

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/13/2026

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	34.58	32.70	30.42	29.06	30.34	32.75	44.33	45.33	45.26	45.35	41.08	41.95	39.79	39.29	41.51	42.99	43.07	48.32	51.97	59.68	59.88	47.07	38.43	36.67
24138	2.05	1.97	1.94	1.85	1.82	2.06	2.74	3.20	3.28	3.40	3.18	3.29	3.25	3.31	3.53	3.62	3.70	4.11	4.25	4.68	4.49	3.20	2.24	2.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.61	32.70	30.45	29.09	30.37	32.75	44.29	45.25	45.22	45.31	41.05	41.91	39.75	39.25	41.47	42.95	42.99	48.23	51.92	59.62	59.82	47.12	38.46	36.71
24260	2.08	1.97	1.97	1.88	1.85	2.06	2.70	3.12	3.23	3.36	3.15	3.25	3.22	3.27	3.49	3.58	3.62	4.02	4.20	4.62	4.43	3.25	2.28	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	34.61	32.70	30.45	29.09	30.37	32.75	44.29	45.25	45.22	45.31	41.05	41.91	39.75	39.25	41.47	42.95	42.99	48.23	51.92	59.62	59.82	47.12	38.46	36.71
24261	2.08	1.97	1.97	1.88	1.85	2.06	2.70	3.12	3.23	3.36	3.15	3.25	3.22	3.27	3.49	3.58	3.62	4.02	4.20	4.62	4.43	3.25	2.28	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.58	32.70	30.33	28.98	30.37	32.82	44.50	45.04	44.84	44.89	40.40	41.02	38.73	38.06	40.10	41.77	41.77	46.82	50.21	58.19	58.71	46.20	38.07	36.46
24011	2.05	1.97	1.85	1.77	1.85	2.12	2.91	2.91	2.86	2.94	2.50	2.36	2.19	2.09	2.13	2.40	2.40	2.61	2.48	3.19	3.32	2.33	1.88	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.77	32.88	30.47	29.12	30.51	33.00	44.79	45.33	45.14	45.14	40.63	41.21	38.88	38.21	40.25	41.93	41.93	47.04	50.44	58.53	59.10	46.50	38.36	36.74
23798	2.24	2.15	1.99	1.90	2.00	2.30	3.20	3.20	3.15	3.19	2.73	2.55	2.34	2.23	2.28	2.56	2.56	2.83	2.72	3.52	3.71	2.63	2.17	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.58	32.70	30.33	28.98	30.37	32.82	44.50	45.04	44.84	44.89	40.40	41.02	38.73	38.06	40.10	41.77	41.77	46.82	50.21	58.19	58.71	46.20	38.07	36.46
24028	2.05	1.97	1.85	1.77	1.85	2.12	2.91	2.91	2.86	2.94	2.50	2.36	2.19	2.09	2.13	2.40	2.40	2.61	2.48	3.19	3.32	2.33	1.88	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	34.16	32.30	29.93	28.63	30.00	32.32	43.75	44.36	44.13	44.13	39.87	40.67	38.43	37.92	39.99	41.46	41.50	46.55	50.16	57.81	58.16	46.02	37.96	36.22
23527	1.63	1.57	1.45	1.41	1.48	1.63	2.16	2.23	2.14	2.18	1.97	2.01	1.90	1.94	2.01	2.09	2.12	2.34	2.43	2.80	2.77	2.15	1.77	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.38	31.56	29.28	27.98	29.31	31.46	42.21	42.76	42.62	42.62	38.58	39.32	37.23	36.73	38.70	40.16	40.16	44.87	48.35	55.72	56.05	44.31	36.66	35.05
24190	0.85	0.83	0.80	0.76	0.80	0.77	0.62	0.63	0.63	0.67	0.68	0.66	0.69	0.76	0.72	0.79	0.79	0.66	0.62	0.72	0.66	0.44	0.47	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.63	30.79	28.48	27.21	28.46	30.70	41.84	42.34	42.24	42.08	37.98	38.82	36.65	36.05	38.05	39.53	39.49	44.39	47.92	54.62	55.17	44.05	36.29	34.84
355683	0.10	0.06	0.00	0.00	-0.06	0.00	0.25	0.21	0.25	0.13	0.08	0.15	0.11	0.07	0.08	0.16	0.12	0.18	0.19	-0.39	-0.22	0.18	0.11	0.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	33.83	32.02	29.68	28.36	29.71	31.93	43.00	43.56	43.33	43.29	39.11	39.78	37.63	37.09	39.11	40.63	40.67	45.62	49.21	56.76	57.22	45.27	37.42	35.81
323833	1.30	1.29	1.20	1.14	1.20	1.23	1.41	1.43	1.34	1.34	1.21	1.12	1.10	1.12	1.14	1.26	1.30	1.41	1.48	1.76	1.83	1.40	1.23	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.83	32.02	29.68	28.36	29.71	31.93	43.00	43.56	43.29	43.29	39.08	39.78	37.63	37.09	39.11	40.63	40.67	45.58	49.21	56.76	57.22	45.27	37.42	35.81
323834	1.30	1.29	1.20	1.14	1.20	1.23	1.41	1.43	1.30	1.34	1.18	1.12	1.10	1.12	1.14	1.26	1.30	1.37	1.48	1.76	1.83	1.40	1.23	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	33.38	31.56	29.28	27.98	29.31	31.46	42.21	42.76	42.62	42.62	38.58	39.32	37.23	36.73	38.70	40.16	40.16	44.87	48.35	55.72	56.05	44.31	36.66	35.05
23571	0.85	0.83	0.80	0.76	0.80	0.77	0.62	0.63	0.63	0.67	0.68	0.66	0.69	0.76	0.72	0.79	0.79	0.66	0.62	0.72	0.66	0.44	0.47	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.38 0.85 0.00	31.56 0.83 0.00	29.28 0.80 0.00	27.98 0.76 0.00	29.31 0.80 0.00	31.46 0.77 0.00	42.21 0.62 0.00	42.76 0.63 0.00	42.62 0.63 0.00	42.62 0.67 0.00	38.58 0.68 0.00	39.32 0.66 0.00	37.23 0.69 0.00	36.73 0.76 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.16 0.79 0.00	44.87 0.66 0.00	48.35 0.62 0.00	55.72 0.72 0.00	56.05 0.66 0.00	44.31 0.44 0.00	36.66 0.47 0.00	35.05 0.45 0.00
ALBANY___3 23573	33.38 0.85 0.00	31.56 0.83 0.00	29.28 0.80 0.00	27.98 0.76 0.00	29.31 0.80 0.00	31.46 0.77 0.00	42.21 0.62 0.00	42.76 0.63 0.00	42.62 0.63 0.00	42.62 0.67 0.00	38.58 0.68 0.00	39.32 0.66 0.00	37.23 0.69 0.00	36.73 0.76 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.16 0.79 0.00	44.87 0.66 0.00	48.35 0.62 0.00	55.72 0.72 0.00	56.05 0.66 0.00	44.31 0.44 0.00	36.66 0.47 0.00	35.05 0.45 0.00
ALBANY___4 23574	33.38 0.85 0.00	31.56 0.83 0.00	29.28 0.80 0.00	27.98 0.76 0.00	29.31 0.80 0.00	31.46 0.77 0.00	42.21 0.62 0.00	42.76 0.63 0.00	42.62 0.63 0.00	42.62 0.67 0.00	38.58 0.68 0.00	39.32 0.66 0.00	37.23 0.69 0.00	36.73 0.76 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.16 0.79 0.00	44.87 0.66 0.00	48.35 0.62 0.00	55.72 0.72 0.00	56.05 0.66 0.00	44.31 0.44 0.00	36.66 0.47 0.00	35.05 0.45 0.00
ALBANY___LFGE 323615	33.60 1.07 0.00	31.77 1.05 0.00	29.45 0.97 0.00	28.14 0.93 0.00	29.49 0.97 0.00	31.71 1.01 0.00	42.59 1.00 0.00	43.14 1.01 0.00	43.00 1.01 0.00	43.04 1.09 0.00	38.96 1.06 0.00	39.71 1.04 0.00	37.56 1.02 0.00	37.06 1.08 0.00	39.04 1.06 0.00	40.51 1.14 0.00	40.51 1.14 0.00	45.27 1.06 0.00	48.77 1.05 0.00	56.21 1.21 0.00	56.61 1.22 0.00	44.75 0.88 0.00	37.05 0.87 0.00	35.49 0.90 0.00
ALCOA_PA_115KV_PL-6C 55860	32.53 0.00 0.00	30.67 -0.06 0.00	28.37 -0.11 0.00	27.11 -0.11 0.00	28.37 -0.14 0.00	30.58 -0.12 0.00	41.71 0.13 0.00	42.21 0.08 0.00	42.07 0.08 0.00	41.87 -0.08 0.00	37.75 -0.15 0.00	38.55 -0.12 0.00	36.39 -0.15 0.00	35.76 -0.21 0.00	37.79 -0.19 0.00	39.25 -0.12 0.00	39.22 -0.16 0.00	44.12 -0.09 0.00	47.68 -0.05 0.00	54.89 -0.11 0.00	55.33 -0.06 0.00	43.87 0.00 0.00	36.19 0.00 0.00	34.70 0.10 0.00
ALCOA_RYNLDS___DRP 24188	32.53 0.00 0.00	30.67 -0.06 0.00	28.37 -0.11 0.00	27.11 -0.11 0.00	28.37 -0.14 0.00	30.57 -0.12 0.00	41.71 0.12 0.00	42.21 0.08 0.00	42.07 0.08 0.00	41.87 -0.08 0.00	37.79 -0.11 0.00	38.54 -0.12 0.00	36.39 -0.15 0.00	35.76 -0.22 0.00	37.79 -0.19 0.00	39.25 -0.12 0.00	39.21 -0.16 0.00	44.12 -0.09 0.00	47.68 -0.05 0.00	54.89 -0.11 0.00	55.33 -0.06 0.00	43.87 0.00 0.00	36.15 -0.04 0.00	34.70 0.10 0.00
ALCOA___DSASP 323711	32.53 0.00 0.00	30.67 -0.06 0.00	28.37 -0.11 0.00	27.11 -0.11 0.00	28.37 -0.14 0.00	30.57 -0.12 0.00	41.71 0.12 0.00	42.21 0.08 0.00	42.07 0.08 0.00	41.87 -0.08 0.00	37.79 -0.11 0.00	38.54 -0.12 0.00	36.39 -0.15 0.00	35.76 -0.22 0.00	37.79 -0.19 0.00	39.25 -0.12 0.00	39.21 -0.16 0.00	44.12 -0.09 0.00	47.68 -0.05 0.00	54.89 -0.11 0.00	55.33 -0.06 0.00	43.87 0.00 0.00	36.15 -0.04 0.00	34.70 0.10 0.00
ALLEGHENY___COGEN 23514	21.98 -1.17 9.38	17.65 -1.17 11.91	16.65 -1.17 10.66	16.59 -1.01 9.62	28.00 -0.94 -0.43	58.63 -0.80 -28.74	78.97 -2.12 -39.50	80.48 -1.98 -40.33	91.42 -2.39 -51.82	67.96 -2.35 -28.36	67.57 -2.58 -32.25	62.23 -2.98 -26.54	66.79 -3.00 -33.25	58.90 -3.06 -25.98	49.15 -3.23 -14.40	69.72 -3.46 -33.82	67.17 -3.27 -31.06	77.28 -3.27 -36.34	87.63 -2.91 -42.82	77.80 -2.47 -25.27	85.00 -2.27 -31.88	63.74 -0.26 -20.13	39.82 -0.51 -4.15	41.33 -0.69 -7.43
ALTAMONT_115KV_TB 2 55880	33.41 0.88 0.00	31.59 0.86 0.00	29.31 0.83 0.00	28.00 0.79 0.00	29.34 0.83 0.00	31.56 0.86 0.00	42.63 1.04 0.00	43.23 1.10 0.00	43.04 1.05 0.00	43.04 1.09 0.00	38.89 0.99 0.00	39.67 1.01 0.00	37.52 0.99 0.00	37.02 1.04 0.00	39.04 1.06 0.00	40.47 1.10 0.00	40.51 1.14 0.00	45.40 1.19 0.00	48.97 1.24 0.00	56.43 1.43 0.00	56.77 1.38 0.00	44.92 1.05 0.00	37.02 0.83 0.00	35.39 0.80 0.00
ALTONA_WT_PWR 323606	32.56 0.03 0.00	30.70 -0.03 0.00	28.40 -0.09 0.00	27.08 -0.14 0.00	28.35 -0.17 0.00	30.54 -0.15 0.00	41.63 0.04 0.00	42.13 0.00 0.00	42.03 0.04 0.00	41.78 -0.17 0.00	37.67 -0.23 0.00	38.43 -0.23 0.00	36.21 -0.33 0.00	35.58 -0.39 0.00	37.60 -0.38 0.00	39.05 -0.32 0.00	39.10 -0.27 0.00	44.03 -0.18 0.00	47.63 -0.10 0.00	54.78 -0.22 0.00	55.22 -0.17 0.00	43.74 -0.13 0.00	36.04 -0.14 0.00	34.53 -0.07 0.00
AMERICAN_REF_FUEL 24010	20.61 -4.16 7.76	17.07 -3.81 9.85	16.19 -3.48 8.81	16.05 -3.21 7.96	17.35 -3.25 7.91	19.00 -3.62 8.08	24.89 -5.62 11.08	25.30 -5.52 11.32	22.71 -5.29 13.99	24.49 -4.66 12.81	24.63 -4.21 9.06	23.37 -4.44 10.85	22.29 -4.42 9.82	22.55 -4.32 9.11	20.98 -4.37 12.63	21.45 -5.04 12.88	23.85 -5.04 10.48	26.31 -5.70 12.20	29.10 -6.78 11.85	38.81 -7.87 8.33	39.28 -7.87 8.25	32.94 -5.79 5.14	30.42 -4.70 1.06	28.03 -4.67 1.90
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.59 -3.61 9.33	15.41 -3.47 11.85	14.69 -3.19 10.60	14.60 -3.05 9.57	15.90 -3.19 9.43	17.72 -3.47 9.51	23.85 -4.70 13.04	24.26 -4.55 13.32	21.18 -4.37 16.44	22.70 -4.11 15.14	23.59 -3.60 10.71	21.90 -3.79 12.97	21.13 -3.69 11.72	21.40 -3.70 10.88	19.00 -3.83 15.14	20.50 -4.37 14.50	22.80 -4.45 12.13	25.00 -4.78 14.43	28.97 -4.82 13.93	41.21 -4.95 8.85	41.32 -4.82 9.25	34.41 -3.42 6.04	32.01 -2.93 1.24	29.36 -3.01 2.23
ARTHUR KILL_GT_1 23520	34.91 2.37 -0.01	33.04 2.30 -0.01	30.80 2.31 -0.01	29.43 2.20 -0.01	30.71 2.20 0.00	33.00 2.30 0.00	44.46 2.87 0.00	45.42 3.29 0.00	45.31 3.32 0.00	45.43 3.48 0.00	41.12 3.22 0.00	41.99 3.32 0.00	39.79 3.25 0.00	39.32 3.35 0.00	41.55 3.57 0.00	43.07 3.70 0.00	43.19 3.82 0.00	48.55 4.33 -0.01	52.22 4.49 -0.01	59.85 4.84 -0.01	60.05 4.65 -0.01	47.43 3.55 -0.01	38.80 2.61 -0.01	37.03 2.42 -0.01
ARTHUR_KILL_2 23512	34.82 2.28 -0.01	32.95 2.21 -0.01	30.74 2.25 -0.01	29.37 2.15 -0.01	30.63 2.11 0.00	32.94 2.24 0.00	44.38 2.79 0.00	45.29 3.16 0.00	45.22 3.23 0.00	45.31 3.36 0.00	40.97 3.07 0.00	41.87 3.21 0.00	39.71 3.18 0.00	39.25 3.27 0.00	41.43 3.46 0.00	42.99 3.62 0.00	43.11 3.74 0.00	48.42 4.20 -0.01	52.08 4.34 -0.01	59.68 4.67 -0.01	59.94 4.54 -0.01	47.30 3.42 -0.01	38.76 2.57 -0.01	36.89 2.28 -0.01
ARTHUR_KILL_3 23513	34.29 1.76 0.00	32.42 1.69 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.11 1.60 0.00	32.45 1.75 0.00	43.96 2.37 0.00	44.87 2.74 0.00	44.80 2.81 0.00	44.84 2.89 0.00	40.63 2.73 0.00	41.52 2.86 0.00	39.39 2.85 0.00	38.89 2.91 0.00	41.05 3.07 0.00	42.52 3.15 0.00	42.64 3.27 0.00	47.83 3.63 0.00	51.49 3.77 0.00	59.13 4.13 0.00	59.32 3.93 0.00	46.72 2.85 0.00	38.21 2.03 0.00	36.29 1.69 0.00

ARTHUR_KILL_COGEN 323718	34.91 2.37 -0.01	33.04 2.31 -0.01	30.79 2.31 -0.01	29.43 2.20 -0.01	30.71 2.20 0.00	33.00 2.30 0.00	44.50 2.91 0.00	45.42 3.29 0.00	45.31 3.32 0.00	45.43 3.48 0.00	41.08 3.18 0.00	41.95 3.28 0.00	39.79 3.25 0.00	39.32 3.35 0.00	41.54 3.57 0.00	43.07 3.70 0.00	43.19 3.82 0.00	48.55 4.33 -0.01	52.22 4.48 -0.01	59.85 4.84 -0.01	60.10 4.71 -0.01	47.43 3.55 -0.01	38.87 2.68 -0.01	36.96 2.35 -0.01
ASHOKAN____ 23654	34.42 1.89 0.00	32.48 1.75 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.08 1.57 0.00	32.32 1.63 0.00	43.71 2.12 0.00	44.36 2.23 0.00	43.96 1.97 0.00	43.84 1.89 0.00	39.45 1.55 0.00	40.25 1.59 0.00	38.07 1.53 0.00	37.52 1.55 0.00	39.42 1.44 0.00	40.95 1.58 0.00	41.06 1.69 0.00	46.29 2.08 0.00	49.92 2.20 0.00	57.64 2.64 0.00	58.16 2.77 0.00	46.19 2.32 0.00	37.96 1.77 0.00	36.33 1.73 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.45 1.92 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.54 1.84 0.00	43.66 2.08 0.01	44.61 2.49 0.01	44.63 2.65 0.01	44.75 2.81 0.01	40.51 2.61 0.01	41.40 2.75 0.01	39.30 2.78 0.01	38.81 2.84 0.01	40.97 3.00 0.01	42.44 3.07 0.01	42.52 3.15 0.01	47.74 3.54 0.01	51.30 3.58 0.01	58.79 3.79 0.01	58.98 3.60 0.01	46.45 2.59 0.01	38.09 1.92 0.01	36.35 1.76 0.01
ASTORIA_EAST_ENERGY_CC2 323582	34.45 1.92 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.54 1.84 0.00	43.66 2.08 0.01	44.61 2.49 0.01	44.63 2.65 0.01	44.75 2.81 0.01	40.51 2.61 0.01	41.40 2.75 0.01	39.30 2.78 0.01	38.81 2.84 0.01	40.97 3.00 0.01	42.44 3.07 0.01	42.52 3.15 0.01	47.74 3.54 0.01	51.30 3.58 0.01	58.79 3.79 0.01	58.98 3.60 0.01	46.45 2.59 0.01	38.09 1.92 0.01	36.35 1.76 0.01
ASTORIA_GT2_1 24094	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT2_2 24095	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT2_3 24096	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT2_4 24097	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT3_1 24098	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT3_2 24099	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT3_3 24100	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT3_4 24101	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT4_1 24102	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT4_2 24103	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT4_3 24104	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01

ASTORIA_GT4_4 24105	34.48 1.95 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.57 1.87 0.00	43.66 2.08 0.01	44.62 2.49 0.00	44.68 2.69 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.48 3.11 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.35 3.63 0.00	58.80 3.80 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.02 1.85 0.01	36.46 1.87 0.01
ASTORIA_GT_1 23523	34.52 1.98 0.00	32.79 2.06 0.00	30.41 1.94 0.01	29.03 1.82 0.01	30.30 1.80 0.01	32.60 1.90 0.00	43.74 2.16 0.01	44.70 2.57 0.00	44.76 2.77 0.00	44.85 2.89 0.00	40.67 2.77 0.00	41.52 2.86 0.00	39.39 2.85 0.00	38.93 2.95 0.00	41.05 3.08 0.00	42.56 3.19 0.00	42.64 3.27 0.00	47.79 3.58 0.00	51.40 3.67 0.00	58.91 3.91 0.00	59.10 3.71 0.00	46.55 2.68 0.00	38.09 1.92 0.01	36.49 1.90 0.01
ASTORIA_GT_10 24110	34.48 1.95 0.00	32.63 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.82 0.00	32.66 1.96 0.00	43.96 2.37 0.00	44.91 2.78 0.00	44.89 2.90 0.00	44.97 3.02 0.00	40.78 2.88 0.00	41.64 2.98 0.00	39.46 2.92 0.00	39.04 3.06 0.00	41.17 3.19 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.92 3.71 0.00	51.59 3.87 0.00	59.07 4.07 0.00	59.27 3.88 0.00	46.77 2.90 0.00	38.28 2.10 0.00	36.57 1.97 0.00
ASTORIA_GT_11 24225	34.48 1.95 0.00	32.63 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.82 0.00	32.66 1.96 0.00	43.96 2.37 0.00	44.91 2.78 0.00	44.89 2.90 0.00	44.97 3.02 0.00	40.78 2.88 0.00	41.64 2.98 0.00	39.46 2.92 0.00	39.04 3.06 0.00	41.17 3.19 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.92 3.71 0.00	51.59 3.87 0.00	59.07 4.07 0.00	59.27 3.88 0.00	46.77 2.90 0.00	38.28 2.10 0.00	36.57 1.97 0.00
ASTORIA_GT_12 24226	34.48 1.95 0.00	32.63 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.82 0.00	32.66 1.96 0.00	43.96 2.37 0.00	44.91 2.78 0.00	44.89 2.90 0.00	44.97 3.02 0.00	40.78 2.88 0.00	41.64 2.98 0.00	39.46 2.92 0.00	39.04 3.06 0.00	41.17 3.19 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.92 3.71 0.00	51.59 3.87 0.00	59.07 4.07 0.00	59.27 3.88 0.00	46.77 2.90 0.00	38.28 2.10 0.00	36.57 1.97 0.00
ASTORIA_GT_13 24227	34.48 1.95 0.00	32.63 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.82 0.00	32.66 1.96 0.00	43.96 2.37 0.00	44.91 2.78 0.00	44.89 2.90 0.00	44.97 3.02 0.00	40.78 2.88 0.00	41.64 2.98 0.00	39.46 2.92 0.00	39.04 3.06 0.00	41.17 3.19 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.92 3.71 0.00	51.59 3.87 0.00	59.07 4.07 0.00	59.27 3.88 0.00	46.77 2.90 0.00	38.28 2.10 0.00	36.57 1.97 0.00
ASTORIA_GT_5 24106	34.52 1.98 0.00	32.79 2.06 0.00	30.41 1.94 0.01	29.03 1.82 0.01	30.30 1.80 0.01	32.60 1.90 0.00	43.74 2.16 0.01	44.70 2.57 0.00	44.76 2.77 0.00	44.85 2.89 0.00	40.67 2.77 0.00	41.52 2.86 0.00	39.39 2.85 0.00	38.93 2.95 0.00	41.05 3.08 0.00	42.56 3.19 0.00	42.64 3.27 0.00	47.79 3.58 0.00	51.40 3.67 0.00	58.91 3.91 0.00	59.10 3.71 0.00	46.55 2.68 0.00	38.09 1.92 0.01	36.49 1.90 0.01
ASTORIA_GT_7 24107	34.52 1.98 0.00	32.79 2.06 0.00	30.41 1.94 0.01	29.03 1.82 0.01	30.30 1.80 0.01	32.60 1.90 0.00	43.74 2.16 0.01	44.70 2.57 0.00	44.76 2.77 0.00	44.85 2.89 0.00	40.67 2.77 0.00	41.52 2.86 0.00	39.39 2.85 0.00	38.93 2.95 0.00	41.05 3.08 0.00	42.56 3.19 0.00	42.64 3.27 0.00	47.79 3.58 0.00	51.40 3.67 0.00	58.91 3.91 0.00	59.10 3.71 0.00	46.55 2.68 0.00	38.09 1.92 0.01	36.49 1.90 0.01
ASTORIA_GT_8 24108	34.52 1.98 0.00	32.79 2.06 0.00	30.41 1.94 0.01	29.03 1.82 0.01	30.30 1.80 0.01	32.60 1.90 0.00	43.74 2.16 0.01	44.70 2.57 0.00	44.76 2.77 0.00	44.85 2.89 0.00	40.67 2.77 0.00	41.52 2.86 0.00	39.39 2.85 0.00	38.93 2.95 0.00	41.05 3.08 0.00	42.56 3.19 0.00	42.64 3.27 0.00	47.79 3.58 0.00	51.40 3.67 0.00	58.91 3.91 0.00	59.10 3.71 0.00	46.55 2.68 0.00	38.09 1.92 0.01	36.49 1.90 0.01
ASTORIA___2 24149	34.45 1.92 0.00	32.76 2.03 0.00	30.35 1.88 0.01	29.00 1.80 0.01	30.28 1.77 0.01	32.54 1.84 0.00	43.70 2.12 0.01	44.61 2.49 0.01	44.67 2.69 0.01	44.75 2.81 0.01	40.54 2.65 0.01	41.44 2.79 0.01	39.30 2.78 0.01	38.85 2.88 0.01	40.97 3.00 0.01	42.47 3.11 0.01	42.55 3.19 0.01	47.74 3.54 0.01	51.34 3.63 0.01	58.79 3.79 0.01	59.04 3.65 0.01	46.49 2.63 0.01	38.13 1.95 0.01	36.39 1.80 0.01
ASTORIA___3 23516	34.48 1.95 0.00	32.64 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.83 0.00	32.66 1.97 0.00	44.00 2.41 0.00	44.95 2.82 0.00	44.88 2.90 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.07 4.07 0.00	59.32 3.93 0.00	46.81 2.94 0.00	38.36 2.17 0.00	36.50 1.90 0.00
ASTORIA___4 23517	34.48 1.95 0.00	32.63 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.82 0.00	32.66 1.96 0.00	43.96 2.37 0.00	44.91 2.78 0.00	44.89 2.90 0.00	44.97 3.02 0.00	40.78 2.88 0.00	41.64 2.98 0.00	39.46 2.92 0.00	39.04 3.06 0.00	41.17 3.19 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.92 3.71 0.00	51.59 3.87 0.00	59.07 4.07 0.00	59.21 3.82 0.00	46.77 2.90 0.00	38.28 2.10 0.00	36.57 1.97 0.00
ASTORIA___5 23518	34.48 1.95 0.00	32.64 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.83 0.00	32.66 1.97 0.00	44.00 2.41 0.00	44.95 2.82 0.00	44.88 2.90 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.07 4.07 0.00	59.32 3.93 0.00	46.81 2.94 0.00	38.36 2.17 0.00	36.50 1.90 0.00
AST_ENERGY_2_CC3 323677	34.38 1.85 0.00	32.51 1.78 0.00	30.30 1.82 0.00	28.96 1.74 0.00	30.23 1.71 0.00	32.57 1.87 0.00	44.04 2.45 0.00	44.95 2.82 0.00	44.88 2.90 0.00	44.93 2.98 0.00	40.70 2.80 0.00	41.60 2.94 0.00	39.46 2.92 0.00	38.96 2.98 0.00	41.13 3.15 0.00	42.60 3.23 0.00	42.68 3.31 0.00	47.92 3.71 0.00	51.54 3.82 0.00	59.18 4.18 0.00	59.43 4.04 0.00	46.81 2.94 0.00	38.32 2.13 0.00	36.39 1.80 0.00
AST_ENERGY_2_CC4 323678	34.38 1.85 0.00	32.51 1.78 0.00	30.30 1.82 0.00	28.96 1.74 0.00	30.23 1.71 0.00	32.57 1.87 0.00	44.04 2.45 0.00	44.95 2.82 0.00	44.88 2.90 0.00	44.93 2.98 0.00	40.70 2.80 0.00	41.60 2.94 0.00	39.46 2.92 0.00	38.96 2.98 0.00	41.13 3.15 0.00	42.60 3.23 0.00	42.68 3.31 0.00	47.92 3.71 0.00	51.54 3.82 0.00	59.18 4.18 0.00	59.43 4.04 0.00	46.81 2.94 0.00	38.32 2.13 0.00	36.39 1.80 0.00

ATHENS_STG_1 23668	33.64 1.11 0.00	31.80 1.07 0.00	29.53 1.05 0.00	28.25 1.03 0.00	29.57 1.06 0.00	31.83 1.14 0.00	43.00 1.41 0.00	43.73 1.60 0.00	43.63 1.64 0.00	43.63 1.68 0.00	39.45 1.55 0.00	40.28 1.62 0.00	38.14 1.61 0.00	37.63 1.66 0.00	39.72 1.75 0.00	41.14 1.77 0.00	41.18 1.81 0.00	46.20 1.99 0.00	49.78 2.05 0.00	57.31 2.31 0.00	57.61 2.22 0.00	45.54 1.67 0.00	37.42 1.23 0.00	35.67 1.07 0.00
ATHENS_STG_2 23670	33.64 1.11 0.00	31.80 1.07 0.00	29.53 1.05 0.00	28.25 1.03 0.00	29.57 1.06 0.00	31.83 1.14 0.00	43.00 1.41 0.00	43.73 1.60 0.00	43.63 1.64 0.00	43.63 1.68 0.00	39.45 1.55 0.00	40.28 1.62 0.00	38.14 1.61 0.00	37.63 1.66 0.00	39.72 1.75 0.00	41.14 1.77 0.00	41.18 1.81 0.00	46.20 1.99 0.00	49.78 2.05 0.00	57.31 2.31 0.00	57.61 2.22 0.00	45.54 1.67 0.00	37.42 1.23 0.00	35.67 1.07 0.00
ATHENS_STG_3 23677	33.64 1.11 0.00	31.80 1.07 0.00	29.53 1.05 0.00	28.25 1.03 0.00	29.57 1.06 0.00	31.83 1.14 0.00	43.00 1.41 0.00	43.73 1.60 0.00	43.63 1.64 0.00	43.63 1.68 0.00	39.45 1.55 0.00	40.28 1.62 0.00	38.14 1.61 0.00	37.63 1.66 0.00	39.72 1.75 0.00	41.14 1.77 0.00	41.18 1.81 0.00	46.20 1.99 0.00	49.78 2.05 0.00	57.31 2.31 0.00	57.61 2.22 0.00	45.54 1.67 0.00	37.42 1.23 0.00	35.67 1.07 0.00
AUBURN___LFGE 323710	29.86 -0.26 2.41	27.45 -0.22 3.06	25.51 -0.23 2.74	24.52 -0.22 2.47	26.82 -0.20 1.49	31.70 -0.12 -1.13	43.15 0.00 -1.56	43.77 0.04 -1.59	44.19 0.00 -2.20	42.45 0.04 -0.45	39.15 -0.04 -1.29	38.94 -0.15 -0.43	37.61 -0.18 -1.26	36.44 -0.25 -0.71	36.70 -0.23 1.05	40.45 -0.31 -1.40	40.37 -0.31 -1.31	45.95 -0.27 -2.01	50.37 -0.14 -2.79	59.74 0.05 -4.68	60.96 0.11 -5.46	44.68 0.09 -0.72	36.37 0.04 -0.15	34.79 -0.07 -0.27
BABYLON_RES_REC 323704	35.11 2.57 -0.01	33.20 2.46 -0.01	30.82 2.34 0.00	29.51 2.29 -0.01	30.83 2.31 -0.01	33.25 2.55 -0.01	44.88 3.28 -0.01	45.76 3.62 -0.01	45.57 3.57 -0.01	45.52 3.56 -0.01	44.87 3.30 -3.67	46.32 3.40 -4.26	46.58 3.32 -6.72	46.89 3.35 -7.57	47.55 3.49 -6.08	48.43 3.58 -5.48	49.01 3.66 -5.98	53.96 4.06 -5.69	52.23 4.34 -0.16	60.34 4.84 -0.50	62.94 4.76 -2.78	48.85 3.55 -1.43	43.85 2.82 -4.84	38.41 2.52 -1.29
BALL_HILL_WT_PWR 323825	20.37 -3.19 8.97	16.39 -2.95 11.39	15.58 -2.71 10.19	15.46 -2.56 9.20	16.49 -2.62 9.40	17.53 -2.85 10.31	23.37 -4.07 14.15	23.77 -3.92 14.44	20.85 -3.78 17.36	22.52 -3.57 15.87	23.05 -3.18 11.67	21.43 -3.40 13.83	20.36 -3.36 12.82	20.91 -3.34 11.73	18.98 -3.42 15.58	19.70 -3.97 15.69	22.14 -4.02 13.22	24.26 -4.42 15.53	28.07 -4.58 15.07	40.86 -5.00 9.14	40.87 -4.93 9.59	34.05 -3.55 6.27	31.89 -3.00 1.29	29.24 -3.04 2.31
BARON_WINDS___WT_PWR 323822	16.69 -2.11 13.73	11.26 -2.03 17.44	10.92 -1.96 15.60	11.26 -1.88 14.08	5.07 -1.94 21.51	-10.00 -1.93 38.76	-14.00 -2.58 53.01	-14.43 -2.44 54.11	-10.00 -2.69 49.30	-10.00 -2.64 49.31	-10.00 -2.46 45.44	-13.70 -2.67 49.70	-18.09 -2.56 52.07	-11.13 -2.55 44.56	-10.00 -2.77 45.20	-18.04 -3.03 54.38	-13.99 -3.03 50.33	-15.78 -3.23 56.76	-10.00 -3.10 54.62	35.56 -3.08 16.36	32.97 -2.99 19.43	27.73 -2.10 14.03	31.38 -1.92 2.89	27.48 -1.94 5.18
BARRETT_IC_1 23704	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT_IC_10 23701	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT_IC_11 23702	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT_IC_12 23703	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT_IC_2 23705	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT_IC_3 23706	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT_IC_4 23707	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT_IC_5 23708	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25

BARRETT_IC_6 23709	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT_IC_7 23710	34.72 2.18 -0.01	32.98 2.24 -0.01	30.65 2.16 0.00	29.29 2.07 -0.01	30.61 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.34 2.88 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.08 -5.90	47.80 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.87 -0.01	59.25 4.24 -0.01	61.40 3.88 -2.13	48.11 2.85 -1.38	43.12 2.24 -4.69	37.99 2.14 -1.25
BARRETT_IC_8 23711	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT_IC_9 23700	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT___1 23545	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BARRETT___2 23546	34.72 2.18 -0.01	32.98 2.24 -0.01	30.64 2.16 0.00	29.32 2.10 -0.01	30.60 2.08 -0.01	32.98 2.27 -0.01	44.51 2.91 -0.01	45.34 3.20 -0.01	45.19 3.19 -0.01	45.23 3.27 -0.01	44.30 2.84 -3.56	45.77 2.98 -4.13	45.97 2.92 -6.51	46.27 2.95 -7.34	46.95 3.07 -5.90	47.79 3.11 -5.31	48.32 3.15 -5.80	52.97 3.45 -5.31	51.60 3.86 -0.01	59.25 4.24 -0.01	61.45 3.93 -2.13	48.15 2.89 -1.38	43.20 2.32 -4.69	37.92 2.08 -1.25
BATAVIA__115KV_TB1 55881	22.99 -2.90 6.65	19.56 -2.73 8.44	18.42 -2.51 7.55	18.17 -2.23 6.81	19.86 -2.22 6.43	22.78 -2.43 5.50	30.82 -3.29 7.48	31.41 -3.08 7.64	30.19 -3.11 8.69	29.96 -2.73 9.26	29.01 -2.69 6.20	27.76 -2.90 8.00	26.70 -2.89 6.95	26.43 -2.95 6.60	25.12 -3.00 9.85	17.89 -3.50 17.98	27.96 -3.46 7.95	31.83 -3.76 8.62	35.51 -4.25 7.97	44.17 -4.73 6.10	45.14 -4.65 5.60	37.40 -3.38 3.09	32.69 -2.86 0.64	30.52 -2.94 1.14
BAYONEEC___CTG1 323682	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00
BAYONEEC___CTG10 323750	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00
BAYONEEC___CTG2 323683	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00
BAYONEEC___CTG3 323684	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00
BAYONEEC___CTG4 323685	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00
BAYONEEC___CTG5 323686	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00
BAYONEEC___CTG6 323687	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00
BAYONEEC___CTG7 323688	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00

BAYONEEC___CTG8 323689	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00
BAYONEEC___CTG9 323749	34.42 1.89 0.00	32.51 1.78 0.00	30.28 1.80 0.00	28.93 1.72 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	45.00 2.87 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.39 1.80 0.00
BAYPORT_69_KV_BK 2 356364	35.63 3.09 -0.01	33.63 2.89 -0.01	31.21 2.73 0.00	29.92 2.69 -0.01	31.26 2.74 -0.01	33.71 3.01 -0.01	45.42 3.83 -0.01	46.27 4.13 -0.01	46.03 4.03 -0.01	45.95 3.99 -0.01	44.99 3.68 -3.41	46.41 3.79 -3.96	46.43 3.65 -6.24	46.72 3.71 -7.03	47.54 3.91 -5.65	48.48 4.02 -5.09	49.06 4.13 -5.56	54.87 4.64 -6.02	53.28 4.87 -0.69	62.63 5.45 -2.18	65.42 5.37 -4.66	49.29 4.08 -1.34	43.83 3.15 -4.50	38.87 3.08 -1.20
BEACON___LESR 323632	33.77 1.24 0.00	31.93 1.20 0.00	29.62 1.14 0.00	28.30 1.09 0.00	29.63 1.11 0.00	31.89 1.20 0.00	42.88 1.29 0.00	43.44 1.31 0.00	43.25 1.26 0.00	43.25 1.30 0.00	39.11 1.21 0.00	39.86 1.20 0.00	37.71 1.17 0.00	37.20 1.22 0.00	39.19 1.21 0.00	40.71 1.34 0.00	40.71 1.34 0.00	45.53 1.33 0.00	49.01 1.29 0.00	56.54 1.54 0.00	56.94 1.55 0.00	45.01 1.14 0.00	37.24 1.05 0.00	35.67 1.07 0.00
BEAVER RIVER___HYD 24048	32.47 -0.06 0.00	30.48 -0.25 0.00	28.17 -0.31 0.00	26.78 -0.44 0.00	27.97 -0.54 0.00	30.11 -0.58 0.00	40.88 -0.71 0.00	41.20 -0.93 0.00	41.03 -1.13 -0.18	40.75 -1.38 -0.18	36.50 -1.40 0.00	37.23 -1.43 0.00	35.00 -1.53 0.00	34.40 -1.58 0.00	36.53 -1.44 0.00	38.07 -1.30 0.00	38.19 -1.18 0.00	43.10 -1.10 0.00	48.04 -0.43 -0.75	56.12 0.17 -0.95	56.37 0.06 -0.93	44.00 0.13 0.00	36.40 0.22 0.00	34.81 0.21 0.00
BEEBEE_GT_13 23619	25.90 -2.02 4.61	22.97 -1.91 5.86	21.48 -1.77 5.24	20.91 -1.58 4.73	23.52 -1.57 3.43	29.27 -1.63 -0.20	39.73 -2.16 -0.30	40.54 -1.90 -0.31	41.41 -1.81 -1.23	38.46 -1.64 1.86	36.47 -1.59 -0.16	35.47 -1.70 1.49	34.62 -1.72 0.20	33.36 -1.83 0.79	32.29 -1.90 3.79	37.95 -2.20 -0.79	35.36 -2.20 1.81	41.18 -2.39 0.64	45.63 -2.53 -0.43	52.00 -2.86 0.14	51.94 -2.82 0.62	42.49 -2.06 -0.68	34.59 -1.74 -0.14	33.01 -1.83 -0.25
BENSHRST_27_KV_BENSHRST_1 355998	34.82 2.28 -0.01	32.92 2.18 -0.01	30.68 2.19 -0.01	29.32 2.10 -0.01	30.60 2.08 0.00	32.91 2.21 0.00	44.38 2.79 0.00	45.33 3.20 0.00	45.31 3.32 0.00	45.39 3.44 0.00	41.12 3.22 0.00	41.99 3.32 0.00	39.79 3.25 0.00	39.36 3.38 0.00	41.55 3.57 0.00	43.07 3.70 0.00	43.15 3.78 0.00	48.46 4.24 -0.01	52.12 4.39 -0.01	59.80 4.79 -0.01	60.00 4.60 -0.01	47.30 3.42 -0.01	38.69 2.50 -0.01	36.92 2.32 -0.01
BETHLEHEM___GRP 23843	33.38 0.85 0.00	31.56 0.83 0.00	29.28 0.80 0.00	27.98 0.76 0.00	29.31 0.80 0.00	31.46 0.77 0.00	42.21 0.62 0.00	42.76 0.63 0.00	42.62 0.63 0.00	42.62 0.67 0.00	38.58 0.68 0.00	39.32 0.66 0.00	37.23 0.69 0.00	36.73 0.76 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.16 0.79 0.00	44.87 0.66 0.00	48.35 0.62 0.00	55.72 0.72 0.00	56.05 0.66 0.00	44.31 0.44 0.00	36.66 0.47 0.00	35.05 0.45 0.00
BETHLEHEM___GS1 323560	33.38 0.84 0.00	31.56 0.83 0.00	29.28 0.80 0.00	27.98 0.76 0.00	29.31 0.80 0.00	31.47 0.77 0.00	42.25 0.66 0.00	42.76 0.63 0.00	42.62 0.63 0.00	42.62 0.67 0.00	38.58 0.68 0.00	39.32 0.66 0.00	37.19 0.66 0.00	36.73 0.76 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.16 0.79 0.00	44.87 0.66 0.00	48.34 0.62 0.00	55.67 0.66 0.00	56.06 0.67 0.00	44.35 0.48 0.00	36.73 0.54 0.00	35.22 0.62 0.00
BETHLEHEM___GS2 323561	33.38 0.84 0.00	31.56 0.83 0.00	29.28 0.80 0.00	27.98 0.76 0.00	29.31 0.80 0.00	31.47 0.77 0.00	42.25 0.66 0.00	42.76 0.63 0.00	42.62 0.63 0.00	42.62 0.67 0.00	38.58 0.68 0.00	39.32 0.66 0.00	37.19 0.66 0.00	36.73 0.76 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.16 0.79 0.00	44.87 0.66 0.00	48.34 0.62 0.00	55.67 0.66 0.00	56.06 0.67 0.00	44.35 0.48 0.00	36.73 0.54 0.00	35.22 0.62 0.00
BETHLEHEM___GS3 323562	33.38 0.84 0.00	31.56 0.83 0.00	29.28 0.80 0.00	27.98 0.76 0.00	29.31 0.80 0.00	31.47 0.77 0.00	42.25 0.66 0.00	42.76 0.63 0.00	42.62 0.63 0.00	42.62 0.67 0.00	38.58 0.68 0.00	39.32 0.66 0.00	37.19 0.66 0.00	36.73 0.76 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.16 0.79 0.00	44.87 0.66 0.00	48.34 0.62 0.00	55.67 0.66 0.00	56.06 0.67 0.00	44.35 0.48 0.00	36.73 0.54 0.00	35.22 0.62 0.00
BETHLEHEM___STEEL 23779	20.50 -3.32 8.72	16.59 -3.07 11.07	15.76 -2.82 9.90	15.67 -2.61 8.94	16.70 -2.68 9.14	17.72 -2.98 10.00	23.87 -4.08 13.65	24.32 -3.88 13.93	21.70 -3.78 16.51	23.06 -3.57 15.32	23.25 -3.37 11.28	21.70 -3.56 13.40	20.65 -3.47 12.42	21.16 -3.45 11.36	19.34 -3.53 15.11	19.93 -4.06 15.38	22.41 -4.09 12.87	24.68 -4.47 15.06	28.34 -4.77 14.61	40.72 -5.34 8.95	40.86 -5.26 9.26	34.00 -3.82 6.05	31.72 -3.22 1.25	29.15 -3.22 2.23
BETHLHEM_115KV_TB1 79974	33.38 0.85 0.00	31.56 0.83 0.00	29.28 0.80 0.00	27.98 0.76 0.00	29.31 0.80 0.00	31.50 0.80 0.00	42.30 0.71 0.00	42.85 0.72 0.00	42.70 0.71 0.00	42.71 0.76 0.00	38.66 0.76 0.00	39.40 0.73 0.00	37.30 0.77 0.00	36.80 0.83 0.00	38.77 0.80 0.00	40.24 0.87 0.00	40.24 0.87 0.00	45.00 0.80 0.00	48.49 0.76 0.00	55.83 0.83 0.00	56.22 0.83 0.00	44.44 0.57 0.00	36.73 0.54 0.00	35.12 0.52 0.00
BETHPAGE_CC_5 323564	35.05 2.51 -0.01	33.17 2.43 -0.01	30.79 2.31 0.00	29.48 2.26 -0.01	30.78 2.25 -0.01	33.19 2.49 -0.01	44.84 3.25 -0.01	45.72 3.58 -0.01	45.57 3.57 -0.01	45.57 3.61 -0.01	45.10 3.34 -3.87	46.59 3.44 -4.49	46.97 3.36 -7.07	47.33 3.38 -7.97	47.95 3.57 -6.40	48.76 3.62 -5.77	49.37 3.70 -6.30	54.19 4.11 -5.87	52.15 4.34 -0.08	60.08 4.84 -0.23	62.68 4.71 -2.58	48.89 3.51 -1.50	44.07 2.79 -5.10	38.41 2.46 -1.36
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.58 -3.16 8.79	16.65 -2.92 11.16	15.82 -2.68 9.99	15.72 -2.48 9.01	16.82 -2.54 9.15	18.03 -2.79 9.88	24.29 -3.83 13.47	24.71 -3.67 13.75	22.07 -3.57 16.35	23.38 -3.36 15.22	23.59 -3.18 11.12	22.06 -3.32 13.28	21.04 -3.25 12.25	21.47 -3.27 11.23	19.61 -3.30 15.06	20.33 -3.86 15.19	22.82 -3.86 12.69	25.07 -4.24 14.89	28.80 -4.49 14.44	41.11 -5.01 8.88	41.32 -4.87 9.19	34.31 -3.55 6.01	31.94 -3.00 1.24	29.34 -3.04 2.22

BINGHAMTON___COGEN 23790	40.96 0.16 -8.27	41.41 0.18 -10.50	38.04 0.17 -9.39	35.85 0.16 -8.48	34.88 0.23 -6.14	30.61 0.25 0.33	41.53 0.46 0.52	42.19 0.59 0.53	40.60 0.59 1.98	46.23 0.63 -3.65	38.20 0.57 0.27	42.04 0.58 -2.80	37.44 0.51 -0.39	37.93 0.47 -1.49	45.62 0.53 -7.11	39.32 0.43 0.48	39.51 0.39 0.26	43.95 0.44 0.70	48.03 0.52 0.22	55.48 0.72 0.24	55.93 0.72 0.18	43.27 0.57 1.17	36.34 0.40 0.24	34.48 0.31 0.43
BIXINCNT_115KV_LOAD 355685	20.36 -1.92 10.25	15.56 -2.15 13.02	14.27 -2.56 11.65	13.95 -2.75 10.51	15.84 -3.05 9.62	19.38 -3.41 7.91	25.90 -4.82 10.86	26.53 -4.51 11.09	23.09 -4.16 14.75	24.39 -3.73 13.83	26.17 -2.92 8.81	24.52 -2.82 11.32	24.18 -2.81 9.55	23.95 -2.81 9.22	20.53 -3.00 14.45	23.81 -3.50 12.06	25.82 -3.62 9.93	28.35 -3.58 12.28	32.83 -3.20 11.70	42.37 -4.13 8.51	42.47 -3.99 8.93	35.10 -2.94 5.83	32.41 -2.57 1.20	29.81 -2.63 2.15
BLACK RIVER___HYD 24047	32.60 0.07 0.00	30.67 -0.06 0.00	28.37 -0.11 0.00	27.03 -0.19 0.00	28.26 -0.26 0.00	30.42 -0.28 0.00	41.38 -0.21 0.00	41.84 -0.29 0.00	41.75 -0.50 -0.27	41.47 -0.75 -0.28	37.07 -0.83 0.00	37.89 -0.77 0.00	35.59 -0.95 0.00	34.90 -1.08 0.00	37.10 -0.87 0.00	38.62 -0.75 0.00	38.66 -0.71 0.00	43.68 -0.53 0.00	48.87 0.00 -1.14	57.22 0.83 -1.39	57.40 0.67 -1.34	44.53 0.66 0.00	36.69 0.51 0.00	35.05 0.45 0.00
BLACKRVR_115KV_TB2 79977	32.60 0.07 0.00	30.67 -0.06 0.00	28.37 -0.11 0.00	27.02 -0.19 0.00	28.26 -0.26 0.00	30.42 -0.28 0.00	41.38 -0.21 0.00	41.83 -0.29 0.00	41.75 -0.50 -0.27	41.47 -0.76 -0.28	37.10 -0.80 0.00	37.89 -0.77 0.00	35.59 -0.95 0.00	34.90 -1.08 0.00	37.10 -0.87 0.00	38.62 -0.75 0.00	38.66 -0.71 0.00	43.68 -0.53 0.00	48.87 0.00 -1.14	57.22 0.83 -1.39	57.40 0.66 -1.34	44.53 0.66 0.00	36.73 0.54 0.00	35.05 0.45 0.00
BLISS_WT_PWR 323608	20.29 -1.99 10.25	15.47 -2.24 13.02	14.10 -2.73 11.65	13.76 -2.94 10.51	15.58 -3.31 9.62	19.10 -3.68 7.91	25.49 -5.24 10.86	26.15 -4.89 11.09	22.76 -4.49 14.74	24.14 -3.99 13.83	26.06 -3.03 8.81	24.36 -2.98 11.32	24.03 -2.96 9.55	23.81 -2.95 9.22	20.34 -3.19 14.45	23.57 -3.74 12.06	25.59 -3.86 9.93	28.13 -3.80 12.28	32.64 -3.39 11.70	42.26 -4.23 8.51	42.30 -4.16 8.93	34.96 -3.07 5.83	32.34 -2.64 1.20	29.75 -2.70 2.15
BLUESTONE___WT_PWR 323821	38.06 1.40 -4.13	37.26 1.29 -5.24	34.37 1.20 -4.69	32.62 1.17 -4.23	32.83 1.25 -3.07	32.05 1.35 0.00	44.29 1.67 -1.03	45.12 1.94 -1.05	43.57 1.89 0.31	47.16 1.89 -3.32	40.49 1.55 -1.03	43.44 1.82 -2.96	39.67 1.46 -1.67	39.24 1.19 -2.08	44.76 1.52 -5.27	42.00 1.58 -1.05	41.93 1.42 -1.15	48.00 1.72 -2.07	51.04 2.00 -1.31	58.39 2.97 -0.42	58.82 2.82 -0.61	45.66 2.46 0.66	37.97 1.92 0.14	36.05 1.69 0.24
BLUE_CIRC_CHEM_DRP 24182	33.64 1.11 0.00	31.80 1.08 0.00	29.51 1.03 0.00	28.19 0.98 0.00	29.54 1.03 0.00	31.74 1.04 0.00	42.79 1.21 0.00	43.35 1.22 0.00	43.12 1.13 0.00	43.13 1.17 0.00	39.00 1.10 0.00	39.70 1.04 0.00	37.56 1.02 0.00	37.02 1.04 0.00	39.04 1.06 0.00	40.55 1.18 0.00	40.55 1.18 0.00	45.45 1.24 0.00	49.01 1.29 0.00	56.49 1.49 0.00	56.94 1.55 0.00	45.01 1.14 0.00	37.13 0.94 0.00	35.53 0.93 0.00
BOC_GAS_DRP 24189	33.34 0.81 0.00	31.53 0.80 0.00	29.25 0.77 0.00	27.95 0.73 0.00	29.29 0.77 0.00	31.50 0.80 0.00	42.46 0.87 0.00	43.10 0.97 0.00	42.95 0.97 0.00	42.92 0.96 0.00	38.85 0.95 0.00	39.63 0.97 0.00	37.49 0.95 0.00	36.98 1.01 0.00	39.00 1.03 0.00	40.43 1.06 0.00	40.44 1.06 0.00	45.31 1.11 0.00	48.82 1.10 0.00	56.27 1.27 0.00	56.61 1.22 0.00	44.75 0.88 0.00	36.91 0.72 0.00	35.29 0.69 0.00
BOONVILLE_115KV_TB1 79983	33.05 0.52 0.00	31.10 0.37 0.00	28.77 0.28 0.00	27.40 0.19 0.00	28.66 0.14 0.00	30.85 0.15 0.00	41.84 0.25 0.00	42.34 0.21 0.00	42.23 0.13 -0.11	42.07 0.00 -0.12	37.86 -0.04 0.00	38.66 0.00 0.00	36.39 -0.15 0.00	35.76 -0.22 0.00	37.94 -0.04 0.00	39.45 0.08 0.00	39.49 0.12 0.00	44.47 0.27 0.00	49.01 0.81 -0.48	56.77 1.38 -0.40	56.94 1.22 -0.33	44.97 1.10 0.00	37.09 0.90 0.00	35.36 0.76 0.00
BORALEX_4TH_BRANCH 23824	34.16 1.63 0.00	32.30 1.57 0.00	29.93 1.45 0.00	28.63 1.42 0.00	30.00 1.48 0.00	32.32 1.63 0.00	43.75 2.16 0.00	44.32 2.19 0.00	44.13 2.14 0.00	44.13 2.18 0.00	39.91 2.01 0.00	40.67 2.01 0.00	38.47 1.94 0.00	37.92 1.94 0.00	39.99 2.01 0.00	41.46 2.09 0.00	41.50 2.13 0.00	46.55 2.34 0.00	50.16 2.43 0.00	57.81 2.81 0.00	58.16 2.77 0.00	45.98 2.11 0.00	37.89 1.70 0.00	36.22 1.63 0.00
BOWLINE___1 23526	34.16 1.63 0.00	32.30 1.57 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.00 1.48 0.00	32.32 1.63 0.00	43.75 2.16 0.00	44.57 2.44 0.00	44.51 2.52 0.00	44.51 2.56 0.00	40.36 2.46 0.00	41.25 2.59 0.00	39.13 2.59 0.00	38.60 2.62 0.00	40.75 2.77 0.00	42.21 2.84 0.00	42.24 2.87 0.00	47.35 3.14 0.00	51.02 3.29 0.00	58.74 3.74 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.07 1.88 0.00	36.19 1.59 0.00
BOWLINE___2 23595	34.16 1.63 0.00	32.30 1.57 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.00 1.48 0.00	32.32 1.63 0.00	43.75 2.16 0.00	44.57 2.44 0.00	44.51 2.52 0.00	44.51 2.56 0.00	40.36 2.46 0.00	41.25 2.59 0.00	39.13 2.59 0.00	38.60 2.62 0.00	40.75 2.77 0.00	42.21 2.84 0.00	42.24 2.87 0.00	47.35 3.14 0.00	51.02 3.29 0.00	58.74 3.74 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.07 1.88 0.00	36.19 1.59 0.00
BRADY___115KV_TB2 356060	32.60 0.07 0.00	30.73 0.00 0.00	28.42 -0.06 0.00	27.13 -0.08 0.00	28.37 -0.14 0.00	30.61 -0.09 0.00	41.80 0.21 0.00	42.26 0.13 0.00	41.99 0.00 0.00	41.62 -0.34 0.00	37.48 -0.42 0.00	38.16 -0.50 0.00	35.95 -0.58 0.00	35.37 -0.61 0.00	37.41 -0.57 0.00	38.94 -0.43 0.00	38.94 -0.43 0.00	43.85 -0.35 0.00	47.53 -0.19 0.00	54.95 -0.06 0.00	55.39 0.00 0.00	43.96 0.09 0.00	36.26 0.07 0.00	34.80 0.21 0.00
BRANSCOMB___SOLAR 323811	34.29 1.76 0.00	32.42 1.69 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.08 1.57 0.00	32.48 1.78 0.00	43.96 2.37 0.00	44.53 2.40 0.00	44.30 2.31 0.00	44.34 2.39 0.00	39.98 2.08 0.00	40.67 2.01 0.00	38.40 1.86 0.00	37.85 1.87 0.00	39.87 1.90 0.00	41.46 2.09 0.00	41.46 2.09 0.00	46.46 2.25 0.00	49.87 2.15 0.00	57.64 2.64 0.00	58.10 2.71 0.00	45.89 2.02 0.00	37.85 1.67 0.00	36.22 1.63 0.00
BRDGHMPT_69_KV_BK1 55812	36.31 3.77 -0.01	34.21 3.47 -0.01	31.76 3.28 0.00	30.46 3.24 -0.01	31.86 3.34 -0.01	34.36 3.65 -0.01	46.26 4.66 -0.01	47.11 4.97 -0.01	45.82 3.82 -0.01	45.57 3.61 -0.01	44.53 3.26 -3.37	45.86 3.29 -3.91	45.92 3.22 -6.17	46.20 3.27 -6.95	47.06 3.49 -5.59	48.03 3.62 -5.04	48.65 3.78 -5.49	54.57 4.24 -6.12	52.68 4.15 -0.80	62.22 4.68 -2.55	65.12 4.65 -5.08	48.66 3.47 -1.32	43.20 2.57 -4.45	38.27 2.49 -1.18



BRENTWOD_69_KV_W. BRTWOOD 56703	35.37 2.83 -0.01	33.38 2.64 -0.01	31.02 2.53 0.00	29.70 2.48 -0.01	31.03 2.51 -0.01	33.47 2.76 -0.01	45.13 3.54 -0.01	46.01 3.88 -0.01	45.82 3.82 -0.01	45.78 3.82 -0.01	44.85 3.52 -3.42	46.26 3.63 -3.97	46.30 3.51 -6.26	46.59 3.56 -7.05	47.36 3.72 -5.67	48.26 3.78 -5.11	48.80 3.86 -5.57	54.66 4.29 -6.16	53.00 4.49 -0.78	62.49 5.01 -2.48	65.35 4.93 -5.03	48.94 3.73 -1.34	43.63 2.93 -4.51	38.63 2.84 -1.20
BRISTLHL_115KV_TB1 79998	31.78 -0.75 0.00	30.02 -0.71 0.00	27.83 -0.66 0.00	26.59 -0.63 0.00	27.89 -0.63 0.00	30.05 -0.64 0.00	40.76 -0.83 0.00	41.24 -0.88 0.00	41.66 -0.88 -0.55	41.73 -0.80 -0.57	37.14 -0.76 0.00	37.85 -0.81 0.00	35.77 -0.77 0.00	35.15 -0.83 0.00	37.10 -0.87 0.00	38.43 -0.94 0.00	38.39 -0.98 0.00	43.15 -1.06 0.00	48.99 -1.10 -2.37	56.53 -1.16 -2.68	56.76 -1.16 -2.53	42.99 -0.88 0.00	35.53 -0.65 0.00	33.90 -0.69 0.00
BROOKHAVEN___DRP 24191	35.47 2.93 -0.01	33.44 2.70 -0.01	31.04 2.56 0.00	29.75 2.53 -0.01	31.12 2.59 -0.01	33.56 2.85 -0.01	45.13 3.54 -0.01	45.97 3.83 -0.01	45.65 3.65 -0.01	45.53 3.57 -0.01	44.57 3.30 -3.37	45.94 3.36 -3.91	45.96 3.25 -6.17	46.24 3.31 -6.95	47.05 3.49 -5.58	47.99 3.58 -5.03	48.56 3.70 -5.49	54.45 4.11 -6.13	52.88 4.34 -0.81	62.36 4.79 -2.58	65.21 4.71 -5.11	48.79 3.60 -1.32	43.42 2.79 -4.45	38.51 2.73 -1.18
BROOKLYN_NAVY_YARD 23515	34.38 1.85 0.00	32.41 1.69 0.01	30.17 1.71 0.02	28.86 1.66 0.02	30.09 1.60 0.02	32.47 1.78 0.01	43.96 2.37 0.00	44.95 2.82 0.00	44.85 2.86 0.00	44.93 2.98 0.00	40.67 2.77 0.00	41.56 2.90 0.00	39.42 2.89 0.00	38.93 2.95 0.00	41.13 3.15 0.00	42.60 3.23 0.00	42.68 3.31 0.00	47.92 3.71 0.00	51.59 3.86 0.00	59.18 4.18 0.00	59.43 4.04 0.00	46.81 2.94 0.00	38.25 2.06 0.00	36.29 1.69 0.00
BROOKLYN___ARMY_DRP 323595	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
BROOME_2_LFGE 323671	40.96 0.16 -8.27	41.41 0.19 -10.50	38.05 0.17 -9.39	35.86 0.16 -8.48	34.86 0.20 -6.14	30.61 0.24 0.33	41.56 0.46 0.48	42.23 0.59 0.49	40.74 0.59 1.84	46.26 0.63 -3.68	38.22 0.57 0.25	42.04 0.58 -2.80	37.44 0.51 -0.39	37.93 0.47 -1.49	45.62 0.53 -7.11	39.32 0.43 0.48	39.51 0.39 0.26	43.95 0.44 0.70	48.03 0.53 0.22	55.45 0.71 0.26	55.89 0.72 0.22	43.27 0.57 1.17	36.34 0.40 0.24	34.44 0.28 0.43
BROOME___LFGE 323600	40.96 0.16 -8.27	41.41 0.19 -10.50	38.05 0.17 -9.39	35.86 0.16 -8.48	34.86 0.20 -6.14	30.61 0.24 0.33	41.56 0.46 0.48	42.23 0.59 0.49	40.74 0.59 1.84	46.26 0.63 -3.68	38.22 0.57 0.25	42.04 0.58 -2.80	37.44 0.51 -0.39	37.93 0.47 -1.49	45.62 0.53 -7.11	39.32 0.43 0.48	39.51 0.39 0.26	43.95 0.44 0.70	48.03 0.53 0.22	55.45 0.71 0.26	55.89 0.72 0.22	43.27 0.57 1.17	36.34 0.40 0.24	34.44 0.28 0.43
BROWNFLS_115KV_TB_3_5 80003	32.08 -0.46 0.00	30.18 -0.55 0.00	27.88 -0.60 0.00	26.56 -0.65 0.00	27.75 -0.77 0.00	29.90 -0.80 0.00	40.72 -0.87 0.00	40.99 -1.14 0.00	40.82 -1.30 -0.13	40.49 -1.59 -0.13	36.35 -1.55 0.00	36.92 -1.74 0.00	34.75 -1.79 0.00	34.14 -1.83 0.00	36.19 -1.78 0.00	37.72 -1.65 0.00	37.72 -1.65 0.00	42.44 -1.77 0.00	46.94 -1.34 -0.55	54.53 -0.94 -0.46	54.77 -1.00 -0.38	43.17 -0.70 0.00	35.79 -0.40 0.00	34.32 -0.28 0.00
BROWNSV1_27_KV_LOAD 356125	34.65 2.11 0.00	32.73 2.00 0.00	30.45 1.97 0.00	29.09 1.88 0.00	30.37 1.85 0.00	32.75 2.06 0.00	44.33 2.74 0.00	45.29 3.16 0.00	45.22 3.23 0.00	45.31 3.36 0.00	41.05 3.15 0.00	41.91 3.25 0.00	39.75 3.22 0.00	39.25 3.27 0.00	41.47 3.49 0.00	42.95 3.58 0.00	43.03 3.66 0.00	48.28 4.07 0.00	51.97 4.25 0.00	59.68 4.68 0.00	59.93 4.54 0.00	47.16 3.29 0.00	38.50 2.32 0.00	36.71 2.11 0.00
BURROWS___LYONSDAL 23803	32.92 0.39 0.00	30.94 0.22 0.00	28.62 0.14 0.00	27.21 0.00 0.00	28.46 -0.06 0.00	30.61 -0.09 0.00	41.51 -0.08 0.00	41.96 -0.17 0.00	41.86 -0.25 -0.12	41.66 -0.42 -0.13	37.45 -0.45 0.00	38.20 -0.46 0.00	35.95 -0.58 0.00	35.37 -0.61 0.00	37.52 -0.46 0.00	39.06 -0.31 0.00	39.14 -0.24 0.00	44.12 -0.09 0.00	48.78 0.52 -0.53	56.54 1.10 -0.44	56.75 1.00 -0.37	44.75 0.88 0.00	36.94 0.76 0.00	35.25 0.66 0.00
CAITHNESS_CC_1 323624	35.37 2.83 -0.01	33.38 2.64 -0.01	30.99 2.51 0.00	29.70 2.48 -0.01	31.03 2.51 -0.01	33.47 2.76 -0.01	45.01 3.41 -0.01	45.89 3.75 -0.01	45.53 3.53 -0.01	45.44 3.48 -0.01	44.46 3.18 -3.37	45.86 3.28 -3.91	45.92 3.22 -6.17	46.20 3.27 -6.95	46.98 3.42 -5.58	47.91 3.50 -5.03	48.48 3.62 -5.49	54.37 4.02 -6.14	52.75 4.20 -0.82	62.28 4.67 -2.60	65.13 4.59 -5.15	48.70 3.51 -1.32	43.45 2.82 -4.44	38.37 2.60 -1.18
CALPINE BETH_PAGE_GT4 24209	35.05 2.50 -0.01	33.17 2.43 -0.01	30.79 2.31 0.00	29.48 2.26 -0.01	30.78 2.25 -0.01	33.19 2.49 -0.01	44.84 3.24 -0.01	45.72 3.58 -0.01	45.57 3.57 -0.01	45.57 3.61 -0.01	45.37 3.37 -4.09	46.89 3.48 -4.75	47.38 3.36 -7.48	47.83 3.42 -8.43	48.32 3.57 -6.78	49.14 3.66 -6.11	49.74 3.70 -6.66	54.43 4.11 -6.11	52.08 4.34 -0.01	59.85 4.84 -0.01	62.54 4.71 -2.45	48.97 3.51 -1.59	44.26 2.68 -5.39	38.59 2.56 -1.43
CALPINE_BETH_PAGE_GT_4 323586	35.05 2.51 -0.01	33.17 2.43 -0.01	30.79 2.31 0.00	29.48 2.26 -0.01	30.78 2.25 -0.01	33.19 2.49 -0.01	44.85 3.25 -0.01	45.76 3.62 -0.01	45.57 3.57 -0.01	45.57 3.61 -0.01	45.33 3.34 -4.09	46.85 3.44 -4.75	47.42 3.40 -7.48	47.83 3.42 -8.43	48.32 3.57 -6.78	49.14 3.66 -6.11	49.74 3.70 -6.66	54.43 4.11 -6.11	52.08 4.34 -0.01	59.85 4.84 -0.01	62.60 4.76 -2.45	49.01 3.55 -1.59	44.37 2.79 -5.39	38.49 2.46 -1.43
CALPINE_BP_GT1 23823	35.05 2.51 -0.01	33.17 2.43 -0.01	30.79 2.31 0.00	29.48 2.26 -0.01	30.78 2.25 -0.01	33.19 2.49 -0.01	44.85 3.25 -0.01	45.76 3.62 -0.01	45.57 3.57 -0.01	45.57 3.61 -0.01	45.33 3.34 -4.09	46.85 3.44 -4.75	47.42 3.40 -7.48	47.83 3.42 -8.43	48.32 3.57 -6.78	49.14 3.66 -6.11	49.74 3.70 -6.66	54.43 4.11 -6.11	52.08 4.34 -0.01	59.85 4.84 -0.01	62.60 4.76 -2.45	49.01 3.55 -1.59	44.37 2.79 -5.39	38.49 2.46 -1.43
CALSPAN___DRP 24200	20.50 -3.32 8.72	16.59 -3.07 11.07	15.76 -2.82 9.90	15.67 -2.61 8.94	16.70 -2.68 9.14	17.72 -2.98 10.00	23.87 -4.08 13.65	24.32 -3.88 13.93	21.70 -3.78 16.51	23.06 -3.57 15.32	23.25 -3.37 11.28	21.70 -3.56 13.40	20.65 -3.47 12.42	21.16 -3.45 11.36	19.34 -3.53 15.11	19.93 -4.06 15.38	22.41 -4.09 12.87	24.68 -4.47 15.06	28.34 -4.77 14.61	40.72 -5.34 8.95	40.86 -5.26 9.26	34.00 -3.82 6.05	31.72 -3.22 1.25	29.15 -3.22 2.23

CALVERTON___SOLAR 323806	35.57 3.03 -0.01	33.56 2.83 -0.01	31.13 2.65 0.00	29.86 2.64 -0.01	31.20 2.68 -0.01	33.65 2.95 -0.01	45.30 3.70 -0.01	46.14 4.00 -0.01	45.69 3.70 -0.01	45.57 3.61 -0.01	44.57 3.30 -3.37	45.98 3.40 -3.91	46.03 3.32 -6.17	46.31 3.38 -6.95	47.09 3.53 -5.58	48.02 3.62 -5.03	48.64 3.78 -5.49	54.54 4.20 -6.13	52.98 4.44 -0.81	62.46 4.89 -2.57	65.37 4.88 -5.10	48.92 3.73 -1.32	43.60 2.97 -4.45	38.51 2.73 -1.18
CANDIGU_WT_PWR 323617	16.69 -2.11 13.73	11.26 -2.03 17.44	10.92 -1.96 15.60	11.26 -1.88 14.08	5.07 -1.94 21.51	-10.00 -1.93 38.76	-14.00 -2.58 53.01	-14.43 -2.44 54.11	-10.00 -2.69 49.30	-10.00 -2.64 49.31	-10.00 -2.46 45.44	-13.70 -2.67 49.70	-18.09 -2.56 52.07	-11.13 -2.55 44.56	-10.00 -2.77 45.20	-18.04 -3.03 54.38	-13.99 -3.03 50.33	-15.78 -3.23 56.76	-10.00 -3.10 54.62	35.56 -3.08 16.36	32.97 -2.99 19.43	27.73 -2.10 14.03	31.38 -1.92 2.89	27.48 -1.94 5.18
CARR STREET_E_SYR 24060	32.17 -0.36 0.00	30.42 -0.31 0.00	28.17 -0.31 0.00	26.94 -0.27 0.00	28.26 -0.26 0.00	30.45 -0.25 0.00	41.30 -0.29 0.00	41.84 -0.29 0.00	41.95 -0.25 -0.21	42.00 -0.17 -0.22	37.75 -0.15 0.00	38.47 -0.19 0.00	36.35 -0.18 0.00	35.73 -0.25 0.00	37.71 -0.26 0.00	39.05 -0.32 0.00	38.98 -0.39 0.00	43.77 -0.44 0.00	48.20 -0.43 -0.90	55.93 -0.38 -1.31	56.32 -0.39 -1.32	43.57 -0.30 0.00	35.93 -0.25 0.00	34.36 -0.24 0.00
CARTHAGE___PAPER 23857	32.50 -0.03 0.00	30.55 -0.18 0.00	28.22 -0.26 0.00	26.86 -0.35 0.00	28.06 -0.46 0.00	30.21 -0.49 0.00	41.09 -0.50 0.00	41.50 -0.63 0.00	41.34 -0.88 -0.23	41.02 -1.17 -0.24	36.69 -1.21 0.00	37.42 -1.24 0.00	35.19 -1.35 0.00	34.54 -1.44 0.00	36.68 -1.29 0.00	38.23 -1.14 0.00	38.35 -1.02 0.00	43.32 -0.88 0.00	48.48 -0.24 -0.99	56.66 0.44 -1.22	56.91 0.33 -1.18	44.22 0.35 0.00	36.51 0.32 0.00	34.87 0.28 0.00
CASSADAGA_WT_PWR 323784	19.61 -3.51 9.41	15.31 -3.47 11.95	14.57 -3.22 10.69	14.49 -3.08 9.65	15.79 -3.28 9.44	17.80 -3.53 9.37	24.03 -4.70 12.86	24.50 -4.51 13.13	21.33 -4.37 16.30	22.85 -4.07 15.03	23.87 -3.49 10.55	22.16 -3.67 12.83	21.46 -3.54 11.54	21.64 -3.60 10.74	19.13 -3.76 15.08	20.83 -4.25 14.29	23.14 -4.29 11.94	25.36 -4.60 14.24	29.45 -4.53 13.74	41.64 -4.56 8.80	41.75 -4.43 9.20	34.79 -3.07 6.01	32.27 -2.68 1.24	29.64 -2.73 2.22
CE_DUNWOOD___DRP 24194	34.29 1.76 0.00	32.42 1.69 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.11 1.60 0.00	32.48 1.78 0.00	43.92 2.33 0.00	44.78 2.65 0.00	44.76 2.77 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.48 2.82 0.00	39.31 2.78 0.00	38.82 2.84 0.00	40.98 3.00 0.00	42.44 3.07 0.00	42.48 3.11 0.00	47.66 3.45 0.00	51.30 3.58 0.00	59.02 4.02 0.00	59.27 3.88 0.00	46.63 2.76 0.00	38.14 1.95 0.00	36.40 1.80 0.00
CE_MILLWOOD___DRP 24193	34.26 1.72 0.00	32.39 1.66 0.00	30.10 1.62 0.00	28.79 1.58 0.00	30.05 1.54 0.00	32.42 1.72 0.00	43.88 2.29 0.00	44.74 2.61 0.00	44.68 2.69 0.00	44.72 2.77 0.00	40.52 2.62 0.00	41.41 2.74 0.00	39.24 2.70 0.00	38.75 2.77 0.00	40.90 2.92 0.00	42.36 2.99 0.00	42.40 3.03 0.00	47.57 3.36 0.00	51.21 3.48 0.00	58.91 3.91 0.00	59.16 3.77 0.00	46.59 2.72 0.00	38.10 1.92 0.00	36.36 1.76 0.00
CE_NYC2_DRP 24202	34.48 1.95 0.00	32.63 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.82 0.00	32.66 1.96 0.00	44.00 2.41 0.00	44.99 2.86 0.00	44.93 2.94 0.00	45.06 3.10 0.00	40.82 2.92 0.00	41.68 3.02 0.00	39.53 3.00 0.00	39.04 3.06 0.00	41.20 3.23 0.00	42.72 3.35 0.00	42.80 3.43 0.00	47.97 3.76 0.00	51.64 3.91 0.00	59.18 4.18 0.00	59.32 3.93 0.00	46.81 2.94 0.00	38.28 2.10 0.00	36.60 2.01 0.00
CE_NYC_DRP 24195	34.45 1.92 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.60 1.90 0.00	44.13 2.54 0.00	45.08 2.95 0.00	45.01 3.02 0.00	45.10 3.15 0.00	40.86 2.96 0.00	41.72 3.05 0.00	39.57 3.03 0.00	39.07 3.09 0.00	41.28 3.30 0.00	42.76 3.39 0.00	42.84 3.46 0.00	48.05 3.85 0.00	51.69 3.96 0.00	59.35 4.35 0.00	59.54 4.15 0.00	46.90 3.03 0.00	38.28 2.10 0.00	36.53 1.94 0.00
CHAFFEE___LFGE 323603	20.19 -3.19 9.16	16.15 -2.95 11.63	15.37 -2.71 10.40	15.30 -2.53 9.39	16.67 -2.57 9.28	18.47 -2.82 9.40	24.74 -3.95 12.90	25.21 -3.75 13.17	22.25 -3.53 16.21	23.69 -3.31 14.95	24.24 -3.07 10.60	22.53 -3.33 12.81	21.62 -3.32 11.60	21.92 -3.31 10.75	19.68 -3.38 14.92	21.04 -3.90 14.43	23.45 -3.90 12.03	25.66 -4.29 14.26	29.36 -4.58 13.78	41.23 -5.00 8.77	41.30 -4.99 9.10	34.37 -3.55 5.94	31.96 -3.00 1.22	29.36 -3.04 2.19
CHATEAUG_35_KV_LOAD 355732	32.43 -0.10 0.00	30.58 -0.15 0.00	28.28 -0.20 0.00	27.00 -0.22 0.00	28.23 -0.29 0.00	30.45 -0.25 0.00	41.46 -0.12 0.00	41.96 -0.17 0.00	41.78 -0.21 0.00	41.53 -0.42 0.00	37.45 -0.45 0.00	38.20 -0.46 0.00	35.99 -0.55 0.00	35.40 -0.58 0.00	37.37 -0.61 0.00	38.86 -0.51 0.00	38.94 -0.43 0.00	43.85 -0.35 0.00	47.44 -0.29 0.00	54.62 -0.39 0.00	55.06 -0.33 0.00	43.61 -0.26 0.00	35.90 -0.29 0.00	34.42 -0.17 0.00
CHATEAUG_WT_PWR 323614	32.40 -0.13 0.00	30.58 -0.15 0.00	28.28 -0.20 0.00	27.00 -0.22 0.00	28.23 -0.29 0.00	30.42 -0.28 0.00	41.42 -0.17 0.00	41.92 -0.21 0.00	41.78 -0.21 0.00	41.57 -0.38 0.00	37.48 -0.42 0.00	38.24 -0.42 0.00	36.02 -0.51 0.00	35.44 -0.54 0.00	37.41 -0.57 0.00	38.90 -0.47 0.00	38.94 -0.43 0.00	43.85 -0.36 0.00	47.39 -0.33 0.00	54.51 -0.50 0.00	54.94 -0.45 0.00	43.57 -0.30 0.00	35.89 -0.29 0.00	34.39 -0.21 0.00
CHAT_HIGH_FALL_HYD 323578	32.43 -0.10 0.00	30.58 -0.15 0.00	28.28 -0.20 0.00	27.00 -0.22 0.00	28.23 -0.29 0.00	30.45 -0.25 0.00	41.46 -0.12 0.00	41.96 -0.17 0.00	41.78 -0.21 0.00	41.53 -0.42 0.00	37.45 -0.45 0.00	38.20 -0.46 0.00	35.99 -0.55 0.00	35.40 -0.58 0.00	37.37 -0.61 0.00	38.86 -0.51 0.00	38.94 -0.43 0.00	43.85 -0.35 0.00	47.44 -0.29 0.00	54.62 -0.39 0.00	55.06 -0.33 0.00	43.61 -0.26 0.00	35.90 -0.29 0.00	34.42 -0.17 0.00
CHAUTAUQUA___LFGE 323629	20.16 -3.22 9.15	16.04 -3.07 11.62	15.27 -2.82 10.39	15.17 -2.67 9.38	16.36 -2.77 9.39	17.88 -3.01 9.81	23.96 -4.16 13.47	24.42 -3.96 13.75	21.35 -3.86 16.77	22.90 -3.65 15.40	23.60 -3.22 11.08	21.93 -3.44 13.29	21.03 -3.36 12.14	21.40 -3.38 11.20	19.24 -3.46 15.28	20.38 -4.02 14.97	22.77 -4.05 12.55	24.94 -4.42 14.84	28.92 -4.44 14.37	41.38 -4.68 8.95	41.43 -4.60 9.36	34.47 -3.29 6.11	32.10 -2.82 1.26	29.47 -2.87 2.26
CHERRYST_13_KV_LD 356241	34.52 1.98 0.00	32.63 1.91 0.00	30.39 1.91 0.00	29.04 1.82 0.00	30.31 1.80 0.00	32.69 2.00 0.00	44.25 2.66 0.00	45.21 3.08 0.00	45.18 3.19 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.87 3.21 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.87 3.50 0.00	42.96 3.58 0.00	48.19 3.98 0.00	51.88 4.15 0.00	59.51 4.51 0.00	59.71 4.32 0.00	47.03 3.16 0.00	38.39 2.21 0.00	36.60 2.01 0.00

CHESTROR_138KV_BK263 355645	33.99 1.46 0.00	32.14 1.41 0.00	29.88 1.40 0.00	28.55 1.33 0.00	29.83 1.31 0.00	32.17 1.47 0.00	43.50 1.91 0.00	44.32 2.19 0.00	44.21 2.23 0.00	44.26 2.31 0.00	40.10 2.20 0.00	40.94 2.28 0.00	38.80 2.27 0.00	38.32 2.34 0.00	40.41 2.43 0.00	41.85 2.48 0.00	41.89 2.52 0.00	46.99 2.79 0.00	50.59 2.86 0.00	58.30 3.30 0.00	58.60 3.21 0.00	46.20 2.33 0.00	37.81 1.63 0.00	36.12 1.52 0.00
CH_MIDHUDSON___DRP 24192	34.19 1.66 0.00	32.33 1.60 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.00 1.48 0.00	32.32 1.63 0.00	43.75 2.16 0.00	44.62 2.49 0.00	44.51 2.52 0.00	44.55 2.60 0.00	40.33 2.43 0.00	41.21 2.55 0.00	39.02 2.48 0.00	38.53 2.55 0.00	40.63 2.66 0.00	42.09 2.72 0.00	42.13 2.76 0.00	47.26 3.05 0.00	50.87 3.15 0.00	58.58 3.58 0.00	58.88 3.49 0.00	46.46 2.59 0.00	37.99 1.81 0.00	36.33 1.73 0.00
CH_MISC_IPPS 23765	34.32 1.79 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.08 1.57 0.00	32.45 1.75 0.00	43.96 2.37 0.00	44.83 2.70 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.48 2.58 0.00	41.37 2.71 0.00	39.24 2.70 0.00	38.71 2.73 0.00	40.79 2.81 0.00	42.24 2.87 0.00	42.29 2.91 0.00	47.48 3.27 0.00	51.11 3.39 0.00	58.91 3.91 0.00	59.21 3.82 0.00	46.68 2.81 0.00	38.25 2.06 0.00	36.36 1.76 0.00
CH_RES_BVR_FALLS 23983	32.40 -0.13 0.00	30.58 -0.15 0.00	28.34 -0.14 0.00	27.05 -0.16 0.00	28.35 -0.17 0.00	30.48 -0.21 0.00	41.34 -0.25 0.00	41.88 -0.25 0.00	41.74 -0.25 0.00	41.66 -0.29 0.00	37.64 -0.26 0.00	38.39 -0.27 0.00	36.28 -0.25 0.00	35.69 -0.29 0.00	37.71 -0.26 0.00	39.10 -0.27 0.00	39.14 -0.23 0.00	43.94 -0.26 0.00	47.49 -0.24 0.00	54.73 -0.27 0.00	55.11 -0.28 0.00	43.65 -0.22 0.00	36.00 -0.18 0.00	34.46 -0.14 0.00
CH_RES_NIAGARA 23895	20.87 -4.00 7.66	17.31 -3.69 9.73	16.39 -3.39 8.71	16.23 -3.13 7.86	17.63 -3.17 7.72	19.25 -3.50 7.95	25.87 -4.87 10.85	26.33 -4.72 11.08	23.15 -4.66 14.18	24.98 -4.40 12.57	24.85 -4.17 8.88	23.69 -4.29 10.68	22.68 -4.20 9.66	22.88 -4.14 8.96	21.31 -4.22 12.45	21.84 -4.80 12.72	24.24 -4.80 10.33	26.76 -5.44 12.01	30.06 -5.92 11.75	39.37 -7.10 8.54	39.54 -7.03 8.82	33.22 -5.18 5.48	30.77 -4.27 1.14	28.34 -4.22 2.04
CH_RES_SYRACUSE 23985	31.09 -0.16 1.28	28.95 -0.15 1.63	26.88 -0.14 1.46	25.76 -0.14 1.31	27.45 -0.11 0.95	30.61 -0.09 0.00	41.55 -0.04 0.00	42.09 -0.04 0.00	42.27 -0.04 -0.32	41.75 0.04 0.25	37.90 0.00 0.00	38.22 -0.04 0.40	36.44 -0.04 0.06	35.66 -0.11 0.21	36.84 -0.11 1.03	39.21 -0.16 0.00	39.14 -0.23 0.00	43.99 -0.22 0.00	48.92 -0.19 -1.38	57.40 -0.11 -2.51	57.99 -0.06 -2.66	43.83 -0.04 0.00	36.15 -0.04 0.00	34.53 -0.07 0.00
CLINTON_WT_PWR 323605	32.40 -0.13 0.00	30.58 -0.15 0.00	28.28 -0.20 0.00	27.00 -0.22 0.00	28.23 -0.29 0.00	30.42 -0.28 0.00	41.42 -0.17 0.00	41.92 -0.21 0.00	41.78 -0.21 0.00	41.57 -0.38 0.00	37.48 -0.42 0.00	38.24 -0.42 0.00	36.02 -0.51 0.00	35.44 -0.54 0.00	37.41 -0.57 0.00	38.90 -0.47 0.00	38.94 -0.43 0.00	43.85 -0.36 0.00	47.39 -0.33 0.00	54.51 -0.50 0.00	54.94 -0.45 0.00	43.57 -0.30 0.00	35.89 -0.29 0.00	34.39 -0.21 0.00
CLINTON___LFGE 323618	32.76 0.23 0.00	30.88 0.15 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.52 0.00 0.00	30.76 0.06 0.00	42.05 0.46 0.00	42.47 0.34 0.00	42.32 0.33 0.00	42.08 0.13 0.00	37.90 0.00 0.00	38.70 0.04 0.00	36.46 -0.07 0.00	35.83 -0.14 0.00	37.86 -0.11 0.00	39.41 0.04 0.00	39.45 0.08 0.00	44.48 0.27 0.00	48.11 0.38 0.00	55.39 0.39 0.00	55.83 0.44 0.00	44.22 0.35 0.00	36.37 0.18 0.00	34.87 0.28 0.00
COBBLENY_34_KV_TB1 80064	20.15 -3.22 9.16	16.15 -2.95 11.63	15.37 -2.71 10.40	15.30 -2.53 9.39	16.64 -2.59 9.28	18.44 -2.85 9.40	24.89 -3.87 12.83	25.32 -3.71 13.10	22.45 -3.61 15.93	23.68 -3.40 14.88	24.12 -3.22 10.56	22.45 -3.40 12.81	21.62 -3.32 11.60	21.92 -3.31 10.75	19.68 -3.38 14.92	21.04 -3.90 14.43	23.45 -3.90 12.03	25.66 -4.29 14.26	29.36 -4.58 13.78	41.23 -5.01 8.77	41.36 -4.93 9.10	34.37 -3.55 5.94	31.96 -3.00 1.22	29.36 -3.04 2.19
COFFEEN___115KV_TB3 355620	32.69 0.16 0.00	30.76 0.03 0.00	28.42 -0.06 0.00	27.11 -0.11 0.00	28.32 -0.20 0.00	30.51 -0.18 0.00	41.55 -0.04 0.00	42.00 -0.13 0.00	41.88 -0.38 -0.27	41.60 -0.63 -0.28	37.18 -0.72 0.00	37.96 -0.70 0.00	35.66 -0.88 0.00	34.97 -1.01 0.00	37.18 -0.80 0.00	38.70 -0.67 0.00	38.78 -0.59 0.00	43.81 -0.40 0.00	49.03 0.14 -1.16	57.46 1.05 -1.42	57.64 0.89 -1.36	44.70 0.83 0.00	36.87 0.69 0.00	35.15 0.55 0.00
COLDSPRG_115KV_BK1 355956	20.21 -2.50 9.82	15.87 -2.40 12.46	15.11 -2.22 11.15	15.05 -2.10 10.06	16.76 -2.22 9.53	19.64 -2.39 8.67	26.64 -3.12 11.83	27.15 -2.91 12.07	23.91 -2.81 15.26	24.92 -2.64 14.39	25.88 -2.35 9.67	24.05 -2.51 12.10	23.51 -2.45 10.58	23.49 -2.48 10.00	20.65 -2.54 14.78	23.12 -3.03 13.21	25.29 -3.11 10.97	27.68 -3.23 13.30	31.82 -3.15 12.76	43.41 -3.03 8.57	43.50 -2.94 8.96	36.00 -2.02 5.85	33.17 -1.81 1.20	30.50 -1.94 2.16
COLONIE_LFGE___ 323577	33.83 1.30 0.00	31.99 1.26 0.00	29.68 1.20 0.00	28.36 1.14 0.00	29.71 1.20 0.00	31.99 1.29 0.00	43.25 1.67 0.00	43.82 1.69 0.00	43.63 1.64 0.00	43.67 1.72 0.00	39.45 1.55 0.00	40.21 1.55 0.00	38.00 1.46 0.00	37.49 1.51 0.00	39.50 1.52 0.00	41.02 1.65 0.00	41.03 1.65 0.00	45.98 1.77 0.00	49.49 1.77 0.00	57.09 2.09 0.00	57.44 2.05 0.00	45.40 1.53 0.00	37.49 1.30 0.00	35.84 1.24 0.00
COOPERNY_115KV_TB1 80082	34.89 1.20 -1.16	33.37 1.17 -1.47	30.94 1.14 -1.32	29.52 1.12 -1.19	30.49 1.11 -0.86	31.93 1.23 0.00	43.17 1.58 0.00	43.94 1.81 0.00	43.84 1.85 0.00	44.40 1.93 -0.51	39.76 1.86 0.00	40.95 1.93 -0.36	38.49 1.90 -0.05	38.11 1.94 -0.19	40.97 2.09 -0.91	41.46 2.09 0.00	41.50 2.13 0.00	46.51 2.30 0.00	50.11 2.39 0.00	57.75 2.75 0.00	58.05 2.66 0.00	45.80 1.93 0.00	37.56 1.38 0.00	35.84 1.25 0.00
COPENHAGEN_WT_PWR 323753	32.53 0.00 0.00	30.61 -0.12 0.00	28.31 -0.17 0.00	27.00 -0.22 0.00	28.23 -0.29 0.00	30.39 -0.31 0.00	41.34 -0.25 0.00	41.79 -0.34 0.00	41.73 -0.55 -0.28	41.49 -0.75 -0.29	37.07 -0.83 0.00	37.89 -0.77 0.00	35.62 -0.91 0.00	34.93 -1.04 0.00	37.10 -0.87 0.00	38.58 -0.79 0.00	38.62 -0.75 0.00	43.59 -0.62 0.00	48.85 -0.10 -1.22	57.08 0.61 -1.48	57.31 0.50 -1.42	44.40 0.53 0.00	36.58 0.40 0.00	34.94 0.35 0.00
CORNELL_____ 23752	29.00 0.46 3.99	26.09 0.43 5.07	24.32 0.37 4.53	23.48 0.35 4.09	26.80 0.43 2.15	33.95 0.52 -2.73	46.21 0.87 -3.75	46.97 1.01 -3.83	46.17 0.92 -3.26	44.22 0.88 -1.39	41.80 0.64 -3.26	41.30 0.58 -2.06	40.56 0.44 -3.59	38.76 0.36 -2.42	37.77 0.49 0.70	43.27 0.47 -3.42	43.17 0.43 -3.36	55.23 0.71 -10.31	53.21 0.95 -4.53	59.52 1.38 -3.14	60.76 1.44 -3.93	45.76 1.14 -0.74	37.17 0.83 -0.15	35.56 0.69 -0.27

CORONA__69_KV_TB1 355595	34.83 2.28 -0.02	33.05 2.30 -0.02	30.70 2.22 0.00	29.38 2.15 -0.02	30.67 2.14 -0.02	33.05 2.33 -0.02	44.68 3.08 -0.02	45.56 3.41 -0.02	45.37 3.36 -0.02	45.41 3.44 -0.02	48.02 3.18 -6.93	49.99 3.29 -8.04	52.43 3.22 -12.68	53.54 3.27 -14.29	52.87 3.42 -11.48	53.18 3.46 -10.35	54.20 3.54 -11.29	58.44 3.89 -10.34	51.94 4.20 -0.02	59.64 4.62 -0.02	63.97 4.43 -4.14	49.86 3.29 -2.70	47.82 2.50 -9.14	39.38 2.35 -2.43
CORTLAND__115KV_TB3 80093	32.86 0.33 0.00	31.04 0.31 0.00	28.77 0.28 0.00	27.49 0.27 0.00	29.10 0.31 -0.27	31.90 0.37 -0.83	43.36 0.62 -1.15	44.02 0.72 -1.17	43.44 0.67 -0.77	43.72 0.67 -1.10	39.47 0.53 -1.04	40.28 0.50 -1.11	38.24 0.44 -1.27	37.41 0.40 -1.04	39.26 0.46 -0.83	41.10 0.43 -1.29	40.86 0.39 -1.10	47.71 0.53 -2.98	50.36 0.72 -1.92	57.68 0.99 -1.68	58.21 1.00 -1.83	44.66 0.79 0.00	36.80 0.62 0.00	35.08 0.48 0.00
COXSACKIE__GT 23611	34.48 1.95 0.00	32.57 1.84 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.17 1.65 0.00	32.48 1.78 0.00	43.87 2.29 0.00	44.49 2.36 0.00	44.09 2.10 0.00	43.88 1.93 0.00	39.42 1.52 0.00	40.13 1.47 0.00	37.89 1.35 0.00	37.31 1.33 0.00	39.23 1.25 0.00	40.83 1.46 0.00	40.99 1.61 0.00	46.15 1.94 0.00	49.82 2.10 0.00	57.64 2.64 0.00	58.27 2.88 0.00	46.19 2.32 0.00	38.07 1.88 0.00	36.46 1.87 0.00
CPV_VALLEY__CC1 323721	34.83 1.27 -1.03	33.27 1.23 -1.31	30.85 1.20 -1.17	29.44 1.17 -1.06	30.42 1.14 -0.77	31.96 1.26 0.00	43.21 1.62 0.00	44.03 1.90 0.00	43.92 1.93 0.00	44.38 1.97 -0.46	39.83 1.93 0.00	40.99 2.01 -0.32	38.63 2.04 -0.04	38.23 2.09 -0.17	40.99 2.20 -0.81	41.57 2.20 0.00	41.62 2.24 0.00	46.68 2.47 0.00	50.25 2.53 0.00	57.92 2.91 0.00	58.16 2.77 0.00	45.89 2.02 0.00	37.67 1.48 0.00	35.84 1.24 0.00
CPV_VALLEY__CC2 323722	34.83 1.27 -1.03	33.27 1.23 -1.31	30.85 1.20 -1.17	29.44 1.17 -1.06	30.42 1.14 -0.77	31.96 1.26 0.00	43.21 1.62 0.00	44.03 1.90 0.00	43.92 1.93 0.00	44.38 1.97 -0.46	39.83 1.93 0.00	40.99 2.01 -0.32	38.63 2.04 -0.04	38.23 2.09 -0.17	40.99 2.20 -0.81	41.57 2.20 0.00	41.62 2.24 0.00	46.68 2.47 0.00	50.25 2.53 0.00	57.92 2.91 0.00	58.16 2.77 0.00	45.89 2.02 0.00	37.67 1.48 0.00	35.84 1.24 0.00
CRESCENT__HYD 24018	33.83 1.30 0.00	31.99 1.26 0.00	29.68 1.20 0.00	28.36 1.14 0.00	29.71 1.20 0.00	31.99 1.29 0.00	43.25 1.67 0.00	43.82 1.69 0.00	43.63 1.64 0.00	43.67 1.72 0.00	39.45 1.55 0.00	40.21 1.55 0.00	38.00 1.46 0.00	37.49 1.51 0.00	39.50 1.52 0.00	41.02 1.65 0.00	41.03 1.65 0.00	45.98 1.77 0.00	49.49 1.77 0.00	57.09 2.09 0.00	57.44 2.05 0.00	45.40 1.53 0.00	37.49 1.30 0.00	35.84 1.24 0.00
CRICKET__VALLEY_CC1 323756	33.90 1.37 0.00	32.08 1.35 0.00	29.82 1.34 0.00	28.49 1.28 0.00	29.80 1.28 0.00	32.08 1.38 0.00	43.38 1.79 0.00	44.19 2.06 0.00	44.09 2.10 0.00	44.13 2.18 0.00	39.98 2.08 0.00	40.82 2.16 0.00	38.73 2.19 0.00	38.21 2.23 0.00	40.33 2.36 0.00	41.77 2.40 0.00	41.81 2.44 0.00	46.91 2.70 0.00	50.44 2.72 0.00	58.08 3.08 0.00	58.38 2.99 0.00	46.02 2.15 0.00	37.74 1.55 0.00	35.91 1.31 0.00
CRICKET__VALLEY_CC2 323757	33.90 1.37 0.00	32.08 1.35 0.00	29.82 1.34 0.00	28.49 1.28 0.00	29.80 1.28 0.00	32.08 1.38 0.00	43.38 1.79 0.00	44.19 2.06 0.00	44.09 2.10 0.00	44.13 2.18 0.00	39.98 2.08 0.00	40.82 2.16 0.00	38.73 2.19 0.00	38.21 2.23 0.00	40.33 2.36 0.00	41.77 2.40 0.00	41.81 2.44 0.00	46.91 2.70 0.00	50.44 2.72 0.00	58.08 3.08 0.00	58.38 2.99 0.00	46.02 2.15 0.00	37.74 1.55 0.00	35.91 1.31 0.00
CRICKET__VALLEY_CC3 323758	33.90 1.37 0.00	32.08 1.35 0.00	29.82 1.34 0.00	28.49 1.28 0.00	29.80 1.28 0.00	32.08 1.38 0.00	43.38 1.79 0.00	44.19 2.06 0.00	44.09 2.10 0.00	44.13 2.18 0.00	39.98 2.08 0.00	40.82 2.16 0.00	38.73 2.19 0.00	38.21 2.23 0.00	40.33 2.36 0.00	41.77 2.40 0.00	41.81 2.44 0.00	46.91 2.70 0.00	50.44 2.72 0.00	58.08 3.08 0.00	58.38 2.99 0.00	46.02 2.15 0.00	37.74 1.55 0.00	35.91 1.31 0.00
CRUCIBLE__METL_DRP 24180	31.09 -0.16 1.28	28.95 -0.15 1.63	26.85 -0.17 1.46	25.76 -0.14 1.31	27.45 -0.11 0.95	30.61 -0.09 0.00	41.55 -0.04 0.00	42.09 -0.04 0.00	42.27 -0.04 -0.32	41.70 0.00 0.25	37.90 0.00 0.40	38.22 -0.04 0.40	36.44 -0.04 0.06	35.65 -0.11 0.21	36.84 -0.11 1.03	39.21 -0.16 0.00	39.14 -0.24 0.00	43.99 -0.22 0.00	48.92 -0.19 -1.38	57.40 -0.11 -2.51	57.99 -0.06 -2.66	43.83 -0.04 0.00	36.19 0.00 0.00	34.53 -0.07 0.00
DAHOWA__HYDRO 323763	34.38 1.85 0.00	32.51 1.78 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.20 1.68 0.00	32.60 1.90 0.00	44.17 2.58 0.00	44.70 2.57 0.00	44.51 2.52 0.00	44.51 2.56 0.00	40.14 2.24 0.00	40.79 2.12 0.00	38.51 1.97 0.00	37.92 1.94 0.00	39.95 1.97 0.00	41.57 2.20 0.00	41.58 2.20 0.00	46.59 2.39 0.00	49.97 2.24 0.00	57.86 2.86 0.00	58.32 2.93 0.00	46.02 2.15 0.00	37.96 1.77 0.00	36.33 1.73 0.00
DANC__LFGE 323619	32.30 -0.23 0.00	30.45 -0.28 0.00	28.17 -0.31 0.00	26.89 -0.33 0.00	28.12 -0.40 0.00	30.27 -0.43 0.00	41.09 -0.50 0.00	41.58 -0.55 0.00	41.66 -0.67 -0.35	41.51 -0.80 -0.36	37.10 -0.80 0.00	37.89 -0.77 0.00	35.70 -0.84 0.00	35.04 -0.94 0.00	37.14 -0.84 0.00	38.54 -0.83 0.00	38.54 -0.83 0.00	43.41 -0.79 0.00	48.72 -0.48 -1.48	56.72 -0.05 -1.77	56.98 -0.11 -1.70	43.83 -0.04 0.00	36.15 -0.04 0.00	34.60 0.00 0.00
DANSKAMMER__1 23586	34.32 1.79 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.08 1.57 0.00	32.45 1.75 0.00	43.96 2.37 0.00	44.83 2.70 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.48 2.58 0.00	41.37 2.71 0.00	39.24 2.70 0.00	38.71 2.73 0.00	40.79 2.81 0.00	42.24 2.87 0.00	42.29 2.91 0.00	47.48 3.27 0.00	51.11 3.39 0.00	58.91 3.91 0.00	59.21 3.82 0.00	46.68 2.81 0.00	38.25 2.06 0.00	36.36 1.76 0.00
DANSKAMMER__2 23589	34.32 1.79 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.08 1.57 0.00	32.45 1.75 0.00	43.96 2.37 0.00	44.83 2.70 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.48 2.58 0.00	41.37 2.71 0.00	39.24 2.70 0.00	38.71 2.73 0.00	40.79 2.81 0.00	42.24 2.87 0.00	42.29 2.91 0.00	47.48 3.27 0.00	51.11 3.39 0.00	58.91 3.91 0.00	59.21 3.82 0.00	46.68 2.81 0.00	38.25 2.06 0.00	36.36 1.76 0.00
DANSKAMMER__3 23590	34.32 1.79 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.08 1.57 0.00	32.45 1.75 0.00	43.96 2.37 0.00	44.83 2.70 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.48 2.58 0.00	41.37 2.71 0.00	39.24 2.70 0.00	38.71 2.73 0.00	40.79 2.81 0.00	42.24 2.87 0.00	42.29 2.91 0.00	47.48 3.27 0.00	51.11 3.39 0.00	58.91 3.91 0.00	59.21 3.82 0.00	46.68 2.81 0.00	38.25 2.06 0.00	36.36 1.76 0.00

DANSKAMMER___4 23591	34.32 1.79 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.08 1.57 0.00	32.45 1.75 0.00	43.96 2.37 0.00	44.83 2.70 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.48 2.58 0.00	41.37 2.71 0.00	39.24 2.70 0.00	38.71 2.73 0.00	40.79 2.81 0.00	42.24 2.87 0.00	42.29 2.91 0.00	47.48 3.27 0.00	51.11 3.39 0.00	58.91 3.91 0.00	59.21 3.82 0.00	46.68 2.81 0.00	38.25 2.06 0.00	36.36 1.76 0.00
DANSKAMMER___DIESEL 23592	34.32 1.79 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.08 1.57 0.00	32.45 1.75 0.00	43.96 2.37 0.00	44.78 2.65 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.52 2.62 0.00	41.37 2.71 0.00	39.20 2.67 0.00	38.71 2.73 0.00	40.79 2.81 0.00	42.24 2.87 0.00	42.29 2.91 0.00	47.48 3.27 0.00	51.11 3.39 0.00	58.85 3.85 0.00	59.16 3.77 0.00	46.68 2.81 0.00	38.18 1.99 0.00	36.46 1.87 0.00
DARBY___SOLAR 323810	34.29 1.76 0.00	32.42 1.69 0.00	30.07 1.59 0.00	28.74 1.52 0.00	30.11 1.60 0.00	32.48 1.78 0.00	44.00 2.41 0.00	44.53 2.40 0.00	44.34 2.35 0.00	44.38 2.43 0.00	40.02 2.12 0.00	40.67 2.01 0.00	38.43 1.90 0.00	37.85 1.87 0.00	39.87 1.90 0.00	41.46 2.09 0.00	41.46 2.09 0.00	46.51 2.30 0.00	49.87 2.15 0.00	57.70 2.69 0.00	58.16 2.77 0.00	45.89 2.02 0.00	37.85 1.67 0.00	36.22 1.63 0.00
DASHVILLE___HYD 23610	34.09 1.56 0.00	32.20 1.48 0.00	29.93 1.45 0.00	28.60 1.39 0.00	29.91 1.40 0.00	32.20 1.50 0.00	43.59 2.00 0.00	44.36 2.23 0.00	44.21 2.23 0.00	44.17 2.22 0.00	39.98 2.08 0.00	40.83 2.17 0.00	38.66 2.12 0.00	38.17 2.19 0.00	40.22 2.24 0.00	41.69 2.32 0.00	41.73 2.36 0.00	46.91 2.70 0.00	50.49 2.77 0.00	58.19 3.19 0.00	58.49 3.10 0.00	46.24 2.37 0.00	37.85 1.66 0.00	36.22 1.63 0.00
DELAWARE___LFGE 323621	36.53 1.01 -2.99	35.48 0.95 -3.79	32.81 0.94 -3.39	31.18 0.90 -3.06	31.70 0.97 -2.22	31.71 1.01 0.00	44.07 2.79 0.31	44.93 3.12 0.32	43.87 3.07 1.19	47.35 3.15 -2.25	40.54 2.80 0.16	43.48 3.09 -1.73	39.48 2.70 -0.24	39.31 2.41 -0.92	45.18 2.81 -4.39	42.24 2.87 0.00	41.81 2.64 0.20	46.97 2.96 0.20	50.70 3.15 0.18	59.31 4.24 -0.07	59.64 4.04 -0.21	46.51 3.33 0.69	38.58 2.53 0.14	36.66 2.32 0.26
DERFIELD_115KV_TB7 355931	32.63 0.10 0.00	30.82 0.09 0.00	28.57 0.09 0.00	27.30 0.08 0.00	28.60 0.09 0.00	30.79 0.09 0.00	41.67 0.08 0.00	42.21 0.08 0.00	42.07 0.08 0.00	42.03 0.08 0.00	38.01 0.11 0.00	38.78 0.12 0.00	36.65 0.11 0.00	36.09 0.11 0.00	38.13 0.15 0.00	39.53 0.16 0.00	39.53 0.16 0.00	44.39 0.18 0.00	47.87 0.14 0.00	55.22 0.22 0.00	55.56 0.17 0.00	44.00 0.13 0.00	36.29 0.11 0.00	34.70 0.10 0.00
DOGLEVILLE___HYD 23807	33.12 0.59 0.00	31.04 0.31 0.00	28.59 0.11 0.00	27.19 -0.03 0.00	28.40 -0.11 0.00	30.48 -0.21 0.00	40.96 -0.62 0.00	41.46 -0.67 0.00	41.28 -0.71 0.00	41.24 -0.71 0.00	37.29 -0.61 0.00	38.16 -0.50 0.00	36.17 -0.37 0.00	35.80 -0.18 0.00	37.98 0.00 0.00	39.49 0.12 0.00	39.49 0.12 0.00	44.30 0.09 0.00	47.77 0.05 0.00	55.28 0.28 0.00	55.72 0.33 0.00	44.22 0.35 0.00	36.80 0.62 0.00	35.22 0.62 0.00
DUNKIRK___115KV_TB_200 55889	20.22 -3.19 9.13	16.13 -3.01 11.59	15.35 -2.76 10.37	15.27 -2.59 9.36	16.43 -2.71 9.38	17.89 -2.95 9.86	24.14 -3.99 13.45	24.52 -3.88 13.73	21.64 -3.82 16.53	22.98 -3.61 15.37	23.51 -3.30 11.09	21.89 -3.44 13.33	21.01 -3.32 12.20	21.39 -3.35 11.24	19.26 -3.42 15.30	20.36 -3.98 15.04	22.75 -4.02 12.61	24.97 -4.33 14.90	28.86 -4.44 14.43	41.36 -4.68 8.96	41.47 -4.54 9.37	34.46 -3.29 6.12	32.10 -2.82 1.26	29.47 -2.87 2.26
DUNKIRK___1 23563	20.22 -3.19 9.13	16.13 -3.01 11.59	15.35 -2.76 10.37	15.27 -2.59 9.36	16.43 -2.71 9.38	17.89 -2.95 9.86	24.14 -3.99 13.45	24.52 -3.88 13.73	21.64 -3.82 16.53	22.98 -3.61 15.37	23.51 -3.30 11.09	21.89 -3.44 13.33	21.01 -3.32 12.20	21.39 -3.35 11.24	19.26 -3.42 15.30	20.36 -3.98 15.04	22.75 -4.02 12.61	24.97 -4.33 14.90	28.86 -4.44 14.43	41.36 -4.68 8.96	41.47 -4.54 9.37	34.46 -3.29 6.12	32.10 -2.82 1.26	29.47 -2.87 2.26
DUNKIRK___2 23564	20.22 -3.19 9.13	16.13 -3.01 11.59	15.35 -2.76 10.37	15.27 -2.59 9.36	16.43 -2.71 9.38	17.89 -2.95 9.86	24.14 -3.99 13.45	24.52 -3.88 13.73	21.64 -3.82 16.53	22.98 -3.61 15.37	23.51 -3.30 11.09	21.89 -3.44 13.33	21.01 -3.32 12.20	21.39 -3.35 11.24	19.26 -3.42 15.30	20.36 -3.98 15.04	22.75 -4.02 12.61	24.97 -4.33 14.90	28.86 -4.44 14.43	41.36 -4.68 8.96	41.47 -4.54 9.37	34.46 -3.29 6.12	32.10 -2.82 1.26	29.47 -2.87 2.26
DUNKIRK___3 23565	20.36 -3.09 9.08	16.28 -2.92 11.53	15.49 -2.68 10.31	15.40 -2.50 9.31	16.54 -2.57 9.41	17.79 -2.82 10.08	23.96 -3.87 13.76	24.34 -3.75 14.04	21.49 -3.70 16.81	22.88 -3.48 15.59	23.32 -3.22 11.36	21.72 -3.36 13.58	20.78 -3.25 12.50	21.22 -3.27 11.48	19.18 -3.34 15.46	20.17 -3.86 15.34	22.57 -3.90 12.90	24.75 -4.24 15.21	28.54 -4.44 14.75	41.22 -4.73 9.05	41.24 -4.65 9.49	34.33 -3.33 6.20	32.01 -2.89 1.28	29.40 -2.91 2.29
DUNKIRK___4 23566	20.36 -3.09 9.08	16.28 -2.92 11.53	15.49 -2.68 10.31	15.40 -2.50 9.31	16.54 -2.57 9.41	17.79 -2.82 10.08	23.96 -3.87 13.76	24.34 -3.75 14.04	21.49 -3.70 16.81	22.88 -3.48 15.59	23.32 -3.22 11.36	21.72 -3.36 13.58	20.78 -3.25 12.50	21.22 -3.27 11.48	19.18 -3.34 15.46	20.17 -3.86 15.34	22.57 -3.90 12.90	24.75 -4.24 15.21	28.54 -4.44 14.75	41.22 -4.73 9.05	41.24 -4.65 9.49	34.33 -3.33 6.20	32.01 -2.89 1.28	29.40 -2.91 2.29
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.32 1.79 0.00	32.45 1.72 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.11 1.60 0.00	32.51 1.81 0.00	43.96 2.37 0.00	44.87 2.74 0.00	44.84 2.86 0.00	44.89 2.94 0.00	40.67 2.77 0.00	41.56 2.90 0.00	39.39 2.85 0.00	38.89 2.91 0.00	41.09 3.11 0.00	42.56 3.19 0.00	42.60 3.23 0.00	47.79 3.58 0.00	51.45 3.72 0.00	59.13 4.13 0.00	59.38 3.99 0.00	46.72 2.85 0.00	38.21 2.03 0.00	36.43 1.83 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.19 1.66 0.00	32.30 1.57 0.00	30.02 1.54 0.00	28.68 1.47 0.00	29.97 1.45 0.00	32.32 1.63 0.00	43.75 2.16 0.00	44.62 2.49 0.00	44.51 2.52 0.00	44.51 2.56 0.00	40.33 2.43 0.00	41.17 2.51 0.00	39.02 2.48 0.00	38.53 2.55 0.00	40.63 2.66 0.00	42.05 2.68 0.00	42.13 2.76 0.00	47.26 3.05 0.00	50.87 3.15 0.00	58.63 3.63 0.00	58.93 3.54 0.00	46.50 2.63 0.00	38.03 1.85 0.00	36.33 1.73 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	34.61 2.08 0.00	32.88 2.15 0.00	30.51 2.02 -0.01	29.13 1.90 -0.01	30.43 1.91 0.00	32.69 2.00 0.00	43.88 2.29 0.00	44.78 2.65 0.00	44.76 2.77 0.00	44.85 2.89 0.00	40.63 2.73 0.00	41.48 2.82 0.00	39.35 2.81 0.00	38.89 2.91 0.00	41.05 3.08 0.00	42.52 3.15 0.00	42.60 3.23 0.00	47.79 3.58 0.00	51.40 3.67 0.00	58.91 3.91 0.00	59.05 3.66 0.00	46.63 2.76 0.00	38.21 2.03 0.00	36.60 2.01 0.00

E179THST_13_KV_LOAD 356214	34.74 2.21 0.00	33.00 2.27 0.00	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.78 2.09 0.00	44.04 2.45 0.00	44.95 2.82 0.00	44.93 2.94 0.00	45.01 3.06 0.00	40.82 2.92 0.00	41.68 3.02 0.00	39.50 2.96 0.00	39.04 3.06 0.00	41.20 3.23 0.00	42.72 3.35 0.00	42.80 3.43 0.00	48.01 3.80 0.00	51.64 3.91 0.00	59.18 4.18 0.00	59.32 3.93 0.00	46.81 2.94 0.00	38.36 2.17 0.00	36.74 2.14 0.00
EAST HAMPTON___GT 23717	36.51 3.97 -0.01	34.36 3.62 -0.01	31.90 3.42 0.00	30.65 3.43 -0.01	32.03 3.51 -0.01	34.54 3.84 -0.01	46.54 4.95 -0.01	47.36 5.22 -0.01	45.48 3.48 -0.01	45.19 3.23 -0.01	44.12 2.84 -3.37	45.48 2.90 -3.91	45.56 2.85 -6.17	45.84 2.91 -6.95	46.68 3.11 -5.59	47.64 3.23 -5.04	48.25 3.39 -5.49	54.17 3.84 -6.12	52.11 3.58 -0.80	61.56 4.01 -2.55	64.46 3.99 -5.08	48.18 2.98 -1.32	42.84 2.21 -4.45	37.75 1.97 -1.18
EAST RIVER___6 23660	34.48 1.95 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.63 1.94 0.00	44.21 2.62 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.26 3.31 0.00	40.97 3.07 0.00	41.87 3.21 0.00	39.71 3.18 0.00	39.22 3.24 0.00	41.43 3.46 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.23 4.02 0.00	51.88 4.15 0.00	59.57 4.56 0.00	59.76 4.37 0.00	47.03 3.16 0.00	38.47 2.28 0.00	36.50 1.90 0.00
EAST RIVER___7 23524	34.48 1.95 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.63 1.94 0.00	44.21 2.62 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.26 3.31 0.00	40.97 3.07 0.00	41.87 3.21 0.00	39.71 3.18 0.00	39.22 3.24 0.00	41.43 3.46 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.23 4.02 0.00	51.88 4.15 0.00	59.57 4.56 0.00	59.76 4.37 0.00	47.03 3.16 0.00	38.47 2.28 0.00	36.50 1.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.29 1.76 0.00	32.42 1.69 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.11 1.60 0.00	32.48 1.78 0.00	43.92 2.33 0.00	44.78 2.65 0.00	44.76 2.77 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.48 2.82 0.00	39.31 2.78 0.00	38.82 2.84 0.00	40.98 3.00 0.00	42.44 3.07 0.00	42.48 3.11 0.00	47.66 3.45 0.00	51.30 3.58 0.00	59.02 4.02 0.00	59.27 3.88 0.00	46.63 2.76 0.00	38.14 1.95 0.00	36.40 1.80 0.00
EAST_HAMPTON___DIESEL 23722	36.51 3.97 -0.01	34.36 3.62 -0.01	31.90 3.42 0.00	30.65 3.43 -0.01	32.03 3.51 -0.01	34.54 3.84 -0.01	46.54 4.95 -0.01	47.40 5.27 -0.01	45.44 3.44 -0.01	45.15 3.19 -0.01	44.08 2.80 -3.37	45.40 2.82 -3.91	45.48 2.78 -6.17	45.81 2.88 -6.95	46.64 3.07 -5.59	47.56 3.15 -5.04	48.21 3.34 -5.49	54.13 3.80 -6.12	52.01 3.48 -0.80	61.45 3.91 -2.55	64.34 3.88 -5.08	48.09 2.89 -1.32	42.77 2.13 -4.45	37.68 1.90 -1.18
EAST_POINT___SOLAR 323840	34.45 1.92 0.00	32.57 1.84 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.23 1.71 0.00	32.72 2.03 0.00	44.62 3.03 0.00	45.25 3.12 0.00	44.51 2.52 0.00	44.55 2.01 -0.59	39.42 1.52 0.00	40.69 1.62 -0.41	38.31 1.72 -0.06	37.71 1.51 -0.22	40.76 1.75 -1.04	41.38 2.01 0.00	41.46 2.09 0.00	47.00 2.79 0.00	50.78 3.06 0.00	59.13 4.13 0.00	59.60 4.21 0.00	46.99 3.12 0.00	38.65 2.46 0.00	36.95 2.35 0.00
EAST_PULASKI___ESR 323781	32.11 -0.42 0.00	30.33 -0.40 0.00	28.08 -0.40 0.00	26.83 -0.38 0.00	28.09 -0.43 0.00	30.24 -0.46 0.00	41.01 -0.58 0.00	41.45 -0.68 0.00	41.75 -0.71 -0.48	41.69 -0.75 -0.49	37.18 -0.72 0.00	37.97 -0.69 0.00	35.84 -0.70 0.00	35.19 -0.79 0.00	37.22 -0.76 0.00	38.54 -0.83 0.00	38.51 -0.87 0.00	43.32 -0.88 0.00	49.00 -0.77 -2.04	56.74 -0.60 -2.34	57.00 -0.61 -2.22	43.39 -0.48 0.00	35.79 -0.40 0.00	34.28 -0.31 0.00
EAST_RIVER___1 323558	34.45 1.92 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.60 1.90 0.00	44.13 2.54 0.00	45.08 2.95 0.00	45.01 3.02 0.00	45.10 3.15 0.00	40.82 2.92 0.00	41.71 3.05 0.00	39.57 3.03 0.00	39.07 3.09 0.00	41.24 3.27 0.00	42.76 3.39 0.00	42.84 3.47 0.00	48.05 3.84 0.00	51.68 3.96 0.00	59.40 4.40 0.00	59.60 4.21 0.00	46.90 3.02 0.00	38.39 2.21 0.00	36.46 1.87 0.00
EAST_RIVER___2 323559	34.48 1.95 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.63 1.94 0.00	44.21 2.62 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.26 3.31 0.00	40.97 3.07 0.00	41.87 3.21 0.00	39.71 3.18 0.00	39.22 3.24 0.00	41.43 3.46 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.23 4.02 0.00	51.88 4.15 0.00	59.57 4.56 0.00	59.76 4.37 0.00	47.03 3.16 0.00	38.47 2.28 0.00	36.50 1.90 0.00
EAST___DELAWARE_HYD 23607	35.49 1.98 -0.98	33.84 1.87 -1.24	31.41 1.82 -1.11	29.96 1.74 -1.00	30.95 1.71 -0.72	32.60 1.90 0.00	44.21 2.62 0.00	45.12 2.99 0.00	45.01 3.02 0.00	45.06 3.10 0.00	40.70 2.80 0.00	41.60 2.94 0.00	39.39 2.85 0.00	38.86 2.88 0.00	40.86 2.88 0.00	42.32 2.95 0.00	42.40 3.03 0.00	47.66 3.45 0.00	51.31 3.58 0.00	59.18 4.18 0.00	59.55 4.16 0.00	47.07 3.20 0.00	38.50 2.32 0.00	36.64 2.04 0.00
EIGHT_POINT___WT_PWR 323820	17.21 -2.37 12.95	11.98 -2.31 16.44	11.47 -2.31 14.71	11.71 -2.23 13.28	25.45 -2.28 0.79	62.33 -2.24 -33.87	85.18 -2.95 -46.54	86.91 -2.74 -47.52	98.42 -2.94 -59.37	71.48 -2.98 -32.50	73.19 -2.88 -38.17	66.58 -3.21 -31.12	73.09 -3.07 -39.62	63.61 -3.09 -30.72	50.20 -3.53 -15.75	75.45 -3.74 -39.82	73.60 -3.54 -37.77	82.31 -3.58 -41.68	94.81 -3.39 -50.47	81.50 -3.30 -29.80	90.06 -3.15 -37.83	64.28 -2.15 -22.56	38.81 -2.03 -4.65	40.92 -2.01 -8.33
ELBRIDGE_115KV_TB2 80188	30.58 -0.42 1.53	28.42 -0.37 1.94	26.38 -0.37 1.73	25.32 -0.33 1.57	27.07 -0.31 1.13	30.39 -0.31 0.00	41.21 -0.37 0.00	41.75 -0.38 0.00	41.94 -0.38 -0.33	41.26 -0.34 0.35	37.56 -0.34 0.00	37.79 -0.39 0.48	36.07 -0.40 0.07	35.29 -0.43 0.26	36.29 -0.46 1.23	38.86 -0.51 0.00	38.71 -0.55 0.11	43.63 -0.57 0.00	48.56 -0.57 -1.41	57.35 -0.55 -2.89	58.02 -0.50 -3.12	43.48 -0.39 0.00	35.93 -0.25 0.00	34.29 -0.31 0.00
ELEC_TRO_TEK 24086	34.76 2.21 -0.02	32.93 2.18 -0.02	30.62 2.14 0.00	29.27 2.04 -0.02	30.55 2.02 -0.02	32.95 2.24 -0.02	44.52 2.91 -0.02	45.43 3.29 -0.02	45.24 3.23 -0.02	45.28 3.31 -0.02	46.77 3.03 -5.84	48.60 3.17 -6.77	50.28 3.07 -10.67	51.13 3.13 -12.03	50.90 3.27 -9.66	51.39 3.31 -8.71	52.26 3.39 -9.50	56.63 3.71 -8.71	51.70 3.96 -0.02	59.36 4.35 -0.02	63.09 4.21 -3.49	49.25 3.11 -2.27	46.23 2.35 -7.69	38.86 2.21 -2.05
ELLENBURG_WT_PWR 323604	32.40 -0.13 0.00	30.58 -0.15 0.00	28.28 -0.20 0.00	27.00 -0.22 0.00	28.23 -0.29 0.00	30.42 -0.28 0.00	41.42 -0.17 0.00	41.92 -0.21 0.00	41.78 -0.21 0.00	41.57 -0.38 0.00	37.48 -0.42 0.00	38.24 -0.42 0.00	36.02 -0.51 0.00	35.44 -0.54 0.00	37.41 -0.57 0.00	38.90 -0.47 0.00	38.94 -0.43 0.00	43.85 -0.36 0.00	47.39 -0.33 0.00	54.51 -0.50 0.00	54.94 -0.45 0.00	43.57 -0.30 0.00	35.89 -0.29 0.00	34.39 -0.21 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.51 -3.55 8.48	16.68 -3.29 10.76	15.83 -3.02 9.63	15.72 -2.80 8.69	16.65 -2.85 9.02	17.28 -3.16 10.26	23.26 -4.33 14.01	23.66 -4.17 14.30	20.91 -4.11 16.96	22.59 -3.86 15.50	22.68 -3.64 11.58	21.24 -3.79 13.64	20.09 -3.69 12.76	20.70 -3.67 11.61	19.07 -3.76 15.14	19.33 -4.29 15.74	21.82 -4.33 13.22	24.04 -4.77 15.39	27.57 -5.15 15.00	40.07 -5.83 9.10	40.11 -5.76 9.52	33.44 -4.21 6.22	31.39 -3.51 1.28	28.77 -3.53 2.30
EMPIRE_CC_1 323656	33.48 0.94 0.00	31.68 0.95 0.00	29.39 0.91 0.00	28.08 0.87 0.00	29.40 0.88 0.00	31.65 0.95 0.00	42.67 1.08 0.00	43.18 1.05 0.00	42.96 0.97 0.00	42.92 0.97 0.00	38.85 0.95 0.00	39.59 0.93 0.00	37.45 0.91 0.00	37.02 1.04 0.00	38.96 0.99 0.00	40.43 1.06 0.00	40.44 1.06 0.00	45.31 1.11 0.00	48.82 1.10 0.00	56.16 1.16 0.00	56.55 1.17 0.00	44.79 0.92 0.00	37.09 0.90 0.00	35.46 0.87 0.00
EMPIRE_CC_2 323658	33.48 0.94 0.00	31.68 0.95 0.00	29.39 0.91 0.00	28.08 0.87 0.00	29.40 0.88 0.00	31.65 0.95 0.00	42.67 1.08 0.00	43.18 1.05 0.00	42.96 0.97 0.00	42.92 0.97 0.00	38.85 0.95 0.00	39.59 0.93 0.00	37.45 0.91 0.00	37.02 1.04 0.00	38.96 0.99 0.00	40.43 1.06 0.00	40.44 1.06 0.00	45.31 1.11 0.00	48.82 1.10 0.00	56.16 1.16 0.00	56.55 1.17 0.00	44.79 0.92 0.00	37.09 0.90 0.00	35.46 0.87 0.00
ENORWICH_115KV_TB1 80156	36.16 1.66 -1.97	34.74 1.51 -2.50	32.11 1.40 -2.24	30.57 1.33 -2.02	31.77 1.40 -1.85	33.45 1.57 -1.19	45.78 2.41 -1.78	46.64 2.70 -1.81	45.54 2.52 -1.04	47.13 2.35 -2.83	41.36 1.86 -1.60	43.33 2.05 -2.62	40.22 1.61 -2.08	39.39 1.33 -2.08	43.35 1.78 -3.59	42.90 1.93 -1.60	42.83 1.81 -1.65	50.69 2.39 -4.09	52.87 2.86 -2.29	60.59 4.07 -1.52	61.32 3.99 -1.94	47.20 3.33 0.00	38.79 2.61 0.00	36.88 2.28 0.00
ERIE_ST__34_KV_TB1-2 80199	20.98 -2.70 8.85	17.01 -2.49 11.23	16.18 -2.25 10.05	16.05 -2.10 9.07	17.38 -2.11 9.03	19.03 -2.36 9.30	25.69 -3.20 12.69	26.14 -3.03 12.96	23.38 -2.94 15.67	24.65 -2.68 14.62	24.88 -2.58 10.45	23.31 -2.74 12.61	22.37 -2.70 11.47	22.68 -2.70 10.60	20.65 -2.73 14.59	21.78 -3.23 14.36	24.17 -3.27 11.94	26.59 -3.54 14.08	30.33 -3.77 13.63	42.15 -4.18 8.67	42.37 -4.10 8.92	35.15 -2.90 5.83	32.49 -2.50 1.20	29.89 -2.56 2.15
ERIE_WT_PWR 323693	20.50 -3.32 8.72	16.59 -3.07 11.07	15.76 -2.82 9.90	15.67 -2.61 8.94	16.70 -2.68 9.14	17.75 -2.95 10.00	23.71 -4.16 13.72	24.16 -3.96 14.01	21.41 -3.78 16.80	22.99 -3.57 15.39	23.33 -3.26 11.31	21.74 -3.52 13.40	20.61 -3.51 12.42	21.16 -3.45 11.36	19.34 -3.53 15.11	19.94 -4.05 15.38	22.41 -4.10 12.87	24.64 -4.51 15.06	28.29 -4.82 14.61	40.67 -5.39 8.95	40.81 -5.32 9.26	34.00 -3.82 6.05	31.72 -3.22 1.25	29.11 -3.25 2.23
ESPRGFLD_115KV_TB1 80157	35.40 1.30 -1.56	33.94 1.23 -1.98	31.40 1.14 -1.78	29.93 1.12 -1.60	30.87 1.20 -1.16	32.05 1.35 0.00	44.29 2.70 0.00	45.08 2.95 0.00	44.72 2.73 0.00	45.85 2.68 -1.22	40.17 2.27 0.00	42.02 2.51 -0.85	38.88 2.23 -0.12	38.37 1.94 -0.45	42.40 2.28 -2.15	41.77 2.40 0.00	41.52 2.24 0.10	46.86 2.65 0.00	50.64 2.91 0.00	59.45 4.02 -0.44	59.87 3.93 -0.54	46.94 3.07 0.00	38.54 2.35 0.00	36.78 2.18 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.09 0.42 2.86	27.52 0.43 3.64	25.60 0.37 3.25	24.63 0.35 2.94	27.46 0.40 1.45	33.47 0.52 -2.25	45.26 0.83 -2.84	45.95 0.93 -2.90	44.50 0.88 -1.63	43.94 0.84 -1.15	41.07 0.61 -2.56	41.07 0.54 -1.87	39.98 0.44 -3.00	38.43 0.36 -2.10	38.26 0.46 0.17	43.04 0.47 -3.20	42.59 0.43 -2.78	53.07 0.66 -8.20	52.15 0.91 -3.52	58.43 1.32 -2.11	59.32 1.33 -2.60	44.97 1.10 0.00	36.98 0.80 0.00	35.25 0.66 0.00
ETNA____115KV_TB2 80207	30.09 0.42 2.86	27.52 0.43 3.64	25.60 0.37 3.25	24.63 0.35 2.94	27.46 0.40 1.45	33.47 0.52 -2.25	45.26 0.83 -2.84	45.95 0.93 -2.90	44.50 0.88 -1.63	43.94 0.84 -1.15	41.07 0.61 -2.56	41.07 0.54 -1.87	39.98 0.44 -3.00	38.43 0.36 -2.10	38.26 0.46 0.17	43.04 0.47 -3.20	42.59 0.43 -2.78	53.07 0.66 -8.20	52.15 0.91 -3.52	58.43 1.32 -2.11	59.32 1.33 -2.60	44.97 1.10 0.00	36.98 0.80 0.00	35.25 0.66 0.00
EUCLID__115KV_TB2 356179	32.08 -0.46 0.00	30.30 -0.43 0.00	28.08 -0.40 0.00	26.83 -0.38 0.00	28.14 -0.37 0.00	30.33 -0.37 0.00	41.17 -0.42 0.00	41.67 -0.46 0.00	41.78 -0.42 -0.21	41.79 -0.38 -0.22	37.56 -0.34 0.00	38.27 -0.39 0.00	36.17 -0.37 0.00	35.55 -0.43 0.00	37.56 -0.42 0.00	38.86 -0.51 0.00	38.82 -0.55 0.00	43.59 -0.62 0.00	48.01 -0.62 -0.91	55.75 -0.61 -1.35	56.15 -0.61 -1.37	43.39 -0.48 0.00	35.86 -0.33 0.00	34.22 -0.38 0.00
E_CANADA_CAP_HY 24051	35.17 1.56 -1.07	33.60 1.51 -1.36	31.07 1.37 -1.22	29.65 1.33 -1.10	30.71 1.40 -0.80	32.32 1.63 0.00	44.13 2.54 0.00	44.74 2.61 0.00	44.21 2.22 0.00	44.76 2.06 -0.75	39.57 1.67 0.00	40.96 1.78 -0.52	38.29 1.68 -0.07	37.77 1.51 -0.28	40.97 1.67 -1.33	41.26 1.89 0.00	41.26 1.89 0.00	46.51 2.30 0.00	50.30 2.58 0.00	58.58 3.57 0.00	58.99 3.60 0.00	46.55 2.68 0.00	38.28 2.10 0.00	36.67 2.08 0.00
E_CANADA_MHWK_HY 24050	33.12 0.59 0.00	31.04 0.31 0.00	28.59 0.11 0.00	27.19 -0.03 0.00	28.40 -0.11 0.00	30.48 -0.21 0.00	40.97 -0.62 0.00	41.45 -0.68 0.00	41.28 -0.71 0.00	41.24 -0.71 0.00	37.29 -0.61 0.00	38.16 -0.50 0.00	36.17 -0.37 0.00	35.76 -0.21 0.00	37.98 0.00 0.00	39.49 0.12 0.00	39.49 0.12 0.00	44.30 0.09 0.00	47.77 0.05 0.00	55.28 0.28 0.00	55.72 0.33 0.00	44.22 0.35 0.00	36.84 0.65 0.00	35.22 0.62 0.00
E_FISHKILL__LBMP 23776	34.03 1.50 0.00	32.17 1.44 0.00	29.93 1.45 0.00	28.60 1.39 0.00	29.88 1.37 0.00	32.20 1.50 0.00	43.54 1.95 0.00	44.36 2.23 0.00	44.30 2.31 0.00	44.34 2.39 0.00	40.17 2.27 0.00	41.02 2.36 0.00	38.87 2.34 0.00	38.39 2.41 0.00	40.52 2.54 0.00	41.97 2.60 0.00	42.01 2.64 0.00	47.08 2.87 0.00	50.68 2.96 0.00	58.36 3.36 0.00	58.60 3.21 0.00	46.20 2.33 0.00	37.85 1.66 0.00	36.15 1.56 0.00
FALCON__SEABRD_CC1 323796	32.73 0.20 0.00	30.88 0.15 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.52 0.00 0.00	30.73 0.03 0.00	41.92 0.33 0.00	42.47 0.34 0.00	42.32 0.33 0.00	42.08 0.13 0.00	37.94 0.04 0.00	38.70 0.04 0.00	36.46 -0.07 0.00	35.83 -0.14 0.00	37.86 -0.11 0.00	39.37 0.00 0.00	39.37 0.00 0.00	44.39 0.18 0.00	47.96 0.24 0.00	55.22 0.22 0.00	55.67 0.28 0.00	44.09 0.22 0.00	36.29 0.11 0.00	34.81 0.21 0.00
FALCON__SEABRD_CC2 323797	32.73 0.20 0.00	30.88 0.15 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.52 0.00 0.00	30.73 0.03 0.00	41.92 0.33 0.00	42.47 0.34 0.00	42.32 0.33 0.00	42.08 0.13 0.00	37.94 0.04 0.00	38.70 0.04 0.00	36.46 -0.07 0.00	35.83 -0.14 0.00	37.86 -0.11 0.00	39.37 0.00 0.00	39.37 0.00 0.00	44.39 0.18 0.00	47.96 0.24 0.00	55.22 0.22 0.00	55.67 0.28 0.00	44.09 0.22 0.00	36.29 0.11 0.00	34.81 0.21 0.00

FAR ROCKAWAY___4 23548	35.08 2.54 -0.02	33.26 2.52 -0.02	30.90 2.42 0.00	29.57 2.34 -0.02	30.87 2.34 -0.02	33.29 2.58 -0.02	44.97 3.37 -0.02	45.85 3.71 -0.02	45.74 3.74 -0.02	45.78 3.82 -0.02	47.43 3.49 -6.04	49.27 3.60 -7.01	51.09 3.51 -11.05	51.99 3.56 -12.45	51.74 3.76 -10.00	52.21 3.82 -9.02	53.07 3.86 -9.84	57.51 4.29 -9.01	52.32 4.58 -0.02	60.13 5.12 -0.02	63.93 4.93 -3.61	49.91 3.69 -2.35	46.94 2.79 -7.96	39.34 2.63 -2.12
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.61 2.08 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.60 1.90 0.00	44.13 2.54 0.00	45.08 2.95 0.00	45.01 3.02 0.00	45.06 3.10 0.00	40.82 2.92 0.00	41.72 3.05 0.00	39.53 3.00 0.00	39.07 3.09 0.00	41.24 3.27 0.00	42.72 3.35 0.00	42.80 3.43 0.00	48.01 3.80 0.00	51.69 3.96 0.00	59.35 4.35 0.00	59.54 4.15 0.00	46.90 3.03 0.00	38.28 2.10 0.00	36.53 1.94 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.45 1.92 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.60 1.90 0.00	44.13 2.54 0.00	45.08 2.95 0.00	45.01 3.02 0.00	45.06 3.10 0.00	40.82 2.92 0.00	41.72 3.05 0.00	39.53 3.00 0.00	39.04 3.06 0.00	41.24 3.27 0.00	42.72 3.35 0.00	42.80 3.43 0.00	48.01 3.80 0.00	51.69 3.96 0.00	59.35 4.35 0.00	59.54 4.15 0.00	46.90 3.03 0.00	38.28 2.10 0.00	36.53 1.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.45 1.92 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.60 1.90 0.00	44.13 2.54 0.00	45.04 2.91 0.00	45.01 3.02 0.00	45.06 3.10 0.00	40.82 2.92 0.00	41.68 3.02 0.00	39.53 3.00 0.00	39.04 3.06 0.00	41.24 3.27 0.00	42.72 3.35 0.00	42.80 3.43 0.00	48.01 3.80 0.00	51.69 3.96 0.00	59.35 4.35 0.00	59.54 4.15 0.00	46.85 2.98 0.00	38.28 2.10 0.00	36.50 1.90 0.00
FARRAGUT___LBMP 323566	34.42 1.89 0.00	32.54 1.81 0.00	30.30 1.82 0.00	28.96 1.74 0.00	30.23 1.71 0.00	32.57 1.87 0.00	44.08 2.50 0.00	44.99 2.86 0.00	44.97 2.98 0.00	45.01 3.06 0.00	40.78 2.88 0.00	41.64 2.98 0.00	39.50 2.96 0.00	39.00 3.02 0.00	41.20 3.23 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.97 3.76 0.00	51.64 3.91 0.00	59.29 4.29 0.00	59.49 4.10 0.00	46.81 2.94 0.00	38.25 2.06 0.00	36.50 1.90 0.00
FARRCKWY_69_KV_BK2 55825	35.08 2.54 -0.02	33.26 2.52 -0.02	30.90 2.42 0.00	29.57 2.34 -0.02	30.87 2.34 -0.02	33.29 2.58 -0.02	44.97 3.37 -0.02	45.85 3.71 -0.02	45.74 3.74 -0.02	45.78 3.82 -0.02	47.43 3.49 -6.04	49.27 3.60 -7.01	51.09 3.51 -11.05	51.99 3.56 -12.45	51.74 3.76 -10.00	52.21 3.82 -9.02	53.07 3.86 -9.84	57.51 4.29 -9.01	52.32 4.58 -0.02	60.13 5.12 -0.02	63.93 4.93 -3.61	49.91 3.69 -2.35	46.94 2.79 -7.96	39.34 2.63 -2.12
FENNER___WINDPWR 24204	33.02 0.49 0.00	31.19 0.46 0.00	28.88 0.40 0.00	27.60 0.38 0.00	28.91 0.40 0.00	31.16 0.46 0.00	42.34 0.75 0.00	42.93 0.80 0.00	42.90 0.76 -0.15	42.87 0.76 -0.16	38.50 0.60 0.00	39.32 0.66 0.00	37.09 0.55 0.00	36.48 0.50 0.00	38.58 0.61 0.00	40.00 0.63 0.00	39.96 0.59 0.00	45.96 0.75 -1.00	49.29 0.90 -0.66	57.52 1.27 -1.25	57.94 1.22 -1.34	44.88 1.01 0.00	36.98 0.80 0.00	35.29 0.69 0.00
FIBERTEK___ENERGY 23856	31.09 -0.16 1.28	28.95 -0.15 1.63	26.85 -0.17 1.46	25.76 -0.14 1.31	27.45 -0.11 0.95	30.61 -0.09 0.00	41.55 -0.04 0.00	42.09 -0.04 0.00	42.27 -0.04 -0.32	41.70 0.00 0.25	37.90 0.00 0.00	38.22 -0.04 0.40	36.44 -0.04 0.06	35.65 -0.11 0.21	36.84 -0.11 1.03	39.21 -0.16 0.00	39.14 -0.24 0.00	43.99 -0.22 0.00	48.92 -0.19 -1.38	57.40 -0.11 -2.51	57.99 -0.06 -2.66	43.83 -0.04 0.00	36.19 0.00 0.00	34.53 -0.07 0.00
FITZPATRICK____ 23598	31.49 -1.04 0.00	29.78 -0.95 0.00	27.60 -0.88 0.00	26.37 -0.84 0.00	27.66 -0.85 0.00	29.78 -0.92 0.00	40.34 -1.25 0.00	40.78 -1.35 0.00	39.10 -1.35 1.55	39.06 -1.30 1.59	36.73 -1.18 0.00	37.42 -1.24 0.00	35.37 -1.17 0.00	34.79 -1.19 0.00	36.72 -1.25 0.00	38.03 -1.34 0.00	37.99 -1.38 0.00	42.71 -1.50 0.00	39.50 -1.62 6.60	47.70 -1.81 5.49	49.00 -1.83 4.56	42.46 -1.41 0.00	35.06 -1.12 0.00	33.56 -1.04 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.35 1.82 0.00	32.48 1.75 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.14 1.63 0.00	32.48 1.78 0.00	44.00 2.41 0.00	44.87 2.74 0.00	44.80 2.81 0.00	44.85 2.89 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.28 2.74 0.00	38.78 2.81 0.00	40.86 2.89 0.00	42.32 2.95 0.00	42.36 2.99 0.00	47.57 3.36 0.00	51.16 3.44 0.00	58.96 3.96 0.00	59.27 3.88 0.00	46.77 2.90 0.00	38.21 2.03 0.00	36.53 1.94 0.00
FORT ORANGE____ 23900	33.60 1.07 0.00	31.77 1.05 0.00	29.48 1.00 0.00	28.17 0.95 0.00	29.49 0.97 0.00	31.71 1.01 0.00	42.63 1.04 0.00	43.18 1.05 0.00	42.96 0.97 0.00	42.92 0.97 0.00	38.81 0.91 0.00	39.55 0.89 0.00	37.41 0.88 0.00	36.91 0.93 0.00	38.89 0.91 0.00	40.39 1.02 0.00	40.44 1.06 0.00	45.23 1.02 0.00	48.77 1.05 0.00	56.21 1.21 0.00	56.61 1.22 0.00	44.79 0.92 0.00	37.05 0.87 0.00	35.49 0.90 0.00
FORT_DRUM_COGEN 23780	32.60 0.07 0.00	30.64 -0.09 0.00	28.34 -0.14 0.00	27.00 -0.22 0.00	28.23 -0.29 0.00	30.39 -0.31 0.00	41.34 -0.25 0.00	41.79 -0.34 0.00	41.70 -0.55 -0.26	41.42 -0.80 -0.27	37.07 -0.83 0.00	37.81 -0.85 0.00	35.55 -0.99 0.00	34.86 -1.12 0.00	37.06 -0.91 0.00	38.58 -0.79 0.00	38.62 -0.75 0.00	43.63 -0.57 0.00	48.79 -0.05 -1.11	57.13 0.77 -1.36	57.31 0.61 -1.31	44.48 0.61 0.00	36.73 0.54 0.00	35.01 0.42 0.00
FOX_HILLS___ESR 323835	34.78 2.24 -0.01	32.92 2.18 -0.01	30.68 2.19 -0.01	29.32 2.10 -0.01	30.57 2.05 0.00	32.88 2.18 0.00	44.33 2.74 0.00	45.25 3.12 0.00	45.14 3.15 0.00	45.26 3.31 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.43 3.46 0.00	42.95 3.58 0.00	43.03 3.66 0.00	48.37 4.15 -0.01	51.98 4.25 -0.01	59.63 4.62 -0.01	59.88 4.48 -0.01	47.21 3.33 -0.01	38.73 2.53 -0.01	36.82 2.22 -0.01
FPL_FAR_ROCK_GT1 24212	35.09 2.54 -0.02	33.27 2.52 -0.02	30.90 2.42 0.00	29.57 2.34 -0.02	30.87 2.34 -0.02	33.29 2.58 -0.02	44.97 3.37 -0.02	45.85 3.71 -0.02	45.70 3.70 -0.02	45.78 3.82 -0.02	47.39 3.45 -6.04	49.27 3.60 -7.01	51.09 3.51 -11.05	51.99 3.56 -12.45	51.74 3.76 -10.00	52.21 3.82 -9.02	53.07 3.86 -9.84	57.51 4.29 -9.01	52.32 4.58 -0.02	60.13 5.12 -0.02	63.99 4.99 -3.61	49.91 3.69 -2.35	47.01 2.86 -7.96	39.24 2.52 -2.12
FPL_FAR_ROCK_GT2 23815	35.09 2.54 -0.02	33.27 2.52 -0.02	30.90 2.42 0.00	29.57 2.34 -0.02	30.87 2.34 -0.02	33.29 2.58 -0.02	44.97 3.37 -0.02	45.85 3.71 -0.02	45.70 3.70 -0.02	45.78 3.82 -0.02	47.39 3.45 -6.04	49.27 3.60 -7.01	51.09 3.51 -11.05	51.99 3.56 -12.45	51.74 3.76 -10.00	52.21 3.82 -9.02	53.07 3.86 -9.84	57.51 4.29 -9.01	52.32 4.58 -0.02	60.13 5.12 -0.02	63.99 4.99 -3.61	49.91 3.69 -2.35	47.01 2.86 -7.96	39.24 2.52 -2.12



FRANKLIN_FALL_HYD 24054	32.60 0.07 0.00	30.73 0.00 0.00	28.40 -0.09 0.00	27.11 -0.11 0.00	28.37 -0.14 0.00	30.64 -0.06 0.00	41.96 0.37 0.00	42.47 0.34 0.00	42.41 0.42 0.00	42.12 0.17 0.00	37.94 0.04 0.00	38.74 0.08 0.00	36.50 -0.04 0.00	35.87 -0.11 0.00	37.86 -0.11 0.00	39.37 0.00 0.00	39.37 0.00 0.00	44.43 0.22 0.00	48.01 0.29 0.00	54.89 -0.11 0.00	55.33 -0.06 0.00	43.78 -0.09 0.00	36.04 -0.14 0.00	34.60 0.00 0.00
FREEPORT_EQUS_GT1 23764	35.01 2.47 -0.01	33.14 2.40 -0.01	30.79 2.31 0.00	29.46 2.23 -0.01	30.78 2.25 -0.01	33.17 2.46 -0.01	44.85 3.25 -0.01	45.72 3.58 -0.01	45.53 3.53 -0.01	45.57 3.61 -0.01	45.59 3.30 -4.40	47.17 3.40 -5.10	47.91 3.32 -8.05	48.39 3.35 -9.06	48.79 3.53 -7.28	49.56 3.62 -6.57	50.23 3.70 -7.16	54.88 4.11 -6.56	52.12 4.39 -0.01	59.91 4.89 -0.01	62.78 4.76 -2.63	49.09 3.51 -1.71	44.73 2.75 -5.80	38.56 2.42 -1.54
FREEPORT___CT2 23818	35.01 2.47 -0.01	33.14 2.40 -0.01	30.79 2.31 0.00	29.46 2.23 -0.01	30.78 2.25 -0.01	33.17 2.46 -0.01	44.85 3.25 -0.01	45.72 3.58 -0.01	45.53 3.53 -0.01	45.57 3.61 -0.01	45.59 3.30 -4.40	47.17 3.40 -5.10	47.91 3.32 -8.05	48.39 3.35 -9.06	48.79 3.53 -7.28	49.56 3.62 -6.57	50.23 3.70 -7.16	54.88 4.11 -6.56	52.12 4.39 -0.01	59.91 4.89 -0.01	62.78 4.76 -2.63	49.09 3.51 -1.71	44.73 2.75 -5.80	38.56 2.42 -1.54
FRESHKLS_33_KV_LOAD 356253	34.91 2.37 -0.01	33.04 2.31 -0.01	30.79 2.31 -0.01	29.43 2.20 -0.01	30.71 2.20 0.00	33.00 2.30 0.00	44.50 2.91 0.00	45.42 3.29 0.00	45.31 3.32 0.00	45.43 3.48 0.00	41.08 3.18 0.00	41.95 3.28 0.00	39.79 3.25 0.00	39.32 3.35 0.00	41.54 3.57 0.00	43.07 3.70 0.00	43.19 3.82 0.00	48.55 4.33 -0.01	52.22 4.48 -0.01	59.85 4.84 -0.01	60.10 4.71 -0.01	47.43 3.55 -0.01	38.87 2.68 -0.01	36.96 2.35 -0.01
FULTON COGEN____ 23766	31.78 -0.75 0.00	30.02 -0.71 0.00	27.83 -0.66 0.00	26.59 -0.63 0.00	27.89 -0.63 0.00	30.05 -0.64 0.00	40.76 -0.83 0.00	41.24 -0.88 0.00	41.66 -0.88 -0.55	41.73 -0.80 -0.57	37.14 -0.76 0.00	37.85 -0.81 0.00	35.77 -0.77 0.00	35.15 -0.83 0.00	37.10 -0.87 0.00	38.43 -0.94 0.00	38.39 -0.98 0.00	43.15 -1.06 0.00	48.99 -1.10 -2.37	56.53 -1.16 -2.68	56.76 -1.16 -2.53	42.99 -0.88 0.00	35.53 -0.65 0.00	33.90 -0.69 0.00
FULTON___LFGE 323630	34.19 1.66 0.00	32.33 1.60 0.00	29.93 1.45 0.00	28.60 1.39 0.00	30.00 1.48 0.00	32.42 1.72 0.00	44.13 2.54 0.00	44.66 2.53 0.00	44.21 2.22 0.00	44.55 2.06 -0.55	39.57 1.67 0.00	40.70 1.66 -0.38	38.12 1.53 -0.05	37.58 1.40 -0.20	40.50 1.56 -0.97	41.14 1.77 0.00	41.18 1.81 0.00	46.37 2.17 0.00	50.25 2.53 0.00	58.53 3.52 0.00	58.99 3.60 0.00	46.50 2.63 0.00	38.28 2.10 0.00	36.60 2.01 0.00
G.F.CEMENT___DRP 24184	34.58 2.05 0.00	32.70 1.97 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.37 1.85 0.00	32.82 2.12 0.00	44.50 2.91 0.00	45.04 2.91 0.00	44.84 2.86 0.00	44.89 2.94 0.00	40.40 2.50 0.00	41.02 2.36 0.00	38.73 2.19 0.00	38.06 2.09 0.00	40.10 2.13 0.00	41.77 2.40 0.00	41.77 2.40 0.00	46.82 2.61 0.00	50.21 2.48 0.00	58.19 3.19 0.00	58.71 3.32 0.00	46.20 2.33 0.00	38.07 1.88 0.00	36.46 1.87 0.00
GARDENVILLE___LBMP 24039	20.43 -3.38 8.72	16.52 -3.13 11.07	15.70 -2.88 9.90	15.61 -2.67 8.94	16.34 -2.74 9.44	16.63 -3.01 11.06	22.33 -4.16 15.10	22.72 -4.00 15.41	20.12 -3.95 17.92	21.76 -3.69 16.50	21.90 -3.49 12.52	20.38 -3.63 14.64	19.17 -3.54 13.83	19.93 -3.53 12.52	18.33 -3.61 16.04	18.46 -4.13 16.78	20.98 -4.17 14.21	23.06 -4.60 16.55	26.69 -4.92 16.12	40.08 -5.50 9.42	40.10 -5.37 9.91	33.49 -3.90 6.48	31.56 -3.29 1.33	28.89 -3.32 2.39
GARDNVLA_35_KV_LD 355827	20.50 -3.32 8.72	16.59 -3.07 11.07	15.76 -2.82 9.90	15.64 -2.64 8.94	16.81 -2.68 9.02	18.11 -2.98 9.61	24.40 -4.08 13.11	24.87 -3.88 13.38	22.22 -3.78 15.99	23.50 -3.57 14.89	23.71 -3.37 10.81	22.16 -3.56 12.94	21.17 -3.47 11.89	21.59 -3.45 10.93	19.68 -3.53 14.76	20.45 -4.06 14.86	22.91 -4.09 12.36	25.24 -4.47 14.50	28.90 -4.77 14.05	40.89 -5.34 8.77	41.16 -5.21 9.02	34.20 -3.77 5.89	31.79 -3.18 1.21	29.20 -3.22 2.18
GELCKHM___115KV_LOAD 80723	31.14 -0.36 1.04	29.10 -0.31 1.32	26.99 -0.31 1.18	25.88 -0.27 1.06	27.46 -0.29 0.77	30.45 -0.25 0.00	41.30 -0.29 0.00	41.83 -0.29 0.00	41.95 -0.29 -0.25	41.53 -0.21 0.21	37.67 -0.23 0.00	38.10 -0.23 0.33	36.24 -0.26 0.05	35.52 -0.29 0.17	36.84 -0.30 0.83	39.02 -0.35 0.00	38.94 -0.43 0.00	43.77 -0.44 0.00	48.38 -0.43 -1.09	56.36 -0.44 -1.80	56.87 -0.39 -1.87	43.56 -0.31 0.00	35.97 -0.22 0.00	34.35 -0.24 0.00
GENERAL___MILLS 23808	20.50 -3.32 8.72	16.59 -3.07 11.07	15.76 -2.82 9.90	15.67 -2.61 8.94	16.70 -2.68 9.14	17.72 -2.98 10.00	23.87 -4.08 13.65	24.32 -3.88 13.93	21.70 -3.78 16.51	23.06 -3.57 15.32	23.25 -3.37 11.28	21.70 -3.56 13.40	20.65 -3.47 12.42	21.16 -3.45 11.36	19.34 -3.53 15.11	19.93 -4.06 15.38	22.41 -4.09 12.87	24.68 -4.47 15.06	28.34 -4.77 14.61	40.72 -5.34 8.95	40.86 -5.26 9.26	34.00 -3.82 6.05	31.72 -3.22 1.25	29.15 -3.22 2.23
GE_PLASTICS___DRP 24183	33.41 0.88 0.00	31.59 0.86 0.00	29.31 0.83 0.00	28.00 0.79 0.00	29.34 0.83 0.00	31.53 0.83 0.00	42.46 0.87 0.00	43.06 0.93 0.00	42.91 0.92 0.00	42.92 0.96 0.00	38.81 0.91 0.00	39.55 0.89 0.00	37.45 0.91 0.00	36.91 0.94 0.00	38.92 0.95 0.00	40.39 1.02 0.00	40.40 1.02 0.00	45.23 1.02 0.00	48.73 1.00 0.00	56.16 1.16 0.00	56.50 1.11 0.00	44.70 0.83 0.00	36.87 0.69 0.00	35.29 0.69 0.00
GILBOA___1 23756	34.47 0.91 -1.03	32.90 0.86 -1.31	30.51 0.85 -1.17	29.09 0.82 -1.06	30.22 0.94 -0.77	31.59 0.89 0.00	42.71 1.12 0.00	43.39 1.26 0.00	43.25 1.26 0.00	43.71 1.30 -0.46	39.15 1.25 0.00	40.26 1.27 -0.32	37.86 1.28 -0.04	37.44 1.29 -0.17	40.15 1.37 -0.81	40.75 1.38 0.00	40.79 1.42 0.00	45.71 1.50 0.00	49.30 1.57 0.00	56.71 1.71 0.00	57.05 1.66 0.00	45.19 1.31 0.00	37.16 0.98 0.00	35.46 0.87 0.00
GILBOA___2 23757	34.47 0.91 -1.03	32.90 0.86 -1.31	30.51 0.85 -1.17	29.09 0.82 -1.06	30.22 0.94 -0.77	31.59 0.89 0.00	42.71 1.12 0.00	43.39 1.26 0.00	43.25 1.26 0.00	43.71 1.30 -0.46	39.15 1.25 0.00	40.26 1.27 -0.32	37.86 1.28 -0.04	37.44 1.29 -0.17	40.15 1.37 -0.81	40.75 1.38 0.00	40.79 1.42 0.00	45.71 1.50 0.00	49.30 1.57 0.00	56.71 1.71 0.00	57.05 1.66 0.00	45.19 1.31 0.00	37.16 0.98 0.00	35.46 0.87 0.00
GILBOA___3 23758	34.47 0.91 -1.03	32.90 0.86 -1.31	30.51 0.85 -1.17	29.09 0.82 -1.06	30.22 0.94 -0.77	31.59 0.89 0.00	42.71 1.12 0.00	43.39 1.26 0.00	43.25 1.26 0.00	43.71 1.30 -0.46	39.15 1.25 0.00	40.26 1.27 -0.32	37.86 1.28 -0.04	37.44 1.29 -0.17	40.15 1.37 -0.81	40.75 1.38 0.00	40.79 1.42 0.00	45.71 1.50 0.00	49.30 1.57 0.00	56.71 1.71 0.00	57.05 1.66 0.00	45.19 1.31 0.00	37.16 0.98 0.00	35.46 0.87 0.00

GILBOA___4 23759	34.47 0.91 -1.03	32.90 0.86 -1.31	30.51 0.85 -1.17	29.09 0.82 -1.06	30.22 0.94 -0.77	31.59 0.89 0.00	42.71 1.12 0.00	43.39 1.26 0.00	43.25 1.26 0.00	43.71 1.30 -0.46	39.15 1.25 0.00	40.26 1.27 -0.32	37.86 1.28 -0.04	37.44 1.29 -0.17	40.15 1.37 -0.81	40.75 1.38 0.00	40.79 1.42 0.00	45.71 1.50 0.00	49.30 1.57 0.00	56.71 1.71 0.00	57.05 1.66 0.00	45.19 1.31 0.00	37.16 0.98 0.00	35.46 0.87 0.00
GILBOA____ 23599	34.48 0.91 -1.03	32.90 0.86 -1.31	30.51 0.85 -1.17	29.09 0.82 -1.06	30.22 0.94 -0.77	31.62 0.92 0.00	42.71 1.12 0.00	43.39 1.26 0.00	43.25 1.26 0.00	43.71 1.30 -0.46	39.15 1.25 0.00	40.26 1.28 -0.32	37.82 1.24 -0.04	37.44 1.30 -0.17	40.16 1.37 -0.81	40.75 1.38 0.00	40.79 1.42 0.00	45.71 1.50 0.00	49.30 1.57 0.00	56.71 1.71 0.00	57.05 1.66 0.00	45.14 1.27 0.00	37.13 0.94 0.00	35.50 0.90 0.00
GINNA____ 23603	25.23 -3.19 4.11	22.47 -3.04 5.22	20.99 -2.82 4.67	20.41 -2.59 4.21	22.84 -2.62 3.05	28.13 -2.76 -0.20	38.17 -3.70 -0.28	38.96 -3.45 -0.29	39.76 -3.36 -1.13	37.12 -3.19 1.64	35.13 -2.92 -0.15	34.24 -3.09 1.33	33.28 -3.07 0.18	32.10 -3.17 0.71	31.29 -3.30 3.38	36.21 -3.58 -0.42	36.26 -3.62 -0.51	39.68 -3.98 0.55	43.90 -4.25 -0.43	48.85 -4.84 1.31	48.67 -4.82 1.90	40.81 -3.73 -0.67	33.18 -3.15 -0.14	31.77 -3.08 -0.25
GLEN PARK____ 23778	32.63 0.10 0.00	30.70 -0.03 0.00	28.40 -0.09 0.00	27.05 -0.16 0.00	28.29 -0.23 0.00	30.45 -0.25 0.00	41.46 -0.12 0.00	41.92 -0.21 0.00	41.80 -0.46 -0.27	41.52 -0.71 -0.28	37.07 -0.83 0.00	37.93 -0.74 0.00	35.62 -0.91 0.00	34.93 -1.04 0.00	37.10 -0.87 0.00	38.66 -0.71 0.00	38.70 -0.67 0.00	43.72 -0.49 0.00	48.93 0.05 -1.16	57.35 0.93 -1.41	57.52 0.78 -1.36	44.62 0.75 0.00	36.76 0.58 0.00	35.08 0.48 0.00
GLENDALE_27_KV_LOAD 356172	34.61 2.08 0.00	32.73 2.00 0.00	30.51 2.02 -0.01	29.15 1.93 -0.01	30.43 1.91 0.00	32.75 2.06 0.00	44.17 2.58 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.87 3.50 0.00	42.96 3.58 0.00	48.19 3.98 0.00	51.88 4.15 0.00	59.46 4.46 0.00	59.60 4.21 0.00	47.03 3.16 0.00	38.43 2.24 0.00	36.71 2.11 0.00
GLENWOOD_IC_1_G5 23712	34.79 2.24 -0.01	32.89 2.15 -0.01	30.59 2.11 0.00	29.24 2.01 -0.01	30.55 2.02 -0.01	32.95 2.24 -0.01	44.56 2.95 -0.01	45.43 3.29 -0.01	45.36 3.36 -0.01	45.40 3.44 -0.01	46.46 3.18 -5.37	48.22 3.32 -6.23	49.62 3.25 -9.83	50.36 3.31 -11.07	50.37 3.49 -8.90	50.93 3.54 -8.02	51.74 3.62 -8.75	56.20 3.98 -8.02	51.89 4.15 -0.01	59.64 4.62 -0.01	63.09 4.49 -3.21	49.25 3.29 -2.09	45.69 2.42 -7.08	38.76 2.28 -1.88
GLENWOOD_IC_2_G1 23688	34.55 2.02 0.00	32.67 1.94 0.00	30.39 1.91 0.00	29.04 1.82 0.00	30.34 1.83 0.00	32.69 1.99 0.00	44.25 2.66 0.00	45.12 2.99 0.00	45.01 3.02 0.00	45.06 3.10 0.00	41.03 2.88 -0.25	41.97 3.02 -0.29	39.99 3.00 -0.45	39.51 3.02 -0.51	41.58 3.19 -0.41	43.01 3.27 -0.37	43.08 3.31 -0.40	48.25 3.67 -0.37	51.59 3.86 0.00	59.30 4.29 0.00	59.69 4.16 -0.15	46.99 3.02 -0.10	38.79 2.28 -0.33	36.65 1.97 -0.09
GLENWOOD_IC_3_G1 23689	34.55 2.02 0.00	32.67 1.94 0.00	30.39 1.91 0.00	29.04 1.82 0.00	30.34 1.83 0.00	32.69 1.99 0.00	44.25 2.66 0.00	45.12 2.99 0.00	45.01 3.02 0.00	45.06 3.10 0.00	41.03 2.88 -0.25	41.97 3.02 -0.29	39.99 3.00 -0.45	39.51 3.02 -0.51	41.58 3.19 -0.41	43.01 3.27 -0.37	43.08 3.31 -0.40	48.25 3.67 -0.37	51.59 3.86 0.00	59.30 4.29 0.00	59.69 4.16 -0.15	46.99 3.02 -0.10	38.79 2.28 -0.33	36.65 1.97 -0.09
GLENWOOD___4 23550	34.79 2.24 -0.01	32.89 2.15 -0.01	30.59 2.11 0.00	29.24 2.01 -0.01	30.55 2.02 -0.01	32.95 2.24 -0.01	44.56 2.95 -0.01	45.43 3.29 -0.01	45.36 3.36 -0.01	45.40 3.44 -0.01	46.46 3.18 -5.37	48.22 3.32 -6.23	49.62 3.25 -9.83	50.36 3.31 -11.07	50.37 3.49 -8.90	50.93 3.54 -8.02	51.74 3.62 -8.75	56.20 3.98 -8.02	51.89 4.15 -0.01	59.64 4.62 -0.01	63.09 4.49 -3.21	49.25 3.29 -2.09	45.69 2.42 -7.08	38.76 2.28 -1.88
GLENWOOD___5 23614	34.79 2.24 -0.01	32.89 2.15 -0.01	30.59 2.11 0.00	29.24 2.01 -0.01	30.55 2.02 -0.01	32.95 2.24 -0.01	44.56 2.95 -0.01	45.43 3.29 -0.01	45.36 3.36 -0.01	45.40 3.44 -0.01	46.46 3.18 -5.37	48.22 3.32 -6.23	49.62 3.25 -9.83	50.36 3.31 -11.07	50.37 3.49 -8.90	50.93 3.54 -8.02	51.74 3.62 -8.75	56.20 3.98 -8.02	51.89 4.15 -0.01	59.64 4.62 -0.01	63.09 4.49 -3.21	49.25 3.29 -2.09	45.69 2.42 -7.08	38.76 2.28 -1.88
GLOBAL GREEN_PORT_GT1 23814	36.44 3.90 -0.01	34.30 3.56 -0.01	31.81 3.33 0.00	30.57 3.35 -0.01	31.94 3.42 -0.01	34.48 3.77 -0.01	46.42 4.82 -0.01	47.28 5.14 -0.01	45.82 3.82 -0.01	45.57 3.61 -0.01	44.49 3.22 -3.37	45.82 3.25 -3.91	45.92 3.22 -6.17	46.20 3.27 -6.95	47.05 3.49 -5.59	47.99 3.58 -5.04	48.65 3.78 -5.49	54.57 4.24 -6.12	52.63 4.10 -0.80	62.22 4.67 -2.54	65.12 4.65 -5.08	48.66 3.46 -1.32	43.27 2.64 -4.45	38.16 2.39 -1.18
GLOBE___DSASP 323697	20.87 -4.00 7.66	17.28 -3.72 9.73	16.39 -3.39 8.70	16.23 -3.13 7.85	17.63 -3.17 7.72	19.22 -3.53 7.94	25.88 -4.87 10.85	26.34 -4.72 11.07	23.16 -4.66 14.17	24.98 -4.40 12.56	24.86 -4.17 8.87	23.66 -4.33 10.67	22.69 -4.20 9.65	22.89 -4.14 8.95	21.31 -4.22 12.45	21.85 -4.80 12.72	24.20 -4.84 10.33	26.77 -5.44 12.00	30.02 -5.97 11.74	39.32 -7.15 8.53	39.49 -7.09 8.81	33.13 -5.26 5.48	30.70 -4.34 1.14	28.31 -4.26 2.03
GOETHSLN___LBMP 323567	34.29 1.76 0.00	32.42 1.69 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.11 1.60 0.00	32.48 1.78 0.00	43.92 2.33 0.00	44.87 2.74 0.00	44.80 2.81 0.00	44.85 2.89 0.00	40.63 2.73 0.00	41.52 2.86 0.00	39.35 2.81 0.00	38.89 2.91 0.00	41.05 3.08 0.00	42.52 3.15 0.00	42.64 3.27 0.00	47.79 3.58 0.00	51.50 3.77 0.00	59.13 4.13 0.00	59.32 3.93 0.00	46.68 2.81 0.00	38.10 1.92 0.00	36.36 1.76 0.00
GOLAH___69_KV_TB_1_2 80279	25.63 -2.15 4.76	22.66 -2.03 6.04	21.20 -1.88 5.40	20.68 -1.66 4.88	23.06 -1.65 3.81	28.13 -1.75 0.82	39.26 -2.33 0.00	39.98 -2.15 0.00	39.85 -2.14 0.00	37.72 -2.01 2.22	35.93 -1.97 -0.01	35.01 -2.13 1.53	34.22 -2.12 0.20	32.98 -2.19 0.81	31.79 -2.28 3.91	29.83 -2.64 6.91	34.83 -2.72 1.83	40.42 -2.92 0.87	44.67 -3.05 0.00	50.59 -3.36 1.06	50.48 -3.27 1.64	41.50 -2.37 0.00	34.19 -1.99 0.00	32.59 -2.01 0.00
GOODYEAR_LAKE_HYD 323669	36.19 1.17 -2.49	34.99 1.11 -3.16	32.36 1.05 -2.83	30.77 1.01 -2.55	31.45 1.08 -1.85	31.89 1.20 0.00	44.54 2.95 0.00	45.46 3.33 0.00	45.27 3.23 -0.05	47.37 3.27 -2.15	40.82 2.92 0.00	43.33 3.21 -1.46	39.55 2.81 -0.20	39.23 2.48 -0.77	44.57 2.89 -3.71	42.36 2.99 0.00	41.92 2.72 0.17	47.30 3.09 0.00	51.28 3.34 -0.21	60.43 4.51 -0.91	60.78 4.32 -1.07	47.38 3.51 0.00	38.86 2.68 0.00	37.02 2.42 0.00

GOUDEY___1 345031	42.40 0.16 -9.70	43.24 0.18 -12.32	39.68 0.17 -11.02	37.35 0.19 -9.95	35.95 0.23 -7.21	30.63 0.28 0.34	41.51 0.46 0.54	42.17 0.59 0.55	40.48 0.55 2.05	46.84 0.59 -4.31	38.15 0.53 0.28	42.47 0.54 -3.27	37.46 0.47 -0.45	38.15 0.43 -1.74	46.81 0.53 -8.30	39.26 0.39 0.50	39.46 0.35 0.27	43.87 0.44 0.78	48.00 0.52 0.25	55.50 0.77 0.27	55.89 0.72 0.22	43.28 0.61 1.21	36.33 0.40 0.25	34.46 0.31 0.45
GOUDEY___7 23579	42.40 0.16 -9.70	43.24 0.18 -12.32	39.68 0.17 -11.02	37.35 0.19 -9.95	35.95 0.23 -7.21	30.63 0.28 0.34	41.51 0.46 0.54	42.17 0.59 0.55	40.48 0.55 2.05	46.84 0.59 -4.31	38.15 0.53 0.28	42.47 0.54 -3.27	37.46 0.47 -0.45	38.15 0.43 -1.74	46.81 0.53 -8.30	39.26 0.39 0.50	39.46 0.35 0.27	43.87 0.44 0.78	48.00 0.52 0.25	55.50 0.77 0.27	55.89 0.72 0.22	43.28 0.61 1.21	36.33 0.40 0.25	34.46 0.31 0.45
GOUDEY___8 23580	42.40 0.16 -9.70	43.24 0.18 -12.32	39.68 0.17 -11.02	37.35 0.19 -9.95	35.95 0.23 -7.21	30.63 0.28 0.34	41.51 0.46 0.54	42.17 0.59 0.55	40.48 0.55 2.05	46.84 0.59 -4.31	38.15 0.53 0.28	42.47 0.54 -3.27	37.46 0.47 -0.45	38.15 0.43 -1.74	46.81 0.53 -8.30	39.26 0.39 0.50	39.46 0.35 0.27	43.87 0.44 0.78	48.00 0.52 0.25	55.50 0.77 0.27	55.89 0.72 0.22	43.28 0.61 1.21	36.33 0.40 0.25	34.46 0.31 0.45
GOWANUS_GT1_1 24077	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT1_2 24078	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT1_3 24079	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT1_4 24080	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT1_5 24084	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT1_6 24111	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT1_7 24112	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT1_8 24113	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT2_1 24114	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
GOWANUS_GT2_2 24115	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
GOWANUS_GT2_3 24116	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
GOWANUS_GT2_4 24117	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01

GOWANUS_GT2_5 24118	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT2_6 24119	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT2_7 24120	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT2_8 24121	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT3_1 24122	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT3_2 24123	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT3_3 24124	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT3_4 24125	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT3_5 24126	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT3_6 24127	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT3_7 24128	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT3_8 24129	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.81 <u>2.12</u> 0.00	44.25 <u>2.66</u> 0.00	45.20 <u>3.07</u> 0.00	45.14 <u>3.15</u> 0.00	45.23 <u>3.27</u> 0.00	40.93 <u>3.03</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.92 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.33 <u>4.11</u> -0.01	51.93 <u>4.20</u> -0.01	59.57 <u>4.56</u> -0.01	59.77 <u>4.37</u> -0.01	47.17 <u>3.29</u> -0.01	38.62 <u>2.42</u> -0.01	36.75 <u>2.15</u> -0.01
GOWANUS_GT4_1 24130	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.82 <u>2.12</u> 0.00	44.21 <u>2.62</u> 0.00	45.16 <u>3.03</u> 0.00	45.14 <u>3.15</u> 0.00	45.22 <u>3.27</u> 0.00	40.97 <u>3.07</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.91 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.28 <u>4.07</u> -0.01	51.93 <u>4.20</u> -0.01	59.58 <u>4.57</u> -0.01	59.72 <u>4.32</u> -0.01	47.12 <u>3.25</u> -0.01	38.55 <u>2.35</u> -0.01	36.82 <u>2.21</u> -0.01
GOWANUS_GT4_2 24131	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.82 <u>2.12</u> 0.00	44.21 <u>2.62</u> 0.00	45.16 <u>3.03</u> 0.00	45.14 <u>3.15</u> 0.00	45.22 <u>3.27</u> 0.00	40.97 <u>3.07</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.91 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.28 <u>4.07</u> -0.01	51.93 <u>4.20</u> -0.01	59.58 <u>4.57</u> -0.01	59.72 <u>4.32</u> -0.01	47.12 <u>3.25</u> -0.01	38.55 <u>2.35</u> -0.01	36.82 <u>2.21</u> -0.01
GOWANUS_GT4_3 24132	34.72 <u>2.18</u> -0.01	32.83 <u>2.09</u> -0.01	30.60 <u>2.11</u> -0.01	29.24 <u>2.01</u> -0.01	30.51 <u>2.00</u> 0.00	32.82 <u>2.12</u> 0.00	44.21 <u>2.62</u> 0.00	45.16 <u>3.03</u> 0.00	45.14 <u>3.15</u> 0.00	45.22 <u>3.27</u> 0.00	40.97 <u>3.07</u> 0.00	41.83 <u>3.17</u> 0.00	39.68 <u>3.14</u> 0.00	39.22 <u>3.24</u> 0.00	41.39 <u>3.42</u> 0.00	42.91 <u>3.54</u> 0.00	42.99 <u>3.62</u> 0.00	48.28 <u>4.07</u> -0.01	51.93 <u>4.20</u> -0.01	59.58 <u>4.57</u> -0.01	59.72 <u>4.32</u> -0.01	47.12 <u>3.25</u> -0.01	38.55 <u>2.35</u> -0.01	36.82 <u>2.21</u> -0.01

GOWANUS_GT4_4 24133	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT4_5 24134	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT4_6 24135	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT4_7 24136	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GOWANUS_GT4_8 24137	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GREENBSH_115KV_TB3 55895	33.47 0.94 0.00	31.65 0.92 0.00	29.36 0.88 0.00	28.06 0.84 0.00	29.37 0.86 0.00	31.56 0.86 0.00	42.42 0.83 0.00	42.97 0.84 0.00	42.79 0.80 0.00	42.83 0.88 0.00	38.73 0.83 0.00	39.47 0.81 0.00	37.34 0.80 0.00	36.84 0.86 0.00	38.85 0.87 0.00	40.32 0.94 0.00	40.32 0.94 0.00	45.09 0.88 0.00	48.58 0.86 0.00	55.94 0.94 0.00	56.33 0.94 0.00	44.53 0.66 0.00	36.80 0.62 0.00	35.18 0.59 0.00
GREENDGE_115KV_TB5 80291	20.04 -0.94 11.55	15.17 -0.89 14.67	14.48 -0.88 13.12	14.58 -0.79 11.84	22.40 -0.77 5.34	42.01 -0.68 -11.99	57.39 -0.67 -16.46	58.39 -0.55 -16.81	60.70 -0.67 -19.38	49.47 -0.71 -8.23	50.75 -0.83 -13.69	46.90 -0.97 -9.21	49.74 -1.02 -14.23	44.96 -1.12 -10.10	37.01 -1.14 -0.17	52.33 -1.38 -14.34	51.80 -1.34 -13.77	55.04 -1.33 -12.15	64.56 -1.10 -17.93	69.77 -0.88 -15.64	74.44 -0.78 -19.83	50.29 -0.48 -6.90	36.99 -0.62 -1.42	36.45 -0.69 -2.55
GREENIDGE___3 23582	20.04 -0.94 11.55	15.17 -0.89 14.67	14.48 -0.88 13.12	14.58 -0.79 11.84	22.40 -0.77 5.34	42.01 -0.68 -11.99	57.39 -0.67 -16.46	58.39 -0.55 -16.81	60.70 -0.67 -19.38	49.47 -0.71 -8.23	50.75 -0.83 -13.69	46.90 -0.97 -9.21	49.74 -1.02 -14.23	44.96 -1.12 -10.10	37.01 -1.14 -0.17	52.33 -1.38 -14.34	51.80 -1.34 -13.77	55.04 -1.33 -12.15	64.56 -1.10 -17.93	69.77 -0.88 -15.64	74.44 -0.78 -19.83	50.29 -0.48 -6.90	36.99 -0.62 -1.42	36.45 -0.69 -2.55
GREENIDGE___4 23583	20.04 -0.94 11.55	15.17 -0.89 14.67	14.48 -0.88 13.12	14.58 -0.79 11.84	22.40 -0.77 5.34	42.01 -0.68 -11.99	57.35 -0.71 -16.47	58.39 -0.55 -16.81	60.72 -0.67 -19.40	49.47 -0.71 -8.24	50.79 -0.80 -13.69	46.90 -0.97 -9.21	49.74 -1.02 -14.23	44.96 -1.12 -10.10	37.01 -1.14 -0.17	52.33 -1.38 -14.34	51.80 -1.34 -13.77	55.04 -1.33 -12.15	64.56 -1.10 -17.93	69.82 -0.82 -15.64	74.43 -0.78 -19.82	50.24 -0.52 -6.90	36.99 -0.62 -1.42	36.45 -0.69 -2.55
GREENLWN_69_KV_BK 3 55738	34.88 2.34 -0.01	33.01 2.27 -0.01	30.67 2.19 0.00	29.35 2.12 -0.01	30.66 2.14 -0.01	33.07 2.36 -0.01	44.63 3.04 -0.01	45.51 3.37 -0.01	45.32 3.32 -0.01	45.32 3.36 -0.01	44.48 3.15 -3.43	45.89 3.25 -3.98	45.96 3.14 -6.28	46.22 3.17 -7.08	46.93 3.27 -5.69	47.76 3.27 -5.13	48.27 3.31 -5.59	52.20 3.58 -4.41	50.98 3.77 0.52	57.46 4.13 1.67	59.46 4.04 -0.03	48.23 3.03 -1.33	43.21 2.50 -4.53	38.19 2.39 -1.20
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01
GRISSOM___SOLAR 323813	34.16 1.63 0.00	32.27 1.54 0.00	29.88 1.40 0.00	28.57 1.36 0.00	29.94 1.43 0.00	32.35 1.66 0.00	44.00 2.41 0.00	44.53 2.40 0.00	44.13 2.14 0.00	44.43 1.97 -0.51	39.49 1.59 0.00	40.60 1.59 -0.35	38.01 1.42 -0.05	37.50 1.33 -0.19	40.32 1.44 -0.90	41.02 1.65 0.00	41.06 1.69 0.00	46.20 1.99 0.00	50.06 2.34 0.00	58.30 3.30 0.00	58.77 3.38 0.00	46.37 2.50 0.00	38.17 1.99 0.00	36.50 1.90 0.00
GROVEVILLE___HYD 323602	34.35 1.82 0.00	32.48 1.75 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.14 1.63 0.00	32.48 1.78 0.00	44.00 2.41 0.00	44.87 2.74 0.00	44.80 2.81 0.00	44.85 2.89 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.28 2.74 0.00	38.78 2.81 0.00	40.86 2.89 0.00	42.32 2.95 0.00	42.36 2.99 0.00	47.57 3.36 0.00	51.16 3.44 0.00	58.96 3.96 0.00	59.27 3.88 0.00	46.77 2.90 0.00	38.21 2.03 0.00	36.53 1.94 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.09 -0.16 1.28	28.95 -0.15 1.63	26.85 -0.17 1.46	25.76 -0.14 1.31	27.45 -0.11 0.95	30.61 -0.09 0.00	41.55 -0.04 0.00	42.09 -0.04 0.00	42.27 -0.04 -0.32	41.70 0.00 0.25	37.90 0.00 0.00	38.22 -0.04 0.40	36.44 -0.04 0.06	35.65 -0.11 0.21	36.84 -0.11 1.03	39.21 -0.16 0.00	39.14 -0.24 0.00	43.99 -0.22 0.00	48.92 -0.19 -1.38	57.40 -0.11 -2.51	57.99 -0.06 -2.66	43.83 -0.04 0.00	36.19 0.00 0.00	34.53 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	30.56 -0.26 1.71	28.31 -0.25 2.17	26.31 -0.23 1.94	25.24 -0.22 1.75	27.07 -0.17 1.27	30.54 -0.15 0.00	41.46 -0.12 0.00	42.05 -0.08 0.00	42.22 -0.08 -0.31	41.49 0.00 0.46	37.82 -0.08 0.00	38.00 -0.12 0.54	36.31 -0.15 0.08	35.47 -0.22 0.29	36.37 -0.23 1.38	39.06 -0.31 0.00	38.83 -0.35 0.19	43.85 -0.35 0.00	48.76 -0.29 -1.33	57.39 -0.22 -2.61	58.07 -0.11 -2.80	43.78 -0.09 0.00	36.15 -0.04 0.00	34.46 -0.14 0.00

HAMPSHIRE___PAPER_HYD 323593	32.08 -0.46 0.00	30.18 -0.55 0.00	27.88 -0.60 0.00	26.56 -0.65 0.00	27.75 -0.77 0.00	29.90 -0.80 0.00	40.71 -0.88 0.00	40.99 -1.14 0.00	40.82 -1.30 -0.13	40.49 -1.59 -0.13	36.34 -1.56 0.00	36.92 -1.74 0.00	34.75 -1.79 0.00	34.14 -1.83 0.00	36.19 -1.78 0.00	37.72 -1.65 0.00	37.72 -1.65 0.00	42.44 -1.77 0.00	46.94 -1.34 -0.55	54.52 -0.94 -0.46	54.77 -1.00 -0.38	43.17 -0.70 0.00	35.79 -0.40 0.00	34.32 -0.28 0.00
HARDSCRABBLE_WT_PWR 323673	32.99 0.46 0.00	30.91 0.19 0.00	28.45 -0.03 0.00	27.08 -0.14 0.00	28.26 -0.26 0.00	30.33 -0.37 0.00	40.84 -0.75 0.00	41.37 -0.76 0.00	41.15 -0.84 0.00	41.11 -0.84 0.00	37.18 -0.72 0.00	38.08 -0.58 0.00	36.06 -0.48 0.00	35.69 -0.29 0.00	37.86 -0.11 0.00	39.37 0.00 0.00	39.37 0.00 0.00	44.16 -0.04 0.00	47.63 -0.10 0.00	55.11 0.11 0.00	55.56 0.17 0.00	44.09 0.22 0.00	36.65 0.47 0.00	35.08 0.48 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.22 1.69 0.00	32.36 1.63 0.00	30.08 1.59 0.00	28.74 1.52 0.00	30.03 1.51 0.00	32.36 1.66 0.00	43.83 2.25 0.00	44.70 2.57 0.00	44.59 2.60 0.00	44.64 2.68 0.00	40.48 2.58 0.00	41.33 2.67 0.00	39.17 2.63 0.00	38.68 2.70 0.00	40.75 2.77 0.00	42.21 2.83 0.00	42.25 2.87 0.00	47.39 3.18 0.00	51.02 3.29 0.00	58.80 3.80 0.00	59.10 3.71 0.00	46.59 2.72 0.00	38.07 1.88 0.00	36.36 1.76 0.00
HARSNRAD_115KV_TB1 81005	21.24 -3.87 7.42	17.71 -3.60 9.42	16.78 -3.28 8.43	16.59 -3.02 7.61	17.91 -3.05 7.55	19.68 -3.41 7.61	26.47 -4.74 10.37	26.82 -4.72 10.59	24.77 -4.70 12.51	25.69 -4.24 12.02	25.33 -4.02 8.56	24.08 -4.18 10.41	23.05 -4.06 9.43	23.21 -4.03 8.74	21.77 -4.10 12.11	21.40 -4.72 13.24	24.46 -4.72 10.19	27.33 -5.31 11.58	30.61 -6.01 11.10	40.03 -6.93 8.04	41.02 -6.81 7.56	34.25 -5.05 4.58	31.08 -4.16 0.94	28.79 -4.12 1.69
HARZA MOOSE___RIVER 24016	32.92 0.39 0.00	30.94 0.22 0.00	28.62 0.14 0.00	27.21 0.00 0.00	28.46 -0.06 0.00	30.61 -0.09 0.00	41.51 -0.08 0.00	41.96 -0.17 0.00	41.86 -0.25 -0.12	41.66 -0.42 -0.13	37.45 -0.45 0.00	38.20 -0.46 0.00	35.95 -0.58 0.00	35.37 -0.61 0.00	37.52 -0.46 0.00	39.06 -0.31 0.00	39.14 -0.24 0.00	44.12 -0.09 0.00	48.78 0.52 -0.53	56.54 1.10 -0.44	56.75 1.00 -0.37	44.75 0.88 0.00	36.94 0.76 0.00	35.25 0.66 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.17 -0.36 0.00	30.39 -0.34 0.00	28.17 -0.31 0.00	26.91 -0.30 0.00	28.23 -0.29 0.00	30.42 -0.28 0.00	41.30 -0.29 0.00	41.83 -0.29 0.00	41.91 -0.29 -0.21	41.96 -0.21 -0.22	37.67 -0.23 0.00	38.43 -0.23 0.00	36.32 -0.22 0.00	35.69 -0.29 0.00	37.67 -0.30 0.00	39.02 -0.35 0.00	38.94 -0.43 0.00	43.72 -0.49 0.00	48.15 -0.48 -0.90	55.84 -0.44 -1.28	56.24 -0.44 -1.29	43.56 -0.31 0.00	35.97 -0.22 0.00	34.32 -0.28 0.00
HELLGATE_13_KV_LD 55870	34.65 2.11 0.00	32.76 2.03 0.00	30.54 2.05 -0.01	29.18 1.96 -0.01	30.45 1.94 0.00	32.78 2.09 0.00	44.13 2.54 0.00	45.12 2.99 0.00	45.10 3.11 0.00	45.18 3.23 0.00	40.93 3.03 0.00	41.79 3.13 0.00	39.64 3.11 0.00	39.18 3.20 0.00	41.36 3.38 0.00	42.84 3.46 0.00	42.92 3.54 0.00	48.14 3.93 0.00	51.78 4.06 0.00	59.35 4.35 0.00	59.49 4.10 0.00	46.99 3.11 0.00	38.43 2.24 0.00	36.71 2.11 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.65 2.11 0.00	32.76 2.03 0.00	30.54 2.05 -0.01	29.18 1.96 -0.01	30.45 1.94 0.00	32.78 2.09 0.00	44.13 2.54 0.00	45.12 2.99 0.00	45.10 3.11 0.00	45.18 3.23 0.00	40.93 3.03 0.00	41.79 3.13 0.00	39.64 3.11 0.00	39.18 3.20 0.00	41.36 3.38 0.00	42.84 3.46 0.00	42.92 3.54 0.00	48.14 3.93 0.00	51.78 4.06 0.00	59.35 4.35 0.00	59.49 4.10 0.00	46.99 3.11 0.00	38.43 2.24 0.00	36.71 2.11 0.00
HEMPSTEAD____ 23647	34.89 2.34 -0.01	33.02 2.27 -0.01	30.67 2.19 0.00	29.35 2.12 -0.01	30.67 2.14 -0.01	33.04 2.33 -0.01	44.68 3.08 -0.01	45.60 3.46 -0.01	45.40 3.40 -0.01	45.44 3.48 -0.01	45.91 3.22 -4.79	47.58 3.36 -5.56	48.59 3.29 -8.76	49.16 3.31 -9.87	49.40 3.49 -7.93	50.07 3.54 -7.15	50.79 3.62 -7.80	55.38 4.02 -7.15	51.94 4.20 -0.01	59.69 4.67 -0.01	62.85 4.59 -2.86	49.11 3.38 -1.86	45.14 2.64 -6.32	38.59 2.32 -1.68
HICKLING___1 23621	12.29 -1.33 18.91	5.49 -1.23 24.01	5.80 -1.20 21.48	6.71 -1.12 19.39	14.55 -1.11 12.85	32.25 -1.04 -2.60	43.82 -1.25 -3.48	44.49 -1.18 -3.54	37.25 -1.39 3.35	34.40 -1.26 6.29	40.42 -1.17 -3.70	35.97 -1.31 1.37	39.81 -1.32 -4.59	35.80 -1.37 -1.19	24.51 -1.41 12.06	41.80 -1.81 -4.24	42.02 -1.89 -4.54	42.54 -2.03 -0.37	48.96 -1.86 -3.10	51.16 -1.65 2.19	51.73 -1.61 2.05	39.51 -1.05 3.31	34.38 -1.12 0.68	32.20 -1.18 1.22
HICKLING___2 23622	12.29 -1.33 18.91	5.49 -1.23 24.01	5.80 -1.20 21.48	6.71 -1.12 19.39	14.55 -1.11 12.85	32.25 -1.04 -2.60	43.82 -1.25 -3.48	44.49 -1.18 -3.54	37.25 -1.39 3.35	34.40 -1.26 6.29	40.42 -1.17 -3.70	35.97 -1.31 1.37	39.81 -1.32 -4.59	35.80 -1.37 -1.19	24.51 -1.41 12.06	41.80 -1.81 -4.24	42.02 -1.89 -4.54	42.54 -2.03 -0.37	48.96 -1.86 -3.10	51.16 -1.65 2.19	51.73 -1.61 2.05	39.51 -1.05 3.31	34.38 -1.12 0.68	32.20 -1.18 1.22
HIGH FALLS___HY 23754	34.35 1.82 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.11 1.60 0.00	32.48 1.78 0.00	44.08 2.50 0.00	44.99 2.86 0.00	44.89 2.90 0.00	44.85 2.89 0.00	40.55 2.65 0.00	41.44 2.78 0.00	39.28 2.74 0.00	38.75 2.77 0.00	40.82 2.85 0.00	42.28 2.91 0.00	42.36 2.99 0.00	47.66 3.45 0.00	51.35 3.63 0.00	59.18 4.18 0.00	59.49 4.10 0.00	46.99 3.11 0.00	38.32 2.13 0.00	36.60 2.01 0.00
HIGH_RIVER___SOLAR 323847	33.74 1.20 0.00	31.87 1.14 0.00	29.56 1.08 0.00	28.25 1.03 0.00	29.60 1.08 0.00	31.93 1.23 0.00	43.29 1.71 0.00	43.86 1.73 0.00	43.42 1.43 0.00	43.21 1.26 0.00	38.88 0.98 0.00	39.71 1.04 0.00	37.67 1.13 0.00	37.09 1.12 0.00	39.15 1.18 0.00	40.67 1.30 0.00	40.83 1.46 0.00	45.89 1.68 0.00	49.58 1.86 0.00	57.42 2.42 0.00	57.82 2.43 0.00	45.67 1.80 0.00	37.63 1.45 0.00	35.94 1.35 0.00
HILLBURN___GT 23639	34.22 1.69 0.00	32.36 1.63 0.00	30.07 1.59 0.00	28.76 1.55 0.00	30.03 1.51 0.00	32.38 1.69 0.00	43.83 2.24 0.00	44.70 2.57 0.00	44.64 2.65 0.00	44.64 2.69 0.00	40.48 2.58 0.00	41.37 2.71 0.00	39.24 2.70 0.00	38.71 2.73 0.00	40.86 2.88 0.00	42.28 2.91 0.00	42.33 2.95 0.00	47.48 3.27 0.00	51.11 3.39 0.00	58.91 3.91 0.00	59.16 3.77 0.00	46.59 2.72 0.00	38.17 1.99 0.00	36.29 1.69 0.00
HILLSIDE_115KV_TB1 80332	9.28 -1.66 21.60	1.77 -1.54 27.42	2.50 -1.45 24.53	3.71 -1.36 22.14	12.03 -1.34 15.15	31.30 -1.35 -1.96	42.52 -1.66 -2.59	43.13 -1.64 -2.65	37.56 -1.89 2.54	31.96 -1.80 8.18	39.04 -1.63 -2.76	33.47 -1.74 3.45	37.93 -1.72 -3.11	33.86 -1.73 0.39	21.04 -1.75 15.19	40.00 -2.24 -2.88	40.30 -2.32 -3.25	41.17 -2.56 0.48	47.69 -2.43 -2.40	51.40 -2.31 1.29	52.11 -2.33 0.96	39.70 -1.67 2.51	34.08 -1.59 0.52	32.05 -1.63 0.93

HISHELDN_WT_PWR 323625	19.45 -3.15 9.93	15.14 -2.98 12.61	14.38 -2.82 11.28	14.31 -2.72 10.18	12.60 -2.79 13.13	7.10 -3.01 20.59	9.06 -4.33 28.20	9.22 -4.13 28.79	7.79 -4.03 30.17	10.37 -3.90 27.68	10.55 -3.60 23.75	8.62 -3.83 26.21	6.22 -3.73 26.59	9.16 -3.67 23.15	8.74 -3.83 25.40	5.72 -4.25 29.40	8.77 -4.29 26.32	9.36 -4.64 30.20	13.30 -4.82 29.61	36.94 -5.11 12.94	35.81 -5.04 14.54	30.36 -3.64 9.87	31.00 -3.15 2.03	27.81 -3.15 3.64
HOLTSVILLE_IC_1 23690	35.30 2.76 -0.01	33.32 2.58 -0.01	30.93 2.45 0.00	29.64 2.42 -0.01	30.98 2.45 -0.01	33.41 2.70 -0.01	44.96 3.37 -0.01	45.85 3.71 -0.01	45.53 3.53 -0.01	45.48 3.52 -0.01	44.49 3.22 -3.37	45.90 3.33 -3.91	45.95 3.25 -6.16	46.19 3.27 -6.94	47.01 3.46 -5.58	47.90 3.50 -5.03	48.48 3.62 -5.49	54.39 4.02 -6.16	52.77 4.20 -0.84	62.34 4.67 -2.66	65.20 4.59 -5.22	48.70 3.51 -1.32	43.45 2.82 -4.44	38.37 2.60 -1.18
HOLTSVILLE_IC_10 23699	35.47 2.93 -0.01	33.47 2.73 -0.01	31.07 2.59 0.00	29.78 2.56 -0.01	31.12 2.59 -0.01	33.56 2.86 -0.01	45.17 3.58 -0.01	46.01 3.87 -0.01	45.78 3.78 -0.01	45.69 3.73 -0.01	44.70 3.41 -3.39	46.11 3.52 -3.93	46.17 3.43 -6.20	46.45 3.49 -6.99	47.23 3.65 -5.61	48.17 3.74 -5.06	48.75 3.86 -5.52	54.51 4.29 -6.01	52.97 4.54 -0.71	62.25 5.00 -2.24	65.10 4.99 -4.72	48.97 3.77 -1.33	43.69 3.04 -4.47	38.59 2.80 -1.19
HOLTSVILLE_IC_2 23691	35.30 2.76 -0.01	33.32 2.58 -0.01	30.93 2.45 0.00	29.64 2.42 -0.01	30.98 2.45 -0.01	33.41 2.70 -0.01	44.96 3.37 -0.01	45.85 3.71 -0.01	45.53 3.53 -0.01	45.48 3.52 -0.01	44.49 3.22 -3.37	45.90 3.33 -3.91	45.95 3.25 -6.16	46.19 3.27 -6.94	47.01 3.46 -5.58	47.90 3.50 -5.03	48.48 3.62 -5.49	54.39 4.02 -6.16	52.77 4.20 -0.84	62.34 4.67 -2.66	65.20 4.59 -5.22	48.70 3.51 -1.32	43.45 2.82 -4.44	38.37 2.60 -1.18
HOLTSVILLE_IC_3 23692	35.30 2.76 -0.01	33.32 2.58 -0.01	30.93 2.45 0.00	29.64 2.42 -0.01	30.98 2.45 -0.01	33.41 2.70 -0.01	44.96 3.37 -0.01	45.85 3.71 -0.01	45.53 3.53 -0.01	45.48 3.52 -0.01	44.49 3.22 -3.37	45.90 3.33 -3.91	45.95 3.25 -6.16	46.19 3.27 -6.94	47.01 3.46 -5.58	47.90 3.50 -5.03	48.48 3.62 -5.49	54.39 4.02 -6.16	52.77 4.20 -0.84	62.34 4.67 -2.66	65.20 4.59 -5.22	48.70 3.51 -1.32	43.45 2.82 -4.44	38.37 2.60 -1.18
HOLTSVILLE_IC_4 23693	35.30 2.76 -0.01	33.32 2.58 -0.01	30.93 2.45 0.00	29.64 2.42 -0.01	30.98 2.45 -0.01	33.41 2.70 -0.01	44.96 3.37 -0.01	45.85 3.71 -0.01	45.53 3.53 -0.01	45.48 3.52 -0.01	44.49 3.22 -3.37	45.90 3.33 -3.91	45.95 3.25 -6.16	46.19 3.27 -6.94	47.01 3.46 -5.58	47.90 3.50 -5.03	48.48 3.62 -5.49	54.39 4.02 -6.16	52.77 4.20 -0.84	62.34 4.67 -2.66	65.20 4.59 -5.22	48.70 3.51 -1.32	43.45 2.82 -4.44	38.37 2.60 -1.18
HOLTSVILLE_IC_5 23694	35.30 2.76 -0.01	33.32 2.58 -0.01	30.93 2.45 0.00	29.64 2.42 -0.01	30.98 2.45 -0.01	33.41 2.70 -0.01	44.96 3.37 -0.01	45.85 3.71 -0.01	45.53 3.53 -0.01	45.48 3.52 -0.01	44.49 3.22 -3.37	45.90 3.33 -3.91	45.95 3.25 -6.16	46.19 3.27 -6.94	47.01 3.46 -5.58	47.90 3.50 -5.03	48.48 3.62 -5.49	54.39 4.02 -6.16	52.77 4.20 -0.84	62.34 4.67 -2.66	65.20 4.59 -5.22	48.70 3.51 -1.32	43.45 2.82 -4.44	38.37 2.60 -1.18
HOLTSVILLE_IC_6 23695	35.47 2.93 -0.01	33.47 2.73 -0.01	31.07 2.59 0.00	29.78 2.56 -0.01	31.12 2.59 -0.01	33.56 2.86 -0.01	45.17 3.58 -0.01	46.01 3.87 -0.01	45.78 3.78 -0.01	45.69 3.73 -0.01	44.70 3.41 -3.39	46.11 3.52 -3.93	46.17 3.43 -6.20	46.45 3.49 -6.99	47.23 3.65 -5.61	48.17 3.74 -5.06	48.75 3.86 -5.52	54.51 4.29 -6.01	52.97 4.54 -0.71	62.25 5.00 -2.24	65.10 4.99 -4.72	48.97 3.77 -1.33	43.69 3.04 -4.47	38.59 2.80 -1.19
HOLTSVILLE_IC_7 23696	35.47 2.93 -0.01	33.47 2.73 -0.01	31.07 2.59 0.00	29.78 2.56 -0.01	31.12 2.59 -0.01	33.56 2.86 -0.01	45.17 3.58 -0.01	46.01 3.87 -0.01	45.78 3.78 -0.01	45.69 3.73 -0.01	44.70 3.41 -3.39	46.11 3.52 -3.93	46.17 3.43 -6.20	46.45 3.49 -6.99	47.23 3.65 -5.61	48.17 3.74 -5.06	48.75 3.86 -5.52	54.51 4.29 -6.01	52.97 4.54 -0.71	62.25 5.00 -2.24	65.10 4.99 -4.72	48.97 3.77 -1.33	43.69 3.04 -4.47	38.59 2.80 -1.19
HOLTSVILLE_IC_8 23697	35.47 2.93 -0.01	33.47 2.73 -0.01	31.07 2.59 0.00	29.78 2.56 -0.01	31.12 2.59 -0.01	33.56 2.86 -0.01	45.17 3.58 -0.01	46.01 3.87 -0.01	45.78 3.78 -0.01	45.69 3.73 -0.01	44.70 3.41 -3.39	46.11 3.52 -3.93	46.17 3.43 -6.20	46.45 3.49 -6.99	47.23 3.65 -5.61	48.17 3.74 -5.06	48.75 3.86 -5.52	54.51 4.29 -6.01	52.97 4.54 -0.71	62.25 5.00 -2.24	65.10 4.99 -4.72	48.97 3.77 -1.33	43.69 3.04 -4.47	38.59 2.80 -1.19
HOLTSVILLE_IC_9 23698	35.47 2.93 -0.01	33.47 2.73 -0.01	31.07 2.59 0.00	29.78 2.56 -0.01	31.12 2.59 -0.01	33.56 2.86 -0.01	45.17 3.58 -0.01	46.01 3.87 -0.01	45.78 3.78 -0.01	45.69 3.73 -0.01	44.70 3.41 -3.39	46.11 3.52 -3.93	46.17 3.43 -6.20	46.45 3.49 -6.99	47.23 3.65 -5.61	48.17 3.74 -5.06	48.75 3.86 -5.52	54.51 4.29 -6.01	52.97 4.54 -0.71	62.25 5.00 -2.24	65.10 4.99 -4.72	48.97 3.77 -1.33	43.69 3.04 -4.47	38.59 2.80 -1.19
HOMER_HL_115KV_TB2 355744	20.64 -1.72 10.17	16.22 -1.60 12.91	15.45 -1.48 11.55	15.40 -1.39 10.43	17.51 -1.40 9.61	21.14 -1.50 8.05	28.60 -2.00 10.99	29.05 -1.85 11.22	25.44 -1.93 14.62	26.27 -1.80 13.88	27.33 -1.63 8.94	25.45 -1.74 11.47	25.04 -1.75 9.74	24.88 -1.73 9.37	21.75 -1.71 14.51	24.89 -2.20 12.28	27.00 -2.24 10.13	29.30 -2.43 12.47	33.54 -2.29 11.90	44.49 -2.15 8.36	44.54 -2.10 8.74	36.71 -1.45 5.71	33.63 -1.38 1.18	31.04 -1.45 2.11
HOWARD_WT_PWR 323690	17.02 -2.31 13.20	11.72 -2.24 16.76	11.23 -2.25 15.00	11.50 -2.18 13.54	24.52 -2.25 1.74	59.35 -2.18 -30.83	81.09 -2.87 -42.37	82.69 -2.70 -43.26	92.72 -2.90 -53.63	67.93 -2.94 -28.92	69.86 -2.84 -34.80	63.52 -3.13 -27.99	69.68 -3.00 -36.14	60.75 -3.06 -27.83	47.82 -3.42 -13.26	72.05 -3.62 -36.30	70.42 -3.43 -34.47	78.09 -3.49 -37.38	90.41 -3.25 -45.93	78.98 -3.13 -27.11	86.86 -2.99 -34.46	62.07 -2.06 -20.26	38.44 -1.92 -4.17	40.14 -1.94 -7.48
HQ_GEN_CEDARS 23644	32.50 -0.03 0.00	30.64 -0.09 0.00	28.34 -0.14 0.00	27.08 -0.14 0.00	28.32 -0.20 0.00	30.54 -0.15 0.00	41.63 0.04 0.00	42.13 0.00 0.00	42.03 0.04 0.00	41.78 -0.17 0.00	37.71 -0.19 0.00	38.47 -0.19 0.00	36.28 -0.26 0.00	35.69 -0.29 0.00	37.67 -0.30 0.00	39.17 -0.20 0.00	39.14 -0.24 0.00	43.99 -0.22 0.00	47.53 -0.19 0.00	54.78 -0.22 0.00	55.22 -0.17 0.00	43.78 -0.09 0.00	36.11 -0.07 0.00	34.67 0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	32.50 -0.03 0.00	30.64 -0.09 0.00	28.34 -0.14 0.00	27.08 -0.14 0.00	28.32 -0.20 0.00	30.54 -0.15 0.00	41.63 0.04 0.00	44.19 0.00 -2.06	39.97 0.04 2.06	41.78 -0.17 0.00	37.67 -0.23 0.00	38.47 -0.19 0.00	36.28 -0.25 0.00	35.69 -0.29 0.00	37.67 -0.31 0.00	39.17 -0.20 0.00	39.14 -0.23 0.00	43.99 -0.22 0.00	47.53 -0.19 0.00	54.78 -0.22 0.00	55.22 -0.17 0.00	43.78 -0.09 0.00	36.15 -0.04 0.00	34.67 0.07 0.00

HQ_GEN_CHPE_PROXY 323851	34.38 1.85 0.00	32.51 1.78 0.00	30.30 1.82 0.00	28.96 1.74 0.00	30.23 1.71 0.00	32.57 1.87 0.00	44.04 2.45 0.00	47.01 2.82 -2.06	42.83 2.90 2.06	44.93 2.98 0.00	40.70 2.80 0.00	41.60 2.94 0.00	39.46 2.92 0.00	38.96 2.98 0.00	41.13 3.15 0.00	42.60 3.23 0.00	42.68 3.31 0.00	47.92 3.71 0.00	51.54 3.82 0.00	59.18 4.18 0.00	59.43 4.04 0.00	46.81 2.94 0.00	38.32 2.13 0.00	36.39 1.80 0.00
HQ_GEN_IMPORT 323601	32.53 0.00 0.00	30.73 0.00 0.00	28.45 -0.03 0.00	27.19 -0.03 0.00	28.49 -0.03 0.00	30.67 -0.03 0.00	41.59 0.00 0.00	44.19 0.00 -2.06	39.93 0.00 2.06	41.91 -0.04 0.00	37.86 -0.04 0.00	38.62 -0.04 0.00	36.46 -0.07 0.00	35.91 -0.07 0.00	37.90 -0.08 0.00	39.33 -0.04 0.00	39.33 -0.04 0.00	44.16 -0.04 0.00	47.72 0.00 0.00	54.95 -0.05 0.00	55.33 -0.06 0.00	43.87 0.00 0.00	36.19 0.00 0.00	34.63 0.03 0.00
HQ_GEN_WHEEL 23651	32.53 0.00 0.00	30.73 0.00 0.00	28.45 -0.03 0.00	27.19 -0.03 0.00	28.49 -0.03 0.00	30.67 -0.03 0.00	41.59 0.00 0.00	44.19 0.00 -2.06	39.93 0.00 2.06	41.91 -0.04 0.00	37.86 -0.04 0.00	38.62 -0.04 0.00	36.46 -0.07 0.00	35.91 -0.07 0.00	37.90 -0.08 0.00	39.33 -0.04 0.00	39.33 -0.04 0.00	44.16 -0.04 0.00	47.72 0.00 0.00	54.95 -0.05 0.00	55.33 -0.06 0.00	43.87 0.00 0.00	36.19 0.00 0.00	34.63 0.03 0.00
HUDSON AVE_GT_3 23810	34.48 1.95 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.63 1.93 0.00	44.13 2.54 0.00	45.08 2.95 0.00	45.01 3.02 0.00	45.10 3.15 0.00	40.86 2.96 0.00	41.72 3.05 0.00	39.57 3.03 0.00	39.07 3.09 0.00	41.28 3.30 0.00	42.76 3.39 0.00	42.84 3.46 0.00	48.05 3.85 0.00	51.73 4.01 0.00	59.40 4.40 0.00	59.60 4.21 0.00	46.90 3.03 0.00	38.32 2.13 0.00	36.53 1.94 0.00
HUDSON AVE_GT_4 23540	34.48 1.95 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.63 1.93 0.00	44.13 2.54 0.00	45.08 2.95 0.00	45.01 3.02 0.00	45.10 3.15 0.00	40.86 2.96 0.00	41.72 3.05 0.00	39.57 3.03 0.00	39.07 3.09 0.00	41.28 3.30 0.00	42.76 3.39 0.00	42.84 3.46 0.00	48.05 3.85 0.00	51.73 4.01 0.00	59.40 4.40 0.00	59.60 4.21 0.00	46.90 3.03 0.00	38.32 2.13 0.00	36.53 1.94 0.00
HUDSON AVE_GT_5 23657	34.48 1.95 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.63 1.93 0.00	44.13 2.54 0.00	45.08 2.95 0.00	45.01 3.02 0.00	45.10 3.15 0.00	40.86 2.96 0.00	41.72 3.05 0.00	39.57 3.03 0.00	39.07 3.09 0.00	41.28 3.30 0.00	42.76 3.39 0.00	42.84 3.46 0.00	48.05 3.85 0.00	51.73 4.01 0.00	59.40 4.40 0.00	59.60 4.21 0.00	46.90 3.03 0.00	38.32 2.13 0.00	36.53 1.94 0.00
HUDSON_AVE_10 24168	34.39 1.85 0.00	32.41 1.69 0.01	30.17 1.71 0.02	28.83 1.63 0.02	30.10 1.60 0.02	32.47 1.78 0.01	43.96 2.37 0.00	44.95 2.82 0.00	44.89 2.90 0.00	44.93 2.98 0.00	40.70 2.80 0.00	41.56 2.90 0.00	39.42 2.89 0.00	38.93 2.95 0.00	41.13 3.15 0.00	42.60 3.23 0.00	42.68 3.31 0.00	47.92 3.71 0.00	51.59 3.87 0.00	59.18 4.18 0.00	59.38 3.99 0.00	46.77 2.90 0.00	38.14 1.95 0.00	36.36 1.76 0.00
HUDSON___115KV_TB 4 355613	33.99 1.46 0.00	32.14 1.41 0.00	29.79 1.31 0.00	28.47 1.25 0.00	29.80 1.28 0.00	32.05 1.35 0.00	43.21 1.62 0.00	43.73 1.60 0.00	43.46 1.47 0.00	43.34 1.38 0.00	39.11 1.21 0.00	39.78 1.12 0.00	37.60 1.06 0.00	37.09 1.12 0.00	39.08 1.10 0.00	40.59 1.22 0.00	40.71 1.34 0.00	45.67 1.46 0.00	49.30 1.57 0.00	56.93 1.93 0.00	57.38 1.99 0.00	45.36 1.49 0.00	37.45 1.27 0.00	35.81 1.21 0.00
HUNTER MOUNT___DRP 323613	34.09 1.56 0.00	32.24 1.51 0.00	29.88 1.40 0.00	28.55 1.33 0.00	29.88 1.37 0.00	32.14 1.44 0.00	43.34 1.75 0.00	43.90 1.77 0.00	43.54 1.55 0.00	43.46 1.51 0.00	39.15 1.25 0.00	39.86 1.20 0.00	37.63 1.10 0.00	37.13 1.15 0.00	39.04 1.06 0.00	40.59 1.22 0.00	40.71 1.34 0.00	45.71 1.50 0.00	49.35 1.62 0.00	56.98 1.98 0.00	57.49 2.10 0.00	45.54 1.67 0.00	37.52 1.34 0.00	35.91 1.31 0.00
HUNTINGTON_RES_REC 323705	35.14 2.60 -0.01	33.20 2.46 -0.01	30.82 2.34 0.00	29.51 2.29 -0.01	30.83 2.31 -0.01	33.25 2.55 -0.01	44.84 3.25 -0.01	45.72 3.58 -0.01	45.48 3.48 -0.01	45.44 3.48 -0.01	44.52 3.22 -3.40	45.93 3.33 -3.94	46.00 3.25 -6.21	46.25 3.27 -7.00	46.98 3.38 -5.62	47.86 3.42 -5.07	48.41 3.50 -5.53	53.17 3.89 -5.07	51.84 4.10 -0.01	59.52 4.51 -0.01	61.91 4.48 -2.03	48.57 3.38 -1.32	43.45 2.79 -4.48	38.31 2.52 -1.19
HUNTLEY___63 23557	21.04 -3.48 8.01	17.34 -3.23 10.16	16.45 -2.93 9.09	16.29 -2.72 8.21	17.48 -2.79 8.24	19.03 -3.10 8.57	25.66 -4.24 11.69	26.06 -4.13 11.94	23.83 -4.03 14.13	24.92 -3.65 13.38	24.80 -3.45 9.65	23.40 -3.63 11.63	22.36 -3.54 10.63	22.61 -3.56 9.80	20.97 -3.65 13.36	21.07 -4.21 14.08	23.90 -4.21 11.26	26.62 -4.60 12.99	30.05 -5.15 12.52	41.08 -5.78 8.14	41.77 -5.71 7.92	34.53 -4.17 5.17	31.65 -3.47 1.06	29.19 -3.49 1.91
HUNTLEY___64 23558	21.04 -3.48 8.01	17.34 -3.23 10.16	16.45 -2.93 9.09	16.29 -2.72 8.21	17.48 -2.79 8.24	19.03 -3.10 8.57	25.66 -4.24 11.69	26.06 -4.13 11.94	23.83 -4.03 14.13	24.92 -3.65 13.38	24.80 -3.45 9.65	23.40 -3.63 11.63	22.36 -3.54 10.63	22.61 -3.56 9.80	20.97 -3.65 13.36	21.07 -4.21 14.08	23.90 -4.21 11.26	26.62 -4.60 12.99	30.05 -5.15 12.52	41.08 -5.78 8.14	41.77 -5.71 7.92	34.53 -4.17 5.17	31.65 -3.47 1.06	29.19 -3.49 1.91
HUNTLEY___65 23559	21.04 -3.48 8.01	17.34 -3.23 10.16	16.45 -2.93 9.09	16.29 -2.72 8.21	17.48 -2.79 8.24	19.03 -3.10 8.57	25.66 -4.24 11.69	26.06 -4.13 11.94	23.83 -4.03 14.13	24.92 -3.65 13.38	24.80 -3.45 9.65	23.40 -3.63 11.63	22.36 -3.54 10.63	22.61 -3.56 9.80	20.97 -3.65 13.36	21.07 -4.21 14.08	23.90 -4.21 11.26	26.62 -4.60 12.99	30.05 -5.15 12.52	41.08 -5.78 8.14	41.77 -5.71 7.92	34.53 -4.17 5.17	31.65 -3.47 1.06	29.19 -3.49 1.91
HUNTLEY___66 23560	21.04 -3.48 8.01	17.34 -3.23 10.16	16.45 -2.93 9.09	16.29 -2.72 8.21	17.48 -2.79 8.24	19.03 -3.10 8.57	25.66 -4.24 11.69	26.06 -4.13 11.94	23.83 -4.03 14.13	24.92 -3.65 13.38	24.80 -3.45 9.65	23.40 -3.63 11.63	22.36 -3.54 10.63	22.61 -3.56 9.80	20.97 -3.65 13.36	21.07 -4.21 14.08	23.90 -4.21 11.26	26.62 -4.60 12.99	30.05 -5.15 12.52	41.08 -5.78 8.14	41.77 -5.71 7.92	34.53 -4.17 5.17	31.65 -3.47 1.06	29.19 -3.49 1.91
HUNTLEY___67 23561	20.55 -3.74 8.24	16.79 -3.47 10.46	15.96 -3.16 9.36	15.83 -2.94 8.45	16.88 -2.99 8.64	17.79 -3.32 9.59	23.92 -4.57 13.09	24.34 -4.42 13.36	21.47 -4.37 16.15	23.19 -4.11 14.65	23.20 -3.90 10.80	21.87 -4.02 12.77	20.77 -3.91 11.85	21.26 -3.89 10.83	19.63 -3.99 14.36	19.99 -4.53 14.85	22.43 -4.57 12.37	24.72 -5.08 14.41	28.18 -5.49 14.05	39.89 -6.27 8.84	40.00 -6.20 9.19	33.31 -4.56 6.00	31.15 -3.80 1.24	28.61 -3.77 2.22



HUNTLEY___68 23562	20.55 -3.74 8.24	16.79 -3.47 10.46	15.96 -3.16 9.36	15.83 -2.94 8.45	16.88 -2.99 8.64	17.79 -3.32 9.59	23.92 -4.57 13.09	24.34 -4.42 13.36	21.47 -4.37 16.15	23.19 -4.11 14.65	23.20 -3.90 10.80	21.87 -4.02 12.77	20.77 -3.91 11.85	21.26 -3.89 10.83	19.63 -3.99 14.36	19.99 -4.53 14.85	22.43 -4.57 12.37	24.72 -5.08 14.41	28.18 -5.49 14.05	39.89 -6.27 8.84	40.00 -6.20 9.19	33.31 -4.56 6.00	31.15 -3.80 1.24	28.61 -3.77 2.22
HYLAND___LFGE 323620	22.11 -1.04 9.38	17.74 -1.08 11.91	16.74 -1.08 10.66	16.70 -0.90 9.62	28.11 -0.83 -0.43	58.79 -0.65 -28.74	79.14 -1.95 -39.50	80.70 -1.77 -40.33	91.55 -2.27 -51.82	67.96 -2.35 -28.36	67.53 -2.61 -32.25	62.11 -3.09 -26.54	66.68 -3.11 -33.25	58.79 -3.17 -25.98	49.08 -3.30 -14.40	69.65 -3.54 -33.82	67.17 -3.27 -31.06	77.37 -3.18 -36.34	87.78 -2.77 -42.82	78.07 -2.20 -25.27	85.33 -1.94 -31.88	63.96 -0.04 -20.13	40.00 -0.33 -4.15	41.47 -0.55 -7.43
INDECK___CORINTH 23802	34.45 1.92 0.00	32.57 1.84 0.00	30.22 1.74 0.00	28.87 1.66 0.00	30.25 1.74 0.00	32.69 1.99 0.00	44.33 2.74 0.00	44.91 2.78 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.25 2.35 0.00	40.86 2.20 0.00	38.54 2.01 0.00	37.92 1.94 0.00	39.95 1.97 0.00	41.57 2.20 0.00	41.58 2.20 0.00	46.59 2.39 0.00	49.97 2.24 0.00	57.86 2.86 0.00	58.38 2.99 0.00	45.98 2.11 0.00	37.92 1.74 0.00	36.39 1.80 0.00
INDECK___ILION 23567	33.12 0.59 0.00	31.04 0.31 0.00	28.59 0.11 0.00	27.19 -0.03 0.00	28.40 -0.11 0.00	30.48 -0.21 0.00	40.96 -0.62 0.00	41.46 -0.67 0.00	41.28 -0.71 0.00	41.24 -0.71 0.00	37.29 -0.61 0.00	38.16 -0.50 0.00	36.17 -0.37 0.00	35.80 -0.18 0.00	37.98 0.00 0.00	39.49 0.12 0.00	39.49 0.12 0.00	44.30 0.09 0.00	47.77 0.05 0.00	55.28 0.28 0.00	55.72 0.33 0.00	44.22 0.35 0.00	36.80 0.62 0.00	35.22 0.62 0.00
INDECK___OLEAN 23982	20.64 -1.73 10.17	16.22 -1.60 12.91	15.44 -1.48 11.55	15.40 -1.39 10.43	17.51 -1.40 9.61	21.14 -1.50 8.05	28.54 -2.00 11.06	28.99 -1.85 11.29	25.21 -1.89 14.89	26.24 -1.76 13.95	27.37 -1.56 8.98	25.49 -1.70 11.47	25.08 -1.72 9.74	24.88 -1.73 9.37	21.75 -1.71 14.51	24.93 -2.17 12.28	27.00 -2.24 10.13	29.30 -2.43 12.47	33.59 -2.24 11.90	44.55 -2.09 8.36	44.54 -2.10 8.74	36.71 -1.45 5.71	33.67 -1.34 1.18	31.07 -1.42 2.11
INDECK___OSWEGO 23783	31.75 -0.78 0.00	29.99 -0.74 0.00	27.80 -0.68 0.00	26.56 -0.65 0.00	27.83 -0.68 0.00	29.99 -0.70 0.00	40.63 -0.95 0.00	41.08 -1.05 0.00	41.64 -1.05 -0.70	41.62 -1.05 -0.72	36.95 -0.95 0.00	37.70 -0.97 0.00	35.59 -0.95 0.00	35.01 -0.97 0.00	36.95 -1.02 0.00	38.27 -1.10 0.00	38.27 -1.10 0.00	42.97 -1.24 0.00	49.41 -1.29 -2.97	56.88 -1.37 -3.25	57.09 -1.33 -3.03	42.82 -1.05 0.00	35.35 -0.83 0.00	33.84 -0.76 0.00
INDECK___YERKES 23781	21.05 -3.48 8.01	17.37 -3.20 10.16	16.48 -2.91 9.09	16.29 -2.72 8.21	17.51 -2.77 8.24	19.06 -3.07 8.57	25.38 -4.45 11.75	25.88 -4.25 12.00	23.66 -3.95 14.38	24.90 -3.61 13.44	24.96 -3.26 9.68	23.48 -3.56 11.63	22.36 -3.54 10.63	22.65 -3.52 9.80	21.00 -3.61 13.36	21.11 -4.17 14.08	23.94 -4.17 11.26	26.62 -4.60 12.99	30.10 -5.11 12.52	41.08 -5.77 8.14	41.71 -5.76 7.92	34.53 -4.17 5.17	31.68 -3.44 1.06	29.20 -3.49 1.91
INDIAN POINT_GT_1 24139	34.26 1.72 0.00	32.39 1.66 0.00	30.13 1.65 0.00	28.79 1.58 0.00	30.05 1.54 0.00	32.42 1.72 0.00	43.88 2.29 0.00	44.74 2.61 0.00	44.68 2.69 0.00	44.72 2.77 0.00	40.52 2.62 0.00	41.41 2.74 0.00	39.24 2.70 0.00	38.75 2.77 0.00	40.94 2.96 0.00	42.40 3.03 0.00	42.44 3.07 0.00	47.57 3.36 0.00	51.21 3.48 0.00	58.96 3.96 0.00	59.16 3.77 0.00	46.59 2.72 0.00	38.10 1.92 0.00	36.36 1.76 0.00
INDIAN POINT_GT_2 23659	34.26 1.72 0.00	32.39 1.66 0.00	30.13 1.65 0.00	28.79 1.58 0.00	30.05 1.54 0.00	32.42 1.72 0.00	43.88 2.29 0.00	44.74 2.61 0.00	44.68 2.69 0.00	44.72 2.77 0.00	40.52 2.62 0.00	41.41 2.74 0.00	39.24 2.70 0.00	38.75 2.77 0.00	40.94 2.96 0.00	42.40 3.03 0.00	42.44 3.07 0.00	47.57 3.36 0.00	51.21 3.48 0.00	58.96 3.96 0.00	59.16 3.77 0.00	46.59 2.72 0.00	38.10 1.92 0.00	36.36 1.76 0.00
INDIAN POINT_GT_3 24019	34.26 1.72 0.00	32.39 1.66 0.00	30.13 1.65 0.00	28.79 1.58 0.00	30.05 1.54 0.00	32.42 1.72 0.00	43.88 2.29 0.00	44.74 2.61 0.00	44.68 2.69 0.00	44.72 2.77 0.00	40.52 2.62 0.00	41.41 2.74 0.00	39.24 2.70 0.00	38.75 2.77 0.00	40.94 2.96 0.00	42.40 3.03 0.00	42.44 3.07 0.00	47.57 3.36 0.00	51.21 3.48 0.00	58.96 3.96 0.00	59.16 3.77 0.00	46.59 2.72 0.00	38.10 1.92 0.00	36.36 1.76 0.00
INDIAN POINT___2 23530	34.19 1.66 0.00	32.33 1.60 0.00	30.07 1.59 0.00	28.74 1.52 0.00	30.03 1.51 0.00	32.35 1.66 0.00	43.79 2.20 0.00	44.66 2.53 0.00	44.55 2.56 0.00	44.60 2.64 0.00	40.40 2.50 0.00	41.29 2.63 0.00	39.17 2.63 0.00	38.68 2.70 0.00	40.83 2.85 0.00	42.24 2.87 0.00	42.33 2.95 0.00	47.43 3.23 0.00	51.06 3.34 0.00	58.79 3.79 0.00	59.10 3.71 0.00	46.55 2.68 0.00	38.10 1.92 0.00	36.22 1.63 0.00
INDIAN POINT___3 23531	34.19 1.66 0.00	32.33 1.60 0.00	30.08 1.59 0.00	28.74 1.52 0.00	30.03 1.51 0.00	32.36 1.66 0.00	43.79 2.20 0.00	44.66 2.53 0.00	44.59 2.60 0.00	44.59 2.64 0.00	40.44 2.54 0.00	41.29 2.63 0.00	39.17 2.63 0.00	38.68 2.70 0.00	40.82 2.85 0.00	42.24 2.87 0.00	42.33 2.95 0.00	47.44 3.23 0.00	51.07 3.34 0.00	58.80 3.80 0.00	59.05 3.66 0.00	46.50 2.63 0.00	38.03 1.85 0.00	36.33 1.73 0.00
INDIANHDD_69_KV_BK1 55831	35.27 2.73 -0.01	33.29 2.55 -0.01	30.93 2.45 0.00	29.62 2.39 -0.01	30.95 2.42 -0.01	33.38 2.67 -0.01	44.97 3.37 -0.01	45.85 3.71 -0.01	45.61 3.61 -0.01	45.57 3.61 -0.01	44.63 3.34 -3.39	46.04 3.44 -3.94	46.07 3.32 -6.21	46.32 3.35 -7.00	47.13 3.53 -5.62	48.02 3.58 -5.07	48.56 3.66 -5.53	53.49 4.07 -5.21	52.14 4.30 -0.12	60.14 4.79 -0.36	62.55 4.71 -2.45	48.75 3.55 -1.32	43.48 2.82 -4.48	38.52 2.73 -1.19
INGHAM_C_115KV_TB7 356103	33.12 0.59 0.00	31.04 0.31 0.00	28.59 0.11 0.00	27.19 -0.03 0.00	28.40 -0.11 0.00	30.48 -0.21 0.00	40.96 -0.62 0.00	41.46 -0.67 0.00	41.28 -0.71 0.00	41.24 -0.71 0.00	37.29 -0.61 0.00	38.16 -0.50 0.00	36.17 -0.37 0.00	35.80 -0.18 0.00	37.98 0.00 0.00	39.49 0.12 0.00	39.49 0.12 0.00	44.30 0.09 0.00	47.77 0.05 0.00	55.28 0.28 0.00	55.72 0.33 0.00	44.22 0.35 0.00	36.80 0.62 0.00	35.22 0.62 0.00
IP CORINTH___1 23988	34.45 1.92 0.00	32.57 1.84 0.00	30.22 1.74 0.00	28.87 1.66 0.00	30.25 1.74 0.00	32.69 2.00 0.00	44.33 2.74 0.00	44.87 2.74 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.25 2.35 0.00	40.86 2.20 0.00	38.55 2.01 0.00	37.92 1.94 0.00	39.95 1.97 0.00	41.58 2.20 0.00	41.58 2.20 0.00	46.60 2.39 0.00	49.97 2.24 0.00	57.86 2.86 0.00	58.38 2.99 0.00	45.98 2.11 0.00	37.89 1.70 0.00	36.29 1.70 0.00

IP__TICONDEROGA 23804	35.36 2.83 0.00	33.46 2.73 0.00	30.99 2.51 0.00	29.64 2.42 0.00	31.02 2.51 0.00	33.64 2.95 0.00	45.66 4.08 0.00	46.05 3.92 0.00	45.98 3.99 0.00	45.98 4.03 0.00	41.31 3.41 0.00	41.79 3.13 0.00	39.35 2.81 0.00	38.68 2.70 0.00	40.71 2.73 0.00	42.48 3.11 0.00	42.52 3.15 0.00	47.79 3.58 0.00	51.30 3.58 0.00	59.84 4.84 0.00	60.49 5.10 0.00	47.47 3.60 0.00	39.12 2.93 0.00	37.40 2.80 0.00
ISLIP_RES_REC 323679	35.57 3.03 -0.01	33.56 2.83 -0.01	31.16 2.68 0.00	29.86 2.64 -0.01	31.20 2.68 -0.01	33.65 2.95 -0.01	45.34 3.74 -0.01	46.18 4.04 -0.01	45.94 3.95 -0.01	45.86 3.90 -0.01	44.91 3.60 -3.40	46.28 3.67 -3.95	46.34 3.58 -6.23	46.62 3.63 -7.01	47.44 3.83 -5.64	48.39 3.94 -5.08	48.97 4.06 -5.54	54.74 4.51 -6.02	53.15 4.73 -0.70	62.49 5.28 -2.20	65.34 5.26 -4.68	49.20 3.99 -1.33	43.86 3.19 -4.49	38.70 2.91 -1.19
JAMAICA__27_KV_LOAD 355505	34.58 2.05 0.00	32.50 1.78 0.01	30.26 1.79 0.02	28.91 1.71 0.02	30.18 1.68 0.02	32.53 1.84 0.01	44.08 2.50 0.00	45.16 3.03 0.00	45.10 3.11 0.00	45.18 3.23 0.00	40.89 2.99 0.00	41.75 3.09 0.00	39.57 3.03 0.00	39.11 3.13 0.00	41.32 3.34 0.00	42.84 3.46 0.00	42.92 3.54 0.00	48.23 4.02 0.00	51.92 4.20 0.00	59.46 4.46 0.00	59.65 4.27 0.00	47.12 3.25 0.00	38.32 2.13 0.00	36.46 1.87 0.00
JANIS__SOLAR 323808	33.57 1.04 0.00	31.71 0.98 0.00	29.36 0.88 0.00	28.06 0.84 0.00	29.95 0.91 -0.52	33.35 1.07 -1.58	45.55 1.71 -2.25	46.28 1.85 -2.30	44.93 1.64 -1.30	45.35 1.47 -1.93	40.88 0.95 -2.03	41.77 0.93 -2.18	39.68 0.66 -2.48	38.48 0.47 -2.03	40.37 0.76 -1.63	42.39 0.87 -2.15	42.40 0.87 -2.16	51.52 1.37 -5.94	52.43 1.86 -2.84	59.52 2.75 -1.77	60.37 2.77 -2.22	46.15 2.28 0.00	37.89 1.70 0.00	36.08 1.49 0.00
JARVIS____ 23743	32.63 0.10 0.00	30.82 0.09 0.00	28.57 0.09 0.00	27.30 0.08 0.00	28.60 0.09 0.00	30.79 0.09 0.00	41.67 0.08 0.00	42.21 0.08 0.00	42.07 0.08 0.00	42.03 0.08 0.00	38.01 0.11 0.00	38.78 0.12 0.00	36.65 0.11 0.00	36.09 0.11 0.00	38.13 0.15 0.00	39.53 0.16 0.00	39.53 0.16 0.00	44.39 0.18 0.00	47.87 0.14 0.00	55.22 0.22 0.00	55.56 0.17 0.00	44.00 0.13 0.00	36.29 0.11 0.00	34.70 0.10 0.00
JENNISON__1 23625	37.93 1.27 -4.13	37.14 1.17 -5.24	34.28 1.11 -4.69	32.51 1.06 -4.23	32.72 1.14 -3.07	31.96 1.26 0.00	44.47 1.87 -1.01	45.30 2.15 -1.03	43.67 2.10 0.42	47.31 2.06 -3.30	40.70 1.78 -1.02	43.59 1.97 -2.96	39.81 1.61 -1.67	39.42 1.37 -2.08	44.95 1.71 -5.27	42.19 1.77 -1.05	42.13 1.61 -1.15	48.22 1.95 -2.07	51.23 2.20 -1.31	58.58 3.14 -0.44	59.07 3.05 -0.64	45.80 2.59 0.66	38.04 1.99 0.14	36.12 1.76 0.24
JENNISON__2 23626	37.93 1.27 -4.13	37.14 1.17 -5.24	34.28 1.11 -4.69	32.51 1.06 -4.23	32.72 1.14 -3.07	31.96 1.26 0.00	44.47 1.87 -1.01	45.30 2.15 -1.03	43.67 2.10 0.42	47.31 2.06 -3.30	40.70 1.78 -1.02	43.59 1.97 -2.96	39.81 1.61 -1.67	39.42 1.37 -2.08	44.95 1.71 -5.27	42.19 1.77 -1.05	42.13 1.61 -1.15	48.22 1.95 -2.07	51.23 2.20 -1.31	58.58 3.14 -0.44	59.07 3.05 -0.64	45.80 2.59 0.66	38.04 1.99 0.14	36.12 1.76 0.24
JERICHO_RISE_WT_PWR 323719	32.37 -0.16 0.00	30.52 -0.21 0.00	28.22 -0.26 0.00	26.94 -0.27 0.00	28.20 -0.31 0.00	30.39 -0.31 0.00	41.34 -0.25 0.00	41.84 -0.29 0.00	41.74 -0.25 0.00	41.53 -0.42 0.00	37.45 -0.45 0.00	38.20 -0.46 0.00	36.02 -0.51 0.00	35.44 -0.54 0.00	37.41 -0.57 0.00	38.90 -0.47 0.00	38.90 -0.47 0.00	43.81 -0.40 0.00	47.34 -0.38 0.00	54.45 -0.55 0.00	54.89 -0.50 0.00	43.47 -0.40 0.00	35.86 -0.33 0.00	34.36 -0.24 0.00
KATONAH__115KV_46KV_TB4 355592	34.35 1.82 0.00	32.45 1.72 0.00	30.22 1.74 0.00	28.87 1.66 0.00	30.14 1.63 0.00	32.54 1.84 0.00	44.04 2.45 0.00	44.87 2.74 0.00	44.84 2.86 0.00	44.89 2.94 0.00	40.67 2.77 0.00	41.56 2.90 0.00	39.39 2.85 0.00	38.89 2.91 0.00	41.13 3.15 0.00	42.60 3.23 0.00	42.60 3.23 0.00	47.75 3.54 0.00	51.40 3.67 0.00	59.24 4.24 0.00	59.38 3.99 0.00	46.68 2.81 0.00	38.21 2.03 0.00	36.46 1.87 0.00
KCE_NY_1 323755	34.38 1.85 0.00	32.54 1.81 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.17 1.65 0.00	32.57 1.87 0.00	44.13 2.54 0.00	44.66 2.53 0.00	44.47 2.48 0.00	44.51 2.56 0.00	40.17 2.27 0.00	40.82 2.16 0.00	38.58 2.04 0.00	37.99 2.01 0.00	40.02 2.05 0.00	41.65 2.28 0.00	41.62 2.24 0.00	46.64 2.43 0.00	49.92 2.20 0.00	57.75 2.75 0.00	58.21 2.82 0.00	45.93 2.06 0.00	37.89 1.70 0.00	36.26 1.66 0.00
KCE_NY_6_ESR 323823	20.50 -3.32 8.72	16.59 -3.07 11.07	15.76 -2.82 9.90	15.67 -2.61 8.94	16.70 -2.68 9.14	17.75 -2.95 10.00	23.71 -4.16 13.72	24.16 -3.96 14.01	21.41 -3.78 16.80	22.99 -3.57 15.39	23.33 -3.26 11.31	21.74 -3.52 13.40	20.61 -3.51 12.42	21.16 -3.45 11.36	19.34 -3.53 15.11	19.94 -4.05 15.38	22.41 -4.10 12.87	24.64 -4.51 15.06	28.29 -4.82 14.61	40.67 -5.39 8.95	40.81 -5.32 9.26	34.00 -3.82 6.05	31.72 -3.22 1.25	29.11 -3.25 2.23
KEDC_PORT_JEFF_GT2 24210	35.40 2.86 -0.01	33.44 2.70 -0.01	31.01 2.53 0.00	29.73 2.50 -0.01	31.06 2.54 -0.01	33.50 2.79 -0.01	45.13 3.53 -0.01	45.97 3.83 -0.01	45.69 3.70 -0.01	45.65 3.69 -0.01	44.65 3.37 -3.38	46.07 3.48 -3.92	46.12 3.40 -6.19	46.37 3.42 -6.97	47.19 3.61 -5.60	48.08 3.66 -5.05	48.66 3.78 -5.51	54.41 4.24 -5.96	52.84 4.44 -0.68	62.10 4.95 -2.14	64.86 4.88 -4.60	48.92 3.73 -1.32	43.65 3.00 -4.46	38.51 2.73 -1.19
KEDC_PORT_JEFF_GT3 24211	35.40 2.86 -0.01	33.44 2.70 -0.01	31.01 2.53 0.00	29.73 2.50 -0.01	31.06 2.54 -0.01	33.50 2.79 -0.01	45.13 3.53 -0.01	45.97 3.83 -0.01	45.69 3.70 -0.01	45.65 3.69 -0.01	44.65 3.37 -3.38	46.07 3.48 -3.92	46.12 3.40 -6.19	46.37 3.42 -6.97	47.19 3.61 -5.60	48.08 3.66 -5.05	48.66 3.78 -5.51	54.41 4.24 -5.96	52.84 4.44 -0.68	62.10 4.95 -2.14	64.86 4.88 -4.60	48.92 3.73 -1.32	43.65 3.00 -4.46	38.51 2.73 -1.19
KEDC_GLWD_GT4 24219	34.79 2.24 -0.01	32.89 2.15 -0.01	30.59 2.11 0.00	29.24 2.01 -0.01	30.55 2.02 -0.01	32.92 2.21 -0.01	44.56 2.95 -0.01	45.43 3.29 -0.01	45.32 3.32 -0.01	45.36 3.40 -0.01	46.46 3.18 -5.37	48.22 3.33 -6.23	49.62 3.25 -9.83	50.36 3.31 -11.07	50.36 3.49 -8.90	50.94 3.54 -8.02	51.71 3.58 -8.75	56.21 3.98 -8.02	51.89 4.15 -0.01	59.69 4.67 -0.01	63.15 4.54 -3.21	49.29 3.33 -2.09	45.80 2.53 -7.08	38.70 2.22 -1.88
KEDC_GLWD_GT5 24220	34.79 2.24 -0.01	32.89 2.15 -0.01	30.59 2.11 0.00	29.24 2.01 -0.01	30.55 2.02 -0.01	32.92 2.21 -0.01	44.56 2.95 -0.01	45.43 3.29 -0.01	45.32 3.32 -0.01	45.36 3.40 -0.01	46.46 3.18 -5.37	48.22 3.33 -6.23	49.62 3.25 -9.83	50.36 3.31 -11.07	50.36 3.49 -8.90	50.94 3.54 -8.02	51.71 3.58 -8.75	56.21 3.98 -8.02	51.89 4.15 -0.01	59.69 4.67 -0.01	63.15 4.54 -3.21	49.29 3.33 -2.09	45.80 2.53 -7.08	38.70 2.22 -1.88

KENSICO____ 23655	34.29 1.76 0.00	32.42 1.69 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.11 1.60 0.00	32.48 1.78 0.00	43.92 2.33 0.00	44.78 2.65 0.00	44.76 2.77 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.48 2.82 0.00	39.31 2.78 0.00	38.82 2.84 0.00	40.98 3.00 0.00	42.44 3.07 0.00	42.48 3.11 0.00	47.66 3.45 0.00	51.30 3.58 0.00	59.02 4.02 0.00	59.27 3.88 0.00	46.63 2.76 0.00	38.14 1.95 0.00	36.40 1.80 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.35 1.82 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.11 1.60 0.00	32.48 1.78 0.00	44.04 2.45 0.00	44.95 2.82 0.00	44.80 2.81 0.00	44.76 2.81 0.00	40.48 2.58 0.00	41.37 2.71 0.00	39.17 2.63 0.00	38.64 2.66 0.00	40.75 2.77 0.00	42.21 2.83 0.00	42.29 2.91 0.00	47.52 3.32 0.00	51.21 3.48 0.00	59.02 4.02 0.00	59.38 3.99 0.00	46.90 3.03 0.00	38.28 2.10 0.00	36.57 1.97 0.00
KIAC_JFK_GT1 23816	34.45 1.92 0.00	32.35 1.63 0.01	30.12 1.65 0.02	28.78 1.58 0.02	30.04 1.54 0.02	32.38 1.69 0.01	43.88 2.29 0.00	44.95 2.82 0.00	44.89 2.90 0.00	44.93 2.98 0.00	40.70 2.80 0.00	41.56 2.90 0.00	39.39 2.85 0.00	38.93 2.95 0.00	41.13 3.15 0.00	42.64 3.27 0.00	42.72 3.35 0.00	47.97 3.76 0.00	51.69 3.96 0.00	58.96 3.96 0.00	59.16 3.77 0.00	46.85 2.98 0.00	38.14 1.95 0.00	36.29 1.70 0.00
KIAC_JFK_GT2 23817	34.45 1.92 0.00	32.35 1.63 0.01	30.12 1.65 0.02	28.78 1.58 0.02	30.04 1.54 0.02	32.38 1.69 0.01	43.88 2.29 0.00	44.95 2.82 0.00	44.89 2.90 0.00	44.93 2.98 0.00	40.70 2.80 0.00	41.56 2.90 0.00	39.39 2.85 0.00	38.93 2.95 0.00	41.13 3.15 0.00	42.64 3.27 0.00	42.72 3.35 0.00	47.97 3.76 0.00	51.69 3.96 0.00	58.96 3.96 0.00	59.16 3.77 0.00	46.85 2.98 0.00	38.14 1.95 0.00	36.29 1.70 0.00
KIAC_JFK____ 323774	34.42 1.89 0.00	32.35 1.63 0.01	30.12 1.65 0.02	28.78 1.58 0.02	30.04 1.54 0.02	32.38 1.69 0.01	43.87 2.29 0.00	44.95 2.82 0.00	44.85 2.86 0.00	44.93 2.98 0.00	40.67 2.77 0.00	41.56 2.90 0.00	39.42 2.89 0.00	38.89 2.91 0.00	41.13 3.15 0.00	42.60 3.23 0.00	42.72 3.34 0.00	48.01 3.80 0.00	51.68 3.96 0.00	58.97 3.96 0.00	59.21 3.82 0.00	46.90 3.02 0.00	38.21 2.03 0.00	36.22 1.63 0.00
KINTIGH_24_KV_GSU 356498	22.32 -3.68 6.54	19.02 -3.41 8.30	17.95 -3.10 7.43	17.63 -2.89 6.70	19.31 -2.91 6.29	21.54 -3.16 6.00	28.84 -4.49 8.26	29.40 -4.30 8.43	25.47 -4.16 12.36	28.04 -3.95 9.97	27.68 -3.64 6.58	26.88 -3.87 7.92	25.85 -3.80 6.89	25.70 -3.74 6.53	24.41 -3.83 9.73	25.35 -4.37 9.65	27.22 -4.37 7.78	30.22 -4.95 9.04	33.32 -5.34 9.06	40.72 -6.16 8.12	40.79 -6.15 8.45	34.31 -4.52 5.04	31.38 -3.76 1.04	29.03 -3.70 1.86
KINTIGH____ 23543	22.32 -3.68 6.54	19.02 -3.41 8.30	17.95 -3.10 7.43	17.63 -2.88 6.70	19.31 -2.91 6.29	21.50 -3.19 6.00	28.98 -4.41 8.20	29.50 -4.26 8.38	25.61 -4.24 12.14	28.01 -4.03 9.92	27.55 -3.79 6.56	26.84 -3.90 7.92	25.85 -3.80 6.89	25.67 -3.78 6.53	24.41 -3.84 9.73	25.35 -4.37 9.65	27.22 -4.37 7.78	30.21 -4.95 9.04	33.32 -5.35 9.06	40.75 -6.11 8.15	40.82 -6.09 8.48	34.31 -4.52 5.04	31.38 -3.76 1.04	29.03 -3.70 1.86
KNTFSRNC_46_KV_46KV_LOAD 80397	32.76 0.23 0.00	30.88 0.15 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.52 0.00 0.00	30.76 0.06 0.00	42.05 0.46 0.00	42.47 0.34 0.00	42.33 0.34 0.00	42.08 0.13 0.00	37.90 0.00 0.00	38.70 0.04 0.00	36.46 -0.07 0.00	35.83 -0.14 0.00	37.86 -0.11 0.00	39.41 0.04 0.00	39.45 0.08 0.00	44.47 0.27 0.00	48.11 0.38 0.00	55.39 0.39 0.00	55.83 0.44 0.00	44.22 0.35 0.00	36.37 0.18 0.00	34.87 0.28 0.00
LACHUTE____HYDRO 323717	35.36 2.83 0.00	33.46 2.73 0.00	30.99 2.51 0.00	29.61 2.40 0.00	31.03 2.51 0.00	33.64 2.95 0.00	45.67 4.08 0.00	46.05 3.92 0.00	45.98 3.99 0.00	45.98 4.03 0.00	41.31 3.41 0.00	41.75 3.09 0.00	39.35 2.81 0.00	38.68 2.70 0.00	40.71 2.74 0.00	42.48 3.11 0.00	42.52 3.15 0.00	47.79 3.58 0.00	51.31 3.58 0.00	59.84 4.84 0.00	60.48 5.09 0.00	47.51 3.64 0.00	39.15 2.97 0.00	37.54 2.94 0.00
LAWRNCV_115KV_TB1 80681	32.47 -0.07 0.00	30.61 -0.12 0.00	28.31 -0.17 0.00	27.05 -0.16 0.00	28.29 -0.23 0.00	30.51 -0.18 0.00	41.59 0.00 0.00	42.09 -0.04 0.00	41.99 0.00 0.00	41.74 -0.21 0.00	37.67 -0.23 0.00	38.43 -0.23 0.00	36.24 -0.29 0.00	35.65 -0.32 0.00	37.67 -0.30 0.00	39.13 -0.24 0.00	39.10 -0.28 0.00	43.94 -0.27 0.00	47.49 -0.24 0.00	54.73 -0.28 0.00	55.17 -0.22 0.00	43.74 -0.13 0.00	36.08 -0.11 0.00	34.63 0.03 0.00
LEDERLE____ 23769	34.32 1.79 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.11 1.60 0.00	32.48 1.78 0.00	43.96 2.37 0.00	44.83 2.70 0.00	44.76 2.77 0.00	44.80 2.85 0.00	40.63 2.73 0.00	41.52 2.86 0.00	39.35 2.81 0.00	38.86 2.88 0.00	40.98 3.00 0.00	42.44 3.07 0.00	42.48 3.11 0.00	47.61 3.40 0.00	51.26 3.53 0.00	59.07 4.07 0.00	59.27 3.88 0.00	46.72 2.85 0.00	38.18 1.99 0.00	36.46 1.87 0.00
LIGHTHSE_115KV_TB6 355974	32.17 -0.36 0.00	30.36 -0.37 0.00	28.11 -0.37 0.00	26.86 -0.35 0.00	28.09 -0.43 0.00	30.24 -0.46 0.00	41.01 -0.58 0.00	41.50 -0.63 0.00	41.67 -0.71 -0.39	41.60 -0.76 -0.41	37.18 -0.72 0.00	37.96 -0.70 0.00	35.81 -0.73 0.00	35.19 -0.79 0.00	37.22 -0.76 0.00	38.54 -0.83 0.00	38.51 -0.87 0.00	43.32 -0.88 0.00	48.69 -0.72 -1.68	56.50 -0.50 -2.00	56.75 -0.55 -1.91	43.52 -0.35 0.00	35.93 -0.25 0.00	34.35 -0.24 0.00
LINDEN COGEN____ 23786	34.29 1.76 0.00	32.42 1.69 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.08 1.57 0.00	32.45 1.75 0.00	43.92 2.33 0.00	44.83 2.70 0.00	44.76 2.77 0.00	44.84 2.89 0.00	40.59 2.69 0.00	41.48 2.82 0.00	39.35 2.81 0.00	38.86 2.88 0.00	41.05 3.07 0.00	42.52 3.15 0.00	42.60 3.23 0.00	47.79 3.58 0.00	51.45 3.72 0.00	59.13 4.13 0.00	59.32 3.93 0.00	46.68 2.81 0.00	38.17 1.99 0.00	36.29 1.69 0.00
LINDHRST_69_KV_BK1 356055	35.27 2.73 -0.01	33.35 2.61 -0.01	30.96 2.48 0.00	29.65 2.42 -0.01	30.98 2.45 -0.01	33.41 2.70 -0.01	45.09 3.49 -0.01	46.02 3.88 -0.01	45.82 3.82 -0.01	45.78 3.82 -0.01	45.15 3.52 -3.73	46.62 3.63 -4.33	46.90 3.54 -6.82	47.22 3.56 -7.68	47.91 3.76 -6.17	48.75 3.82 -5.56	49.38 3.94 -6.07	54.43 4.38 -5.85	52.57 4.63 -0.22	60.85 5.17 -0.67	63.51 5.10 -3.03	49.14 3.82 -1.45	44.03 2.93 -4.91	38.71 2.80 -1.31
LIPA_MISC_IPP 23656	35.47 2.93 -0.01	33.44 2.70 -0.01	31.04 2.56 0.00	29.75 2.53 -0.01	31.12 2.59 -0.01	33.56 2.85 -0.01	45.13 3.54 -0.01	45.97 3.83 -0.01	45.65 3.65 -0.01	45.53 3.57 -0.01	44.57 3.30 -3.37	45.94 3.36 -3.91	45.96 3.25 -6.17	46.24 3.31 -6.95	47.05 3.49 -5.58	47.99 3.58 -5.03	48.56 3.70 -5.49	54.45 4.11 -6.13	52.88 4.34 -0.81	62.36 4.79 -2.58	65.21 4.71 -5.11	48.79 3.60 -1.32	43.42 2.79 -4.45	38.51 2.73 -1.18

LISF___SOLAR 323691	35.50 2.96 -0.01	33.50 2.77 -0.01	31.10 2.62 0.00	29.81 2.59 -0.01	31.15 2.62 -0.01	33.59 2.88 -0.01	45.21 3.62 -0.01	46.06 3.92 -0.01	45.69 3.70 -0.01	45.57 3.61 -0.01	44.57 3.30 -3.38	45.98 3.40 -3.92	46.04 3.32 -6.18	46.32 3.38 -6.96	47.10 3.53 -5.59	48.07 3.66 -5.04	48.65 3.78 -5.50	54.51 4.20 -6.10	52.95 4.44 -0.79	62.46 4.95 -2.50	65.29 4.88 -5.03	48.92 3.73 -1.32	43.64 3.00 -4.45	38.51 2.73 -1.18
LITTLE FALLS___HYD 24013	33.12 0.59 0.00	31.04 0.31 0.00	28.59 0.11 0.00	27.19 -0.03 0.00	28.40 -0.11 0.00	30.48 -0.21 0.00	40.96 -0.62 0.00	41.46 -0.67 0.00	41.28 -0.71 0.00	41.24 -0.71 0.00	37.29 -0.61 0.00	38.16 -0.50 0.00	36.17 -0.37 0.00	35.80 -0.18 0.00	37.98 0.00 0.00	39.49 0.12 0.00	39.49 0.12 0.00	44.30 0.09 0.00	47.77 0.05 0.00	55.28 0.28 0.00	55.72 0.33 0.00	44.22 0.35 0.00	36.80 0.62 0.00	35.22 0.62 0.00
LITTLRIV_115KV_TB1 356100	32.27 -0.26 0.00	30.39 -0.34 0.00	28.11 -0.37 0.00	26.81 -0.41 0.00	28.03 -0.48 0.00	30.24 -0.46 0.00	41.38 -0.21 0.00	41.75 -0.38 0.00	41.52 -0.55 -0.07	41.06 -0.96 -0.08	36.88 -1.02 0.00	37.38 -1.28 0.00	35.18 -1.35 0.00	34.61 -1.37 0.00	36.61 -1.37 0.00	38.15 -1.22 0.00	38.11 -1.26 0.00	42.84 -1.37 0.00	46.89 -1.15 -0.31	54.44 -0.83 -0.26	54.77 -0.83 -0.22	43.30 -0.57 0.00	35.79 -0.40 0.00	34.42 -0.17 0.00
LI_NEWBRDGE___DRP 323616	34.69 2.15 -0.01	32.86 2.12 -0.01	30.53 2.05 0.00	29.21 1.99 -0.01	30.49 1.97 -0.01	32.89 2.18 -0.01	44.43 2.83 -0.01	45.30 3.16 -0.01	45.06 3.07 -0.01	45.11 3.15 -0.01	43.99 2.92 -3.17	45.35 3.02 -3.68	45.29 2.96 -5.79	45.49 2.99 -6.53	46.33 3.11 -5.24	47.25 3.15 -4.73	47.76 3.23 -5.16	52.47 3.54 -4.73	51.50 3.77 -0.01	59.14 4.13 -0.01	61.27 3.99 -1.89	48.04 2.94 -1.23	42.64 2.28 -4.18	37.85 2.14 -1.11
LOCKPORT_115KV_TB60_63_64 80432	21.40 -3.84 7.30	17.90 -3.56 9.26	16.95 -3.25 8.29	16.77 -2.97 7.48	18.15 -3.02 7.34	20.18 -3.38 7.14	27.15 -4.70 9.74	27.51 -4.68 9.94	25.50 -4.74 11.74	26.35 -4.15 11.44	25.93 -3.94 8.03	24.70 -4.10 9.86	23.67 -4.02 8.85	23.74 -3.99 8.24	22.29 -4.06 11.62	21.94 -4.65 12.79	25.08 -4.65 9.65	28.07 -5.22 10.92	31.29 -6.01 10.42	40.25 -6.93 7.83	41.40 -6.81 7.17	34.53 -5.05 4.29	31.14 -4.16 0.88	28.86 -4.15 1.58
LOCKPORT___CC1 323769	21.24 -3.87 7.42	17.71 -3.60 9.42	16.78 -3.27 8.43	16.59 -3.02 7.61	17.92 -3.05 7.55	19.72 -3.38 7.61	26.08 -5.08 10.43	26.59 -4.89 10.65	24.58 -4.66 12.74	25.64 -4.24 12.08	25.49 -3.83 8.59	24.16 -4.10 10.41	23.01 -4.09 9.43	23.21 -4.03 8.74	21.77 -4.10 12.11	21.44 -4.69 13.24	24.50 -4.69 10.19	27.37 -5.26 11.58	30.61 -6.01 11.10	40.05 -6.93 8.02	40.94 -6.93 7.52	34.25 -5.04 4.58	31.08 -4.16 0.94	28.79 -4.12 1.69
LOCKPORT___CC2 323770	21.24 -3.87 7.42	17.71 -3.60 9.42	16.78 -3.27 8.43	16.59 -3.02 7.61	17.92 -3.05 7.55	19.72 -3.38 7.61	26.08 -5.08 10.43	26.59 -4.89 10.65	24.58 -4.66 12.74	25.64 -4.24 12.08	25.49 -3.83 8.59	24.16 -4.10 10.41	23.01 -4.09 9.43	23.21 -4.03 8.74	21.77 -4.10 12.11	21.44 -4.69 13.24	24.50 -4.69 10.19	27.37 -5.26 11.58	30.61 -6.01 11.10	40.05 -6.93 8.02	40.94 -6.93 7.52	34.25 -5.04 4.58	31.08 -4.16 0.94	28.79 -4.12 1.69
LOCKPORT___CC3 323771	21.24 -3.87 7.42	17.71 -3.60 9.42	16.78 -3.27 8.43	16.59 -3.02 7.61	17.92 -3.05 7.55	19.72 -3.38 7.61	26.08 -5.08 10.43	26.59 -4.89 10.65	24.58 -4.66 12.74	25.64 -4.24 12.08	25.49 -3.83 8.59	24.16 -4.10 10.41	23.01 -4.09 9.43	23.21 -4.03 8.74	21.77 -4.10 12.11	21.44 -4.69 13.24	24.50 -4.69 10.19	27.37 -5.26 11.58	30.61 -6.01 11.10	40.05 -6.93 8.02	40.94 -6.93 7.52	34.25 -5.04 4.58	31.08 -4.16 0.94	28.79 -4.12 1.69
LOCUSVLY_69_KV_BK2 55797	34.95 2.41 -0.01	33.08 2.34 -0.01	30.70 2.22 0.00	29.38 2.15 -0.01	30.69 2.17 -0.01	33.10 2.39 -0.01	44.72 3.12 -0.01	45.64 3.50 -0.01	45.53 3.53 -0.01	45.57 3.61 -0.01	46.11 3.37 -4.84	47.76 3.48 -5.62	48.79 3.40 -8.85	49.41 3.45 -9.98	49.60 3.61 -8.02	50.26 3.66 -7.23	50.96 3.70 -7.88	55.31 4.07 -7.03	51.89 4.30 0.13	59.36 4.79 0.43	62.40 4.65 -2.36	49.22 3.47 -1.88	45.17 2.61 -6.38	38.75 2.46 -1.70
LONG_LAKE_PHOENIX 24014	31.78 -0.75 0.00	30.02 -0.71 0.00	27.83 -0.66 0.00	26.59 -0.63 0.00	27.89 -0.63 0.00	30.05 -0.64 0.00	40.76 -0.83 0.00	41.24 -0.88 0.00	41.66 -0.88 -0.55	41.73 -0.80 -0.57	37.14 -0.76 0.00	37.85 -0.81 0.00	35.77 -0.77 0.00	35.15 -0.83 0.00	37.10 -0.87 0.00	38.43 -0.94 0.00	38.39 -0.98 0.00	43.15 -1.06 0.00	48.99 -1.10 -2.37	56.53 -1.16 -2.68	56.76 -1.16 -2.53	42.99 -0.88 0.00	35.53 -0.65 0.00	33.90 -0.69 0.00
LOVETT___3 23632	34.19 1.66 0.00	32.33 1.60 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.00 1.48 0.00	32.36 1.66 0.00	43.75 2.16 0.00	44.62 2.49 0.00	44.55 2.56 0.00	44.55 2.60 0.00	40.40 2.50 0.00	41.29 2.63 0.00	39.13 2.59 0.00	38.64 2.66 0.00	40.79 2.81 0.00	42.24 2.87 0.00	42.29 2.91 0.00	47.39 3.18 0.00	51.02 3.29 0.00	58.74 3.74 0.00	58.99 3.60 0.00	46.46 2.59 0.00	37.99 1.81 0.00	36.29 1.70 0.00
LOVETT___4 23642	34.19 1.66 0.00	32.33 1.60 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.00 1.48 0.00	32.36 1.66 0.00	43.75 2.16 0.00	44.62 2.49 0.00	44.55 2.56 0.00	44.55 2.60 0.00	40.40 2.50 0.00	41.29 2.63 0.00	39.13 2.59 0.00	38.64 2.66 0.00	40.79 2.81 0.00	42.24 2.87 0.00	42.29 2.91 0.00	47.39 3.18 0.00	51.02 3.29 0.00	58.74 3.74 0.00	58.99 3.60 0.00	46.46 2.59 0.00	37.99 1.81 0.00	36.29 1.70 0.00
LOVETT___5 23593	34.19 1.66 0.00	32.33 1.60 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.00 1.48 0.00	32.36 1.66 0.00	43.75 2.16 0.00	44.62 2.49 0.00	44.55 2.56 0.00	44.55 2.60 0.00	40.40 2.50 0.00	41.29 2.63 0.00	39.13 2.59 0.00	38.64 2.66 0.00	40.79 2.81 0.00	42.24 2.87 0.00	42.29 2.91 0.00	47.39 3.18 0.00	51.02 3.29 0.00	58.74 3.74 0.00	58.99 3.60 0.00	46.46 2.59 0.00	37.99 1.81 0.00	36.29 1.70 0.00
LOWER RAQUET___HYD 24057	31.91 -0.62 0.00	30.05 -0.68 0.00	27.77 -0.71 0.00	26.51 -0.71 0.00	27.72 -0.80 0.00	29.87 -0.83 0.00	40.84 -0.75 0.00	41.20 -0.93 0.00	41.06 -1.01 -0.08	40.69 -1.34 -0.08	36.54 -1.36 0.00	37.00 -1.66 0.00	34.82 -1.72 0.00	34.25 -1.73 0.00	36.23 -1.75 0.00	37.72 -1.65 0.00	37.60 -1.77 0.00	42.18 -2.03 0.00	46.15 -1.91 -0.34	53.64 -1.65 -0.28	54.02 -1.61 -0.23	42.64 -1.23 0.00	35.35 -0.83 0.00	34.01 -0.59 0.00
LOWER___HUDSON 24059	33.83 1.30 0.00	31.99 1.26 0.00	29.68 1.20 0.00	28.36 1.14 0.00	29.71 1.20 0.00	31.99 1.29 0.00	43.25 1.67 0.00	43.82 1.69 0.00	43.63 1.64 0.00	43.67 1.72 0.00	39.45 1.55 0.00	40.21 1.55 0.00	38.00 1.46 0.00	37.49 1.51 0.00	39.50 1.52 0.00	41.02 1.65 0.00	41.03 1.65 0.00	45.98 1.77 0.00	49.49 1.77 0.00	57.09 2.09 0.00	57.44 2.05 0.00	45.40 1.53 0.00	37.49 1.30 0.00	35.84 1.24 0.00

LOWVILLE_115KV_TB2 356335	32.76 0.23 0.00	30.73 0.00 0.00	28.40 -0.09 0.00	26.97 -0.24 0.00	28.17 -0.34 0.00	30.27 -0.43 0.00	41.01 -0.58 0.00	41.37 -0.76 0.00	41.22 -0.92 -0.15	40.93 -1.17 -0.15	36.73 -1.17 0.00	37.42 -1.24 0.00	35.22 -1.32 0.00	34.65 -1.33 0.00	36.80 -1.18 0.00	38.35 -1.02 0.00	38.55 -0.83 0.00	43.55 -0.66 0.00	48.56 0.19 -0.64	56.67 0.83 -0.84	56.89 0.66 -0.83	44.53 0.66 0.00	36.80 0.62 0.00	35.12 0.52 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.39 1.85 0.00	32.51 1.78 0.00	30.13 1.65 0.00	28.79 1.58 0.00	30.17 1.65 0.00	32.54 1.84 0.00	44.08 2.50 0.00	44.62 2.49 0.00	44.42 2.44 0.00	44.47 2.52 0.00	40.14 2.24 0.00	40.83 2.17 0.00	38.55 2.01 0.00	37.99 2.01 0.00	40.03 2.05 0.00	41.61 2.24 0.00	41.62 2.24 0.00	46.60 2.39 0.00	49.92 2.20 0.00	57.70 2.70 0.00	58.16 2.77 0.00	45.89 2.02 0.00	37.81 1.63 0.00	36.15 1.56 0.00
LUTHERNY_35_KV_BK2 355980	34.39 1.85 0.00	32.54 1.81 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.17 1.65 0.00	32.57 1.87 0.00	44.13 2.54 0.00	44.66 2.53 0.00	44.47 2.48 0.00	44.51 2.56 0.00	40.17 2.27 0.00	40.86 2.20 0.00	38.58 2.05 0.00	37.99 2.01 0.00	40.03 2.05 0.00	41.65 2.28 0.00	41.62 2.24 0.00	46.64 2.43 0.00	49.92 2.20 0.00	57.75 2.75 0.00	58.21 2.82 0.00	45.93 2.06 0.00	37.85 1.66 0.00	36.19 1.59 0.00
LWR__OSWEGATCHIE_HYD 23850	32.08 -0.46 0.00	30.18 -0.55 0.00	27.88 -0.60 0.00	26.56 -0.65 0.00	27.75 -0.77 0.00	29.90 -0.80 0.00	40.72 -0.87 0.00	40.99 -1.14 0.00	40.82 -1.30 -0.13	40.49 -1.59 -0.13	36.35 -1.55 0.00	36.92 -1.74 0.00	34.75 -1.79 0.00	34.14 -1.83 0.00	36.19 -1.78 0.00	37.72 -1.65 0.00	37.72 -1.65 0.00	42.44 -1.77 0.00	46.94 -1.34 -0.55	54.53 -0.94 -0.46	54.77 -1.00 -0.38	43.17 -0.70 0.00	35.79 -0.40 0.00	34.32 -0.28 0.00
LYONS_FALL_HYD 23570	32.92 0.39 0.00	30.95 0.22 0.00	28.62 0.14 0.00	27.21 0.00 0.00	28.46 -0.06 0.00	30.61 -0.09 0.00	41.51 -0.08 0.00	41.96 -0.17 0.00	41.86 -0.25 -0.12	41.66 -0.42 -0.13	37.41 -0.49 0.00	38.20 -0.46 0.00	35.95 -0.59 0.00	35.37 -0.61 0.00	37.52 -0.45 0.00	39.05 -0.32 0.00	39.14 -0.23 0.00	44.12 -0.09 0.00	48.78 0.53 -0.53	56.54 1.10 -0.44	56.75 1.00 -0.37	44.75 0.88 0.00	36.91 0.72 0.00	35.25 0.66 0.00
MADISON__COUNTY_LFGE 323628	33.18 0.65 0.00	31.31 0.58 0.00	28.99 0.51 0.00	27.70 0.49 0.00	29.03 0.51 0.00	31.28 0.58 0.00	42.46 0.87 0.00	43.06 0.93 0.00	42.99 0.88 -0.12	42.92 0.84 -0.13	38.62 0.72 0.00	39.43 0.77 0.00	37.19 0.66 0.00	36.59 0.61 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.12 0.75 0.00	45.09 0.88 0.00	49.39 1.15 -0.52	57.37 1.54 -0.82	57.73 1.50 -0.85	45.14 1.27 0.00	37.20 1.01 0.00	35.46 0.86 0.00
MALONE__115KV_TB1 356076	32.60 0.07 0.00	30.73 0.00 0.00	28.40 -0.09 0.00	27.11 -0.11 0.00	28.37 -0.14 0.00	30.64 -0.06 0.00	41.96 0.37 0.00	42.47 0.34 0.00	42.41 0.42 0.00	42.12 0.17 0.00	37.94 0.04 0.00	38.74 0.08 0.00	36.50 -0.04 0.00	35.87 -0.11 0.00	37.86 -0.11 0.00	39.37 0.00 0.00	39.37 0.00 0.00	44.43 0.22 0.00	48.01 0.29 0.00	54.89 -0.11 0.00	55.33 -0.06 0.00	43.78 -0.09 0.00	36.04 -0.14 0.00	34.60 0.00 0.00
MAPLEWOD_115KV_TB3 80458	33.67 1.14 0.00	31.84 1.11 0.00	29.53 1.05 0.00	28.22 1.01 0.00	29.57 1.06 0.00	31.80 1.11 0.00	42.84 1.25 0.00	43.39 1.26 0.00	43.25 1.26 0.00	43.25 1.30 0.00	39.11 1.21 0.00	39.86 1.20 0.00	37.71 1.17 0.00	37.20 1.22 0.00	39.19 1.22 0.00	40.71 1.34 0.00	40.71 1.34 0.00	45.53 1.33 0.00	49.06 1.34 0.00	56.60 1.60 0.00	57.00 1.61 0.00	45.01 1.14 0.00	37.16 0.98 0.00	35.53 0.93 0.00
MAPLE_RIDGE_WT_1 323574	32.11 -0.42 0.00	30.27 -0.46 0.00	27.97 -0.51 0.00	26.67 -0.54 0.00	27.89 -0.63 0.00	29.99 -0.70 0.00	40.59 -1.00 0.00	41.08 -1.05 0.00	40.94 -1.05 0.00	40.90 -1.05 0.00	36.91 -0.99 0.00	37.66 -1.01 0.00	35.59 -0.95 0.00	35.04 -0.94 0.00	37.03 -0.95 0.00	38.43 -0.95 0.00	38.51 -0.87 0.00	43.32 -0.88 0.00	46.87 -0.86 0.00	54.07 -0.94 0.00	54.50 -0.89 0.00	43.17 -0.70 0.00	35.60 -0.58 0.00	34.08 -0.52 0.00
MAPLE_RIDGE_WT_2 323611	32.11 -0.42 0.00	30.27 -0.46 0.00	27.97 -0.51 0.00	26.67 -0.54 0.00	27.89 -0.63 0.00	29.99 -0.70 0.00	40.59 -1.00 0.00	41.08 -1.05 0.00	40.94 -1.05 0.00	40.90 -1.05 0.00	36.91 -0.99 0.00	37.66 -1.01 0.00	35.59 -0.95 0.00	35.04 -0.94 0.00	37.03 -0.95 0.00	38.43 -0.95 0.00	38.51 -0.87 0.00	43.32 -0.88 0.00	46.87 -0.86 0.00	54.07 -0.94 0.00	54.50 -0.89 0.00	43.17 -0.70 0.00	35.60 -0.58 0.00	34.08 -0.52 0.00
MARBLE_RIVER_WT_PWR 323696	32.37 -0.16 0.00	30.55 -0.18 0.00	28.25 -0.23 0.00	26.97 -0.25 0.00	28.20 -0.31 0.00	30.39 -0.31 0.00	41.38 -0.21 0.00	41.88 -0.25 0.00	41.74 -0.25 0.00	41.57 -0.38 0.00	37.48 -0.42 0.00	38.24 -0.42 0.00	36.02 -0.51 0.00	35.44 -0.54 0.00	37.41 -0.57 0.00	38.90 -0.47 0.00	38.90 -0.47 0.00	43.81 -0.40 0.00	47.34 -0.38 0.00	54.45 -0.55 0.00	54.89 -0.50 0.00	43.52 -0.35 0.00	35.86 -0.33 0.00	34.36 -0.24 0.00
MARSHVLE_115KV_TB1 80742	35.18 1.63 -1.02	33.60 1.57 -1.30	31.07 1.42 -1.16	29.65 1.39 -1.05	30.76 1.48 -0.76	32.42 1.72 0.00	44.21 2.62 0.00	44.83 2.70 0.00	44.30 2.31 0.00	44.75 2.10 -0.70	39.61 1.71 0.00	40.93 1.78 -0.49	38.28 1.68 -0.07	37.75 1.51 -0.26	40.93 1.71 -1.24	41.30 1.93 0.00	41.30 1.93 0.00	46.60 2.39 0.00	50.40 2.67 0.00	58.69 3.69 0.00	59.10 3.71 0.00	46.63 2.76 0.00	38.32 2.13 0.00	36.64 2.04 0.00
MARSH_HILL_WT_PWR 323713	17.21 -2.37 12.95	11.98 -2.31 16.44	11.47 -2.31 14.71	11.71 -2.23 13.28	25.45 -2.28 0.79	62.33 -2.24 -33.87	85.18 -2.95 -46.54	86.91 -2.74 -47.52	98.42 -2.94 -59.37	71.48 -2.98 -32.50	73.19 -2.88 -38.17	66.58 -3.21 -31.12	73.09 -3.07 -39.62	63.61 -3.09 -30.72	50.20 -3.53 -15.75	75.45 -3.74 -39.82	73.60 -3.54 -37.77	82.31 -3.58 -41.68	94.81 -3.39 -50.47	81.50 -3.30 -29.80	90.06 -3.15 -37.83	64.28 -2.15 -22.56	38.81 -2.03 -4.65	40.92 -2.01 -8.33
MCINTYRE_115KV_TB2 80467	32.63 0.10 0.00	30.73 0.00 0.00	28.40 -0.09 0.00	27.13 -0.08 0.00	28.37 -0.14 0.00	30.61 -0.09 0.00	41.84 0.25 0.00	42.26 0.13 0.00	41.97 -0.08 -0.06	41.47 -0.55 -0.06	37.26 -0.64 0.00	37.85 -0.81 0.00	35.62 -0.91 0.00	35.04 -0.94 0.00	37.06 -0.91 0.00	38.66 -0.71 0.00	38.66 -0.71 0.00	43.59 -0.62 0.00	47.61 -0.38 -0.27	55.17 -0.06 -0.22	55.52 -0.06 -0.19	43.96 0.09 0.00	36.26 0.07 0.00	34.84 0.24 0.00
MECO____69_KV_BK1 80468	34.52 1.98 0.00	32.60 1.87 0.00	30.19 1.71 0.00	28.87 1.66 0.00	30.25 1.74 0.00	32.72 2.03 0.00	44.58 2.99 0.00	45.08 2.95 0.00	44.59 2.60 0.00	44.89 2.39 -0.55	39.87 1.97 0.00	40.94 1.89 -0.38	38.34 1.75 -0.05	37.80 1.62 -0.20	40.69 1.75 -0.97	41.42 2.05 0.00	41.50 2.13 0.00	46.73 2.52 0.00	50.64 2.91 0.00	59.02 4.02 0.00	59.54 4.15 0.00	46.90 3.03 0.00	38.57 2.39 0.00	36.85 2.25 0.00

MENANDS__115KV_TB5 355628	33.60 1.07 0.00	31.77 1.04 0.00	29.45 0.97 0.00	28.17 0.95 0.00	29.48 0.97 0.00	31.71 1.01 0.00	42.67 1.08 0.00	43.23 1.10 0.00	43.08 1.09 0.00	43.08 1.13 0.00	39.00 1.10 0.00	39.74 1.08 0.00	37.60 1.06 0.00	37.09 1.12 0.00	39.08 1.10 0.00	40.59 1.22 0.00	40.59 1.22 0.00	45.36 1.15 0.00	48.87 1.15 0.00	56.32 1.32 0.00	56.66 1.27 0.00	44.79 0.92 0.00	37.02 0.83 0.00	35.39 0.80 0.00
MG INDUSTRY__DRP 24185	33.64 1.11 0.00	31.80 1.08 0.00	29.51 1.03 0.00	28.19 0.98 0.00	29.54 1.03 0.00	31.74 1.04 0.00	42.79 1.21 0.00	43.35 1.22 0.00	43.12 1.13 0.00	43.13 1.17 0.00	39.00 1.10 0.00	39.70 1.04 0.00	37.56 1.02 0.00	37.02 1.04 0.00	39.04 1.06 0.00	40.55 1.18 0.00	40.55 1.18 0.00	45.45 1.24 0.00	49.01 1.29 0.00	56.49 1.49 0.00	56.94 1.55 0.00	45.01 1.14 0.00	37.13 0.94 0.00	35.53 0.93 0.00
MID__OSWEGATCHIE_HYD 23849	32.08 -0.46 0.00	30.18 -0.55 0.00	27.88 -0.60 0.00	26.56 -0.65 0.00	27.75 -0.77 0.00	29.90 -0.80 0.00	40.72 -0.87 0.00	40.99 -1.14 0.00	40.82 -1.30 -0.13	40.49 -1.59 -0.13	36.35 -1.55 0.00	36.92 -1.74 0.00	34.75 -1.79 0.00	34.14 -1.83 0.00	36.19 -1.78 0.00	37.72 -1.65 0.00	37.72 -1.65 0.00	42.44 -1.77 0.00	46.94 -1.34 -0.55	54.53 -0.94 -0.46	54.77 -1.00 -0.38	43.17 -0.70 0.00	35.79 -0.40 0.00	34.32 -0.28 0.00
MID__RAQUETTE_HYD 23851	31.91 -0.62 0.00	30.05 -0.68 0.00	27.77 -0.71 0.00	26.51 -0.71 0.00	27.72 -0.80 0.00	29.87 -0.83 0.00	40.84 -0.75 0.00	41.20 -0.93 0.00	41.06 -1.01 -0.08	40.69 -1.34 -0.08	36.57 -1.33 0.00	37.00 -1.66 0.00	34.82 -1.72 0.00	34.25 -1.73 0.00	36.23 -1.75 0.00	37.72 -1.65 0.00	37.60 -1.77 0.00	42.17 -2.03 0.00	46.15 -1.91 -0.34	53.63 -1.65 -0.28	54.02 -1.61 -0.23	42.64 -1.23 0.00	35.32 -0.87 0.00	34.01 -0.59 0.00
MILLIKEN__1 23584	30.27 0.42 2.68	27.72 0.40 3.41	25.77 0.34 3.05	24.82 0.35 2.75	27.50 0.40 1.42	33.15 0.52 -1.93	44.82 0.83 -2.40	45.51 0.93 -2.45	44.30 0.88 -1.42	43.74 0.88 -0.91	40.71 0.64 -2.17	40.70 0.54 -1.50	39.54 0.47 -2.53	38.07 0.36 -1.73	38.07 0.46 0.36	42.51 0.43 -2.71	42.16 0.43 -2.35	51.56 0.62 -6.73	51.82 0.91 -3.19	58.63 1.27 -2.36	59.38 1.33 -2.66	44.92 1.05 0.00	36.98 0.80 0.00	35.25 0.66 0.00
MILLIKEN__2 23585	30.27 0.42 2.68	27.72 0.40 3.41	25.77 0.34 3.05	24.82 0.35 2.75	27.50 0.40 1.42	33.15 0.52 -1.93	44.82 0.83 -2.40	45.51 0.93 -2.45	44.30 0.88 -1.42	43.74 0.88 -0.91	40.71 0.64 -2.17	40.70 0.54 -1.50	39.54 0.47 -2.53	38.07 0.36 -1.73	38.07 0.46 0.36	42.51 0.43 -2.71	42.16 0.43 -2.35	51.56 0.62 -6.73	51.82 0.91 -3.19	58.63 1.27 -2.36	59.38 1.33 -2.66	44.92 1.05 0.00	36.98 0.80 0.00	35.25 0.66 0.00
MILLIKEN__DIESEL 23629	30.27 0.42 2.68	27.72 0.40 3.41	25.77 0.34 3.05	24.82 0.35 2.75	27.50 0.40 1.42	33.15 0.52 -1.93	44.82 0.83 -2.40	45.51 0.93 -2.45	44.30 0.88 -1.42	43.74 0.88 -0.91	40.71 0.64 -2.17	40.70 0.54 -1.50	39.54 0.47 -2.53	38.07 0.36 -1.73	38.07 0.46 0.36	42.51 0.43 -2.71	42.16 0.43 -2.35	51.56 0.62 -6.73	51.82 0.91 -3.19	58.63 1.27 -2.36	59.38 1.33 -2.66	44.92 1.05 0.00	36.98 0.80 0.00	35.25 0.66 0.00
MILLSEAT__LFGE 323607	22.47 -3.22 6.84	19.04 -3.01 8.68	17.95 -2.76 7.76	17.73 -2.48 7.01	19.34 -2.48 6.70	22.02 -2.70 5.97	29.37 -4.03 8.19	30.02 -3.75 8.36	28.64 -3.57 9.78	28.86 -3.15 9.94	28.22 -2.92 6.76	26.91 -3.21 8.54	25.78 -3.25 7.50	25.66 -3.24 7.08	24.30 -3.30 10.37	19.04 -3.86 16.47	27.11 -3.82 8.44	30.72 -4.20 9.29	34.23 -4.82 8.68	42.98 -5.45 6.58	43.99 -5.37 6.02	36.53 -3.90 3.44	32.18 -3.29 0.71	30.01 -3.32 1.27
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.26 1.72 0.00	32.39 1.66 0.00	30.10 1.62 0.00	28.79 1.58 0.00	30.05 1.54 0.00	32.42 1.72 0.00	43.88 2.29 0.00	44.74 2.61 0.00	44.68 2.69 0.00	44.72 2.77 0.00	40.52 2.62 0.00	41.41 2.74 0.00	39.24 2.70 0.00	38.75 2.77 0.00	40.90 2.92 0.00	42.36 2.99 0.00	42.40 3.03 0.00	47.57 3.36 0.00	51.21 3.48 0.00	58.91 3.91 0.00	59.16 3.77 0.00	46.59 2.72 0.00	38.10 1.92 0.00	36.36 1.76 0.00
MILLWOOD_13_KV_LOAD 356217	34.32 1.79 0.00	32.45 1.72 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.11 1.60 0.00	32.48 1.78 0.00	43.96 2.37 0.00	44.83 2.70 0.00	44.76 2.77 0.00	44.80 2.85 0.00	40.59 2.69 0.00	41.48 2.82 0.00	39.31 2.78 0.00	38.82 2.84 0.00	41.01 3.04 0.00	42.52 3.15 0.00	42.56 3.19 0.00	47.70 3.49 0.00	51.30 3.58 0.00	59.13 4.13 0.00	59.27 3.88 0.00	46.68 2.81 0.00	38.18 1.99 0.00	36.43 1.83 0.00
MODEL_CITY_ENERGY 24167	20.96 -4.04 7.54	17.44 -3.72 9.57	16.53 -3.39 8.56	16.36 -3.13 7.73	17.70 -3.17 7.65	19.51 -3.53 7.66	25.64 -5.45 10.50	26.05 -5.35 10.72	23.76 -5.12 13.11	25.20 -4.53 12.22	25.25 -4.05 8.60	24.00 -4.29 10.37	22.91 -4.27 9.35	23.08 -4.21 8.69	21.58 -4.25 12.14	21.78 -4.88 12.71	24.42 -4.88 10.07	27.08 -5.53 11.61	29.93 -6.59 11.21	39.31 -7.59 8.10	40.03 -7.59 7.78	33.52 -5.57 4.78	30.64 -4.56 0.98	28.30 -4.53 1.76
MODERN_LFGE__ 323580	20.96 -4.04 7.54	17.44 -3.72 9.57	16.53 -3.39 8.56	16.36 -3.13 7.73	17.70 -3.17 7.65	19.51 -3.53 7.66	25.64 -5.45 10.50	26.05 -5.35 10.72	23.76 -5.12 13.11	25.20 -4.53 12.22	25.25 -4.05 8.60	24.00 -4.29 10.37	22.91 -4.27 9.35	23.08 -4.21 8.69	21.58 -4.25 12.14	21.78 -4.88 12.71	24.42 -4.88 10.07	27.08 -5.53 11.61	29.93 -6.59 11.21	39.31 -7.59 8.10	40.03 -7.59 7.78	33.52 -5.57 4.78	30.64 -4.56 0.98	28.30 -4.53 1.76
MOHAWK_PAPER__DRP 24187	33.67 1.14 0.00	31.84 1.11 0.00	29.53 1.05 0.00	28.22 1.01 0.00	29.57 1.06 0.00	31.80 1.11 0.00	42.84 1.25 0.00	43.39 1.26 0.00	43.25 1.26 0.00	43.25 1.30 0.00	39.11 1.21 0.00	39.86 1.20 0.00	37.71 1.17 0.00	37.20 1.22 0.00	39.19 1.22 0.00	40.71 1.34 0.00	40.71 1.34 0.00	45.53 1.33 0.00	49.06 1.34 0.00	56.60 1.60 0.00	57.00 1.61 0.00	45.01 1.14 0.00	37.16 0.98 0.00	35.53 0.93 0.00
MOHICAN__35_KV_115KV_LD 80490	34.58 2.05 0.00	32.70 1.97 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.37 1.85 0.00	32.82 2.12 0.00	44.50 2.91 0.00	45.04 2.91 0.00	44.84 2.86 0.00	44.89 2.94 0.00	40.40 2.50 0.00	41.02 2.36 0.00	38.73 2.19 0.00	38.06 2.09 0.00	40.10 2.13 0.00	41.77 2.40 0.00	41.77 2.40 0.00	46.82 2.61 0.00	50.21 2.48 0.00	58.19 3.19 0.00	58.71 3.32 0.00	46.20 2.33 0.00	38.07 1.88 0.00	36.46 1.87 0.00
MONGAUP__HYD 23641	34.97 1.47 -0.98	33.35 1.38 -1.24	30.93 1.34 -1.11	29.52 1.31 -1.00	30.49 1.25 -0.73	32.11 1.41 0.00	43.50 1.91 0.00	44.32 2.19 0.00	44.09 2.10 0.00	44.21 2.26 0.00	39.91 2.01 0.00	40.75 2.09 0.00	38.62 2.08 0.00	38.06 2.09 0.00	40.22 2.24 0.00	41.65 2.28 0.00	41.77 2.40 0.00	47.04 2.83 0.00	50.44 2.72 0.00	58.25 3.24 0.00	58.60 3.21 0.00	46.28 2.41 0.00	37.89 1.70 0.00	36.05 1.45 0.00

MONTAUK___DIESEL 23721	36.51 3.97 -0.01	34.36 3.63 -0.01	31.90 3.42 0.00	30.62 3.40 -0.01	32.03 3.51 -0.01	34.54 3.84 -0.01	46.55 4.95 -0.01	47.36 5.22 -0.01	45.53 3.53 -0.01	45.19 3.23 -0.01	44.15 2.88 -3.37	45.47 2.90 -3.91	45.56 2.85 -6.17	45.88 2.95 -6.95	46.68 3.11 -5.59	47.63 3.23 -5.04	48.25 3.39 -5.49	54.17 3.85 -6.12	52.11 3.58 -0.80	61.56 4.02 -2.55	64.46 3.99 -5.08	48.13 2.94 -1.32	42.73 2.10 -4.45	37.82 2.04 -1.18
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.61 -3.51 9.41	15.31 -3.47 11.95	14.57 -3.22 10.69	14.49 -3.08 9.65	15.79 -3.28 9.44	17.77 -3.56 9.37	24.14 -4.66 12.79	24.57 -4.51 13.05	21.57 -4.41 16.01	22.88 -4.11 14.96	23.79 -3.60 10.51	22.12 -3.71 12.83	21.42 -3.58 11.54	21.64 -3.60 10.74	19.13 -3.76 15.08	20.83 -4.25 14.29	23.10 -4.33 11.94	25.37 -4.60 14.24	29.45 -4.53 13.74	41.58 -4.62 8.80	41.76 -4.43 9.20	34.79 -3.07 6.01	32.27 -2.68 1.24	29.61 -2.77 2.22
MORRIS_RIDGE___SOLAR 323848	18.16 -2.54 11.83	13.31 -2.40 15.03	12.70 -2.33 13.44	12.82 -2.26 12.13	7.77 -2.31 18.44	-5.62 -2.39 33.92	-8.18 -3.33 46.44	-8.48 -3.20 47.40	-8.27 -3.28 46.98	-4.61 -3.23 43.33	-4.60 -3.11 39.40	-7.14 -3.36 42.44	-11.18 -3.29 44.43	-5.29 -3.24 38.03	-4.18 -3.49 38.66	-11.34 -3.74 46.96	-7.53 -3.70 43.20	-9.05 -3.93 49.32	-4.68 -3.91 48.49	33.28 -3.90 17.81	30.66 -3.77 20.96	26.54 -2.68 14.65	30.78 -2.39 3.02	26.77 -2.42 5.41
MORTIMER_115KV_TB3 55949	25.82 -2.08 4.63	22.85 -2.00 5.88	21.39 -1.82 5.26	20.83 -1.63 4.75	23.45 -1.63 3.44	29.16 -1.72 -0.18	39.59 -2.29 -0.28	40.40 -2.02 -0.29	41.17 -1.97 -1.15	38.26 -1.80 1.89	36.31 -1.74 -0.15	35.27 -1.89 1.49	34.48 -1.86 0.20	33.21 -1.98 0.79	32.16 -2.01 3.81	37.89 -2.32 -0.84	35.16 -2.36 1.85	40.99 -2.56 0.66	45.41 -2.72 -0.40	51.79 -3.03 0.19	51.69 -2.99 0.71	42.32 -2.19 -0.64	34.47 -1.85 -0.13	32.89 -1.94 -0.24
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.42 1.89 0.00	32.54 1.81 0.00	30.27 1.79 0.00	28.93 1.71 0.00	30.23 1.71 0.00	32.57 1.87 0.00	44.04 2.45 0.00	44.95 2.82 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.46 2.92 0.00	38.96 2.99 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.68 3.31 0.00	47.88 3.67 0.00	51.54 3.82 0.00	59.24 4.24 0.00	59.43 4.04 0.00	46.81 2.94 0.00	38.25 2.06 0.00	36.50 1.90 0.00
MUNSVILLE_WIND_PWR 323609	36.26 1.76 -1.97	34.83 1.60 -2.50	32.17 1.45 -2.24	30.62 1.39 -2.02	31.82 1.45 -1.85	33.48 1.60 -1.19	45.86 2.50 -1.78	46.72 2.78 -1.81	45.63 2.60 -1.04	47.22 2.43 -2.83	41.40 1.89 -1.60	43.41 2.12 -2.62	40.30 1.68 -2.08	39.46 1.40 -2.08	43.42 1.86 -3.59	43.02 2.05 -1.60	42.95 1.93 -1.65	50.78 2.47 -4.09	53.02 3.01 -2.29	60.84 4.34 -1.50	61.52 4.21 -1.92	47.38 3.51 0.00	38.93 2.75 0.00	37.02 2.42 0.00
N SALMON___HYD 24042	32.60 0.07 0.00	30.73 0.00 0.00	28.40 -0.09 0.00	27.11 -0.11 0.00	28.37 -0.14 0.00	30.64 -0.06 0.00	41.96 0.37 0.00	42.47 0.34 0.00	42.41 0.42 0.00	42.12 0.17 0.00	37.94 0.04 0.00	38.74 0.08 0.00	36.50 -0.04 0.00	35.87 -0.11 0.00	37.86 -0.11 0.00	39.37 0.00 0.00	39.37 0.00 0.00	44.43 0.22 0.00	48.01 0.29 0.00	54.89 -0.11 0.00	55.33 -0.06 0.00	43.78 -0.09 0.00	36.08 -0.11 0.00	34.60 0.00 0.00
N.AKRON__115KV_KNAPP 355671	22.34 -3.25 6.94	18.88 -3.04 8.81	17.81 -2.79 7.88	17.60 -2.50 7.11	19.16 -2.51 6.84	21.70 -2.76 6.24	29.31 -3.78 8.50	29.79 -3.67 8.68	28.23 -3.70 10.06	28.48 -3.23 10.24	27.73 -3.15 7.02	26.50 -3.32 8.84	25.45 -3.29 7.80	25.33 -3.31 7.34	23.95 -3.38 10.65	20.07 -3.94 15.37	26.76 -3.90 8.71	30.27 -4.29 9.65	33.74 -4.92 9.07	42.44 -5.56 7.01	43.60 -5.48 6.31	36.25 -3.99 3.63	32.07 -3.37 0.75	29.87 -3.39 1.34
N.BELMOR_69_KV_BK1 55787	34.95 2.41 -0.01	33.11 2.37 -0.01	30.76 2.28 0.00	29.43 2.20 -0.01	30.72 2.20 -0.01	33.13 2.43 -0.01	44.76 3.16 -0.01	45.68 3.54 -0.01	45.49 3.49 -0.01	45.49 3.52 -0.01	45.69 3.26 -4.54	47.29 3.36 -5.26	48.12 3.29 -8.30	48.67 3.35 -9.35	48.98 3.49 -7.51	49.72 3.58 -6.77	50.42 3.66 -7.39	55.04 4.07 -6.77	52.03 4.30 -0.01	59.80 4.79 -0.01	62.75 4.65 -2.71	49.10 3.47 -1.76	44.77 2.61 -5.98	38.68 2.49 -1.59
N.E._GEN_SANDY PD 24062	43.51 1.37 -9.61	41.55 1.32 -9.50	38.55 1.28 -8.79	37.87 1.23 -9.43	41.10 1.25 -11.33	47.00 1.35 -14.95	54.00 1.71 -10.71	52.27 1.81 -8.33	46.20 1.80 -2.41	44.38 1.84 -0.59	43.60 1.74 -3.96	44.14 1.78 -3.70	42.37 1.75 -4.08	42.40 1.80 -4.62	41.58 1.86 -1.74	43.60 1.93 -2.30	46.26 1.93 -4.96	48.76 2.12 -2.43	54.50 2.15 -4.63	57.48 2.48 0.00	57.77 2.38 0.00	50.55 1.80 -4.88	42.23 1.45 -4.60	37.18 1.31 -1.27
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.22 1.69 0.00	32.36 1.63 0.00	30.10 1.62 0.00	28.77 1.55 0.00	30.03 1.51 0.00	32.39 1.69 0.00	43.92 2.33 0.00	44.78 2.65 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.44 2.78 0.00	39.31 2.78 0.00	38.82 2.84 0.00	40.94 2.96 0.00	42.36 2.99 0.00	42.40 3.03 0.00	47.57 3.36 0.00	51.21 3.48 0.00	58.96 3.96 0.00	59.10 3.71 0.00	46.55 2.68 0.00	38.07 1.88 0.00	36.36 1.76 0.00
N.QUEENS_27_KV_LOAD 356247	34.52 1.98 0.00	32.79 2.06 0.00	30.41 1.94 0.01	29.03 1.82 0.01	30.30 1.80 0.01	32.60 1.90 0.00	43.74 2.16 0.01	44.70 2.57 0.00	44.76 2.77 0.00	44.85 2.89 0.00	40.67 2.77 0.00	41.52 2.86 0.00	39.39 2.85 0.00	38.93 2.95 0.00	41.05 3.08 0.00	42.56 3.19 0.00	42.64 3.27 0.00	47.79 3.58 0.00	51.40 3.67 0.00	58.91 3.91 0.00	59.10 3.71 0.00	46.55 2.68 0.00	38.09 1.92 0.01	36.49 1.90 0.01
N.TROY___115KV_TB1 355778	33.83 1.30 0.00	31.99 1.26 0.00	29.68 1.20 0.00	28.36 1.14 0.00	29.71 1.20 0.00	31.99 1.29 0.00	43.25 1.66 0.00	43.81 1.69 0.00	43.67 1.68 0.00	43.67 1.72 0.00	39.45 1.55 0.00	40.21 1.55 0.00	38.03 1.50 0.00	37.49 1.51 0.00	39.49 1.52 0.00	41.02 1.65 0.00	41.03 1.65 0.00	45.98 1.77 0.00	49.49 1.77 0.00	57.09 2.09 0.00	57.49 2.10 0.00	45.41 1.54 0.00	37.42 1.23 0.00	35.81 1.21 0.00
NARROWS_GT1_1 24228	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT1_2 24229	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01

NARROWS_GT1_3 24230	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT1_4 24231	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT1_5 24232	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT1_6 24233	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT1_7 24234	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT1_8 24235	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT2_1 24236	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT2_2 24237	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT2_3 24238	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT2_4 24239	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT2_5 24240	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT2_6 24241	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT2_7 24242	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NARROWS_GT2_8 24243	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.09 1.56 0.00	32.24 1.51 0.00	29.88 1.40 0.00	28.55 1.33 0.00	29.88 1.37 0.00	32.14 1.44 0.00	43.34 1.75 0.00	43.90 1.77 0.00	43.54 1.55 0.00	43.46 1.51 0.00	39.15 1.25 0.00	39.86 1.20 0.00	37.63 1.10 0.00	37.13 1.15 0.00	39.04 1.06 0.00	40.59 1.22 0.00	40.71 1.34 0.00	45.71 1.50 0.00	49.35 1.62 0.00	56.98 1.98 0.00	57.49 2.10 0.00	45.54 1.67 0.00	37.52 1.34 0.00	35.91 1.31 0.00



NCHELSEA_115KV_TR2 355582	34.32 1.79 0.00	32.45 1.72 0.00	30.16 1.68 0.00	28.82 1.61 0.00	30.11 1.60 0.00	32.45 1.75 0.00	43.96 2.37 0.00	44.83 2.70 0.00	44.76 2.77 0.00	44.76 2.81 0.00	40.52 2.62 0.00	41.41 2.74 0.00	39.24 2.70 0.00	38.75 2.77 0.00	40.82 2.85 0.00	42.28 2.91 0.00	42.33 2.95 0.00	47.52 3.32 0.00	51.11 3.39 0.00	58.91 3.91 0.00	59.21 3.82 0.00	46.68 2.81 0.00	38.18 1.99 0.00	36.50 1.90 0.00
NEG CAPITAL___MECHNVIL 23645	34.35 1.82 0.00	32.48 1.75 0.00	30.13 1.65 0.00	28.79 1.58 0.00	30.14 1.62 0.00	32.54 1.84 0.00	44.04 2.45 0.00	44.61 2.49 0.00	44.42 2.43 0.00	44.47 2.52 0.00	40.17 2.27 0.00	40.82 2.16 0.00	38.58 2.04 0.00	37.99 2.01 0.00	40.06 2.09 0.00	41.65 2.28 0.00	41.65 2.28 0.00	46.64 2.43 0.00	50.02 2.29 0.00	57.81 2.80 0.00	58.27 2.88 0.00	45.98 2.11 0.00	37.92 1.74 0.00	36.26 1.66 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.43 -2.21 3.89	23.70 -2.09 4.94	22.13 -1.94 4.42	21.46 -1.77 3.99	23.86 -1.77 2.89	29.05 -1.84 -0.19	39.45 -2.41 -0.27	40.17 -2.23 -0.28	41.00 -2.10 -1.11	38.48 -1.93 1.54	36.22 -1.82 -0.14	35.43 -1.97 1.26	34.39 -1.97 0.17	33.26 -2.05 0.67	32.62 -2.16 3.19	37.36 -2.40 -0.39	37.29 -2.48 -0.40	41.09 -2.70 0.42	45.28 -2.86 -0.41	50.85 -3.25 0.90	50.81 -3.21 1.36	42.11 -2.41 -0.65	34.26 -2.06 -0.13	32.76 -2.07 -0.24
NEG CENTRAL___DRP 24199	27.69 -0.55 4.29	24.79 -0.49 5.44	23.13 -0.48 4.87	22.38 -0.44 4.40	25.66 -0.40 2.46	33.13 -0.34 -2.77	45.12 -0.29 -3.83	45.87 -0.17 -3.91	46.78 -0.25 -5.04	43.11 -0.21 -1.37	40.74 -0.30 -3.14	39.76 -0.43 -1.53	39.18 -0.47 -3.12	37.42 -0.54 -1.98	36.07 -0.57 1.34	42.05 -0.71 -3.39	41.85 -0.71 -3.18	46.31 -0.71 -2.81	52.15 -0.52 -4.95	66.78 -0.39 -12.16	70.01 -0.28 -14.90	45.53 -0.18 -1.84	36.31 -0.25 -0.38	34.93 -0.35 -0.68
NEG CENTRAL___INDECK 23768	21.73 -1.40 9.40	17.44 -1.35 11.94	16.46 -1.34 10.68	16.38 -1.20 9.64	27.82 -1.14 -0.44	58.52 -1.04 -28.87	78.74 -2.54 -39.69	80.29 -2.36 -40.52	91.44 -2.60 -52.06	68.02 -2.43 -28.50	67.83 -2.46 -32.39	62.51 -2.82 -26.67	67.13 -2.81 -33.40	59.21 -2.88 -26.11	49.39 -3.07 -14.49	70.00 -3.35 -33.97	67.36 -3.23 -31.22	77.36 -3.36 -36.51	87.55 -3.20 -43.02	77.36 -3.03 -25.38	84.59 -2.82 -32.03	63.38 -0.70 -20.22	39.52 -0.83 -4.16	41.05 -1.00 -7.46
NEG CENTRAL___SENECA 23627	25.55 -0.75 6.23	22.14 -0.68 7.91	20.72 -0.68 7.08	20.20 -0.63 6.39	24.46 -0.57 3.48	34.61 -0.46 -4.37	47.15 -0.46 -6.02	47.98 -0.29 -6.15	49.29 -0.38 -7.68	43.79 -0.34 -2.18	42.35 -0.49 -4.95	40.62 -0.62 -2.58	40.79 -0.69 -4.95	38.44 -0.76 -3.21	35.49 -0.80 1.69	43.73 -0.98 -5.35	43.41 -0.98 -5.02	47.37 -0.97 -4.13	53.88 -0.76 -6.92	72.97 -0.55 -18.51	77.91 -0.44 -22.97	46.46 -0.26 -2.86	36.37 -0.40 -0.59	35.17 -0.48 -1.05
NEG CENTRAL___STATE_STREET 24147	29.86 -0.26 2.41	27.45 -0.22 3.06	25.51 -0.23 2.74	24.52 -0.22 2.47	26.82 -0.20 1.49	31.70 -0.12 -1.13	43.15 0.00 -1.56	43.77 0.04 -1.59	44.19 0.00 -2.20	42.45 0.04 -0.45	39.15 -0.04 -1.29	38.94 -0.15 -0.43	37.61 -0.18 -1.26	36.44 -0.25 -0.71	36.70 -0.23 1.05	40.45 -0.31 -1.40	40.37 -0.31 -1.31	45.95 -0.27 -2.01	50.37 -0.14 -2.79	59.74 0.05 -4.68	60.96 0.11 -5.46	44.68 0.09 -0.72	36.37 0.04 -0.15	34.79 -0.07 -0.27
NEG MILLWOOD___DRP 24198	34.45 1.92 0.00	32.54 1.81 0.00	30.30 1.82 0.00	28.93 1.71 0.00	30.23 1.71 0.00	32.60 1.90 0.00	44.21 2.62 0.00	45.04 2.91 0.00	45.01 3.02 0.00	45.06 3.10 0.00	40.78 2.88 0.00	41.68 3.02 0.00	39.50 2.96 0.00	39.00 3.02 0.00	41.20 3.23 0.00	42.68 3.31 0.00	42.68 3.31 0.00	47.88 3.67 0.00	51.50 3.77 0.00	59.35 4.35 0.00	59.54 4.15 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.57 1.97 0.00
NEG NORTH_FLCN_SEA 23793	32.73 0.20 0.00	30.88 0.15 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.52 0.00 0.00	30.73 0.03 0.00	41.92 0.33 0.00	42.47 0.34 0.00	42.33 0.34 0.00	42.08 0.13 0.00	37.94 0.04 0.00	38.70 0.04 0.00	36.46 -0.07 0.00	35.83 -0.14 0.00	37.86 -0.11 0.00	39.37 0.00 0.00	39.37 0.00 0.00	44.39 0.18 0.00	47.96 0.24 0.00	55.22 0.22 0.00	55.67 0.28 0.00	44.09 0.22 0.00	36.29 0.11 0.00	34.80 0.21 0.00
NEG NORTH_KES_CHATEGAY 23792	32.43 -0.10 0.00	30.58 -0.15 0.00	28.28 -0.20 0.00	27.00 -0.22 0.00	28.23 -0.29 0.00	30.45 -0.25 0.00	41.46 -0.12 0.00	41.96 -0.17 0.00	41.78 -0.21 0.00	41.53 -0.42 0.00	37.45 -0.45 0.00	38.20 -0.46 0.00	35.99 -0.55 0.00	35.40 -0.58 0.00	37.37 -0.61 0.00	38.86 -0.51 0.00	38.94 -0.43 0.00	43.85 -0.35 0.00	47.44 -0.29 0.00	54.62 -0.39 0.00	55.06 -0.33 0.00	43.61 -0.26 0.00	35.90 -0.29 0.00	34.42 -0.17 0.00
NEG NORTH___ALICE_FALLS 23915	32.76 0.23 0.00	30.88 0.15 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.52 0.00 0.00	30.76 0.06 0.00	42.05 0.46 0.00	42.47 0.34 0.00	42.33 0.34 0.00	42.08 0.13 0.00	37.90 0.00 0.00	38.70 0.04 0.00	36.46 -0.07 0.00	35.83 -0.14 0.00	37.86 -0.11 0.00	39.41 0.04 0.00	39.45 0.08 0.00	44.47 0.27 0.00	48.11 0.38 0.00	55.39 0.39 0.00	55.83 0.44 0.00	44.22 0.35 0.00	36.37 0.18 0.00	34.87 0.28 0.00
NEG NORTH___LWR_SARANAC 23913	32.76 0.23 0.00	30.88 0.15 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.52 0.00 0.00	30.76 0.06 0.00	42.05 0.46 0.00	42.47 0.34 0.00	42.33 0.34 0.00	42.08 0.13 0.00	37.90 0.00 0.00	38.70 0.04 0.00	36.46 -0.07 0.00	35.83 -0.14 0.00	37.86 -0.11 0.00	39.41 0.04 0.00	39.45 0.08 0.00	44.47 0.27 0.00	48.11 0.38 0.00	55.39 0.39 0.00	55.83 0.44 0.00	44.22 0.35 0.00	36.37 0.18 0.00	34.87 0.28 0.00
NEG NORTH___PLATTSBURG 23628	32.76 0.23 0.00	30.88 0.15 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.52 0.00 0.00	30.76 0.06 0.00	42.05 0.46 0.00	42.47 0.34 0.00	42.32 0.33 0.00	42.08 0.13 0.00	37.90 0.00 0.00	38.70 0.04 0.00	36.46 -0.07 0.00	35.83 -0.14 0.00	37.86 -0.11 0.00	39.41 0.04 0.00	39.45 0.08 0.00	44.48 0.27 0.00	48.11 0.38 0.00	55.39 0.39 0.00	55.83 0.44 0.00	44.22 0.35 0.00	36.37 0.18 0.00	34.87 0.28 0.00
NEG WEST_LEA_LOCKPORT 23791	21.24 -3.87 7.42	17.71 -3.60 9.42	16.78 -3.28 8.43	16.59 -3.02 7.61	17.91 -3.05 7.55	19.68 -3.41 7.61	26.47 -4.74 10.37	26.82 -4.72 10.59	24.77 -4.70 12.51	25.69 -4.24 12.02	25.33 -4.02 8.56	24.08 -4.18 10.41	23.05 -4.06 9.43	23.21 -4.03 8.74	21.77 -4.10 12.11	21.40 -4.72 13.24	24.46 -4.72 10.19	27.33 -5.31 11.58	30.61 -6.01 11.10	40.03 -6.93 8.04	41.02 -6.81 7.56	34.25 -5.05 4.58	31.08 -4.16 0.94	28.79 -4.12 1.69
NEG WEST___LANCASTR 23811	21.06 -2.08 9.39	16.91 -1.91 11.92	16.08 -1.74 10.66	16.01 -1.58 9.62	17.65 -1.57 9.30	20.04 -1.75 8.91	27.07 -2.37 12.15	27.54 -2.19 12.40	24.49 -2.14 15.35	25.54 -1.97 14.43	26.00 -1.93 9.96	24.33 -2.05 12.28	23.57 -2.05 10.92	23.70 -2.05 10.23	21.30 -2.01 14.66	23.17 -2.52 13.68	25.50 -2.52 11.35	27.84 -2.79 13.59	31.83 -2.82 13.08	43.35 -3.08 8.57	43.52 -2.99 8.88	36.01 -2.06 5.80	33.18 -1.81 1.20	30.55 -1.90 2.14

NEG_PENN_ALLEGHNY 23528	41.03 0.23 -8.27	41.47 0.24 -10.50	38.07 0.20 -9.39	35.91 0.22 -8.48	34.91 0.26 -6.14	30.67 0.31 0.33	41.64 0.54 0.48	42.31 0.67 0.49	40.87 0.71 1.84	46.39 0.76 -3.68	38.33 0.68 0.25	42.16 0.70 -2.80	37.58 0.66 -0.39	38.04 0.57 -1.49	45.73 0.64 -7.11	39.44 0.55 0.48	39.59 0.47 0.26	44.04 0.53 0.70	48.12 0.62 0.22	55.56 0.83 0.27	55.99 0.83 0.23	43.36 0.66 1.17	36.38 0.44 0.24	34.51 0.35 0.43
NEG___GEN_MONROE 24207	25.63 -2.15 4.76	22.66 -2.03 6.04	21.20 -1.88 5.40	20.68 -1.66 4.88	23.06 -1.65 3.81	28.13 -1.75 0.82	39.26 -2.33 0.00	39.98 -2.15 0.00	39.85 -2.14 0.00	37.72 -2.01 2.22	35.93 -1.97 -0.01	35.01 -2.13 1.53	34.22 -2.12 0.20	32.98 -2.19 0.81	31.79 -2.28 3.91	29.83 -2.64 6.91	34.83 -2.72 1.83	40.42 -2.92 0.87	44.67 -3.05 0.00	50.59 -3.36 1.06	50.48 -3.27 1.64	41.50 -2.37 0.00	34.19 -1.99 0.00	32.59 -2.01 0.00
NEPA___ENERGY 23901	20.38 -2.64 9.52	16.19 -2.46 12.08	15.45 -2.22 10.81	15.36 -2.10 9.76	16.88 -2.14 9.49	19.10 -2.30 9.29	25.76 -3.16 12.67	26.12 -3.08 12.94	22.90 -3.15 15.94	24.05 -2.98 14.92	24.80 -2.69 10.41	23.08 -2.82 12.76	22.37 -2.74 11.42	22.59 -2.73 10.66	20.11 -2.77 15.09	21.97 -3.27 14.14	24.21 -3.35 11.82	26.39 -3.67 14.15	30.36 -3.72 13.64	42.33 -3.91 8.77	42.37 -3.82 9.20	35.10 -2.76 6.01	32.52 -2.42 1.24	29.92 -2.46 2.22
NEVERSINK___HYD 23608	35.53 2.02 -0.98	33.88 1.91 -1.25	31.45 1.85 -1.11	29.99 1.77 -1.01	30.98 1.74 -0.73	32.60 1.90 0.00	44.25 2.66 0.00	45.16 3.04 0.00	45.05 3.06 0.00	45.10 3.15 0.00	40.74 2.84 0.00	41.64 2.98 0.00	39.46 2.92 0.00	38.89 2.91 0.00	40.90 2.92 0.00	42.36 2.99 0.00	42.45 3.07 0.00	47.70 3.49 0.00	51.31 3.58 0.00	59.18 4.18 0.00	59.60 4.21 0.00	47.12 3.25 0.00	38.54 2.35 0.00	36.67 2.08 0.00
NEWKRMKL_115KV_TB1 55635	33.54 1.01 0.00	31.71 0.98 0.00	29.42 0.94 0.00	28.11 0.90 0.00	29.43 0.91 0.00	31.62 0.92 0.00	42.50 0.91 0.00	43.06 0.93 0.00	42.87 0.88 0.00	42.92 0.96 0.00	38.85 0.95 0.00	39.59 0.93 0.00	37.45 0.91 0.00	36.95 0.97 0.00	38.92 0.95 0.00	40.43 1.06 0.00	40.44 1.06 0.00	45.14 0.93 0.00	48.63 0.91 0.00	56.05 1.05 0.00	56.44 1.05 0.00	44.57 0.70 0.00	36.87 0.69 0.00	35.25 0.66 0.00
NEWTON___FALLS_HYD 23847	32.08 -0.46 0.00	30.18 -0.55 0.00	27.88 -0.60 0.00	26.56 -0.65 0.00	27.75 -0.77 0.00	29.90 -0.80 0.00	40.72 -0.87 0.00	40.99 -1.14 0.00	40.82 -1.30 -0.13	40.49 -1.59 -0.13	36.35 -1.55 0.00	36.92 -1.74 0.00	34.75 -1.79 0.00	34.14 -1.83 0.00	36.19 -1.78 0.00	37.72 -1.65 0.00	37.72 -1.65 0.00	42.44 -1.77 0.00	46.94 -1.34 -0.55	54.53 -0.94 -0.46	54.77 -1.00 -0.38	43.17 -0.70 0.00	35.79 -0.40 0.00	34.32 -0.28 0.00
NGRID_A1_DSASP 323792	20.87 -4.00 7.66	17.31 -3.69 9.73	16.39 -3.39 8.71	16.23 -3.13 7.86	17.63 -3.17 7.72	19.25 -3.50 7.95	25.87 -4.87 10.85	26.33 -4.72 11.08	23.15 -4.66 14.18	24.98 -4.40 12.57	24.85 -4.17 8.88	23.69 -4.29 10.68	22.68 -4.20 9.66	22.88 -4.14 8.96	21.31 -4.22 12.45	21.84 -4.80 12.72	24.24 -4.80 10.33	26.76 -5.44 12.01	30.06 -5.92 11.75	39.37 -7.10 8.54	39.54 -7.03 8.82	33.22 -5.18 5.48	30.77 -4.27 1.14	28.34 -4.22 2.04
NGRID_A2_DSASP 323793	20.87 -4.00 7.66	17.31 -3.69 9.73	16.39 -3.39 8.71	16.23 -3.13 7.86	17.63 -3.17 7.72	19.25 -3.50 7.95	25.87 -4.87 10.85	26.33 -4.72 11.08	23.15 -4.66 14.18	24.98 -4.40 12.57	24.85 -4.17 8.88	23.69 -4.29 10.68	22.68 -4.20 9.66	22.88 -4.14 8.96	21.31 -4.22 12.45	21.84 -4.80 12.72	24.24 -4.80 10.33	26.76 -5.44 12.01	30.06 -5.92 11.75	39.37 -7.10 8.54	39.54 -7.03 8.82	33.22 -5.18 5.48	30.77 -4.27 1.14	28.34 -4.22 2.04
NGRID_A4_DSASP 323807	20.87 -4.00 7.66	17.31 -3.69 9.73	16.39 -3.39 8.71	16.23 -3.13 7.86	17.63 -3.17 7.72	19.25 -3.50 7.95	25.87 -4.87 10.85	26.33 -4.72 11.08	23.15 -4.66 14.18	24.98 -4.40 12.57	24.85 -4.17 8.88	23.69 -4.29 10.68	22.68 -4.20 9.66	22.88 -4.14 8.96	21.31 -4.22 12.45	21.84 -4.80 12.72	24.24 -4.80 10.33	26.76 -5.44 12.01	30.06 -5.92 11.75	39.37 -7.10 8.54	39.54 -7.03 8.82	33.22 -5.18 5.48	30.77 -4.27 1.14	28.34 -4.22 2.04
NIAGARA_115E_LBMP 323715	20.71 -4.16 7.65	17.17 -3.84 9.71	16.28 -3.50 8.69	16.16 -3.21 7.85	17.47 -3.25 7.80	19.14 -3.65 7.91	25.04 -5.70 10.85	25.45 -5.60 11.08	22.95 -5.37 13.66	24.69 -4.70 12.57	24.83 -4.21 8.86	23.60 -4.44 10.61	22.52 -4.42 9.59	22.76 -4.32 8.90	21.21 -4.37 12.40	21.66 -5.04 12.67	24.05 -5.04 10.28	26.57 -5.70 11.94	29.21 -6.92 11.60	38.72 -8.03 8.25	39.33 -7.98 8.09	32.98 -5.88 5.01	30.38 -4.78 1.03	27.97 -4.77 1.85
NIAGARA_115W_LBMP 323714	20.87 -4.00 7.66	17.31 -3.69 9.73	16.39 -3.39 8.70	16.23 -3.13 7.85	17.63 -3.17 7.72	19.28 -3.47 7.94	25.73 -4.95 10.91	26.23 -4.76 11.14	22.99 -4.58 14.43	24.97 -4.36 12.62	24.98 -4.02 8.90	23.74 -4.25 10.67	22.69 -4.20 9.65	22.89 -4.14 8.95	21.31 -4.22 12.45	21.85 -4.80 12.72	24.24 -4.80 10.33	26.72 -5.48 12.00	30.02 -5.97 11.74	39.07 -7.43 8.51	39.19 -7.42 8.78	33.13 -5.27 5.48	30.70 -4.34 1.14	28.31 -4.26 2.03
NIAGARA_230_LBMP 323716	20.86 -4.04 7.63	17.32 -3.72 9.69	16.39 -3.42 8.67	16.23 -3.16 7.83	17.64 -3.19 7.68	19.31 -3.50 7.89	25.77 -4.99 10.83	26.23 -4.84 11.06	22.97 -4.66 14.36	25.00 -4.40 12.55	25.01 -4.05 8.84	23.77 -4.29 10.59	22.73 -4.24 9.57	22.92 -4.17 8.88	21.35 -4.25 12.38	21.88 -4.84 12.65	24.23 -4.88 10.26	26.76 -5.53 11.92	30.00 -6.06 11.66	39.53 -6.99 8.49	39.65 -6.98 8.76	33.28 -5.13 5.46	30.83 -4.23 1.12	28.43 -4.15 2.01
NIAGARA___115KV_198_GIBSON 55903	20.87 -4.00 7.66	17.28 -3.72 9.73	16.39 -3.39 8.70	16.23 -3.13 7.85	17.63 -3.17 7.72	19.22 -3.53 7.94	25.88 -4.87 10.85	26.34 -4.72 11.07	23.16 -4.66 14.17	24.98 -4.40 12.56	24.86 -4.17 8.87	23.66 -4.33 10.67	22.69 -4.20 9.65	22.89 -4.14 8.95	21.31 -4.22 12.45	21.85 -4.80 12.72	24.20 -4.84 10.33	26.77 -5.44 12.00	30.02 -5.97 11.74	39.32 -7.15 8.53	39.49 -7.09 8.81	33.13 -5.26 5.48	30.70 -4.34 1.14	28.31 -4.26 2.03
NIAGARA____ 23760	20.86 -4.04 7.64	17.31 -3.72 9.70	16.39 -3.42 8.67	16.23 -3.16 7.83	17.64 -3.19 7.68	19.31 -3.50 7.89	25.76 -4.99 10.83	26.22 -4.84 11.06	23.28 -4.66 14.05	25.00 -4.40 12.55	25.00 -4.05 8.84	23.77 -4.29 10.60	22.72 -4.24 9.58	22.92 -4.17 8.89	21.35 -4.25 12.38	21.88 -4.84 12.65	24.23 -4.88 10.26	26.76 -5.53 11.92	30.02 -6.06 11.64	39.60 -6.99 8.42	39.85 -6.98 8.56	33.43 -5.13 5.31	30.86 -4.23 1.09	28.53 -4.15 1.92
NINE_MILE_1 23575	31.49 -1.04 0.00	29.78 -0.95 0.00	27.60 -0.88 0.00	26.37 -0.84 0.00	27.66 -0.85 0.00	29.78 -0.92 0.00	40.34 -1.25 0.00	40.78 -1.35 0.00	39.08 -1.35 1.57	39.04 -1.30 1.61	36.69 -1.21 0.00	37.42 -1.24 0.00	35.37 -1.17 0.00	34.79 -1.19 0.00	36.72 -1.25 0.00	38.03 -1.34 0.00	37.99 -1.38 0.00	42.66 -1.55 0.00	39.42 -1.62 6.68	47.63 -1.81 5.56	48.94 -1.83 4.62	42.46 -1.41 0.00	35.06 -1.12 0.00	33.56 -1.04 0.00

NINE_MILE_2 23744	31.49 -1.04 0.00	29.78 -0.95 0.00	27.60 -0.88 0.00	26.37 -0.84 0.00	27.66 -0.85 0.00	29.78 -0.92 0.00	40.34 -1.25 0.00	40.78 -1.35 0.00	39.05 -1.35 1.59	39.01 -1.30 1.64	36.73 -1.18 0.00	37.42 -1.24 0.00	35.37 -1.17 0.00	34.79 -1.19 0.00	36.72 -1.25 0.00	38.03 -1.34 0.00	37.99 -1.38 0.00	42.71 -1.50 0.00	39.32 -1.62 6.78	47.55 -1.81 5.64	48.87 -1.83 4.69	42.46 -1.41 0.00	35.06 -1.12 0.00	33.56 -1.04 0.00
NM_CAPITAL___DRP 24208	33.54 1.01 0.00	31.74 1.01 0.00	29.42 0.94 0.00	28.11 0.90 0.00	29.46 0.94 0.00	31.68 0.98 0.00	42.59 1.00 0.00	43.14 1.01 0.00	43.00 1.01 0.00	43.00 1.05 0.00	38.92 1.02 0.00	39.67 1.01 0.00	37.52 0.99 0.00	37.02 1.04 0.00	39.00 1.03 0.00	40.51 1.14 0.00	40.51 1.14 0.00	45.27 1.06 0.00	48.77 1.05 0.00	56.16 1.16 0.00	56.55 1.16 0.00	44.70 0.83 0.00	36.94 0.76 0.00	35.32 0.73 0.00
NM_CENTRAL___DRP 24181	32.21 -0.33 0.00	30.45 -0.28 0.00	28.20 -0.28 0.00	26.97 -0.24 0.00	28.29 -0.23 0.00	30.48 -0.21 0.00	41.38 -0.21 0.00	41.92 -0.21 0.00	42.00 -0.21 -0.22	42.05 -0.13 -0.22	37.79 -0.11 0.00	38.51 -0.15 0.00	36.39 -0.15 0.00	35.76 -0.22 0.00	37.75 -0.23 0.00	39.09 -0.28 0.00	39.02 -0.35 0.00	43.81 -0.40 0.00	48.27 -0.38 -0.92	56.03 -0.33 -1.36	56.43 -0.33 -1.38	43.65 -0.22 0.00	36.04 -0.14 0.00	34.39 -0.21 0.00
NM_FRONTIER___DRP 24179	20.87 -4.00 7.66	17.28 -3.72 9.73	16.39 -3.39 8.70	16.23 -3.13 7.85	17.63 -3.17 7.72	19.22 -3.53 7.94	25.88 -4.87 10.85	26.34 -4.72 11.07	23.16 -4.66 14.17	24.98 -4.40 12.56	24.86 -4.17 8.87	23.66 -4.33 10.67	22.69 -4.20 9.65	22.89 -4.14 8.95	21.31 -4.22 12.45	21.85 -4.80 12.72	24.20 -4.84 10.33	26.77 -5.44 12.00	30.02 -5.97 11.74	39.32 -7.15 8.53	39.49 -7.09 8.81	33.13 -5.26 5.48	30.70 -4.34 1.14	28.31 -4.26 2.03
NM_ST_REGIS___HYD 24053	31.91 -0.62 0.00	30.05 -0.68 0.00	27.77 -0.71 0.00	26.51 -0.71 0.00	27.72 -0.80 0.00	29.87 -0.83 0.00	40.84 -0.75 0.00	41.20 -0.93 0.00	41.06 -1.01 -0.08	40.69 -1.34 -0.08	36.57 -1.33 0.00	37.00 -1.66 0.00	34.82 -1.72 0.00	34.25 -1.73 0.00	36.23 -1.75 0.00	37.72 -1.65 0.00	37.60 -1.77 0.00	42.17 -2.03 0.00	46.15 -1.91 -0.34	54.07 -1.21 -0.28	54.41 -1.22 -0.23	42.95 -0.92 0.00	35.50 -0.69 0.00	34.18 -0.42 0.00
NORTHPORT___1 23551	35.01 2.47 -0.01	33.10 2.37 -0.01	30.73 2.25 0.00	29.43 2.20 -0.01	30.75 2.23 -0.01	33.16 2.46 -0.01	44.72 3.12 -0.01	45.59 3.46 -0.01	45.36 3.36 -0.01	45.36 3.40 -0.01	44.38 3.14 -3.33	45.78 3.25 -3.87	45.81 3.18 -6.10	46.01 3.17 -6.87	46.80 3.30 -5.52	47.65 3.31 -4.98	48.15 3.34 -5.43	54.80 3.71 -6.88	53.00 3.86 -1.41	63.76 4.29 -4.47	66.97 4.21 -7.37	48.35 3.16 -1.32	43.22 2.64 -4.39	38.15 2.39 -1.17
NORTHPORT___2 23552	34.91 2.37 -0.01	33.04 2.31 -0.01	30.67 2.19 0.00	29.37 2.15 -0.01	30.69 2.17 -0.01	33.07 2.36 -0.01	44.63 3.03 -0.01	45.51 3.37 -0.01	45.28 3.28 -0.01	45.27 3.31 -0.01	44.30 3.07 -3.33	45.70 3.17 -3.87	45.74 3.10 -6.10	45.95 3.09 -6.87	46.69 3.19 -5.52	47.50 3.15 -4.98	47.99 3.19 -5.43	47.93 3.49 -0.23	47.93 3.68 3.47	47.93 4.01 11.09	47.93 3.93 11.39	48.10 2.98 -1.25	43.15 2.57 -4.40	38.08 2.32 -1.17
NORTHPORT___3 23553	34.88 2.34 -0.01	33.01 2.27 -0.01	30.67 2.19 0.00	29.35 2.12 -0.01	30.66 2.14 -0.01	33.04 2.33 -0.01	44.63 3.03 -0.01	45.51 3.37 -0.01	45.28 3.28 -0.01	45.27 3.31 -0.01	44.31 3.07 -3.34	45.71 3.17 -3.88	45.75 3.10 -6.11	45.96 3.09 -6.89	46.70 3.19 -5.53	47.51 3.15 -4.99	48.00 3.19 -5.44	49.87 3.45 -2.21	49.33 3.63 2.03	52.49 3.96 6.48	53.49 3.93 5.83	48.08 2.94 -1.27	43.16 2.57 -4.41	38.05 2.28 -1.17
NORTHPORT___4 23650	34.88 2.34 -0.01	33.01 2.27 -0.01	30.67 2.19 0.00	29.35 2.12 -0.01	30.66 2.14 -0.01	33.04 2.33 -0.01	44.63 3.03 -0.01	45.51 3.37 -0.01	45.28 3.28 -0.01	45.27 3.31 -0.01	44.31 3.07 -3.34	45.71 3.17 -3.88	45.75 3.10 -6.11	45.96 3.09 -6.89	46.70 3.19 -5.53	47.51 3.15 -4.99	48.00 3.19 -5.44	49.87 3.45 -2.21	49.33 3.63 2.03	52.49 3.96 6.48	53.49 3.93 5.83	48.08 2.94 -1.27	43.16 2.57 -4.41	38.05 2.28 -1.17
NORTHPORT___IC 23718	34.91 2.37 -0.01	33.04 2.30 -0.01	30.67 2.19 0.00	29.37 2.15 -0.01	30.69 2.17 -0.01	33.07 2.36 -0.01	44.63 3.04 -0.01	45.51 3.37 -0.01	45.31 3.32 -0.01	45.27 3.31 -0.01	44.34 3.11 -3.33	45.74 3.21 -3.87	45.74 3.11 -6.10	45.94 3.09 -6.87	46.69 3.19 -5.52	47.50 3.15 -4.98	47.99 3.19 -5.43	47.93 3.49 -0.23	47.93 3.67 3.47	47.93 4.02 11.09	47.93 3.93 11.39	48.06 2.94 -1.25	43.08 2.50 -4.40	38.15 2.39 -1.17
NORTH___COUNTRY_ESR 323785	32.37 -0.16 0.00	30.52 -0.21 0.00	28.22 -0.26 0.00	26.94 -0.27 0.00	28.20 -0.31 0.00	30.39 -0.31 0.00	41.34 -0.25 0.00	41.84 -0.29 0.00	41.74 -0.25 0.00	41.53 -0.42 0.00	37.45 -0.45 0.00	38.20 -0.46 0.00	36.02 -0.51 0.00	35.44 -0.54 0.00	37.41 -0.57 0.00	38.90 -0.47 0.00	38.90 -0.47 0.00	43.81 -0.40 0.00	47.34 -0.38 0.00	54.45 -0.55 0.00	54.89 -0.50 0.00	43.47 -0.40 0.00	35.86 -0.33 0.00	34.36 -0.24 0.00
NPX_GEN_1385_PROXY 323591	34.91 2.37 -0.01	33.04 2.31 -0.01	30.67 2.19 0.00	29.37 2.15 -0.01	30.69 2.17 -0.01	33.07 2.36 -0.01	44.63 3.03 -0.01	47.57 3.37 -2.07	43.22 3.28 2.05	45.27 3.31 -0.01	44.30 3.07 -3.33	45.70 3.17 -3.87	45.74 3.10 -6.10	45.95 3.09 -6.87	46.69 3.19 -5.52	47.50 3.15 -4.98	47.99 3.19 -5.43	47.93 3.49 -0.23	47.93 3.68 3.47	47.93 4.01 11.09	47.93 3.93 11.39	48.10 2.98 -1.25	43.15 2.57 -4.40	38.08 2.32 -1.17
NPX_GEN_CSC 323557	35.57 3.03 -0.01	33.56 2.83 -0.01	31.13 2.65 0.00	29.86 2.64 -0.01	31.20 2.68 -0.01	33.65 2.95 -0.01	45.30 3.70 -0.01	48.20 4.00 -2.07	43.68 3.74 2.05	45.61 3.65 -0.01	44.61 3.34 -3.37	46.01 3.44 -3.91	46.06 3.36 -6.17	46.31 3.38 -6.95	47.13 3.57 -5.58	48.07 3.66 -5.03	48.68 3.82 -5.49	54.58 4.24 -6.13	52.97 4.44 -0.81	62.52 4.95 -2.56	65.42 4.93 -5.10	48.97 3.77 -1.32	43.63 3.00 -4.45	38.51 2.73 -1.18
NSINS_S_GLNS_FALLS 23858	34.58 2.05 0.00	32.70 1.97 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.34 1.82 0.00	32.82 2.12 0.00	44.50 2.91 0.00	45.04 2.91 0.00	44.84 2.86 0.00	44.89 2.94 0.00	40.40 2.50 0.00	41.02 2.36 0.00	38.69 2.16 0.00	38.06 2.09 0.00	40.10 2.13 0.00	41.73 2.36 0.00	41.73 2.36 0.00	46.77 2.56 0.00	50.16 2.43 0.00	58.14 3.14 0.00	58.66 3.27 0.00	46.20 2.33 0.00	38.03 1.85 0.00	36.43 1.83 0.00
NUCOR_STEEL___DRP 24197	30.41 -0.13 1.99	28.11 -0.09 2.52	26.11 -0.11 2.26	25.09 -0.08 2.04	26.98 -0.06 1.48	30.70 0.00 0.00	41.71 0.12 0.00	42.26 0.13 0.00	42.39 0.13 -0.28	41.50 0.17 0.62	37.98 0.08 0.00	38.03 0.00 0.63	36.41 -0.04 0.09	35.54 -0.11 0.33	36.30 -0.08 1.60	39.21 -0.16 0.00	39.18 -0.20 0.00	44.63 -0.13 -0.55	48.91 0.00 -1.19	57.67 0.11 -2.56	58.39 0.22 -2.78	44.09 0.22 0.00	36.37 0.18 0.00	34.67 0.07 0.00

NUMBER_THREE_WT_PWR 323818	32.73 0.20 0.00	30.70 -0.03 0.00	28.37 -0.11 0.00	26.92 -0.30 0.00	28.12 -0.40 0.00	30.21 -0.49 0.00	40.92 -0.67 0.00	41.29 -0.84 0.00	41.09 -1.05 -0.15	40.81 -1.30 -0.16	36.61 -1.29 0.00	37.35 -1.31 0.00	35.11 -1.43 0.00	34.54 -1.44 0.00	36.68 -1.29 0.00	38.27 -1.10 0.00	38.47 -0.90 0.00	43.41 -0.79 0.00	48.47 0.10 -0.65	56.57 0.71 -0.86	56.84 0.61 -0.84	44.44 0.57 0.00	36.73 0.54 0.00	35.08 0.48 0.00
NYISO_LBMP_REFERENCE 24008	32.53 0.00 0.00	30.73 0.00 0.00	28.48 0.00 0.00	27.21 0.00 0.00	28.52 0.00 0.00	30.70 0.00 0.00	41.59 0.00 0.00	42.13 0.00 0.00	41.99 0.00 0.00	41.95 0.00 0.00	37.90 0.00 0.00	38.66 0.00 0.00	36.54 0.00 0.00	35.98 0.00 0.00	37.98 0.00 0.00	39.37 0.00 0.00	39.37 0.00 0.00	44.21 0.00 0.00	47.72 0.00 0.00	55.00 0.00 0.00	55.39 0.00 0.00	43.87 0.00 0.00	36.19 0.00 0.00	34.60 0.00 0.00
NYPA_BRENTWD____GT 24164	35.34 2.80 -0.01	33.38 2.64 -0.01	30.99 2.51 0.00	29.70 2.48 -0.01	31.03 2.51 -0.01	33.47 2.76 -0.01	45.13 3.53 -0.01	46.01 3.87 -0.01	45.82 3.82 -0.01	45.78 3.82 -0.01	44.85 3.53 -3.42	46.26 3.63 -3.97	46.30 3.51 -6.26	46.56 3.53 -7.05	47.36 3.72 -5.67	48.26 3.78 -5.11	48.80 3.86 -5.57	54.66 4.29 -6.16	52.99 4.48 -0.78	62.49 5.00 -2.48	65.41 4.99 -5.03	48.94 3.73 -1.34	43.74 3.04 -4.51	38.56 2.77 -1.20
NYPA_GOWANUS____GT5 24156	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NYPA_GOWANUS____GT6 24157	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.81 2.12 0.00	44.25 2.66 0.00	45.20 3.07 0.00	45.14 3.15 0.00	45.23 3.27 0.00	40.93 3.03 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.92 3.54 0.00	42.99 3.62 0.00	48.33 4.11 -0.01	51.93 4.20 -0.01	59.57 4.56 -0.01	59.77 4.37 -0.01	47.17 3.29 -0.01	38.62 2.42 -0.01	36.75 2.15 -0.01
NYPA_HARLEM__RVR__GT1 24160	34.51 1.98 0.01	32.80 2.06 -0.01	30.40 1.94 0.02	29.04 1.82 -0.01	30.33 1.83 0.02	32.60 1.90 0.00	43.75 2.16 0.00	44.65 2.53 0.01	44.67 2.69 0.01	44.80 2.85 0.01	40.54 2.65 0.01	41.44 2.79 0.01	39.34 2.81 0.01	38.85 2.88 0.01	41.01 3.04 0.01	42.47 3.11 0.01	42.55 3.19 0.01	47.78 3.58 0.01	51.34 3.63 0.01	58.84 3.85 0.01	59.04 3.65 0.01	46.54 2.68 0.01	38.16 1.99 0.02	36.41 1.83 0.02
NYPA_HARLEM__RVR__GT2 24161	34.51 1.98 0.01	32.80 2.06 -0.01	30.40 1.94 0.02	29.04 1.82 -0.01	30.33 1.83 0.02	32.60 1.90 0.00	43.75 2.16 0.00	44.65 2.53 0.01	44.67 2.69 0.01	44.80 2.85 0.01	40.54 2.65 0.01	41.44 2.79 0.01	39.34 2.81 0.01	38.85 2.88 0.01	41.01 3.04 0.01	42.47 3.11 0.01	42.55 3.19 0.01	47.78 3.58 0.01	51.34 3.63 0.01	58.84 3.85 0.01	59.04 3.65 0.01	46.54 2.68 0.01	38.16 1.99 0.02	36.41 1.83 0.02
NYPA_KENT____GT 24152	34.62 2.08 0.00	32.73 2.00 0.00	30.51 2.02 -0.01	29.18 1.96 -0.01	30.43 1.91 0.00	32.75 2.06 0.00	44.17 2.58 0.00	45.12 2.99 0.00	45.05 3.06 0.00	45.14 3.19 0.00	40.86 2.96 0.00	41.75 3.09 0.00	39.61 3.07 0.00	39.14 3.17 0.00	41.32 3.34 0.00	42.84 3.47 0.00	42.92 3.54 0.00	48.19 3.98 0.00	51.78 4.05 0.00	59.41 4.40 0.00	59.60 4.21 0.00	47.04 3.16 0.00	38.51 2.32 0.00	36.64 2.04 0.00
NYPA_POUCH1____GT 24155	34.78 2.24 -0.01	32.92 2.18 -0.01	30.68 2.19 -0.01	29.32 2.10 -0.01	30.57 2.05 0.00	32.88 2.18 0.00	44.33 2.74 0.00	45.25 3.12 0.00	45.14 3.15 0.00	45.26 3.31 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.43 3.46 0.00	42.95 3.58 0.00	43.03 3.66 0.00	48.37 4.15 -0.01	51.98 4.25 -0.01	59.63 4.62 -0.01	59.88 4.48 -0.01	47.21 3.33 -0.01	38.73 2.53 -0.01	36.82 2.22 -0.01
NYPA_VERNON____GT2 24162	34.52 1.98 0.00	32.64 1.91 0.00	30.45 1.96 -0.01	29.10 1.88 -0.01	30.34 1.83 0.00	32.66 1.97 0.00	44.08 2.50 0.00	45.03 2.90 0.00	44.97 2.98 0.00	45.06 3.10 0.00	40.78 2.88 0.00	41.68 3.02 0.00	39.57 3.03 0.00	39.07 3.09 0.00	41.24 3.27 0.00	42.72 3.34 0.00	42.80 3.42 0.00	48.05 3.84 0.00	51.69 3.96 0.00	59.24 4.24 0.00	59.43 4.04 0.00	46.90 3.02 0.00	38.43 2.24 0.00	36.53 1.94 0.00
NYPA_VERNON____GT3 24163	34.52 1.98 0.00	32.64 1.91 0.00	30.45 1.96 -0.01	29.10 1.88 -0.01	30.34 1.83 0.00	32.66 1.97 0.00	44.08 2.50 0.00	45.03 2.90 0.00	44.97 2.98 0.00	45.06 3.10 0.00	40.78 2.88 0.00	41.68 3.02 0.00	39.57 3.03 0.00	39.07 3.09 0.00	41.24 3.27 0.00	42.72 3.34 0.00	42.80 3.42 0.00	48.05 3.84 0.00	51.69 3.96 0.00	59.24 4.24 0.00	59.43 4.04 0.00	46.90 3.02 0.00	38.43 2.24 0.00	36.53 1.94 0.00
NYPA__ASTORIA_CC1 323568	34.48 1.95 0.00	32.64 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.83 0.00	32.66 1.97 0.00	44.00 2.41 0.00	44.95 2.82 0.00	44.88 2.90 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.07 4.07 0.00	59.32 3.93 0.00	46.81 2.94 0.00	38.36 2.17 0.00	36.50 1.90 0.00
NYPA__ASTORIA_CC2 323569	34.48 1.95 0.00	32.64 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.83 0.00	32.66 1.97 0.00	44.00 2.41 0.00	44.95 2.82 0.00	44.88 2.90 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.49 2.96 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.07 4.07 0.00	59.32 3.93 0.00	46.81 2.94 0.00	38.36 2.17 0.00	36.50 1.90 0.00
NYPA__HOLTSVILL 23794	35.30 2.76 -0.01	33.32 2.58 -0.01	30.93 2.45 0.00	29.64 2.42 -0.01	30.98 2.45 -0.01	33.41 2.70 -0.01	44.96 3.37 -0.01	45.80 3.66 -0.01	45.53 3.53 -0.01	45.44 3.48 -0.01	44.49 3.22 -3.37	45.90 3.33 -3.91	45.95 3.25 -6.16	46.19 3.27 -6.94	46.97 3.42 -5.58	47.90 3.50 -5.03	48.44 3.58 -5.49	54.35 3.98 -6.16	52.77 4.20 -0.84	62.29 4.62 -2.66	65.20 4.59 -5.22	48.66 3.46 -1.32	43.45 2.82 -4.44	38.37 2.60 -1.18
NYPA__HELLGATE_GT1 24158	34.52 1.98 -0.01	32.78 2.06 0.01	30.42 1.94 -0.01	29.02 1.82 0.02	30.34 1.83 0.00	32.60 1.90 0.00	43.73 2.16 0.02	44.65 2.53 0.01	44.67 2.69 0.01	44.80 2.85 0.01	40.54 2.65 0.01	41.44 2.79 0.01	39.34 2.81 0.01	38.85 2.88 0.01	41.01 3.04 0.01	42.47 3.11 0.01	42.55 3.19 0.01	47.78 3.58 0.01	51.34 3.63 0.01	58.84 3.85 0.01	59.04 3.65 0.01	46.54 2.68 0.01	38.17 1.99 0.00	36.43 1.83 0.00

NYPA_____HELLGATE_GT2 24159	34.52 1.98 -0.01	32.78 2.06 0.01	30.42 1.94 -0.01	29.02 1.82 0.02	30.34 1.83 0.00	32.60 1.90 0.00	43.73 2.16 0.02	44.65 2.53 0.01	44.67 2.69 0.01	44.80 2.85 0.01	40.54 2.65 0.01	41.44 2.79 0.01	39.34 2.81 0.01	38.85 2.88 0.01	41.01 3.04 0.01	42.47 3.11 0.01	42.55 3.19 0.01	47.78 3.58 0.01	51.34 3.63 0.01	58.84 3.85 0.01	59.04 3.65 0.01	46.54 2.68 0.01	38.17 1.99 0.00	36.43 1.83 0.00
NYS_BARGE____HYD 23848	21.40 -3.84 7.30	17.93 -3.53 9.26	16.95 -3.25 8.29	16.77 -2.97 7.48	18.18 -2.99 7.34	20.21 -3.35 7.14	26.72 -5.08 9.79	27.24 -4.89 10.00	25.36 -4.66 11.97	26.30 -4.15 11.50	26.06 -3.79 8.06	24.78 -4.02 9.86	23.67 -4.02 8.85	23.78 -3.96 8.24	22.33 -4.03 11.62	21.94 -4.65 12.79	25.08 -4.65 9.65	28.12 -5.17 10.92	31.24 -6.06 10.42	40.27 -6.93 7.80	41.32 -6.93 7.14	34.49 -5.09 4.29	31.14 -4.16 0.88	28.86 -4.15 1.58
OAK ORCHARD____HYD 24046	25.81 -2.08 4.63	22.88 -1.97 5.88	21.39 -1.82 5.26	20.83 -1.63 4.75	23.45 -1.62 3.44	29.19 -1.69 -0.18	39.30 -2.29 0.00	40.07 -2.06 0.00	40.06 -1.93 0.00	38.03 -1.76 2.16	36.24 -1.67 0.00	35.31 -1.86 1.49	34.48 -1.86 0.20	33.25 -1.94 0.79	32.16 -2.01 3.81	37.89 -2.32 -0.84	35.16 -2.36 1.85	40.98 -2.57 0.66	45.41 -2.72 -0.40	51.80 -3.03 0.18	51.70 -2.99 0.70	42.32 -2.19 -0.64	34.40 -1.92 -0.13	32.90 -1.94 -0.24
OAKDALE____35_KV_LOAD 356122	42.21 0.13 -9.54	42.97 0.12 -12.12	39.46 0.14 -10.84	37.14 0.14 -9.78	35.77 0.17 -7.09	30.53 0.21 0.38	41.40 0.42 0.60	42.02 0.51 0.61	40.18 0.50 2.31	46.69 0.55 -4.19	38.08 0.49 0.31	42.44 0.54 -3.23	37.46 0.47 -0.45	38.13 0.43 -1.72	46.68 0.49 -8.21	39.22 0.39 0.55	39.43 0.35 0.29	43.70 0.40 0.91	47.85 0.48 0.36	55.21 0.66 0.46	55.59 0.61 0.41	43.05 0.53 1.35	36.23 0.33 0.28	34.38 0.28 0.50
OCC_CHEM____DRP 24175	20.87 -4.00 7.66	17.31 -3.69 9.73	16.39 -3.39 8.71	16.23 -3.13 7.86	17.63 -3.17 7.72	19.25 -3.50 7.95	25.87 -4.87 10.85	26.33 -4.72 11.08	23.15 -4.66 14.18	24.98 -4.40 12.57	24.85 -4.17 8.88	23.69 -4.29 10.68	22.68 -4.20 9.66	22.88 -4.14 8.96	21.31 -4.22 12.45	21.84 -4.80 12.72	24.24 -4.80 10.33	26.76 -5.44 12.01	30.06 -5.92 11.75	39.37 -7.10 8.54	39.54 -7.03 8.82	33.22 -5.18 5.48	30.77 -4.27 1.14	28.34 -4.22 2.04
OH_GEN_PROXY 24063	21.02 -3.94 7.58	17.48 -3.63 9.62	16.54 -3.33 8.61	16.37 -3.08 7.77	18.00 -3.08 7.43	20.10 -3.38 7.22	26.84 -4.82 9.92	29.42 -4.63 8.07	21.76 -4.49 15.74	25.92 -4.24 11.79	25.92 -3.94 8.04	24.78 -4.14 9.74	23.82 -4.09 8.62	23.85 -4.03 8.10	22.17 -4.10 11.71	23.14 -4.69 11.54	25.34 -4.69 9.35	27.91 -5.35 10.95	31.21 -5.78 10.74	40.00 -6.71 8.29	40.11 -6.70 8.58	33.64 -4.91 5.32	31.00 -4.09 1.10	28.62 -4.01 1.96
OLIN_CORP_DRP 24177	20.61 -4.16 7.76	17.04 -3.84 9.85	16.16 -3.50 8.81	16.05 -3.21 7.96	17.35 -3.25 7.91	18.97 -3.65 8.08	25.41 -5.16 11.02	25.61 -5.27 11.25	22.88 -5.37 13.74	24.59 -4.61 12.75	24.48 -4.40 9.02	23.29 -4.42 10.85	22.29 -4.35 9.82	22.52 -4.35 9.11	20.94 -4.41 12.63	21.45 -5.04 12.88	23.85 -5.04 10.48	26.26 -5.75 12.20	29.10 -6.78 11.85	38.78 -7.87 8.36	39.35 -7.75 8.29	32.94 -5.79 5.14	30.39 -4.74 1.06	28.03 -4.67 1.90
OLIN_CORP_DSASP 323712	20.87 -4.00 7.66	17.31 -3.69 9.73	16.39 -3.39 8.71	16.23 -3.13 7.86	17.63 -3.17 7.72	19.25 -3.50 7.95	25.87 -4.87 10.85	26.33 -4.72 11.08	23.15 -4.66 14.18	24.98 -4.40 12.57	24.85 -4.17 8.88	23.69 -4.29 10.68	22.68 -4.20 9.66	22.88 -4.14 8.96	21.31 -4.22 12.45	21.84 -4.80 12.72	24.24 -4.80 10.33	26.76 -5.44 12.01	30.06 -5.92 11.75	39.37 -7.10 8.54	39.54 -7.03 8.82	33.22 -5.18 5.48	30.77 -4.27 1.14	28.34 -4.22 2.04
ONEIDA_HERK_LFGE 323681	33.05 0.52 0.00	31.10 0.37 0.00	28.79 0.31 0.00	27.41 0.19 0.00	28.66 0.14 0.00	30.85 0.15 0.00	41.88 0.29 0.00	42.38 0.25 0.00	42.27 0.17 -0.11	42.11 0.04 -0.12	37.82 -0.08 0.00	38.66 0.00 0.00	36.39 -0.15 0.00	35.80 -0.18 0.00	37.98 0.00 0.00	39.45 0.08 0.00	39.53 0.16 0.00	44.52 0.31 0.00	49.01 0.81 -0.48	56.78 1.38 -0.40	56.99 1.27 -0.33	44.97 1.10 0.00	37.09 0.90 0.00	35.39 0.80 0.00
ONEIDA____115KV_TB4 55905	33.18 0.65 0.00	31.31 0.58 0.00	28.99 0.51 0.00	27.70 0.49 0.00	29.03 0.51 0.00	31.28 0.58 0.00	42.46 0.87 0.00	43.06 0.93 0.00	42.99 0.88 -0.12	42.92 0.84 -0.13	38.62 0.72 0.00	39.43 0.77 0.00	37.19 0.66 0.00	36.59 0.61 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.12 0.75 0.00	45.09 0.88 0.00	49.39 1.15 -0.52	57.37 1.54 -0.82	57.73 1.50 -0.85	45.14 1.27 0.00	37.20 1.01 0.00	35.46 0.86 0.00
ONONDAGA_REF_OCCRA 23987	32.34 -0.20 0.00	30.58 -0.15 0.00	28.31 -0.17 0.00	27.08 -0.14 0.00	28.40 -0.11 0.00	30.61 -0.09 0.00	41.55 -0.04 0.00	42.09 -0.04 0.00	42.22 0.00 -0.23	42.23 0.04 -0.24	37.90 0.00 0.00	38.62 -0.04 0.00	36.50 -0.04 0.00	35.87 -0.11 0.00	37.90 -0.08 0.00	39.21 -0.16 0.00	39.18 -0.20 0.00	44.44 -0.18 -0.41	48.57 -0.14 -0.99	56.58 -0.06 -1.63	57.08 0.00 -1.69	43.87 0.00 0.00	36.19 0.00 0.00	34.53 -0.07 0.00
ONONDAGA____COGEN 23986	31.09 -0.16 1.28	28.95 -0.15 1.63	26.85 -0.17 1.46	25.76 -0.14 1.31	27.45 -0.11 0.95	30.61 -0.09 0.00	41.55 -0.04 0.00	42.09 -0.04 0.00	42.27 -0.04 -0.32	41.70 0.00 0.25	37.90 0.00 0.00	38.22 -0.04 0.40	36.44 -0.04 0.06	35.65 -0.11 0.21	36.84 -0.11 1.03	39.21 -0.16 0.00	39.14 -0.24 0.00	43.99 -0.22 0.00	48.92 -0.19 0.00	57.40 -0.11 -1.38	57.99 -0.06 -2.51	43.83 -0.04 0.00	36.19 0.00 0.00	34.53 -0.07 0.00
ONTARIO____LFGE 23819	25.55 -0.75 6.23	22.14 -0.68 7.91	20.72 -0.68 7.08	20.23 -0.60 6.39	24.46 -0.57 3.48	34.61 -0.46 -4.37	47.14 -0.46 -6.01	47.97 -0.29 -6.14	49.30 -0.34 -7.65	43.78 -0.34 -2.17	42.39 -0.45 -4.94	40.62 -0.62 -2.58	40.83 -0.66 -4.95	38.43 -0.76 -3.21	35.49 -0.80 1.69	43.73 -0.98 -5.35	43.41 -0.98 -5.02	47.37 -0.97 -4.13	53.93 -0.71 -6.92	72.97 -0.55 -18.52	77.91 -0.45 -22.97	46.46 -0.26 -2.86	36.38 -0.40 -0.59	35.17 -0.48 -1.05
ORANGEVILLE_WT_PWR 323706	19.06 -2.99 10.48	14.60 -2.83 13.30	13.85 -2.73 11.90	13.83 -2.64 10.74	11.13 -2.74 14.65	3.37 -2.92 24.41	4.00 -4.16 33.43	4.00 -4.00 34.13	3.09 -3.90 34.99	5.96 -3.82 32.17	6.10 -3.56 28.24	4.01 -3.79 30.86	1.14 -3.69 31.71	4.93 -3.63 27.42	4.94 -3.83 29.21	0.80 -4.13 34.44	4.00 -4.21 31.16	4.01 -4.51 35.69	8.12 -4.58 35.03	35.88 -4.79 14.34	34.30 -4.71 16.38	29.25 -3.38 11.24	30.90 -2.97 2.31	27.47 -2.98 4.15
ORANGEVILLE____ESR 323794	19.06 -2.99 10.48	14.60 -2.83 13.30	13.85 -2.73 11.90	13.83 -2.64 10.74	11.13 -2.74 14.65	3.37 -2.92 24.41	4.00 -4.16 33.43	4.00 -4.00 34.13	3.09 -3.90 34.99	5.96 -3.82 32.17	6.10 -3.56 28.24	4.01 -3.79 30.86	1.14 -3.69 31.71	4.93 -3.63 27.42	4.94 -3.83 29.21	0.80 -4.13 34.44	4.00 -4.21 31.16	4.01 -4.51 35.69	8.12 -4.58 35.03	35.88 -4.79 14.34	34.30 -4.71 16.38	29.25 -3.38 11.24	30.90 -2.97 2.31	27.47 -2.98 4.15

OSWEGATCHIE___HYD 24044	32.08 -0.46 0.00	30.18 -0.55 0.00	27.88 -0.60 0.00	26.56 -0.65 0.00	27.75 -0.77 0.00	29.90 -0.80 0.00	40.71 -0.88 0.00	40.99 -1.14 0.00	40.82 -1.30 -0.13	40.49 -1.59 -0.13	36.34 -1.56 0.00	36.92 -1.74 0.00	34.75 -1.79 0.00	34.14 -1.83 0.00	36.19 -1.78 0.00	37.72 -1.65 0.00	37.72 -1.65 0.00	42.44 -1.77 0.00	46.94 -1.34 -0.55	54.52 -0.94 -0.46	54.77 -1.00 -0.38	43.17 -0.70 0.00	35.79 -0.40 0.00	34.32 -0.28 0.00
OSWEGO___5 23606	31.72 -0.81 0.00	29.96 -0.77 0.00	27.77 -0.71 0.00	26.56 -0.65 0.00	27.83 -0.68 0.00	29.99 -0.70 0.00	40.63 -0.95 0.00	41.12 -1.01 0.00	42.15 -1.01 -1.17	42.19 -0.96 -1.21	36.99 -0.91 0.00	37.73 -0.93 0.00	35.62 -0.91 0.00	35.04 -0.94 0.00	37.03 -0.95 0.00	38.31 -1.06 0.00	38.31 -1.06 0.00	43.02 -1.19 0.00	51.48 -1.24 -4.99	57.78 -1.37 -4.15	57.46 -1.38 -3.45	42.82 -1.05 0.00	35.35 -0.83 0.00	33.80 -0.79 0.00
OSWEGO___6 23613	31.72 -0.81 0.00	29.96 -0.77 0.00	27.77 -0.71 0.00	26.56 -0.65 0.00	27.83 -0.68 0.00	29.99 -0.70 0.00	40.63 -0.95 0.00	41.12 -1.01 0.00	42.15 -1.01 -1.17	42.19 -0.96 -1.21	36.99 -0.91 0.00	37.73 -0.93 0.00	35.62 -0.91 0.00	35.04 -0.94 0.00	37.03 -0.95 0.00	38.31 -1.06 0.00	38.31 -1.06 0.00	43.02 -1.19 0.00	51.48 -1.24 -4.99	57.78 -1.37 -4.15	57.46 -1.38 -3.45	42.82 -1.05 0.00	35.35 -0.83 0.00	33.80 -0.79 0.00
OUTOKUMPU-AB___DRP 24206	21.04 -3.48 8.01	17.34 -3.23 10.16	16.45 -2.93 9.09	16.29 -2.72 8.21	17.48 -2.79 8.24	19.03 -3.10 8.57	25.66 -4.24 11.69	26.06 -4.13 11.94	23.83 -4.03 14.13	24.92 -3.65 13.38	24.80 -3.45 9.65	23.40 -3.63 11.63	22.36 -3.54 10.63	22.61 -3.56 9.80	20.97 -3.65 13.36	21.07 -4.21 14.08	23.90 -4.21 11.26	26.62 -4.60 12.99	30.05 -5.15 12.52	41.08 -5.78 8.14	41.77 -5.71 7.92	34.53 -4.17 5.17	31.65 -3.47 1.06	29.19 -3.49 1.91
OXBOW___BTM 323836	20.90 -3.97 7.66	17.34 -3.66 9.73	16.41 -3.36 8.71	16.25 -3.10 7.86	17.66 -3.14 7.72	19.31 -3.44 7.95	25.76 -4.91 10.92	26.27 -4.72 11.15	23.02 -4.54 14.43	25.04 -4.28 12.63	25.05 -3.94 8.91	23.81 -4.18 10.68	22.75 -4.13 9.66	22.96 -4.07 8.96	21.38 -4.14 12.45	21.88 -4.77 12.72	24.27 -4.77 10.33	26.80 -5.40 12.01	30.10 -5.87 11.75	39.29 -7.20 8.51	39.41 -7.20 8.78	33.26 -5.13 5.48	30.81 -4.23 1.14	28.41 -4.15 2.04
OXBOW___ 24026	20.90 -3.97 7.66	17.31 -3.69 9.73	16.41 -3.36 8.71	16.25 -3.10 7.86	17.66 -3.14 7.72	19.25 -3.50 7.95	25.91 -4.82 10.85	26.37 -4.68 11.08	23.23 -4.58 14.18	25.06 -4.32 12.57	24.93 -4.09 8.88	23.73 -4.25 10.68	22.75 -4.13 9.66	22.92 -4.10 8.96	21.34 -4.18 12.45	21.88 -4.76 12.72	24.27 -4.76 10.33	26.85 -5.35 12.01	30.10 -5.87 11.75	39.48 -6.99 8.54	39.65 -6.92 8.82	33.30 -5.09 5.48	30.84 -4.20 1.14	28.41 -4.15 2.04
OXY_CHEM_DSASP 323612	20.87 -4.00 7.66	17.31 -3.69 9.73	16.39 -3.39 8.71	16.23 -3.13 7.86	17.63 -3.17 7.72	19.25 -3.50 7.95	25.87 -4.87 10.85	26.33 -4.72 11.08	23.15 -4.66 14.18	24.98 -4.40 12.57	24.85 -4.17 8.88	23.69 -4.29 10.68	22.68 -4.20 9.66	22.88 -4.14 8.96	21.31 -4.22 12.45	21.84 -4.80 12.72	24.24 -4.80 10.33	26.76 -5.44 12.01	30.06 -5.92 11.75	39.37 -7.10 8.54	39.54 -7.03 8.82	33.22 -5.18 5.48	30.77 -4.27 1.14	28.34 -4.22 2.04
OZONE_PARK_ESR 323760	34.68 2.15 0.00	32.73 2.00 0.00	30.47 1.99 0.00	29.09 1.88 0.00	30.37 1.85 0.00	32.75 2.06 0.00	44.33 2.74 0.00	45.29 3.16 0.00	45.26 3.28 0.00	45.31 3.36 0.00	41.05 3.15 0.00	41.91 3.25 0.00	39.71 3.18 0.00	39.25 3.27 0.00	41.47 3.49 0.00	42.95 3.58 0.00	43.03 3.66 0.00	48.28 4.07 0.00	52.02 4.30 0.00	59.73 4.73 0.00	59.93 4.54 0.00	47.16 3.29 0.00	38.50 2.32 0.00	36.71 2.11 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.87 -4.00 7.66	17.31 -3.69 9.73	16.39 -3.39 8.71	16.23 -3.13 7.86	17.63 -3.17 7.72	19.25 -3.50 7.95	25.87 -4.87 10.85	26.33 -4.72 11.08	23.15 -4.66 14.18	24.98 -4.40 12.57	24.85 -4.17 8.88	23.69 -4.29 10.68	22.68 -4.20 9.66	22.88 -4.14 8.96	21.31 -4.22 12.45	21.84 -4.80 12.72	24.24 -4.80 10.33	26.76 -5.44 12.01	30.06 -5.92 11.75	39.37 -7.10 8.54	39.54 -7.03 8.82	33.22 -5.18 5.48	30.77 -4.27 1.14	28.34 -4.22 2.04
PACKARD___115KV_DUPONT_184 80571	20.87 -4.00 7.66	17.31 -3.69 9.73	16.41 -3.36 8.71	16.25 -3.10 7.86	17.66 -3.14 7.72	19.28 -3.47 7.95	25.72 -4.95 10.92	26.22 -4.76 11.15	22.98 -4.58 14.43	25.00 -4.32 12.63	25.01 -3.98 8.91	23.77 -4.21 10.68	22.68 -4.20 9.66	22.92 -4.10 8.96	21.34 -4.18 12.45	21.84 -4.80 12.72	24.23 -4.80 10.33	26.76 -5.44 12.01	30.01 -5.97 11.75	39.18 -7.32 8.51	39.35 -7.25 8.78	33.17 -5.22 5.48	30.73 -4.31 1.14	28.34 -4.22 2.04
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.61 2.08 0.00	32.88 2.15 0.00	30.51 2.02 -0.01	29.15 1.93 -0.01	30.43 1.91 0.00	32.69 2.00 0.00	43.88 2.29 0.00	44.78 2.65 0.00	44.72 2.73 0.00	44.85 2.89 0.00	40.63 2.73 0.00	41.48 2.82 0.00	39.35 2.81 0.00	38.89 2.91 0.00	41.01 3.04 0.00	42.52 3.15 0.00	42.60 3.23 0.00	47.75 3.54 0.00	51.40 3.67 0.00	58.85 3.85 0.00	59.05 3.66 0.00	46.59 2.72 0.00	38.21 2.03 0.00	36.60 2.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	35.10 2.57 0.00	33.37 2.64 0.00	30.97 2.48 -0.01	29.59 2.37 -0.01	30.88 2.37 0.00	33.18 2.49 0.00	44.54 2.95 0.00	45.46 3.33 0.00	45.43 3.44 0.00	45.52 3.57 0.00	41.24 3.34 0.00	42.06 3.40 0.00	39.86 3.32 0.00	39.40 3.42 0.00	41.58 3.61 0.00	43.11 3.74 0.00	43.19 3.82 0.00	48.41 4.20 0.00	52.12 4.39 0.00	59.73 4.73 0.00	59.93 4.54 0.00	47.29 3.42 0.00	38.75 2.57 0.00	37.16 2.56 0.00
PATROON___115KV_TB1 80586	33.60 1.07 0.00	31.77 1.04 0.00	29.48 1.00 0.00	28.17 0.95 0.00	29.48 0.97 0.00	31.71 1.01 0.00	42.59 1.00 0.00	43.14 1.01 0.00	43.00 1.01 0.00	43.04 1.09 0.00	38.96 1.06 0.00	39.70 1.04 0.00	37.56 1.02 0.00	37.06 1.08 0.00	39.04 1.06 0.00	40.55 1.18 0.00	40.51 1.14 0.00	45.27 1.06 0.00	48.77 1.05 0.00	56.21 1.21 0.00	56.61 1.22 0.00	44.70 0.83 0.00	36.94 0.76 0.00	35.36 0.76 0.00
PATTRSNVILLE___SOLAR 323815	33.64 1.11 0.00	31.80 1.07 0.00	29.48 1.00 0.00	28.19 0.98 0.00	29.54 1.03 0.00	31.83 1.14 0.00	43.17 1.58 0.00	43.73 1.60 0.00	43.42 1.43 0.00	43.29 1.34 0.00	39.04 1.14 0.00	39.82 1.16 0.00	37.67 1.13 0.00	37.09 1.12 0.00	39.15 1.18 0.00	40.67 1.30 0.00	40.75 1.38 0.00	45.80 1.59 0.00	49.49 1.77 0.00	57.20 2.20 0.00	57.66 2.27 0.00	45.54 1.67 0.00	37.52 1.34 0.00	35.84 1.24 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.99 -2.57 8.98	16.97 -2.37 11.40	16.15 -2.14 10.20	16.03 -1.99 9.20	17.43 -2.00 9.09	19.28 -2.21 9.21	25.99 -3.04 12.56	26.48 -2.82 12.83	23.62 -2.77 15.60	24.82 -2.56 14.57	25.10 -2.46 10.33	23.54 -2.59 12.53	22.64 -2.56 11.34	22.91 -2.55 10.51	20.79 -2.58 14.60	22.10 -3.07 14.20	24.46 -3.11 11.80	26.84 -3.40 13.97	30.65 -3.58 13.50	42.39 -3.96 8.65	42.60 -3.88 8.91	35.28 -2.76 5.82	32.63 -2.35 1.20	30.03 -2.42 2.15

PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.45 1.92 0.00	32.54 1.81 0.00	30.30 1.82 0.00	28.93 1.71 0.00	30.23 1.71 0.00	32.60 1.90 0.00	44.21 2.62 0.00	45.04 2.91 0.00	45.01 3.02 0.00	45.06 3.10 0.00	40.78 2.88 0.00	41.68 3.02 0.00	39.50 2.96 0.00	39.00 3.02 0.00	41.20 3.23 0.00	42.68 3.31 0.00	42.68 3.31 0.00	47.88 3.67 0.00	51.50 3.77 0.00	59.35 4.35 0.00	59.54 4.15 0.00	46.85 2.98 0.00	38.32 2.13 0.00	36.57 1.97 0.00
PEEKSKILL____ 23653	34.25 1.72 0.00	32.36 1.63 0.00	30.10 1.62 0.00	28.79 1.58 0.00	30.05 1.54 0.00	32.42 1.72 0.00	43.87 2.29 0.00	44.74 2.61 0.00	44.68 2.69 0.00	44.72 2.77 0.00	40.48 2.58 0.00	41.37 2.71 0.00	39.24 2.70 0.00	38.75 2.77 0.00	40.94 2.96 0.00	42.40 3.03 0.00	42.45 3.07 0.00	47.61 3.40 0.00	51.21 3.48 0.00	58.97 3.96 0.00	59.21 3.82 0.00	46.59 2.72 0.00	38.17 1.99 0.00	36.29 1.69 0.00
PGE MADISON__WINDPWR 24146	36.26 1.76 -1.97	34.83 1.60 -2.50	32.17 1.45 -2.24	30.62 1.39 -2.02	31.82 1.45 -1.85	33.49 1.60 -1.19	45.86 2.50 -1.78	46.72 2.78 -1.81	45.63 2.60 -1.04	47.22 2.43 -2.83	41.43 1.93 -1.60	43.41 2.13 -2.62	40.30 1.68 -2.08	39.46 1.40 -2.08	43.42 1.86 -3.59	43.02 2.05 -1.60	42.95 1.93 -1.65	50.78 2.48 -4.09	53.02 3.01 -2.29	60.81 4.29 -1.52	61.49 4.15 -1.94	47.38 3.51 0.00	38.94 2.75 0.00	37.02 2.42 0.00
PIERCEFIELD__HYD 23852	31.91 -0.62 0.00	30.05 -0.68 0.00	27.77 -0.71 0.00	26.51 -0.71 0.00	27.72 -0.80 0.00	29.87 -0.83 0.00	40.84 -0.75 0.00	41.20 -0.93 0.00	41.06 -1.01 -0.08	40.69 -1.34 -0.08	36.57 -1.33 0.00	37.00 -1.66 0.00	34.82 -1.72 0.00	34.25 -1.73 0.00	36.23 -1.75 0.00	37.72 -1.65 0.00	37.60 -1.77 0.00	42.17 -2.03 0.00	46.15 -1.91 -0.34	53.63 -1.65 -0.28	54.02 -1.61 -0.23	42.64 -1.23 0.00	35.32 -0.87 0.00	34.01 -0.59 0.00
PINELAWN_CC_1 323563	35.11 2.57 -0.01	33.20 2.46 -0.01	30.82 2.34 0.00	29.51 2.29 -0.01	30.83 2.31 -0.01	33.25 2.55 -0.01	44.88 3.28 -0.01	45.76 3.62 -0.01	45.57 3.57 -0.01	45.52 3.56 -0.01	44.87 3.30 -3.67	46.32 3.40 -4.26	46.58 3.32 -6.72	46.89 3.35 -7.57	47.55 3.49 -6.08	48.43 3.58 -5.48	49.01 3.66 -5.98	53.96 4.06 -5.69	52.23 4.34 -0.16	60.34 4.84 -0.50	62.94 4.76 -2.78	48.85 3.55 -1.43	43.85 2.82 -4.84	38.41 2.52 -1.29
PJM_GEN_HTP_PROXY 323702	34.42 1.89 0.00	32.54 1.81 0.00	30.28 1.80 0.00	28.96 1.74 0.00	30.20 1.68 0.00	32.57 1.87 0.00	44.08 2.50 0.00	47.05 2.87 -2.06	42.87 2.94 2.06	44.97 3.02 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.49 2.96 0.00	38.96 2.98 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.72 3.34 0.00	47.96 3.76 0.00	51.59 3.86 0.00	59.30 4.29 0.00	59.49 4.10 0.00	46.81 2.94 0.00	38.32 2.13 0.00	36.39 1.80 0.00
PJM_GEN_KEystone 24065	26.53 -0.68 5.32	23.39 -0.58 6.75	21.96 -0.48 6.04	21.33 -0.44 5.45	23.45 -0.46 4.61	27.36 -0.46 2.88	36.95 -0.67 3.97	39.67 -0.46 2.00	33.00 -0.50 8.49	35.68 -0.42 5.85	34.49 -0.30 3.11	33.97 -0.31 4.38	33.00 -0.29 3.24	32.34 -0.25 3.38	31.40 -0.19 6.39	34.56 -0.43 4.38	35.47 -0.43 3.47	39.02 -0.53 4.66	42.87 -0.48 4.37	51.02 -0.38 3.60	51.18 -0.50 3.71	40.80 -0.40 2.67	35.13 -0.51 0.55	32.95 -0.66 0.99
PJM_GEN_NEPTUNE_PROXY 323594	34.65 2.11 -0.01	32.83 2.09 -0.01	30.50 2.02 0.00	29.18 1.96 -0.01	30.49 1.97 -0.01	32.85 2.15 -0.01	44.38 2.79 -0.01	47.31 3.12 -2.07	42.96 3.02 2.05	45.06 3.10 -0.01	42.71 2.88 -1.93	43.87 2.98 -2.24	42.98 2.92 -3.52	42.93 2.98 -3.97	44.28 3.11 -3.19	45.40 3.15 -2.88	45.70 3.19 -3.14	50.62 3.54 -2.87	51.46 3.72 -0.01	59.08 4.07 -0.01	60.53 3.99 -1.15	47.56 2.94 -0.75	41.08 2.35 -2.54	37.35 2.08 -0.68
PJM_GEN_VFT_PROXY 323633	34.29 1.76 0.00	32.42 1.69 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.08 1.57 0.00	32.45 1.75 0.00	43.92 2.33 0.00	46.89 2.70 -2.06	42.70 2.77 2.06	44.84 2.89 0.00	40.59 2.69 0.00	41.48 2.82 0.00	39.35 2.81 0.00	38.86 2.88 0.00	41.05 3.07 0.00	42.52 3.15 0.00	42.60 3.23 0.00	47.79 3.58 0.00	51.45 3.72 0.00	59.13 4.13 0.00	59.32 3.93 0.00	46.68 2.81 0.00	38.17 1.99 0.00	36.29 1.69 0.00
PLATSBURG_115KV_PMLD1 355749	32.73 0.20 0.00	30.85 0.12 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.49 -0.03 0.00	30.70 0.00 0.00	41.88 0.29 0.00	42.42 0.29 0.00	42.28 0.29 0.00	42.08 0.13 0.00	37.90 0.00 0.00	38.66 0.00 0.00	36.43 -0.11 0.00	35.83 -0.14 0.00	37.82 -0.15 0.00	39.33 -0.04 0.00	39.33 -0.04 0.00	44.34 0.13 0.00	47.92 0.19 0.00	55.17 0.17 0.00	55.61 0.22 0.00	44.05 0.18 0.00	36.26 0.07 0.00	34.77 0.17 0.00
PLEASANTVLY__LBMP 24000	34.03 1.50 0.00	32.17 1.44 0.00	29.90 1.42 0.00	28.60 1.39 0.00	29.88 1.37 0.00	32.20 1.50 0.00	43.54 1.95 0.00	44.36 2.23 0.00	44.30 2.31 0.00	44.30 2.35 0.00	40.14 2.24 0.00	41.02 2.36 0.00	38.87 2.34 0.00	38.35 2.37 0.00	40.48 2.51 0.00	41.93 2.56 0.00	41.97 2.60 0.00	47.08 2.87 0.00	50.68 2.96 0.00	58.36 3.36 0.00	58.60 3.21 0.00	46.20 2.33 0.00	37.81 1.63 0.00	36.15 1.56 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.32 1.79 0.00	32.45 1.72 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.14 1.63 0.00	32.51 1.81 0.00	43.96 2.37 0.00	44.87 2.74 0.00	44.80 2.81 0.00	44.85 2.89 0.00	40.67 2.77 0.00	41.52 2.86 0.00	39.39 2.85 0.00	38.89 2.91 0.00	41.05 3.08 0.00	42.52 3.15 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.40 3.67 0.00	59.13 4.13 0.00	59.38 3.99 0.00	46.72 2.85 0.00	38.18 1.99 0.00	36.46 1.87 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.32 1.79 0.00	32.45 1.72 0.00	30.19 1.71 0.00	28.85 1.63 0.00	30.14 1.63 0.00	32.51 1.81 0.00	43.96 2.37 0.00	44.87 2.74 0.00	44.80 2.81 0.00	44.85 2.89 0.00	40.67 2.77 0.00	41.52 2.86 0.00	39.39 2.85 0.00	38.89 2.91 0.00	41.05 3.08 0.00	42.52 3.15 0.00	42.56 3.19 0.00	47.75 3.54 0.00	51.40 3.67 0.00	59.13 4.13 0.00	59.38 3.99 0.00	46.72 2.85 0.00	38.18 1.99 0.00	36.46 1.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.22 1.69 0.00	32.36 1.63 0.00	30.08 1.59 0.00	28.74 1.52 0.00	30.03 1.51 0.00	32.39 1.69 0.00	43.83 2.25 0.00	44.66 2.53 0.00	44.55 2.56 0.00	44.59 2.64 0.00	40.33 2.43 0.00	41.21 2.55 0.00	39.02 2.48 0.00	38.53 2.55 0.00	40.60 2.62 0.00	42.05 2.68 0.00	42.13 2.76 0.00	47.30 3.09 0.00	50.87 3.15 0.00	58.63 3.63 0.00	58.93 3.54 0.00	46.50 2.63 0.00	38.07 1.88 0.00	36.40 1.80 0.00
POLETTI____ 23519	34.39 1.85 0.00	32.51 1.78 0.00	30.30 1.82 0.00	28.96 1.74 0.00	30.23 1.71 0.00	32.57 1.87 0.00	44.04 2.45 0.00	44.95 2.82 0.00	44.89 2.90 0.00	44.93 2.98 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.42 2.89 0.00	38.96 2.99 0.00	41.13 3.15 0.00	42.60 3.23 0.00	42.68 3.31 0.00	47.88 3.67 0.00	51.54 3.82 0.00	59.18 4.18 0.00	59.38 3.99 0.00	46.77 2.90 0.00	38.21 2.03 0.00	36.46 1.87 0.00

POMONA___ESR 323819	34.22 1.69 0.00	32.36 1.63 0.00	30.10 1.62 0.00	28.76 1.55 0.00	30.03 1.51 0.00	32.38 1.69 0.00	43.92 2.33 0.00	44.79 2.66 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.55 2.65 0.00	41.45 2.79 0.00	39.31 2.78 0.00	38.82 2.84 0.00	40.94 2.96 0.00	42.36 2.99 0.00	42.40 3.03 0.00	47.57 3.36 0.00	51.21 3.48 0.00	59.02 4.01 0.00	59.16 3.77 0.00	46.59 2.72 0.00	38.17 1.99 0.00	36.29 1.69 0.00
PORT_JEFF_3 23555	35.37 2.83 -0.01	33.38 2.64 -0.01	30.99 2.51 0.00	29.70 2.48 -0.01	31.03 2.51 -0.01	33.47 2.76 -0.01	45.05 3.45 -0.01	45.93 3.79 -0.01	45.65 3.65 -0.01	45.57 3.61 -0.01	44.61 3.34 -3.37	46.01 3.44 -3.91	46.03 3.32 -6.17	46.31 3.38 -6.95	47.09 3.53 -5.58	48.02 3.62 -5.03	48.61 3.74 -5.49	54.47 4.15 -6.11	52.86 4.34 -0.80	62.36 4.84 -2.52	65.25 4.82 -5.04	48.83 3.64 -1.32	43.56 2.93 -4.45	38.48 2.70 -1.18
PORT_JEFF_4 23616	35.37 2.83 -0.01	33.38 2.64 -0.01	30.99 2.51 0.00	29.70 2.48 -0.01	31.03 2.51 -0.01	33.47 2.76 -0.01	45.05 3.45 -0.01	45.93 3.79 -0.01	45.65 3.65 -0.01	45.57 3.61 -0.01	44.61 3.34 -3.37	46.01 3.44 -3.91	46.03 3.32 -6.17	46.31 3.38 -6.95	47.09 3.53 -5.58	48.02 3.62 -5.03	48.61 3.74 -5.49	54.47 4.15 -6.11	52.86 4.34 -0.80	62.36 4.84 -2.52	65.25 4.82 -5.04	48.83 3.64 -1.32	43.56 2.93 -4.45	38.48 2.70 -1.18
PORT_JEFF_IC 23713	35.40 2.86 -0.01	33.44 2.70 -0.01	31.04 2.56 0.00	29.73 2.50 -0.01	31.06 2.54 -0.01	33.53 2.82 -0.01	45.09 3.49 -0.01	45.97 3.83 -0.01	45.73 3.74 -0.01	45.65 3.69 -0.01	44.69 3.41 -3.38	46.06 3.48 -3.92	46.12 3.40 -6.19	46.37 3.42 -6.97	47.18 3.61 -5.60	48.12 3.70 -5.05	48.66 3.78 -5.51	54.37 4.20 -5.96	52.84 4.44 -0.68	62.09 4.95 -2.14	64.86 4.87 -4.60	48.88 3.69 -1.32	43.54 2.89 -4.46	38.62 2.84 -1.19
PPL PILGRIM_ST_GT1 24216	35.34 2.80 -0.01	33.38 2.64 -0.01	30.99 2.51 0.00	29.70 2.48 -0.01	31.03 2.51 -0.01	33.47 2.76 -0.01	45.13 3.53 -0.01	46.01 3.87 -0.01	45.82 3.82 -0.01	45.78 3.82 -0.01	44.85 3.53 -3.42	46.26 3.63 -3.97	46.30 3.51 -6.26	46.56 3.53 -7.05	47.36 3.72 -5.67	48.26 3.78 -5.11	48.80 3.86 -5.57	54.66 4.29 -6.16	52.99 4.48 -0.78	62.49 5.00 -2.48	65.41 4.99 -5.03	48.94 3.73 -1.34	43.74 3.04 -4.51	38.56 2.77 -1.20
PPL PILGRIM_ST_GT2 24217	35.34 2.80 -0.01	33.38 2.64 -0.01	30.99 2.51 0.00	29.70 2.48 -0.01	31.03 2.51 -0.01	33.47 2.76 -0.01	45.13 3.53 -0.01	46.01 3.87 -0.01	45.82 3.82 -0.01	45.78 3.82 -0.01	44.85 3.53 -3.42	46.26 3.63 -3.97	46.30 3.51 -6.26	46.56 3.53 -7.05	47.36 3.72 -5.67	48.26 3.78 -5.11	48.80 3.86 -5.57	54.66 4.29 -6.16	52.99 4.48 -0.78	62.49 5.00 -2.48	65.41 4.99 -5.03	48.94 3.73 -1.34	43.74 3.04 -4.51	38.56 2.77 -1.20
PPL_SHRM_GT3 24213	35.60 3.06 -0.01	33.56 2.83 -0.01	31.16 2.68 0.00	29.89 2.67 -0.01	31.23 2.71 -0.01	33.68 2.98 -0.01	45.30 3.70 -0.01	46.18 4.04 -0.01	45.73 3.74 -0.01	45.61 3.65 -0.01	44.61 3.34 -3.38	45.98 3.40 -3.92	46.04 3.32 -6.18	46.32 3.38 -6.96	47.14 3.57 -5.59	48.07 3.66 -5.04	48.69 3.82 -5.50	54.57 4.29 -6.07	52.98 4.48 -0.77	62.44 5.00 -2.43	65.32 4.99 -4.94	49.01 3.81 -1.32	43.64 3.00 -4.45	38.55 2.77 -1.18
PPL_SHRM_GT4 24214	35.60 3.06 -0.01	33.56 2.83 -0.01	31.16 2.68 0.00	29.89 2.67 -0.01	31.23 2.71 -0.01	33.68 2.98 -0.01	45.30 3.70 -0.01	46.18 4.04 -0.01	45.73 3.74 -0.01	45.61 3.65 -0.01	44.61 3.34 -3.38	45.98 3.40 -3.92	46.04 3.32 -6.18	46.32 3.38 -6.96	47.14 3.57 -5.59	48.07 3.66 -5.04	48.69 3.82 -5.50	54.57 4.29 -6.07	52.98 4.48 -0.77	62.44 5.00 -2.43	65.32 4.99 -4.94	49.01 3.81 -1.32	43.64 3.00 -4.45	38.55 2.77 -1.18
PROJECT___ORANGE 1 24174	32.24 -0.29 0.00	30.45 -0.28 0.00	28.22 -0.26 0.00	26.97 -0.24 0.00	28.29 -0.23 0.00	30.48 -0.21 0.00	41.38 -0.21 0.00	41.92 -0.21 0.00	42.04 -0.17 -0.21	42.09 -0.08 -0.22	37.79 -0.11 0.00	38.54 -0.12 0.00	36.43 -0.11 0.00	35.80 -0.18 0.00	37.79 -0.19 0.00	39.13 -0.24 0.00	39.06 -0.31 0.00	43.85 -0.35 0.00	48.30 -0.33 -0.91	56.00 -0.33 -1.33	56.46 -0.28 -1.35	43.65 -0.22 0.00	36.04 -0.14 0.00	34.39 -0.21 0.00
PROJECT___ORANGE 2 24166	32.24 -0.29 0.00	30.45 -0.28 0.00	28.22 -0.26 0.00	26.97 -0.24 0.00	28.29 -0.23 0.00	30.48 -0.21 0.00	41.38 -0.21 0.00	41.92 -0.21 0.00	42.04 -0.17 -0.21	42.09 -0.08 -0.22	37.79 -0.11 0.00	38.54 -0.12 0.00	36.43 -0.11 0.00	35.80 -0.18 0.00	37.79 -0.19 0.00	39.13 -0.24 0.00	39.06 -0.31 0.00	43.85 -0.35 0.00	48.30 -0.33 -0.91	56.00 -0.33 -1.33	56.46 -0.28 -1.35	43.65 -0.22 0.00	36.04 -0.14 0.00	34.39 -0.21 0.00
PUCKETT___SOLAR 323809	40.13 0.62 -6.98	40.21 0.61 -8.87	36.98 0.57 -7.93	34.92 0.54 -7.16	34.33 0.63 -5.19	31.13 0.71 0.27	42.30 1.12 0.42	43.01 1.31 0.43	41.64 1.22 1.57	46.42 1.22 -3.25	38.71 1.02 0.22	42.17 1.04 -2.46	37.75 0.88 -0.34	38.00 0.72 -1.31	45.10 0.87 -6.25	39.74 0.83 0.46	39.91 0.79 0.25	44.88 0.97 0.30	48.78 1.19 0.14	56.66 1.71 0.05	57.09 1.66 -0.04	44.22 1.36 1.01	36.99 1.01 0.21	35.09 0.87 0.37
PYRITES___HYD 24023	32.43 -0.10 0.00	30.55 -0.18 0.00	28.22 -0.26 0.00	26.94 -0.27 0.00	28.17 -0.34 0.00	30.42 -0.28 0.00	41.63 0.04 0.00	42.00 -0.13 0.00	41.72 -0.34 -0.07	41.27 -0.76 -0.07	37.03 -0.87 0.00	37.54 -1.12 0.00	35.33 -1.21 0.00	34.75 -1.22 0.00	36.76 -1.22 0.00	38.31 -1.06 0.00	38.31 -1.06 0.00	43.15 -1.06 0.00	47.17 -0.86 -0.30	54.76 -0.50 -0.25	55.10 -0.50 -0.21	43.61 -0.26 0.00	36.00 -0.18 0.00	34.63 0.03 0.00
QUAKERRD_115KV_BK1 80622	26.02 -2.41 4.10	23.22 -2.30 5.21	21.68 -2.14 4.66	21.08 -1.93 4.21	23.50 -1.97 3.05	28.84 -2.06 -0.20	39.14 -2.74 -0.30	39.87 -2.57 -0.31	40.72 -2.48 -1.21	37.98 -2.35 1.62	35.86 -2.20 -0.16	35.01 -2.32 1.33	34.05 -2.30 0.18	32.90 -2.37 0.71	32.13 -2.47 3.37	37.08 -2.72 -0.43	37.07 -2.76 -0.45	40.66 -3.01 0.54	44.95 -3.20 -0.43	50.11 -3.63 1.26	49.96 -3.60 1.83	41.82 -2.72 -0.67	34.04 -2.28 -0.14	32.53 -2.32 -0.25
QUENSBRY_115KV_TB8 356137	34.68 2.15 0.00	32.82 2.09 0.00	30.42 1.94 0.00	29.06 1.85 0.00	30.45 1.94 0.00	32.94 2.24 0.00	44.71 3.12 0.00	45.21 3.08 0.00	45.05 3.07 0.00	45.10 3.15 0.00	40.55 2.65 0.00	41.14 2.47 0.00	38.84 2.30 0.00	38.17 2.19 0.00	40.22 2.24 0.00	41.89 2.52 0.00	41.85 2.48 0.00	46.95 2.74 0.00	50.30 2.58 0.00	58.36 3.36 0.00	58.88 3.49 0.00	46.37 2.50 0.00	38.18 1.99 0.00	36.57 1.97 0.00
RAMAPO___LBMP 323565	34.13 1.59 0.00	32.27 1.54 0.00	30.02 1.54 0.00	28.68 1.47 0.00	29.97 1.45 0.00	32.29 1.60 0.00	43.71 2.12 0.00	44.53 2.40 0.00	44.47 2.48 0.00	44.47 2.52 0.00	40.33 2.43 0.00	41.21 2.55 0.00	39.06 2.52 0.00	38.57 2.59 0.00	40.71 2.73 0.00	42.13 2.76 0.00	42.17 2.80 0.00	47.30 3.09 0.00	50.92 3.20 0.00	58.69 3.69 0.00	58.88 3.49 0.00	46.41 2.54 0.00	37.96 1.77 0.00	36.26 1.66 0.00



RANKINE_____	20.50	16.59	15.76	15.67	16.70	17.72	23.87	24.32	21.70	23.06	23.25	21.70	20.65	21.16	19.34	19.93	22.41	24.68	28.34	40.72	40.86	34.00	31.72	29.15
23646	-3.32	-3.07	-2.82	-2.61	-2.68	-2.98	-4.08	-3.88	-3.78	-3.57	-3.37	-3.56	-3.47	-3.45	-3.53	-4.06	-4.09	-4.47	-4.77	-5.34	-5.26	-3.82	-3.22	-3.22
	8.72	11.07	9.90	8.94	9.14	10.00	13.65	13.93	16.51	15.32	11.28	13.40	12.42	11.36	15.11	15.38	12.87	15.06	14.61	8.95	9.26	6.05	1.25	2.23
RAVENSWOOD_GT2_1	34.42	32.54	30.30	28.96	30.23	32.57	44.04	44.95	44.89	44.97	40.74	41.60	39.46	38.96	41.17	42.64	42.72	47.88	51.54	59.18	59.38	46.77	38.21	36.46
24244	1.89	1.81	1.82	1.74	1.71	1.87	2.45	2.82	2.90	3.02	2.84	2.94	2.92	2.99	3.19	3.27	3.35	3.67	3.82	4.18	3.99	2.90	2.03	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RAVENSWOOD_GT2_2	34.42	32.54	30.30	28.96	30.23	32.57	44.04	44.95	44.89	44.97	40.74	41.60	39.46	38.96	41.17	42.64	42.72	47.88	51.54	59.18	59.38	46.77	38.21	36.46
24245	1.89	1.81	1.82	1.74	1.71	1.87	2.45	2.82	2.90	3.02	2.84	2.94	2.92	2.99	3.19	3.27	3.35	3.67	3.82	4.18	3.99	2.90	2.03	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	34.42	32.54	30.30	28.96	30.23	32.57	44.04	44.99	44.93	44.97	40.74	41.64	39.46	39.00	41.17	42.64	42.72	47.92	51.59	59.24	59.43	46.81	38.25	36.50
24246	1.89	1.81	1.82	1.74	1.71	1.87	2.45	2.86	2.94	3.02	2.84	2.98	2.92	3.02	3.19	3.27	3.35	3.71	3.87	4.24	4.04	2.94	2.06	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	34.42	32.54	30.30	28.96	30.23	32.57	44.04	44.99	44.93	44.97	40.74	41.64	39.46	39.00	41.17	42.64	42.72	47.92	51.59	59.24	59.43	46.81	38.25	36.50
24247	1.89	1.81	1.82	1.74	1.71	1.87	2.45	2.86	2.94	3.02	2.84	2.98	2.92	3.02	3.19	3.27	3.35	3.71	3.87	4.24	4.04	2.94	2.06	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	34.42	32.54	30.30	28.96	30.23	32.57	44.04	44.99	44.93	44.97	40.78	41.64	39.46	39.00	41.17	42.64	42.72	47.92	51.59	59.24	59.43	46.81	38.25	36.50
24248	1.89	1.81	1.82	1.74	1.71	1.87	2.45	2.86	2.94	3.02	2.88	2.98	2.92	3.02	3.19	3.27	3.35	3.71	3.87	4.24	4.04	2.94	2.06	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	34.42	32.54	30.30	28.96	30.23	32.57	44.04	44.99	44.93	44.97	40.78	41.64	39.46	39.00	41.17	42.64	42.72	47.92	51.59	59.24	59.43	46.81	38.25	36.50
24249	1.89	1.81	1.82	1.74	1.71	1.87	2.45	2.86	2.94	3.02	2.88	2.98	2.92	3.02	3.19	3.27	3.35	3.71	3.87	4.24	4.04	2.94	2.06	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	34.45	32.57	30.33	28.98	30.25	32.63	44.13	45.04	45.01	45.06	40.82	41.72	39.53	39.04	41.24	42.72	42.80	48.01	51.69	59.35	59.54	46.90	38.28	36.53
24250	1.92	1.84	1.85	1.77	1.74	1.93	2.54	2.91	3.02	3.10	2.92	3.05	3.00	3.06	3.27	3.35	3.43	3.80	3.96	4.35	4.15	3.03	2.10	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	34.45	32.57	30.33	28.98	30.25	32.63	44.13	45.04	45.01	45.06	40.82	41.72	39.53	39.04	41.24	42.72	42.80	48.01	51.69	59.35	59.54	46.90	38.28	36.53
24251	1.92	1.84	1.85	1.77	1.74	1.93	2.54	2.91	3.02	3.10	2.92	3.05	3.00	3.06	3.27	3.35	3.43	3.80	3.96	4.35	4.15	3.03	2.10	1.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	34.52	32.67	30.45	29.10	30.34	32.69	44.04	44.99	44.97	45.06	40.82	41.68	39.53	39.07	41.24	42.72	42.80	48.01	51.64	59.18	59.38	46.85	38.32	36.60
23729	1.98	1.94	1.97	1.88	1.82	2.00	2.45	2.86	2.98	3.10	2.92	3.02	3.00	3.09	3.27	3.35	3.43	3.80	3.91	4.18	3.99	2.98	2.13	2.01
	0.00	0.00	-0.01	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	34.42	32.54	30.30	28.95	30.23	32.57	44.04	44.95	44.89	44.97	40.74	41.60	39.46	38.96	41.13	42.64	42.72	47.88	51.54	59.18	59.43	46.77	38.21	36.46
24258	1.89	1.81	1.82	1.74	1.71	1.87	2.45	2.82	2.90	3.02	2.84	2.94	2.92	2.99	3.15	3.27	3.35	3.67	3.82	4.18	4.04	2.90	2.03	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	34.42	32.54	30.30	28.95	30.23	32.57	44.04	44.95	44.89	44.97	40.74	41.60	39.46	38.96	41.13	42.64	42.72	47.88	51.54	59.18	59.43	46.77	38.21	36.46
24259	1.89	1.81	1.82	1.74	1.71	1.87	2.45	2.82	2.90	3.02	2.84	2.94	2.92	2.99	3.15	3.27	3.35	3.67	3.82	4.18	4.04	2.90	2.03	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0									

RAVENSWOOD_GT_7 24255	34.45 1.92 0.00	32.57 1.84 0.00	30.34 1.85 -0.01	28.99 1.77 -0.01	30.25 1.74 0.00	32.60 1.90 0.00	44.04 2.45 0.00	44.99 2.86 0.00	44.93 2.94 0.00	44.97 3.02 0.00	40.78 2.88 0.00	41.64 2.98 0.00	39.46 2.92 0.00	39.00 3.02 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.72 3.35 0.00	47.92 3.71 0.00	51.59 3.87 0.00	59.18 4.18 0.00	59.38 3.99 0.00	46.81 2.94 0.00	38.25 2.06 0.00	36.50 1.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.42 1.89 0.00	32.54 1.81 0.00	30.30 1.82 0.00	28.95 1.74 0.00	30.23 1.71 0.00	32.57 1.87 0.00	44.04 2.45 0.00	44.95 2.82 0.00	44.89 2.90 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.46 2.92 0.00	38.96 2.99 0.00	41.13 3.15 0.00	42.64 3.27 0.00	42.72 3.35 0.00	47.88 3.67 0.00	51.54 3.82 0.00	59.18 4.18 0.00	59.43 4.04 0.00	46.77 2.90 0.00	38.21 2.03 0.00	36.46 1.87 0.00
RAVENSWOOD_GT_9 24257	34.42 1.89 0.00	32.54 1.81 0.00	30.30 1.82 0.00	28.95 1.74 0.00	30.23 1.71 0.00	32.57 1.87 0.00	44.04 2.45 0.00	44.95 2.82 0.00	44.89 2.90 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.46 2.92 0.00	38.96 2.99 0.00	41.13 3.15 0.00	42.64 3.27 0.00	42.72 3.35 0.00	47.88 3.67 0.00	51.54 3.82 0.00	59.18 4.18 0.00	59.43 4.04 0.00	46.77 2.90 0.00	38.21 2.03 0.00	36.46 1.87 0.00
RAVENSWOOD___1 23533	34.48 1.95 0.00	32.64 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.83 0.00	32.66 1.97 0.00	44.04 2.45 0.00	45.00 2.87 0.00	44.93 2.94 0.00	45.06 3.10 0.00	40.78 2.88 0.00	41.68 3.02 0.00	39.53 3.00 0.00	39.03 3.06 0.00	41.24 3.27 0.00	42.72 3.34 0.00	42.80 3.42 0.00	48.01 3.80 0.00	51.64 3.91 0.00	59.18 4.18 0.00	59.43 4.04 0.00	46.85 2.98 0.00	38.39 2.21 0.00	36.53 1.94 0.00
RAVENSWOOD___2 23534	34.48 1.95 0.00	32.64 1.91 0.00	30.43 1.94 -0.01	29.07 1.85 -0.01	30.34 1.83 0.00	32.66 1.97 0.00	44.04 2.45 0.00	45.00 2.87 0.00	44.93 2.94 0.00	45.01 3.06 0.00	40.78 2.88 0.00	41.64 2.98 0.00	39.53 3.00 0.00	39.03 3.06 0.00	41.20 3.23 0.00	42.72 3.34 0.00	42.80 3.42 0.00	48.01 3.80 0.00	51.64 3.91 0.00	59.18 4.18 0.00	59.43 4.04 0.00	46.85 2.98 0.00	38.39 2.21 0.00	36.53 1.94 0.00
RAVENSWOOD___3 23535	34.42 1.89 0.00	32.54 1.81 0.00	30.30 1.82 0.00	28.96 1.74 0.00	30.23 1.71 0.00	32.57 1.87 0.00	44.04 2.45 0.00	45.00 2.87 0.00	44.88 2.90 0.00	44.97 3.02 0.00	40.74 2.84 0.00	41.60 2.94 0.00	39.46 2.92 0.00	38.96 2.98 0.00	41.17 3.19 0.00	42.64 3.27 0.00	42.72 3.34 0.00	47.92 3.71 0.00	51.59 3.86 0.00	59.24 4.24 0.00	59.49 4.10 0.00	46.81 2.94 0.00	38.32 2.13 0.00	36.43 1.83 0.00
RAVENSWOOD___4 23820	34.48 1.95 0.00	32.63 1.91 0.00	30.42 1.94 -0.01	29.07 1.85 -0.01	30.31 1.80 0.00	32.66 1.97 0.00	44.04 2.45 0.00	45.00 2.87 0.00	44.93 2.94 0.00	45.01 3.06 0.00	40.78 2.88 0.00	41.64 2.98 0.00	39.53 3.00 0.00	39.03 3.06 0.00	41.20 3.23 0.00	42.68 3.31 0.00	42.80 3.42 0.00	48.01 3.80 0.00	51.64 3.91 0.00	59.18 4.18 0.00	59.43 4.04 0.00	46.85 2.98 0.00	38.39 2.21 0.00	36.50 1.90 0.00
RCPL_TRUST___DRP 24196	34.58 2.05 0.00	32.67 1.94 0.00	30.42 1.94 0.00	29.06 1.85 0.00	30.34 1.82 0.00	32.72 2.03 0.00	44.33 2.74 0.00	45.29 3.16 0.00	45.26 3.28 0.00	45.35 3.40 0.00	41.08 3.18 0.00	41.95 3.29 0.00	39.75 3.22 0.00	39.29 3.31 0.00	41.47 3.49 0.00	42.95 3.58 0.00	43.07 3.70 0.00	48.28 4.07 0.00	51.97 4.25 0.00	59.62 4.62 0.00	59.82 4.43 0.00	47.07 3.20 0.00	38.43 2.24 0.00	36.64 2.04 0.00
RED___ROCHESTER 323720	26.03 -1.92 4.58	23.07 -1.84 5.82	21.57 -1.71 5.20	21.02 -1.50 4.70	23.63 -1.48 3.40	29.35 -1.53 -0.19	39.81 -2.04 -0.26	40.67 -1.73 -0.27	41.46 -1.60 -1.06	38.69 -1.38 1.88	36.71 -1.33 -0.14	35.68 -1.51 1.48	34.77 -1.57 0.20	33.51 -1.69 0.78	32.46 -1.75 3.76	38.07 -2.05 -0.75	35.53 -2.05 1.79	41.35 -2.21 0.65	45.80 -2.34 -0.41	52.19 -2.64 0.17	52.15 -2.60 0.64	42.63 -1.89 -0.65	34.65 -1.66 -0.13	33.14 -1.69 -0.24
REGAN___SOLAR 323812	34.35 1.82 0.00	32.48 1.75 0.00	30.07 1.59 0.00	28.74 1.52 0.00	30.14 1.62 0.00	32.57 1.87 0.00	44.33 2.74 0.00	44.79 2.66 0.00	44.34 2.35 0.00	44.65 2.18 -0.52	39.68 1.78 0.00	40.72 1.70 -0.36	38.16 1.57 -0.05	37.61 1.44 -0.19	40.45 1.56 -0.92	41.18 1.81 0.00	41.22 1.85 0.00	46.42 2.21 0.00	50.35 2.62 0.00	58.69 3.69 0.00	59.21 3.82 0.00	46.68 2.81 0.00	38.43 2.24 0.00	36.74 2.15 0.00
RENSSELAER___COGEN 23796	33.48 0.94 0.00	31.65 0.92 0.00	29.36 0.88 0.00	28.03 0.82 0.00	29.37 0.85 0.00	31.56 0.86 0.00	42.42 0.83 0.00	42.97 0.84 0.00	42.79 0.80 0.00	42.79 0.84 0.00	38.73 0.83 0.00	39.47 0.81 0.00	37.34 0.80 0.00	36.84 0.86 0.00	38.85 0.87 0.00	40.31 0.94 0.00	40.32 0.94 0.00	45.09 0.88 0.00	48.58 0.86 0.00	55.94 0.93 0.00	56.33 0.94 0.00	44.57 0.70 0.00	36.87 0.69 0.00	35.32 0.73 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.56 3.03 0.00	33.65 2.92 0.00	31.13 2.65 0.00	29.77 2.56 0.00	31.17 2.65 0.00	33.83 3.13 0.00	45.96 4.37 0.00	46.34 4.21 0.00	46.27 4.28 0.00	46.27 4.32 0.00	41.58 3.68 0.00	42.02 3.36 0.00	39.57 3.03 0.00	38.89 2.91 0.00	40.90 2.92 0.00	42.76 3.39 0.00	42.76 3.39 0.00	48.01 3.80 0.00	51.59 3.87 0.00	60.17 5.17 0.00	60.82 5.43 0.00	47.73 3.86 0.00	39.33 3.15 0.00	37.57 2.98 0.00
REVERE_CPPR_DRP 24186	33.38 0.85 0.00	31.47 0.74 0.00	29.14 0.66 0.00	27.81 0.60 0.00	29.11 0.60 0.00	31.37 0.68 0.00	42.59 1.00 0.00	43.23 1.10 0.00	43.16 1.05 -0.12	43.04 0.96 -0.12	38.73 0.83 0.00	39.59 0.93 0.00	37.27 0.73 0.00	36.63 0.65 0.00	38.81 0.84 0.00	40.32 0.94 0.00	40.28 0.91 0.00	45.31 1.11 0.00	49.66 1.43 -0.51	57.81 2.04 -0.78	58.12 1.94 -0.79	45.49 1.62 0.00	37.49 1.30 0.00	35.74 1.14 0.00
REYNLDDPA_13_KV_LD 356490	32.69 0.16 0.00	30.85 0.12 0.00	28.57 0.09 0.00	27.30 0.08 0.00	28.54 0.03 0.00	30.79 0.09 0.00	41.96 0.37 0.00	42.47 0.34 0.00	42.41 0.42 0.00	42.25 0.30 0.00	38.09 0.19 0.00	38.97 0.31 0.00	36.79 0.26 0.00	36.19 0.22 0.00	38.20 0.23 0.00	39.68 0.31 0.00	39.61 0.24 0.00	44.56 0.35 0.00	48.06 0.34 0.00	54.67 -0.33 0.00	55.22 -0.17 0.00	44.18 0.31 0.00	36.44 0.26 0.00	34.98 0.38 0.00
REYNOLDS_115KV_TB3 80639	33.57 1.04 0.00	31.77 1.04 0.00	29.48 1.00 0.00	28.17 0.95 0.00	29.48 0.97 0.00	31.71 1.01 0.00	42.71 1.12 0.00	43.27 1.14 0.00	43.08 1.09 0.00	43.13 1.17 0.00	39.00 1.10 0.00	39.78 1.12 0.00	37.63 1.10 0.00	37.13 1.15 0.00	39.11 1.14 0.00	40.59 1.22 0.00	40.59 1.22 0.00	45.45 1.24 0.00	48.92 1.19 0.00	56.38 1.38 0.00	56.72 1.33 0.00	44.84 0.97 0.00	37.02 0.83 0.00	35.43 0.83 0.00

RIVERBAY____ 323610	35.10 2.57 0.00	33.37 2.64 0.00	30.97 2.48 -0.01	29.59 2.37 -0.01	30.88 2.37 0.00	33.18 2.49 0.00	44.54 2.95 0.00	45.46 3.33 0.00	45.43 3.44 0.00	45.52 3.57 0.00	41.24 3.34 0.00	42.06 3.40 0.00	39.86 3.32 0.00	39.40 3.42 0.00	41.58 3.61 0.00	43.11 3.74 0.00	43.19 3.82 0.00	48.41 4.20 0.00	52.12 4.39 0.00	59.73 4.73 0.00	59.93 4.54 0.00	47.29 3.42 0.00	38.75 2.57 0.00	37.16 2.56 0.00
RIVERSIDE_115KV_TB3 55908	33.54 1.01 0.00	31.74 1.01 0.00	29.42 0.94 0.00	28.11 0.90 0.00	29.46 0.94 0.00	31.68 0.98 0.00	42.59 1.00 0.00	43.14 1.01 0.00	43.00 1.01 0.00	43.00 1.05 0.00	38.92 1.02 0.00	39.67 1.01 0.00	37.52 0.99 0.00	37.02 1.04 0.00	39.00 1.03 0.00	40.51 1.14 0.00	40.51 1.14 0.00	45.27 1.06 0.00	48.77 1.05 0.00	56.16 1.16 0.00	56.55 1.16 0.00	44.70 0.83 0.00	36.94 0.76 0.00	35.32 0.73 0.00
ROARING____BROOK_WT_PWR 323790	32.11 -0.42 0.00	30.27 -0.46 0.00	27.97 -0.51 0.00	26.67 -0.54 0.00	27.89 -0.63 0.00	29.99 -0.70 0.00	40.59 -1.00 0.00	41.08 -1.05 0.00	40.94 -1.05 0.00	40.90 -1.05 0.00	36.91 -0.99 0.00	37.66 -1.01 0.00	35.59 -0.95 0.00	35.04 -0.94 0.00	37.03 -0.95 0.00	38.43 -0.95 0.00	38.51 -0.87 0.00	43.32 -0.88 0.00	46.87 -0.86 0.00	54.07 -0.94 0.00	54.50 -0.89 0.00	43.17 -0.70 0.00	35.60 -0.58 0.00	34.08 -0.52 0.00
ROCHESRG_115KV_T4 355643	25.86 -2.18 4.49	22.97 -2.06 5.70	21.47 -1.91 5.10	20.90 -1.71 4.60	23.47 -1.71 3.33	28.86 -1.84 0.00	39.14 -2.45 0.00	39.90 -2.23 0.00	39.81 -2.18 0.00	37.85 -2.01 2.09	35.97 -1.93 0.00	35.16 -2.05 1.45	34.29 -2.05 0.20	33.12 -2.09 0.77	32.12 -2.16 3.69	37.54 -2.48 -0.65	35.15 -2.48 1.74	40.65 -2.74 0.82	44.81 -2.91 0.00	50.72 -3.30 0.98	50.58 -3.21 1.60	41.50 -2.37 0.00	34.19 -1.99 0.00	32.56 -2.04 0.00
ROCHESTER_9_IC 23652	25.90 -2.02 4.61	22.97 -1.91 5.86	21.48 -1.77 5.24	20.91 -1.58 4.73	23.52 -1.57 3.43	29.27 -1.63 -0.20	39.73 -2.16 -0.30	40.54 -1.90 -0.31	41.41 -1.81 -1.23	38.46 -1.64 1.86	36.47 -1.59 -0.16	35.47 -1.70 1.49	34.62 -1.72 0.20	33.36 -1.83 0.79	32.29 -1.90 3.79	37.95 -2.20 -0.79	35.36 -2.20 1.81	41.18 -2.39 0.64	45.63 -2.53 -0.43	52.00 -2.86 0.14	51.94 -2.82 0.62	42.49 -2.06 -0.68	34.59 -1.74 -0.14	33.01 -1.83 -0.25
ROCKVIEW_13_KV_LD 356306	34.39 1.85 0.00	32.51 1.78 0.00	30.25 1.77 0.00	28.90 1.69 0.00	30.17 1.65 0.00	32.57 1.87 0.00	44.08 2.50 0.00	44.99 2.86 0.00	44.97 2.98 0.00	45.01 3.06 0.00	40.78 2.88 0.00	41.68 3.02 0.00	39.53 3.00 0.00	39.04 3.06 0.00	41.20 3.23 0.00	42.68 3.31 0.00	42.76 3.39 0.00	47.92 3.71 0.00	51.59 3.87 0.00	59.35 4.35 0.00	59.60 4.21 0.00	46.85 2.98 0.00	38.28 2.10 0.00	36.53 1.94 0.00
ROME____115KV_TB2 80656	33.38 0.85 0.00	31.47 0.74 0.00	29.14 0.66 0.00	27.81 0.60 0.00	29.11 0.60 0.00	31.37 0.68 0.00	42.59 1.00 0.00	43.23 1.10 0.00	43.16 1.05 -0.12	43.04 0.96 -0.12	38.73 0.83 0.00	39.59 0.93 0.00	37.27 0.73 0.00	36.63 0.65 0.00	38.81 0.84 0.00	40.32 0.94 0.00	40.28 0.91 0.00	45.31 1.11 0.00	49.66 1.43 -0.51	57.81 2.04 -0.78	58.12 1.94 -0.79	45.49 1.62 0.00	37.49 1.30 0.00	35.74 1.14 0.00
ROSETON____1 23587	34.00 1.47 0.00	32.14 1.41 0.00	29.88 1.40 0.00	28.55 1.33 0.00	29.86 1.34 0.00	32.17 1.47 0.00	43.50 1.91 0.00	44.32 2.19 0.00	44.21 2.22 0.00	44.26 2.31 0.00	40.10 2.20 0.00	40.94 2.28 0.00	38.80 2.27 0.00	38.31 2.34 0.00	40.44 2.47 0.00	41.85 2.48 0.00	41.93 2.56 0.00	47.00 2.79 0.00	50.59 2.86 0.00	58.25 3.24 0.00	58.55 3.16 0.00	46.15 2.28 0.00	37.85 1.67 0.00	36.02 1.42 0.00
ROSETON____2 23588	34.00 1.47 0.00	32.14 1.41 0.00	29.88 1.40 0.00	28.55 1.33 0.00	29.86 1.34 0.00	32.17 1.47 0.00	43.50 1.91 0.00	44.32 2.19 0.00	44.21 2.22 0.00	44.26 2.31 0.00	40.10 2.20 0.00	40.94 2.28 0.00	38.80 2.27 0.00	38.31 2.34 0.00	40.44 2.47 0.00	41.85 2.48 0.00	41.93 2.56 0.00	47.00 2.79 0.00	50.59 2.86 0.00	58.25 3.24 0.00	58.55 3.16 0.00	46.15 2.28 0.00	37.85 1.67 0.00	36.02 1.42 0.00
ROTTDRAM_115KV_TB3 80664	33.44 0.91 0.00	31.62 0.89 0.00	29.31 0.83 0.00	28.03 0.82 0.00	29.37 0.86 0.00	31.62 0.92 0.00	42.79 1.21 0.00	43.39 1.26 0.00	43.21 1.22 0.00	43.17 1.22 0.00	39.00 1.10 0.00	39.78 1.12 0.00	37.63 1.10 0.00	37.06 1.08 0.00	39.11 1.14 0.00	40.59 1.22 0.00	40.59 1.22 0.00	45.58 1.37 0.00	49.20 1.48 0.00	56.76 1.76 0.00	57.16 1.77 0.00	45.14 1.27 0.00	37.20 1.01 0.00	35.57 0.97 0.00
RUSSELL____1 23602	26.03 -1.92 4.58	23.07 -1.84 5.82	21.57 -1.71 5.20	21.02 -1.50 4.70	23.63 -1.48 3.40	29.35 -1.53 -0.19	39.84 -2.04 -0.29	40.70 -1.73 -0.29	41.52 -1.64 -1.17	38.67 -1.43 1.86	36.65 -1.40 -0.15	35.64 -1.55 1.48	34.77 -1.57 0.20	33.51 -1.69 0.78	32.46 -1.75 3.76	38.07 -2.05 -0.75	35.53 -2.05 1.79	41.35 -2.21 0.65	45.80 -2.34 -0.41	52.18 -2.64 0.19	52.18 -2.55 0.66	42.67 -1.84 -0.65	34.73 -1.59 -0.13	33.14 -1.70 -0.24
RUSSELL____2 23532	26.03 -1.92 4.58	23.07 -1.84 5.82	21.57 -1.71 5.20	21.02 -1.50 4.70	23.63 -1.48 3.40	29.35 -1.53 -0.19	39.84 -2.04 -0.29	40.70 -1.73 -0.29	41.52 -1.64 -1.17	38.67 -1.43 1.86	36.65 -1.40 -0.15	35.64 -1.55 1.48	34.77 -1.57 0.20	33.51 -1.69 0.78	32.46 -1.75 3.76	38.07 -2.05 -0.75	35.53 -2.05 1.79	41.35 -2.21 0.65	45.80 -2.34 -0.41	52.18 -2.64 0.19	52.18 -2.55 0.66	42.67 -1.84 -0.65	34.73 -1.59 -0.13	33.14 -1.70 -0.24
RUSSELL____3 23549	26.03 -1.92 4.58	23.07 -1.84 5.82	21.57 -1.71 5.20	21.02 -1.50 4.70	23.63 -1.48 3.40	29.35 -1.53 -0.19	39.84 -2.04 -0.29	40.70 -1.73 -0.29	41.52 -1.64 -1.17	38.67 -1.43 1.86	36.65 -1.40 -0.15	35.64 -1.55 1.48	34.77 -1.57 0.20	33.51 -1.69 0.78	32.46 -1.75 3.76	38.07 -2.05 -0.75	35.53 -2.05 1.79	41.35 -2.21 0.65	45.80 -2.34 -0.41	52.18 -2.64 0.19	52.18 -2.55 0.66	42.67 -1.84 -0.65	34.73 -1.59 -0.13	33.14 -1.70 -0.24
RUSSELL____4 23556	26.03 -1.92 4.58	23.07 -1.84 5.82	21.57 -1.71 5.20	21.02 -1.50 4.70	23.63 -1.48 3.40	29.35 -1.53 -0.19	39.84 -2.04 -0.29	40.70 -1.73 -0.29	41.52 -1.64 -1.17	38.67 -1.43 1.86	36.65 -1.40 -0.15	35.64 -1.55 1.48	34.77 -1.57 0.20	33.51 -1.69 0.78	32.46 -1.75 3.76	38.07 -2.05 -0.75	35.53 -2.05 1.79	41.35 -2.21 0.65	45.80 -2.34 -0.41	52.18 -2.64 0.19	52.18 -2.55 0.66	42.67 -1.84 -0.65	34.73 -1.59 -0.13	33.14 -1.70 -0.24
RUSSELL____STATION 23914	26.03 -1.92 4.58	23.07 -1.84 5.82	21.57 -1.71 5.20	21.02 -1.50 4.70	23.63 -1.48 3.40	29.35 -1.53 -0.19	39.84 -2.04 -0.29	40.70 -1.73 -0.29	41.52 -1.64 -1.17	38.67 -1.43 1.86	36.65 -1.40 -0.15	35.64 -1.55 1.48	34.77 -1.57 0.20	33.51 -1.69 0.78	32.46 -1.75 3.76	38.07 -2.05 -0.75	35.53 -2.05 1.79	41.35 -2.21 0.65	45.80 -2.34 -0.41	52.18 -2.64 0.19	52.18 -2.55 0.66	42.67 -1.84 -0.65	34.73 -1.59 -0.13	33.14 -1.70 -0.24

S SALMON___HYD 24043	32.17 -0.36 0.00	30.36 -0.37 0.00	28.11 -0.37 0.00	26.86 -0.35 0.00	28.09 -0.43 0.00	30.24 -0.46 0.00	41.01 -0.58 0.00	41.50 -0.63 0.00	41.67 -0.71 -0.39	41.60 -0.75 -0.41	37.18 -0.72 0.00	37.97 -0.69 0.00	35.81 -0.73 0.00	35.19 -0.79 0.00	37.22 -0.76 0.00	38.54 -0.83 0.00	38.51 -0.87 0.00	43.32 -0.88 0.00	48.69 -0.71 -1.68	56.50 -0.50 -2.00	56.75 -0.55 -1.91	43.47 -0.40 0.00	35.86 -0.33 0.00	34.36 -0.24 0.00
S.PERRY___115KV_TB1 80734	21.73 -1.40 9.40	17.41 -1.38 11.94	16.46 -1.34 10.68	16.38 -1.20 9.64	27.82 -1.14 -0.44	58.52 -1.04 -28.87	78.85 -2.45 -39.71	80.36 -2.32 -40.54	91.63 -2.52 -52.16	68.04 -2.43 -28.53	67.77 -2.54 -32.41	62.51 -2.82 -26.67	67.16 -2.78 -33.40	59.21 -2.88 -26.11	49.39 -3.08 -14.49	70.00 -3.35 -33.97	67.36 -3.23 -31.22	77.41 -3.32 -36.51	87.55 -3.20 -43.02	77.29 -3.08 -25.37	84.63 -2.77 -32.01	63.39 -0.70 -20.22	39.52 -0.83 -4.16	41.05 -1.00 -7.46
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.56 -3.74 8.23	16.83 -3.44 10.46	15.96 -3.16 9.35	15.83 -2.94 8.44	16.89 -2.99 8.63	17.81 -3.32 9.57	23.95 -4.57 13.06	24.37 -4.42 13.34	21.54 -4.32 16.13	23.26 -4.07 14.63	23.26 -3.87 10.77	21.93 -3.98 12.75	20.80 -3.91 11.83	21.28 -3.89 10.81	19.69 -3.95 14.34	20.02 -4.53 14.83	22.49 -4.53 12.35	24.79 -5.04 14.38	28.26 -5.44 14.03	39.96 -6.22 8.83	40.06 -6.15 9.18	33.36 -4.52 6.00	31.19 -3.76 1.23	28.65 -3.74 2.21
SAWYER___23_KV_LOAD 55526	20.56 -3.74 8.23	16.83 -3.44 10.46	15.96 -3.16 9.35	15.83 -2.94 8.44	16.89 -2.99 8.63	17.81 -3.32 9.57	23.95 -4.57 13.06	24.37 -4.42 13.34	21.54 -4.32 16.13	23.26 -4.07 14.63	23.26 -3.87 10.77	21.93 -3.98 12.75	20.80 -3.91 11.83	21.28 -3.89 10.81	19.69 -3.95 14.34	20.02 -4.53 14.83	22.49 -4.53 12.35	24.79 -5.04 14.38	28.26 -5.44 14.03	39.96 -6.22 8.83	40.06 -6.15 9.18	33.36 -4.52 6.00	31.19 -3.76 1.23	28.65 -3.74 2.21
SELKIRK___I 23801	33.64 1.11 0.00	31.80 1.07 0.00	29.50 1.02 0.00	28.19 0.98 0.00	29.54 1.03 0.00	31.74 1.04 0.00	42.80 1.21 0.00	43.35 1.22 0.00	43.12 1.13 0.00	43.12 1.17 0.00	38.96 1.06 0.00	39.71 1.04 0.00	37.56 1.02 0.00	37.02 1.04 0.00	39.04 1.06 0.00	40.55 1.18 0.00	40.55 1.18 0.00	45.44 1.24 0.00	49.01 1.29 0.00	56.49 1.49 0.00	56.94 1.55 0.00	45.06 1.18 0.00	37.20 1.01 0.00	35.60 1.00 0.00
SELKIRK___II 23799	33.41 0.88 0.00	31.59 0.86 0.00	29.31 0.83 0.00	28.00 0.79 0.00	29.34 0.83 0.00	31.53 0.83 0.00	42.50 0.91 0.00	43.06 0.93 0.00	42.91 0.92 0.00	42.87 0.92 0.00	38.81 0.91 0.00	39.55 0.89 0.00	37.41 0.88 0.00	36.91 0.93 0.00	38.93 0.95 0.00	40.39 1.02 0.00	40.39 1.02 0.00	45.23 1.02 0.00	48.73 1.00 0.00	56.16 1.16 0.00	56.50 1.11 0.00	44.75 0.88 0.00	36.95 0.76 0.00	35.36 0.76 0.00
SENECA OSWGO___HYD 24041	31.78 -0.75 0.00	30.02 -0.71 0.00	27.83 -0.65 0.00	26.59 -0.62 0.00	27.89 -0.63 0.00	30.05 -0.65 0.00	40.76 -0.83 0.00	41.24 -0.89 0.00	41.70 -0.84 -0.55	41.72 -0.80 -0.57	37.14 -0.76 0.00	37.85 -0.81 0.00	35.77 -0.77 0.00	35.15 -0.83 0.00	37.10 -0.87 0.00	38.43 -0.95 0.00	38.39 -0.98 0.00	43.15 -1.06 0.00	49.00 -1.10 -2.37	56.53 -1.16 -2.68	56.76 -1.17 -2.53	42.95 -0.92 0.00	35.46 -0.72 0.00	33.90 -0.69 0.00
SENECA___115KV_TB3 355854	20.53 -3.28 8.72	16.62 -3.04 11.07	15.79 -2.79 9.90	15.67 -2.61 8.94	16.73 -2.65 9.14	17.78 -2.92 10.00	23.75 -4.12 13.72	24.21 -3.92 14.01	21.49 -3.70 16.80	23.08 -3.48 15.39	23.37 -3.22 11.31	21.78 -3.48 13.40	20.68 -3.44 12.42	21.20 -3.42 11.36	19.37 -3.49 15.11	19.97 -4.02 15.38	22.45 -4.05 12.87	24.69 -4.46 15.06	28.34 -4.77 14.61	40.72 -5.33 8.95	40.86 -5.26 9.26	34.05 -3.77 6.05	31.75 -3.18 1.25	29.15 -3.22 2.23
SENECA___ENERGY 23797	28.40 -0.68 3.45	25.70 -0.65 4.38	23.94 -0.63 3.92	23.11 -0.57 3.54	25.94 -0.54 2.03	32.28 -0.46 -2.04	43.90 -0.50 -2.81	44.58 -0.42 -2.87	45.32 -0.42 -3.75	42.49 -0.42 -0.96	39.76 -0.45 -2.31	39.12 -0.58 -1.04	38.20 -0.62 -2.29	36.71 -0.68 -1.41	36.04 -0.72 1.21	41.00 -0.87 -2.50	40.85 -0.87 -2.35	45.77 -0.88 -2.45	50.95 -0.77 -3.99	63.16 -0.66 -8.82	65.46 -0.61 -10.68	44.77 -0.44 -1.34	35.99 -0.47 -0.28	34.57 -0.52 -0.49
SHOEMAKER___GT 23640	34.91 1.40 -0.98	33.29 1.32 -1.24	30.90 1.31 -1.11	29.47 1.25 -1.00	30.49 1.25 -0.73	32.08 1.38 0.00	43.38 1.79 0.00	44.19 2.06 0.00	44.09 2.10 0.00	44.09 2.14 0.00	39.91 2.01 0.00	40.75 2.09 0.00	38.65 2.12 0.00	38.14 2.16 0.00	40.22 2.24 0.00	41.65 2.28 0.00	41.69 2.32 0.00	46.82 2.61 0.00	50.40 2.67 0.00	58.08 3.08 0.00	58.38 2.99 0.00	46.06 2.19 0.00	37.78 1.59 0.00	35.94 1.35 0.00
SHOEMAKR_138KV_BK 111 55601	34.91 1.40 -0.98	33.30 1.32 -1.25	30.91 1.31 -1.12	29.48 1.25 -1.01	30.50 1.25 -0.73	32.08 1.38 0.00	43.38 1.79 0.00	44.19 2.06 0.00	44.09 2.10 0.00	44.09 2.14 0.00	39.95 2.05 0.00	40.79 2.13 0.00	38.66 2.12 0.00	38.14 2.16 0.00	40.25 2.28 0.00	41.69 2.32 0.00	41.73 2.36 0.00	46.82 2.61 0.00	50.45 2.72 0.00	58.08 3.08 0.00	58.38 2.99 0.00	46.06 2.19 0.00	37.70 1.52 0.00	36.02 1.42 0.00
SHOREHAM_IC_1 23715	35.60 3.06 -0.01	33.56 2.83 -0.01	31.16 2.68 0.00	29.89 2.67 -0.01	31.23 2.71 -0.01	33.68 2.98 -0.01	45.30 3.70 -0.01	46.18 4.04 -0.01	45.73 3.74 -0.01	45.61 3.65 -0.01	44.61 3.34 -3.38	45.98 3.40 -3.92	46.04 3.32 -6.18	46.32 3.38 -6.96	47.14 3.57 -5.59	48.07 3.66 -5.04	48.69 3.82 -5.50	54.57 4.29 -6.07	52.98 4.48 -0.77	62.44 5.00 -2.43	65.32 4.99 -4.94	49.01 3.81 -1.32	43.64 3.00 -4.45	38.55 2.77 -1.18
SHOREHAM_IC_2 23716	35.60 3.06 -0.01	33.56 2.83 -0.01	31.16 2.68 0.00	29.89 2.67 -0.01	31.23 2.71 -0.01	33.68 2.98 -0.01	45.30 3.70 -0.01	46.18 4.04 -0.01	45.73 3.74 -0.01	45.61 3.65 -0.01	44.61 3.34 -3.38	45.98 3.40 -3.92	46.04 3.32 -6.18	46.32 3.38 -6.96	47.14 3.57 -5.59	48.07 3.66 -5.04	48.69 3.82 -5.50	54.57 4.29 -6.07	52.98 4.48 -0.77	62.44 5.00 -2.43	65.32 4.99 -4.94	49.01 3.81 -1.32	43.64 3.00 -4.45	38.55 2.77 -1.18
SISSONVILLE___ 23735	31.91 -0.62 0.00	30.05 -0.68 0.00	27.77 -0.71 0.00	26.51 -0.71 0.00	27.72 -0.80 0.00	29.87 -0.83 0.00	40.84 -0.75 0.00	41.20 -0.93 0.00	41.06 -1.01 -0.08	40.69 -1.34 -0.08	36.57 -1.33 0.00	37.00 -1.66 0.00	34.82 -1.72 0.00	34.25 -1.73 0.00	36.23 -1.75 0.00	37.72 -1.65 0.00	37.60 -1.77 0.00	42.17 -2.03 0.00	46.15 -1.91 -0.34	53.63 -1.65 -0.28	54.02 -1.61 -0.23	42.64 -1.23 0.00	35.32 -0.87 0.00	34.01 -0.59 0.00
SITHE_IND_GS1 24169	31.52 -1.01 0.00	29.78 -0.95 0.00	27.60 -0.88 0.00	26.37 -0.84 0.00	27.66 -0.85 0.00	29.78 -0.92 0.00	40.34 -1.25 0.00	40.78 -1.35 0.00	39.18 -1.35 1.46	39.10 -1.34 1.51	36.69 -1.21 0.00	37.42 -1.24 0.00	35.33 -1.20 0.00	34.79 -1.19 0.00	36.72 -1.25 0.00	38.03 -1.34 0.00	37.99 -1.38 0.00	42.66 -1.55 0.00	39.86 -1.62 6.24	48.00 -1.81 5.19	49.25 -1.83 4.32	42.42 -1.45 0.00	35.06 -1.12 0.00	33.56 -1.04 0.00

SITHE_IND_GS2 24170	31.52 -1.01 0.00	29.78 -0.95 0.00	27.60 -0.88 0.00	26.37 -0.84 0.00	27.66 -0.85 0.00	29.78 -0.92 0.00	40.34 -1.25 0.00	40.78 -1.35 0.00	39.18 -1.35 1.46	39.10 -1.34 1.51	36.69 -1.21 0.00	37.42 -1.24 0.00	35.33 -1.20 0.00	34.79 -1.19 0.00	36.72 -1.25 0.00	38.03 -1.34 0.00	37.99 -1.38 0.00	42.66 -1.55 0.00	39.86 -1.62 6.24	48.00 -1.81 5.19	49.25 -1.83 4.32	42.42 -1.45 0.00	35.06 -1.12 0.00	33.56 -1.04 0.00
SITHE_IND_GS3 24171	31.52 -1.01 0.00	29.78 -0.95 0.00	27.60 -0.88 0.00	26.37 -0.84 0.00	27.66 -0.85 0.00	29.78 -0.92 0.00	40.34 -1.25 0.00	40.78 -1.35 0.00	39.18 -1.35 1.46	39.10 -1.34 1.51	36.69 -1.21 0.00	37.42 -1.24 0.00	35.33 -1.20 0.00	34.79 -1.19 0.00	36.72 -1.25 0.00	38.03 -1.34 0.00	37.99 -1.38 0.00	42.66 -1.55 0.00	39.86 -1.62 6.24	48.00 -1.81 5.19	49.25 -1.83 4.32	42.42 -1.45 0.00	35.06 -1.12 0.00	33.56 -1.04 0.00
SITHE_IND_GS4 24172	31.52 -1.01 0.00	29.78 -0.95 0.00	27.60 -0.88 0.00	26.37 -0.84 0.00	27.66 -0.85 0.00	29.78 -0.92 0.00	40.34 -1.25 0.00	40.78 -1.35 0.00	39.18 -1.35 1.46	39.10 -1.34 1.51	36.69 -1.21 0.00	37.42 -1.24 0.00	35.33 -1.20 0.00	34.79 -1.19 0.00	36.72 -1.25 0.00	38.03 -1.34 0.00	37.99 -1.38 0.00	42.66 -1.55 0.00	39.86 -1.62 6.24	48.00 -1.81 5.19	49.25 -1.83 4.32	42.42 -1.45 0.00	35.06 -1.12 0.00	33.56 -1.04 0.00
SITHE___BATAVIA 24024	23.23 -2.83 6.47	19.84 -2.67 8.22	18.68 -2.45 7.35	18.40 -2.18 6.64	20.18 -2.14 6.19	23.31 -2.33 5.05	31.26 -3.41 6.92	31.99 -3.07 7.07	30.99 -2.94 8.06	30.63 -2.60 8.72	29.74 -2.43 5.74	28.41 -2.74 7.50	27.29 -2.81 6.44	26.98 -2.84 6.15	25.71 -2.89 9.38	16.51 -3.39 19.48	28.50 -3.39 7.49	32.58 -3.62 8.00	36.31 -4.10 7.31	44.87 -4.56 5.57	45.70 -4.54 5.14	37.81 -3.29 2.76	32.83 -2.79 0.57	30.74 -2.84 1.02
SITHE___INDEPEND 23800	31.49 -1.04 0.00	29.78 -0.95 0.00	27.60 -0.88 0.00	26.37 -0.84 0.00	27.66 -0.86 0.00	29.78 -0.92 0.00	40.34 -1.25 0.00	40.78 -1.35 0.00	39.14 -1.39 1.46	39.10 -1.34 1.51	36.69 -1.21 0.00	37.38 -1.28 0.00	35.33 -1.21 0.00	34.79 -1.19 0.00	36.72 -1.25 0.00	37.99 -1.38 0.00	37.99 -1.38 0.00	42.66 -1.55 0.00	39.86 -1.62 6.24	48.00 -1.82 5.19	49.25 -1.83 4.32	42.47 -1.40 0.00	35.17 -1.01 0.00	33.56 -1.04 0.00
SITHE___MASSENA 23902	32.53 0.00 0.00	30.67 -0.06 0.00	28.37 -0.11 0.00	27.11 -0.11 0.00	28.37 -0.14 0.00	30.58 -0.12 0.00	41.71 0.13 0.00	42.17 0.04 0.00	42.07 0.08 0.00	41.87 -0.08 0.00	37.75 -0.15 0.00	38.55 -0.12 0.00	36.35 -0.18 0.00	35.76 -0.21 0.00	37.75 -0.23 0.00	39.25 -0.12 0.00	39.22 -0.16 0.00	44.12 0.00 0.00	47.68 -0.05 0.00	54.89 -0.11 0.00	55.33 -0.06 0.00	43.87 0.00 0.00	36.19 0.00 0.00	34.70 0.10 0.00
SITHE___OGDNSBRG 24021	32.60 0.07 0.00	30.73 0.00 0.00	28.40 -0.09 0.00	27.13 -0.08 0.00	28.37 -0.14 0.00	30.61 -0.09 0.00	41.84 0.25 0.00	42.26 0.13 0.00	41.96 -0.08 -0.06	41.55 -0.46 -0.06	37.33 -0.57 0.00	37.93 -0.73 0.00	35.73 -0.80 0.00	35.15 -0.83 0.00	37.18 -0.80 0.00	38.74 -0.63 0.00	38.74 -0.63 0.00	43.68 -0.53 0.00	47.63 -0.33 -0.24	55.14 -0.06 -0.20	55.50 -0.06 -0.16	43.96 0.09 0.00	36.26 0.07 0.00	34.84 0.24 0.00
SITHE___STERLING 23777	33.18 0.65 0.00	31.31 0.58 0.00	28.99 0.51 0.00	27.70 0.49 0.00	29.03 0.51 0.00	31.28 0.58 0.00	42.46 0.87 0.00	43.06 0.93 0.00	42.99 0.88 -0.12	42.96 0.88 -0.13	38.62 0.72 0.00	39.43 0.77 0.00	37.19 0.66 0.00	36.59 0.61 0.00	38.70 0.72 0.00	40.16 0.79 0.00	40.12 0.75 0.00	45.09 0.88 0.00	49.39 1.14 -0.52	57.36 1.54 -0.82	57.73 1.50 -0.85	45.10 1.23 0.00	37.16 0.98 0.00	35.46 0.87 0.00
SLEIGHT__34_KV_TB1 80719	27.37 -1.53 3.63	24.68 -1.44 4.61	22.99 -1.37 4.12	22.27 -1.22 3.72	24.62 -1.20 2.70	29.66 -1.23 -0.19	40.37 -1.50 -0.28	41.11 -1.31 -0.29	41.93 -1.26 -1.20	39.47 -1.13 1.35	36.91 -1.14 -0.15	36.25 -1.24 1.17	35.13 -1.24 0.16	33.99 -1.37 0.62	33.59 -1.41 2.98	37.76 -1.61 0.00	38.05 -1.65 -0.33	42.17 -1.77 0.27	46.58 -1.81 -0.67	52.54 -2.04 0.43	52.82 -1.94 0.63	43.05 -1.45 -0.63	35.05 -1.27 -0.13	33.52 -1.31 -0.23
SOUTH CAIRO___GT 23612	34.35 1.82 0.00	32.48 1.75 0.00	30.10 1.62 0.00	28.77 1.55 0.00	30.08 1.57 0.00	32.36 1.66 0.00	43.71 2.12 0.00	44.28 2.15 0.00	43.92 1.93 0.00	43.71 1.76 0.00	39.34 1.44 0.00	40.01 1.35 0.00	37.78 1.24 0.00	37.24 1.26 0.00	39.15 1.18 0.00	40.75 1.38 0.00	40.87 1.50 0.00	45.98 1.77 0.00	49.68 1.96 0.00	57.42 2.42 0.00	57.99 2.60 0.00	45.98 2.11 0.00	37.85 1.66 0.00	36.22 1.63 0.00
SOUTH HAMPTN___IC 23720	36.12 3.58 -0.01	34.03 3.29 -0.01	31.56 3.08 0.00	30.30 3.07 -0.01	31.66 3.14 -0.01	34.17 3.47 -0.01	46.00 4.41 -0.01	46.86 4.72 -0.01	45.90 3.91 -0.01	45.69 3.73 -0.01	44.65 3.37 -3.37	46.01 3.44 -3.91	46.07 3.36 -6.17	46.35 3.42 -6.95	47.21 3.65 -5.59	48.15 3.74 -5.04	48.76 3.90 -5.49	54.71 4.38 -6.12	52.92 4.39 -0.80	62.50 4.95 -2.55	65.40 4.93 -5.08	48.92 3.73 -1.32	43.53 2.90 -4.45	38.41 2.63 -1.18
SOUTHDOW__115KV_TB1 355954	19.97 -2.90 9.67	15.66 -2.80 12.28	14.93 -2.56 10.98	14.85 -2.45 9.91	16.42 -2.59 9.50	18.95 -2.82 8.92	25.80 -3.62 12.17	26.25 -3.45 12.43	23.18 -3.28 15.53	24.25 -3.10 14.59	25.20 -2.73 9.97	23.40 -2.90 12.36	22.80 -2.81 10.92	22.87 -2.84 10.27	20.13 -2.96 14.89	22.30 -3.46 13.60	24.55 -3.50 11.32	26.90 -3.67 13.64	30.99 -3.63 13.11	42.83 -3.52 8.65	42.97 -3.38 9.05	35.59 -2.37 5.91	32.87 -2.10 1.22	30.20 -2.21 2.18
SOUTHOLD_69_KV_BK 2 55809	36.44 3.90 -0.01	34.30 3.56 -0.01	31.84 3.36 0.00	30.57 3.35 -0.01	31.95 3.42 -0.01	34.48 3.78 -0.01	46.42 4.82 -0.01	47.28 5.14 -0.01	45.82 3.82 -0.01	45.57 3.61 -0.01	44.50 3.22 -3.37	45.86 3.29 -3.91	45.89 3.18 -6.17	46.20 3.27 -6.95	47.06 3.49 -5.59	47.99 3.58 -5.04	48.65 3.78 -5.49	54.57 4.24 -6.12	52.63 4.10 -0.80	62.17 4.62 -2.54	65.06 4.60 -5.08	48.66 3.47 -1.32	43.17 2.53 -4.45	38.24 2.46 -1.18
SOUTHOLD___IC 23719	36.44 3.90 -0.01	34.30 3.56 -0.01	31.81 3.33 0.00	30.57 3.35 -0.01	31.94 3.42 -0.01	34.48 3.77 -0.01	46.42 4.82 -0.01	47.28 5.14 -0.01	45.82 3.82 -0.01	45.57 3.61 -0.01	44.49 3.22 -3.37	45.82 3.25 -3.91	45.92 3.22 -6.17	46.20 3.27 -6.95	47.05 3.49 -5.59	47.99 3.58 -5.04	48.65 3.78 -5.49	54.57 4.24 -6.12	52.63 4.10 -0.80	62.22 4.67 -2.54	65.12 4.65 -5.08	48.66 3.46 -1.32	43.27 2.64 -4.45	38.16 2.39 -1.18
SOUTH_FORK_WT_PWR 323839	36.51 3.97 -0.01	34.36 3.62 -0.01	31.90 3.42 0.00	30.65 3.43 -0.01	32.03 3.51 -0.01	34.54 3.84 -0.01	46.54 4.95 -0.01	47.40 5.27 -0.01	45.44 3.44 -0.01	45.15 3.19 -0.01	44.08 2.80 -3.37	45.40 2.82 -3.91	45.48 2.78 -6.17	45.81 2.88 -6.95	46.64 3.07 -5.59	47.56 3.15 -5.04	48.21 3.34 -5.49	54.13 3.80 -6.12	52.01 3.48 -0.80	61.45 3.91 -2.55	64.34 3.88 -5.08	48.09 2.89 -1.32	42.77 2.13 -4.45	37.68 1.90 -1.18

SPIERFLS_115KV_TB 1 80737	34.45 1.92 0.00	32.57 1.84 0.00	30.22 1.74 0.00	28.87 1.66 0.00	30.25 1.74 0.00	32.69 2.00 0.00	44.33 2.74 0.00	44.87 2.74 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.25 2.35 0.00	40.86 2.20 0.00	38.55 2.01 0.00	37.92 1.94 0.00	39.95 1.97 0.00	41.58 2.20 0.00	41.58 2.20 0.00	46.60 2.39 0.00	49.97 2.24 0.00	57.86 2.86 0.00	58.38 2.99 0.00	45.98 2.11 0.00	37.89 1.70 0.00	36.29 1.70 0.00
ST LAWRENCE____ 23600	32.34 -0.19 0.00	30.52 -0.21 0.00	28.25 -0.23 0.00	26.97 -0.25 0.00	28.23 -0.29 0.00	30.42 -0.28 0.00	41.38 -0.21 0.00	41.88 -0.25 0.00	41.74 -0.25 0.00	41.61 -0.34 0.00	37.56 -0.34 0.00	38.31 -0.35 0.00	36.17 -0.37 0.00	35.58 -0.39 0.00	37.56 -0.42 0.00	39.02 -0.36 0.00	39.02 -0.36 0.00	43.85 -0.36 0.00	47.39 -0.33 0.00	54.51 -0.50 0.00	54.94 -0.45 0.00	43.57 -0.30 0.00	35.93 -0.25 0.00	34.42 -0.17 0.00
STATE_CA_115KV_115_LB 55624	33.60 1.07 0.00	31.77 1.04 0.00	29.48 1.00 0.00	28.17 0.95 0.00	29.48 0.97 0.00	31.71 1.01 0.00	42.59 1.00 0.00	43.18 1.05 0.00	43.00 1.01 0.00	43.04 1.09 0.00	38.96 1.06 0.00	39.70 1.04 0.00	37.56 1.02 0.00	37.06 1.08 0.00	39.04 1.06 0.00	40.55 1.18 0.00	40.51 1.14 0.00	45.27 1.06 0.00	48.77 1.05 0.00	56.21 1.21 0.00	56.61 1.22 0.00	44.70 0.83 0.00	36.94 0.76 0.00	35.36 0.76 0.00
STATE_ST_34_KV_LOAD 55959	29.86 -0.26 2.41	27.45 -0.22 3.06	25.51 -0.23 2.74	24.52 -0.22 2.47	26.82 -0.20 1.49	31.70 -0.12 -1.13	43.15 0.00 -1.56	43.77 0.04 -1.59	44.19 0.00 -2.20	42.45 0.04 -0.45	39.15 -0.04 -1.29	38.94 -0.15 -0.43	37.61 -0.18 -1.26	36.44 -0.25 -0.71	36.70 -0.23 1.05	40.45 -0.31 -1.40	40.37 -0.31 -1.31	45.95 -0.27 -2.01	50.37 -0.14 -2.79	59.74 0.05 -4.68	60.96 0.11 -5.46	44.68 0.09 -0.72	36.37 0.04 -0.15	34.79 -0.07 -0.27
STATION 5_MISC_HYD 23604	25.90 -2.02 4.61	22.97 -1.91 5.86	21.47 -1.77 5.24	20.91 -1.58 4.73	23.55 -1.54 3.43	29.27 -1.63 -0.20	39.66 -2.21 -0.28	40.52 -1.90 -0.28	41.31 -1.80 -1.13	38.48 -1.59 1.88	36.53 -1.52 -0.15	35.47 -1.70 1.49	34.62 -1.72 0.20	33.36 -1.83 0.79	32.29 -1.90 3.79	37.99 -2.17 -0.79	35.36 -2.20 1.81	41.13 -2.43 0.64	45.58 -2.58 -0.43	52.01 -2.86 0.13	51.96 -2.82 0.61	42.49 -2.06 -0.68	34.52 -1.81 -0.14	33.01 -1.83 -0.25
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.93 -1.40 4.20	24.07 -1.32 5.34	22.45 -1.25 4.77	21.82 -1.09 4.31	24.34 -1.06 3.12	29.93 -1.07 -0.30	40.70 -1.33 -0.44	41.45 -1.14 -0.45	42.77 -1.09 -1.87	39.53 -0.96 1.46	37.15 -0.99 -0.23	36.18 -1.12 1.36	35.21 -1.13 0.19	34.00 -1.26 0.72	33.23 -1.29 3.45	38.25 -1.50 -0.37	37.56 -1.54 0.27	42.05 -1.64 0.53	47.03 -1.62 -0.92	51.20 -1.76 2.04	50.80 -1.72 2.87	43.64 -1.23 -1.00	35.31 -1.09 -0.21	33.79 -1.18 -0.37
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.97 -2.11 4.45	23.05 -2.03 5.65	21.55 -1.88 5.06	20.96 -1.69 4.56	23.55 -1.65 3.31	29.14 -1.75 -0.20	39.56 -2.33 -0.30	40.37 -2.06 -0.31	41.23 -1.97 -1.21	38.36 -1.80 1.79	36.32 -1.74 -0.16	35.37 -1.86 1.43	34.48 -1.86 0.19	33.24 -1.98 0.76	32.27 -2.05 3.66	37.73 -2.32 -0.68	36.02 -2.36 0.99	41.03 -2.56 0.62	45.43 -2.72 -0.43	51.34 -3.08 0.59	51.28 -2.99 1.12	42.30 -2.24 -0.67	34.44 -1.88 -0.14	32.91 -1.94 -0.25
STA_56____34_KV_BUS2 355983	25.97 -2.11 4.45	23.05 -2.03 5.65	21.55 -1.88 5.06	20.96 -1.69 4.56	23.55 -1.65 3.31	29.14 -1.75 -0.20	39.56 -2.33 -0.30	40.37 -2.06 -0.31	41.23 -1.97 -1.21	38.36 -1.80 1.79	36.32 -1.74 -0.16	35.37 -1.86 1.43	34.48 -1.86 0.19	33.24 -1.98 0.76	32.27 -2.05 3.66	37.73 -2.32 -0.68	36.02 -2.36 0.99	41.03 -2.56 0.62	45.43 -2.72 -0.43	51.34 -3.08 0.59	51.28 -2.99 1.12	42.30 -2.24 -0.67	34.44 -1.88 -0.14	32.91 -1.94 -0.25
STA_67____115KV_BK2 355882	25.86 -2.05 4.62	22.89 -1.97 5.87	21.44 -1.79 5.25	20.87 -1.61 4.74	23.48 -1.60 3.43	29.21 -1.69 -0.20	39.65 -2.25 -0.31	40.46 -1.98 -0.31	41.35 -1.89 -1.25	38.37 -1.72 1.86	36.40 -1.67 -0.16	35.39 -1.78 1.49	34.55 -1.79 0.20	33.28 -1.91 0.79	32.20 -1.97 3.80	37.92 -2.24 -0.80	35.27 -2.28 1.81	41.09 -2.48 0.64	45.54 -2.62 -0.44	51.90 -2.97 0.13	51.90 -2.88 0.61	42.46 -2.11 -0.69	34.52 -1.81 -0.14	32.98 -1.87 -0.26
STA_7____115KV_9TRANS 80674	26.03 -1.92 4.58	23.07 -1.84 5.82	21.57 -1.71 5.20	21.02 -1.50 4.70	23.63 -1.48 3.40	29.35 -1.53 -0.19	39.84 -2.04 -0.29	40.70 -1.73 -0.29	41.52 -1.64 -1.17	38.67 -1.43 1.86	36.65 -1.40 -0.15	35.64 -1.55 1.48	34.77 -1.57 0.20	33.51 -1.69 0.78	32.46 -1.75 3.76	38.07 -2.05 -0.75	35.53 -2.05 1.79	41.35 -2.21 0.65	45.80 -2.34 -0.41	52.18 -2.64 0.19	52.18 -2.55 0.66	42.67 -1.84 -0.65	34.73 -1.59 -0.13	33.14 -1.70 -0.24
STA_82____115KV_TB1 80780	25.82 -2.08 4.63	22.86 -2.00 5.88	21.37 -1.85 5.26	20.84 -1.63 4.74	23.45 -1.63 3.44	29.18 -1.72 -0.20	39.61 -2.29 -0.31	40.38 -2.06 -0.32	41.28 -1.97 -1.26	38.29 -1.80 1.86	36.32 -1.74 -0.17	35.28 -1.89 1.49	34.48 -1.86 0.20	33.21 -1.98 0.79	32.16 -2.01 3.80	37.85 -2.32 -0.80	35.19 -2.36 1.82	41.00 -2.56 0.64	45.45 -2.72 -0.44	51.80 -3.08 0.12	51.79 -2.99 0.61	42.38 -2.19 -0.70	34.48 -1.85 -0.14	32.92 -1.94 -0.26
STEEL____WIND 323596	20.50 -3.32 8.72	16.59 -3.07 11.07	15.76 -2.82 9.90	15.67 -2.61 8.94	16.70 -2.68 9.14	17.75 -2.95 10.00	23.71 -4.16 13.72	24.16 -3.96 14.01	21.41 -3.78 16.80	22.99 -3.57 15.39	23.33 -3.26 11.31	21.74 -3.52 13.40	20.61 -3.51 12.42	21.16 -3.45 11.36	19.34 -3.53 15.11	19.94 -4.05 15.38	22.41 -4.10 12.87	24.64 -4.51 15.06	28.29 -4.82 14.61	40.67 -5.39 8.95	40.81 -5.32 9.26	34.00 -3.82 6.05	31.72 -3.22 1.25	29.11 -3.25 2.23
STEPHTWN_115KV_BK_2 55603	33.77 1.24 0.00	31.93 1.20 0.00	29.62 1.14 0.00	28.30 1.09 0.00	29.63 1.11 0.00	31.89 1.20 0.00	42.88 1.29 0.00	43.44 1.31 0.00	43.25 1.26 0.00	43.29 1.34 0.00	39.11 1.21 0.00	39.86 1.20 0.00	37.71 1.17 0.00	37.20 1.22 0.00	39.19 1.22 0.00	40.71 1.34 0.00	40.71 1.34 0.00	45.49 1.28 0.00	49.01 1.29 0.00	56.54 1.54 0.00	56.94 1.55 0.00	44.97 1.10 0.00	37.16 0.98 0.00	35.53 0.93 0.00
STEBEN_REC_LFGE 323667	16.58 -1.98 13.96	11.06 -1.94 17.73	10.68 -1.94 15.86	11.02 -1.88 14.31	22.02 -1.91 4.59	50.62 -1.81 -21.74	69.19 -2.25 -29.85	70.54 -2.06 -30.48	76.06 -2.31 -36.38	57.80 -2.31 -18.16	60.26 -2.31 -24.67	54.71 -2.55 -18.60	59.75 -2.48 -25.70	52.56 -2.59 -19.17	40.84 -2.92 -5.79	62.02 -3.11 -25.76	61.00 -2.95 -24.58	65.76 -2.92 -24.47	77.36 -2.67 -32.30	71.54 -2.53 -19.07	77.43 -2.33 -24.36	55.69 -1.54 -13.35	37.38 -1.56 -2.75	37.93 -1.59 -4.93
STILLWATER____SOLAR 323814	34.32 1.79 0.00	32.45 1.72 0.00	30.07 1.59 0.00	28.74 1.52 0.00	30.11 1.60 0.00	32.51 1.81 0.00	44.00 2.41 0.00	44.53 2.40 0.00	44.34 2.35 0.00	44.38 2.43 0.00	40.06 2.16 0.00	40.75 2.09 0.00	38.47 1.94 0.00	37.92 1.94 0.00	39.95 1.97 0.00	41.53 2.16 0.00	41.54 2.16 0.00	46.55 2.34 0.00	49.87 2.15 0.00	57.64 2.64 0.00	58.10 2.71 0.00	45.85 1.98 0.00	37.85 1.67 0.00	36.19 1.59 0.00

STONY___BROOK 24151	35.43 2.89 -0.01	33.44 2.70 -0.01	31.04 2.56 0.00	29.75 2.53 -0.01	31.09 2.57 -0.01	33.53 2.82 -0.01	45.17 3.58 -0.01	46.01 3.87 -0.01	45.78 3.78 -0.01	45.69 3.73 -0.01	44.73 3.45 -3.38	46.11 3.52 -3.93	46.16 3.43 -6.19	46.44 3.49 -6.98	47.23 3.65 -5.61	48.17 3.74 -5.05	48.75 3.86 -5.51	54.37 4.29 -5.87	52.87 4.54 -0.61	61.99 5.06 -1.94	64.73 4.99 -4.35	49.01 3.81 -1.32	43.69 3.04 -4.46	38.58 2.80 -1.19
STURGEON_POOL_HYD 23609	34.09 1.56 0.00	32.24 1.51 0.00	29.96 1.48 0.00	28.63 1.42 0.00	29.91 1.40 0.00	32.23 1.53 0.00	43.67 2.08 0.00	44.49 2.36 0.00	44.38 2.39 0.00	44.38 2.43 0.00	40.17 2.27 0.00	41.02 2.36 0.00	38.87 2.34 0.00	38.39 2.41 0.00	40.44 2.47 0.00	41.89 2.52 0.00	41.97 2.60 0.00	47.13 2.92 0.00	50.73 3.01 0.00	58.41 3.41 0.00	58.71 3.32 0.00	46.37 2.50 0.00	37.92 1.74 0.00	36.26 1.66 0.00
ST_LAW_115_BK7_LBMP 345037	32.30 -0.23 0.00	30.48 -0.25 0.00	28.22 -0.26 0.00	26.97 -0.25 0.00	28.23 -0.29 0.00	30.39 -0.31 0.00	41.34 -0.25 0.00	41.84 -0.29 0.00	41.74 -0.25 0.00	41.57 -0.38 0.00	37.52 -0.38 0.00	38.27 -0.39 0.00	36.14 -0.40 0.00	35.55 -0.43 0.00	37.56 -0.42 0.00	38.98 -0.39 0.00	38.98 -0.39 0.00	43.81 -0.40 0.00	47.34 -0.38 0.00	54.45 -0.55 0.00	54.89 -0.50 0.00	43.52 -0.35 0.00	35.93 -0.25 0.00	34.39 -0.21 0.00
ST_LAW_115_BK8_LBMP 345038	32.30 -0.23 0.00	30.48 -0.25 0.00	28.22 -0.26 0.00	26.97 -0.25 0.00	28.23 -0.29 0.00	30.39 -0.31 0.00	41.34 -0.25 0.00	41.84 -0.29 0.00	41.74 -0.25 0.00	41.57 -0.38 0.00	37.52 -0.38 0.00	38.27 -0.39 0.00	36.14 -0.40 0.00	35.55 -0.43 0.00	37.56 -0.42 0.00	38.98 -0.39 0.00	38.98 -0.39 0.00	43.81 -0.40 0.00	47.34 -0.38 0.00	54.45 -0.55 0.00	54.89 -0.50 0.00	43.52 -0.35 0.00	35.93 -0.25 0.00	34.39 -0.21 0.00
ST_LAW_230_BK5_LBMP 345035	32.34 -0.19 0.00	30.52 -0.21 0.00	28.25 -0.23 0.00	26.97 -0.25 0.00	28.23 -0.29 0.00	30.42 -0.28 0.00	41.38 -0.21 0.00	41.88 -0.25 0.00	41.74 -0.25 0.00	41.61 -0.34 0.00	37.56 -0.34 0.00	38.31 -0.35 0.00	36.17 -0.37 0.00	35.58 -0.39 0.00	37.56 -0.42 0.00	39.02 -0.36 0.00	39.02 -0.36 0.00	43.85 -0.36 0.00	47.39 -0.33 0.00	54.51 -0.50 0.00	54.94 -0.45 0.00	43.57 -0.30 0.00	35.93 -0.25 0.00	34.42 -0.17 0.00
ST_LAW_230_BK6_LBMP 345036	32.34 -0.19 0.00	30.52 -0.21 0.00	28.25 -0.23 0.00	26.97 -0.25 0.00	28.23 -0.29 0.00	30.42 -0.28 0.00	41.38 -0.21 0.00	41.88 -0.25 0.00	41.74 -0.25 0.00	41.61 -0.34 0.00	37.56 -0.34 0.00	38.31 -0.35 0.00	36.17 -0.37 0.00	35.58 -0.39 0.00	37.56 -0.42 0.00	39.02 -0.36 0.00	39.02 -0.36 0.00	43.85 -0.36 0.00	47.39 -0.33 0.00	54.51 -0.50 0.00	54.94 -0.45 0.00	43.57 -0.30 0.00	35.93 -0.25 0.00	34.42 -0.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.06 1.53 0.00	32.17 1.44 0.00	29.93 1.45 0.00	28.60 1.39 0.00	29.88 1.37 0.00	32.20 1.50 0.00	43.59 2.00 0.00	44.40 2.28 0.00	44.34 2.35 0.00	44.34 2.39 0.00	40.17 2.27 0.00	41.06 2.40 0.00	38.91 2.37 0.00	38.39 2.41 0.00	40.52 2.54 0.00	41.93 2.56 0.00	41.97 2.60 0.00	47.08 2.87 0.00	50.73 3.01 0.00	58.41 3.41 0.00	58.71 3.32 0.00	46.28 2.41 0.00	37.85 1.66 0.00	36.19 1.59 0.00
SWANROAD_115KV_TB1 355699	20.87 -4.10 7.56	17.35 -3.78 9.60	16.45 -3.45 8.59	16.28 -3.18 7.75	17.61 -3.22 7.68	19.39 -3.59 7.71	25.99 -5.07 10.52	26.16 -5.22 10.74	23.67 -5.33 12.99	25.14 -4.57 12.24	24.92 -4.36 8.62	23.79 -4.45 10.42	22.79 -4.35 9.40	22.96 -4.28 8.73	21.45 -4.33 12.20	21.67 -5.00 12.70	24.26 -5.00 10.12	26.83 -5.70 11.68	29.70 -6.73 11.30	39.03 -7.81 8.16	39.75 -7.75 7.88	33.29 -5.75 4.83	30.45 -4.74 0.99	28.14 -4.67 1.78
SYNERGY___BIOGAS 323694	23.23 -2.83 6.47	19.84 -2.67 8.22	18.68 -2.45 7.35	18.40 -2.18 6.64	20.16 -2.17 6.19	23.31 -2.33 5.05	31.55 -3.16 6.88	32.16 -2.95 7.02	31.13 -2.98 7.87	30.67 -2.60 8.68	29.57 -2.62 5.71	28.38 -2.78 7.50	27.32 -2.78 6.44	26.95 -2.88 6.15	25.67 -2.92 9.38	16.47 -3.43 19.48	28.50 -3.39 7.49	32.58 -3.63 8.00	36.31 -4.10 7.31	44.85 -4.57 5.59	45.73 -4.49 5.17	37.86 -3.25 2.76	32.83 -2.79 0.57	30.74 -2.84 1.02
SYRACUSE___ENERGY_ST1 323597	31.09 -0.16 1.28	28.95 -0.15 1.63	26.85 -0.17 1.46	25.76 -0.14 1.31	27.45 -0.11 0.95	30.61 -0.09 0.00	41.55 -0.04 0.00	42.09 -0.04 0.00	42.27 -0.04 -0.32	41.70 0.00 0.25	37.90 0.00 0.00	38.22 -0.04 0.40	36.44 -0.04 0.06	35.65 -0.11 0.21	36.84 -0.11 1.03	39.21 -0.16 0.00	39.14 -0.24 0.00	43.99 -0.22 0.00	48.92 -0.19 -1.38	57.40 -0.11 -2.51	57.99 -0.06 -2.66	43.83 -0.04 0.00	36.19 0.00 0.00	34.53 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	31.09 -0.16 1.28	28.95 -0.15 1.63	26.85 -0.17 1.46	25.76 -0.14 1.31	27.45 -0.11 0.95	30.61 -0.09 0.00	41.55 -0.04 0.00	42.09 -0.04 0.00	42.27 -0.04 -0.32	41.70 0.00 0.25	37.90 0.00 0.00	38.22 -0.04 0.40	36.44 -0.04 0.06	35.65 -0.11 0.21	36.84 -0.11 1.03	39.21 -0.16 0.00	39.14 -0.24 0.00	43.99 -0.22 0.00	48.92 -0.19 -1.38	57.40 -0.11 -2.51	57.99 -0.06 -2.66	43.83 -0.04 0.00	36.19 0.00 0.00	34.53 -0.07 0.00
SYRACUSE___POWER 24017	32.34 -0.20 0.00	30.55 -0.18 0.00	28.31 -0.17 0.00	27.05 -0.16 0.00	28.37 -0.14 0.00	30.57 -0.12 0.00	41.51 -0.08 0.00	42.09 -0.04 0.00	42.18 -0.04 -0.23	42.19 0.00 -0.24	37.90 0.00 0.00	38.62 -0.04 0.00	36.46 -0.07 0.00	35.87 -0.11 0.00	37.86 -0.11 0.00	39.21 -0.16 0.00	39.18 -0.20 0.00	44.34 -0.22 -0.35	48.58 -0.14 -1.00	56.52 -0.11 -1.63	57.02 -0.06 -1.68	43.83 -0.04 0.00	36.19 0.00 0.00	34.53 -0.07 0.00
TALLMAN__138KV_BK151 55660	34.22 1.69 0.00	32.33 1.60 0.00	30.08 1.59 0.00	28.74 1.52 0.00	30.03 1.51 0.00	32.39 1.69 0.00	43.83 2.25 0.00	44.70 2.57 0.00	44.59 2.60 0.00	44.64 2.68 0.00	40.48 2.58 0.00	41.37 2.71 0.00	39.20 2.67 0.00	38.71 2.73 0.00	40.86 2.89 0.00	42.28 2.91 0.00	42.33 2.95 0.00	47.44 3.23 0.00	51.11 3.39 0.00	58.85 3.85 0.00	59.05 3.66 0.00	46.50 2.63 0.00	38.03 1.85 0.00	36.33 1.73 0.00
TEALLAVE_115KV_TB7 355573	32.21 -0.33 0.00	30.45 -0.28 0.00	28.20 -0.28 0.00	26.97 -0.24 0.00	28.29 -0.23 0.00	30.48 -0.21 0.00	41.38 -0.21 0.00	41.92 -0.21 0.00	42.00 -0.21 -0.22	42.05 -0.13 -0.22	37.79 -0.11 0.00	38.51 -0.15 0.00	36.39 -0.15 0.00	35.76 -0.22 0.00	37.75 -0.23 0.00	39.09 -0.28 0.00	39.02 -0.35 0.00	43.81 -0.40 0.00	48.27 -0.38 -0.92	56.03 -0.33 -1.36	56.43 -0.33 -1.38	43.65 -0.22 0.00	36.04 -0.14 0.00	34.39 -0.21 0.00
TELGRAPH_34_KV_EAST 80808	22.20 -3.42 6.92	18.78 -3.17 8.78	17.72 -2.91 7.86	17.48 -2.64 7.09	19.05 -2.65 6.81	21.60 -2.92 6.19	29.13 -4.03 8.43	29.57 -3.96 8.60	28.03 -3.99 9.97	28.34 -3.44 10.18	27.60 -3.34 6.97	26.36 -3.52 8.78	25.32 -3.47 7.74	25.20 -3.49 7.29	23.85 -3.53 10.59	23.04 -4.09 12.24	26.66 -4.06 8.66	30.12 -4.51 9.58	33.53 -5.20 8.99	40.58 -5.89 8.53	43.32 -5.82 6.26	35.98 -4.30 3.59	31.86 -3.58 0.74	29.67 -3.60 1.33

TEMPLE___115KV_TB 2 55572	32.24 -0.29 0.00	30.45 -0.28 0.00	28.22 -0.26 0.00	26.97 -0.24 0.00	28.29 -0.23 0.00	30.48 -0.21 0.00	41.38 -0.21 0.00	41.92 -0.21 0.00	42.04 -0.17 -0.21	42.09 -0.08 -0.22	37.79 -0.11 0.00	38.54 -0.12 0.00	36.43 -0.11 0.00	35.80 -0.18 0.00	37.79 -0.19 0.00	39.13 -0.24 0.00	39.06 -0.31 0.00	43.85 -0.35 0.00	48.30 -0.33 -0.91	56.00 -0.33 -1.33	56.46 -0.28 -1.35	43.65 -0.22 0.00	36.04 -0.14 0.00	34.39 -0.21 0.00
TIANA___69_KV_BK 1 55817	35.96 3.42 -0.01	33.90 3.17 -0.01	31.44 2.96 0.00	30.19 2.97 -0.01	31.55 3.02 -0.01	34.02 3.32 -0.01	45.80 4.20 -0.01	46.65 4.51 -0.01	45.94 3.95 -0.01	45.74 3.78 -0.01	44.72 3.45 -3.37	46.09 3.52 -3.91	46.14 3.43 -6.17	46.42 3.49 -6.95	47.28 3.72 -5.59	48.23 3.82 -5.04	48.84 3.98 -5.49	54.75 4.42 -6.12	53.06 4.53 -0.80	62.66 5.12 -2.54	65.51 5.04 -5.08	49.05 3.86 -1.32	43.53 2.89 -4.45	38.62 2.84 -1.18
TILDEN___115KV_TB1 80814	32.34 -0.20 0.00	30.55 -0.18 0.00	28.31 -0.17 0.00	27.05 -0.16 0.00	28.37 -0.14 0.00	30.57 -0.12 0.00	41.51 -0.08 0.00	42.09 -0.04 0.00	42.18 -0.04 -0.23	42.19 0.00 -0.24	37.90 0.00 0.00	38.62 -0.04 0.00	36.46 -0.07 0.00	35.87 -0.11 0.00	37.86 -0.11 0.00	39.21 -0.16 0.00	39.18 -0.20 0.00	44.34 -0.22 -0.35	48.58 -0.14 -1.00	56.52 -0.11 -1.63	57.02 -0.06 -1.68	43.83 -0.04 0.00	36.19 0.00 0.00	34.53 -0.07 0.00
TRIGEN___CC 323695	34.76 2.21 -0.02	32.93 2.18 -0.02	30.62 2.14 0.00	29.27 2.04 -0.02	30.55 2.02 -0.02	32.95 2.24 -0.02	44.52 2.91 -0.02	45.43 3.29 -0.02	45.24 3.23 -0.02	45.28 3.31 -0.02	46.77 3.03 -5.84	48.60 3.17 -6.77	50.28 3.07 -10.67	51.13 3.13 -12.03	50.90 3.27 -9.66	51.39 3.31 -8.71	52.26 3.39 -9.50	56.63 3.71 -8.71	51.70 3.96 -0.02	59.36 4.35 -0.02	63.09 4.21 -3.49	49.25 3.11 -2.27	46.23 2.35 -7.69	38.86 2.21 -2.05
TRINITY___115KV___ 4 BK 55933	33.51 0.98 0.00	31.68 0.95 0.00	29.39 0.91 0.00	28.09 0.87 0.00	29.40 0.88 0.00	31.62 0.92 0.00	42.46 0.87 0.00	43.01 0.88 0.00	42.87 0.88 0.00	42.92 0.96 0.00	38.81 0.91 0.00	39.55 0.89 0.00	37.41 0.88 0.00	36.95 0.97 0.00	38.92 0.95 0.00	40.39 1.02 0.00	40.40 1.02 0.00	45.14 0.93 0.00	48.63 0.91 0.00	56.05 1.05 0.00	56.39 1.00 0.00	44.57 0.70 0.00	36.84 0.65 0.00	35.25 0.66 0.00
UNION___PROCESSING_DRP 323587	25.82 -2.08 4.63	22.85 -2.00 5.88	21.39 -1.82 5.26	20.83 -1.63 4.75	23.45 -1.63 3.44	29.16 -1.72 -0.18	39.59 -2.29 -0.28	40.40 -2.02 -0.29	41.17 -1.97 -1.15	38.26 -1.80 1.89	36.31 -1.74 -0.15	35.27 -1.89 1.49	34.48 -1.86 0.20	33.21 -1.98 0.79	32.16 -2.01 3.81	37.89 -2.32 -0.84	35.16 -2.36 1.85	40.99 -2.56 0.66	45.41 -2.72 -0.40	51.79 -3.03 0.19	51.69 -2.99 0.71	42.32 -2.19 -0.64	34.47 -1.85 -0.13	32.89 -1.94 -0.24
UPPER HUDSON___HYD 24058	34.45 1.92 0.00	32.57 1.84 0.00	30.22 1.74 0.00	28.87 1.66 0.00	30.25 1.74 0.00	32.69 1.99 0.00	44.33 2.74 0.00	44.91 2.78 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.25 2.35 0.00	40.86 2.20 0.00	38.54 2.01 0.00	37.92 1.94 0.00	39.95 1.97 0.00	41.57 2.20 0.00	41.58 2.20 0.00	46.59 2.39 0.00	49.97 2.24 0.00	57.86 2.86 0.00	58.38 2.99 0.00	45.98 2.11 0.00	37.92 1.74 0.00	36.39 1.80 0.00
UPPER RAQUET___HYD 24056	31.91 -0.62 0.00	30.05 -0.68 0.00	27.77 -0.71 0.00	26.51 -0.71 0.00	27.72 -0.80 0.00	29.87 -0.83 0.00	40.84 -0.75 0.00	41.20 -0.93 0.00	41.06 -1.01 -0.08	40.69 -1.34 -0.08	36.54 -1.36 0.00	37.00 -1.66 0.00	34.82 -1.72 0.00	34.25 -1.73 0.00	36.23 -1.75 0.00	37.72 -1.65 0.00	37.60 -1.77 0.00	42.18 -2.03 0.00	46.15 -1.91 -0.34	53.64 -1.65 -0.28	54.02 -1.61 -0.23	42.64 -1.23 0.00	35.35 -0.83 0.00	34.01 -0.59 0.00
VALLEY44___115KV_TB2 355964	20.53 -1.89 10.11	16.14 -1.75 12.84	15.37 -1.62 11.49	15.35 -1.50 10.37	17.42 -1.51 9.58	20.94 -1.66 8.10	28.33 -2.20 11.06	28.78 -2.06 11.29	25.24 -2.10 14.65	26.07 -1.97 13.91	27.08 -1.82 9.00	25.22 -1.93 11.51	24.79 -1.94 9.81	24.66 -1.91 9.42	21.57 -1.90 14.51	24.61 -2.40 12.36	26.73 -2.44 10.20	29.02 -2.65 12.53	33.18 -2.58 11.96	44.10 -2.53 8.37	44.15 -2.49 8.74	36.45 -1.71 5.71	33.42 -1.59 1.18	30.83 -1.66 2.11
VALLEY___115KV_TB 1-4 80826	32.92 0.39 0.00	30.94 0.22 0.00	28.54 0.06 0.00	27.16 -0.05 0.00	28.40 -0.11 0.00	30.48 -0.21 0.00	41.09 3.37 0.00	41.62 -0.51 0.00	41.44 -0.55 0.00	41.45 -0.50 0.00	37.48 -0.42 0.00	38.35 -0.31 0.00	36.32 -0.22 0.00	35.87 -0.11 0.00	38.01 0.04 0.00	39.49 0.12 0.00	39.49 0.12 0.00	44.30 0.09 0.00	47.77 0.05 0.00	55.22 0.22 0.00	55.67 0.28 0.00	44.13 0.26 0.00	36.62 0.43 0.00	35.01 0.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	36.95 1.43 -2.99	35.91 1.38 -3.79	33.18 1.31 -3.39	31.53 1.25 -3.06	32.07 1.34 -2.22	32.11 1.41 0.00	44.65 3.37 0.31	45.65 3.83 0.32	44.62 3.82 1.19	48.10 3.90 -2.25	41.23 3.49 0.16	44.30 3.90 -1.73	40.17 3.40 -0.24	39.95 3.06 -0.92	45.86 3.49 -4.39	42.95 3.58 0.00	42.44 3.27 0.20	47.63 3.63 0.20	51.37 3.82 0.18	60.19 5.12 -0.07	60.48 4.87 -0.21	47.21 4.04 0.69	39.15 3.11 0.14	37.18 2.84 0.26
VISCHER___FERRY HYD 24020	33.83 1.30 0.00	31.99 1.26 0.00	29.68 1.20 0.00	28.36 1.14 0.00	29.71 1.20 0.00	31.99 1.29 0.00	43.25 1.67 0.00	43.82 1.69 0.00	43.63 1.64 0.00	43.67 1.72 0.00	39.45 1.55 0.00	40.21 1.55 0.00	38.00 1.46 0.00	37.49 1.51 0.00	39.50 1.52 0.00	41.02 1.65 0.00	41.03 1.65 0.00	45.98 1.77 0.00	49.49 1.77 0.00	57.09 2.09 0.00	57.44 2.05 0.00	45.40 1.53 0.00	37.49 1.30 0.00	35.84 1.24 0.00
V_A_10_SYNC_DSASP 323832	22.32 -3.68 6.54	19.02 -3.41 8.30	17.95 -3.10 7.43	17.63 -2.88 6.70	19.31 -2.91 6.29	21.50 -3.19 6.00	28.98 -4.41 8.20	29.50 -4.26 8.38	25.61 -4.24 12.14	28.01 -4.03 9.92	27.55 -3.79 6.56	26.84 -3.90 7.92	25.85 -3.80 6.89	25.67 -3.78 6.53	24.41 -3.84 9.73	25.35 -4.37 9.65	27.22 -4.37 7.78	30.21 -4.95 9.04	33.32 -5.35 9.06	40.75 -6.11 8.15	40.82 -6.09 8.48	34.31 -4.52 5.04	31.38 -3.76 1.04	29.03 -3.70 1.86
V_CMM_10_SYNC_DSASP 323787	32.66 0.13 0.00	30.79 0.06 0.00	28.51 0.03 0.00	27.24 0.03 0.00	28.49 -0.03 0.00	30.73 0.03 0.00	41.88 0.29 0.00	42.38 0.25 0.00	42.28 0.29 0.00	42.12 0.17 0.00	38.01 0.11 0.00	38.89 0.23 0.00	36.68 0.15 0.00	36.09 0.11 0.00	38.09 0.11 0.00	39.57 0.20 0.00	39.53 0.16 0.00	44.43 0.22 0.00	47.96 0.24 0.00	54.62 -0.39 0.00	55.22 -0.17 0.00	44.09 0.22 0.00	36.33 0.14 0.00	34.87 0.28 0.00
V_CMP_10_SYNC_DSASP 323788	32.73 0.20 0.00	30.85 0.12 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.49 -0.03 0.00	30.70 0.00 0.00	41.88 0.29 0.00	42.42 0.29 0.00	42.28 0.29 0.00	42.08 0.13 0.00	37.90 0.00 0.00	38.66 0.00 0.00	36.43 -0.11 0.00	35.83 -0.14 0.00	37.82 -0.15 0.00	39.33 -0.04 0.00	39.33 -0.04 0.00	44.34 0.13 0.00	47.92 0.19 0.00	55.17 0.17 0.00	55.61 0.22 0.00	44.05 0.18 0.00	36.26 0.07 0.00	34.77 0.17 0.00



V_D_10_SYNC_DSASP 323841	32.53 0.00 0.00	30.67 -0.06 0.00	28.37 -0.11 0.00	27.11 -0.11 0.00	28.37 -0.14 0.00	30.57 -0.12 0.00	41.71 0.12 0.00	42.21 0.08 0.00	42.07 0.08 0.00	41.87 -0.08 0.00	37.79 -0.11 0.00	38.54 -0.12 0.00	36.39 -0.15 0.00	35.76 -0.22 0.00	37.79 -0.19 0.00	39.25 -0.12 0.00	39.21 -0.16 0.00	44.12 -0.09 0.00	47.68 -0.05 0.00	54.89 -0.11 0.00	55.33 -0.06 0.00	43.87 0.00 0.00	36.15 -0.04 0.00	34.70 0.10 0.00
V_E_10_SYNC_DSASP 323830	36.26 1.76 -1.97	34.83 1.60 -2.50	32.17 1.45 -2.24	30.62 1.39 -2.02	31.82 1.45 -1.85	33.49 1.60 -1.19	45.86 2.50 -1.78	46.72 2.78 -1.81	45.63 2.60 -1.04	47.22 2.43 -2.83	41.43 1.93 -1.60	43.41 2.13 -2.62	40.30 1.68 -2.08	39.46 1.40 -2.08	43.42 1.86 -3.59	43.02 2.05 -1.60	42.95 1.93 -1.65	50.78 2.48 -4.09	53.02 3.01 -2.29	60.81 4.29 -1.52	61.49 4.15 -1.94	47.38 3.51 0.00	38.94 2.75 0.00	37.02 2.42 0.00
V_F_30_NSYNC___DSASP 323816	34.39 1.85 0.00	32.51 1.78 0.00	30.13 1.65 0.00	28.79 1.58 0.00	30.17 1.65 0.00	32.54 1.84 0.00	44.08 2.50 0.00	44.62 2.49 0.00	44.42 2.44 0.00	44.47 2.52 0.00	40.14 2.24 0.00	40.83 2.17 0.00	38.55 2.01 0.00	37.99 2.01 0.00	40.03 2.05 0.00	41.61 2.24 0.00	41.62 2.24 0.00	46.60 2.39 0.00	49.92 2.20 0.00	57.70 2.70 0.00	58.16 2.77 0.00	45.89 2.02 0.00	37.81 1.63 0.00	36.15 1.56 0.00
V_F_30_SYNC_DSASP 323786	33.60 1.07 0.00	31.77 1.04 0.00	29.48 1.00 0.00	28.17 0.95 0.00	29.48 0.97 0.00	31.71 1.01 0.00	42.59 1.00 0.00	43.14 1.01 0.00	43.00 1.01 0.00	43.04 1.09 0.00	38.96 1.06 0.00	39.70 1.04 0.00	37.56 1.02 0.00	37.06 1.08 0.00	39.04 1.06 0.00	40.55 1.18 0.00	40.51 1.14 0.00	45.27 1.06 0.00	48.77 1.05 0.00	56.21 1.21 0.00	56.61 1.22 0.00	44.70 0.83 0.00	36.94 0.76 0.00	35.36 0.76 0.00
V_XM_10_SYNC_DSASP 323789	32.73 0.20 0.00	30.85 0.12 0.00	28.54 0.06 0.00	27.24 0.03 0.00	28.49 -0.03 0.00	30.70 0.00 0.00	41.88 0.29 0.00	42.42 0.29 0.00	42.28 0.29 0.00	42.08 0.13 0.00	37.90 0.00 0.00	38.66 0.00 0.00	36.43 -0.11 0.00	35.83 -0.14 0.00	37.82 -0.15 0.00	39.33 -0.04 0.00	39.33 -0.04 0.00	44.34 0.13 0.00	47.92 0.19 0.00	55.17 0.17 0.00	55.61 0.22 0.00	44.05 0.18 0.00	36.26 0.07 0.00	34.77 0.17 0.00
W.BABYLN_69_KV_BK1 56697	35.40 2.86 -0.01	33.44 2.70 -0.01	31.07 2.59 0.00	29.75 2.53 -0.01	31.09 2.57 -0.01	33.53 2.82 -0.01	45.26 3.66 -0.01	46.14 4.00 -0.01	45.95 3.95 -0.01	45.90 3.94 -0.01	45.21 3.64 -3.68	46.68 3.75 -4.27	46.88 3.62 -6.72	47.22 3.67 -7.58	47.94 3.87 -6.09	48.80 3.94 -5.49	49.41 4.06 -5.99	54.55 4.51 -5.83	52.76 4.77 -0.26	61.15 5.34 -0.81	63.82 5.26 -3.16	49.25 3.95 -1.43	44.07 3.04 -4.85	38.79 2.91 -1.29
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.29 1.76 0.00	32.42 1.69 0.00	30.13 1.65 0.00	28.79 1.58 0.00	30.08 1.57 0.00	32.45 1.75 0.00	43.92 2.33 0.00	44.78 2.65 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.59 2.69 0.00	41.48 2.82 0.00	39.31 2.78 0.00	38.82 2.84 0.00	40.94 2.96 0.00	42.40 3.03 0.00	42.44 3.07 0.00	47.57 3.36 0.00	51.21 3.48 0.00	59.02 4.02 0.00	59.21 3.82 0.00	46.68 2.81 0.00	38.14 1.95 0.00	36.43 1.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.45 1.92 0.00	32.57 1.84 0.00	30.33 1.85 0.00	28.98 1.77 0.00	30.25 1.74 0.00	32.63 1.93 0.00	44.17 2.58 0.00	45.08 2.95 0.00	45.01 3.02 0.00	45.10 3.15 0.00	40.86 2.96 0.00	41.72 3.05 0.00	39.53 3.00 0.00	39.07 3.09 0.00	41.24 3.27 0.00	42.72 3.35 0.00	42.84 3.46 0.00	48.01 3.80 0.00	51.73 4.01 0.00	59.35 4.35 0.00	59.54 4.15 0.00	46.85 2.98 0.00	38.28 2.10 0.00	36.50 1.90 0.00
W50THST__13_KV_LOAD 356117	34.58 2.05 0.00	32.70 1.97 0.00	30.45 1.97 0.00	29.09 1.88 0.00	30.34 1.82 0.00	32.75 2.06 0.00	44.33 2.74 0.00	45.33 3.20 0.00	45.26 3.28 0.00	45.35 3.40 0.00	41.08 3.18 0.00	41.99 3.32 0.00	39.79 3.25 0.00	39.32 3.35 0.00	41.51 3.53 0.00	42.99 3.62 0.00	43.07 3.70 0.00	48.32 4.11 0.00	51.97 4.25 0.00	59.68 4.68 0.00	59.88 4.49 0.00	47.07 3.20 0.00	38.43 2.24 0.00	36.67 2.08 0.00
WADING RIVER_IC_1 23522	35.60 3.06 -0.01	33.60 2.86 -0.01	31.16 2.68 0.00	29.89 2.67 -0.01	31.23 2.71 -0.01	33.68 2.98 -0.01	45.34 3.74 -0.01	46.18 4.04 -0.01	45.78 3.78 -0.01	45.65 3.69 -0.01	44.64 3.37 -3.37	46.01 3.44 -3.91	46.06 3.36 -6.17	46.35 3.42 -6.95	47.17 3.61 -5.58	48.10 3.70 -5.03	48.72 3.86 -5.49	54.62 4.29 -6.13	53.02 4.48 -0.81	62.57 5.00 -2.57	65.48 4.99 -5.10	49.01 3.81 -1.32	43.63 3.00 -4.45	38.55 2.77 -1.18
WADING RIVER_IC_2 23547	35.60 3.06 -0.01	33.60 2.86 -0.01	31.16 2.68 0.00	29.89 2.67 -0.01	31.23 2.71 -0.01	33.68 2.98 -0.01	45.34 3.74 -0.01	46.18 4.04 -0.01	45.78 3.78 -0.01	45.65 3.69 -0.01	44.64 3.37 -3.37	46.01 3.44 -3.91	46.06 3.36 -6.17	46.35 3.42 -6.95	47.17 3.61 -5.58	48.10 3.70 -5.03	48.72 3.86 -5.49	54.62 4.29 -6.13	53.02 4.48 -0.81	62.57 5.00 -2.57	65.48 4.99 -5.10	49.01 3.81 -1.32	43.63 3.00 -4.45	38.55 2.77 -1.18
WADING RIVER_IC_3 23601	35.60 3.06 -0.01	33.60 2.86 -0.01	31.16 2.68 0.00	29.89 2.67 -0.01	31.23 2.71 -0.01	33.68 2.98 -0.01	45.34 3.74 -0.01	46.18 4.04 -0.01	45.78 3.78 -0.01	45.65 3.69 -0.01	44.64 3.37 -3.37	46.01 3.44 -3.91	46.06 3.36 -6.17	46.35 3.42 -6.95	47.17 3.61 -5.58	48.10 3.70 -5.03	48.72 3.86 -5.49	54.62 4.29 -6.13	53.02 4.48 -0.81	62.57 5.00 -2.57	65.48 4.99 -5.10	49.01 3.81 -1.32	43.63 3.00 -4.45	38.55 2.77 -1.18
WALDENNY_12_KV_BK2 80841	20.52 -3.42 8.60	16.68 -3.13 10.92	15.84 -2.88 9.77	15.71 -2.69 8.81	16.79 -2.74 8.98	17.90 -3.04 9.76	24.11 -4.16 13.32	24.48 -4.04 13.60	21.87 -3.95 16.17	23.30 -3.65 15.00	23.45 -3.45 11.00	21.98 -3.60 13.09	20.93 -3.51 12.10	21.37 -3.53 11.08	19.57 -3.61 14.80	20.17 -4.13 15.07	22.67 -4.13 12.57	24.95 -4.55 14.70	28.49 -4.96 14.27	40.61 -5.56 8.83	40.81 -5.48 9.09	33.94 -3.99 5.94	31.63 -3.33 1.22	29.01 -3.39 2.19
WALDEN___HYDRO 24148	34.19 1.66 0.00	32.33 1.60 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.00 1.48 0.00	32.32 1.63 0.00	43.79 2.20 0.00	44.62 2.49 0.00	44.51 2.52 0.00	44.55 2.60 0.00	40.33 2.43 0.00	41.17 2.51 0.00	39.02 2.48 0.00	38.53 2.55 0.00	40.63 2.66 0.00	42.09 2.72 0.00	42.13 2.76 0.00	47.30 3.09 0.00	50.92 3.20 0.00	58.69 3.69 0.00	58.99 3.60 0.00	46.50 2.63 0.00	38.03 1.85 0.00	36.33 1.73 0.00
WARRENSBURG____ 23737	34.45 1.92 0.00	32.57 1.84 0.00	30.22 1.74 0.00	28.87 1.66 0.00	30.25 1.74 0.00	32.69 2.00 0.00	44.33 2.74 0.00	44.87 2.74 0.00	44.72 2.73 0.00	44.76 2.81 0.00	40.25 2.35 0.00	40.86 2.20 0.00	38.55 2.01 0.00	37.92 1.94 0.00	39.95 1.97 0.00	41.58 2.20 0.00	41.58 2.20 0.00	46.60 2.39 0.00	49.97 2.24 0.00	57.86 2.86 0.00	58.38 2.99 0.00	45.98 2.11 0.00	37.89 1.70 0.00	36.29 1.70 0.00

WATERSIDE___6 8 9 23538	34.48 1.95 0.00	32.63 1.91 0.00	30.42 1.94 -0.01	29.07 1.85 -0.01	30.34 1.82 0.00	32.66 1.96 0.00	44.00 2.41 0.00	44.99 2.86 0.00	44.93 2.94 0.00	45.01 3.06 0.00	40.82 2.92 0.00	41.68 3.02 0.00	39.50 2.96 0.00	39.04 3.06 0.00	41.20 3.23 0.00	42.72 3.35 0.00	42.80 3.43 0.00	47.97 3.76 0.00	51.64 3.91 0.00	59.18 4.18 0.00	59.32 3.93 0.00	46.81 2.94 0.00	38.28 2.10 0.00	36.57 1.97 0.00
WATKINRD_115KV_LN8_ILLION 55919	33.12 0.59 0.00	31.04 0.31 0.00	28.59 0.11 0.00	27.19 -0.03 0.00	28.40 -0.11 0.00	30.48 -0.21 0.00	40.96 -0.62 0.00	41.46 -0.67 0.00	41.28 -0.71 0.00	41.24 -0.71 0.00	37.29 -0.61 0.00	38.16 -0.50 0.00	36.17 -0.37 0.00	35.80 -0.18 0.00	37.98 0.00 0.00	39.49 0.12 0.00	39.49 0.12 0.00	44.30 0.09 0.00	47.77 0.05 0.00	55.28 0.28 0.00	55.72 0.33 0.00	44.22 0.35 0.00	36.80 0.62 0.00	35.22 0.62 0.00
WDELAWARE___HYD 323627	35.49 1.98 -0.98	33.84 1.87 -1.24	31.41 1.82 -1.11	29.96 1.74 -1.00	30.95 1.71 -0.73	32.60 1.90 0.00	44.21 2.62 0.00	45.12 2.99 0.00	45.01 3.02 0.00	45.06 3.10 0.00	40.70 2.80 0.00	41.60 2.94 0.00	39.42 2.89 0.00	38.86 2.88 0.00	40.90 2.92 0.00	42.36 2.99 0.00	42.40 3.03 0.00	47.66 3.45 0.00	51.31 3.58 0.00	59.18 4.18 0.00	59.55 4.16 0.00	47.07 3.20 0.00	38.50 2.32 0.00	36.64 2.04 0.00
WEST BABYLON___IC 23714	35.40 2.86 -0.01	33.44 2.70 -0.01	31.07 2.59 0.00	29.75 2.53 -0.01	31.09 2.57 -0.01	33.53 2.82 -0.01	45.26 3.66 -0.01	46.14 4.00 -0.01	45.95 3.95 -0.01	45.90 3.94 -0.01	45.21 3.64 -3.68	46.68 3.75 -4.27	46.88 3.62 -6.72	47.22 3.67 -7.58	47.94 3.87 -6.09	48.80 3.94 -5.49	49.41 4.06 -5.99	54.55 4.51 -5.83	52.76 4.77 -0.26	61.15 5.34 -0.81	63.82 5.26 -3.16	49.25 3.95 -1.43	44.07 3.04 -4.85	38.79 2.91 -1.29
WEST CANADA___HYD 24049	32.63 0.10 0.00	30.82 0.09 0.00	28.57 0.09 0.00	27.30 0.08 0.00	28.60 0.09 0.00	30.79 0.09 0.00	41.67 0.08 0.00	42.21 0.08 0.00	42.07 0.08 0.00	42.03 0.08 0.00	38.01 0.11 0.00	38.78 0.12 0.00	36.65 0.11 0.00	36.09 0.11 0.00	38.13 0.15 0.00	39.53 0.16 0.00	39.53 0.16 0.00	44.39 0.18 0.00	47.87 0.14 0.00	55.22 0.22 0.00	55.56 0.17 0.00	44.00 0.13 0.00	36.29 0.11 0.00	34.70 0.10 0.00
WESTERN_NY_WIND 24143	22.99 -2.90 6.65	19.56 -2.73 8.44	18.42 -2.51 7.55	18.17 -2.23 6.81	19.86 -2.22 6.43	22.78 -2.43 5.50	30.82 -3.29 7.48	31.41 -3.08 7.64	30.19 -3.11 8.69	29.96 -2.73 9.26	29.01 -2.69 6.20	27.76 -2.90 8.00	26.70 -2.89 6.95	26.43 -2.95 6.60	25.12 -3.00 9.85	17.89 -3.50 17.98	27.96 -3.46 7.95	31.83 -3.76 8.62	35.51 -4.25 7.97	44.17 -4.73 6.10	45.14 -4.65 5.60	37.40 -3.38 3.09	32.69 -2.86 0.64	30.52 -2.94 1.14
WESTOVER___LESR 323668	42.40 0.16 -9.70	43.24 0.18 -12.32	39.68 0.17 -11.02	37.35 0.19 -9.95	35.95 0.23 -7.21	30.63 0.28 0.34	41.51 0.46 0.54	42.17 0.59 0.55	40.48 0.55 2.05	46.84 0.59 -4.31	38.15 0.53 0.28	42.47 0.54 -3.27	37.46 0.47 -0.45	38.15 0.43 -1.74	46.81 0.53 -8.30	39.26 0.39 0.50	39.46 0.35 0.27	43.87 0.44 0.78	48.00 0.52 0.25	55.50 0.77 0.27	55.89 0.72 0.22	43.28 0.61 1.21	36.33 0.40 0.25	34.46 0.31 0.45
WETHRSFD_WT_PWR 323626	18.95 -2.96 10.62	14.45 -2.80 13.48	13.71 -2.71 12.06	13.71 -2.61 10.89	10.75 -2.71 15.05	2.39 -2.89 25.42	2.66 -4.12 34.81	2.64 -3.96 35.53	1.86 -3.86 36.26	4.82 -3.78 33.35	4.96 -3.52 29.42	2.82 -3.75 32.09	-0.17 -3.65 33.06	3.84 -3.60 28.54	3.97 -3.80 30.21	-0.53 -4.13 35.77	2.76 -4.17 32.44	2.61 -4.46 37.13	6.74 -4.53 36.45	35.56 -4.73 14.71	33.92 -4.60 16.87	28.93 -3.34 11.60	30.87 -2.93 2.39	27.37 -2.94 4.28
WHAVSTOR_138KV_BK127 55557	34.19 1.66 0.00	32.33 1.60 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.00 1.48 0.00	32.36 1.66 0.00	43.75 2.16 0.00	44.62 2.49 0.00	44.51 2.52 0.00	44.55 2.60 0.00	40.40 2.50 0.00	41.29 2.63 0.00	39.13 2.59 0.00	38.64 2.66 0.00	40.79 2.81 0.00	42.21 2.83 0.00	42.29 2.91 0.00	47.39 3.18 0.00	51.02 3.29 0.00	58.74 3.74 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.03 1.85 0.00	36.29 1.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.19 1.66 0.00	32.33 1.60 0.00	30.05 1.57 0.00	28.71 1.50 0.00	30.00 1.48 0.00	32.36 1.66 0.00	43.75 2.16 0.00	44.62 2.49 0.00	44.51 2.52 0.00	44.55 2.60 0.00	40.40 2.50 0.00	41.29 2.63 0.00	39.13 2.59 0.00	38.64 2.66 0.00	40.79 2.81 0.00	42.21 2.83 0.00	42.29 2.91 0.00	47.39 3.18 0.00	51.02 3.29 0.00	58.74 3.74 0.00	58.99 3.60 0.00	46.46 2.59 0.00	38.03 1.85 0.00	36.29 1.70 0.00
WHITEHAL_115KV_TB1 80871	34.97 2.44 0.00	33.06 2.34 0.00	30.65 2.16 0.00	29.31 2.10 0.00	30.68 2.17 0.00	33.25 2.55 0.00	45.12 3.54 0.00	45.58 3.45 0.00	45.43 3.44 0.00	45.43 3.48 0.00	40.86 2.96 0.00	41.37 2.71 0.00	39.02 2.48 0.00	38.35 2.37 0.00	40.41 2.43 0.00	42.13 2.76 0.00	42.13 2.76 0.00	47.30 3.09 0.00	50.78 3.05 0.00	59.02 4.02 0.00	59.60 4.21 0.00	46.85 2.98 0.00	38.57 2.39 0.00	36.91 2.32 0.00
WHITEPLN_13_KV_LOAD 356215	34.52 1.98 0.00	32.67 1.94 0.00	30.36 1.88 0.00	29.01 1.80 0.00	30.28 1.77 0.00	32.69 2.00 0.00	44.25 2.66 0.00	45.16 3.03 0.00	45.18 3.19 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.91 3.25 0.00	39.71 3.18 0.00	39.22 3.24 0.00	41.47 3.49 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.19 3.98 0.00	51.83 4.10 0.00	59.62 4.62 0.00	59.93 4.54 0.00	47.03 3.16 0.00	38.43 2.24 0.00	36.67 2.08 0.00
WM_FLOYD_69_KV_BK2 356380	35.57 3.03 -0.01	33.53 2.80 -0.01	31.13 2.65 0.00	29.86 2.64 -0.01	31.20 2.68 -0.01	33.65 2.95 -0.01	45.26 3.66 -0.01	46.14 4.00 -0.01	45.78 3.78 -0.01	45.65 3.69 -0.01	44.69 3.41 -3.38	46.06 3.48 -3.92	46.08 3.36 -6.18	46.39 3.45 -6.96	47.22 3.65 -5.59	48.15 3.74 -5.04	48.73 3.86 -5.50	54.59 4.29 -6.09	53.04 4.53 -0.78	62.52 5.06 -2.46	65.35 4.99 -4.97	49.01 3.82 -1.32	43.57 2.93 -4.45	38.65 2.87 -1.18
WOODARD__115KV_TB2 355635	31.24 -0.33 0.96	29.20 -0.31 1.22	27.10 -0.28 1.10	25.95 -0.27 0.99	27.54 -0.26 0.72	30.45 -0.25 0.00	41.34 -0.25 0.00	41.83 -0.29 0.00	42.00 -0.25 -0.27	42.06 -0.17 -0.28	37.71 -0.19 0.00	38.47 -0.19 0.00	36.32 -0.22 0.00	35.73 -0.25 0.00	37.71 -0.27 0.00	39.06 -0.31 0.00	38.98 -0.39 0.00	43.77 -0.44 0.00	48.44 -0.43 -1.14	56.40 -0.39 -1.78	56.83 -0.39 -1.83	43.61 -0.26 0.00	36.00 -0.18 0.00	34.35 -0.24 0.00
YORK___WARBASSE 23770	34.72 2.18 -0.01	32.83 2.09 -0.01	30.60 2.11 -0.01	29.24 2.01 -0.01	30.51 2.00 0.00	32.82 2.12 0.00	44.21 2.62 0.00	45.16 3.03 0.00	45.14 3.15 0.00	45.22 3.27 0.00	40.97 3.07 0.00	41.83 3.17 0.00	39.68 3.14 0.00	39.22 3.24 0.00	41.39 3.42 0.00	42.91 3.54 0.00	42.99 3.62 0.00	48.28 4.07 -0.01	51.93 4.20 -0.01	59.58 4.57 -0.01	59.72 4.32 -0.01	47.12 3.25 -0.01	38.55 2.35 -0.01	36.82 2.21 -0.01