0.00	22.35 -1.40 0.00	24.53 -1.62 0.00	24.29 -1.45 0.00	31.97 -2.26 0.00	36.67 -2.57 0.00	29.37 -2.02 0.00	33.85 -1.86 0.00	47.54 -1.63 0.00	34.46 -1.14 0.00	28.34 -0.54 0.00	28.33 0.00 0.00
SITHE___INDEPEND 23800	24.82 -0.53 0.00	22.47 -0.50 0.00	20.67 -0.48 0.00	20.40 -0.46 0.00	23.83 -0.51 0.00	47.36 -1.00 0.00	36.42 -0.97 0.00	85.55 -2.22 0.00	46.75 -1.29 0.00	29.49 -0.92 0.00	26.62 -0.91 0.00	28.49 -0.99 0.00	21.52 -0.74 0.00	22.92 -0.82 0.00	25.24 -0.92 0.00	24.84 -0.90 0.00	32.95 -1.28 0.00	37.82 -1.42 0.00	30.31 -1.07 0.00	34.59 -1.12 0.00	47.66 -1.50 0.00	34.46 -1.14 0.00	28.01 -0.86 0.00	27.76 -0.57 0.00
SITHE___MASSENA 23902	25.27 -0.08 0.00	23.10 0.13 0.00	21.28 0.13 0.00	20.85 -0.01 0.00	24.27 -0.06 0.00	48.31 -0.05 0.00	37.15 -0.25 0.00	86.54 -1.23 0.00	47.44 -0.59 0.00	29.96 -0.45 0.00	27.30 -0.22 0.00	29.54 0.07 0.00	22.36 0.10 0.00	23.88 0.13 0.00	26.29 0.13 0.00	25.86 0.12 0.00	34.54 0.30 0.00	39.51 0.26 0.00	31.30 -0.09 0.00	35.50 -0.21 0.00	49.15 -0.01 0.00	35.89 0.29 0.00	29.23 0.36 0.00	28.56 0.23 0.00

SITHE___OGDNSBRG 24021	25.31 -0.04 0.00	23.18 0.21 0.00	21.34 0.19 0.00	20.90 0.03 0.00	24.33 -0.01 0.00	48.49 0.13 0.00	37.38 -0.01 0.00	87.12 -0.66 0.00	47.56 -0.47 0.00	29.76 -0.64 0.00	27.09 -0.43 0.00	29.40 -0.08 0.00	22.33 0.07 0.00	23.81 0.06 0.00	26.21 0.05 0.00	25.74 0.00 0.00	34.44 0.21 0.00	39.44 0.20 0.00	31.29 -0.09 0.00	35.70 -0.01 0.00	49.55 0.39 0.00	36.18 0.58 0.00	29.44 0.56 0.00	28.71 0.38 0.00
SITHE___STERLING 23777	25.84 0.49 0.00	23.41 0.44 0.00	21.52 0.38 0.00	21.27 0.40 0.00	24.85 0.51 0.00	49.50 1.14 0.00	38.51 1.11 0.00	90.77 3.00 0.00	49.48 1.45 0.00	31.26 0.86 0.00	28.14 0.62 0.00	30.15 0.67 0.00	22.73 0.47 0.00	24.31 0.56 0.00	26.76 0.60 0.00	26.31 0.57 0.00	34.83 0.59 0.00	39.96 0.72 0.00	32.28 0.89 0.00	36.91 1.19 0.00	50.83 1.67 0.00	36.64 1.04 0.00	29.66 0.78 0.00	29.09 0.76 0.00
SLEIGHT__34_KV_TB1 80719	25.53 0.19 0.00	23.09 0.13 0.00	21.23 0.08 0.00	20.91 0.04 0.00	24.52 0.18 0.00	49.09 0.73 0.00	37.94 0.55 0.00	89.51 1.74 0.00	48.69 0.65 0.00	30.65 0.24 0.00	27.48 -0.04 0.00	29.37 -0.10 0.00	22.24 -0.02 0.00	23.63 -0.11 0.00	26.08 -0.08 0.00	25.70 -0.05 0.00	33.94 -0.29 0.00	39.13 -0.11 0.00	31.47 0.09 0.00	35.99 0.28 0.00	49.67 0.50 0.00	35.87 0.28 0.00	29.10 0.22 0.00	28.79 0.46 0.00
SOUTH CAIRO___GT 23612	27.10 1.76 0.00	24.52 1.56 0.00	22.57 1.43 0.00	22.35 1.48 0.00	26.10 1.77 0.00	51.73 3.38 0.00	40.35 2.95 0.00	95.72 7.94 0.00	52.35 4.31 0.00	33.12 2.72 0.00	29.85 2.33 0.00	31.61 2.14 0.00	23.66 1.40 0.00	25.15 1.51 0.11	28.01 1.89 0.04	27.19 1.91 0.46	36.67 2.48 0.04	42.29 3.05 0.00	33.96 2.57 0.00	38.83 3.12 0.00	53.02 3.86 0.00	38.15 2.55 0.00	30.68 1.81 0.00	29.92 1.61 0.03
SOUTH HAMPTN___IC 23720	27.57 1.60 -0.62	24.16 1.19 0.00	22.39 1.24 0.00	22.27 1.41 0.00	25.78 1.44 0.00	51.81 3.45 0.00	40.31 2.91 0.00	94.42 6.65 0.00	47.74 2.87 3.16	18.73 2.00 13.67	29.52 2.00 0.00	31.48 1.99 -0.02	22.60 1.43 1.09	25.76 1.58 -0.43	27.67 1.75 0.24	30.43 1.94 -2.74	43.26 2.82 -6.21	42.13 2.89 0.00	34.94 3.11 -0.45	38.98 3.27 0.00	53.04 3.87 0.00	37.43 1.83 0.00	30.17 1.29 0.00	29.69 1.31 -0.05
SOUTHDOW__115KV_TB1 355954	24.83 -0.52 0.00	22.38 -0.58 0.00	20.63 -0.52 0.00	20.27 -0.60 0.00	24.28 -0.05 0.00	49.24 0.88 0.00	37.46 0.06 0.00	88.24 0.47 0.00	48.37 0.34 0.00	30.17 -0.23 0.00	27.14 -0.38 0.00	29.13 -0.34 0.00	22.13 -0.13 0.00	23.52 -0.23 0.00	25.67 -0.49 0.00	25.26 -0.49 0.00	33.21 -1.02 0.00	38.01 -1.24 0.00	30.32 -1.07 0.00	34.95 -0.77 0.00	49.13 -0.03 0.00	35.78 0.18 0.00	29.32 0.44 0.00	29.25 0.92 0.00
SOUTHOLD_69_KV_BK 2 55809	27.65 1.68 -0.62	24.24 1.27 0.00	22.48 1.34 0.00	22.39 1.53 0.00	25.89 1.56 0.00	52.13 3.77 0.00	40.58 3.18 0.00	95.14 7.37 0.00	48.11 3.25 3.18	18.90 2.24 13.74	29.72 2.20 0.00	31.66 2.17 -0.02	22.72 1.56 1.09	25.86 1.68 -0.43	27.82 1.90 0.24	30.57 2.09 -2.74	43.49 3.04 -6.21	42.41 3.17 0.00	35.19 3.36 -0.45	39.28 3.57 0.00	53.42 4.26 0.00	37.68 2.08 0.00	30.35 1.48 0.00	29.86 1.47 -0.05
SOUTHOLD___IC 23719	27.65 1.68 -0.62	24.24 1.27 0.00	22.48 1.34 0.00	22.39 1.53 0.00	25.89 1.56 0.00	52.13 3.76 0.00	40.58 3.18 0.00	95.14 7.37 0.00	48.11 3.25 3.18	18.90 2.24 13.74	29.72 2.20 0.00	31.66 2.17 -0.02	22.73 1.56 1.09	25.88 1.70 -0.43	27.84 1.92 0.24	30.59 2.10 -2.75	43.50 3.05 -6.21	42.41 3.17 0.00	35.20 3.36 -0.45	39.28 3.57 0.00	53.42 4.26 0.00	37.68 2.08 0.00	30.35 1.48 0.00	29.86 1.47 -0.05
SOUTH_FORK_WT_PWR 323839	27.53 1.56 -0.62	24.14 1.17 0.00	22.43 1.29 0.00	22.37 1.51 0.00	25.85 1.51 0.00	52.12 3.76 0.00	40.58 3.18 0.00	95.27 7.50 0.00	48.13 3.26 3.17	18.96 2.26 13.70	29.73 2.21 0.00	31.69 2.20 -0.02	22.74 1.58 1.09	25.90 1.73 -0.43	27.88 1.96 0.24	30.63 2.15 -2.75	43.56 3.12 -6.21	42.49 3.25 0.00	35.25 3.42 -0.45	39.36 3.65 0.00	53.51 4.35 0.00	37.74 2.14 0.00	30.40 1.53 0.00	29.91 1.52 -0.05
SPIERFLS_115KV_TB 1 80737	26.02 0.67 0.00	23.52 0.56 0.00	21.66 0.51 0.00	21.46 0.60 0.00	25.06 0.72 0.00	49.82 1.46 0.00	38.92 1.52 0.00	92.60 4.83 0.00	50.45 2.42 0.00	31.96 1.55 0.00	28.88 1.36 0.00	30.73 1.25 0.00	23.04 0.78 0.00	24.17 0.72 0.30	26.99 0.94 0.11	25.35 0.95 1.34	35.59 1.48 0.12	41.03 1.79 0.00	32.90 1.51 0.00	37.59 1.88 0.00	51.26 2.09 0.00	36.75 1.15 0.00	29.65 0.77 0.00	28.83 0.59 0.09
ST LAWRENCE____ 23600	25.13 -0.22 0.00	22.96 -0.01 0.00	21.14 0.00 0.00	20.74 -0.12 0.00	24.12 -0.22 0.00	47.99 -0.38 0.00	36.91 -0.50 0.00	85.94 -1.84 0.00	47.15 -0.89 0.00	29.80 -0.60 0.00	27.17 -0.35 0.00	29.39 -0.09 0.00	22.23 -0.03 0.00	23.75 0.00 0.00	26.13 -0.03 0.00	25.71 -0.03 0.00	34.32 0.08 0.00	39.25 0.01 0.00	31.11 -0.28 0.00	35.24 -0.47 0.00	48.79 -0.37 0.00	35.63 0.04 0.00	29.02 0.14 0.00	28.36 0.03 0.00
STATE_CA_115KV_115_LB 55624	26.29 0.94 0.00	23.78 0.81 0.00	21.89 0.74 0.00	21.69 0.83 0.00	25.28 0.94 0.00	50.00 1.64 0.00	38.97 1.57 0.00	92.29 4.52 0.00	50.42 2.38 0.00	31.94 1.54 0.00	28.78 1.26 0.00	30.59 1.12 0.00	23.02 0.76 0.00	24.34 0.87 0.27	27.07 1.01 0.10	25.51 0.99 1.22	35.42 1.30 0.11	40.78 1.54 0.00	32.78 1.39 0.00	37.36 1.65 0.00	51.03 1.87 0.00	36.75 1.15 0.00	29.63 0.76 0.00	28.87 0.61 0.08
STATE_ST_34_KV_LOAD 55959	25.48 0.13 0.00	23.07 0.10 0.00	21.23 0.08 0.00	20.92 0.05 0.00	24.45 0.12 0.00	48.93 0.56 0.00	37.80 0.40 0.00	89.02 1.25 0.00	48.39 0.36 0.00	30.49 0.08 0.00	27.48 -0.04 0.00	29.37 -0.10 0.00	22.23 -0.03 0.00	23.59 -0.16 0.00	26.02 -0.15 0.00	25.65 -0.09 0.00	33.87 -0.37 0.00	39.04 -0.20 0.00	31.46 0.08 0.00	35.93 0.22 0.00	49.52 0.35 0.00	35.78 0.18 0.00	29.02 0.15 0.00	28.70 0.36 0.00
STATION 5_MISC_HYD 23604	24.71 -0.64 0.00	22.37 -0.59 0.00	20.46 -0.68 0.00	20.17 -0.70 0.00	23.79 -0.54 0.00	47.56 -0.80 0.00	36.25 -1.15 0.00	85.58 -2.20 0.00	46.75 -1.29 0.00	29.12 -1.28 0.00	26.17 -1.35 0.00	28.06 -1.41 0.00	21.24 -1.02 0.00	22.63 -1.11 0.00	24.87 -1.29 0.00	24.55 -1.19 0.00	32.40 -1.83 0.00	37.20 -2.04 0.00	29.75 -1.63 0.00	34.14 -1.58 0.00	47.59 -1.58 0.00	34.48 -1.12 0.00	28.18 -0.70 0.00	28.04 -0.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.98 -0.37 0.00	22.61 -0.35 0.00	20.72 -0.42 0.00	20.44 -0.43 0.00	24.07 -0.26 0.00	48.08 -0.28 0.00	36.92 -0.47 0.00	87.15 -0.62 0.00	47.57 -0.47 0.00	29.75 -0.66 0.00	26.71 -0.82 0.00	28.58 -0.89 0.00	21.67 -0.59 0.00	23.08 -0.67 0.00	25.40 -0.76 0.00	25.03 -0.71 0.00	33.06 -1.18 0.00	38.01 -1.23 0.00	30.51 -0.87 0.00	34.98 -0.73 0.00	48.54 -0.63 0.00	35.08 -0.51 0.00	28.62 -0.26 0.00	28.36 0.03 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	24.58 -0.77 0.00	22.27 -0.70 0.00	20.38 -0.76 0.00	20.08 -0.79 0.00	23.68 -0.65 0.00	47.30 -1.05 0.00	36.11 -1.29 0.00	85.25 -2.52 0.00	46.59 -1.45 0.00	29.06 -1.35 0.00	26.12 -1.40 0.00	28.00 -1.47 0.00	21.21 -1.05 0.00	22.59 -1.16 0.00	24.82 -1.34 0.00	24.49 -1.25 0.00	32.35 -1.88 0.00	37.13 -2.11 0.00	29.71 -1.68 0.00	34.07 -1.64 0.00	47.44 -1.73 0.00	34.36 -1.24 0.00	28.06 -0.81 0.00	27.91 -0.43 0.00
STA_56___34_KV_BUS2 355983	24.58 -0.77 0.00	22.27 -0.70 0.00	20.38 -0.76 0.00	20.08 -0.79 0.00	23.68 -0.65 0.00	47.30 -1.05 0.00	36.11 -1.29 0.00	85.25 -2.52 0.00	46.59 -1.45 0.00	29.06 -1.35 0.00	26.12 -1.40 0.00	28.00 -1.47 0.00	21.21 -1.05 0.00	22.59 -1.16 0.00	24.82 -1.34 0.00	24.49 -1.25 0.00	32.35 -1.88 0.00	37.13 -2.11 0.00	29.71 -1.68 0.00	34.07 -1.64 0.00	47.44 -1.73 0.00	34.36 -1.24 0.00	28.06 -0.81 0.00	27.91 -0.43 0.00
STA_67___115KV_BK2 355882	24.65 -0.70 0.00	22.33 -0.63 0.00	20.43 -0.72 0.00	20.14 -0.73 0.00	23.75 -0.58 0.00	47.46 -0.90 0.00	36.17 -1.23 0.00	85.40 -2.37 0.00	46.65 -1.38 0.00	29.07 -1.34 0.00	26.13 -1.39 0.00	28.02 -1.45 0.00	21.22 -1.04 0.00	22.60 -1.15 0.00	24.83 -1.33 0.00	24.51 -1.23 0.00	32.34 -1.89 0.00	37.12 -2.13 0.00	29.68 -1.71 0.00	34.06 -1.65 0.00	47.48 -1.69 0.00	34.41 -1.19 0.00	28.12 -0.75 0.00	27.99 -0.34 0.00
STA_7___115KV_9TRANS 80674	24.77 -0.58 0.00	22.44 -0.53 0.00	20.53 -0.62 0.00	20.23 -0.64 0.00	23.86 -0.47 0.00	47.70 -0.66 0.00	36.39 -1.01 0.00	85.92 -1.86 0.00	46.92 -1.12 0.00	29.21 -1.19 0.00	26.25 -1.27 0.00	28.15 -1.33 0.00	21.32 -0.94 0.00	22.70 -1.04 0.00	24.96 -1.20 0.00	24.65 -1.09 0.00	32.53 -1.71 0.00	37.36 -1.88 0.00	29.89 -1.50 0.00	34.30 -1.42 0.00	47.81 -1.36 0.00	34.62 -0.97 0.00	28.29 -0.58 0.00	28.14 -0.19 0.00
STA_82___115KV_TB1 80780	24.66 -0.69 0.00	22.34 -0.62 0.00	20.44 -0.70 0.00	20.14 -0.72 0.00	23.77 -0.57 0.00	47.50 -0.86 0.00	36.20 -1.20 0.00	85.44 -2.33 0.00	46.69 -1.34 0.00	29.09 -1.32 0.00	26.14 -1.38 0.00	28.03 -1.44 0.00	21.23 -1.03 0.00	22.60 -1.14 0.00	24.84 -1.32 0.00	24.51 -1.23 0.00	32.36 -1.88 0.00	37.14 -2.10 0.00	29.70 -1.68 0.00	34.08 -1.63 0.00	47.51 -1.65 0.00	34.42 -1.18 0.00	28.14 -0.73 0.00	28.01 -0.32 0.00
STEEL___WIND 323596	24.36 -0.99 0.00	22.07 -0.89 0.00	20.13 -1.02 0.00	19.80 -1.07 0.00	23.55 -0.79 0.00	47.23 -1.13 0.00	35.69 -1.71 0.00	84.49 -3.29 0.00	46.20 -1.84 0.00	28.64 -1.76 0.00	25.77 -1.75 0.00	27.68 -1.79 0.00	20.97 -1.29 0.00	22.33 -1.42 0.00	24.45 -1.71 0.00	24.16 -1.58 0.00	31.64 -2.60 0.00	36.23 -3.01 0.00	28.87 -2.51 0.00	33.20 -2.51 0.00	46.72 -2.45 0.00	33.98 -1.62 0.00	27.99 -0.89 0.00	28.03 -0.30 0.00
STEPHTWN_115KV_BK_2 55603	26.32 0.97 0.00	23.79 0.82 0.00	21.81 0.67 0.00	21.67 0.80 0.00	25.35 1.01 0.00	50.16 1.80 0.00	39.11 1.71 0.00	92.59 4.82 0.00	50.55 2.52 0.00	32.00 1.60 0.00	28.82 1.30 0.00	30.66 1.19 0.00	23.06 0.80 0.00	24.39 0.90 0.26	27.14 1.07 0.10	25.66 1.07 0.16	35.59 1.46 0.10	40.94 1.70 0.00	32.92 1.54 0.00	37.50 1.79 0.00	51.29 2.12 0.00	36.91 1.32 0.00	29.70 0.82 0.00	28.93 0.67 0.07
STEUBEN_REC_LFGE 323667	23.81 -1.54 0.00	22.13 -0.84 0.00	20.02 -1.13 0.00	19.96 -0.91 0.00	23.87 -0.46 0.00	47.41 -0.95 0.00	36.43 -0.97 0.00	86.72 -1.05 0.00	47.51 -0.53 0.00	29.90 -0.51 0.00	26.84 -0.68 0.00	28.55 -0.92 0.00	21.51 -0.74 0.00	22.97 -0.78 0.00	25.50 -0.66 0.00	25.23 -0.52 0.00	33.03 -1.20 0.00	38.51 -0.73 0.00	30.95 -0.44 0.00	35.70 -0.01 0.00	49.55 0.38 0.00	35.90 0.30 0.00	29.53 0.65 0.00	29.06 0.73 0.00
STILLWATER___SOLAR 323814	26.15 0.80 0.00	23.64 0.68 0.00	21.77 0.62 0.00	21.56 0.70 0.00	25.16 0.82 0.00	49.91 1.55 0.00	38.91 1.51 0.00	92.21 4.44 0.00	50.30 2.26 0.00	31.84 1.44 0.00	28.71 1.18 0.00	30.54 1.07 0.00	23.00 0.74 0.00	24.15 0.74 0.34	26.95 0.91 0.12	25.12 0.88 0.15	35.40 1.31 0.14	40.81 1.56 0.00	32.76 1.37 0.00	37.40 1.69 0.00	51.05 1.89 0.00	36.74 1.14 0.00	29.63 0.76 0.00	28.84 0.61 0.10
STONY___BROOK 24151	27.32 1.33 -0.64	23.86 0.89 0.00	22.04 0.90 0.00	21.87 1.01 0.00	25.37 1.03 0.00	50.87 2.51 0.00	39.63 2.23 0.00	92.65 4.88 0.00	50.27 2.37 0.14	31.53 1.71 0.59	29.15 1.63 0.00	31.21 1.71 -0.02	22.47 1.28 1.07	25.59 1.40 -0.45	27.47 1.54 0.22	30.18 1.61 -2.83	42.61 2.16 -6.23	41.34 2.10 0.00	34.29 2.45 -0.46	38.26 2.55 0.00	52.03 2.87 0.00	36.86 1.26 0.00	29.74 0.87 0.00	29.28 0.89 -0.05
STURGEON_POOL_HYD 23609	25.71 0.36 0.00	23.14 0.17 0.00	21.33 0.18 0.00	21.15 0.28 0.00	24.60 0.27 0.00	49.07 0.71 0.00	38.39 0.99 0.00	90.87 3.09 0.00	49.72 1.68 0.00	31.59 1.18 0.00	28.49 0.97 0.00	30.37 0.89 0.00	22.95 0.69 0.00	24.56 0.73 -0.08	26.97 0.77 -0.04	27.08 0.87 -0.47	35.32 1.04 -0.04	40.41 1.17 0.00	32.67 1.29 0.00	37.16 1.45 0.00	50.75 1.59 0.00	36.33 0.73 0.00	29.34 0.47 0.00	28.59 0.23 -0.02
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.92 0.57 0.00	23.32 0.36 0.00	21.50 0.36 0.00	21.31 0.44 0.00	24.81 0.48 0.00	49.44 1.08 0.00	38.67 1.27 0.00	91.47 3.70 0.00	50.01 1.97 0.00	31.74 1.33 0.00	28.60 1.08 0.00	30.49 1.01 0.00	23.06 0.80 0.00	24.76 0.84 -0.18	27.15 0.92 -0.07	27.53 0.98 -0.81	35.52 1.22 -0.07	40.57 1.33 0.00	32.77 1.39 0.00	37.30 1.59 0.00	50.93 1.76 0.00	36.52 0.92 0.00	29.52 0.64 0.00	28.81 0.43 -0.05
SWANROAD_115KV_TB1 355699	23.72 -1.63 0.00	21.54 -1.42 0.00	19.60 -1.54 0.00	19.27 -1.59 0.00	22.88 -1.45 0.00	45.72 -2.64 0.00	34.35 -3.05 0.00	81.09 -6.68 0.00	44.34 -3.70 0.00	27.44 -2.97 0.00	24.66 -2.87 0.00	26.50 -2.98 0.00	20.10 -2.16 0.00	21.36 -2.38 0.00	23.42 -2.74 0.00	23.15 -2.59 0.00	30.33 -3.90 0.00	34.69 -4.55 0.00	27.69 -3.69 0.00	31.85 -3.86 0.00	44.88 -4.28 0.00	32.68 -2.92 0.00	27.03 -1.85 0.00	27.16 -1.17 0.00
SYNERGY___BIOGAS 323694	24.75 -0.60 0.00	22.43 -0.54 0.00	20.43 -0.71 0.00	20.12 -0.75 0.00	23.86 -0.47 0.00	47.79 -0.57 0.00	36.21 -1.19 0.00	85.70 -2.07 0.00	46.89 -1.15 0.00	29.01 -1.40 0.00	25.93 -1.59 0.00	27.80 -1.68 0.00	21.05 -1.21 0.00	22.35 -1.40 0.00	24.53 -1.62 0.00	24.29 -1.45 0.00	31.97 -2.26 0.00	36.67 -2.57 0.00	29.37 -2.02 0.00	33.85 -1.86 0.00	47.54 -1.63 0.00	34.46 -1.14 0.00	28.34 -0.54 0.00	28.33 0.00 0.00
SYRACUSE___ENERGY_ST1 323597	25.31 -0.04 0.00	22.89 -0.07 0.00	21.06 -0.08 0.00	20.78 -0.09 0.00	24.30 -0.04 0.00	48.41 0.05 0.00	37.36 -0.04 0.00	87.92 0.14 0.00	47.97 -0.07 0.00	30.22 -0.18 0.00	27.24 -0.28 0.00	29.14 -0.33 0.00	22.02 -0.24 0.00	23.46 -0.28 0.00	25.85 -0.31 0.00	25.44 -0.30 0.00	33.70 -0.53 0.00	38.71 -0.53 0.00	31.11 -0.28 0.00	35.52 -0.19 0.00	48.91 -0.25 0.00	35.33 -0.27 0.00	28.69 -0.18 0.00	28.37 0.04 0.00

SYRACUSE___ENERGY_ST2 323598	25.31 -0.04 0.00	22.89 -0.07 0.00	21.06 -0.08 0.00	20.78 -0.09 0.00	24.30 -0.04 0.00	48.41 0.05 0.00	37.36 -0.04 0.00	87.92 0.14 0.00	47.97 -0.07 0.00	30.22 -0.18 0.00	27.24 -0.28 0.00	29.14 -0.33 0.00	22.02 -0.24 0.00	23.46 -0.28 0.00	25.85 -0.31 0.00	25.44 -0.30 0.00	33.70 -0.53 0.00	38.71 -0.53 0.00	31.11 -0.28 0.00	35.52 -0.19 0.00	48.91 -0.25 0.00	35.33 -0.27 0.00	28.69 -0.18 0.00	28.37 0.04 0.00
SYRACUSE___POWER 24017	25.32 -0.03 0.00	22.89 -0.07 0.00	21.05 -0.09 0.00	20.78 -0.09 0.00	24.31 -0.03 0.00	48.41 0.05 0.00	37.37 -0.03 0.00	87.94 0.17 0.00	48.04 0.01 0.00	30.26 -0.15 0.00	27.27 -0.25 0.00	29.19 -0.28 0.00	22.05 -0.21 0.00	23.51 -0.24 0.00	25.89 -0.27 0.00	25.47 -0.28 0.00	33.71 -0.52 0.00	38.68 -0.56 0.00	31.10 -0.28 0.00	35.54 -0.17 0.00	48.99 -0.18 0.00	35.37 -0.23 0.00	28.72 -0.16 0.00	28.38 0.05 0.00
TALLMAN__138KV_BK151 55660	26.00 0.65 0.00	23.39 0.42 0.00	21.57 0.42 0.00	21.38 0.51 0.00	24.90 0.56 0.00	49.63 1.27 0.00	38.83 1.43 0.00	91.89 4.12 0.00	50.25 2.22 0.00	31.90 1.49 0.00	28.75 1.22 0.00	30.62 1.15 0.00	23.18 0.92 0.00	24.90 0.96 -0.19	27.29 1.06 -0.07	27.73 1.12 -0.87	35.70 1.39 -0.08	40.74 1.50 0.00	32.94 1.55 0.00	37.48 1.77 0.00	51.22 2.05 0.00	36.70 1.10 0.00	29.67 0.79 0.00	28.95 0.57 -0.06
TEALLAVE_115KV_TB7 355573	25.14 -0.20 0.00	22.74 -0.23 0.00	20.91 -0.24 0.00	20.63 -0.24 0.00	24.15 -0.19 0.00	48.07 -0.29 0.00	37.05 -0.35 0.00	87.20 -0.57 0.00	47.63 -0.40 0.00	30.01 -0.40 0.00	27.06 -0.47 0.00	28.96 -0.52 0.00	21.87 -0.39 0.00	23.31 -0.44 0.00	25.68 -0.49 0.00	25.26 -0.49 0.00	33.45 -0.78 0.00	38.40 -0.85 0.00	30.83 -0.55 0.00	35.20 -0.51 0.00	48.54 -0.63 0.00	35.05 -0.55 0.00	28.47 -0.40 0.00	28.17 -0.16 0.00
TELGRAPH_34_KV_EAST 80808	24.33 -1.02 0.00	22.08 -0.89 0.00	20.11 -1.04 0.00	19.78 -1.08 0.00	23.48 -0.86 0.00	46.98 -1.38 0.00	35.48 -1.92 0.00	83.92 -3.85 0.00	45.90 -2.14 0.00	28.40 -2.01 0.00	25.47 -2.06 0.00	27.34 -2.13 0.00	20.72 -1.55 0.00	22.02 -1.73 0.00	24.11 -2.05 0.00	23.86 -1.88 0.00	31.32 -2.92 0.00	35.85 -3.39 0.00	28.65 -2.74 0.00	33.01 -2.70 0.00	46.43 -2.74 0.00	33.72 -1.88 0.00	27.81 -1.07 0.00	27.87 -0.46 0.00
TEMPLE___115KV_TB 2 55572	25.15 -0.19 0.00	22.75 -0.21 0.00	20.92 -0.23 0.00	20.65 -0.22 0.00	24.16 -0.17 0.00	48.11 -0.25 0.00	37.08 -0.32 0.00	87.24 -0.53 0.00	47.67 -0.37 0.00	30.03 -0.37 0.00	27.08 -0.45 0.00	28.98 -0.50 0.00	21.89 -0.37 0.00	23.34 -0.41 0.00	25.70 -0.46 0.00	25.28 -0.46 0.00	33.48 -0.75 0.00	38.43 -0.81 0.00	30.86 -0.52 0.00	35.24 -0.47 0.00	48.57 -0.60 0.00	35.07 -0.53 0.00	28.50 -0.38 0.00	28.19 -0.15 0.00
TIANA____69_KV_BK 1 55817	27.53 1.56 -0.62	24.12 1.15 0.00	22.34 1.19 0.00	22.22 1.35 0.00	25.72 1.39 0.00	51.67 3.31 0.00	40.18 2.78 0.00	94.03 6.26 0.00	47.55 2.69 3.18	18.55 1.88 13.73	29.43 1.90 0.00	31.38 1.89 -0.02	22.53 1.36 1.09	25.66 1.48 -0.43	27.57 1.65 0.24	30.31 1.83 -2.74	43.12 2.67 -6.21	41.98 2.74 0.00	34.81 2.98 -0.45	38.84 3.13 0.00	52.84 3.68 0.00	37.30 1.70 0.00	30.06 1.19 0.00	29.59 1.21 -0.05
TILDEN___115KV_TB1 80814	25.32 -0.03 0.00	22.89 -0.07 0.00	21.05 -0.09 0.00	20.78 -0.09 0.00	24.31 -0.03 0.00	48.41 0.05 0.00	37.37 -0.03 0.00	87.94 0.17 0.00	48.04 0.01 0.00	30.26 -0.15 0.00	27.27 -0.25 0.00	29.19 -0.28 0.00	22.05 -0.21 0.00	23.51 -0.24 0.00	25.89 -0.27 0.00	25.47 -0.28 0.00	33.71 -0.52 0.00	38.68 -0.56 0.00	31.10 -0.28 0.00	35.54 -0.17 0.00	48.99 -0.18 0.00	35.37 -0.23 0.00	28.72 -0.16 0.00	28.38 0.05 0.00
TRIGEN___CC 323695	30.74 1.05 -4.34	23.58 0.61 0.00	21.75 0.61 0.00	21.58 0.72 0.00	25.08 0.74 0.00	50.23 1.87 0.00	39.23 1.83 0.00	91.90 4.13 0.00	50.20 2.16 0.00	31.98 1.57 0.00	28.97 1.45 0.00	31.55 1.59 -0.49	25.66 1.24 -2.16	28.27 1.33 -3.19	30.27 1.48 -2.63	45.57 1.50 -18.33	45.04 1.77 -9.04	40.95 1.71 0.00	36.40 2.03 -2.99	37.81 2.10 0.00	51.50 2.32 0.00	36.69 1.09 0.00	29.68 0.80 0.00	29.19 0.79 -0.07
TRINITY__115KV__ 4 BK 55933	26.16 0.81 0.00	23.66 0.69 0.00	21.78 0.63 0.00	21.59 0.72 0.00	25.16 0.82 0.00	49.74 1.38 0.00	38.74 1.34 0.00	91.73 3.96 0.00	50.09 2.05 0.00	31.74 1.33 0.00	28.59 1.07 0.00	30.38 0.91 0.00	22.86 0.60 0.00	24.18 0.70 0.27	26.88 0.82 0.10	25.34 0.80 1.21	35.19 1.06 0.11	40.47 1.24 0.00	32.55 1.17 0.00	37.12 1.40 0.00	50.68 1.52 0.00	36.52 0.93 0.00	29.46 0.58 0.00	28.69 0.44 0.08
UNION___PROCESSING_DRP 323587	24.66 -0.68 0.00	22.35 -0.61 0.00	20.44 -0.70 0.00	20.15 -0.72 0.00	23.77 -0.57 0.00	47.51 -0.85 0.00	36.21 -1.20 0.00	85.49 -2.28 0.00	46.70 -1.34 0.00	29.10 -1.31 0.00	26.15 -1.38 0.00	28.04 -1.43 0.00	21.24 -1.03 0.00	22.61 -1.14 0.00	24.84 -1.32 0.00	24.52 -1.22 0.00	32.37 -1.86 0.00	37.15 -2.09 0.00	29.70 -1.68 0.00	34.10 -1.62 0.00	47.53 -1.64 0.00	34.45 -1.15 0.00	28.15 -0.73 0.00	28.02 -0.31 0.00
UPPER HUDSON___HYD 24058	26.02 0.67 0.00	23.52 0.56 0.00	21.66 0.51 0.00	21.46 0.60 0.00	25.05 0.72 0.00	49.82 1.46 0.00	38.92 1.52 0.00	92.59 4.82 0.00	50.45 2.42 0.00	31.96 1.55 0.00	28.88 1.36 0.00	30.73 1.25 0.00	23.05 0.79 0.00	24.17 0.72 0.30	26.99 0.94 0.11	25.35 0.95 1.34	35.59 1.48 0.12	41.03 1.79 0.00	32.89 1.51 0.00	37.59 1.88 0.00	51.26 2.09 0.00	36.75 1.15 0.00	29.65 0.78 0.00	28.83 0.59 0.09
UPPER RAQUET___HYD 24056	24.41 -0.94 0.00	22.37 -0.60 0.00	20.60 -0.54 0.00	20.16 -0.71 0.00	23.46 -0.87 0.00	46.77 -1.59 0.00	36.07 -1.33 0.00	84.07 -3.70 0.00	45.96 -2.08 0.00	28.99 -1.42 0.00	26.42 -1.10 0.00	28.63 -0.84 0.00	21.67 -0.59 0.00	23.16 -0.59 0.00	25.51 -0.65 0.00	25.09 -0.65 0.00	33.58 -0.65 0.00	38.47 -0.77 0.00	30.47 -0.91 0.00	34.60 -1.12 0.00	47.91 -1.25 0.00	34.98 -0.62 0.00	28.47 -0.40 0.00	27.76 -0.57 0.00
VALLEY44_115KV_TB2 355964	24.95 -0.40 0.00	22.61 -0.36 0.00	20.67 -0.47 0.00	20.41 -0.45 0.00	24.32 -0.02 0.00	48.80 0.44 0.00	37.13 -0.27 0.00	87.89 0.11 0.00	47.83 -0.21 0.00	29.75 -0.66 0.00	26.74 -0.78 0.00	28.65 -0.82 0.00	21.79 -0.47 0.00	23.21 -0.54 0.00	25.46 -0.70 0.00	25.19 -0.55 0.00	33.04 -1.20 0.00	37.82 -1.42 0.00	30.19 -1.19 0.00	34.77 -0.94 0.00	48.61 -0.56 0.00	35.30 -0.30 0.00	28.97 0.10 0.00	28.80 0.47 0.00
VALLEY___115KV_TB 1-4 80826	25.09 -0.26 0.00	22.62 -0.34 0.00	20.87 -0.28 0.00	20.65 -0.22 0.00	24.09 -0.24 0.00	47.91 -0.45 0.00	37.47 0.06 0.00	89.20 1.43 0.00	48.65 0.62 0.00	30.91 0.50 0.00	27.84 0.32 0.00	29.63 0.16 0.00	22.23 -0.03 0.00	23.72 -0.03 0.00	26.22 0.06 0.00	25.81 0.07 0.00	34.30 0.07 0.00	39.34 0.10 0.00	31.62 0.23 0.00	36.25 0.54 0.00	49.69 0.52 0.00	35.73 0.13 0.00	28.75 -0.12 0.00	28.06 -0.27 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.97 0.62 0.00	23.44 0.48 0.00	21.63 0.48 0.00	21.36 0.49 0.00	24.95 0.61 0.00	49.81 1.45 0.00	38.75 1.34 0.00	91.22 3.45 0.00	49.92 1.88 0.00	31.59 1.18 0.00	28.42 0.89 0.00	30.38 0.90 0.00	22.97 0.71 0.00	24.47 0.72 0.00	26.96 0.80 0.00	26.57 0.83 0.00	35.22 0.99 0.00	40.42 1.17 0.00	32.49 1.10 0.00	37.05 1.34 0.00	50.87 1.70 0.00	36.64 1.04 0.00	29.66 0.78 0.00	29.05 0.72 0.00
VISCHER___FERRY HYD 24020	25.97 0.62 0.00	23.49 0.52 0.00	21.63 0.48 0.00	21.44 0.57 0.00	24.98 0.64 0.00	49.41 1.05 0.00	38.46 1.06 0.00	91.17 3.40 0.00	49.73 1.69 0.00	31.49 1.08 0.00	28.35 0.84 0.00	30.14 0.66 0.00	22.73 0.46 0.00	23.80 0.48 0.42	26.61 0.60 0.15	24.39 0.52 1.88	34.92 0.86 0.17	40.25 1.00 0.00	32.32 0.93 0.00	36.90 1.19 0.00	50.32 1.15 0.00	36.30 0.70 0.00	29.24 0.36 0.00	28.44 0.23 0.12
V_A_10_SYNC_DSASP 323832	24.13 -1.22 0.00	21.87 -1.10 0.00	19.96 -1.19 0.00	19.66 -1.21 0.00	23.28 -1.06 0.00	46.54 -1.82 0.00	35.19 -2.21 0.00	83.09 -4.68 0.00	45.39 -2.65 0.00	28.18 -2.22 0.00	25.36 -2.16 0.00	27.23 -2.24 0.00	20.62 -1.64 0.00	21.98 -1.77 0.00	24.12 -2.04 0.00	23.83 -1.91 0.00	31.31 -2.93 0.00	35.86 -3.38 0.00	28.61 -2.77 0.00	32.87 -2.84 0.00	46.06 -3.10 0.00	33.47 -2.13 0.00	27.51 -1.37 0.00	27.50 -0.83 0.00
V_CMM_10_SYNC_DSASP 323787	25.24 -0.11 0.00	23.06 0.09 0.00	21.24 0.10 0.00	20.83 -0.04 0.00	24.24 -0.10 0.00	48.21 -0.15 0.00	37.07 -0.33 0.00	86.34 -1.43 0.00	47.38 -0.66 0.00	29.95 -0.46 0.00	27.29 -0.23 0.00	29.51 0.04 0.00	22.33 0.07 0.00	23.86 0.11 0.00	26.25 0.09 0.00	25.83 0.09 0.00	34.47 0.24 0.00	39.43 0.19 0.00	31.24 -0.15 0.00	35.40 -0.31 0.00	49.02 -0.15 0.00	35.80 0.20 0.00	29.14 0.27 0.00	28.49 0.15 0.00
V_CMP_10_SYNC_DSASP 323788	25.31 -0.04 0.00	23.31 0.34 0.00	21.52 0.37 0.00	20.74 -0.13 0.00	24.29 -0.05 0.00	48.80 0.44 0.00	37.46 0.06 0.00	87.24 -0.53 0.00	47.44 -0.60 0.00	30.11 -0.29 0.00	27.69 0.17 0.00	30.04 0.56 0.00	22.71 0.44 0.00	24.20 0.45 0.00	26.67 0.51 0.00	26.35 0.61 0.00	35.41 1.18 0.00	40.48 1.23 0.00	32.07 0.69 0.00	36.26 0.55 0.00	49.76 0.60 0.00	36.72 1.12 0.00	29.92 1.04 0.00	29.22 0.88 0.00
V_D_10_SYNC_DSASP 323841	25.28 -0.07 0.00	23.10 0.13 0.00	21.28 0.13 0.00	20.86 0.00 0.00	24.28 -0.06 0.00	48.33 -0.04 0.00	37.16 -0.24 0.00	86.56 -1.21 0.00	47.46 -0.57 0.00	29.96 -0.45 0.00	27.31 -0.21 0.00	29.55 0.07 0.00	22.37 0.11 0.00	23.90 0.15 0.00	26.29 0.13 0.00	25.87 0.13 0.00	34.54 0.31 0.00	39.52 0.27 0.00	31.30 -0.08 0.00	35.50 -0.20 0.00	49.16 -0.01 0.00	35.90 0.30 0.00	29.24 0.36 0.00	28.57 0.24 0.00
V_E_10_SYNC_DSASP 323830	26.29 0.94 0.00	23.62 0.65 0.00	21.95 0.81 0.00	21.44 0.57 0.00	25.15 0.81 0.00	50.87 2.51 0.00	39.57 2.17 0.00	93.11 5.34 0.00	50.86 2.83 0.00	32.00 1.60 0.00	28.77 1.25 0.00	31.11 1.64 0.00	23.67 1.41 0.00	25.15 1.41 0.00	27.67 1.51 0.00	27.12 1.38 0.00	35.96 1.72 0.00	41.00 1.76 0.00	33.31 1.93 0.00	38.68 2.97 0.00	53.08 3.91 0.00	38.30 2.70 0.00	30.98 2.10 0.00	30.49 2.16 0.00
V_F_30_NSYNC___DSASP 323816	26.18 0.83 0.00	23.67 0.71 0.00	21.80 0.65 0.00	21.59 0.73 0.00	25.19 0.86 0.00	49.99 1.63 0.00	38.97 1.57 0.00	92.30 4.53 0.00	50.37 2.33 0.00	31.88 1.48 0.00	28.75 1.23 0.00	30.60 1.12 0.00	23.04 0.78 0.00	24.21 0.78 0.32	27.00 0.96 0.12	25.24 0.93 1.43	35.46 1.36 0.13	40.87 1.63 0.00	32.81 1.42 0.00	37.46 1.75 0.00	51.15 1.98 0.00	36.80 1.20 0.00	29.69 0.81 0.00	28.90 0.66 0.09
V_F_30_SYNC_DSASP 323786	26.29 0.94 0.00	23.77 0.81 0.00	21.88 0.74 0.00	21.69 0.83 0.00	25.28 0.94 0.00	49.99 1.63 0.00	38.96 1.56 0.00	92.28 4.51 0.00	50.41 2.37 0.00	31.94 1.53 0.00	28.77 1.25 0.00	30.59 1.11 0.00	23.01 0.75 0.00	24.34 0.87 0.27	27.06 1.00 0.10	25.51 0.99 1.22	35.42 1.30 0.11	40.76 1.52 0.00	32.77 1.39 0.00	37.36 1.65 0.00	51.02 1.86 0.00	36.75 1.15 0.00	29.63 0.76 0.00	28.86 0.61 0.08
V_XM_10_SYNC_DSASP 323789	25.31 -0.04 0.00	23.31 0.34 0.00	21.52 0.37 0.00	20.74 -0.13 0.00	24.29 -0.05 0.00	48.80 0.44 0.00	37.46 0.06 0.00	87.24 -0.53 0.00	47.44 -0.60 0.00	30.11 -0.29 0.00	27.69 0.17 0.00	30.04 0.56 0.00	22.71 0.44 0.00	24.20 0.45 0.00	26.67 0.51 0.00	26.35 0.61 0.00	35.41 1.18 0.00	40.48 1.23 0.00	32.07 0.69 0.00	36.26 0.55 0.00	49.76 0.60 0.00	36.72 1.12 0.00	29.92 1.04 0.00	29.22 0.88 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	26.08 0.73 0.00	23.46 0.49 0.00	21.63 0.48 0.00	21.43 0.56 0.00	24.96 0.63 0.00	49.77 1.41 0.00	38.95 1.55 0.00	92.20 4.43 0.00	50.42 2.39 0.00	32.01 1.61 0.00	28.85 1.33 0.00	30.74 1.27 0.00	23.26 1.00 0.00	24.99 1.05 -0.19	27.39 1.16 -0.07	27.83 1.22 -0.88	35.82 1.51 -0.08	40.88 1.64 0.00	33.06 1.68 0.00	37.61 1.90 0.00	51.38 2.22 0.00	36.82 1.22 0.00	29.76 0.88 0.00	29.04 0.65 -0.06
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	26.07 0.72 0.00	23.43 0.47 0.00	21.61 0.46 0.00	21.43 0.56 0.00	24.93 0.59 0.00	49.84 1.49 0.00	39.01 1.61 0.00	92.26 4.49 0.00	50.50 2.47 0.00	32.19 1.78 0.00	29.00 1.48 0.00	30.90 1.43 0.00	23.40 1.14 0.00	25.16 1.20 -0.21	27.57 1.33 -0.08	28.07 1.39 -0.93	35.97 1.65 -0.08	40.97 1.73 0.00	33.18 1.80 0.00	37.68 1.97 0.00	51.36 2.19 0.00	36.79 1.19 0.00	29.81 0.93 0.00	29.00 0.61 -0.06
W50THST__13_KV_LOAD 356117	26.29 0.94 0.00	23.61 0.64 0.00	21.75 0.61 0.00	21.55 0.69 0.00	25.07 0.74 0.00	50.15 1.79 0.00	39.26 1.86 0.00	92.90 5.13 0.00	50.88 2.84 0.00	32.45 2.04 0.00	29.24 1.72 0.00	31.14 1.67 0.00	23.59 1.33 0.00	25.36 1.40 -0.21	27.79 1.56 -0.08	28.28 1.61 -0.93	36.26 1.94 -0.08	41.27 2.04 0.00	33.41 2.03 0.00	37.94 2.22 0.00	51.70 2.53 0.00	37.03 1.44 0.00	29.99 1.12 0.00	29.19 0.80 -0.06
WADING RIVER_IC_1 23522	27.33 1.36 -0.62	23.95 0.99 0.00	22.15 1.01 0.00	22.02 1.15 0.00	25.50 1.16 0.00	51.15 2.79 0.00	39.67 2.27 0.00	92.75 4.97 0.00	47.07 1.96 2.92	19.20 1.42 12.63	29.07 1.55 0.00	31.04 1.55 -0.02	22.30 1.13 1.09	25.45 1.27 -0.43	27.29 1.37 0.24	30.01 1.53 -2.74	42.74 2.29 -6.21	41.47 2.23 0.00	34.37 2.54 -0.45	38.31 2.60 0.00	52.11 2.94 0.00	36.75 1.15 0.00	29.65 0.77 0.00	29.21 0.83 -0.05
WADING RIVER_IC_2 23547	27.33 1.36 -0.62	23.95 0.99 0.00	22.15 1.01 0.00	22.02 1.15 0.00	25.50 1.16 0.00	51.15 2.79 0.00	39.67 2.27 0.00	92.75 4.97 0.00	47.07 1.96 2.92	19.20 1.42 12.63	29.07 1.55 0.00	31.04 1.55 -0.02	22.30 1.13 1.09	25.45 1.27 -0.43	27.29 1.37 0.24	30.01 1.53 -2.74	42.74 2.29 -6.21	41.47 2.23 0.00	34.37 2.54 -0.45	38.31 2.60 0.00	52.11 2.94 0.00	36.75 1.15 0.00	29.65 0.77 0.00	29.21 0.83 -0.05

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