

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/06/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	28.28	27.88	20.74	21.45	24.71	32.21	34.20	39.34	36.80	35.67	50.91	64.23	55.10	41.45	34.06	37.11	39.49	43.84	45.27	47.03	50.69	44.02	32.94	32.49
24138	2.00	1.91	1.41	1.40	1.62	1.86	1.98	2.51	2.59	2.31	3.38	4.28	3.41	2.65	2.29	2.42	2.64	2.75	2.75	2.58	2.55	2.17	1.92	2.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.32	27.92	20.77	21.47	24.74	32.24	34.21	39.33	36.79	35.74	51.04	64.34	55.18	41.53	34.12	37.15	39.55	43.91	45.36	47.12	50.78	44.11	32.97	32.46
24260	2.04	1.94	1.44	1.42	1.66	1.88	1.99	2.50	2.58	2.38	3.50	4.39	3.49	2.72	2.35	2.47	2.70	2.83	2.84	2.67	2.64	2.26	1.94	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	28.32	27.92	20.77	21.47	24.74	32.24	34.21	39.33	36.79	35.74	51.04	64.34	55.18	41.53	34.12	37.15	39.55	43.91	45.36	47.12	50.78	44.11	32.97	32.46
24261	2.04	1.94	1.44	1.42	1.66	1.88	1.99	2.50	2.58	2.38	3.50	4.39	3.49	2.72	2.35	2.47	2.70	2.83	2.84	2.67	2.64	2.26	1.94	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.94	27.64	20.57	21.33	24.48	31.84	33.45	38.05	35.00	34.09	48.53	61.10	53.15	40.65	33.51	36.02	37.85	42.20	43.63	46.00	49.69	43.30	32.24	31.90
24011	1.67	1.68	1.24	1.28	1.39	1.48	1.22	1.22	0.79	0.73	0.99	1.15	1.45	1.84	1.74	1.33	1.00	1.12	1.11	1.55	1.55	1.45	1.21	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.12	27.83	20.69	21.47	24.63	31.99	33.56	38.13	34.94	34.05	48.51	61.08	53.16	40.78	33.71	36.20	37.93	42.39	43.71	46.13	49.86	43.48	32.38	31.98
23798	1.84	1.86	1.36	1.42	1.54	1.64	1.33	1.30	0.74	0.68	0.97	1.13	1.47	1.97	1.94	1.52	1.08	1.30	1.19	1.69	1.71	1.63	1.35	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	27.94	27.64	20.57	21.33	24.48	31.84	33.45	38.05	35.00	34.09	48.53	61.10	53.15	40.65	33.51	36.02	37.85	42.20	43.63	46.00	49.69	43.30	32.24	31.90
24028	1.67	1.68	1.24	1.28	1.39	1.48	1.22	1.22	0.79	0.73	0.99	1.15	1.45	1.84	1.74	1.33	1.00	1.12	1.11	1.55	1.55	1.45	1.21	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.74	27.43	20.46	21.21	24.41	31.92	33.64	38.44	35.38	34.40	48.96	61.62	53.00	39.91	32.97	36.04	38.11	42.25	43.90	45.89	49.31	43.05	32.27	31.67
23527	1.47	1.46	1.13	1.16	1.32	1.57	1.41	1.61	1.17	1.04	1.42	1.67	1.31	1.10	1.20	1.35	1.26	1.16	1.39	1.45	1.17	1.20	1.24	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.91	26.63	19.84	20.55	23.66	30.91	32.70	37.40	34.62	33.69	47.83	60.28	51.94	39.13	32.20	35.16	37.37	41.47	42.94	44.79	48.26	42.00	31.42	30.86
24190	0.63	0.66	0.51	0.51	0.58	0.56	0.47	0.57	0.41	0.32	0.29	0.33	0.25	0.32	0.43	0.47	0.52	0.38	0.41	0.34	0.12	0.15	0.40	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	-13.34	-17.14	-19.26	-19.02	-17.95	-14.17	27.61	34.06	30.28	32.74	47.41	59.94	51.64	38.73	31.59	34.51	36.57	40.84	42.31	44.42	48.40	42.12	30.98	30.31
355683	-0.60	-0.55	-0.40	-0.41	-0.44	-0.36	-0.25	-0.26	-0.21	-0.11	-0.12	-0.01	-0.05	-0.08	-0.18	-0.18	-0.29	-0.25	-0.21	-0.03	0.25	0.27	-0.04	-0.16
	39.02	42.56	38.18	38.66	40.60	44.16	4.36	2.51	3.72	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	27.38	27.11	20.21	20.95	24.12	31.54	33.40	38.17	35.32	34.37	48.62	61.20	52.89	39.65	32.50	35.65	37.78	42.08	43.76	45.70	49.35	42.91	31.99	31.39
323833	1.10	1.14	0.88	0.90	1.04	1.19	1.17	1.34	1.11	1.00	1.08	1.25	1.19	0.84	0.73	0.95	0.93	1.00	1.24	1.26	1.20	1.06	0.97	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.37	27.11	20.20	20.94	24.11	31.54	33.39	38.16	35.31	34.36	48.61	61.18	52.88	39.63	32.50	35.64	37.77	42.07	43.75	45.69	49.33	42.91	31.99	31.38
323834	1.10	1.14	0.87	0.89	1.03	1.18	1.16	1.33	1.11	1.00	1.07	1.23	1.18	0.82	0.73	0.94	0.92	0.98	1.23	1.24	1.18	1.06	0.96	0.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.91	26.63	19.84	20.55	23.66	30.91	32.70	37.40	34.62	33.69	47.83	60.28	51.94	39.13	32.20	35.16	37.37	41.47	42.94	44.79	48.26	42.00	31.42	30.86
23571	0.63	0.66	0.51	0.51	0.58	0.56	0.47	0.57	0.41	0.32	0.29	0.33	0.25	0.32	0.43	0.47	0.52	0.38	0.41	0.34	0.12	0.15	0.40	0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.91 0.63 0.00	26.63 0.66 0.00	19.84 0.51 0.00	20.55 0.51 0.00	23.66 0.58 0.00	30.91 0.56 0.00	32.70 0.47 0.00	37.40 0.57 0.00	34.62 0.41 0.00	33.69 0.32 0.00	47.83 0.29 0.00	60.28 0.33 0.00	51.94 0.25 0.00	39.13 0.32 0.00	32.20 0.43 0.00	35.16 0.47 0.00	37.37 0.52 0.00	41.47 0.38 0.00	42.94 0.41 0.00	44.79 0.34 0.00	48.26 0.12 0.00	42.00 0.15 0.00	31.42 0.40 0.00	30.86 0.38 0.00
ALBANY___3 23573	26.91 0.63 0.00	26.63 0.66 0.00	19.84 0.51 0.00	20.55 0.51 0.00	23.66 0.58 0.00	30.91 0.56 0.00	32.70 0.47 0.00	37.40 0.57 0.00	34.62 0.41 0.00	33.69 0.32 0.00	47.83 0.29 0.00	60.28 0.33 0.00	51.94 0.25 0.00	39.13 0.32 0.00	32.20 0.43 0.00	35.16 0.47 0.00	37.37 0.52 0.00	41.47 0.38 0.00	42.94 0.41 0.00	44.79 0.34 0.00	48.26 0.12 0.00	42.00 0.15 0.00	31.42 0.40 0.00	30.86 0.38 0.00
ALBANY___4 23574	26.91 0.63 0.00	26.63 0.66 0.00	19.84 0.51 0.00	20.55 0.51 0.00	23.66 0.58 0.00	30.91 0.56 0.00	32.70 0.47 0.00	37.40 0.57 0.00	34.62 0.41 0.00	33.69 0.32 0.00	47.83 0.29 0.00	60.28 0.33 0.00	51.94 0.25 0.00	39.13 0.32 0.00	32.20 0.43 0.00	35.16 0.47 0.00	37.37 0.52 0.00	41.47 0.38 0.00	42.94 0.41 0.00	44.79 0.34 0.00	48.26 0.12 0.00	42.00 0.15 0.00	31.42 0.40 0.00	30.86 0.38 0.00
ALBANY___LFGE 323615	27.15 0.88 0.00	26.87 0.90 0.00	20.01 0.68 0.00	20.74 0.69 0.00	23.88 0.80 0.00	31.22 0.87 0.00	33.03 0.80 0.00	37.80 0.97 0.00	35.00 0.79 0.00	34.05 0.69 0.00	48.35 0.81 0.00	60.99 1.04 0.00	52.59 0.89 0.00	39.58 0.77 0.00	32.55 0.78 0.00	35.55 0.86 0.00	37.78 0.93 0.00	41.94 0.86 0.00	43.47 0.95 0.00	45.30 0.86 0.00	48.84 0.69 0.00	42.46 0.61 0.00	31.73 0.70 0.00	31.15 0.67 0.00
ALCOA_PA_115KV_PL-6C 55860	-12.23 -0.61 37.90	-17.38 -0.56 42.79	-19.45 -0.41 38.37	-19.22 -0.41 38.86	-18.17 -0.44 40.82	-13.99 -0.35 43.99	27.45 -0.24 4.54	33.30 -0.26 3.26	29.14 -0.23 4.84	32.54 -0.17 0.66	47.33 -0.21 0.00	59.88 -0.07 0.00	51.61 -0.08 0.00	38.68 -0.13 0.00	31.55 -0.22 0.00	34.49 -0.20 0.00	36.56 -0.29 0.00	40.80 -0.29 0.00	42.27 -0.25 0.00	44.43 -0.02 0.00	48.42 0.27 0.00	42.20 0.35 0.00	31.01 -0.02 0.00	30.33 -0.14 0.00
ALCOA_RYNLDS___DRP 24188	-12.23 -0.61 37.90	-17.38 -0.56 42.79	-19.45 -0.41 38.37	-19.22 -0.41 38.86	-18.17 -0.44 40.82	-13.99 -0.35 43.99	27.45 -0.24 4.54	33.30 -0.26 3.26	29.14 -0.23 4.84	32.54 -0.17 0.66	47.33 -0.21 0.00	59.88 -0.07 0.00	51.61 -0.08 0.00	38.68 -0.13 0.00	31.55 -0.22 0.00	34.49 -0.20 0.00	36.56 -0.29 0.00	40.80 -0.29 0.00	42.27 -0.25 0.00	44.43 -0.02 0.00	48.42 0.27 0.00	42.20 0.35 0.00	31.01 -0.02 0.00	30.33 -0.14 0.00
ALCOA___DSASP 323711	-12.23 -0.61 37.90	-17.38 -0.56 42.79	-19.45 -0.41 38.37	-19.22 -0.41 38.86	-18.17 -0.44 40.82	-13.98 -0.35 43.99	27.44 -0.25 4.54	33.30 -0.26 3.26	29.14 -0.23 4.84	32.54 -0.17 0.66	47.33 -0.21 0.00	59.88 -0.07 0.00	51.61 -0.08 0.00	38.68 -0.13 0.00	31.55 -0.22 0.00	34.49 -0.20 0.00	36.56 -0.29 0.00	40.80 -0.29 0.00	42.27 -0.25 0.00	44.43 -0.02 0.00	48.42 0.28 0.00	42.20 0.35 0.00	31.01 -0.02 0.00	30.33 -0.14 0.00
ALLEGHENY___COGEN 23514	26.19 -0.09 0.00	25.60 -0.37 0.00	19.02 -0.31 0.00	19.78 -0.26 0.00	23.08 -0.14 -0.14	30.61 0.25 0.00	32.87 0.64 0.00	37.54 0.70 0.00	34.23 0.02 0.00	32.79 -0.58 0.00	46.34 -1.20 0.00	58.15 -1.80 0.00	50.56 -1.14 0.00	37.86 -0.95 0.00	30.78 -0.99 0.00	33.84 -0.85 0.00	35.98 -0.87 0.00	40.58 -0.51 0.00	42.52 0.00 0.00	44.94 0.49 0.00	49.14 0.99 0.00	42.70 0.85 0.00	31.56 0.53 0.00	31.07 0.60 0.00
ALTAMONT_115KV_TB 2 55880	27.12 0.84 0.00	26.84 0.87 0.00	19.99 0.66 0.00	20.71 0.66 0.00	23.84 0.76 0.00	31.16 0.81 0.00	32.96 0.74 0.00	37.70 0.87 0.00	34.97 0.76 0.00	34.03 0.66 0.00	48.44 0.90 0.00	61.06 1.11 0.00	52.61 0.92 0.00	39.56 0.75 0.00	32.46 0.69 0.00	35.43 0.74 0.00	37.65 0.80 0.00	41.85 0.77 0.00	43.36 0.84 0.00	45.27 0.82 0.00	48.88 0.73 0.00	42.51 0.66 0.00	31.69 0.67 0.00	31.15 0.68 0.00
ALTONA_WT_PWR 323606	-14.06 -1.18 39.15	-17.70 -1.14 42.53	-19.64 -0.81 38.16	-19.46 -0.87 38.64	-18.39 -0.89 40.58	-14.73 -0.91 44.18	27.23 -0.66 4.34	33.91 -0.49 2.42	30.46 -0.16 3.59	32.87 -0.01 0.49	47.55 0.01 0.00	60.28 0.33 0.00	51.73 0.03 0.00	38.89 0.08 0.00	31.79 0.02 0.00	34.68 -0.01 0.00	36.72 -0.13 0.00	41.20 0.11 0.00	42.57 0.05 0.00	44.69 0.24 0.00	48.77 0.62 0.00	42.45 0.60 0.00	31.33 0.30 0.00	30.48 0.01 0.00
AMERICAN_REF_FUEL 24010	24.28 -2.00 0.00	23.67 -2.30 0.00	17.61 -1.72 0.00	18.31 -1.73 0.00	21.16 -1.90 0.03	27.95 -2.41 0.00	29.81 -2.42 0.00	33.77 -3.06 0.00	31.58 -2.63 0.00	30.77 -2.60 0.00	43.44 -4.09 0.00	54.51 -5.44 0.00	47.42 -4.28 0.00	35.66 -3.15 0.00	28.77 -3.00 0.00	31.42 -3.27 0.00	33.14 -3.72 0.00	36.81 -4.28 0.00	38.65 -3.87 0.00	40.56 -3.88 0.00	44.34 -3.81 0.00	38.43 -3.42 0.00	28.56 -2.46 0.00	28.63 -1.85 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	25.00 -1.28 0.00	24.40 -1.57 0.00	18.05 -1.28 0.00	19.21 -0.84 0.00	22.43 -0.62 0.03	29.42 -0.93 0.00	31.02 -1.21 0.00	35.39 -1.44 0.00	33.21 -1.00 0.00	32.15 -1.21 0.00	45.52 -2.02 0.00	57.48 -2.47 0.00	49.63 -2.06 0.00	37.35 -1.46 0.00	30.09 -1.68 0.00	33.17 -1.52 0.00	34.89 -1.96 0.00	38.68 -2.41 0.00	40.80 -1.72 0.00	43.03 -1.42 0.00	46.94 -1.21 0.00	40.53 -1.32 0.00	30.13 -0.90 0.00	29.95 -0.52 0.00
ARTHUR KILL_GT_1 23520	28.24 1.96 0.00	28.16 2.19 0.00	20.97 1.63 0.00	21.67 1.62 0.00	24.96 1.88 0.00	32.53 2.18 0.00	41.03 2.03 -6.77	45.77 2.16 -6.78	44.95 2.17 -8.57	46.34 1.92 -11.05	48.70 2.80 1.63	50.93 3.44 12.46	51.61 2.67 2.75	45.47 2.20 -4.47	45.62 1.96 -11.89	43.09 1.96 -6.44	54.24 2.17 -15.22	45.85 2.20 -2.56	46.05 2.27 -1.26	46.65 2.20 0.00	50.23 2.09 0.00	47.33 1.83 -3.65	49.59 1.59 -16.98	36.00 1.71 -3.82
ARTHUR_KILL_2 23512	28.18 1.90 0.00	28.09 2.12 0.00	20.92 1.59 0.00	21.62 1.58 0.00	24.91 1.82 0.00	32.46 2.10 0.00	40.93 1.94 -6.77	45.66 2.05 -6.78	44.87 2.09 -8.57	46.26 1.85 -11.05	48.59 2.68 1.63	50.76 3.27 12.46	51.48 2.55 2.76	45.41 2.14 -4.47	45.58 1.91 -11.89	43.05 1.92 -6.44	54.15 2.08 -15.22	45.75 2.10 -2.56	45.93 2.15 -1.26	46.52 2.07 0.00	50.09 1.94 0.00	47.22 1.72 -3.65	49.53 1.53 -16.98	35.94 1.64 -3.82
ARTHUR_KILL_3 23513	28.05 1.77 0.00	27.59 1.62 0.00	20.53 1.20 0.00	21.22 1.18 0.00	24.45 1.37 0.00	31.86 1.50 0.00	38.25 1.61 -4.41	43.34 2.09 -4.42	42.95 2.21 -6.53	48.02 2.00 -12.66	51.58 2.97 -1.07	63.63 3.67 0.00	54.57 2.88 0.00	45.53 2.25 -4.47	45.63 1.97 -11.89	43.18 2.06 -6.44	80.29 2.30 -41.14	60.55 2.40 -17.06	54.27 2.39 -9.36	46.65 2.20 0.00	50.26 2.11 0.00	46.03 1.80 -2.38	45.75 1.62 -13.11	34.65 1.68 -2.49

ARTHUR_KILL_COGEN 323718	28.24 1.97 0.00	28.16 2.19 0.00	20.96 1.63 0.00	21.67 1.62 0.00	24.96 1.88 0.00	32.54 2.18 0.00	41.03 2.03 -6.77	45.77 2.16 -6.78	44.97 2.18 -8.57	46.35 1.94 -11.05	48.72 2.81 1.63	50.92 3.43 12.46	51.61 2.67 2.76	45.51 2.24 -4.47	45.65 1.99 -11.89	43.12 1.99 -6.44	54.24 2.16 -15.22	45.86 2.21 -2.56	46.05 2.27 -1.26	46.64 2.20 0.00	50.23 2.09 0.00	47.34 1.84 -3.65	49.62 1.61 -16.98	36.02 1.72 -3.82
ASHOKAN____ 23654	27.85 1.57 0.00	27.53 1.56 0.00	20.49 1.16 0.00	21.21 1.16 0.00	24.44 1.36 0.00	31.93 1.58 0.00	33.91 1.68 0.00	38.90 2.08 0.00	36.12 1.91 0.00	35.14 1.78 0.00	49.85 2.31 0.00	62.98 3.03 0.00	54.36 2.66 0.00	40.75 1.94 0.00	33.37 1.60 0.00	36.53 1.84 0.00	38.81 1.96 0.00	43.11 2.02 0.00	44.86 2.34 0.00	46.85 2.40 0.00	50.54 2.39 0.00	43.83 1.98 0.00	32.60 1.58 0.00	31.96 1.49 0.00
ASTORIA_EAST_ENERGY_CC1 323581	27.91 1.64 0.00	27.48 1.51 0.00	20.46 1.12 0.00	21.14 1.09 0.00	24.36 1.28 0.00	31.44 1.09 0.00	33.54 1.19 -0.13	38.50 1.57 -0.11	36.80 1.68 -0.92	34.79 1.42 0.00	65.36 2.10 -15.73	67.34 2.65 -4.74	61.04 1.70 -7.64	41.00 2.11 -0.08	33.88 2.11 0.00	36.93 2.24 0.00	39.23 2.37 0.00	43.62 2.50 -0.03	45.36 2.47 -0.37	47.67 2.38 -0.85	50.49 2.35 0.00	49.97 1.98 -6.13	39.13 1.78 -6.33	32.35 1.83 -0.04
ASTORIA_EAST_ENERGY_CC2 323582	27.91 1.64 0.00	27.48 1.51 0.00	20.46 1.12 0.00	21.13 1.09 0.00	24.36 1.28 0.00	31.44 1.09 0.00	33.54 1.19 -0.13	38.51 1.57 -0.11	36.80 1.68 -0.92	34.79 1.42 0.00	65.36 2.10 -15.73	67.34 2.65 -4.74	61.04 1.70 -7.64	41.00 2.11 -0.08	33.88 2.11 0.00	36.93 2.24 0.00	39.23 2.37 0.00	43.62 2.50 -0.03	45.36 2.47 -0.37	47.67 2.38 -0.85	50.49 2.35 0.00	49.97 1.98 -6.13	39.13 1.78 -6.33	32.35 1.83 -0.04
ASTORIA_GT2_1 24094	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT2_2 24095	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT2_3 24096	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT2_4 24097	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT3_1 24098	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT3_2 24099	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT3_3 24100	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT3_4 24101	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT4_1 24102	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT4_2 24103	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT4_3 24104	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04

ASTORIA_GT4_4 24105	27.92 1.64 0.00	27.49 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.45 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.87 1.75 -0.92	34.78 1.42 0.00	65.37 2.11 -15.73	67.33 2.63 -4.75	61.09 1.75 -7.65	41.01 2.12 -0.08	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.64 2.53 -0.03	45.40 2.51 -0.37	47.76 2.47 -0.85	50.52 2.38 0.00	49.99 2.00 -6.13	39.22 1.87 -6.33	32.36 1.84 -0.04
ASTORIA_GT_1 23523	27.95 1.67 0.00	27.53 1.56 0.00	20.49 1.16 0.00	21.17 1.12 0.00	24.40 1.31 0.00	31.50 1.14 0.00	33.61 1.25 -0.13	38.59 1.65 -0.11	36.93 1.81 -0.92	34.84 1.47 0.00	65.46 2.20 -15.73	67.45 2.76 -4.75	61.19 1.84 -7.65	41.09 2.19 -0.08	33.94 2.17 0.00	37.01 2.32 0.00	39.30 2.45 0.00	43.72 2.61 -0.03	45.48 2.59 -0.37	47.84 2.55 -0.85	50.61 2.46 0.00	50.05 2.07 -6.13	39.26 1.92 -6.33	32.41 1.89 -0.04
ASTORIA_GT_10 24110	28.20 1.93 0.00	27.81 1.84 0.00	20.69 1.36 0.00	21.39 1.35 0.00	24.64 1.56 0.00	32.07 1.72 0.00	33.99 1.76 0.00	39.05 2.22 0.00	36.54 2.33 0.00	35.53 2.17 0.00	50.72 3.19 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.27 2.46 0.00	34.07 2.17 -0.12	36.94 2.25 0.00	39.38 2.49 -0.05	43.66 2.57 0.00	45.07 2.55 0.00	46.76 2.32 0.00	50.39 2.24 0.00	43.79 1.94 0.00	32.78 1.76 0.00	32.26 1.78 0.00
ASTORIA_GT_11 24225	28.20 1.93 0.00	27.81 1.84 0.00	20.69 1.36 0.00	21.39 1.35 0.00	24.64 1.56 0.00	32.07 1.72 0.00	33.99 1.76 0.00	39.05 2.22 0.00	36.54 2.33 0.00	35.53 2.17 0.00	50.72 3.19 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.27 2.46 0.00	34.07 2.17 -0.12	36.94 2.25 0.00	39.38 2.49 -0.05	43.66 2.57 0.00	45.07 2.55 0.00	46.76 2.32 0.00	50.39 2.24 0.00	43.79 1.94 0.00	32.78 1.76 0.00	32.26 1.78 0.00
ASTORIA_GT_12 24226	28.20 1.93 0.00	27.81 1.84 0.00	20.69 1.36 0.00	21.39 1.35 0.00	24.64 1.56 0.00	32.07 1.72 0.00	33.99 1.76 0.00	39.05 2.22 0.00	36.54 2.33 0.00	35.53 2.17 0.00	50.72 3.19 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.27 2.46 0.00	34.07 2.17 -0.12	36.94 2.25 0.00	39.38 2.49 -0.05	43.66 2.57 0.00	45.07 2.55 0.00	46.76 2.32 0.00	50.39 2.24 0.00	43.79 1.94 0.00	32.78 1.76 0.00	32.26 1.78 0.00
ASTORIA_GT_13 24227	28.20 1.93 0.00	27.81 1.84 0.00	20.69 1.36 0.00	21.39 1.35 0.00	24.64 1.56 0.00	32.07 1.72 0.00	33.99 1.76 0.00	39.05 2.22 0.00	36.54 2.33 0.00	35.53 2.17 0.00	50.72 3.19 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.27 2.46 0.00	34.07 2.17 -0.12	36.94 2.25 0.00	39.38 2.49 -0.05	43.66 2.57 0.00	45.07 2.55 0.00	46.76 2.32 0.00	50.39 2.24 0.00	43.79 1.94 0.00	32.78 1.76 0.00	32.26 1.78 0.00
ASTORIA_GT_5 24106	27.95 1.67 0.00	27.53 1.56 0.00	20.49 1.16 0.00	21.17 1.12 0.00	24.40 1.31 0.00	31.50 1.14 0.00	33.61 1.25 -0.13	38.59 1.65 -0.11	36.93 1.81 -0.92	34.84 1.47 0.00	65.46 2.20 -15.73	67.45 2.76 -4.75	61.19 1.84 -7.65	41.09 2.19 -0.08	33.94 2.17 0.00	37.01 2.32 0.00	39.30 2.45 0.00	43.72 2.61 -0.03	45.48 2.59 -0.37	47.84 2.55 -0.85	50.61 2.46 0.00	50.05 2.07 -6.13	39.26 1.92 -6.33	32.41 1.89 -0.04
ASTORIA_GT_7 24107	27.95 1.67 0.00	27.53 1.56 0.00	20.49 1.16 0.00	21.17 1.12 0.00	24.40 1.31 0.00	31.50 1.14 0.00	33.61 1.25 -0.13	38.59 1.65 -0.11	36.93 1.81 -0.92	34.84 1.47 0.00	65.46 2.20 -15.73	67.45 2.76 -4.75	61.19 1.84 -7.65	41.09 2.19 -0.08	33.94 2.17 0.00	37.01 2.32 0.00	39.30 2.45 0.00	43.72 2.61 -0.03	45.48 2.59 -0.37	47.84 2.55 -0.85	50.61 2.46 0.00	50.05 2.07 -6.13	39.26 1.92 -6.33	32.41 1.89 -0.04
ASTORIA_GT_8 24108	27.95 1.67 0.00	27.53 1.56 0.00	20.49 1.16 0.00	21.17 1.12 0.00	24.40 1.31 0.00	31.50 1.14 0.00	33.61 1.25 -0.13	38.59 1.65 -0.11	36.93 1.81 -0.92	34.84 1.47 0.00	65.46 2.20 -15.73	67.45 2.76 -4.75	61.19 1.84 -7.65	41.09 2.19 -0.08	33.94 2.17 0.00	37.01 2.32 0.00	39.30 2.45 0.00	43.72 2.61 -0.03	45.48 2.59 -0.37	47.84 2.55 -0.85	50.61 2.46 0.00	50.05 2.07 -6.13	39.26 1.92 -6.33	32.41 1.89 -0.04
ASTORIA___2 24149	27.92 1.65 0.00	27.48 1.52 0.00	20.46 1.13 0.00	21.14 1.10 0.00	24.37 1.28 0.00	31.46 1.10 0.00	33.57 1.21 -0.13	38.53 1.60 -0.11	36.81 1.69 -0.92	34.81 1.44 0.00	65.39 2.12 -15.73	67.37 2.67 -4.74	61.06 1.73 -7.64	41.01 2.12 -0.08	33.90 2.13 0.00	36.96 2.27 0.00	39.25 2.40 0.00	43.63 2.52 -0.03	45.37 2.48 -0.37	47.68 2.39 -0.85	50.52 2.38 0.00	50.00 2.01 -6.13	39.15 1.80 -6.33	32.36 1.84 -0.04
ASTORIA___3 23516	28.21 1.93 0.00	27.81 1.84 0.00	20.69 1.36 0.00	21.40 1.35 0.00	24.64 1.55 0.00	32.07 1.72 0.00	33.99 1.76 0.00	39.05 2.22 0.00	36.55 2.34 0.00	35.54 2.18 0.00	50.74 3.20 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.28 2.47 0.00	34.07 2.18 -0.12	36.95 2.26 0.00	39.38 2.49 -0.05	43.65 2.57 0.00	45.07 2.55 0.00	46.76 2.31 0.00	50.39 2.24 0.00	43.80 1.95 0.00	32.78 1.76 0.00	32.26 1.79 0.00
ASTORIA___4 23517	28.20 1.92 0.00	27.81 1.84 0.00	20.69 1.36 0.00	21.39 1.35 0.00	24.64 1.56 0.00	32.07 1.72 0.00	33.99 1.76 0.00	39.05 2.22 0.00	36.54 2.33 0.00	35.53 2.17 0.00	50.72 3.19 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.27 2.46 0.00	34.06 2.17 -0.12	36.94 2.25 0.00	39.38 2.49 -0.05	43.66 2.57 0.00	45.07 2.55 0.00	46.76 2.31 0.00	50.39 2.24 0.00	43.79 1.94 0.00	32.78 1.76 0.00	32.26 1.78 0.00
ASTORIA___5 23518	28.21 1.93 0.00	27.81 1.84 0.00	20.69 1.36 0.00	21.40 1.35 0.00	24.64 1.55 0.00	32.07 1.72 0.00	33.99 1.76 0.00	39.05 2.22 0.00	36.55 2.34 0.00	35.54 2.18 0.00	50.74 3.21 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.28 2.47 0.00	34.07 2.18 -0.12	36.95 2.26 0.00	39.38 2.49 -0.05	43.65 2.57 0.00	45.07 2.55 0.00	46.76 2.31 0.00	50.39 2.24 0.00	43.80 1.95 0.00	32.78 1.76 0.00	32.27 1.79 0.00
AST_ENERGY_2_CC3 323677	27.73 1.45 0.00	27.30 1.33 0.00	20.33 1.00 0.00	21.00 0.96 0.00	24.20 1.12 0.00	31.09 0.83 0.10	33.21 0.85 -0.13	36.64 1.19 1.38	35.19 1.32 0.35	34.38 1.08 0.06	49.65 1.72 -0.39	67.23 2.54 -4.74	40.00 1.16 12.86	38.74 1.91 1.98	33.80 2.03 0.00	36.83 2.14 0.00	39.20 2.34 0.00	43.53 2.44 0.00	44.95 2.43 0.00	46.72 2.26 0.00	50.35 2.21 0.00	43.74 1.89 0.00	32.72 1.69 0.00	32.23 1.76 0.00
AST_ENERGY_2_CC4 323678	27.73 1.45 0.00	27.30 1.33 0.00	20.33 1.00 0.00	21.00 0.96 0.00	24.20 1.12 0.00	31.09 0.83 0.10	33.21 0.85 -0.13	36.64 1.19 1.38	35.19 1.32 0.35	34.38 1.08 0.06	49.65 1.72 -0.39	67.23 2.54 -4.74	40.00 1.16 12.86	38.74 1.91 1.98	33.80 2.03 0.00	36.83 2.14 0.00	39.20 2.34 0.00	43.53 2.44 0.00	44.95 2.43 0.00	46.72 2.26 0.00	50.35 2.21 0.00	43.74 1.89 0.00	32.72 1.69 0.00	32.23 1.76 0.00

ATHENS_STG_1 23668	27.29 1.01 0.00	27.01 1.04 0.00	20.11 0.78 0.00	20.82 0.78 0.00	23.97 0.89 0.00	31.23 0.88 0.00	33.01 0.78 0.00	37.79 0.96 0.00	35.16 0.95 0.00	34.20 0.84 0.00	48.75 1.22 0.00	61.46 1.51 0.00	52.88 1.19 0.00	39.76 0.95 0.00	32.64 0.87 0.00	35.61 0.92 0.00	37.87 1.02 0.00	42.11 1.02 0.00	43.57 1.05 0.00	45.43 0.98 0.00	49.02 0.87 0.00	42.60 0.76 0.00	31.79 0.77 0.00	31.27 0.80 0.00
ATHENS_STG_2 23670	27.29 1.01 0.00	27.01 1.04 0.00	20.11 0.78 0.00	20.82 0.78 0.00	23.97 0.89 0.00	31.23 0.88 0.00	33.01 0.78 0.00	37.79 0.96 0.00	35.16 0.95 0.00	34.20 0.84 0.00	48.75 1.22 0.00	61.46 1.51 0.00	52.88 1.19 0.00	39.76 0.95 0.00	32.64 0.87 0.00	35.61 0.92 0.00	37.87 1.02 0.00	42.11 1.02 0.00	43.57 1.05 0.00	45.43 0.98 0.00	49.02 0.87 0.00	42.60 0.76 0.00	31.79 0.77 0.00	31.27 0.80 0.00
ATHENS_STG_3 23677	27.29 1.01 0.00	27.01 1.04 0.00	20.11 0.78 0.00	20.82 0.78 0.00	23.97 0.89 0.00	31.23 0.88 0.00	33.01 0.78 0.00	37.79 0.96 0.00	35.16 0.95 0.00	34.20 0.84 0.00	48.75 1.22 0.00	61.46 1.51 0.00	52.88 1.19 0.00	39.76 0.95 0.00	32.64 0.87 0.00	35.61 0.92 0.00	37.87 1.02 0.00	42.11 1.02 0.00	43.57 1.05 0.00	45.43 0.98 0.00	49.02 0.87 0.00	42.60 0.76 0.00	31.79 0.77 0.00	31.27 0.80 0.00
AUBURN____LFGE 323710	26.10 -0.18 0.00	25.81 -0.16 0.00	19.24 -0.09 0.00	19.96 -0.09 0.00	23.02 -0.07 0.00	30.29 -0.06 0.00	32.24 0.01 0.00	36.67 -0.16 0.00	34.14 -0.07 0.00	33.12 -0.25 0.00	47.09 -0.45 0.00	59.23 -0.72 0.00	51.13 -0.56 0.00	38.25 -0.57 0.00	31.35 -0.42 0.00	34.26 -0.43 0.00	36.48 -0.38 0.00	40.76 -0.33 0.00	42.49 -0.03 0.00	44.43 -0.01 0.00	48.03 -0.11 0.00	41.75 -0.11 0.00	30.92 -0.10 0.00	30.34 -0.14 0.00
BABYLON_RES_REC 323704	39.32 2.14 -10.90	37.67 2.04 -9.66	23.92 1.54 -3.05	21.54 1.49 0.00	26.55 1.75 -1.72	35.24 2.00 -2.89	41.63 2.03 -7.37	46.45 2.42 -7.21	43.17 2.45 -6.51	45.74 1.99 -10.38	41.14 2.96 9.36	60.47 3.42 2.90	52.34 2.65 2.01	45.85 2.28 -4.76	34.29 1.91 -0.60	53.71 2.09 -16.93	39.25 2.38 -0.01	43.50 2.21 -0.20	48.77 2.33 -3.92	90.89 2.71 -43.73	57.44 2.42 -6.87	37.76 1.77 5.86	49.62 2.05 -16.55	52.86 2.07 -20.31
BALL_HILL_WT_PWR 323825	25.02 -1.26 0.00	24.47 -1.51 0.00	18.20 -1.13 0.00	19.08 -0.97 0.00	22.07 -0.97 0.04	29.13 -1.23 0.00	30.90 -1.32 0.00	35.18 -1.65 0.00	32.91 -1.30 0.00	32.01 -1.36 0.00	45.30 -2.24 0.00	57.02 -2.94 0.00	49.50 -2.19 0.00	37.16 -1.65 0.00	30.02 -1.75 0.00	32.79 -1.90 0.00	34.52 -2.33 0.00	38.36 -2.73 0.00	40.31 -2.22 0.00	42.36 -2.08 0.00	46.25 -1.89 0.00	40.08 -1.77 0.00	29.78 -1.24 0.00	29.63 -0.84 0.00
BARON_WINDS____WT_PWR 323822	25.23 -1.05 0.00	24.69 -1.28 0.00	18.34 -0.99 0.00	19.11 -0.93 0.00	21.91 -0.95 0.23	29.63 -0.73 0.00	31.78 -0.45 0.00	36.28 -0.55 0.00	33.54 -0.67 0.00	32.39 -0.97 0.00	45.78 -1.75 0.00	57.58 -2.37 0.00	49.97 -1.72 0.00	37.48 -1.33 0.00	30.54 -1.23 0.00	33.54 -1.16 0.00	35.43 -1.42 0.00	39.59 -1.50 0.00	41.47 -1.06 0.00	43.26 -1.19 0.00	47.28 -0.86 0.00	41.16 -0.69 0.00	30.52 -0.50 0.00	30.10 -0.38 0.00
BARRETT_IC_1 23704	145.36 1.84 -117.25	132.23 1.78 -104.48	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	116.89 1.72 -82.94	119.57 2.08 -80.65	125.77 2.05 -89.51	148.23 1.89 -112.98	262.23 2.84 -211.85	128.44 3.50 -64.99	142.71 2.59 -88.43	93.92 2.26 -52.86	41.70 2.02 -7.91	201.21 2.00 -164.52	38.95 2.08 -0.02	43.01 2.18 0.26	50.86 2.25 -6.09	98.18 2.02 -51.72	70.43 1.98 -20.30	78.18 1.66 -34.67	288.94 1.60 -256.32	79.41 1.64 -47.29
BARRETT_IC_10 23701	85.13 1.84 -57.02	71.72 1.78 -43.97	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	57.27 1.72 -23.32	62.38 2.08 -23.46	33.57 2.05 2.69	73.50 1.89 -38.25	-443.63 2.84 494.01	-85.53 3.50 148.97	-188.18 2.59 242.46	56.10 2.26 -15.03	37.35 2.02 -3.56	167.31 2.00 -130.61	38.95 2.08 -0.02	41.71 2.18 1.57	34.04 2.25 10.74	55.66 2.02 -9.19	60.11 1.98 -9.98	-193.17 1.66 236.68	-133.99 1.60 166.61	58.45 1.64 -26.34
BARRETT_IC_11 23702	85.13 1.84 -57.02	71.72 1.78 -43.97	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	57.27 1.72 -23.32	62.38 2.08 -23.46	33.57 2.05 2.69	73.50 1.89 -38.25	-443.63 2.84 494.01	-85.53 3.50 148.97	-188.18 2.59 242.46	56.10 2.26 -15.03	37.35 2.02 -3.56	167.31 2.00 -130.61	38.95 2.08 -0.02	41.71 2.18 1.57	34.04 2.25 10.74	55.66 2.02 -9.19	60.11 1.98 -9.98	-193.17 1.66 236.68	-133.99 1.60 166.61	58.45 1.64 -26.34
BARRETT_IC_12 23703	85.13 1.84 -57.02	71.72 1.78 -43.97	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	57.27 1.72 -23.32	62.38 2.08 -23.46	33.57 2.05 2.69	73.50 1.89 -38.25	-443.63 2.84 494.01	-85.53 3.50 148.97	-188.18 2.59 242.46	56.10 2.26 -15.03	37.35 2.02 -3.56	167.31 2.00 -130.61	38.95 2.08 -0.02	41.71 2.18 1.57	34.04 2.25 10.74	55.66 2.02 -9.19	60.11 1.98 -9.98	-193.17 1.66 236.68	-133.99 1.60 166.61	58.45 1.64 -26.34
BARRETT_IC_2 23705	145.36 1.84 -117.25	132.23 1.78 -104.48	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	116.89 1.72 -82.94	119.57 2.08 -80.65	125.77 2.05 -89.51	148.23 1.89 -112.98	262.23 2.84 -211.85	128.44 3.50 -64.99	142.71 2.59 -88.43	93.92 2.26 -52.86	41.70 2.02 -7.91	201.21 2.00 -164.52	38.95 2.08 -0.02	43.01 2.18 0.26	50.86 2.25 -6.09	98.18 2.02 -51.72	70.43 1.98 -20.30	78.18 1.66 -34.67	288.94 1.60 -256.32	79.41 1.64 -47.29
BARRETT_IC_3 23706	145.36 1.84 -117.25	132.23 1.78 -104.48	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	116.89 1.72 -82.94	119.57 2.08 -80.65	125.77 2.05 -89.51	148.23 1.89 -112.98	262.23 2.84 -211.85	128.44 3.50 -64.99	142.71 2.59 -88.43	93.92 2.26 -52.86	41.70 2.02 -7.91	201.21 2.00 -164.52	38.95 2.08 -0.02	43.01 2.18 0.26	50.86 2.25 -6.09	98.18 2.02 -51.72	70.43 1.98 -20.30	78.18 1.66 -34.67	288.94 1.60 -256.32	79.41 1.64 -47.29
BARRETT_IC_4 23707	145.36 1.84 -117.25	132.23 1.78 -104.48	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	116.89 1.72 -82.94	119.57 2.08 -80.65	125.77 2.05 -89.51	148.23 1.89 -112.98	262.23 2.84 -211.85	128.44 3.50 -64.99	142.71 2.59 -88.43	93.92 2.26 -52.86	41.70 2.02 -7.91	201.21 2.00 -164.52	38.95 2.08 -0.02	43.01 2.18 0.26	50.86 2.25 -6.09	98.18 2.02 -51.72	70.43 1.98 -20.30	78.18 1.66 -34.67	288.94 1.60 -256.32	79.41 1.64 -47.29
BARRETT_IC_5 23708	145.36 1.84 -117.25	132.23 1.78 -104.48	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	116.89 1.72 -82.94	119.57 2.08 -80.65	125.77 2.05 -89.51	148.23 1.89 -112.98	262.23 2.84 -211.85	128.44 3.50 -64.99	142.71 2.59 -88.43	93.92 2.26 -52.86	41.70 2.02 -7.91	201.21 2.00 -164.52	38.95 2.08 -0.02	43.01 2.18 0.26	50.86 2.25 -6.09	98.18 2.02 -51.72	70.43 1.98 -20.30	78.18 1.66 -34.67	288.94 1.60 -256.32	79.41 1.64 -47.29

BARRETT_IC_6 23709	145.36 1.84 -117.25	132.23 1.78 -104.48	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	116.89 1.72 -82.94	119.57 2.08 -80.65	125.77 2.05 -89.51	148.23 1.89 -112.98	262.23 2.84 -211.85	128.44 3.50 -64.99	142.71 2.59 -88.43	93.92 2.26 -52.86	41.70 2.02 -7.91	201.21 2.00 -164.52	38.95 2.08 -0.02	43.01 2.18 0.26	50.86 2.25 -6.09	98.18 2.02 -51.72	70.43 1.98 -20.30	78.18 1.66 -34.67	288.94 1.60 -256.32	79.41 1.64 -47.29
BARRETT_IC_7 23710	145.37 1.84 -117.25	132.24 1.79 -104.48	52.38 1.39 -31.66	21.49 1.35 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	116.90 1.73 -82.94	119.58 2.09 -80.65	125.78 2.06 -89.51	148.23 1.88 -112.98	262.22 2.83 -211.85	128.47 3.53 -64.99	142.74 2.62 -88.43	93.92 2.26 -52.86	41.70 2.01 -7.91	201.20 2.00 -164.52	38.95 2.08 -0.02	43.02 2.19 0.26	50.87 2.26 -6.09	98.22 2.05 -51.72	70.43 1.98 -20.30	78.20 1.68 -34.67	288.98 1.64 -256.32	79.42 1.65 -47.29
BARRETT_IC_8 23711	145.36 1.84 -117.25	132.23 1.78 -104.48	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	116.89 1.72 -82.94	119.57 2.08 -80.65	125.77 2.05 -89.51	148.23 1.89 -112.98	262.23 2.84 -211.85	128.44 3.50 -64.99	142.71 2.59 -88.43	93.92 2.26 -52.86	41.70 2.02 -7.91	201.21 2.00 -164.52	38.95 2.08 -0.02	43.01 2.18 0.26	50.86 2.25 -6.09	98.18 2.02 -51.72	70.43 1.98 -20.30	78.18 1.66 -34.67	288.94 1.60 -256.32	79.41 1.64 -47.29
BARRETT_IC_9 23700	85.13 1.84 -57.02	71.72 1.78 -43.97	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	57.27 1.72 -23.32	62.38 2.08 -23.46	33.57 2.05 2.69	73.50 1.89 -38.25	-443.63 2.84 494.01	-85.53 3.50 148.97	-188.18 2.59 242.46	56.10 2.26 -15.03	37.35 2.02 -3.56	167.31 2.00 -130.61	38.95 2.08 -0.02	41.71 2.18 1.57	34.04 2.25 10.74	55.66 2.02 -9.19	60.11 1.98 -9.98	-193.17 1.66 236.68	-133.99 1.60 166.61	58.45 1.64 -26.34
BARRETT___1 23545	145.36 1.84 -117.25	132.23 1.78 -104.48	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	116.89 1.72 -82.94	119.57 2.08 -80.65	125.77 2.05 -89.51	148.23 1.89 -112.98	262.23 2.84 -211.85	128.44 3.50 -64.99	142.72 2.59 -88.43	93.92 2.26 -52.86	41.70 2.02 -7.91	201.21 2.00 -164.52	38.95 2.08 -0.02	43.01 2.18 0.26	50.88 2.25 -6.11	98.23 2.02 -51.77	70.43 1.98 -20.30	78.18 1.66 -34.67	288.94 1.60 -256.32	79.41 1.64 -47.29
BARRETT___2 23546	85.13 1.84 -57.02	71.72 1.78 -43.97	52.37 1.38 -31.66	21.49 1.36 -0.09	41.77 1.59 -17.09	60.56 1.77 -28.43	57.27 1.72 -23.32	62.38 2.08 -23.46	33.57 2.05 2.69	73.50 1.89 -38.25	-443.63 2.84 494.01	-85.53 3.50 148.97	-188.18 2.59 242.46	56.10 2.26 -15.03	37.35 2.02 -3.56	167.31 2.00 -130.61	38.95 2.08 -0.02	41.71 2.18 1.57	34.04 2.25 10.74	55.66 2.02 -9.19	60.11 1.98 -9.98	-193.17 1.66 236.68	-133.99 1.60 166.61	58.45 1.64 -26.34
BATAVIA___115KV_TB1 55881	25.38 -0.90 0.00	24.79 -1.17 0.00	18.45 -0.88 0.00	19.18 -0.87 0.00	22.15 -0.91 0.02	29.31 -1.05 0.00	31.31 -0.92 0.00	35.60 -1.23 0.00	33.12 -1.09 0.00	32.04 -1.33 0.00	45.27 -2.27 0.00	56.68 -3.27 0.00	49.34 -2.36 0.00	37.02 -1.78 0.00	29.99 -1.78 0.00	32.82 -1.87 0.00	34.79 -2.06 0.00	38.97 -2.11 0.00	40.89 -1.63 0.00	42.92 -1.53 0.00	46.84 -1.30 0.00	40.52 -1.33 0.00	30.01 -1.01 0.00	29.88 -0.60 0.00
BAYONEEC___CTG1 323682	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38
BAYONEEC___CTG10 323750	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38
BAYONEEC___CTG2 323683	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38
BAYONEEC___CTG3 323684	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38
BAYONEEC___CTG4 323685	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38
BAYONEEC___CTG5 323686	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38
BAYONEEC___CTG6 323687	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38
BAYONEEC___CTG7 323688	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38

BAYONEEC___CTG8 323689	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38
BAYONEEC___CTG9 323749	28.14 1.87 0.00	27.73 1.76 0.00	20.63 1.30 0.00	21.33 1.28 0.00	24.57 1.49 0.00	32.01 1.66 0.00	34.65 1.74 -0.67	39.72 2.22 -0.68	38.34 2.31 -1.81	41.82 2.09 -6.36	50.88 3.10 -0.24	63.82 3.87 0.00	54.72 3.03 0.00	43.20 2.37 -2.02	39.28 2.06 -5.45	39.14 2.17 -2.28	45.56 2.40 -6.31	46.19 2.49 -2.61	46.44 2.49 -1.43	46.76 2.31 0.00	50.39 2.25 0.00	44.15 1.93 -0.36	36.51 1.71 -3.77	32.64 1.78 -0.38
BEACON___LESR 323632	27.26 0.98 0.00	26.98 1.01 0.00	20.12 0.79 0.00	20.87 0.82 0.00	24.01 0.93 0.00	31.45 1.09 0.00	33.25 1.03 0.00	37.99 1.17 0.00	35.20 0.99 0.00	34.34 0.98 0.00	48.69 1.16 0.00	61.37 1.42 0.00	52.86 1.17 0.00	39.69 0.88 0.00	32.64 0.86 0.00	35.73 1.04 0.00	37.97 1.12 0.00	42.20 1.11 0.00	43.80 1.28 0.00	45.64 1.20 0.00	49.12 0.98 0.00	42.72 0.87 0.00	31.90 0.88 0.00	31.32 0.85 0.00
BEAVER RIVER___HYD 24048	10.91 -1.42 13.94	-23.07 -1.23 47.82	-24.00 -0.93 42.41	-23.90 -0.98 42.97	-23.45 -1.13 45.41	-11.39 -1.43 40.32	22.32 -1.50 8.40	15.64 -1.77 19.41	3.48 -1.93 28.80	27.33 -2.09 3.94	44.94 -2.60 0.00	57.89 -2.06 0.00	50.65 -1.05 0.00	37.03 -1.79 0.00	30.58 -1.19 0.00	33.77 -0.92 0.00	36.60 -0.25 0.00	40.95 -0.13 0.00	42.64 0.12 0.00	44.94 0.49 0.00	48.63 0.48 0.00	42.01 0.16 0.00	30.93 -0.09 0.00	30.02 -0.46 0.00
BEEBEE_GT_13 23619	25.49 -0.79 0.00	25.02 -0.95 0.00	18.62 -0.71 0.00	19.33 -0.71 0.00	22.31 -0.77 0.00	29.42 -0.93 0.00	31.35 -0.88 0.00	35.69 -1.14 0.00	33.25 -0.96 0.00	32.39 -0.97 0.00	45.95 -1.58 0.00	57.77 -2.18 0.00	50.12 -1.58 0.00	37.58 -1.22 0.00	30.50 -1.27 0.00	33.36 -1.33 0.00	35.39 -1.46 0.00	39.43 -1.65 0.00	41.18 -1.34 0.00	43.13 -1.32 0.00	46.94 -1.21 0.00	40.64 -1.21 0.00	30.12 -0.91 0.00	29.80 -0.67 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.38 2.11 0.00	28.04 2.07 0.00	20.86 1.53 0.00	21.56 1.51 0.00	24.84 1.75 0.00	32.36 2.01 0.00	41.06 2.06 -6.77	46.10 2.48 -6.78	45.35 2.57 -8.57	47.26 2.38 -11.51	52.55 3.51 -1.50	64.29 4.33 0.00	55.13 3.43 0.00	46.01 2.73 -4.47	46.05 2.39 -11.89	44.74 2.48 -7.57	102.80 2.73 -63.22	70.12 2.82 -26.21	59.73 2.83 -14.38	47.13 2.68 0.00	50.80 2.65 0.00	47.79 2.29 -3.65	49.95 1.95 -16.98	36.27 1.97 -3.82
BETHLEHEM___GRP 23843	26.91 0.63 0.00	26.63 0.66 0.00	19.84 0.51 0.00	20.55 0.51 0.00	23.66 0.58 0.00	30.91 0.56 0.00	32.70 0.47 0.00	37.40 0.57 0.00	34.62 0.41 0.00	33.69 0.32 0.00	47.83 0.29 0.00	60.28 0.33 0.00	51.94 0.25 0.00	39.13 0.32 0.00	32.20 0.43 0.00	35.16 0.47 0.00	37.37 0.52 0.00	41.47 0.38 0.00	42.94 0.41 0.00	44.79 0.34 0.00	48.26 0.12 0.00	42.00 0.15 0.00	31.42 0.40 0.00	30.86 0.38 0.00
BETHLEHEM___GS1 323560	26.91 0.63 0.00	26.64 0.66 0.00	19.84 0.51 0.00	20.55 0.51 0.00	23.66 0.58 0.00	30.91 0.56 0.00	32.70 0.47 0.00	37.40 0.57 0.00	34.62 0.41 0.00	33.69 0.32 0.00	47.80 0.27 0.00	60.27 0.32 0.00	51.94 0.25 0.00	39.12 0.31 0.00	32.20 0.43 0.00	35.17 0.48 0.00	37.37 0.51 0.00	41.47 0.38 0.00	42.94 0.41 0.00	44.78 0.34 0.00	48.26 0.12 0.00	42.00 0.15 0.00	31.42 0.40 0.00	30.86 0.38 0.00
BETHLEHEM___GS2 323561	26.91 0.63 0.00	26.64 0.66 0.00	19.84 0.51 0.00	20.55 0.51 0.00	23.66 0.58 0.00	30.91 0.56 0.00	32.70 0.47 0.00	37.40 0.57 0.00	34.62 0.41 0.00	33.69 0.32 0.00	47.80 0.27 0.00	60.27 0.32 0.00	51.94 0.25 0.00	39.12 0.31 0.00	32.20 0.43 0.00	35.17 0.48 0.00	37.37 0.51 0.00	41.47 0.38 0.00	42.94 0.41 0.00	44.78 0.34 0.00	48.26 0.12 0.00	42.00 0.15 0.00	31.42 0.40 0.00	30.86 0.38 0.00
BETHLEHEM___GS3 323562	26.91 0.63 0.00	26.64 0.66 0.00	19.84 0.51 0.00	20.55 0.51 0.00	23.66 0.58 0.00	30.91 0.56 0.00	32.70 0.47 0.00	37.40 0.57 0.00	34.62 0.41 0.00	33.69 0.32 0.00	47.80 0.27 0.00	60.27 0.32 0.00	51.94 0.25 0.00	39.12 0.31 0.00	32.20 0.43 0.00	35.17 0.48 0.00	37.37 0.51 0.00	41.47 0.38 0.00	42.94 0.41 0.00	44.78 0.34 0.00	48.26 0.12 0.00	42.00 0.15 0.00	31.42 0.40 0.00	30.86 0.38 0.00
BETHLEHEM___STEEL 23779	24.93 -1.35 0.00	24.37 -1.60 0.00	18.14 -1.19 0.00	18.92 -1.13 0.00	21.83 -1.21 0.04	28.90 -1.46 0.00	30.79 -1.44 0.00	34.99 -1.84 0.00	32.72 -1.49 0.00	31.86 -1.51 0.00	45.06 -2.48 0.00	56.56 -3.39 0.00	49.16 -2.53 0.00	36.92 -1.89 0.00	29.82 -1.95 0.00	32.57 -2.12 0.00	34.29 -2.56 0.00	38.17 -2.92 0.00	40.07 -2.45 0.00	42.05 -2.40 0.00	45.93 -2.22 0.00	39.80 -2.05 0.00	29.56 -1.46 0.00	29.44 -1.04 0.00
BETHLHEM_115KV_TB1 79974	26.96 0.68 0.00	26.68 0.71 0.00	19.87 0.55 0.00	20.59 0.54 0.00	23.70 0.62 0.00	30.97 0.61 0.00	32.76 0.53 0.00	37.46 0.63 0.00	34.70 0.49 0.00	33.75 0.38 0.00	47.88 0.34 0.00	60.34 0.40 0.00	52.01 0.31 0.00	39.18 0.37 0.00	32.26 0.49 0.00	35.23 0.54 0.00	37.44 0.59 0.00	41.57 0.48 0.00	43.04 0.52 0.00	44.90 0.45 0.00	48.41 0.26 0.00	42.12 0.27 0.00	31.49 0.46 0.00	30.93 0.45 0.00
BETHPAGE_CC_5 323564	42.13 2.06 -13.79	40.11 1.97 -12.16	24.81 1.48 -4.00	21.49 1.45 0.00	27.08 1.69 -2.30	36.17 1.93 -3.89	43.47 1.94 -9.30	48.17 2.26 -9.08	45.15 2.25 -8.68	48.33 1.98 -12.99	47.80 3.00 2.74	62.57 3.50 0.88	55.44 2.70 -1.05	47.11 2.31 -5.99	34.51 1.95 -0.79	58.21 1.96 -21.55	39.03 2.16 -0.01	43.59 2.28 -0.22	49.19 2.37 -4.29	93.52 2.25 -46.82	57.77 2.06 -7.56	39.47 1.74 4.13	56.42 1.85 -23.54	54.53 1.94 -22.11
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.99 -1.29 0.00	24.43 -1.54 0.00	18.20 -1.13 0.00	18.97 -1.07 0.00	21.88 -1.16 0.04	28.98 -1.38 0.00	30.87 -1.36 0.00	35.10 -1.73 0.00	32.83 -1.38 0.00	31.97 -1.40 0.00	45.22 -2.32 0.00	56.76 -3.19 0.00	49.34 -2.35 0.00	37.03 -1.78 0.00	29.92 -1.85 0.00	32.67 -2.03 0.00	34.38 -2.47 0.00	38.29 -2.80 0.00	40.19 -2.34 0.00	42.17 -2.28 0.00	46.07 -2.07 0.00	39.92 -1.93 0.00	29.65 -1.38 0.00	29.50 -0.98 0.00
BINGHAMTON___COGEN 23790	26.34 0.07 0.00	26.00 0.03 0.00	19.37 0.04 0.00	20.10 0.05 0.00	23.18 0.09 0.00	30.41 0.05 0.00	32.30 0.07 0.00	36.97 0.14 0.00	34.39 0.18 0.00	33.48 0.12 0.00	47.57 0.03 0.00	59.85 -0.10 0.00	51.67 -0.02 0.00	38.75 -0.06 0.00	31.68 -0.10 0.00	34.65 -0.04 0.00	36.76 -0.09 0.00	40.96 -0.12 0.00	42.56 0.04 0.00	44.49 0.04 0.00	48.22 0.07 0.00	41.88 0.03 0.00	31.10 0.07 0.00	30.63 0.15 0.00

BIXINCNT_115KV_LOAD 355685	25.27 -1.00 0.00	24.74 -1.24 0.00	18.45 -0.88 0.00	19.37 -0.68 0.00	22.11 -0.94 0.03	29.53 -0.82 0.00	31.45 -0.78 0.00	35.82 -1.01 0.00	33.56 -0.65 0.00	32.63 -0.73 0.00	46.15 -1.38 0.00	57.97 -1.97 0.00	50.34 -1.36 0.00	37.70 -1.11 0.00	30.50 -1.27 0.00	33.10 -1.60 0.00	34.54 -2.32 0.00	38.62 -2.47 0.00	40.68 -1.84 0.00	42.74 -1.70 0.00	46.76 -1.39 0.00	40.54 -1.31 0.00	30.13 -0.89 0.00	29.83 -0.65 0.00
BLACK RIVER___HYD 24047	15.47 -1.33 9.47	-7.70 -1.31 32.37	-10.37 -0.99 28.71	-10.08 -1.04 29.09	-8.82 -1.16 30.74	1.65 -1.40 27.30	25.14 -1.40 5.68	21.95 -1.75 13.13	12.63 -2.11 19.47	28.36 -2.35 2.66	44.69 -2.84 0.00	57.91 -2.04 0.00	50.79 -0.90 0.00	36.75 -2.06 0.00	30.40 -1.37 0.00	33.76 -0.93 0.00	36.78 -0.07 0.00	41.10 0.01 0.00	42.95 0.43 0.00	45.37 0.92 0.00	49.00 0.86 0.00	42.24 0.39 0.00	31.08 0.06 0.00	30.17 -0.31 0.00
BLACKRVR_115KV_TB2 79977	15.48 -1.33 9.47	-7.70 -1.31 32.37	-10.37 -0.99 28.71	-10.08 -1.04 29.09	-8.82 -1.16 30.74	1.65 -1.40 27.30	25.14 -1.41 5.68	21.96 -1.75 13.13	12.63 -2.11 19.47	28.36 -2.35 2.66	44.69 -2.84 0.00	57.91 -2.04 0.00	50.79 -0.90 0.00	36.75 -2.06 0.00	30.40 -1.37 0.00	33.76 -0.92 0.00	36.78 -0.07 0.00	41.10 0.01 0.00	42.95 0.43 0.00	45.36 0.91 0.00	49.00 0.86 0.00	42.24 0.39 0.00	31.08 0.05 0.00	30.17 -0.31 0.00
BLDWN_LI_69_KV_BK4 356085	69.07 2.02 -40.77	64.04 1.95 -36.12	32.31 1.49 -11.49	21.52 1.45 -0.03	31.21 1.70 -6.43	43.07 1.93 -10.78	62.43 1.94 -28.27	66.70 2.35 -27.52	65.90 2.33 -29.36	74.26 2.11 -38.78	100.46 3.22 -49.71	78.99 3.84 -15.20	77.53 2.98 -22.86	59.45 2.56 -18.08	36.58 2.18 -2.62	96.81 2.21 -59.91	39.26 2.39 -0.02	43.80 2.55 -0.16	50.60 2.65 -5.43	102.15 2.44 -55.26	62.25 2.33 -11.77	49.41 2.09 -5.46	116.54 1.94 -83.58	63.86 1.92 -31.47
BLISS_WT_PWR 323608	25.24 -1.04 0.00	24.69 -1.28 0.00	18.42 -0.91 0.00	19.38 -0.67 0.00	22.05 -1.00 0.03	29.54 -0.81 0.00	31.47 -0.76 0.00	35.83 -1.00 0.00	33.57 -0.64 0.00	32.62 -0.74 0.00	46.15 -1.39 0.00	58.00 -1.95 0.00	50.37 -1.32 0.00	37.71 -1.10 0.00	30.50 -1.27 0.00	33.06 -1.63 0.00	34.46 -2.39 0.00	38.56 -2.53 0.00	40.66 -1.86 0.00	42.73 -1.71 0.00	46.77 -1.38 0.00	40.55 -1.30 0.00	30.13 -0.89 0.00	29.79 -0.68 0.00
BLUESTONE___WT_PWR 323821	25.94 -0.34 0.00	25.62 -0.35 0.00	19.33 0.00 0.00	20.00 -0.05 0.00	23.14 0.06 0.00	30.01 -0.34 0.00	32.31 0.08 0.00	36.84 0.01 0.00	34.15 -0.06 0.00	33.75 0.38 0.00	48.83 1.29 0.00	61.39 1.44 0.00	53.21 1.51 0.00	40.36 1.55 0.00	32.75 0.98 0.00	35.73 1.04 0.00	37.62 0.77 0.00	43.02 1.93 0.00	44.89 2.37 0.00	46.71 2.26 0.00	49.61 1.46 0.00	43.12 1.27 0.00	32.28 1.26 0.00	31.69 1.21 0.00
BLUE_CIRC_CHEM_DRP 24182	27.20 0.92 0.00	26.95 0.97 0.00	20.07 0.74 0.00	20.80 0.76 0.00	23.96 0.87 0.00	31.32 0.96 0.00	33.14 0.91 0.00	37.87 1.04 0.00	35.06 0.85 0.00	34.13 0.76 0.00	48.44 0.90 0.00	61.00 1.05 0.00	52.63 0.94 0.00	39.51 0.70 0.00	32.41 0.64 0.00	35.47 0.78 0.00	37.64 0.79 0.00	41.89 0.80 0.00	43.47 0.94 0.00	45.37 0.92 0.00	48.97 0.83 0.00	42.60 0.75 0.00	31.78 0.75 0.00	31.21 0.73 0.00
BOC_GAS_DRP 24189	27.04 0.76 0.00	26.77 0.80 0.00	19.94 0.61 0.00	20.65 0.61 0.00	23.78 0.69 0.00	31.07 0.72 0.00	32.86 0.63 0.00	37.58 0.75 0.00	34.86 0.65 0.00	33.94 0.57 0.00	48.33 0.79 0.00	60.91 0.96 0.00	52.46 0.77 0.00	39.44 0.63 0.00	32.38 0.60 0.00	35.35 0.66 0.00	37.56 0.71 0.00	41.76 0.68 0.00	43.25 0.73 0.00	45.12 0.67 0.00	48.69 0.54 0.00	42.35 0.50 0.00	31.60 0.58 0.00	31.06 0.58 0.00
BOONVILLE_115KV_TB1 79983	25.04 -0.22 1.01	41.34 -0.12 -15.49	32.88 -0.09 -13.64	33.77 -0.11 -13.83	37.62 -0.13 -14.67	41.50 -0.19 -11.34	35.41 -0.18 -3.37	45.99 -0.21 -9.37	48.02 -0.35 -14.16	34.89 -0.42 -1.94	47.11 -0.43 0.00	59.90 -0.05 0.00	51.97 0.27 0.00	38.56 -0.25 0.00	31.74 -0.04 0.00	34.85 0.16 0.00	37.43 0.57 0.00	41.80 0.71 0.00	43.42 0.90 0.00	45.51 1.06 0.00	49.24 1.09 0.00	42.63 0.78 0.00	31.51 0.48 0.00	30.74 0.26 0.00
BORALEX_4TH_BRANCH 23824	27.74 1.47 0.00	27.43 1.46 0.00	20.46 1.14 0.00	21.21 1.16 0.00	24.41 1.32 0.00	31.92 1.56 0.00	33.64 1.41 0.00	38.44 1.61 0.00	35.37 1.16 0.00	34.40 1.04 0.00	48.96 1.42 0.00	61.62 1.67 0.00	53.00 1.31 0.00	39.92 1.11 0.00	32.97 1.20 0.00	36.03 1.34 0.00	38.12 1.26 0.00	42.25 1.16 0.00	43.91 1.39 0.00	45.89 1.44 0.00	49.31 1.17 0.00	43.05 1.20 0.00	32.27 1.24 0.00	31.67 1.20 0.00
BOWLINE___1 23526	27.83 1.55 0.00	27.42 1.45 0.00	20.40 1.07 0.00	21.10 1.06 0.00	24.31 1.23 0.00	31.72 1.37 0.00	33.67 1.44 0.00	38.62 1.79 0.00	36.08 1.87 0.00	35.05 1.68 0.00	50.04 2.50 0.00	63.06 3.10 0.00	54.20 2.51 0.00	40.73 1.92 0.00	33.43 1.66 0.00	36.46 1.77 0.00	38.87 2.02 0.00	43.21 2.12 0.00	44.68 2.16 0.00	46.49 2.04 0.00	50.13 1.98 0.00	43.48 1.63 0.00	32.48 1.46 0.00	31.97 1.50 0.00
BOWLINE___2 23595	27.83 1.55 0.00	27.42 1.45 0.00	20.40 1.07 0.00	21.10 1.06 0.00	24.31 1.23 0.00	31.72 1.37 0.00	33.67 1.44 0.00	38.62 1.79 0.00	36.08 1.87 0.00	35.05 1.68 0.00	50.04 2.50 0.00	63.06 3.10 0.00	54.20 2.51 0.00	40.73 1.92 0.00	33.43 1.66 0.00	36.46 1.77 0.00	38.87 2.02 0.00	43.21 2.12 0.00	44.68 2.16 0.00	46.49 2.04 0.00	50.13 1.98 0.00	43.48 1.63 0.00	32.48 1.46 0.00	31.97 1.50 0.00
BRADY___115KV_TB2 356060	-10.20 -0.57 35.91	-17.76 -0.52 43.21	-19.76 -0.38 38.71	-19.53 -0.38 39.20	-18.51 -0.39 41.20	-13.57 -0.24 43.68	27.27 -0.10 4.86	32.07 -0.16 4.61	27.14 -0.24 6.83	32.10 -0.33 0.93	47.03 -0.50 0.00	59.67 -0.28 0.00	51.59 -0.11 0.00	38.57 -0.24 0.00	31.42 -0.35 0.00	34.41 -0.28 0.00	36.53 -0.32 0.00	40.80 -0.28 0.00	42.30 -0.22 0.00	44.71 0.26 0.00	48.81 0.66 0.00	42.50 0.65 0.00	31.19 0.16 0.00	30.46 -0.02 0.00
BRANSCOMB___SOLAR 323811	27.71 1.43 0.00	27.40 1.43 0.00	20.41 1.08 0.00	21.15 1.11 0.00	24.32 1.24 0.00	31.75 1.39 0.00	33.46 1.24 0.00	38.16 1.33 0.00	35.19 0.98 0.00	34.25 0.89 0.00	48.69 1.15 0.00	61.27 1.32 0.00	53.11 1.41 0.00	40.25 1.44 0.00	33.12 1.34 0.00	35.88 1.19 0.00	37.94 1.09 0.00	42.16 1.07 0.00	43.76 1.24 0.00	45.98 1.54 0.00	49.62 1.47 0.00	43.19 1.34 0.00	32.19 1.17 0.00	31.72 1.25 0.00
BRDGHMPT_69_KV_BK1 55812	33.15 1.97 -4.91	32.11 1.80 -4.34	22.05 1.34 -1.38	21.34 1.30 0.00	25.40 1.52 -0.79	33.37 1.68 -1.34	37.11 1.73 -3.16	42.02 2.08 -3.11	38.32 2.20 -1.91	40.07 2.05 -4.66	29.66 3.49 21.37	57.13 3.75 6.57	47.35 2.96 7.31	43.37 2.49 -2.07	34.13 2.15 -0.21	45.52 2.54 -8.30	40.42 3.56 -0.01	45.25 3.98 -0.18	50.25 4.37 -3.37	87.52 4.17 -38.91	56.41 2.69 -5.57	35.67 2.20 8.38	35.77 2.08 -2.67	49.61 2.03 -17.10

BRENTWOD_69_KV_W. BRTWOOD 56703	34.33 2.26 -5.79	33.23 2.14 -5.12	22.57 1.60 -1.64	21.62 1.57 0.00	25.86 1.84 -0.94	34.03 2.08 -1.59	38.10 2.10 -3.78	43.06 2.52 -3.71	39.36 2.55 -2.60	41.17 2.32 -5.49	31.80 3.55 19.28	58.31 4.29 5.93	48.73 3.40 6.36	44.13 2.86 -2.47	34.41 2.37 -0.27	46.62 2.31 -9.62	39.51 2.65 -0.01	44.18 2.91 -0.19	49.09 3.11 -3.46	87.14 3.00 -39.69	56.68 2.76 -5.77	36.30 2.31 7.86	38.10 2.22 -4.85	50.28 2.22 -17.59
BRISTLHL_115KV_TB1 79998	25.46 -0.65 0.17	23.41 -0.68 1.89	17.17 -0.49 1.67	17.85 -0.51 1.69	20.72 -0.57 1.79	28.12 -0.77 1.47	31.04 -0.81 0.38	34.91 -0.94 0.98	31.80 -0.95 1.46	32.25 -0.92 0.20	46.20 -1.34 0.00	58.15 -1.80 0.00	50.18 -1.51 0.00	37.62 -1.18 0.00	30.74 -1.03 0.00	33.63 -1.06 0.00	35.74 -1.12 0.00	39.99 -1.10 0.00	41.50 -1.02 0.00	43.39 -1.06 0.00	46.99 -1.16 0.00	40.75 -1.10 0.00	30.19 -0.83 0.00	29.69 -0.79 0.00
BROOKHAVEN___DRP 24191	33.26 2.10 -4.88	32.24 1.96 -4.32	22.18 1.48 -1.37	21.48 1.44 0.00	25.56 1.69 -0.79	33.54 1.86 -1.33	37.24 1.87 -3.14	42.15 2.22 -3.10	38.42 2.32 -1.89	40.13 2.14 -4.63	29.46 3.35 21.42	57.26 3.90 6.59	47.42 3.06 7.33	43.52 2.65 -2.06	34.18 2.21 -0.21	45.16 2.21 -8.26	39.42 2.56 -0.01	44.17 2.90 -0.18	49.04 3.16 -3.36	86.33 3.00 -38.88	56.24 2.53 -5.56	35.57 2.12 8.40	35.73 2.12 -2.60	49.66 2.10 -17.08
BROOKLYN_NAVY_YARD 23515	28.12 1.84 0.00	27.74 1.77 0.00	20.63 1.30 0.00	21.32 1.28 0.00	24.57 1.49 0.00	31.98 1.62 0.00	33.99 1.66 -0.10	39.03 2.12 -0.08	37.59 2.22 -1.16	35.37 2.00 0.00	62.96 2.96 -12.46	69.70 3.75 -6.00	60.65 2.88 -6.08	41.14 2.27 -0.06	33.77 2.00 0.00	36.79 2.10 0.00	39.18 2.33 0.00	43.54 2.41 -0.04	45.44 2.41 -0.51	47.88 2.25 -1.18	50.34 2.20 0.00	52.24 1.87 -8.52	41.48 1.67 -8.78	32.25 1.72 -0.05
BROOKLYN___ARMY_DRP 323595	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
BROOME_2_LFGE 323671	26.34 0.06 0.00	25.99 0.02 0.00	19.36 0.04 0.00	20.09 0.05 0.00	23.17 0.09 0.00	30.40 0.05 0.00	32.30 0.07 0.00	36.98 0.15 0.00	34.39 0.18 0.00	33.48 0.12 0.00	47.58 0.04 0.00	59.86 -0.10 0.00	51.67 -0.02 0.00	38.76 -0.05 0.00	31.68 -0.09 0.00	34.65 -0.04 0.00	36.76 -0.09 0.00	40.97 -0.12 0.00	42.56 0.04 0.00	44.49 0.04 0.00	48.22 0.07 0.00	41.88 0.03 0.00	31.10 0.08 0.00	30.63 0.15 0.00
BROOME___LFGE 323600	26.34 0.06 0.00	25.99 0.02 0.00	19.36 0.04 0.00	20.09 0.05 0.00	23.17 0.09 0.00	30.40 0.05 0.00	32.30 0.07 0.00	36.98 0.15 0.00	34.39 0.18 0.00	33.48 0.12 0.00	47.58 0.04 0.00	59.86 -0.10 0.00	51.67 -0.02 0.00	38.76 -0.05 0.00	31.68 -0.09 0.00	34.65 -0.04 0.00	36.76 -0.09 0.00	40.97 -0.12 0.00	42.56 0.04 0.00	44.49 0.04 0.00	48.22 0.07 0.00	41.88 0.03 0.00	31.10 0.08 0.00	30.63 0.15 0.00
BROWNFLS_115KV_TB_3_5 80003	2.04 -1.57 22.68	-21.44 -1.42 45.98	-22.67 -1.06 40.94	-22.53 -1.11 41.47	-21.91 -1.25 43.74	-12.81 -1.51 41.65	23.71 -1.53 6.99	21.54 -1.76 13.53	12.33 -1.82 20.06	28.70 -1.92 2.74	45.04 -2.50 0.00	57.64 -2.32 0.00	50.16 -1.54 0.00	37.01 -1.80 0.00	30.41 -1.36 0.00	33.46 -1.23 0.00	35.96 -0.89 0.00	40.23 -0.86 0.00	41.79 -0.73 0.00	44.05 -0.39 0.00	47.83 -0.31 0.00	41.48 -0.37 0.00	30.48 -0.54 0.00	29.64 -0.83 0.00
BROWNSV1_27_KV_LOAD 356125	28.38 2.10 0.00	27.95 1.98 0.00	20.78 1.45 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.27 1.91 0.00	34.26 2.04 0.00	39.41 2.58 0.00	36.84 2.63 0.00	35.78 2.42 0.00	51.10 3.56 0.00	64.42 4.47 0.00	55.26 3.57 0.00	41.56 2.75 0.00	34.14 2.37 0.00	37.19 2.50 0.00	39.61 2.76 0.00	43.99 2.91 0.00	45.44 2.92 0.00	47.21 2.76 0.00	50.89 2.75 0.00	44.20 2.35 0.00	33.04 2.02 0.00	32.54 2.06 0.00
BURROWS___LYONSDAL 23803	21.50 -0.59 4.19	21.46 -0.42 4.09	15.33 -0.32 3.68	15.97 -0.35 3.73	18.76 -0.41 3.91	25.40 -0.57 4.38	31.25 -0.60 0.37	36.14 -0.70 0.00	33.38 -0.83 0.00	32.45 -0.92 0.00	46.47 -1.07 0.00	59.32 -0.63 0.00	51.59 -0.10 0.00	38.13 -0.68 0.00	31.42 -0.35 0.00	34.56 -0.13 0.00	37.22 0.37 0.00	41.60 0.51 0.00	43.23 0.71 0.00	45.38 0.93 0.00	49.08 0.93 0.00	42.48 0.63 0.00	31.37 0.34 0.00	30.54 0.06 0.00
CAITHNESS_CC_1 323624	33.21 2.08 -4.85	32.19 1.92 -4.29	22.14 1.45 -1.37	21.46 1.42 0.00	25.52 1.65 -0.78	33.50 1.82 -1.32	37.18 1.83 -3.12	42.08 2.17 -3.08	38.35 2.27 -1.87	40.05 2.07 -4.61	29.37 3.31 21.48	57.11 3.77 6.60	47.26 2.93 7.36	43.44 2.58 -2.05	34.13 2.15 -0.20	45.03 2.12 -8.22	39.30 2.44 -0.01	44.02 2.74 -0.18	48.86 2.98 -3.36	86.12 2.81 -38.86	56.09 2.39 -5.56	35.43 1.99 8.41	35.61 2.05 -2.54	49.59 2.04 -17.07
CALPINE BETH_PAGE_GT4 24209	45.92 2.01 -17.63	43.45 1.93 -15.54	25.93 1.46 -5.15	21.47 1.42 -0.01	27.71 1.67 -2.97	37.25 1.88 -5.01	46.07 1.89 -11.95	50.62 2.13 -11.66	47.96 2.13 -11.62	51.84 1.89 -16.58	56.02 2.89 -5.59	65.03 3.42 -1.65	59.15 2.65 -4.80	48.75 2.25 -7.68	34.73 1.91 -1.04	63.93 1.91 -27.33	38.98 2.11 -0.02	43.58 2.25 -0.24	49.57 2.33 -4.72	97.07 2.21 -50.41	58.60 2.02 -8.44	41.42 1.72 2.15	65.55 1.82 -32.71	56.70 1.89 -24.33
CALPINE_BETH_PAGE_GT_4 323586	45.93 2.02 -17.63	43.45 1.93 -15.54	25.93 1.46 -5.15	21.47 1.42 -0.01	27.71 1.66 -2.97	37.25 1.89 -5.01	46.08 1.90 -11.95	50.62 2.13 -11.66	47.97 2.15 -11.62	51.84 1.90 -16.58	56.04 2.92 -5.59	65.02 3.41 -1.65	59.14 2.64 -4.80	48.75 2.25 -7.68	34.73 1.91 -1.04	63.93 1.91 -27.33	38.98 2.12 -0.02	43.58 2.25 -0.24	49.57 2.33 -4.72	97.07 2.21 -50.41	58.60 2.01 -8.44	41.41 1.70 2.15	65.56 1.83 -32.71	56.70 1.89 -24.33
CALPINE_BP_GT1 23823	45.93 2.02 -17.63	43.45 1.93 -15.54	25.93 1.46 -5.15	21.47 1.42 -0.01	27.71 1.66 -2.97	37.25 1.89 -5.01	46.08 1.90 -11.95	50.62 2.13 -11.66	47.97 2.15 -11.62	51.84 1.90 -16.58	56.04 2.92 -5.59	65.02 3.41 -1.65	59.14 2.64 -4.80	48.75 2.25 -7.68	34.73 1.91 -1.04	63.93 1.91 -27.33	38.98 2.12 -0.02	43.58 2.25 -0.24	49.57 2.33 -4.72	97.07 2.21 -50.41	58.60 2.01 -8.44	41.41 1.70 2.15	65.56 1.83 -32.71	56.70 1.89 -24.33
CALSPAN___DRP 24200	24.93 -1.35 0.00	24.37 -1.60 0.00	18.14 -1.19 0.00	18.92 -1.13 0.00	21.83 -1.21 0.04	28.90 -1.46 0.00	30.79 -1.44 0.00	34.99 -1.84 0.00	32.72 -1.49 0.00	31.86 -1.51 0.00	45.06 -2.48 0.00	56.56 -3.39 0.00	49.16 -2.53 0.00	36.92 -1.89 0.00	29.82 -1.95 0.00	32.57 -2.12 0.00	34.29 -2.56 0.00	38.17 -2.92 0.00	40.07 -2.45 0.00	42.05 -2.40 0.00	45.93 -2.22 0.00	39.80 -2.05 0.00	29.56 -1.46 0.00	29.44 -1.04 0.00

CALVERTON___SOLAR 323806	33.32 2.15 -4.89	32.28 1.98 -4.32	22.19 1.48 -1.38	21.50 1.46 0.00	25.57 1.70 -0.79	33.58 1.90 -1.34	37.29 1.92 -3.15	42.21 2.28 -3.10	38.48 2.37 -1.89	40.20 2.20 -4.64	29.65 3.52 21.41	57.32 3.95 6.58	47.44 3.07 7.32	43.60 2.73 -2.07	34.23 2.25 -0.21	45.26 2.30 -8.27	39.55 2.68 -0.01	44.33 3.06 -0.18	49.22 3.34 -3.36	86.53 3.19 -38.89	56.36 2.65 -5.57	35.64 2.19 8.39	35.81 2.17 -2.62	49.72 2.15 -17.09
CANDIGU_WT_PWR 323617	25.23 -1.05 0.00	24.69 -1.28 0.00	18.34 -0.99 0.00	19.11 -0.93 0.00	21.91 -0.95 0.23	29.63 -0.73 0.00	31.78 -0.45 0.00	36.28 -0.55 0.00	33.54 -0.67 0.00	32.39 -0.97 0.00	45.78 -1.75 0.00	57.58 -2.37 0.00	49.97 -1.72 0.00	37.48 -1.33 0.00	30.54 -1.23 0.00	33.54 -1.16 0.00	35.43 -1.42 0.00	39.59 -1.50 0.00	41.47 -1.06 0.00	43.26 -1.19 0.00	47.28 -0.86 0.00	41.16 -0.69 0.00	30.52 -0.50 0.00	30.10 -0.38 0.00
CARR STREET_E_SYR 24060	25.98 -0.30 0.00	25.63 -0.34 0.00	19.08 -0.24 0.00	19.80 -0.25 0.00	22.81 -0.27 0.00	29.98 -0.38 0.00	31.84 -0.39 0.00	36.37 -0.45 0.00	33.80 -0.41 0.00	32.94 -0.42 0.00	46.88 -0.65 0.00	59.05 -0.90 0.00	50.99 -0.70 0.00	38.25 -0.56 0.00	31.27 -0.50 0.00	34.11 -0.57 0.00	36.34 -0.51 0.00	40.49 -0.59 0.00	42.05 -0.48 0.00	43.92 -0.52 0.00	47.57 -0.57 0.00	41.27 -0.58 0.00	30.61 -0.42 0.00	30.10 -0.38 0.00
CARTHAGE___PAPER 23857	13.86 -1.22 11.20	-13.48 -1.11 38.34	-15.52 -0.84 34.01	-15.29 -0.88 34.46	-14.34 -1.00 36.42	-3.18 -1.20 32.34	24.26 -1.24 6.73	19.77 -1.50 15.56	9.34 -1.80 23.08	28.20 -2.01 3.16	45.08 -2.45 0.00	58.25 -1.70 0.00	51.04 -0.65 0.00	37.10 -1.71 0.00	30.68 -1.09 0.00	33.96 -0.73 0.00	36.94 0.09 0.00	41.34 0.25 0.00	43.10 0.58 0.00	45.47 1.03 0.00	49.18 1.03 0.00	42.43 0.58 0.00	31.21 0.19 0.00	30.28 -0.20 0.00
CASSADAGA_WT_PWR 323784	25.19 -1.09 0.00	24.59 -1.38 0.00	18.15 -1.18 0.00	19.33 -0.72 0.00	22.66 -0.40 0.03	29.66 -0.69 0.00	31.20 -1.03 0.00	35.67 -1.16 0.00	33.53 -0.68 0.00	32.43 -0.94 0.00	45.96 -1.58 0.00	58.13 -1.82 0.00	50.17 -1.52 0.00	37.69 -1.12 0.00	30.33 -1.45 0.00	33.41 -1.28 0.00	35.16 -1.70 0.00	38.99 -2.10 0.00	41.19 -1.33 0.00	43.41 -1.03 0.00	47.35 -0.80 0.00	40.84 -1.01 0.00	30.39 -0.64 0.00	30.20 -0.28 0.00
CE_DUNWOOD___DRP 24194	27.95 1.67 0.00	27.55 1.58 0.00	20.49 1.16 0.00	21.19 1.14 0.00	24.41 1.33 0.00	31.84 1.48 0.00	33.79 1.56 0.00	38.77 1.94 0.00	36.25 2.04 0.00	35.20 1.84 0.00	50.25 2.72 0.00	63.35 3.40 0.00	54.42 2.73 0.00	40.89 2.08 0.00	33.58 1.81 0.00	36.63 1.94 0.00	39.05 2.19 0.00	43.40 2.31 0.00	44.86 2.34 0.00	46.66 2.22 0.00	50.31 2.16 0.00	43.66 1.81 0.00	32.63 1.61 0.00	32.13 1.65 0.00
CE_MILLWOOD___DRP 24193	27.90 1.63 0.00	27.50 1.54 0.00	20.46 1.13 0.00	21.16 1.12 0.00	24.38 1.30 0.00	31.80 1.44 0.00	33.74 1.51 0.00	38.71 1.88 0.00	36.18 1.97 0.00	35.14 1.78 0.00	50.17 2.63 0.00	63.23 3.28 0.00	54.33 2.63 0.00	40.83 2.02 0.00	33.52 1.75 0.00	36.55 1.86 0.00	38.97 2.12 0.00	43.31 2.23 0.00	44.78 2.26 0.00	46.59 2.14 0.00	50.23 2.09 0.00	43.59 1.74 0.00	32.57 1.55 0.00	32.07 1.59 0.00
CE_NYC2_DRP 24202	28.21 1.93 0.00	27.81 1.84 0.00	20.70 1.37 0.00	21.40 1.36 0.00	24.65 1.57 0.00	32.09 1.74 0.00	34.02 1.79 0.00	39.08 2.25 0.00	36.57 2.36 0.00	35.56 2.20 0.00	50.77 3.23 0.00	63.98 4.03 0.00	54.87 3.17 0.00	41.30 2.49 0.00	34.09 2.20 -0.12	36.96 2.27 0.00	39.41 2.51 -0.05	43.69 2.60 0.00	45.11 2.59 0.00	46.81 2.36 0.00	50.44 2.29 0.00	43.83 1.98 0.00	32.79 1.77 0.00	32.28 1.80 0.00
CE_NYC_DRP 24195	28.20 1.92 0.00	27.79 1.82 0.00	20.67 1.34 0.00	21.37 1.32 0.00	24.62 1.53 0.00	32.09 1.73 0.00	34.06 1.83 0.00	39.15 2.32 0.00	36.85 2.41 -0.23	36.81 2.19 -1.26	50.78 3.22 -0.02	64.00 4.05 0.00	54.89 3.20 0.00	41.68 2.49 -0.38	34.96 2.15 -1.04	37.34 2.28 -0.37	39.36 2.51 0.00	43.71 2.62 0.00	45.13 2.61 0.00	46.89 2.45 0.00	50.56 2.41 0.00	43.90 2.05 0.00	33.32 1.80 -0.50	32.33 1.85 0.00
CHAFFEE___LFGE 323603	25.06 -1.21 0.00	24.50 -1.47 0.00	18.25 -1.08 0.00	19.01 -1.03 0.00	21.95 -1.10 0.03	29.04 -1.31 0.00	30.95 -1.28 0.00	35.20 -1.63 0.00	32.90 -1.31 0.00	32.03 -1.34 0.00	45.30 -2.23 0.00	56.87 -3.08 0.00	49.41 -2.28 0.00	37.08 -1.73 0.00	29.97 -1.81 0.00	32.74 -1.95 0.00	34.48 -2.38 0.00	38.38 -2.71 0.00	40.27 -2.25 0.00	42.27 -2.18 0.00	46.19 -1.96 0.00	40.01 -1.83 0.00	29.72 -1.30 0.00	29.56 -0.92 0.00
CHATEAUG_35_KV_LOAD 355732	-13.52 -1.29 38.51	-17.92 -1.23 42.66	-19.80 -0.86 38.27	-19.63 -0.93 38.75	-18.57 -0.95 40.70	-14.74 -1.02 44.08	26.93 -0.86 4.44	33.18 -0.80 2.85	29.53 -0.45 4.23	32.53 -0.25 0.58	47.11 -0.43 0.00	59.62 -0.33 0.00	51.25 -0.44 0.00	38.41 -0.40 0.00	31.38 -0.39 0.00	34.18 -0.51 0.00	36.21 -0.64 0.00	40.66 -0.43 0.00	42.08 -0.45 0.00	44.27 -0.18 0.00	48.28 0.13 0.00	42.04 0.19 0.00	30.93 -0.09 0.00	30.20 -0.28 0.00
CHATEAUG_WT_PWR 323614	-14.23 -1.28 39.22	-17.75 -1.21 42.51	-19.68 -0.86 38.15	-19.51 -0.93 38.63	-18.43 -0.95 40.56	-14.86 -1.03 44.19	27.02 -0.88 4.33	33.63 -0.82 2.37	30.21 -0.48 3.52	32.60 -0.28 0.48	47.16 -0.38 0.00	59.69 -0.26 0.00	51.34 -0.35 0.00	38.50 -0.31 0.00	31.43 -0.34 0.00	34.24 -0.45 0.00	36.28 -0.58 0.00	40.65 -0.44 0.00	42.07 -0.46 0.00	44.21 -0.23 0.00	48.19 0.05 0.00	41.96 0.11 0.00	30.87 -0.15 0.00	30.18 -0.30 0.00
CHAT_HIGH_FALL_HYD 323578	-13.52 -1.29 38.51	-17.92 -1.23 42.66	-19.80 -0.86 38.27	-19.63 -0.93 38.75	-18.57 -0.95 40.70	-14.74 -1.02 44.08	26.93 -0.86 4.44	33.18 -0.80 2.85	29.53 -0.45 4.23	32.53 -0.25 0.58	47.11 -0.43 0.00	59.62 -0.33 0.00	51.25 -0.44 0.00	38.41 -0.40 0.00	31.38 -0.39 0.00	34.18 -0.51 0.00	36.21 -0.64 0.00	40.66 -0.43 0.00	42.08 -0.45 0.00	44.27 -0.18 0.00	48.28 0.13 0.00	42.04 0.19 0.00	30.93 -0.09 0.00	30.20 -0.28 0.00
CHAUTAUQUA___LFGE 323629	25.16 -1.12 0.00	24.59 -1.38 0.00	18.26 -1.07 0.00	19.25 -0.80 0.00	22.36 -0.69 0.04	29.42 -0.93 0.00	31.14 -1.09 0.00	35.60 -1.23 0.00	33.40 -0.82 0.00	32.40 -0.96 0.00	45.85 -1.69 0.00	57.69 -2.26 0.00	49.87 -1.82 0.00	37.45 -1.36 0.00	30.24 -1.53 0.00	33.13 -1.55 0.00	34.86 -1.99 0.00	38.70 -2.39 0.00	40.73 -1.79 0.00	42.87 -1.57 0.00	46.82 -1.32 0.00	40.52 -1.33 0.00	30.10 -0.92 0.00	29.93 -0.54 0.00
CHERRYST_13_KV_LD 356241	28.27 1.99 0.00	27.85 1.88 0.00	20.72 1.39 0.00	21.42 1.38 0.00	24.68 1.60 0.00	32.17 1.82 0.00	34.16 1.93 0.00	39.27 2.45 0.00	36.74 2.54 0.00	35.68 2.31 0.00	50.95 3.41 0.00	64.23 4.28 0.00	55.10 3.40 0.00	41.45 2.64 0.00	34.05 2.28 0.00	37.09 2.41 0.00	39.50 2.65 0.00	43.86 2.77 0.00	45.28 2.76 0.00	47.03 2.58 0.00	50.70 2.55 0.00	44.02 2.17 0.00	32.91 1.88 0.00	32.41 1.94 0.00

CHESTROR_138KV_BK263 355645	27.70 1.42 0.00	27.32 1.35 0.00	20.33 1.00 0.00	21.03 0.98 0.00	24.23 1.14 0.00	31.64 1.28 0.00	33.57 1.34 0.00	38.48 1.66 0.00	35.92 1.71 0.00	34.90 1.54 0.00	49.80 2.27 0.00	62.75 2.80 0.00	53.98 2.28 0.00	40.54 1.73 0.00	33.26 1.49 0.00	36.28 1.59 0.00	38.67 1.82 0.00	43.02 1.94 0.00	44.51 1.99 0.00	46.35 1.90 0.00	50.00 1.85 0.00	43.37 1.52 0.00	32.38 1.36 0.00	31.85 1.37 0.00
CH_MIDHUDSON___DRP 24192	27.89 1.61 0.00	27.52 1.55 0.00	20.48 1.15 0.00	21.19 1.14 0.00	24.41 1.32 0.00	31.84 1.48 0.00	33.75 1.52 0.00	38.72 1.89 0.00	36.13 1.92 0.00	35.11 1.75 0.00	50.09 2.55 0.00	63.17 3.22 0.00	54.29 2.60 0.00	40.80 1.99 0.00	33.49 1.72 0.00	36.53 1.84 0.00	38.89 2.04 0.00	43.25 2.16 0.00	44.77 2.25 0.00	46.63 2.19 0.00	50.29 2.15 0.00	43.65 1.81 0.00	32.58 1.55 0.00	32.04 1.57 0.00
CH_MISC_IPPS 23765	28.03 1.75 0.00	27.64 1.67 0.00	20.57 1.24 0.00	21.28 1.23 0.00	24.51 1.43 0.00	31.99 1.64 0.00	33.94 1.71 0.00	38.96 2.13 0.00	36.36 2.15 0.00	35.33 1.97 0.00	50.42 2.88 0.00	63.57 3.62 0.00	54.64 2.95 0.00	41.05 2.24 0.00	33.68 1.91 0.00	36.75 2.06 0.00	39.14 2.29 0.00	43.54 2.45 0.00	45.06 2.54 0.00	46.94 2.49 0.00	50.63 2.48 0.00	43.91 2.06 0.00	32.76 1.73 0.00	32.21 1.74 0.00
CH_RES_BVR_FALLS 23983	-32.81 -0.62 58.46	-33.55 -0.63 58.89	-34.06 -0.48 52.91	-34.01 -0.48 53.57	-33.73 -0.60 56.21	-32.85 -0.71 62.50	25.99 -0.72 5.51	35.03 -0.80 1.00	32.00 -0.74 1.47	32.55 -0.61 0.20	46.79 -0.75 0.00	59.38 -0.57 0.00	51.29 -0.40 0.00	38.43 -0.39 0.00	31.40 -0.37 0.00	34.33 -0.36 0.00	36.48 -0.37 0.00	40.73 -0.36 0.00	42.19 -0.33 0.00	44.22 -0.23 0.00	48.01 -0.13 0.00	41.76 -0.09 0.00	30.82 -0.20 0.00	30.16 -0.32 0.00
CH_RES_NIAGARA 23895	24.27 -2.01 0.00	23.83 -2.14 0.00	17.75 -1.58 0.00	18.46 -1.58 0.00	21.30 -1.75 0.03	28.14 -2.22 0.00	29.84 -2.39 0.00	33.77 -3.06 0.00	31.59 -2.62 0.00	30.83 -2.54 0.00	43.55 -3.98 0.00	54.63 -5.32 0.00	47.51 -4.19 0.00	35.72 -3.09 0.00	28.81 -2.96 0.00	31.47 -3.22 0.00	33.17 -3.69 0.00	36.85 -4.23 0.00	38.68 -3.84 0.00	40.58 -3.86 0.00	44.37 -3.78 0.00	38.45 -3.40 0.00	28.57 -2.45 0.00	28.61 -1.87 0.00
CH_RES_SYRACUSE 23985	26.01 -0.27 0.00	25.68 -0.30 0.00	19.12 -0.21 0.00	19.84 -0.21 0.00	22.86 -0.22 0.00	30.05 -0.30 0.00	31.94 -0.29 0.00	36.47 -0.37 0.00	33.87 -0.34 0.00	32.99 -0.37 0.00	46.94 -0.60 0.00	59.08 -0.87 0.00	51.02 -0.67 0.00	38.25 -0.56 0.00	31.28 -0.49 0.00	34.15 -0.54 0.00	36.37 -0.48 0.00	40.61 -0.48 0.00	42.17 -0.35 0.00	44.08 -0.37 0.00	47.72 -0.43 0.00	41.40 -0.45 0.00	30.68 -0.35 0.00	30.14 -0.34 0.00
CLINTON_WT_PWR 323605	-14.23 -1.28 39.22	-17.75 -1.21 42.51	-19.68 -0.86 38.15	-19.51 -0.93 38.63	-18.43 -0.95 40.56	-14.86 -1.03 44.19	27.02 -0.88 4.33	33.63 -0.82 2.37	30.21 -0.48 3.52	32.60 -0.28 0.48	47.16 -0.38 0.00	59.69 -0.26 0.00	51.34 -0.35 0.00	38.50 -0.31 0.00	31.43 -0.34 0.00	34.24 -0.45 0.00	36.28 -0.58 0.00	40.65 -0.44 0.00	42.07 -0.46 0.00	44.21 -0.23 0.00	48.19 0.05 0.00	41.96 0.11 0.00	30.87 -0.15 0.00	30.18 -0.30 0.00
CLINTON___LFGE 323618	-13.71 -1.03 38.96	-17.62 -1.02 42.57	-19.57 -0.70 38.19	-19.39 -0.76 38.67	-18.28 -0.75 40.61	-14.52 -0.72 44.15	27.44 -0.42 4.37	34.12 -0.16 2.55	30.59 0.16 3.78	33.14 0.30 0.52	47.86 0.32 0.00	60.68 0.73 0.00	52.04 0.35 0.00	39.13 0.32 0.00	32.00 0.22 0.00	34.91 0.22 0.00	36.96 0.11 0.00	41.55 0.46 0.00	42.94 0.42 0.00	45.10 0.65 0.00	49.25 1.11 0.00	42.83 0.98 0.00	31.60 0.58 0.00	30.69 0.21 0.00
COBBLENY_34_KV_TB1 80064	25.06 -1.22 0.00	24.50 -1.47 0.00	18.25 -1.08 0.00	19.02 -1.03 0.00	21.95 -1.10 0.03	29.05 -1.31 0.00	30.95 -1.28 0.00	35.20 -1.63 0.00	32.91 -1.30 0.00	32.03 -1.33 0.00	45.30 -2.24 0.00	56.86 -3.09 0.00	49.40 -2.29 0.00	37.08 -1.73 0.00	29.97 -1.80 0.00	32.74 -1.95 0.00	34.48 -2.38 0.00	38.37 -2.72 0.00	40.27 -2.25 0.00	42.27 -2.18 0.00	46.19 -1.95 0.00	40.01 -1.84 0.00	29.72 -1.30 0.00	29.56 -0.91 0.00
COFFEEN___115KV_TB3 355620	15.92 -1.19 9.17	-6.52 -1.18 31.31	-9.34 -0.90 27.77	-9.03 -0.93 28.14	-7.70 -1.04 29.74	2.72 -1.23 26.41	25.52 -1.21 5.50	22.59 -1.55 12.70	13.37 -2.01 18.83	28.47 -2.31 2.58	44.80 -2.74 0.00	58.15 -1.80 0.00	50.94 -0.75 0.00	36.78 -2.03 0.00	30.38 -1.39 0.00	33.84 -0.85 0.00	36.92 0.07 0.00	41.22 0.13 0.00	43.16 0.64 0.00	45.58 1.14 0.00	49.26 1.11 0.00	42.44 0.59 0.00	31.20 0.18 0.00	30.29 -0.19 0.00
COLDSPRG_115KV_BK1 355956	25.77 -0.50 0.00	25.23 -0.75 0.00	18.73 -0.60 0.00	19.69 -0.35 0.00	22.92 -0.14 0.02	30.12 -0.23 0.00	31.88 -0.35 0.00	36.52 -0.31 0.00	34.28 0.07 0.00	33.26 -0.10 0.00	47.10 -0.43 0.00	59.26 -0.69 0.00	51.27 -0.42 0.00	38.41 -0.40 0.00	31.01 -0.76 0.00	33.93 -0.76 0.00	35.55 -1.30 0.00	39.51 -1.58 0.00	41.57 -0.95 0.00	43.75 -0.70 0.00	47.78 -0.37 0.00	41.32 -0.52 0.00	30.74 -0.28 0.00	30.52 0.04 0.00
COLONIE_LFGE___ 323577	27.41 1.13 0.00	27.11 1.13 0.00	20.20 0.87 0.00	20.93 0.88 0.00	24.08 1.00 0.00	31.48 1.13 0.00	33.25 1.02 0.00	38.01 1.18 0.00	35.10 0.89 0.00	34.16 0.80 0.00	48.60 1.06 0.00	61.20 1.25 0.00	52.78 1.09 0.00	39.77 0.97 0.00	32.74 0.97 0.00	35.70 1.01 0.00	37.83 0.98 0.00	42.03 0.94 0.00	43.62 1.10 0.00	45.60 1.16 0.00	49.14 0.99 0.00	42.79 0.94 0.00	31.96 0.93 0.00	31.39 0.91 0.00
COOPERNY_115KV_TB1 80082	27.35 1.07 0.00	26.99 1.02 0.00	20.09 0.76 0.00	20.80 0.75 0.00	23.96 0.88 0.00	31.32 0.97 0.00	33.24 1.01 0.00	38.07 1.24 0.00	35.49 1.29 0.00	34.52 1.15 0.00	49.22 1.69 0.00	62.02 2.07 0.00	53.37 1.67 0.00	40.10 1.29 0.00	32.88 1.11 0.00	35.85 1.16 0.00	38.16 1.31 0.00	42.52 1.43 0.00	44.00 1.48 0.00	45.86 1.42 0.00	49.52 1.38 0.00	42.98 1.13 0.00	32.03 1.01 0.00	31.51 1.03 0.00
COPENHAGEN_WT_PWR 323753	16.08 -1.57 8.62	-5.05 -1.58 29.43	-7.98 -1.20 26.11	-7.66 -1.25 26.46	-6.29 -1.41 27.96	3.79 -1.73 24.83	25.31 -1.75 5.17	22.77 -2.13 11.93	14.09 -2.42 17.69	28.38 -2.57 2.42	44.41 -3.13 0.00	57.57 -2.38 0.00	50.56 -1.13 0.00	36.58 -2.23 0.00	30.30 -1.47 0.00	33.64 -1.05 0.00	36.61 -0.24 0.00	40.94 -0.15 0.00	42.73 0.21 0.00	45.18 0.73 0.00	48.77 0.63 0.00	42.03 0.18 0.00	30.95 -0.08 0.00	30.03 -0.45 0.00
CORNELL_____ 23752	26.58 0.30 0.00	26.23 0.25 0.00	19.54 0.21 0.00	20.26 0.21 0.00	23.37 0.27 -0.01	30.70 0.35 0.00	32.72 0.49 0.00	37.40 0.57 0.00	34.71 0.50 0.00	33.73 0.37 0.00	47.76 0.22 0.00	59.92 -0.03 0.00	51.77 0.08 0.00	38.77 -0.05 0.00	31.69 -0.08 0.00	34.82 0.13 0.00	37.34 0.49 0.00	41.77 0.68 0.00	43.36 0.84 0.00	45.33 0.88 0.00	49.09 0.95 0.00	42.59 0.74 0.00	31.52 0.50 0.00	30.94 0.47 0.00

CORONA V_69_KV_TB1 355595	116.79 2.07 -88.44	106.79 2.01 -78.81	44.74 1.53 -23.87	21.60 1.50 -0.06	37.11 1.76 -12.26	52.49 2.00 -20.14	96.72 2.01 -62.49	100.06 2.45 -60.77	103.66 2.42 -67.03	120.80 2.22 -85.22	202.81 3.34 -151.93	110.59 4.15 -46.49	121.72 3.23 -66.80	81.31 2.62 -39.88	39.90 2.29 -5.84	162.41 2.34 -125.38	39.37 2.49 -0.03	44.29 2.66 -0.55	53.85 2.75 -8.58	126.90 2.61 -79.84	71.48 2.56 -20.78	70.46 2.15 -26.46	228.94 1.95 -195.97	83.81 1.95 -51.38
CORTLAND_115KV_TB3 80093	26.45 0.17 0.00	26.11 0.14 0.00	19.44 0.11 0.00	20.16 0.11 0.00	23.24 0.16 0.00	30.53 0.18 0.00	32.47 0.24 0.00	37.12 0.29 0.00	35.30 0.44 -0.64	34.09 0.55 -0.18	48.28 0.75 0.00	60.81 0.86 0.00	52.53 0.83 0.00	39.38 0.57 0.00	32.07 0.30 0.00	34.75 0.06 0.00	37.08 0.22 0.00	41.39 0.30 0.00	42.97 0.45 0.00	44.91 0.46 0.00	48.63 0.48 0.00	42.19 0.34 0.00	31.26 0.24 0.00	30.71 0.23 0.00
COXSACKIE__GT 23611	27.83 1.55 0.00	27.53 1.56 0.00	20.51 1.18 0.00	21.25 1.20 0.00	24.47 1.39 0.00	32.06 1.70 0.00	34.04 1.81 0.00	39.01 2.18 0.00	36.08 1.87 0.00	35.10 1.74 0.00	49.44 1.90 0.00	62.37 2.42 0.00	54.12 2.42 0.00	40.43 1.63 0.00	33.21 1.44 0.00	36.36 1.68 0.00	38.63 1.77 0.00	42.72 1.63 0.00	44.78 2.26 0.00	46.86 2.41 0.00	50.54 2.40 0.00	43.89 2.03 0.00	32.63 1.61 0.00	31.93 1.46 0.00
CPV_VALLEY__CC1 323721	27.58 1.31 0.00	27.21 1.24 0.00	20.25 0.92 0.00	20.95 0.91 0.00	24.14 1.05 0.00	31.52 1.16 0.00	33.44 1.21 0.00	38.32 1.49 0.00	35.77 1.57 0.00	34.77 1.41 0.00	49.62 2.08 0.00	62.50 2.55 0.00	53.75 2.06 0.00	40.38 1.57 0.00	33.14 1.37 0.00	36.14 1.45 0.00	38.50 1.65 0.00	42.83 1.74 0.00	44.31 1.79 0.00	46.14 1.70 0.00	49.79 1.65 0.00	43.21 1.36 0.00	32.24 1.22 0.00	31.73 1.25 0.00
CPV_VALLEY__CC2 323722	27.58 1.31 0.00	27.21 1.24 0.00	20.25 0.92 0.00	20.95 0.91 0.00	24.14 1.05 0.00	31.52 1.16 0.00	33.44 1.21 0.00	38.32 1.49 0.00	35.77 1.57 0.00	34.77 1.41 0.00	49.62 2.08 0.00	62.50 2.55 0.00	53.75 2.06 0.00	40.38 1.57 0.00	33.14 1.37 0.00	36.14 1.45 0.00	38.50 1.65 0.00	42.83 1.74 0.00	44.31 1.79 0.00	46.14 1.70 0.00	49.79 1.65 0.00	43.21 1.36 0.00	32.24 1.22 0.00	31.73 1.25 0.00
CRESCENT__HYD 24018	27.41 1.13 0.00	27.11 1.13 0.00	20.20 0.87 0.00	20.93 0.88 0.00	24.08 1.00 0.00	31.48 1.13 0.00	33.25 1.02 0.00	38.01 1.18 0.00	35.10 0.89 0.00	34.16 0.80 0.00	48.60 1.06 0.00	61.20 1.25 0.00	52.78 1.09 0.00	39.77 0.97 0.00	32.74 0.97 0.00	35.70 1.01 0.00	37.83 0.98 0.00	42.03 0.94 0.00	43.62 1.10 0.00	45.60 1.16 0.00	49.14 0.99 0.00	42.79 0.94 0.00	31.96 0.93 0.00	31.39 0.91 0.00
CRICKET__VALLEY_CC1 323756	27.71 1.43 0.00	27.35 1.38 0.00	20.36 1.03 0.00	21.07 1.02 0.00	24.27 1.18 0.00	31.61 1.25 0.00	33.49 1.26 0.00	38.41 1.58 0.00	35.84 1.63 0.00	34.83 1.47 0.00	49.71 2.17 0.00	62.65 2.70 0.00	53.84 2.15 0.00	40.47 1.66 0.00	33.24 1.47 0.00	36.24 1.55 0.00	38.60 1.74 0.00	42.90 1.81 0.00	44.37 1.84 0.00	46.19 1.74 0.00	49.80 1.66 0.00	43.25 1.40 0.00	32.31 1.28 0.00	31.80 1.32 0.00
CRICKET__VALLEY_CC2 323757	27.71 1.43 0.00	27.35 1.38 0.00	20.36 1.03 0.00	21.07 1.02 0.00	24.27 1.18 0.00	31.61 1.25 0.00	33.49 1.26 0.00	38.41 1.58 0.00	35.84 1.63 0.00	34.83 1.47 0.00	49.71 2.17 0.00	62.65 2.70 0.00	53.84 2.15 0.00	40.47 1.66 0.00	33.24 1.47 0.00	36.24 1.55 0.00	38.60 1.74 0.00	42.90 1.81 0.00	44.37 1.84 0.00	46.19 1.74 0.00	49.80 1.66 0.00	43.25 1.40 0.00	32.31 1.28 0.00	31.80 1.32 0.00
CRICKET__VALLEY_CC3 323758	27.71 1.43 0.00	27.35 1.38 0.00	20.36 1.03 0.00	21.07 1.02 0.00	24.27 1.18 0.00	31.61 1.25 0.00	33.49 1.26 0.00	38.41 1.58 0.00	35.84 1.63 0.00	34.83 1.47 0.00	49.71 2.17 0.00	62.65 2.70 0.00	53.84 2.15 0.00	40.47 1.66 0.00	33.24 1.47 0.00	36.24 1.55 0.00	38.60 1.74 0.00	42.90 1.81 0.00	44.37 1.84 0.00	46.19 1.74 0.00	49.80 1.66 0.00	43.25 1.40 0.00	32.31 1.28 0.00	31.80 1.32 0.00
CRUCIBLE_METL_DRP 24180	26.01 -0.27 0.00	25.67 -0.30 0.00	19.12 -0.21 0.00	19.84 -0.21 0.00	22.86 -0.22 0.00	30.05 -0.30 0.00	31.93 -0.29 0.00	36.47 -0.37 0.00	33.87 -0.34 0.00	32.99 -0.38 0.00	46.94 -0.60 0.00	59.08 -0.87 0.00	51.02 -0.67 0.00	38.25 -0.56 0.00	31.28 -0.49 0.00	34.16 -0.53 0.00	36.37 -0.48 0.00	40.61 -0.48 0.00	42.17 -0.35 0.00	44.08 -0.37 0.00	47.72 -0.43 0.00	41.40 -0.45 0.00	30.68 -0.35 0.00	30.14 -0.34 0.00
DAHOWA__HYDRO 323763	27.79 1.52 0.00	27.49 1.52 0.00	20.47 1.14 0.00	21.22 1.17 0.00	24.39 1.31 0.00	31.80 1.45 0.00	33.50 1.27 0.00	38.19 1.36 0.00	35.17 0.96 0.00	34.24 0.88 0.00	48.69 1.15 0.00	61.26 1.31 0.00	53.14 1.44 0.00	40.39 1.58 0.00	33.25 1.48 0.00	35.93 1.24 0.00	37.94 1.09 0.00	42.20 1.11 0.00	43.75 1.23 0.00	46.04 1.60 0.00	49.71 1.56 0.00	43.28 1.43 0.00	32.25 1.22 0.00	31.80 1.33 0.00
DANC__LFGE 323619	19.45 -1.18 5.65	5.63 -1.20 19.14	1.45 -0.90 16.97	1.90 -0.94 17.20	3.85 -1.06 18.18	12.87 -1.32 16.16	27.52 -1.35 3.35	27.46 -1.64 7.74	20.90 -1.83 11.47	29.87 -1.93 1.57	45.12 -2.42 0.00	57.84 -2.11 0.00	50.45 -1.24 0.00	37.00 -1.81 0.00	30.49 -1.28 0.00	33.66 -1.03 0.00	36.30 -0.56 0.00	40.59 -0.50 0.00	42.28 -0.24 0.00	44.50 0.05 0.00	48.11 -0.03 0.00	41.53 -0.31 0.00	30.66 -0.36 0.00	29.90 -0.58 0.00
DANSKAMMER__1 23586	28.03 1.75 0.00	27.64 1.67 0.00	20.57 1.24 0.00	21.28 1.23 0.00	24.51 1.43 0.00	31.99 1.64 0.00	33.94 1.71 0.00	38.96 2.13 0.00	36.36 2.15 0.00	35.33 1.97 0.00	50.42 2.88 0.00	63.57 3.62 0.00	54.64 2.95 0.00	41.05 2.24 0.00	33.68 1.91 0.00	36.75 2.06 0.00	39.14 2.29 0.00	43.54 2.45 0.00	45.06 2.54 0.00	46.94 2.49 0.00	50.63 2.48 0.00	43.91 2.06 0.00	32.76 1.73 0.00	32.21 1.74 0.00
DANSKAMMER__2 23589	28.03 1.75 0.00	27.64 1.67 0.00	20.57 1.24 0.00	21.28 1.23 0.00	24.51 1.43 0.00	31.99 1.64 0.00	33.94 1.71 0.00	38.96 2.13 0.00	36.36 2.15 0.00	35.33 1.97 0.00	50.42 2.88 0.00	63.57 3.62 0.00	54.64 2.95 0.00	41.05 2.24 0.00	33.68 1.91 0.00	36.75 2.06 0.00	39.14 2.29 0.00	43.54 2.45 0.00	45.06 2.54 0.00	46.94 2.49 0.00	50.63 2.48 0.00	43.91 2.06 0.00	32.76 1.73 0.00	32.21 1.74 0.00
DANSKAMMER__3 23590	28.03 1.75 0.00	27.64 1.67 0.00	20.57 1.24 0.00	21.28 1.23 0.00	24.51 1.43 0.00	31.99 1.64 0.00	33.94 1.71 0.00	38.96 2.13 0.00	36.36 2.15 0.00	35.33 1.97 0.00	50.42 2.88 0.00	63.57 3.62 0.00	54.64 2.95 0.00	41.05 2.24 0.00	33.68 1.91 0.00	36.75 2.06 0.00	39.14 2.29 0.00	43.54 2.45 0.00	45.06 2.54 0.00	46.94 2.49 0.00	50.63 2.48 0.00	43.91 2.06 0.00	32.76 1.73 0.00	32.21 1.74 0.00

DANSKAMMER___4 23591	28.03 1.75 0.00	27.64 1.67 0.00	20.57 1.24 0.00	21.28 1.23 0.00	24.51 1.43 0.00	31.99 1.64 0.00	33.94 1.71 0.00	38.96 2.13 0.00	36.36 2.15 0.00	35.33 1.97 0.00	50.42 2.88 0.00	63.57 3.62 0.00	54.64 2.95 0.00	41.05 2.24 0.00	33.68 1.91 0.00	36.75 2.06 0.00	39.14 2.29 0.00	43.54 2.45 0.00	45.06 2.54 0.00	46.94 2.49 0.00	50.63 2.48 0.00	43.91 2.06 0.00	32.76 1.73 0.00	32.21 1.74 0.00
DANSKAMMER___DIESEL 23592	28.02 1.75 0.00	27.64 1.67 0.00	20.56 1.23 0.00	21.27 1.23 0.00	24.51 1.43 0.00	31.99 1.64 0.00	33.94 1.71 0.00	38.95 2.13 0.00	36.36 2.15 0.00	35.33 1.97 0.00	50.41 2.87 0.00	63.56 3.61 0.00	54.65 2.95 0.00	41.05 2.24 0.00	33.68 1.91 0.00	36.75 2.06 0.00	39.14 2.28 0.00	43.54 2.45 0.00	45.06 2.54 0.00	46.93 2.49 0.00	50.63 2.48 0.00	43.91 2.06 0.00	32.76 1.73 0.00	32.21 1.74 0.00
DARBY___SOLAR 323810	27.72 1.44 0.00	27.42 1.45 0.00	20.41 1.09 0.00	21.16 1.12 0.00	24.33 1.24 0.00	31.74 1.39 0.00	33.45 1.23 0.00	38.13 1.29 0.00	35.15 0.94 0.00	34.22 0.85 0.00	48.65 1.11 0.00	61.25 1.30 0.00	53.10 1.40 0.00	40.28 1.47 0.00	33.14 1.37 0.00	35.88 1.19 0.00	37.91 1.06 0.00	42.17 1.08 0.00	43.74 1.22 0.00	45.95 1.51 0.00	49.61 1.46 0.00	43.18 1.34 0.00	32.18 1.16 0.00	31.73 1.25 0.00
DASHVILLE___HYD 23610	27.79 1.52 0.00	27.45 1.48 0.00	20.42 1.09 0.00	21.13 1.08 0.00	24.34 1.25 0.00	31.75 1.39 0.00	33.66 1.43 0.00	38.61 1.77 0.00	36.00 1.79 0.00	35.00 1.63 0.00	49.91 2.37 0.00	62.98 3.03 0.00	54.12 2.43 0.00	40.66 1.85 0.00	33.36 1.59 0.00	36.41 1.72 0.00	38.77 1.91 0.00	43.11 2.02 0.00	44.64 2.12 0.00	46.48 2.04 0.00	50.14 2.00 0.00	43.51 1.66 0.00	32.45 1.42 0.00	31.91 1.43 0.00
DELAWARE___LFGE 323621	27.01 0.73 0.00	26.74 0.77 0.00	19.91 0.58 0.00	20.64 0.59 0.00	23.78 0.69 0.00	31.10 0.74 0.00	33.02 0.80 0.00	37.79 0.96 0.00	35.16 0.95 0.00	34.25 0.89 0.00	48.83 1.29 0.00	61.48 1.53 0.00	53.05 1.36 0.00	39.86 1.05 0.00	32.58 0.81 0.00	35.61 0.92 0.00	37.84 0.99 0.00	42.18 1.09 0.00	43.71 1.19 0.00	45.61 1.16 0.00	49.30 1.16 0.00	42.82 0.97 0.00	31.82 0.80 0.00	31.27 0.80 0.00
DERFIELD_115KV_TB7 355931	28.56 0.08 -2.21	30.80 0.08 -4.75	23.62 0.06 -4.23	24.39 0.06 -4.29	27.67 0.07 -4.52	34.63 0.02 -4.26	32.94 -0.03 -0.74	38.27 -0.04 -1.48	36.39 -0.03 -2.22	33.63 -0.04 -0.30	47.47 -0.06 0.00	59.89 -0.06 0.00	51.64 -0.05 0.00	38.77 -0.04 0.00	31.77 0.00 0.00	34.69 0.00 0.00	36.86 0.01 0.00	41.09 0.01 0.00	42.56 0.04 0.00	44.45 0.00 0.00	48.11 -0.04 0.00	41.81 -0.04 0.00	31.05 0.02 0.00	30.49 0.02 0.00
DOGLEVILLE___HYD 23807	28.18 -0.31 -2.21	30.43 -0.29 -4.75	23.39 -0.17 -4.23	24.14 -0.19 -4.29	27.36 -0.25 -4.52	34.12 -0.50 -4.26	32.27 -0.70 -0.74	37.59 -0.71 -1.48	35.63 -0.79 -2.22	32.67 -1.00 -0.30	46.02 -1.52 0.00	58.09 -1.86 0.00	49.99 -1.70 0.00	37.58 -1.23 0.00	30.79 -0.98 0.00	33.57 -1.12 0.00	35.60 -1.25 0.00	40.62 -0.47 0.00	42.32 -0.20 0.00	44.30 -0.15 0.00	47.98 -0.17 0.00	41.59 -0.25 0.00	31.11 0.08 0.00	30.47 -0.01 0.00
DUNKIRK__115KV_TB_200 55889	25.17 -1.11 0.00	24.60 -1.37 0.00	18.28 -1.05 0.00	19.23 -0.81 0.00	22.32 -0.73 0.04	29.40 -0.96 0.00	31.12 -1.11 0.00	35.58 -1.24 0.00	33.39 -0.82 0.00	32.42 -0.95 0.00	45.86 -1.67 0.00	57.63 -2.32 0.00	49.86 -1.83 0.00	37.42 -1.38 0.00	30.24 -1.53 0.00	33.10 -1.59 0.00	34.82 -2.03 0.00	38.66 -2.43 0.00	40.67 -1.85 0.00	42.81 -1.64 0.00	46.74 -1.41 0.00	40.47 -1.39 0.00	30.07 -0.95 0.00	29.89 -0.58 0.00
DUNKIRK___1 23563	25.17 -1.11 0.00	24.60 -1.37 0.00	18.28 -1.05 0.00	19.23 -0.81 0.00	22.32 -0.73 0.04	29.40 -0.96 0.00	31.12 -1.11 0.00	35.58 -1.24 0.00	33.39 -0.82 0.00	32.42 -0.95 0.00	45.86 -1.67 0.00	57.63 -2.32 0.00	49.86 -1.83 0.00	37.42 -1.38 0.00	30.24 -1.53 0.00	33.10 -1.59 0.00	34.82 -2.03 0.00	38.66 -2.43 0.00	40.67 -1.85 0.00	42.81 -1.64 0.00	46.74 -1.41 0.00	40.47 -1.39 0.00	30.07 -0.95 0.00	29.89 -0.58 0.00
DUNKIRK___2 23564	25.17 -1.11 0.00	24.60 -1.37 0.00	18.28 -1.05 0.00	19.23 -0.81 0.00	22.32 -0.73 0.04	29.40 -0.96 0.00	31.12 -1.11 0.00	35.58 -1.24 0.00	33.39 -0.82 0.00	32.42 -0.95 0.00	45.86 -1.67 0.00	57.63 -2.32 0.00	49.86 -1.83 0.00	37.42 -1.38 0.00	30.24 -1.53 0.00	33.10 -1.59 0.00	34.82 -2.03 0.00	38.66 -2.43 0.00	40.67 -1.85 0.00	42.81 -1.64 0.00	46.74 -1.41 0.00	40.47 -1.39 0.00	30.07 -0.95 0.00	29.89 -0.58 0.00
DUNKIRK___3 23565	25.12 -1.16 0.00	24.57 -1.41 0.00	18.27 -1.06 0.00	19.16 -0.89 0.00	22.19 -0.85 0.04	29.26 -1.10 0.00	31.01 -1.22 0.00	35.33 -1.50 0.00	33.07 -1.14 0.00	32.16 -1.21 0.00	45.51 -2.03 0.00	57.26 -2.69 0.00	49.71 -1.99 0.00	37.29 -1.51 0.00	30.16 -1.61 0.00	32.93 -1.76 0.00	34.65 -2.21 0.00	38.49 -2.60 0.00	40.45 -2.07 0.00	42.54 -1.91 0.00	46.45 -1.70 0.00	40.23 -1.62 0.00	29.90 -1.12 0.00	29.74 -0.73 0.00
DUNKIRK___4 23566	25.12 -1.16 0.00	24.57 -1.41 0.00	18.27 -1.06 0.00	19.16 -0.89 0.00	22.19 -0.85 0.04	29.26 -1.10 0.00	31.01 -1.22 0.00	35.33 -1.50 0.00	33.07 -1.14 0.00	32.16 -1.21 0.00	45.51 -2.03 0.00	57.19 -2.76 0.00	49.59 -2.10 0.00	37.24 -1.57 0.00	30.09 -1.69 0.00	32.93 -1.76 0.00	34.65 -2.21 0.00	38.49 -2.60 0.00	40.45 -2.07 0.00	42.54 -1.91 0.00	46.45 -1.70 0.00	40.23 -1.62 0.00	29.90 -1.12 0.00	29.74 -0.73 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.05 1.77 0.00	27.63 1.66 0.00	20.56 1.23 0.00	21.26 1.21 0.00	24.49 1.41 0.00	31.92 1.57 0.00	33.88 1.65 0.00	38.91 2.08 0.00	36.37 2.16 0.00	35.33 1.97 0.00	50.43 2.90 0.00	63.58 3.63 0.00	54.58 2.89 0.00	41.05 2.24 0.00	33.72 1.95 0.00	36.74 2.05 0.00	39.13 2.27 0.00	43.48 2.39 0.00	44.94 2.42 0.00	46.74 2.29 0.00	50.37 2.23 0.00	43.73 1.89 0.00	32.69 1.66 0.00	32.19 1.71 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	27.86 1.59 0.00	27.48 1.51 0.00	20.45 1.11 0.00	21.15 1.10 0.00	24.37 1.28 0.00	31.81 1.45 0.00	33.75 1.52 0.00	38.72 1.89 0.00	36.15 1.94 0.00	35.11 1.75 0.00	50.12 2.58 0.00	63.17 3.22 0.00	54.32 2.63 0.00	40.79 1.99 0.00	33.47 1.70 0.00	36.52 1.83 0.00	38.91 2.06 0.00	43.29 2.20 0.00	44.79 2.26 0.00	46.65 2.20 0.00	50.32 2.17 0.00	43.65 1.81 0.00	32.56 1.54 0.00	32.03 1.55 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	27.99 1.71 0.00	27.59 1.62 0.00	20.54 1.21 0.00	21.22 1.18 0.00	24.46 1.38 0.00	62.87 1.25 -31.27	125.27 1.34 -91.70	38.57 1.74 0.00	36.05 1.85 0.00	34.85 1.49 0.00	49.70 2.16 0.00	62.57 2.62 0.00	53.52 1.82 0.00	40.95 2.14 0.00	33.88 2.11 0.00	36.94 2.25 0.00	39.22 2.37 0.00	43.58 2.49 0.00	45.01 2.48 0.00	46.92 2.48 0.00	50.55 2.40 0.00	43.84 1.99 0.00	32.88 1.85 0.00	32.29 1.81 0.00

E179THST_13_KV_LOAD 356214	28.10 1.82 0.00	27.70 1.73 0.00	20.61 1.28 0.00	21.30 1.25 0.00	24.55 1.46 0.00	62.98 1.36 -31.27	125.41 1.48 -91.70	38.73 1.90 0.00	36.22 2.01 0.00	35.02 1.65 0.00	49.94 2.40 0.00	62.85 2.90 0.00	53.77 2.08 0.00	41.14 2.33 0.00	34.03 2.26 0.00	37.11 2.42 0.00	39.38 2.53 0.00	43.78 2.69 0.00	45.22 2.70 0.00	47.13 2.69 0.00	50.79 2.64 0.00	44.05 2.20 0.00	33.02 2.00 0.00	32.43 1.96 0.00
EAST HAMPTON___GT 23717	32.72 1.54 -4.91	31.66 1.35 -4.34	21.71 1.00 -1.38	20.99 0.94 0.00	24.98 1.10 -0.79	32.83 1.13 -1.34	36.57 1.18 -3.16	41.43 1.48 -3.12	37.76 1.64 -1.91	39.53 1.50 -4.66	29.29 3.12 21.36	56.14 2.76 6.57	46.39 2.00 7.31	42.70 1.81 -2.07	33.63 1.65 -0.21	45.26 2.27 -8.30	40.81 3.95 -0.01	45.68 4.41 -0.18	50.68 4.80 -3.37	87.89 4.53 -38.91	55.79 2.07 -5.57	35.06 1.59 8.38	35.32 1.63 -2.67	49.16 1.58 -17.10
EAST RIVER___6 23660	28.27 1.99 0.00	27.84 1.87 0.00	20.71 1.38 0.00	21.41 1.36 0.00	24.67 1.59 0.00	32.16 1.81 0.00	34.15 1.92 0.00	39.26 2.43 0.00	36.74 2.53 0.00	35.68 2.31 0.00	50.96 3.42 0.00	64.24 4.29 0.00	55.09 3.40 0.00	41.45 2.64 0.00	34.05 2.28 0.00	37.10 2.41 0.00	39.51 2.66 0.00	43.86 2.77 0.00	45.28 2.76 0.00	47.05 2.60 0.00	50.70 2.55 0.00	44.03 2.18 0.00	32.91 1.88 0.00	32.40 1.93 0.00
EAST RIVER___7 23524	28.27 1.99 0.00	27.84 1.87 0.00	20.71 1.38 0.00	21.41 1.36 0.00	24.67 1.59 0.00	32.16 1.81 0.00	34.15 1.92 0.00	39.26 2.43 0.00	36.74 2.53 0.00	35.68 2.31 0.00	50.96 3.42 0.00	64.24 4.29 0.00	55.09 3.40 0.00	41.45 2.64 0.00	34.05 2.28 0.00	37.10 2.41 0.00	39.51 2.66 0.00	43.86 2.77 0.00	45.28 2.76 0.00	47.05 2.60 0.00	50.70 2.55 0.00	44.03 2.18 0.00	32.91 1.88 0.00	32.40 1.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	27.95 1.67 0.00	27.55 1.58 0.00	20.49 1.16 0.00	21.19 1.14 0.00	24.41 1.33 0.00	31.84 1.48 0.00	33.79 1.56 0.00	38.77 1.94 0.00	36.25 2.04 0.00	35.20 1.84 0.00	50.25 2.72 0.00	63.35 3.40 0.00	54.42 2.73 0.00	40.89 2.08 0.00	33.58 1.81 0.00	36.63 1.94 0.00	39.05 2.19 0.00	43.40 2.31 0.00	44.86 2.34 0.00	46.66 2.22 0.00	50.31 2.16 0.00	43.66 1.81 0.00	32.63 1.61 0.00	32.13 1.65 0.00
EAST_HAMPTON___DIESEL 23722	32.64 1.45 -4.91	31.57 1.26 -4.34	21.65 0.94 -1.38	20.93 0.88 0.00	24.91 1.03 -0.79	32.73 1.04 -1.34	36.46 1.08 -3.16	41.31 1.37 -3.12	37.65 1.53 -1.91	39.42 1.40 -4.66	29.18 3.01 21.36	55.94 2.56 6.57	46.21 1.83 7.31	42.57 1.68 -2.07	33.53 1.55 -0.21	45.19 2.20 -8.30	40.81 3.95 -0.01	45.69 4.42 -0.18	50.70 4.81 -3.37	87.88 4.53 -38.91	55.66 1.94 -5.57	34.94 1.48 8.38	35.23 1.54 -2.67	49.08 1.50 -17.10
EAST_POINT___SOLAR 323840	27.76 1.48 0.00	27.43 1.46 0.00	20.40 1.07 0.00	21.18 1.14 0.00	24.38 1.30 0.00	32.18 1.82 0.00	34.34 2.11 0.00	39.26 2.43 0.00	36.48 2.27 0.00	35.10 1.74 0.00	50.01 2.48 0.00	62.93 2.98 0.00	54.80 3.11 0.00	40.91 2.10 0.00	32.86 1.09 0.00	36.21 1.52 0.00	38.39 1.53 0.00	42.57 1.48 0.00	44.71 2.19 0.00	47.20 2.75 0.00	51.40 3.25 0.00	44.51 2.66 0.00	32.76 1.74 0.00	32.00 1.52 0.00
EAST_PULASKI___ESR 323781	22.75 -0.78 2.74	16.05 -0.80 9.12	10.65 -0.60 8.09	11.23 -0.62 8.19	13.73 -0.69 8.66	21.75 -0.89 7.71	29.71 -0.93 1.59	32.05 -1.12 3.66	27.56 -1.23 5.43	31.34 -1.28 0.74	45.86 -1.68 0.00	58.16 -1.79 0.00	50.41 -1.29 0.00	37.45 -1.35 0.00	30.72 -1.06 0.00	33.73 -0.96 0.00	36.01 -0.84 0.00	40.30 -0.79 0.00	41.90 -0.63 0.00	43.92 -0.52 0.00	47.54 -0.61 0.00	41.13 -0.72 0.00	30.43 -0.59 0.00	29.83 -0.65 0.00
EAST_RIVER___1 323558	28.20 1.92 0.00	27.79 1.82 0.00	20.67 1.34 0.00	21.37 1.32 0.00	24.62 1.54 0.00	32.09 1.73 0.00	34.05 1.83 0.00	39.15 2.32 0.00	36.63 2.42 0.00	35.55 2.19 0.00	50.77 3.23 0.00	64.00 4.05 0.00	54.89 3.20 0.00	41.30 2.49 0.00	33.93 2.16 0.00	36.96 2.27 0.00	39.36 2.51 0.00	43.71 2.62 0.00	45.14 2.62 0.00	46.89 2.45 0.00	50.56 2.41 0.00	43.90 2.05 0.00	32.82 1.80 0.00	32.33 1.86 0.00
EAST_RIVER___2 323559	28.27 1.99 0.00	27.84 1.87 0.00	20.71 1.38 0.00	21.41 1.36 0.00	24.67 1.59 0.00	32.16 1.81 0.00	34.15 1.92 0.00	39.26 2.43 0.00	36.74 2.53 0.00	35.68 2.31 0.00	50.96 3.42 0.00	64.24 4.29 0.00	55.09 3.40 0.00	41.45 2.64 0.00	34.05 2.28 0.00	37.10 2.41 0.00	39.51 2.66 0.00	43.86 2.77 0.00	45.28 2.76 0.00	47.05 2.60 0.00	50.70 2.55 0.00	44.03 2.18 0.00	32.91 1.88 0.00	32.40 1.93 0.00
EAST___DELAWARE_HYD 23607	28.04 1.77 0.00	27.66 1.69 0.00	20.58 1.25 0.00	21.30 1.25 0.00	24.55 1.46 0.00	32.08 1.72 0.00	34.07 1.85 0.00	39.08 2.25 0.00	36.46 2.25 0.00	35.44 2.07 0.00	50.52 2.98 0.00	63.75 3.80 0.00	54.77 3.08 0.00	41.15 2.34 0.00	33.72 1.95 0.00	36.77 2.09 0.00	39.20 2.35 0.00	43.74 2.65 0.00	45.30 2.78 0.00	47.24 2.79 0.00	50.97 2.83 0.00	44.16 2.31 0.00	32.87 1.85 0.00	32.31 1.83 0.00
EIGHT_POINT___WT_PWR 323820	24.93 -1.35 0.00	24.40 -1.57 0.00	18.04 -1.29 0.00	18.77 -1.27 0.00	22.22 -1.00 -0.13	29.89 -0.47 0.00	32.19 -0.03 0.00	36.70 -0.13 0.00	33.85 -0.36 0.00	32.52 -0.84 0.00	45.71 -1.83 0.00	57.44 -2.51 0.00	49.88 -1.81 0.00	37.43 -1.38 0.00	30.54 -1.23 0.00	33.72 -0.97 0.00	35.65 -1.20 0.00	39.82 -1.27 0.00	41.87 -0.65 0.00	43.79 -0.66 0.00	47.89 -0.25 0.00	41.67 -0.18 0.00	30.84 -0.18 0.00	30.26 -0.21 0.00
ELBRIDGE_115KV_TB2 80188	25.82 -0.45 0.00	25.51 -0.46 0.00	19.01 -0.32 0.00	19.71 -0.33 0.00	22.72 -0.37 0.00	29.86 -0.49 0.00	31.74 -0.49 0.00	36.18 -0.65 0.00	33.64 -0.57 0.00	32.73 -0.64 0.00	46.56 -0.98 0.00	58.62 -1.33 0.00	50.60 -1.09 0.00	37.91 -0.90 0.00	31.03 -0.74 0.00	33.90 -0.79 0.00	36.06 -0.79 0.00	40.26 -0.82 0.00	41.84 -0.68 0.00	43.74 -0.70 0.00	47.32 -0.82 0.00	41.10 -0.75 0.00	30.46 -0.56 0.00	29.93 -0.54 0.00
ELEC_TRO_TEK 24086	63.98 1.94 -35.76	59.58 1.89 -31.72	30.74 1.44 -9.97	21.46 1.40 -0.02	30.94 1.65 -6.21	42.89 1.86 -10.67	58.97 1.87 -24.87	63.31 2.27 -24.21	62.30 2.27 -25.83	69.53 2.05 -34.11	94.75 3.14 -44.08	77.16 3.84 -13.37	77.42 2.99 -22.73	57.20 2.45 -15.94	36.11 2.12 -2.22	89.92 2.16 -53.06	39.19 2.32 -0.02	43.99 2.47 -0.43	52.47 2.54 -7.41	121.31 2.40 -74.46	64.03 2.28 -13.61	51.18 1.92 -7.41	110.49 1.81 -77.66	70.14 1.82 -37.84
ELLENBURG_WT_PWR 323604	-14.23 -1.28 39.22	-17.75 -1.21 42.51	-19.68 -0.86 38.15	-19.51 -0.93 38.63	-18.43 -0.95 40.56	-14.86 -1.03 44.19	27.02 -0.88 4.33	33.63 -0.82 2.37	30.21 -0.48 3.52	32.60 -0.28 0.48	47.16 -0.38 0.00	59.69 -0.26 0.00	51.34 -0.35 0.00	38.50 -0.31 0.00	31.43 -0.34 0.00	34.24 -0.45 0.00	36.28 -0.58 0.00	40.65 -0.44 0.00	42.07 -0.46 0.00	44.21 -0.23 0.00	48.19 0.05 0.00	41.96 0.11 0.00	30.87 -0.15 0.00	30.18 -0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	24.82 -1.45 0.00	24.27 -1.70 0.00	18.07 -1.26 0.00	18.84 -1.21 0.00	21.74 -1.30 0.04	28.76 -1.59 0.00	30.63 -1.60 0.00	34.79 -2.04 0.00	32.53 -1.68 0.00	31.68 -1.68 0.00	44.82 -2.72 0.00	56.26 -3.69 0.00	48.91 -2.78 0.00	36.73 -2.08 0.00	29.67 -2.11 0.00	32.40 -2.29 0.00	34.12 -2.73 0.00	37.97 -3.12 0.00	39.85 -2.68 0.00	41.80 -2.64 0.00	45.68 -2.47 0.00	39.58 -2.27 0.00	29.40 -1.62 0.00	29.30 -1.18 0.00
EMPIRE_CC_1 323656	27.41 1.14 0.00	27.11 1.14 0.00	20.20 0.87 0.00	20.93 0.88 0.00	24.09 1.01 0.00	31.50 1.14 0.00	33.27 1.04 0.00	38.04 1.21 0.00	35.17 0.96 0.00	34.22 0.86 0.00	48.69 1.16 0.00	61.34 1.39 0.00	52.81 1.12 0.00	39.73 0.93 0.00	32.71 0.95 0.00	35.71 1.02 0.00	37.90 1.05 0.00	42.10 1.01 0.00	43.66 1.13 0.00	45.56 1.11 0.00	49.06 0.92 0.00	42.72 0.87 0.00	31.95 0.93 0.00	31.37 0.89 0.00
EMPIRE_CC_2 323658	27.41 1.14 0.00	27.11 1.14 0.00	20.20 0.87 0.00	20.93 0.88 0.00	24.09 1.01 0.00	31.50 1.14 0.00	33.27 1.04 0.00	38.04 1.21 0.00	35.17 0.96 0.00	34.22 0.86 0.00	48.69 1.16 0.00	61.34 1.39 0.00	52.81 1.12 0.00	39.73 0.93 0.00	32.71 0.95 0.00	35.71 1.02 0.00	37.90 1.05 0.00	42.10 1.01 0.00	43.66 1.13 0.00	45.56 1.11 0.00	49.06 0.92 0.00	42.72 0.87 0.00	31.95 0.93 0.00	31.37 0.89 0.00
ENORWICH_115KV_TB1 80156	26.98 0.70 0.00	26.66 0.69 0.00	19.96 0.63 0.00	20.68 0.63 0.00	23.89 0.79 -0.01	31.26 0.90 0.00	33.62 1.40 0.00	38.37 1.54 0.00	35.49 1.28 0.00	34.87 1.51 0.00	49.60 2.06 0.00	61.75 1.80 0.00	54.05 2.35 0.00	40.82 2.01 0.00	33.17 1.40 0.00	36.64 1.94 0.00	38.65 1.80 0.00	43.99 2.90 0.00	45.77 3.25 0.00	47.52 3.07 0.00	51.38 3.24 0.00	44.53 2.68 0.00	32.89 1.87 0.00	32.05 1.57 0.00
ERIE_ST__34_KV_TB1-2 80199	25.07 -1.21 0.00	24.51 -1.46 0.00	18.25 -1.08 0.00	19.00 -1.04 0.00	21.94 -1.11 0.04	29.00 -1.36 0.00	30.94 -1.29 0.00	35.31 -1.52 0.00	33.04 -1.17 0.00	32.14 -1.22 0.00	45.41 -2.13 0.00	57.02 -2.93 0.00	49.53 -2.16 0.00	37.16 -1.64 0.00	30.02 -1.76 0.00	32.78 -1.91 0.00	34.50 -2.36 0.00	38.41 -2.68 0.00	40.32 -2.43 0.00	42.31 -2.38 0.00	46.21 -2.23 0.00	40.03 -1.82 0.00	29.71 -1.31 0.00	29.57 -0.91 0.00
ERIE_WT_PWR 323693	24.94 -1.34 0.00	24.39 -1.59 0.00	18.16 -1.17 0.00	18.92 -1.13 0.00	21.84 -1.20 0.04	28.92 -1.44 0.00	30.80 -1.42 0.00	35.00 -1.83 0.00	32.72 -1.49 0.00	31.86 -1.50 0.00	45.08 -2.46 0.00	56.61 -3.34 0.00	49.19 -2.50 0.00	36.93 -1.88 0.00	29.82 -1.95 0.00	32.57 -2.12 0.00	34.30 -2.55 0.00	38.19 -2.90 0.00	40.09 -2.43 0.00	42.06 -2.38 0.00	45.92 -2.23 0.00	39.79 -2.06 0.00	29.56 -1.46 0.00	29.42 -1.06 0.00
ESPRGFLD_115KV_TB1 80157	27.14 0.87 0.00	26.85 0.87 0.00	19.98 0.64 0.00	20.74 0.69 0.00	23.89 0.81 0.00	31.44 1.08 0.00	33.62 1.39 0.00	38.51 1.68 0.00	36.33 2.12 0.00	35.04 1.67 0.00	49.73 2.19 0.00	62.70 2.75 0.00	54.29 2.60 0.00	40.67 1.86 0.00	32.94 1.17 0.00	36.17 1.48 0.00	38.51 1.66 0.00	42.80 1.72 0.00	44.37 1.85 0.00	46.37 1.92 0.00	50.49 2.35 0.00	43.76 1.91 0.00	32.24 1.21 0.00	31.54 1.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	26.53 0.25 0.00	26.18 0.21 0.00	19.50 0.17 0.00	20.22 0.17 0.00	23.33 0.24 -0.01	30.65 0.29 0.00	32.65 0.42 0.00	37.31 0.48 0.00	34.63 0.42 0.00	33.66 0.30 0.00	47.69 0.16 0.00	59.85 -0.10 0.00	51.71 0.02 0.00	38.75 -0.06 0.00	31.67 -0.10 0.00	34.79 0.10 0.00	37.24 0.39 0.00	41.65 0.57 0.00	43.26 0.74 0.00	45.20 0.75 0.00	48.97 0.82 0.00	42.48 0.62 0.00	31.45 0.42 0.00	30.88 0.40 0.00
ETNA____115KV_TB2 80207	26.53 0.25 0.00	26.18 0.21 0.00	19.50 0.17 0.00	20.22 0.17 0.00	23.33 0.24 -0.01	30.65 0.29 0.00	32.65 0.42 0.00	37.31 0.48 0.00	34.63 0.42 0.00	33.66 0.30 0.00	47.69 0.16 0.00	59.85 -0.10 0.00	51.71 0.02 0.00	38.75 -0.06 0.00	31.67 -0.10 0.00	34.79 0.10 0.00	37.24 0.39 0.00	41.65 0.57 0.00	43.26 0.74 0.00	45.20 0.75 0.00	48.97 0.82 0.00	42.48 0.62 0.00	31.45 0.42 0.00	30.88 0.40 0.00
EUCLID____115KV_TB2 356179	25.84 -0.43 0.00	25.50 -0.47 0.00	18.99 -0.34 0.00	19.70 -0.35 0.00	22.70 -0.39 0.00	29.83 -0.53 0.00	31.66 -0.56 0.00	36.16 -0.66 0.00	33.59 -0.62 0.00	32.74 -0.62 0.00	46.60 -0.94 0.00	58.69 -1.26 0.00	50.67 -1.02 0.00	38.02 -0.79 0.00	31.09 -0.69 0.00	33.92 -0.77 0.00	36.12 -0.73 0.00	40.26 -0.82 0.00	41.79 -0.73 0.00	43.67 -0.78 0.00	47.30 -0.85 0.00	41.05 -0.81 0.00	30.44 -0.58 0.00	29.94 -0.53 0.00
E_CANADA_CAP_HY 24051	27.43 1.15 0.00	27.12 1.14 0.00	20.16 0.83 0.00	20.94 0.89 0.00	24.08 0.99 0.00	31.77 1.42 0.00	33.91 1.68 0.00	38.78 1.95 0.00	36.24 2.03 0.00	35.03 1.67 0.00	49.89 2.35 0.00	63.02 3.07 0.00	54.63 2.94 0.00	40.87 2.06 0.00	33.00 1.23 0.00	36.22 1.54 0.00	38.60 1.74 0.00	42.73 1.65 0.00	44.31 1.79 0.00	46.47 2.03 0.00	50.77 2.62 0.00	44.01 2.16 0.00	32.35 1.32 0.00	31.64 1.16 0.00
E_CANADA_MHWK_HY 24050	28.18 -0.31 -2.21	30.43 -0.29 -4.75	23.39 -0.17 -4.23	24.14 -0.19 -4.29	27.36 -0.25 -4.52	34.12 -0.50 -4.26	32.27 -0.70 -0.74	37.59 -0.72 -1.48	35.63 -0.80 -2.22	32.67 -1.00 -0.30	46.02 -1.52 0.00	58.09 -1.86 0.00	49.99 -1.70 0.00	37.57 -1.23 0.00	30.79 -0.98 0.00	33.57 -1.12 0.00	35.60 -1.25 0.00	40.62 -0.47 0.00	42.31 -0.20 0.00	44.30 -0.15 0.00	47.98 -0.17 0.00	41.59 -0.25 0.00	31.11 0.08 0.00	30.47 -0.01 0.00
E_FISHKILL__LBMP 23776	27.82 1.54 0.00	27.45 1.48 0.00	20.43 1.10 0.00	21.13 1.08 0.00	24.34 1.25 0.00	31.73 1.38 0.00	33.64 1.41 0.00	38.58 1.75 0.00	36.02 1.81 0.00	35.00 1.64 0.00	49.94 2.41 0.00	62.96 3.01 0.00	54.10 2.41 0.00	40.66 1.85 0.00	33.40 1.63 0.00	36.40 1.71 0.00	38.76 1.91 0.00	43.08 1.99 0.00	44.55 2.03 0.00	46.36 1.92 0.00	49.97 1.82 0.00	43.39 1.54 0.00	32.41 1.39 0.00	31.90 1.43 0.00
FALCON____SEABRD_CC1 323796	-13.77 -1.00 39.05	-17.58 -1.00 42.55	-19.53 -0.68 38.18	-19.35 -0.74 38.66	-18.24 -0.73 40.60	-14.51 -0.70 44.16	27.46 -0.41 4.36	34.22 -0.12 2.49	30.74 0.22 3.69	33.21 0.35 0.51	47.99 0.46 0.00	60.92 0.97 0.00	52.22 0.53 0.00	39.33 0.52 0.00	32.16 0.39 0.00	35.08 0.39 0.00	37.13 0.28 0.00	41.68 0.59 0.00	43.06 0.54 0.00	45.16 0.72 0.00	49.32 1.18 0.00	42.90 1.04 0.00	31.72 0.69 0.00	30.77 0.29 0.00
FALCON____SEABRD_CC2 323797	-13.77 -1.00 39.05	-17.58 -1.00 42.55	-19.53 -0.68 38.18	-19.35 -0.74 38.66	-18.24 -0.73 40.60	-14.51 -0.70 44.16	27.46 -0.41 4.36	34.22 -0.12 2.49	30.74 0.22 3.69	33.21 0.35 0.51	47.99 0.46 0.00	60.92 0.97 0.00	52.22 0.53 0.00	39.33 0.52 0.00	32.16 0.39 0.00	35.08 0.39 0.00	37.13 0.28 0.00	41.68 0.59 0.00	43.06 0.54 0.00	45.16 0.72 0.00	49.32 1.18 0.00	42.90 1.04 0.00	31.72 0.69 0.00	30.77 0.29 0.00

FAR ROCKAWAY___4 23548	120.35 2.21 -91.86	109.99 2.16 -81.87	45.72 1.63 -24.75	21.71 1.60 -0.06	37.62 1.88 -12.65	53.28 2.17 -20.75	99.38 2.20 -64.95	102.68 2.68 -63.16	106.59 2.63 -69.75	124.35 2.43 -88.55	210.66 3.66 -159.47	113.35 4.57 -48.83	124.52 3.58 -69.25	83.11 2.86 -41.44	40.35 2.48 -6.10	167.04 2.58 -129.77	39.60 2.72 -0.02	44.53 2.93 -0.51	53.53 3.05 -7.95	120.60 2.95 -73.21	71.46 2.93 -20.39	71.54 2.42 -27.27	235.96 2.10 -202.83	82.10 2.11 -49.51
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.19 1.91 0.00	27.78 1.80 0.00	20.66 1.33 0.00	21.36 1.32 0.00	24.61 1.53 0.00	32.07 1.71 0.00	34.02 1.79 0.00	39.11 2.28 0.00	36.59 2.38 0.00	35.52 2.16 0.00	50.72 3.18 0.00	63.94 3.99 0.00	54.83 3.14 0.00	41.25 2.44 0.00	33.89 2.12 0.00	36.93 2.24 0.00	39.32 2.46 0.00	43.66 2.58 0.00	45.10 2.57 0.00	46.85 2.40 0.00	50.51 2.36 0.00	43.86 2.01 0.00	32.79 1.77 0.00	32.30 1.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.20 1.92 0.00	27.78 1.81 0.00	20.67 1.34 0.00	21.37 1.32 0.00	24.62 1.53 0.00	32.08 1.72 0.00	34.04 1.81 0.00	39.13 2.30 0.00	36.60 2.39 0.00	35.53 2.17 0.00	50.73 3.19 0.00	63.96 4.01 0.00	54.85 3.16 0.00	41.27 2.46 0.00	33.90 2.13 0.00	36.93 2.25 0.00	39.32 2.47 0.00	43.67 2.58 0.00	45.11 2.59 0.00	46.87 2.43 0.00	50.51 2.36 0.00	43.88 2.03 0.00	32.81 1.79 0.00	32.32 1.84 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.18 1.90 0.00	27.77 1.80 0.00	20.65 1.33 0.00	21.36 1.31 0.00	24.61 1.52 0.00	32.06 1.70 0.00	34.02 1.79 0.00	39.11 2.28 0.00	36.58 2.37 0.00	35.52 2.15 0.00	50.71 3.17 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.25 2.44 0.00	33.89 2.12 0.00	36.91 2.22 0.00	39.31 2.46 0.00	43.66 2.57 0.00	45.08 2.56 0.00	46.84 2.40 0.00	50.47 2.33 0.00	43.84 1.99 0.00	32.78 1.76 0.00	32.30 1.82 0.00
FARRAGUT___LBMP 323566	28.15 1.88 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	33.99 1.76 0.00	39.07 2.24 0.00	36.54 2.33 0.00	35.48 2.11 0.00	50.65 3.11 0.00	63.85 3.89 0.00	54.77 3.07 0.00	41.19 2.38 0.00	33.85 2.08 0.00	36.87 2.18 0.00	39.27 2.41 0.00	43.60 2.52 0.00	45.03 2.51 0.00	46.80 2.35 0.00	50.43 2.29 0.00	43.81 1.96 0.00	32.76 1.74 0.00	32.27 1.80 0.00
FENNER___WINDPWR 24204	26.68 0.13 -0.28	29.19 0.12 -3.11	22.16 0.08 -2.74	22.92 0.09 -2.78	26.15 0.12 -2.95	32.95 0.17 -2.42	33.09 0.25 -0.62	38.72 0.28 -1.61	37.07 0.30 -2.56	34.12 0.37 -0.39	48.16 0.62 0.00	60.82 0.87 0.00	52.45 0.76 0.00	39.30 0.49 0.00	32.17 0.40 0.00	35.04 0.35 0.00	37.41 0.55 0.00	41.74 0.65 0.00	43.33 0.81 0.00	45.29 0.84 0.00	49.06 0.92 0.00	42.53 0.68 0.00	31.46 0.43 0.00	30.73 0.25 0.00
FIBERTEK___ENERGY 23856	26.01 -0.27 0.00	25.67 -0.30 0.00	19.12 -0.21 0.00	19.84 -0.21 0.00	22.86 -0.22 0.00	30.05 -0.30 0.00	31.93 -0.29 0.00	36.47 -0.37 0.00	33.87 -0.34 0.00	32.99 -0.38 0.00	46.94 -0.60 0.00	59.08 -0.87 0.00	51.02 -0.67 0.00	38.25 -0.56 0.00	31.28 -0.49 0.00	34.16 -0.53 0.00	36.37 -0.48 0.00	40.61 -0.48 0.00	42.17 -0.35 0.00	44.08 -0.37 0.00	47.72 -0.43 0.00	41.40 -0.45 0.00	30.68 -0.35 0.00	30.14 -0.34 0.00
FITZPATRICK___ 23598	25.46 -0.81 0.00	25.15 -0.82 0.00	18.73 -0.60 0.00	19.42 -0.62 0.00	22.37 -0.71 0.00	29.39 -0.96 0.00	31.20 -1.03 0.00	35.61 -1.22 0.00	33.07 -1.14 0.00	32.23 -1.13 0.00	45.88 -1.66 0.00	57.81 -2.14 0.00	49.92 -1.78 0.00	37.44 -1.37 0.00	30.61 -1.16 0.00	33.43 -1.26 0.00	35.56 -1.29 0.00	39.66 -1.43 0.00	41.13 -1.39 0.00	42.99 -1.45 0.00	46.57 -1.58 0.00	40.44 -1.41 0.00	29.98 -1.04 0.00	29.49 -0.99 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.07 1.79 0.00	27.69 1.72 0.00	20.60 1.27 0.00	21.31 1.26 0.00	24.55 1.47 0.00	32.04 1.69 0.00	33.99 1.76 0.00	39.02 2.20 0.00	36.42 2.22 0.00	35.40 2.03 0.00	50.50 2.97 0.00	63.68 3.73 0.00	54.75 3.06 0.00	41.13 2.32 0.00	33.74 1.97 0.00	36.82 2.13 0.00	39.21 2.36 0.00	43.62 2.53 0.00	45.15 2.63 0.00	47.02 2.58 0.00	50.72 2.57 0.00	44.00 2.15 0.00	32.81 1.79 0.00	32.27 1.79 0.00
FORT ORANGE___ 23900	27.16 0.89 0.00	26.87 0.90 0.00	20.02 0.69 0.00	20.74 0.70 0.00	23.88 0.80 0.00	31.22 0.87 0.00	33.03 0.81 0.00	37.80 0.97 0.00	34.98 0.77 0.00	34.04 0.67 0.00	48.23 0.70 0.00	60.81 0.86 0.00	52.47 0.78 0.00	39.44 0.63 0.00	32.43 0.66 0.00	35.44 0.75 0.00	37.65 0.79 0.00	41.79 0.70 0.00	43.39 0.87 0.00	45.30 0.86 0.00	48.84 0.69 0.00	42.48 0.63 0.00	31.74 0.72 0.00	31.15 0.67 0.00
FORT_DRUM_COGEN 23780	15.16 -1.32 9.80	-8.81 -1.30 33.49	-11.36 -0.98 29.70	-11.08 -1.03 30.10	-9.88 -1.16 31.81	0.71 -1.40 28.24	24.94 -1.41 5.88	21.52 -1.73 13.58	11.98 -2.09 20.14	28.29 -2.32 2.76	44.72 -2.81 0.00	57.94 -2.01 0.00	50.80 -0.89 0.00	36.78 -2.03 0.00	30.42 -1.35 0.00	33.78 -0.90 0.00	36.78 -0.07 0.00	41.10 0.01 0.00	42.94 0.42 0.00	45.35 0.91 0.00	48.99 0.85 0.00	42.24 0.39 0.00	31.08 0.05 0.00	30.16 -0.31 0.00
FOX_HILLS___ESR 323835	28.24 1.96 0.00	28.03 2.06 0.00	20.86 1.53 0.00	21.56 1.51 0.00	24.84 1.76 0.00	32.37 2.01 0.00	40.94 1.94 -6.77	45.81 2.20 -6.78	45.05 2.26 -8.57	46.46 2.04 -11.05	51.60 3.00 -1.07	63.64 3.69 0.00	54.36 2.88 0.22	45.62 2.34 -4.47	45.74 2.07 -11.89	43.25 2.12 -6.44	101.82 2.33 -62.63	69.67 2.38 -26.21	59.31 2.41 -14.38	46.73 2.28 0.00	50.35 2.21 0.00	47.42 1.92 -3.65	49.68 1.67 -16.98	36.04 1.75 -3.82
FPL_FAR_ROCK_GT1 24212	120.35 2.22 -91.86	109.99 2.16 -81.87	45.71 1.63 -24.75	21.72 1.60 -0.06	37.61 1.88 -12.65	53.28 2.17 -20.75	99.37 2.20 -64.95	102.67 2.68 -63.16	106.59 2.63 -69.75	124.35 2.43 -88.55	210.67 3.67 -159.47	113.33 4.55 -48.83	124.50 3.56 -69.25	83.11 2.87 -41.44	40.35 2.48 -6.10	167.04 2.58 -129.77	39.59 2.72 -0.02	44.54 2.93 -0.51	53.53 3.05 -7.95	120.59 2.93 -73.21	71.46 2.92 -20.39	71.53 2.41 -27.27	235.93 2.07 -202.83	82.09 2.10 -49.51
FPL_FAR_ROCK_GT2 23815	120.35 2.22 -91.86	109.99 2.16 -81.87	45.71 1.63 -24.75	21.72 1.60 -0.06	37.61 1.88 -12.65	53.28 2.17 -20.75	99.37 2.20 -64.95	102.67 2.68 -63.16	106.59 2.63 -69.75	124.35 2.43 -88.55	210.67 3.67 -159.47	113.33 4.55 -48.83	124.50 3.56 -69.25	83.11 2.87 -41.44	40.35 2.48 -6.10	167.04 2.58 -129.77	39.59 2.72 -0.02	44.54 2.93 -0.51	53.53 3.05 -7.95	120.59 2.93 -73.21	71.46 2.92 -20.39	71.53 2.41 -27.27	235.93 2.07 -202.83	82.09 2.10 -49.51
FRANKLIN_FALL_HYD 24054	-11.86 -1.27 36.87	-18.24 -1.21 43.01	-20.08 -0.86 38.55	-19.90 -0.92 39.03	-18.88 -0.95 41.02	-14.46 -0.98 43.83	26.72 -0.80 4.71	32.14 -0.73 3.96	27.86 -0.47 5.87	32.21 -0.35 0.80	47.04 -0.50 0.00	59.47 -0.48 0.00	51.13 -0.57 0.00	38.31 -0.50 0.00	31.29 -0.48 0.00	34.14 -0.55 0.00	36.24 -0.61 0.00	40.65 -0.43 0.00	42.10 -0.43 0.00	44.31 -0.14 0.00	48.37 0.23 0.00	42.10 0.25 0.00	30.89 -0.14 0.00	30.13 -0.35 0.00

FREEPORT_EQUS_GT1 23764	59.66 2.06 -31.32	55.63 1.98 -27.68	29.82 1.49 -9.00	21.52 1.46 -0.02	29.90 1.71 -5.11	40.92 1.96 -8.60	55.79 1.97 -21.59	60.23 2.38 -21.02	59.00 2.37 -22.42	65.13 2.15 -29.62	88.97 3.27 -38.16	75.37 3.81 -11.61	73.53 2.95 -18.88	55.21 2.57 -13.83	35.91 2.17 -1.97	83.88 2.20 -46.99	39.29 2.42 -0.02	43.91 2.59 -0.23	50.79 2.69 -5.57	103.12 2.46 -56.22	61.18 2.32 -10.72	49.52 2.07 -5.59	99.08 1.96 -66.09	61.98 1.97 -29.54
FREEPORT___CT2 23818	59.66 2.06 -31.32	55.63 1.98 -27.68	29.82 1.49 -9.00	21.52 1.46 -0.02	29.90 1.71 -5.11	40.92 1.96 -8.60	55.79 1.97 -21.59	60.23 2.38 -21.02	59.00 2.37 -22.42	65.13 2.15 -29.62	88.97 3.27 -38.16	75.37 3.81 -11.61	73.53 2.95 -18.88	55.21 2.57 -13.83	35.91 2.17 -1.97	83.88 2.20 -46.99	39.29 2.42 -0.02	43.91 2.59 -0.23	50.79 2.69 -5.57	103.12 2.46 -56.22	61.18 2.32 -10.72	49.52 2.07 -5.59	99.08 1.96 -66.09	61.98 1.97 -29.54
FRESHKLS_33_KV_LOAD 356253	28.24 1.96 0.00	28.16 2.19 0.00	20.97 1.63 0.00	21.67 1.62 0.00	24.96 1.88 0.00	32.53 2.18 0.00	41.03 2.03 -6.77	45.77 2.16 -6.78	44.95 2.17 -8.57	46.34 1.92 -11.05	48.70 2.80 1.63	50.93 3.44 12.46	51.61 2.67 2.75	45.47 2.20 -4.47	45.62 1.96 -11.89	43.09 1.96 -6.44	54.24 2.17 -15.22	45.85 2.20 -2.56	46.05 2.27 -1.26	46.65 2.20 0.00	50.23 2.09 0.00	47.33 1.83 -3.65	49.59 1.59 -16.98	36.00 1.71 -3.82
FULTON COGEN____ 23766	25.46 -0.65 0.17	23.41 -0.68 1.89	17.17 -0.49 1.67	17.85 -0.51 1.69	20.72 -0.57 1.79	28.12 -0.77 1.47	31.04 -0.81 0.38	34.91 -0.94 0.98	31.80 -0.95 1.46	32.25 -0.92 0.20	46.20 -1.34 0.00	58.15 -1.80 0.00	50.18 -1.51 0.00	37.62 -1.18 0.00	30.74 -1.03 0.00	33.63 -1.06 0.00	35.74 -1.12 0.00	39.99 -1.10 0.00	41.50 -1.02 0.00	43.39 -1.06 0.00	46.99 -1.16 0.00	40.75 -1.10 0.00	30.19 -0.83 0.00	29.69 -0.79 0.00
FULTON___LFGE 323630	27.66 1.38 0.00	27.33 1.36 0.00	20.34 1.01 0.00	21.09 1.04 0.00	24.29 1.21 0.00	31.98 1.63 0.00	34.04 1.82 0.00	38.95 2.12 0.00	36.26 2.05 0.00	35.04 1.67 0.00	49.79 2.25 0.00	62.94 2.99 0.00	54.56 2.87 0.00	40.87 2.06 0.00	33.00 1.23 0.00	36.19 1.50 0.00	38.47 1.62 0.00	42.64 1.55 0.00	44.34 1.82 0.00	46.74 2.30 0.00	50.88 2.74 0.00	44.12 2.27 0.00	32.56 1.54 0.00	31.88 1.40 0.00
G.F.CEMENT___DRP 24184	27.94 1.67 0.00	27.64 1.68 0.00	20.57 1.24 0.00	21.33 1.28 0.00	24.48 1.39 0.00	31.84 1.48 0.00	33.45 1.22 0.00	38.05 1.22 0.00	35.00 0.79 0.00	34.09 0.73 0.00	48.53 0.99 0.00	61.10 1.15 0.00	53.15 1.45 0.00	40.65 1.84 0.00	33.51 1.74 0.00	36.02 1.33 0.00	37.85 1.00 0.00	42.20 1.12 0.00	43.63 1.11 0.00	46.00 1.55 0.00	49.69 1.55 0.00	43.30 1.45 0.00	32.24 1.21 0.00	31.90 1.42 0.00
GARDENVILLE___LBMP 24039	24.89 -1.39 0.00	24.34 -1.63 0.00	18.12 -1.21 0.00	18.90 -1.15 0.00	21.81 -1.22 0.05	28.87 -1.49 0.00	30.73 -1.50 0.00	34.93 -1.90 0.00	32.66 -1.55 0.00	31.80 -1.57 0.00	44.96 -2.57 0.00	56.45 -3.50 0.00	49.07 -2.62 0.00	36.84 -1.97 0.00	29.76 -2.01 0.00	32.51 -2.18 0.00	34.23 -2.62 0.00	38.10 -2.99 0.00	40.00 -2.52 0.00	41.97 -2.48 0.00	45.86 -2.28 0.00	39.73 -2.12 0.00	29.52 -1.50 0.00	29.40 -1.07 0.00
GARDNVLA_35_KV_LD 355827	24.96 -1.32 0.00	24.40 -1.57 0.00	18.17 -1.16 0.00	18.94 -1.11 0.00	21.86 -1.19 0.04	28.94 -1.42 0.00	30.83 -1.39 0.00	35.03 -1.80 0.00	32.76 -1.45 0.00	31.90 -1.46 0.00	45.14 -2.40 0.00	56.66 -3.29 0.00	49.25 -2.44 0.00	36.98 -1.83 0.00	29.88 -1.89 0.00	32.62 -2.07 0.00	34.36 -2.49 0.00	38.26 -2.83 0.00	40.15 -2.37 0.00	42.12 -2.33 0.00	46.02 -2.12 0.00	39.88 -1.97 0.00	29.61 -1.41 0.00	29.47 -1.00 0.00
GELCKHM___115KV_LOAD 80723	25.90 -0.37 0.00	25.57 -0.40 0.00	19.04 -0.29 0.00	19.75 -0.30 0.00	22.75 -0.33 0.00	29.90 -0.45 0.00	31.76 -0.47 0.00	36.27 -0.57 0.00	33.69 -0.51 0.00	32.82 -0.54 0.00	46.72 -0.82 0.00	58.83 -1.12 0.00	50.80 -0.89 0.00	38.10 -0.71 0.00	31.15 -0.62 0.00	34.00 -0.69 0.00	36.20 -0.65 0.00	40.39 -0.70 0.00	41.93 -0.59 0.00	43.83 -0.62 0.00	47.47 -0.69 0.00	41.17 -0.68 0.00	30.53 -0.50 0.00	30.01 -0.47 0.00
GENERAL___MILLS 23808	24.93 -1.35 0.00	24.37 -1.60 0.00	18.14 -1.19 0.00	18.92 -1.13 0.00	21.83 -1.21 0.04	28.90 -1.46 0.00	30.79 -1.44 0.00	34.99 -1.84 0.00	32.72 -1.49 0.00	31.86 -1.51 0.00	45.06 -2.48 0.00	56.56 -3.39 0.00	49.16 -2.53 0.00	36.92 -1.89 0.00	29.82 -1.95 0.00	32.57 -2.12 0.00	34.29 -2.56 0.00	38.17 -2.92 0.00	40.07 -2.45 0.00	42.05 -2.40 0.00	45.93 -2.22 0.00	39.80 -2.05 0.00	29.56 -1.46 0.00	29.44 -1.04 0.00
GE_PLASTICS___DRP 24183	27.08 0.80 0.00	26.80 0.84 0.00	19.96 0.63 0.00	20.68 0.64 0.00	23.82 0.73 0.00	31.12 0.76 0.00	32.92 0.69 0.00	37.65 0.82 0.00	34.89 0.68 0.00	33.97 0.60 0.00	48.31 0.77 0.00	60.86 0.91 0.00	52.45 0.76 0.00	39.44 0.63 0.00	32.40 0.62 0.00	35.38 0.69 0.00	37.59 0.74 0.00	41.78 0.69 0.00	43.29 0.77 0.00	45.16 0.71 0.00	48.72 0.57 0.00	42.37 0.52 0.00	31.63 0.60 0.00	31.08 0.60 0.00
GILBOA___1 23756	27.11 0.83 0.00	26.95 0.98 0.00	20.07 0.74 0.00	20.79 0.74 0.00	23.94 0.85 0.00	31.18 0.82 0.00	32.90 0.68 0.00	37.65 0.82 0.00	35.00 0.79 0.00	34.06 0.70 0.00	48.52 0.99 0.00	61.15 1.20 0.00	52.67 0.97 0.00	39.59 0.78 0.00	32.48 0.71 0.00	35.44 0.75 0.00	37.68 0.83 0.00	41.91 0.82 0.00	43.34 0.82 0.00	45.20 0.76 0.00	48.83 0.68 0.00	42.50 0.66 0.00	31.67 0.65 0.00	31.15 0.67 0.00
GILBOA___2 23757	27.11 0.83 0.00	26.95 0.98 0.00	20.07 0.74 0.00	20.79 0.74 0.00	23.94 0.85 0.00	31.18 0.82 0.00	32.90 0.68 0.00	37.65 0.82 0.00	35.00 0.79 0.00	34.06 0.70 0.00	48.52 0.99 0.00	61.15 1.20 0.00	52.67 0.97 0.00	39.59 0.78 0.00	32.48 0.71 0.00	35.44 0.75 0.00	37.68 0.83 0.00	41.91 0.82 0.00	43.34 0.82 0.00	45.20 0.76 0.00	48.83 0.68 0.00	42.50 0.66 0.00	31.67 0.65 0.00	31.15 0.67 0.00
GILBOA___3 23758	27.11 0.83 0.00	26.95 0.98 0.00	20.07 0.74 0.00	20.79 0.74 0.00	23.94 0.85 0.00	31.18 0.82 0.00	32.90 0.68 0.00	37.65 0.82 0.00	35.00 0.79 0.00	34.06 0.70 0.00	48.52 0.99 0.00	61.15 1.20 0.00	52.67 0.97 0.00	39.59 0.78 0.00	32.48 0.71 0.00	35.44 0.75 0.00	37.68 0.83 0.00	41.91 0.82 0.00	43.34 0.82 0.00	45.20 0.76 0.00	48.83 0.68 0.00	42.50 0.66 0.00	31.67 0.65 0.00	31.15 0.67 0.00
GILBOA___4 23759	27.11 0.83 0.00	26.95 0.98 0.00	20.07 0.74 0.00	20.79 0.74 0.00	23.94 0.85 0.00	31.18 0.82 0.00	32.90 0.68 0.00	37.65 0.82 0.00	35.00 0.79 0.00	34.06 0.70 0.00	48.52 0.99 0.00	61.15 1.20 0.00	52.67 0.97 0.00	39.59 0.78 0.00	32.48 0.71 0.00	35.44 0.75 0.00	37.68 0.83 0.00	41.91 0.82 0.00	43.34 0.82 0.00	45.20 0.76 0.00	48.83 0.68 0.00	42.50 0.66 0.00	31.67 0.65 0.00	31.15 0.67 0.00

GILBOA____ 23599	27.11 0.83 0.00	26.95 0.98 0.00	20.07 0.74 0.00	20.79 0.74 0.00	23.94 0.85 0.00	31.17 0.82 0.00	32.90 0.68 0.00	37.65 0.82 0.00	35.00 0.79 0.00	34.06 0.70 0.00	48.52 0.98 0.00	61.15 1.21 0.00	52.67 0.97 0.00	39.59 0.78 0.00	32.48 0.71 0.00	35.44 0.75 0.00	37.68 0.82 0.00	41.91 0.82 0.00	43.34 0.82 0.00	45.20 0.76 0.00	48.83 0.68 0.00	42.50 0.66 0.00	31.67 0.65 0.00	31.15 0.67 0.00
GINNA____ 23603	24.44 -1.83 0.00	24.03 -1.94 0.00	17.88 -1.45 0.00	18.55 -1.49 0.00	21.42 -1.67 0.00	28.24 -2.11 0.00	30.10 -2.13 0.00	34.32 -2.51 0.00	31.91 -2.30 0.00	31.09 -2.28 0.00	44.09 -3.45 0.00	55.47 -4.48 0.00	48.10 -3.60 0.00	36.06 -2.75 0.00	29.28 -2.49 0.00	32.04 -2.65 0.00	34.06 -2.79 0.00	37.97 -3.11 0.00	39.60 -2.92 0.00	41.46 -2.99 0.00	45.06 -3.08 0.00	39.01 -2.84 0.00	28.89 -2.14 0.00	28.54 -1.94 0.00
GLEN PARK____ 23778	15.77 -1.26 9.25	-6.86 -1.24 31.59	-9.63 -0.94 28.02	-9.33 -0.98 28.39	-8.02 -1.11 30.00	2.41 -1.31 26.65	25.39 -1.30 5.54	22.38 -1.64 12.81	13.13 -2.08 18.99	28.40 -2.37 2.60	44.72 -2.82 0.00	58.03 -1.92 0.00	50.85 -0.85 0.00	36.72 -2.09 0.00	30.35 -1.42 0.00	33.77 -0.92 0.00	36.84 -0.01 0.00	41.14 0.05 0.00	43.06 0.54 0.00	45.49 1.04 0.00	49.12 0.98 0.00	42.34 0.49 0.00	31.13 0.11 0.00	30.22 -0.26 0.00
GLENDALE_27_KV_LOAD 356172	28.30 2.03 0.00	27.90 1.93 0.00	20.76 1.43 0.00	21.47 1.42 0.00	24.72 1.64 0.00	32.20 1.84 0.00	34.15 1.92 0.00	39.24 2.41 0.00	36.72 2.51 0.00	35.71 2.35 0.00	50.99 3.45 0.00	64.23 4.28 0.00	55.11 3.41 0.00	41.47 2.67 0.00	34.22 2.33 -0.12	37.13 2.44 0.00	39.58 2.69 -0.05	43.88 2.79 0.00	45.31 2.79 0.00	47.02 2.57 0.00	50.68 2.53 0.00	44.04 2.19 0.00	32.93 1.91 0.00	32.40 1.92 0.00
GLENWOOD_IC_1_G5 23712	54.68 2.02 -26.39	51.25 1.94 -23.33	28.31 1.45 -7.53	21.48 1.42 -0.01	29.03 1.66 -4.29	39.48 1.90 -7.23	52.40 1.95 -18.22	56.96 2.39 -17.74	55.56 2.42 -18.93	60.57 2.21 -25.00	83.31 3.23 -32.54	73.72 3.97 -9.80	73.33 3.25 -18.39	52.97 2.45 -11.71	35.47 2.12 -1.58	77.10 2.20 -40.21	39.26 2.39 -0.02	44.02 2.53 -0.41	52.27 2.58 -7.17	118.53 2.45 -71.63	62.55 2.37 -12.04	51.00 1.99 -7.16	92.54 1.84 -59.68	66.78 1.93 -34.37
GLENWOOD_IC_2_G1 23688	28.90 1.90 -0.73	28.43 1.82 -0.65	20.89 1.36 -0.21	21.38 1.34 0.00	24.76 1.56 -0.11	32.30 1.75 -0.19	34.54 1.80 -0.51	39.56 2.24 -0.49	37.01 2.27 -0.52	36.13 2.07 -0.70	51.56 3.10 -0.92	64.04 3.82 -0.27	55.32 3.01 -0.62	41.51 2.37 -0.33	33.88 2.07 -0.04	37.97 2.14 -1.13	39.18 2.32 0.00	43.56 2.45 -0.02	45.32 2.50 -0.30	49.84 2.36 -3.03	50.90 2.29 -0.46	44.08 1.92 -0.30	34.60 1.75 -1.83	33.62 1.79 -1.36
GLENWOOD_IC_3_G1 23689	28.90 1.90 -0.73	28.43 1.82 -0.65	20.89 1.36 -0.21	21.38 1.34 0.00	24.76 1.56 -0.11	32.30 1.75 -0.19	34.54 1.80 -0.51	39.56 2.24 -0.49	37.01 2.27 -0.52	36.13 2.07 -0.70	51.56 3.10 -0.92	64.04 3.82 -0.27	55.32 3.01 -0.62	41.51 2.37 -0.33	33.88 2.07 -0.04	37.97 2.14 -1.13	39.18 2.32 0.00	43.56 2.45 -0.02	45.32 2.50 -0.30	49.84 2.36 -3.03	50.90 2.29 -0.46	44.08 1.92 -0.30	34.60 1.75 -1.83	33.62 1.79 -1.36
GLENWOOD____4 23550	54.68 2.02 -26.39	51.25 1.94 -23.33	28.31 1.45 -7.53	21.48 1.42 -0.01	29.03 1.66 -4.29	39.48 1.90 -7.23	52.40 1.95 -18.22	56.96 2.39 -17.74	55.56 2.42 -18.93	60.57 2.21 -25.00	83.34 3.26 -32.54	73.77 4.02 -9.80	73.34 3.25 -18.39	53.00 2.49 -11.71	35.52 2.17 -1.58	77.15 2.25 -40.21	39.30 2.42 -0.02	44.07 2.58 -0.41	52.32 2.63 -7.17	118.58 2.51 -71.63	62.60 2.42 -12.04	51.05 2.04 -7.16	92.57 1.87 -59.68	66.78 1.93 -34.37
GLENWOOD____5 23614	54.68 2.02 -26.39	51.25 1.94 -23.33	28.31 1.45 -7.53	21.48 1.42 -0.01	29.03 1.66 -4.29	39.48 1.90 -7.23	52.40 1.95 -18.22	56.96 2.39 -17.74	55.56 2.42 -18.93	60.57 2.21 -25.00	83.34 3.26 -32.54	73.77 4.02 -9.80	73.34 3.25 -18.39	53.00 2.49 -11.71	35.52 2.17 -1.58	77.15 2.25 -40.21	39.30 2.42 -0.02	44.07 2.58 -0.41	52.32 2.63 -7.17	118.58 2.51 -71.63	62.60 2.42 -12.04	51.05 2.04 -7.16	92.57 1.87 -59.68	66.78 1.93 -34.37
GLOBAL GREEN_PORT_GT1 23814	33.03 1.85 -4.91	31.96 1.65 -4.34	21.94 1.23 -1.38	21.23 1.18 0.00	25.26 1.38 -0.79	33.20 1.50 -1.34	36.94 1.56 -3.16	41.86 1.91 -3.12	38.17 2.05 -1.91	39.92 1.90 -4.66	29.72 3.54 21.36	56.83 3.45 6.57	47.01 2.62 7.31	43.19 2.30 -2.07	33.99 2.01 -0.21	45.50 2.50 -8.30	40.68 3.81 -0.01	45.54 4.26 -0.18	50.53 4.65 -3.37	87.78 4.43 -38.91	56.26 2.55 -5.57	35.48 2.01 8.38	35.64 1.95 -2.67	49.48 1.90 -17.10
GLOBE____DSASP 323697	24.20 -2.08 0.00	23.78 -2.19 0.00	17.72 -1.61 0.00	18.42 -1.62 0.00	21.25 -1.80 0.03	28.07 -2.29 0.00	29.75 -2.48 0.00	33.66 -3.17 0.00	31.49 -2.71 0.00	30.73 -2.64 0.00	43.40 -4.13 0.00	54.44 -5.51 0.00	47.35 -4.34 0.00	35.60 -3.21 0.00	28.72 -3.05 0.00	31.36 -3.33 0.00	33.06 -3.79 0.00	36.73 -4.36 0.00	38.54 -3.99 0.00	40.44 -4.00 0.00	44.20 -3.94 0.00	38.31 -3.54 0.00	28.48 -2.55 0.00	28.52 -1.96 0.00
GOETHSLN____LBMP 323567	28.04 1.76 0.00	27.60 1.63 0.00	20.53 1.20 0.00	21.22 1.18 0.00	24.45 1.37 0.00	31.86 1.50 0.00	33.16 1.61 0.67	38.25 2.09 0.67	35.40 2.19 1.00	33.39 1.98 1.96	50.30 2.93 0.16	63.60 3.65 0.00	54.56 2.87 0.00	40.35 2.23 0.69	31.89 1.95 1.84	35.74 2.05 0.99	32.85 2.29 6.29	40.86 2.38 2.61	43.47 2.38 1.43	46.64 2.19 0.00	50.24 2.09 0.00	43.28 1.79 0.36	30.63 1.62 2.01	31.78 1.68 0.38
GOLAH____69_KV_TB 1_2 80279	25.52 -0.76 0.00	25.04 -0.93 0.00	18.62 -0.71 0.00	19.34 -0.70 0.00	22.34 -0.74 0.00	29.47 -0.89 0.00	31.43 -0.80 0.00	35.80 -1.03 0.00	33.31 -0.90 0.00	32.37 -0.99 0.00	45.81 -1.73 0.00	57.55 -2.40 0.00	49.97 -1.73 0.00	37.51 -1.30 0.00	30.44 -1.33 0.00	33.30 -1.39 0.00	35.35 -1.50 0.00	39.43 -1.66 0.00	41.24 -1.28 0.00	43.23 -1.22 0.00	47.04 -1.10 0.00	40.74 -1.12 0.00	30.18 -0.85 0.00	29.89 -0.59 0.00
GOODYEAR_LAKE_HYD 323669	27.08 0.80 0.00	26.80 0.83 0.00	19.95 0.62 0.00	20.69 0.64 0.00	23.84 0.76 0.00	31.23 0.88 0.00	33.27 1.05 0.00	38.10 1.27 0.00	35.40 1.19 0.00	34.52 1.16 0.00	49.27 1.74 0.00	62.01 2.06 0.00	53.59 1.89 0.00	40.23 1.42 0.00	32.79 1.01 0.00	35.91 1.22 0.00	38.18 1.33 0.00	42.54 1.45 0.00	44.13 1.61 0.00	46.05 1.61 0.00	49.86 1.71 0.00	43.27 1.42 0.00	32.06 1.03 0.00	31.44 0.97 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	26.38 0.10 0.00	26.03 0.06 0.00	19.39 0.06 0.00	20.12 0.07 0.00	23.20 0.12 0.00	30.45 0.09 0.00	32.32 0.10 0.00	37.01 0.18 0.00	34.43 0.22 0.00	33.53 0.16 0.00	47.64 0.10 0.00	59.93 -0.02 0.00	51.73 0.03 0.00	38.80 -0.01 0.00	31.72 -0.05 0.00	34.68 -0.01 0.00	36.78 -0.07 0.00	40.97 -0.12 0.00	42.58 0.06 0.00	44.51 0.07 0.00	48.26 0.11 0.00	41.92 0.07 0.00	31.14 0.12 0.00	30.67 0.20 0.00

GOUDEY___7 23579	26.38 0.10 0.00	26.03 0.06 0.00	19.39 0.06 0.00	20.12 0.07 0.00	23.20 0.12 0.00	30.45 0.09 0.00	32.32 0.10 0.00	37.01 0.18 0.00	34.43 0.22 0.00	33.53 0.16 0.00	47.64 0.10 0.00	59.93 -0.02 0.00	51.73 0.03 0.00	38.80 -0.01 0.00	31.72 -0.05 0.00	34.68 -0.01 0.00	36.78 -0.07 0.00	40.97 -0.12 0.00	42.58 0.06 0.00	44.51 0.07 0.00	48.26 0.11 0.00	41.92 0.07 0.00	31.14 0.12 0.00	30.67 0.20 0.00
GOUDEY___8 23580	26.38 0.10 0.00	26.03 0.06 0.00	19.39 0.06 0.00	20.12 0.07 0.00	23.20 0.12 0.00	30.45 0.09 0.00	32.32 0.10 0.00	37.01 0.18 0.00	34.43 0.22 0.00	33.53 0.16 0.00	47.64 0.10 0.00	59.93 -0.02 0.00	51.73 0.03 0.00	38.80 -0.01 0.00	31.72 -0.05 0.00	34.68 -0.01 0.00	36.78 -0.07 0.00	40.97 -0.12 0.00	42.58 0.06 0.00	44.51 0.07 0.00	48.26 0.11 0.00	41.92 0.07 0.00	31.14 0.12 0.00	30.67 0.20 0.00
GOWANUS_GT1_1 24077	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT1_2 24078	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT1_3 24079	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT1_4 24080	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT1_5 24084	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT1_6 24111	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT1_7 24112	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT1_8 24113	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT2_1 24114	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT2_2 24115	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT2_3 24116	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT2_4 24117	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT2_5 24118	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82

GOWANUS_GT2_6 24119	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT2_7 24120	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT2_8 24121	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT3_1 24122	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT3_2 24123	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT3_3 24124	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT3_4 24125	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT3_5 24126	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT3_6 24127	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT3_7 24128	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT3_8 24129	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
GOWANUS_GT4_1 24130	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT4_2 24131	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT4_3 24132	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT4_4 24133	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82

GOWANUS_GT4_5 24134	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT4_6 24135	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT4_7 24136	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GOWANUS_GT4_8 24137	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GREATVRV_69_KV_BK1 356245	35.13 2.40 -6.45	33.94 2.26 -5.70	22.86 1.69 -1.84	21.70 1.65 0.00	26.07 1.94 -1.05	34.36 2.23 -1.78	38.74 2.28 -4.24	43.71 2.72 -4.16	40.07 2.77 -3.09	42.00 2.53 -6.11	33.31 3.83 18.06	59.02 4.63 5.56	49.61 3.74 5.83	44.66 3.09 -2.76	34.65 2.57 -0.31	47.78 2.49 -10.60	39.73 2.87 -0.01	44.47 3.18 -0.19	49.44 3.40 -3.52	88.01 3.33 -40.24	57.19 3.12 -5.92	36.82 2.59 7.63	39.79 2.44 -6.32	50.84 2.41 -17.95
GREENBSH_115KV_TB3 55895	27.04 0.76 0.00	26.75 0.78 0.00	19.93 0.60 0.00	20.65 0.60 0.00	23.77 0.69 0.00	31.07 0.71 0.00	32.85 0.63 0.00	37.58 0.75 0.00	34.79 0.58 0.00	33.86 0.49 0.00	48.08 0.54 0.00	60.59 0.64 0.00	52.22 0.52 0.00	39.31 0.51 0.00	32.34 0.57 0.00	35.32 0.63 0.00	37.52 0.67 0.00	41.66 0.57 0.00	43.17 0.65 0.00	45.02 0.58 0.00	48.53 0.38 0.00	42.22 0.36 0.00	31.57 0.54 0.00	31.00 0.52 0.00
GREENDGE_115KV_TB5 80291	25.90 -0.38 0.00	25.46 -0.51 0.00	18.94 -0.39 0.00	19.67 -0.37 0.00	22.81 -0.33 -0.06	30.13 -0.23 0.00	32.18 -0.05 0.00	36.82 -0.01 0.00	34.16 -0.05 0.00	33.02 -0.34 0.00	46.48 -1.06 0.00	58.44 -1.51 0.00	50.51 -1.18 0.00	38.07 -0.74 0.00	31.03 -0.74 0.00	34.04 -0.65 0.00	36.28 -0.57 0.00	40.59 -0.50 0.00	42.34 -0.18 0.00	44.23 -0.21 0.00	47.91 -0.24 0.00	41.70 -0.15 0.00	30.88 -0.15 0.00	30.39 -0.09 0.00
GREENIDGE___3 23582	25.90 -0.38 0.00	25.46 -0.51 0.00	18.94 -0.39 0.00	19.67 -0.37 0.00	22.81 -0.33 -0.06	30.13 -0.23 0.00	32.18 -0.05 0.00	36.82 -0.01 0.00	34.16 -0.05 0.00	33.02 -0.34 0.00	46.48 -1.06 0.00	58.44 -1.51 0.00	50.51 -1.18 0.00	38.07 -0.74 0.00	31.03 -0.74 0.00	34.04 -0.65 0.00	36.28 -0.57 0.00	40.59 -0.50 0.00	42.34 -0.18 0.00	44.23 -0.21 0.00	47.91 -0.24 0.00	41.70 -0.15 0.00	30.88 -0.15 0.00	30.39 -0.09 0.00
GREENIDGE___4 23583	25.89 -0.38 0.00	25.45 -0.52 0.00	18.93 -0.40 0.00	19.67 -0.37 0.00	22.80 -0.34 -0.06	30.12 -0.24 0.00	32.18 -0.05 0.00	36.83 0.00 0.00	34.15 -0.06 0.00	33.02 -0.35 0.00	46.48 -1.06 0.00	58.47 -1.48 0.00	50.51 -1.18 0.00	38.07 -0.74 0.00	31.03 -0.74 0.00	34.04 -0.65 0.00	36.28 -0.57 0.00	40.60 -0.49 0.00	42.34 -0.18 0.00	44.23 -0.21 0.00	47.91 -0.24 0.00	41.70 -0.15 0.00	30.88 -0.15 0.00	30.39 -0.09 0.00
GREENLWN_69_KV_BK 3 55738	34.06 1.94 -5.84	33.01 1.87 -5.16	22.40 1.41 -1.66	21.40 1.36 0.00	25.65 1.62 -0.95	33.76 1.80 -1.61	37.82 1.78 -3.81	42.68 2.11 -3.74	38.96 2.13 -2.62	40.83 1.93 -5.54	31.06 2.99 19.46	57.56 3.60 5.99	48.07 2.81 6.43	43.65 2.35 -2.49	34.05 2.01 -0.27	46.39 2.00 -9.70	39.07 2.21 -0.01	43.67 2.40 -0.19	48.50 2.50 -3.48	86.79 2.39 -39.96	56.13 2.18 -5.81	35.71 1.80 7.95	37.69 1.80 -4.87	49.98 1.81 -17.69
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82
GRISSOM___SOLAR 323813	27.69 1.42 0.00	27.38 1.41 0.00	20.37 1.04 0.00	21.13 1.08 0.00	24.33 1.25 0.00	32.01 1.65 0.00	34.01 1.79 0.00	38.90 2.07 0.00	36.18 1.97 0.00	34.97 1.61 0.00	49.63 2.10 0.00	62.77 2.82 0.00	54.41 2.72 0.00	40.78 1.97 0.00	32.95 1.18 0.00	36.10 1.42 0.00	38.37 1.52 0.00	42.50 1.41 0.00	44.21 1.69 0.00	46.71 2.26 0.00	50.79 2.65 0.00	44.07 2.22 0.00	32.57 1.55 0.00	31.90 1.42 0.00
GROVEVILLE___HYD 323602	28.07 1.79 0.00	27.69 1.72 0.00	20.60 1.27 0.00	21.31 1.26 0.00	24.55 1.47 0.00	32.04 1.69 0.00	33.99 1.76 0.00	39.02 2.20 0.00	36.42 2.22 0.00	35.40 2.03 0.00	50.50 2.97 0.00	63.68 3.73 0.00	54.75 3.06 0.00	41.13 2.32 0.00	33.74 1.97 0.00	36.82 2.13 0.00	39.21 2.36 0.00	43.62 2.53 0.00	45.15 2.63 0.00	47.02 2.58 0.00	50.72 2.57 0.00	44.00 2.15 0.00	32.81 1.79 0.00	32.27 1.79 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.01 -0.27 0.00	25.67 -0.30 0.00	19.12 -0.21 0.00	19.84 -0.21 0.00	22.86 -0.22 0.00	30.05 -0.30 0.00	31.93 -0.29 0.00	36.47 -0.37 0.00	33.87 -0.34 0.00	32.99 -0.38 0.00	46.94 -0.60 0.00	59.08 -0.87 0.00	51.02 -0.67 0.00	38.25 -0.56 0.00	31.28 -0.49 0.00	34.16 -0.53 0.00	36.37 -0.48 0.00	40.61 -0.48 0.00	42.17 -0.35 0.00	44.08 -0.37 0.00	47.72 -0.43 0.00	41.40 -0.45 0.00	30.68 -0.35 0.00	30.14 -0.34 0.00
HAMLTNNY_34_KV_TB 80303	25.96 -0.31 0.00	25.62 -0.35 0.00	19.08 -0.25 0.00	19.80 -0.25 0.00	22.82 -0.26 0.00	30.02 -0.34 0.00	31.91 -0.32 0.00	36.40 -0.43 0.00	33.86 -0.35 0.00	32.94 -0.42 0.00	46.80 -0.74 0.00	58.86 -1.09 0.00	50.79 -0.90 0.00	38.13 -0.68 0.00	31.13 -0.64 0.00	34.04 -0.65 0.00	36.22 -0.63 0.00	40.45 -0.64 0.00	42.06 -0.46 0.00	44.00 -0.45 0.00	47.68 -0.47 0.00	41.37 -0.48 0.00	30.65 -0.37 0.00	30.14 -0.34 0.00

HAMPSHIRE___PAPER_HYD 323593	2.03 -1.57 22.68	-21.44 -1.42 45.98	-22.67 -1.06 40.94	-22.53 -1.11 41.47	-21.91 -1.25 43.74	-12.81 -1.51 41.65	23.70 -1.53 6.99	21.54 -1.76 13.53	12.33 -1.82 20.06	28.70 -1.92 2.74	45.04 -2.50 0.00	57.63 -2.32 0.00	50.16 -1.54 0.00	37.01 -1.80 0.00	30.41 -1.36 0.00	33.46 -1.23 0.00	35.96 -0.89 0.00	40.23 -0.86 0.00	41.79 -0.73 0.00	44.05 -0.39 0.00	47.84 -0.31 0.00	41.48 -0.36 0.00	30.48 -0.54 0.00	29.64 -0.83 0.00
HARDSCRABBLE_WT_PWR 323673	28.09 -0.40 -2.21	30.34 -0.38 -4.75	23.33 -0.23 -4.23	24.09 -0.24 -4.29	27.30 -0.30 -4.52	34.10 -0.52 -4.26	32.27 -0.70 -0.74	37.59 -0.72 -1.48	35.66 -0.77 -2.22	32.73 -0.94 -0.30	46.18 -1.35 0.00	58.31 -1.64 0.00	50.22 -1.48 0.00	37.71 -1.10 0.00	30.88 -0.89 0.00	33.68 -1.01 0.00	35.76 -1.09 0.00	40.78 -0.31 0.00	42.36 -0.16 0.00	44.24 -0.21 0.00	48.09 -0.05 0.00	41.67 -0.18 0.00	31.10 0.08 0.00	30.43 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	27.92 1.64 0.00	27.51 1.54 0.00	20.46 1.13 0.00	21.17 1.12 0.00	24.38 1.30 0.00	31.85 1.49 0.00	33.81 1.58 0.00	38.79 1.96 0.00	36.25 2.04 0.00	35.23 1.87 0.00	50.27 2.73 0.00	63.36 3.41 0.00	54.51 2.81 0.00	40.91 2.10 0.00	33.59 1.82 0.00	36.66 1.97 0.00	39.08 2.23 0.00	43.45 2.36 0.00	44.94 2.42 0.00	46.80 2.35 0.00	50.47 2.32 0.00	43.75 1.91 0.00	32.64 1.62 0.00	32.10 1.62 0.00
HARSNRAD_115KV_TB1 81005	24.58 -1.70 0.00	23.99 -1.99 0.00	17.85 -1.47 0.00	18.58 -1.46 0.00	21.46 -1.59 0.03	28.37 -1.98 0.00	30.25 -1.98 0.00	34.29 -2.54 0.00	32.05 -2.16 0.00	31.20 -2.16 0.00	44.10 -3.43 0.00	55.29 -4.66 0.00	48.11 -3.59 0.00	36.14 -2.67 0.00	29.18 -2.59 0.00	31.87 -2.82 0.00	33.61 -3.25 0.00	37.39 -3.70 0.00	39.27 -3.25 0.00	41.22 -3.22 0.00	45.06 -3.09 0.00	39.04 -2.81 0.00	29.00 -2.02 0.00	29.01 -1.47 0.00
HARZA MOOSE___RIVER 24016	21.50 -0.59 4.19	21.46 -0.42 4.09	15.33 -0.32 3.68	15.97 -0.35 3.73	18.76 -0.41 3.91	25.40 -0.57 4.38	31.25 -0.60 0.37	36.14 -0.70 0.00	33.38 -0.83 0.00	32.45 -0.92 0.00	46.47 -1.07 0.00	59.32 -0.63 0.00	51.59 -0.10 0.00	38.13 -0.68 0.00	31.42 -0.35 0.00	34.56 -0.13 0.00	37.22 0.37 0.00	41.60 0.51 0.00	43.23 0.71 0.00	45.38 0.93 0.00	49.08 0.93 0.00	42.48 0.63 0.00	31.37 0.34 0.00	30.54 0.06 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	25.98 -0.30 0.00	25.63 -0.34 0.00	19.08 -0.24 0.00	19.79 -0.25 0.00	22.81 -0.27 0.00	29.97 -0.38 0.00	31.83 -0.40 0.00	36.37 -0.46 0.00	33.79 -0.42 0.00	32.94 -0.42 0.00	46.87 -0.66 0.00	59.03 -0.92 0.00	50.97 -0.72 0.00	38.25 -0.56 0.00	31.26 -0.51 0.00	34.11 -0.58 0.00	36.31 -0.54 0.00	40.49 -0.60 0.00	42.02 -0.50 0.00	43.92 -0.53 0.00	47.56 -0.59 0.00	41.26 -0.59 0.00	30.60 -0.43 0.00	30.10 -0.38 0.00
HELLGATE_13_KV_LD 55870	28.35 2.07 0.00	27.95 1.98 0.00	20.79 1.46 0.00	21.50 1.46 0.00	24.76 1.67 0.00	32.24 1.89 0.00	34.18 1.95 0.00	39.29 2.46 0.00	36.77 2.57 0.00	35.75 2.39 0.00	51.05 3.51 0.00	64.34 4.39 0.00	55.18 3.48 0.00	41.53 2.72 0.00	34.29 2.39 -0.12	37.17 2.48 0.00	39.63 2.74 -0.05	43.92 2.83 0.00	45.35 2.83 0.00	47.05 2.60 0.00	50.69 2.55 0.00	44.07 2.22 0.00	32.98 1.95 0.00	32.44 1.96 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.35 2.07 0.00	27.95 1.98 0.00	20.79 1.46 0.00	21.50 1.46 0.00	24.76 1.67 0.00	32.24 1.89 0.00	34.18 1.95 0.00	39.29 2.46 0.00	36.77 2.57 0.00	35.75 2.39 0.00	51.05 3.51 0.00	64.34 4.39 0.00	55.18 3.48 0.00	41.53 2.72 0.00	34.29 2.39 -0.12	37.17 2.48 0.00	39.63 2.74 -0.05	43.92 2.83 0.00	45.35 2.83 0.00	47.05 2.60 0.00	50.69 2.55 0.00	44.07 2.22 0.00	32.98 1.95 0.00	32.44 1.96 0.00
HEMPSTEAD____ 23647	54.06 1.91 -25.87	50.61 1.84 -22.79	28.29 1.39 -7.57	21.41 1.35 -0.01	29.04 1.58 -4.37	39.53 1.78 -7.39	51.70 1.82 -17.66	56.22 2.19 -17.20	54.41 2.21 -17.99	59.67 2.00 -24.31	75.03 3.04 -24.46	70.97 3.63 -7.39	68.21 2.84 -13.68	52.48 2.34 -11.33	35.36 2.01 -1.57	76.49 2.06 -39.75	39.11 2.23 -0.02	43.77 2.37 -0.31	50.94 2.43 -5.99	108.27 2.28 -61.54	61.04 2.14 -10.76	46.53 1.81 -2.87	86.15 1.76 -53.37	62.70 1.79 -30.43
HICKLING___1 23621	25.98 -0.30 0.00	25.54 -0.43 0.00	19.01 -0.32 0.00	19.76 -0.29 0.00	22.86 -0.24 -0.02	30.23 -0.13 0.00	32.24 0.02 0.00	36.96 0.13 0.00	34.38 0.17 0.00	33.25 -0.12 0.00	46.98 -0.56 0.00	59.11 -0.84 0.00	51.16 -0.53 0.00	38.40 -0.41 0.00	31.33 -0.44 0.00	34.40 -0.29 0.00	36.41 -0.44 0.00	40.58 -0.51 0.00	42.35 -0.17 0.00	44.28 -0.17 0.00	48.23 0.08 0.00	41.89 0.04 0.00	31.06 0.03 0.00	30.61 0.13 0.00
HICKLING___2 23622	25.98 -0.30 0.00	25.54 -0.43 0.00	19.01 -0.32 0.00	19.76 -0.29 0.00	22.86 -0.24 -0.02	30.23 -0.13 0.00	32.24 0.02 0.00	36.96 0.13 0.00	34.38 0.17 0.00	33.25 -0.12 0.00	46.98 -0.56 0.00	59.11 -0.84 0.00	51.16 -0.53 0.00	38.40 -0.41 0.00	31.33 -0.44 0.00	34.40 -0.29 0.00	36.41 -0.44 0.00	40.58 -0.51 0.00	42.35 -0.17 0.00	44.28 -0.17 0.00	48.23 0.08 0.00	41.89 0.04 0.00	31.06 0.03 0.00	30.61 0.13 0.00
HIGH FALLS___HY 23754	28.10 1.82 0.00	27.71 1.74 0.00	20.60 1.27 0.00	21.31 1.27 0.00	24.56 1.48 0.00	32.07 1.72 0.00	34.07 1.84 0.00	39.10 2.27 0.00	36.53 2.32 0.00	35.47 2.10 0.00	50.65 3.11 0.00	63.93 3.98 0.00	54.88 3.19 0.00	41.22 2.42 0.00	33.78 2.01 0.00	36.84 2.15 0.00	39.32 2.47 0.00	43.83 2.75 0.00	45.36 2.84 0.00	47.24 2.79 0.00	50.99 2.84 0.00	44.17 2.32 0.00	32.90 1.88 0.00	32.34 1.87 0.00
HIGH_RIVER___SOLAR 323847	27.42 1.14 0.00	27.11 1.14 0.00	20.18 0.85 0.00	20.92 0.87 0.00	24.09 1.00 0.00	31.56 1.21 0.00	33.44 1.22 0.00	38.19 1.36 0.00	35.42 1.21 0.00	34.31 0.95 0.00	48.84 1.30 0.00	61.76 1.81 0.00	53.33 1.63 0.00	40.09 1.28 0.00	32.58 0.81 0.00	35.71 1.01 0.00	37.88 1.02 0.00	41.95 0.86 0.00	43.65 1.13 0.00	45.98 1.54 0.00	49.84 1.69 0.00	43.31 1.46 0.00	32.13 1.11 0.00	31.55 1.07 0.00
HILLBURN___GT 23639	27.91 1.64 0.00	27.50 1.53 0.00	20.46 1.13 0.00	21.16 1.11 0.00	24.37 1.29 0.00	31.82 1.46 0.00	33.78 1.55 0.00	38.75 1.92 0.00	36.23 2.02 0.00	35.20 1.84 0.00	50.26 2.72 0.00	63.33 3.38 0.00	54.46 2.76 0.00	40.89 2.08 0.00	33.58 1.82 0.00	36.62 1.93 0.00	39.05 2.20 0.00	43.40 2.31 0.00	44.87 2.35 0.00	46.70 2.25 0.00	50.35 2.20 0.00	43.65 1.80 0.00	32.60 1.58 0.00	32.08 1.60 0.00
HILLSIDE_115KV_TB1 80332	25.89 -0.39 0.00	25.49 -0.48 0.00	18.99 -0.34 0.00	19.73 -0.31 0.00	22.80 -0.30 -0.02	30.01 -0.34 0.00	31.91 -0.32 0.00	36.59 -0.24 0.00	34.00 -0.21 0.00	32.99 -0.37 0.00	46.68 -0.86 0.00	58.74 -1.21 0.00	50.72 -0.97 0.00	38.04 -0.77 0.00	31.09 -0.68 0.00	34.02 -0.68 0.00	35.98 -0.88 0.00	40.05 -1.04 0.00	41.74 -0.78 0.00	43.66 -0.78 0.00	47.46 -0.68 0.00	41.27 -0.58 0.00	30.64 -0.38 0.00	30.22 -0.26 0.00

HISHELDN_WT_PWR 323625	24.80 -1.47 0.00	24.26 -1.71 0.00	18.05 -1.29 0.00	18.87 -1.18 0.00	21.70 -1.27 0.11	28.98 -1.38 0.00	30.94 -1.29 0.00	35.16 -1.67 0.00	32.67 -1.54 0.00	31.69 -1.68 0.00	44.82 -2.72 0.00	56.33 -3.62 0.00	48.98 -2.72 0.00	36.75 -2.06 0.00	29.77 -2.00 0.00	32.61 -2.08 0.00	34.33 -2.53 0.00	38.30 -2.79 0.00	40.23 -2.29 0.00	42.18 -2.27 0.00	46.11 -2.04 0.00	40.01 -1.84 0.00	29.68 -1.34 0.00	29.46 -1.02 0.00
HOLTSVILLE_IC_1 23690	33.18 2.09 -4.81	32.18 1.95 -4.25	22.15 1.47 -1.36	21.48 1.44 0.00	25.53 1.67 -0.78	33.53 1.86 -1.31	37.19 1.86 -3.09	42.10 2.22 -3.05	38.34 2.30 -1.84	40.02 2.09 -4.57	29.27 3.29 21.56	57.11 3.79 6.63	47.28 2.98 7.39	43.43 2.58 -2.03	34.13 2.16 -0.20	44.96 2.11 -8.16	39.28 2.41 -0.01	43.95 2.68 -0.18	48.76 2.89 -3.35	85.99 2.72 -38.82	56.08 2.38 -5.55	35.41 1.99 8.43	35.52 2.05 -2.44	49.59 2.06 -17.05
HOLTSVILLE_IC_10 23699	33.70 2.22 -5.20	32.64 2.07 -4.60	22.34 1.55 -1.47	21.57 1.52 0.00	25.70 1.77 -0.84	33.78 2.00 -1.42	37.62 2.03 -3.36	42.56 2.41 -3.31	38.83 2.49 -2.13	40.59 2.29 -4.93	30.38 3.58 20.74	57.71 4.14 6.38	47.98 3.32 7.03	43.87 2.85 -2.20	34.36 2.36 -0.23	45.73 2.30 -8.73	39.48 2.62 -0.01	44.23 2.96 -0.19	49.11 3.19 -3.40	86.65 3.04 -39.17	56.50 2.72 -5.64	35.88 2.27 8.24	36.62 2.23 -3.36	49.96 2.22 -17.26
HOLTSVILLE_IC_2 23691	33.18 2.09 -4.81	32.18 1.95 -4.25	22.15 1.47 -1.36	21.48 1.44 0.00	25.53 1.67 -0.78	33.53 1.86 -1.31	37.19 1.86 -3.09	42.10 2.22 -3.05	38.34 2.30 -1.84	40.02 2.09 -4.57	29.27 3.29 21.56	57.11 3.79 6.63	47.28 2.98 7.39	43.43 2.58 -2.03	34.13 2.16 -0.20	44.96 2.11 -8.16	39.28 2.41 -0.01	43.95 2.68 -0.18	48.76 2.89 -3.35	85.99 2.72 -38.82	56.08 2.38 -5.55	35.41 1.99 8.43	35.52 2.05 -2.44	49.59 2.06 -17.05
HOLTSVILLE_IC_3 23692	33.18 2.09 -4.81	32.18 1.95 -4.25	22.15 1.47 -1.36	21.48 1.44 0.00	25.53 1.67 -0.78	33.53 1.86 -1.31	37.19 1.86 -3.09	42.10 2.22 -3.05	38.34 2.30 -1.84	40.02 2.09 -4.57	29.27 3.29 21.56	57.11 3.79 6.63	47.28 2.98 7.39	43.43 2.58 -2.03	34.13 2.16 -0.20	44.96 2.11 -8.16	39.28 2.41 -0.01	43.95 2.68 -0.18	48.76 2.89 -3.35	85.99 2.72 -38.82	56.08 2.38 -5.55	35.41 1.99 8.43	35.52 2.05 -2.44	49.59 2.06 -17.05
HOLTSVILLE_IC_4 23693	33.18 2.09 -4.81	32.18 1.95 -4.25	22.15 1.47 -1.36	21.48 1.44 0.00	25.53 1.67 -0.78	33.53 1.86 -1.31	37.19 1.86 -3.09	42.10 2.22 -3.05	38.34 2.30 -1.84	40.02 2.09 -4.57	29.27 3.29 21.56	57.11 3.79 6.63	47.28 2.98 7.39	43.43 2.58 -2.03	34.13 2.16 -0.20	44.96 2.11 -8.16	39.28 2.41 -0.01	43.95 2.68 -0.18	48.76 2.89 -3.35	85.99 2.72 -38.82	56.08 2.38 -5.55	35.41 1.99 8.43	35.52 2.05 -2.44	49.59 2.06 -17.05
HOLTSVILLE_IC_5 23694	33.18 2.09 -4.81	32.18 1.95 -4.25	22.15 1.47 -1.36	21.48 1.44 0.00	25.53 1.67 -0.78	33.53 1.86 -1.31	37.19 1.86 -3.09	42.10 2.22 -3.05	38.34 2.30 -1.84	40.02 2.09 -4.57	29.27 3.29 21.56	57.11 3.79 6.63	47.28 2.98 7.39	43.43 2.58 -2.03	34.13 2.16 -0.20	44.96 2.11 -8.16	39.28 2.41 -0.01	43.95 2.68 -0.18	48.76 2.89 -3.35	85.99 2.72 -38.82	56.08 2.38 -5.55	35.41 1.99 8.43	35.52 2.05 -2.44	49.59 2.06 -17.05
HOLTSVILLE_IC_6 23695	33.70 2.22 -5.20	32.64 2.07 -4.60	22.34 1.55 -1.47	21.57 1.52 0.00	25.70 1.77 -0.84	33.78 2.00 -1.42	37.62 2.03 -3.36	42.56 2.41 -3.31	38.83 2.49 -2.13	40.59 2.29 -4.93	30.38 3.58 20.74	57.71 4.14 6.38	47.98 3.32 7.03	43.87 2.85 -2.20	34.36 2.36 -0.23	45.73 2.30 -8.73	39.48 2.62 -0.01	44.23 2.96 -0.19	49.11 3.19 -3.40	86.65 3.04 -39.17	56.50 2.72 -5.64	35.88 2.27 8.24	36.62 2.23 -3.36	49.96 2.22 -17.26
HOLTSVILLE_IC_7 23696	33.70 2.22 -5.20	32.64 2.07 -4.60	22.34 1.55 -1.47	21.57 1.52 0.00	25.70 1.77 -0.84	33.78 2.00 -1.42	37.62 2.03 -3.36	42.56 2.41 -3.31	38.83 2.49 -2.13	40.59 2.29 -4.93	30.38 3.58 20.74	57.71 4.14 6.38	47.98 3.32 7.03	43.87 2.85 -2.20	34.36 2.36 -0.23	45.73 2.30 -8.73	39.48 2.62 -0.01	44.23 2.96 -0.19	49.11 3.19 -3.40	86.65 3.04 -39.17	56.50 2.72 -5.64	35.88 2.27 8.24	36.62 2.23 -3.36	49.96 2.22 -17.26
HOLTSVILLE_IC_8 23697	33.70 2.22 -5.20	32.64 2.07 -4.60	22.34 1.55 -1.47	21.57 1.52 0.00	25.70 1.77 -0.84	33.78 2.00 -1.42	37.62 2.03 -3.36	42.56 2.41 -3.31	38.83 2.49 -2.13	40.59 2.29 -4.93	30.38 3.58 20.74	57.71 4.14 6.38	47.98 3.32 7.03	43.87 2.85 -2.20	34.36 2.36 -0.23	45.73 2.30 -8.73	39.48 2.62 -0.01	44.23 2.96 -0.19	49.11 3.19 -3.40	86.65 3.04 -39.17	56.50 2.72 -5.64	35.88 2.27 8.24	36.62 2.23 -3.36	49.96 2.22 -17.26
HOLTSVILLE_IC_9 23698	33.70 2.22 -5.20	32.64 2.07 -4.60	22.34 1.55 -1.47	21.57 1.52 0.00	25.70 1.77 -0.84	33.78 2.00 -1.42	37.62 2.03 -3.36	42.56 2.41 -3.31	38.83 2.49 -2.13	40.59 2.29 -4.93	30.38 3.58 20.74	57.71 4.14 6.38	47.98 3.32 7.03	43.87 2.85 -2.20	34.36 2.36 -0.23	45.73 2.30 -8.73	39.48 2.62 -0.01	44.23 2.96 -0.19	49.11 3.19 -3.40	86.65 3.04 -39.17	56.50 2.72 -5.64	35.88 2.27 8.24	36.62 2.23 -3.36	49.96 2.22 -17.26
HOMER_HL_115KV_TB2 355744	25.71 -0.57 0.00	25.24 -0.74 0.00	18.81 -0.51 0.00	19.61 -0.44 0.00	22.71 -0.36 0.01	29.86 -0.50 0.00	31.59 -0.64 0.00	36.16 -0.67 0.00	33.88 -0.33 0.00	32.96 -0.41 0.00	46.72 -0.82 0.00	58.67 -1.28 0.00	50.81 -0.89 0.00	37.95 -0.86 0.00	30.75 -1.02 0.00	33.47 -1.22 0.00	34.97 -1.89 0.00	38.90 -2.19 0.00	40.83 -1.69 0.00	42.92 -1.53 0.00	46.88 -1.27 0.00	40.64 -1.21 0.00	30.29 -0.73 0.00	30.11 -0.36 0.00
HOWARD_WT_PWR 323690	24.93 -1.34 0.00	24.40 -1.57 0.00	18.05 -1.28 0.00	18.78 -1.27 0.00	22.21 -1.00 -0.12	29.91 -0.44 0.00	32.21 -0.01 0.00	36.74 -0.09 0.00	33.90 -0.31 0.00	32.58 -0.79 0.00	45.79 -1.75 0.00	57.50 -2.45 0.00	49.94 -1.75 0.00	37.49 -1.32 0.00	30.58 -1.19 0.00	33.75 -0.94 0.00	35.69 -1.16 0.00	39.86 -1.23 0.00	41.91 -0.62 0.00	43.83 -0.62 0.00	47.94 -0.21 0.00	41.71 -0.14 0.00	30.87 -0.15 0.00	30.29 -0.19 0.00
HQ_GEN_CEDARS 23644	-11.49 -0.68 37.09	-17.62 -0.63 42.96	-19.64 -0.46 38.51	-19.41 -0.46 39.00	-18.38 -0.50 40.97	-13.93 -0.43 43.86	27.25 -0.31 4.67	32.67 -0.35 3.81	28.25 -0.31 5.66	32.33 -0.26 0.77	47.20 -0.34 0.00	59.73 -0.22 0.00	51.52 -0.18 0.00	38.58 -0.23 0.00	31.47 -0.30 0.00	34.41 -0.28 0.00	36.49 -0.37 0.00	40.68 -0.40 0.00	42.15 -0.37 0.00	44.33 -0.12 0.00	48.32 0.17 0.00	42.15 0.29 0.00	30.96 -0.07 0.00	30.27 -0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	-11.49 -0.68 37.09	-17.62 -0.63 42.96	-19.64 -0.46 38.51	-19.41 -0.46 39.00	-18.38 -0.50 40.97	-13.94 -0.43 43.86	27.24 -0.31 4.67	32.66 -0.35 3.81	28.24 -0.31 5.66	32.33 -0.26 0.77	47.20 -0.34 0.00	59.73 -0.22 0.00	51.51 -0.18 0.00	38.58 -0.23 0.00	31.47 -0.30 0.00	34.41 -0.28 0.00	36.49 -0.37 0.00	40.68 -0.40 0.00	42.15 -0.37 0.00	44.33 -0.12 0.00	48.32 0.17 0.00	42.15 0.30 0.00	30.96 -0.07 0.00	30.27 -0.21 0.00

HQ_GEN_IMPORT 323601	21.52 -0.28 4.48	19.82 -0.27 5.89	13.86 -0.21 5.27	14.51 -0.20 5.33	17.25 -0.23 5.61	24.42 -0.12 5.82	31.48 -0.04 0.71	35.92 -0.05 0.86	32.89 -0.05 1.27	33.22 0.03 0.17	47.62 0.08 0.00	59.75 0.15 0.34	51.81 0.12 0.00	38.88 0.08 0.00	31.79 0.02 0.00	34.72 0.03 0.00	36.83 -0.03 0.00	41.11 0.02 0.00	42.46 -0.06 0.00	44.46 0.01 0.00	48.31 0.17 0.00	42.03 0.18 0.00	31.00 -0.02 0.00	30.41 -0.06 0.00
HQ_GEN_WHEEL 23651	21.52 -0.28 4.48	19.82 -0.27 5.89	13.86 -0.21 5.27	14.51 -0.20 5.33	17.25 -0.23 5.61	24.42 -0.12 5.82	31.48 -0.04 0.71	35.92 -0.05 0.86	32.89 -0.05 1.27	33.22 0.03 0.17	47.62 0.08 0.00	59.75 0.15 0.34	51.81 0.12 0.00	38.88 0.08 0.00	31.79 0.02 0.00	34.72 0.03 0.00	36.83 -0.03 0.00	41.11 0.02 0.00	42.46 -0.06 0.00	44.46 0.01 0.00	48.31 0.17 0.00	42.03 0.18 0.00	31.00 -0.02 0.00	30.41 -0.06 0.00
HUDSON AVE_GT_3 23810	28.20 1.92 0.00	27.79 1.82 0.00	20.67 1.34 0.00	21.37 1.32 0.00	24.62 1.53 0.00	32.08 1.73 0.00	34.04 1.81 0.00	39.13 2.30 0.00	36.60 2.39 0.00	35.54 2.18 0.00	50.73 3.19 0.00	63.96 4.01 0.00	54.86 3.17 0.00	41.27 2.46 0.00	33.91 2.14 0.00	36.94 2.25 0.00	39.34 2.48 0.00	43.68 2.59 0.00	45.12 2.60 0.00	46.88 2.44 0.00	50.52 2.38 0.00	43.89 2.03 0.00	32.81 1.79 0.00	32.32 1.84 0.00
HUDSON AVE_GT_4 23540	28.20 1.92 0.00	27.79 1.82 0.00	20.67 1.34 0.00	21.37 1.32 0.00	24.62 1.53 0.00	32.08 1.73 0.00	34.04 1.81 0.00	39.13 2.30 0.00	36.60 2.39 0.00	35.54 2.18 0.00	50.73 3.19 0.00	63.96 4.01 0.00	54.86 3.17 0.00	41.27 2.46 0.00	33.91 2.14 0.00	36.94 2.25 0.00	39.34 2.48 0.00	43.68 2.59 0.00	45.12 2.60 0.00	46.88 2.44 0.00	50.52 2.38 0.00	43.89 2.03 0.00	32.81 1.79 0.00	32.32 1.84 0.00
HUDSON AVE_GT_5 23657	28.20 1.92 0.00	27.79 1.82 0.00	20.67 1.34 0.00	21.37 1.32 0.00	24.62 1.53 0.00	32.08 1.73 0.00	34.04 1.81 0.00	39.13 2.30 0.00	36.60 2.39 0.00	35.54 2.18 0.00	50.73 3.19 0.00	63.96 4.01 0.00	54.86 3.17 0.00	41.27 2.46 0.00	33.91 2.14 0.00	36.94 2.25 0.00	39.34 2.48 0.00	43.68 2.59 0.00	45.12 2.60 0.00	46.88 2.44 0.00	50.52 2.38 0.00	43.89 2.03 0.00	32.81 1.79 0.00	32.32 1.84 0.00
HUDSON_AVE_10 24168	28.12 1.84 0.00	27.74 1.77 0.00	20.63 1.30 0.00	21.32 1.28 0.00	24.57 1.49 0.00	31.97 1.62 0.00	33.99 1.66 -0.10	39.04 2.12 -0.08	37.57 2.21 -1.16	35.37 2.01 0.00	62.96 2.96 -12.46	69.70 3.75 -6.00	60.65 2.87 -6.08	41.14 2.26 -0.06	33.76 1.99 0.00	36.79 2.10 0.00	39.18 2.33 0.00	43.53 2.40 -0.04	45.43 2.40 -0.51	47.86 2.24 -1.18	50.34 2.20 0.00	52.23 1.86 -8.52	41.45 1.64 -8.78	32.25 1.72 -0.05
HUDSON___115KV_TB 4 355613	27.46 1.18 0.00	27.16 1.19 0.00	20.23 0.91 0.00	20.97 0.92 0.00	24.14 1.06 0.00	31.59 1.23 0.00	33.48 1.25 0.00	38.32 1.49 0.00	35.45 1.24 0.00	34.49 1.12 0.00	48.68 1.14 0.00	61.41 1.46 0.00	53.18 1.48 0.00	39.88 1.07 0.00	32.68 0.91 0.00	35.75 1.06 0.00	37.98 1.12 0.00	42.13 1.03 0.00	43.98 1.45 0.00	45.98 1.54 0.00	49.61 1.46 0.00	43.11 1.26 0.00	32.14 1.11 0.00	31.49 1.02 0.00
HUNTER MOUNT___DRP 323613	27.51 1.23 0.00	27.23 1.26 0.00	20.29 0.96 0.00	21.03 0.98 0.00	24.21 1.13 0.00	31.69 1.33 0.00	33.60 1.37 0.00	38.46 1.64 0.00	35.56 1.35 0.00	34.60 1.24 0.00	48.85 1.31 0.00	61.61 1.66 0.00	53.37 1.68 0.00	39.99 1.18 0.00	32.81 1.04 0.00	35.90 1.21 0.00	38.11 1.26 0.00	42.24 1.16 0.00	44.12 1.60 0.00	46.15 1.70 0.00	49.80 1.66 0.00	43.27 1.42 0.00	32.23 1.20 0.00	31.57 1.10 0.00
HUNTINGTON_RES_REC 323705	33.57 2.06 -5.24	32.54 1.93 -4.63	22.26 1.45 -1.48	21.45 1.41 0.00	25.59 1.66 -0.85	33.65 1.86 -1.44	37.47 1.86 -3.39	42.38 2.22 -3.34	38.64 2.27 -2.17	40.41 2.07 -4.97	30.16 3.24 20.61	57.41 3.80 6.34	47.74 3.00 6.95	43.59 2.56 -2.22	34.15 2.15 -0.23	45.56 2.08 -8.80	39.22 2.36 -0.01	43.93 2.65 -0.19	48.76 2.83 -3.42	86.47 2.68 -39.34	56.23 2.42 -5.66	35.66 2.00 8.19	36.51 1.99 -3.49	49.78 1.98 -17.33
HUNTLEY___63 23557	24.75 -1.53 0.00	24.21 -1.76 0.00	18.02 -1.31 0.00	18.76 -1.29 0.00	21.66 -1.39 0.03	28.65 -1.71 0.00	30.48 -1.75 0.00	34.58 -2.25 0.00	32.32 -1.89 0.00	31.51 -1.85 0.00	44.57 -2.97 0.00	55.89 -4.06 0.00	48.60 -3.09 0.00	36.50 -2.31 0.00	29.47 -2.30 0.00	32.19 -2.50 0.00	33.90 -2.95 0.00	37.74 -3.35 0.00	39.63 -2.90 0.00	41.61 -2.84 0.00	45.45 -2.70 0.00	39.37 -2.48 0.00	29.25 -1.77 0.00	29.22 -1.26 0.00
HUNTLEY___64 23558	24.75 -1.53 0.00	24.21 -1.76 0.00	18.02 -1.31 0.00	18.76 -1.29 0.00	21.66 -1.39 0.03	28.65 -1.71 0.00	30.48 -1.75 0.00	34.58 -2.25 0.00	32.32 -1.89 0.00	31.51 -1.85 0.00	44.57 -2.97 0.00	55.89 -4.06 0.00	48.60 -3.09 0.00	36.50 -2.31 0.00	29.47 -2.30 0.00	32.19 -2.50 0.00	33.90 -2.95 0.00	37.74 -3.35 0.00	39.63 -2.90 0.00	41.61 -2.84 0.00	45.45 -2.70 0.00	39.37 -2.48 0.00	29.25 -1.77 0.00	29.22 -1.26 0.00
HUNTLEY___65 23559	24.75 -1.53 0.00	24.21 -1.76 0.00	18.02 -1.31 0.00	18.76 -1.29 0.00	21.66 -1.39 0.03	28.65 -1.71 0.00	30.48 -1.75 0.00	34.58 -2.25 0.00	32.32 -1.89 0.00	31.51 -1.85 0.00	44.57 -2.97 0.00	55.89 -4.06 0.00	48.60 -3.09 0.00	36.50 -2.31 0.00	29.47 -2.30 0.00	32.19 -2.50 0.00	33.90 -2.95 0.00	37.74 -3.35 0.00	39.63 -2.90 0.00	41.61 -2.84 0.00	45.45 -2.70 0.00	39.37 -2.48 0.00	29.25 -1.77 0.00	29.22 -1.26 0.00
HUNTLEY___66 23560	24.75 -1.53 0.00	24.21 -1.76 0.00	18.02 -1.31 0.00	18.76 -1.29 0.00	21.66 -1.39 0.03	28.65 -1.71 0.00	30.48 -1.75 0.00	34.58 -2.25 0.00	32.32 -1.89 0.00	31.51 -1.85 0.00	44.57 -2.97 0.00	55.89 -4.06 0.00	48.60 -3.09 0.00	36.50 -2.31 0.00	29.47 -2.30 0.00	32.19 -2.50 0.00	33.90 -2.95 0.00	37.74 -3.35 0.00	39.63 -2.90 0.00	41.61 -2.84 0.00	45.45 -2.70 0.00	39.37 -2.48 0.00	29.25 -1.77 0.00	29.22 -1.26 0.00
HUNTLEY___67 23561	24.67 -1.61 0.00	24.12 -1.85 0.00	17.96 -1.37 0.00	18.70 -1.34 0.00	21.59 -1.46 0.04	28.54 -1.82 0.00	30.39 -1.84 0.00	34.49 -2.34 0.00	32.25 -1.96 0.00	31.44 -1.93 0.00	44.47 -3.07 0.00	55.80 -4.14 0.00	48.51 -3.19 0.00	36.43 -2.38 0.00	29.42 -2.36 0.00	32.13 -2.56 0.00	33.85 -3.00 0.00	37.65 -3.44 0.00	39.51 -3.01 0.00	41.46 -2.98 0.00	45.31 -2.84 0.00	39.27 -2.58 0.00	29.17 -1.85 0.00	29.10 -1.37 0.00
HUNTLEY___68 23562	24.67 -1.61 0.00	24.12 -1.85 0.00	17.96 -1.37 0.00	18.70 -1.34 0.00	21.59 -1.46 0.04	28.54 -1.82 0.00	30.39 -1.84 0.00	34.49 -2.34 0.00	32.25 -1.96 0.00	31.44 -1.93 0.00	44.47 -3.07 0.00	55.80 -4.14 0.00	48.51 -3.19 0.00	36.43 -2.38 0.00	29.42 -2.36 0.00	32.13 -2.56 0.00	33.85 -3.00 0.00	37.65 -3.44 0.00	39.51 -3.01 0.00	41.46 -2.98 0.00	45.31 -2.84 0.00	39.27 -2.58 0.00	29.17 -1.85 0.00	29.10 -1.37 0.00

HYLAND___LFGE 323620	26.29 0.02 0.00	25.71 -0.26 0.00	19.09 -0.24 0.00	19.86 -0.19 0.00	23.17 -0.05 -0.14	30.74 0.39 0.00	33.03 0.80 0.00	37.71 0.88 0.00	34.28 0.07 0.00	32.78 -0.59 0.00	46.31 -1.23 0.00	58.08 -1.87 0.00	50.49 -1.20 0.00	37.82 -0.99 0.00	30.74 -1.03 0.00	33.79 -0.90 0.00	35.93 -0.92 0.00	40.61 -0.48 0.00	42.56 0.04 0.00	45.10 0.66 0.00	49.35 1.20 0.00	42.91 1.06 0.00	31.71 0.68 0.00	31.21 0.74 0.00
INDECK___CORINTH 23802	27.83 1.56 0.00	27.53 1.56 0.00	20.48 1.15 0.00	21.24 1.19 0.00	24.33 1.25 0.00	31.58 1.22 0.00	33.07 0.85 0.00	37.53 0.70 0.00	34.55 0.34 0.00	33.68 0.32 0.00	47.94 0.41 0.00	60.44 0.49 0.00	52.71 1.02 0.00	40.60 1.79 0.00	33.44 1.67 0.00	35.64 0.95 0.00	37.36 0.50 0.00	41.63 0.54 0.00	43.06 0.54 0.00	45.41 0.96 0.00	49.07 0.92 0.00	42.78 0.93 0.00	31.84 0.82 0.00	31.78 1.30 0.00
INDECK___ILION 23567	28.40 -0.09 -2.21	30.64 -0.08 -4.75	23.53 -0.03 -4.23	24.29 -0.04 -4.29	27.54 -0.07 -4.52	34.43 -0.18 -4.26	32.69 -0.28 -0.74	38.03 -0.28 -1.48	36.12 -0.31 -2.22	33.26 -0.41 -0.30	46.94 -0.59 0.00	59.23 -0.71 0.00	51.04 -0.65 0.00	38.33 -0.48 0.00	31.39 -0.38 0.00	34.26 -0.43 0.00	36.40 -0.46 0.00	41.00 -0.08 0.00	42.54 0.02 0.00	44.45 0.00 0.00	48.17 0.03 0.00	41.80 -0.05 0.00	31.12 0.10 0.00	30.52 0.04 0.00
INDECK___OLEAN 23982	25.71 -0.57 0.00	25.24 -0.73 0.00	18.81 -0.51 0.00	19.60 -0.44 0.00	22.71 -0.36 0.01	29.85 -0.51 0.00	31.59 -0.64 0.00	36.16 -0.67 0.00	33.87 -0.34 0.00	32.95 -0.41 0.00	46.71 -0.83 0.00	58.68 -1.26 0.00	50.81 -0.89 0.00	37.94 -0.86 0.00	30.75 -1.02 0.00	33.47 -1.22 0.00	34.97 -1.88 0.00	38.90 -2.18 0.00	40.84 -1.68 0.00	42.92 -1.53 0.00	46.88 -1.26 0.00	40.64 -1.21 0.00	30.28 -0.74 0.00	30.11 -0.36 0.00
INDECK___OSWEGO 23783	24.30 -0.76 1.21	21.29 -0.77 3.91	15.29 -0.57 3.47	15.94 -0.58 3.52	18.71 -0.66 3.71	26.14 -0.90 3.32	30.60 -0.95 0.68	34.14 -1.15 1.55	30.80 -1.11 2.30	31.92 -1.13 0.31	45.95 -1.59 0.00	57.94 -2.01 0.00	50.05 -1.64 0.00	37.48 -1.33 0.00	30.66 -1.11 0.00	33.54 -1.15 0.00	35.69 -1.16 0.00	39.86 -1.23 0.00	41.37 -1.15 0.00	43.27 -1.18 0.00	46.84 -1.31 0.00	40.63 -1.22 0.00	30.12 -0.91 0.00	29.60 -0.87 0.00
INDECK___YERKES 23781	24.78 -1.50 0.00	24.25 -1.72 0.00	18.04 -1.29 0.00	18.78 -1.27 0.00	21.68 -1.37 0.03	28.67 -1.69 0.00	30.51 -1.72 0.00	34.61 -2.22 0.00	32.34 -1.87 0.00	31.53 -1.83 0.00	44.60 -2.94 0.00	55.96 -3.99 0.00	48.65 -3.04 0.00	36.54 -2.27 0.00	29.49 -2.28 0.00	32.21 -2.48 0.00	33.94 -2.91 0.00	37.78 -3.31 0.00	39.67 -2.85 0.00	41.64 -2.81 0.00	45.49 -2.66 0.00	39.42 -2.43 0.00	29.28 -1.75 0.00	29.24 -1.23 0.00
INDIAN POINT_GT_1 24139	27.89 1.61 0.00	27.49 1.52 0.00	20.45 1.12 0.00	21.15 1.10 0.00	24.36 1.28 0.00	31.78 1.43 0.00	33.73 1.51 0.00	38.70 1.87 0.00	36.17 1.96 0.00	35.13 1.77 0.00	50.14 2.60 0.00	63.20 3.25 0.00	54.31 2.62 0.00	40.81 2.00 0.00	33.50 1.73 0.00	36.53 1.84 0.00	38.95 2.10 0.00	43.30 2.21 0.00	44.77 2.25 0.00	46.57 2.13 0.00	50.22 2.07 0.00	43.57 1.73 0.00	32.56 1.54 0.00	32.05 1.57 0.00
INDIAN POINT_GT_2 23659	27.89 1.61 0.00	27.49 1.52 0.00	20.45 1.12 0.00	21.15 1.10 0.00	24.36 1.28 0.00	31.78 1.43 0.00	33.73 1.51 0.00	38.70 1.87 0.00	36.17 1.96 0.00	35.13 1.77 0.00	50.14 2.60 0.00	63.20 3.25 0.00	54.31 2.62 0.00	40.81 2.00 0.00	33.50 1.73 0.00	36.53 1.84 0.00	38.95 2.10 0.00	43.30 2.21 0.00	44.77 2.25 0.00	46.57 2.13 0.00	50.22 2.07 0.00	43.57 1.73 0.00	32.56 1.54 0.00	32.05 1.57 0.00
INDIAN POINT_GT_3 24019	27.89 1.61 0.00	27.49 1.52 0.00	20.45 1.12 0.00	21.15 1.10 0.00	24.36 1.28 0.00	31.78 1.43 0.00	33.73 1.51 0.00	38.70 1.87 0.00	36.17 1.96 0.00	35.13 1.77 0.00	50.14 2.60 0.00	63.20 3.25 0.00	54.31 2.62 0.00	40.81 2.00 0.00	33.50 1.73 0.00	36.53 1.84 0.00	38.95 2.10 0.00	43.30 2.21 0.00	44.77 2.25 0.00	46.57 2.13 0.00	50.22 2.07 0.00	43.57 1.73 0.00	32.56 1.54 0.00	32.05 1.57 0.00
INDIAN POINT___2 23530	27.86 1.59 0.00	27.46 1.49 0.00	20.43 1.10 0.00	21.13 1.08 0.00	24.34 1.25 0.00	31.75 1.40 0.00	33.70 1.47 0.00	38.66 1.83 0.00	36.13 1.92 0.00	35.10 1.74 0.00	50.11 2.57 0.00	63.14 3.19 0.00	54.26 2.57 0.00	40.77 1.96 0.00	33.47 1.70 0.00	36.50 1.81 0.00	38.92 2.07 0.00	43.26 2.17 0.00	44.72 2.20 0.00	46.54 2.09 0.00	50.17 2.03 0.00	43.53 1.68 0.00	32.52 1.50 0.00	32.03 1.55 0.00
INDIAN POINT___3 23531	27.86 1.59 0.00	27.47 1.50 0.00	20.43 1.10 0.00	21.13 1.09 0.00	24.34 1.26 0.00	31.76 1.40 0.00	33.70 1.48 0.00	38.66 1.83 0.00	36.12 1.91 0.00	35.10 1.73 0.00	50.08 2.54 0.00	63.14 3.19 0.00	54.25 2.56 0.00	40.77 1.96 0.00	33.47 1.70 0.00	36.50 1.82 0.00	38.92 2.06 0.00	43.25 2.16 0.00	44.73 2.20 0.00	46.53 2.09 0.00	50.17 2.03 0.00	43.53 1.68 0.00	32.53 1.50 0.00	32.02 1.54 0.00
INGHAM_C_115KV_TB7 356103	28.18 -0.31 -2.21	30.43 -0.29 -4.75	23.39 -0.17 -4.23	24.14 -0.19 -4.29	27.36 -0.25 -4.52	34.12 -0.50 -4.26	32.27 -0.70 -0.74	37.59 -0.71 -1.48	35.63 -0.79 -2.22	32.67 -1.00 -0.30	46.02 -1.52 0.00	58.09 -1.86 0.00	49.99 -1.70 0.00	37.58 -1.23 0.00	30.79 -0.98 0.00	33.57 -1.12 0.00	35.60 -1.25 0.00	40.62 -0.47 0.00	42.32 -0.20 0.00	44.30 -0.15 0.00	47.98 -0.17 0.00	41.59 -0.25 0.00	31.11 0.08 0.00	30.47 -0.01 0.00
IP CORINTH___1 23988	27.83 1.56 0.00	27.53 1.56 0.00	20.48 1.15 0.00	21.24 1.19 0.00	24.35 1.27 0.00	31.65 1.29 0.00	33.20 0.98 0.00	37.73 0.90 0.00	34.74 0.54 0.00	33.85 0.49 0.00	48.20 0.66 0.00	60.74 0.79 0.00	52.90 1.21 0.00	40.60 1.79 0.00	33.44 1.67 0.00	35.78 1.09 0.00	37.55 0.70 0.00	41.86 0.77 0.00	43.31 0.79 0.00	45.65 1.21 0.00	49.34 1.19 0.00	42.99 1.14 0.00	32.00 0.97 0.00	31.80 1.33 0.00
IP___TICONDEROGA 23804	28.80 2.53 0.00	28.51 2.54 0.00	21.09 1.76 0.00	21.93 1.88 0.00	25.11 2.03 0.00	32.59 2.23 0.00	34.16 1.94 0.00	38.64 1.81 0.00	34.84 0.63 0.00	34.12 0.76 0.00	48.72 1.19 0.00	61.33 1.38 0.00	53.92 2.22 0.00	41.24 2.43 0.00	34.41 2.63 0.00	37.10 2.41 0.00	38.62 1.77 0.00	43.40 2.31 0.00	44.55 2.02 0.00	46.72 2.27 0.00	50.75 2.61 0.00	44.31 2.46 0.00	33.02 2.00 0.00	32.38 1.91 0.00
ISLIP_RES_REC 323679	34.09 2.35 -5.46	32.98 2.18 -4.83	22.51 1.63 -1.55	21.65 1.61 0.00	25.84 1.87 -0.89	33.99 2.13 -1.50	37.95 2.18 -3.55	42.93 2.61 -3.49	39.23 2.69 -2.34	41.04 2.49 -5.18	31.25 3.89 20.18	58.25 4.51 6.21	48.58 3.66 6.77	44.25 3.12 -2.32	34.58 2.56 -0.25	46.34 2.52 -9.13	39.68 2.81 -0.01	44.47 3.20 -0.19	49.39 3.45 -3.42	87.14 3.30 -39.40	56.83 2.99 -5.69	36.23 2.49 8.11	37.39 2.38 -3.98	50.25 2.36 -17.41

JAMAICA__27_KV_LOAD 355505	28.14 1.86 0.00	27.84 1.87 0.00	20.70 1.37 0.00	21.40 1.35 0.00	24.65 1.57 0.00	32.01 1.65 0.00	33.91 1.54 -0.14	38.96 2.01 -0.11	37.72 2.06 -1.45	35.26 1.90 0.00	67.80 2.80 -17.46	71.13 3.67 -7.51	62.84 2.63 -8.52	41.02 2.12 -0.09	33.68 1.91 0.00	36.75 2.06 0.00	39.12 2.27 0.00	43.47 2.33 -0.05	45.47 2.31 -0.64	48.10 2.18 -1.47	50.37 2.22 0.00	54.34 1.84 -10.65	43.58 1.57 -10.98	32.23 1.68 -0.06
JANIS__SOLAR 323808	26.75 0.48 0.00	26.40 0.42 0.00	19.70 0.37 0.00	20.42 0.38 0.00	23.59 0.49 -0.01	30.96 0.60 0.00	33.15 0.92 0.00	37.84 1.01 0.00	35.02 0.81 0.00	34.23 0.87 0.00	48.35 0.81 0.00	60.29 0.34 0.00	52.47 0.78 0.00	39.40 0.59 0.00	32.10 0.33 0.00	35.44 0.75 0.00	37.81 0.95 0.00	42.78 1.69 0.00	44.48 1.96 0.00	46.36 1.91 0.00	50.20 2.05 0.00	43.51 1.66 0.00	32.14 1.12 0.00	31.44 0.97 0.00
JARVIS____ 23743	28.56 0.08 -2.21	30.80 0.08 -4.75	23.62 0.06 -4.23	24.39 0.06 -4.29	27.67 0.07 -4.52	34.63 0.02 -4.26	32.94 -0.03 -0.74	38.27 -0.03 -1.48	36.39 -0.03 -2.22	33.63 -0.04 -0.30	47.47 -0.06 0.00	59.89 -0.06 0.00	51.64 -0.05 0.00	38.77 -0.04 0.00	31.77 0.00 0.00	34.69 0.00 0.00	36.86 0.01 0.00	41.10 0.01 0.00	42.56 0.04 0.00	44.45 0.00 0.00	48.11 -0.04 0.00	41.81 -0.04 0.00	31.05 0.02 0.00	30.49 0.02 0.00
JENNISON____1 23625	26.46 0.18 0.00	26.14 0.17 0.00	19.61 0.28 0.00	20.31 0.26 0.00	23.47 0.38 0.00	30.60 0.24 0.00	32.81 0.58 0.00	37.46 0.63 0.00	34.74 0.53 0.00	34.14 0.78 0.00	48.95 1.41 0.00	61.40 1.45 0.00	53.23 1.54 0.00	40.23 1.42 0.00	32.73 0.96 0.00	35.81 1.12 0.00	37.83 0.98 0.00	42.90 1.81 0.00	44.66 2.14 0.00	46.49 2.05 0.00	49.86 1.72 0.00	43.29 1.44 0.00	32.23 1.21 0.00	31.62 1.14 0.00
JENNISON____2 23626	26.46 0.18 0.00	26.14 0.17 0.00	19.61 0.28 0.00	20.31 0.26 0.00	23.47 0.38 0.00	30.60 0.24 0.00	32.81 0.58 0.00	37.46 0.63 0.00	34.74 0.53 0.00	34.14 0.78 0.00	48.95 1.41 0.00	61.40 1.45 0.00	53.23 1.54 0.00	40.23 1.42 0.00	32.73 0.96 0.00	35.81 1.12 0.00	37.83 0.98 0.00	42.90 1.81 0.00	44.66 2.14 0.00	46.49 2.05 0.00	49.86 1.72 0.00	43.29 1.44 0.00	32.23 1.21 0.00	31.62 1.14 0.00
JERICOHO_RISE_WT_PWR 323719	-13.57 -1.34 38.50	-17.96 -1.27 42.67	-19.85 -0.91 38.27	-19.68 -0.98 38.75	-18.63 -1.01 40.70	-14.81 -1.08 44.08	26.85 -0.93 4.44	33.07 -0.90 2.86	29.42 -0.55 4.24	32.47 -0.32 0.58	47.10 -0.44 0.00	59.60 -0.35 0.00	51.24 -0.45 0.00	38.41 -0.40 0.00	31.37 -0.40 0.00	34.17 -0.52 0.00	36.20 -0.65 0.00	40.59 -0.49 0.00	42.00 -0.52 0.00	44.17 -0.28 0.00	48.13 -0.01 0.00	41.92 0.07 0.00	30.83 -0.20 0.00	30.12 -0.35 0.00
KATONAH__115KV_46KV_TB4 355592	28.01 1.73 0.00	27.61 1.64 0.00	20.54 1.21 0.00	21.24 1.19 0.00	24.47 1.39 0.00	31.92 1.56 0.00	33.87 1.64 0.00	38.89 2.06 0.00	36.32 2.11 0.00	35.30 1.94 0.00	50.38 2.84 0.00	63.52 3.57 0.00	54.57 2.88 0.00	41.00 2.20 0.00	33.68 1.90 0.00	36.71 2.02 0.00	39.11 2.25 0.00	43.49 2.40 0.00	44.98 2.46 0.00	46.79 2.34 0.00	50.44 2.30 0.00	43.77 1.92 0.00	32.69 1.66 0.00	32.16 1.68 0.00
KCE_NY_1 323755	27.73 1.45 0.00	27.43 1.46 0.00	20.43 1.10 0.00	21.19 1.14 0.00	24.37 1.29 0.00	31.86 1.50 0.00	33.61 1.39 0.00	38.30 1.47 0.00	35.38 1.17 0.00	34.42 1.05 0.00	49.02 1.48 0.00	61.77 1.82 0.00	53.42 1.73 0.00	40.42 1.61 0.00	33.21 1.44 0.00	36.07 1.38 0.00	38.18 1.33 0.00	42.53 1.44 0.00	44.02 1.50 0.00	46.24 1.79 0.00	49.84 1.69 0.00	43.36 1.51 0.00	32.29 1.27 0.00	31.79 1.32 0.00
KCE_NY_6_ESR 323823	24.94 -1.34 0.00	24.39 -1.59 0.00	18.16 -1.17 0.00	18.92 -1.13 0.00	21.84 -1.20 0.04	28.92 -1.44 0.00	30.80 -1.42 0.00	35.00 -1.83 0.00	32.72 -1.49 0.00	31.86 -1.50 0.00	45.08 -2.46 0.00	56.61 -3.34 0.00	49.19 -2.50 0.00	36.93 -1.88 0.00	29.82 -1.95 0.00	32.57 -2.12 0.00	34.30 -2.55 0.00	38.19 -2.90 0.00	40.09 -2.43 0.00	42.06 -2.38 0.00	45.92 -2.23 0.00	39.79 -2.06 0.00	29.56 -1.46 0.00	29.42 -1.06 0.00
KEDC_PORT_JEFF_GT2 24210	33.55 2.21 -5.07	32.51 2.06 -4.48	22.30 1.54 -1.43	21.56 1.51 0.00	25.67 1.77 -0.82	33.72 1.98 -1.39	37.50 2.00 -3.27	42.45 2.40 -3.22	38.70 2.46 -2.03	40.44 2.27 -4.81	30.07 3.55 21.02	57.60 4.11 6.46	47.83 3.29 7.15	43.77 2.82 -2.14	34.32 2.33 -0.22	45.50 2.28 -8.53	39.46 2.59 -0.01	44.22 2.95 -0.19	49.08 3.17 -3.38	86.54 3.03 -39.07	56.46 2.70 -5.61	35.80 2.25 8.30	36.29 2.22 -3.05	49.88 2.21 -17.19
KEDC_PORT_JEFF_GT3 24211	33.55 2.21 -5.07	32.51 2.06 -4.48	22.30 1.54 -1.43	21.56 1.51 0.00	25.67 1.77 -0.82	33.72 1.98 -1.39	37.50 2.00 -3.27	42.45 2.40 -3.22	38.70 2.46 -2.03	40.44 2.27 -4.81	30.07 3.55 21.02	57.60 4.11 6.46	47.83 3.29 7.15	43.77 2.82 -2.14	34.32 2.33 -0.22	45.50 2.28 -8.53	39.46 2.59 -0.01	44.22 2.95 -0.19	49.08 3.17 -3.38	86.54 3.03 -39.07	56.46 2.70 -5.61	35.80 2.25 8.30	36.29 2.22 -3.05	49.88 2.21 -17.19
KEDC_GLWD_GT4 24219	54.69 2.02 -26.39	51.25 1.94 -23.33	28.31 1.45 -7.53	21.48 1.42 -0.01	29.04 1.66 -4.29	39.49 1.90 -7.23	52.40 1.95 -18.22	56.96 2.40 -17.74	55.56 2.42 -18.93	60.58 2.22 -25.00	83.32 3.24 -32.54	73.71 3.96 -9.80	73.32 3.23 -18.39	52.97 2.45 -11.71	35.48 2.12 -1.58	77.11 2.20 -40.21	39.26 2.38 -0.02	44.02 2.53 -0.41	52.27 2.58 -7.17	118.52 2.44 -71.63	62.55 2.37 -12.04	50.99 1.98 -7.16	92.54 1.84 -59.68	66.78 1.94 -34.37
KEDC_GLWD_GT5 24220	54.69 2.02 -26.39	51.25 1.94 -23.33	28.31 1.45 -7.53	21.48 1.42 -0.01	29.04 1.66 -4.29	39.49 1.90 -7.23	52.40 1.95 -18.22	56.96 2.40 -17.74	55.56 2.42 -18.93	60.58 2.22 -25.00	83.32 3.24 -32.54	73.71 3.96 -9.80	73.32 3.23 -18.39	52.97 2.45 -11.71	35.48 2.12 -1.58	77.11 2.20 -40.21	39.26 2.38 -0.02	44.02 2.53 -0.41	52.27 2.58 -7.17	118.52 2.44 -71.63	62.55 2.37 -12.04	50.99 1.98 -7.16	92.54 1.84 -59.68	66.78 1.94 -34.37
KENSICO____ 23655	27.95 1.67 0.00	27.55 1.58 0.00	20.49 1.16 0.00	21.19 1.14 0.00	24.41 1.33 0.00	31.84 1.48 0.00	33.79 1.56 0.00	38.77 1.94 0.00	36.25 2.04 0.00	35.20 1.84 0.00	50.25 2.72 0.00	63.35 3.40 0.00	54.42 2.73 0.00	40.89 2.08 0.00	33.58 1.81 0.00	36.63 1.94 0.00	39.05 2.19 0.00	43.40 2.31 0.00	44.86 2.34 0.00	46.66 2.22 0.00	50.31 2.16 0.00	43.66 1.81 0.00	32.63 1.61 0.00	32.13 1.65 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.09 1.81 0.00	27.71 1.73 0.00	20.60 1.27 0.00	21.32 1.27 0.00	24.57 1.49 0.00	32.08 1.73 0.00	34.08 1.85 0.00	39.10 2.28 0.00	36.50 2.29 0.00	35.45 2.08 0.00	50.56 3.03 0.00	63.84 3.89 0.00	54.81 3.11 0.00	41.18 2.37 0.00	33.75 1.98 0.00	36.82 2.14 0.00	39.27 2.42 0.00	43.78 2.70 0.00	45.33 2.81 0.00	47.23 2.78 0.00	50.98 2.83 0.00	44.17 2.32 0.00	32.89 1.87 0.00	32.34 1.86 0.00

KIAC_JFK_GT1 23816	28.00 1.72 0.00	27.70 1.73 0.00	20.60 1.27 0.00	21.29 1.25 0.00	24.53 1.45 0.00	31.82 1.46 0.00	33.60 1.24 -0.14	38.59 1.65 -0.11	37.39 1.74 -1.45	34.95 1.58 0.00	67.35 2.35 -17.46	70.56 3.10 -7.51	62.35 2.14 -8.52	40.66 1.76 -0.09	33.39 1.62 0.00	36.41 1.72 0.00	38.79 1.93 0.00	43.08 1.94 -0.05	45.07 1.91 -0.64	47.65 1.73 -1.47	49.89 1.74 0.00	53.94 1.44 -10.65	43.39 1.38 -10.98	32.06 1.52 -0.06
KIAC_JFK_GT2 23817	28.00 1.72 0.00	27.70 1.73 0.00	20.60 1.27 0.00	21.29 1.25 0.00	24.53 1.45 0.00	31.82 1.46 0.00	33.60 1.24 -0.14	38.59 1.65 -0.11	37.39 1.74 -1.45	34.95 1.58 0.00	67.35 2.35 -17.46	70.56 3.10 -7.51	62.35 2.14 -8.52	40.66 1.76 -0.09	33.39 1.62 0.00	36.41 1.72 0.00	38.79 1.93 0.00	43.08 1.94 -0.05	45.07 1.91 -0.64	47.65 1.73 -1.47	49.89 1.74 0.00	53.94 1.44 -10.65	43.39 1.38 -10.98	32.06 1.52 -0.06
KIAC_JFK____ 323774	28.01 1.73 0.00	27.70 1.73 0.00	20.60 1.27 0.00	21.30 1.25 0.00	24.54 1.45 0.00	31.82 1.46 0.00	33.60 1.24 -0.14	38.60 1.65 -0.11	37.44 1.78 -1.45	34.93 1.57 0.00	67.34 2.34 -17.46	70.56 3.10 -7.51	62.37 2.17 -8.52	40.68 1.78 -0.09	33.39 1.62 0.00	36.41 1.72 0.00	38.78 1.93 0.00	43.09 1.95 -0.05	45.10 1.94 -0.64	47.73 1.81 -1.47	49.89 1.74 0.00	53.95 1.45 -10.65	43.48 1.47 -10.98	32.06 1.52 -0.06
KINTIGH__24_KV_GSU 356498	24.93 -1.35 0.00	24.43 -1.54 0.00	18.19 -1.14 0.00	18.91 -1.14 0.00	21.83 -1.24 0.02	28.79 -1.56 0.00	30.64 -1.59 0.00	34.81 -2.02 0.00	32.52 -1.69 0.00	31.70 -1.67 0.00	44.90 -2.64 0.00	56.38 -3.57 0.00	48.96 -2.73 0.00	36.74 -2.07 0.00	29.73 -2.04 0.00	32.45 -2.24 0.00	34.26 -2.59 0.00	38.12 -2.97 0.00	39.91 -2.61 0.00	41.86 -2.59 0.00	45.67 -2.47 0.00	39.58 -2.27 0.00	29.40 -1.63 0.00	29.27 -1.21 0.00
KINTIGH____ 23543	24.91 -1.37 0.00	24.40 -1.57 0.00	18.17 -1.16 0.00	18.89 -1.15 0.00	21.81 -1.26 0.02	28.76 -1.59 0.00	30.60 -1.62 0.00	34.78 -2.06 0.00	32.49 -1.72 0.00	31.66 -1.70 0.00	44.86 -2.67 0.00	56.32 -3.63 0.00	48.92 -2.78 0.00	36.71 -2.10 0.00	29.70 -2.07 0.00	32.43 -2.26 0.00	34.22 -2.63 0.00	38.08 -3.01 0.00	39.87 -2.65 0.00	41.82 -2.63 0.00	45.63 -2.51 0.00	39.54 -2.31 0.00	29.36 -1.66 0.00	29.24 -1.24 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-13.71 -1.03 38.96	-17.62 -1.02 42.57	-19.57 -0.70 38.19	-19.39 -0.76 38.67	-18.28 -0.75 40.61	-14.52 -0.72 44.15	27.44 -0.42 4.37	34.13 -0.15 2.55	30.59 0.16 3.78	33.14 0.30 0.52	47.86 0.32 0.00	60.68 0.73 0.00	52.04 0.35 0.00	39.13 0.32 0.00	32.00 0.22 0.00	34.91 0.22 0.00	36.96 0.11 0.00	41.55 0.46 0.00	42.94 0.42 0.00	45.10 0.65 0.00	49.25 1.11 0.00	42.83 0.98 0.00	31.60 0.58 0.00	30.69 0.21 0.00
LACHUTE____HYDRO 323717	28.81 2.53 0.00	28.51 2.54 0.00	21.09 1.76 0.00	21.93 1.88 0.00	25.11 2.03 0.00	32.59 2.23 0.00	34.16 1.94 0.00	38.64 1.81 0.00	34.84 0.63 0.00	34.12 0.76 0.00	48.72 1.18 0.00	61.33 1.38 0.00	53.91 2.22 0.00	41.24 2.43 0.00	34.41 2.63 0.00	37.10 2.41 0.00	38.62 1.77 0.00	43.40 2.31 0.00	44.54 2.02 0.00	46.72 2.27 0.00	50.75 2.61 0.00	44.31 2.46 0.00	33.02 2.00 0.00	32.38 1.91 0.00
LAWRNCV_115KV_TB1 80681	-8.23 -1.28 33.23	-18.99 -1.19 43.77	-20.71 -0.88 39.16	-20.51 -0.90 39.66	-19.63 -1.00 41.71	-13.98 -1.07 43.27	25.96 -0.97 5.29	29.31 -1.10 6.42	23.64 -1.05 9.51	30.99 -1.07 1.30	46.08 -1.46 0.00	58.46 -1.49 0.00	50.53 -1.16 0.00	37.73 -1.09 0.00	30.80 -0.97 0.00	33.72 -0.97 0.00	35.85 -1.00 0.00	40.03 -1.05 0.00	41.51 -1.01 0.00	43.74 -0.70 0.00	47.71 -0.43 0.00	41.56 -0.30 0.00	30.48 -0.54 0.00	29.74 -0.73 0.00
LEDERLE____ 23769	27.98 1.70 0.00	27.57 1.59 0.00	20.51 1.18 0.00	21.21 1.16 0.00	24.43 1.35 0.00	31.90 1.55 0.00	33.86 1.64 0.00	38.85 2.02 0.00	36.32 2.11 0.00	35.29 1.93 0.00	50.36 2.82 0.00	63.48 3.53 0.00	54.60 2.91 0.00	41.00 2.19 0.00	33.66 1.89 0.00	36.71 2.02 0.00	39.15 2.29 0.00	43.52 2.43 0.00	44.99 2.47 0.00	46.82 2.37 0.00	50.47 2.33 0.00	43.77 1.92 0.00	32.69 1.66 0.00	32.16 1.68 0.00
LIGHTHSE_115KV_TB6 355974	22.11 -0.84 3.32	14.02 -0.86 11.09	8.85 -0.64 9.84	9.42 -0.66 9.97	11.80 -0.75 10.53	20.02 -0.96 9.38	29.30 -0.99 1.94	31.18 -1.19 4.46	26.29 -1.31 6.61	31.07 -1.39 0.90	45.74 -1.79 0.00	58.14 -1.81 0.00	50.44 -1.25 0.00	37.39 -1.42 0.00	30.68 -1.09 0.00	33.73 -0.97 0.00	36.10 -0.75 0.00	40.36 -0.73 0.00	41.99 -0.53 0.00	44.05 -0.40 0.00	47.67 -0.48 0.00	41.21 -0.64 0.00	30.47 -0.55 0.00	29.85 -0.63 0.00
LINDEN COGEN____ 23786	28.03 1.75 0.00	27.58 1.61 0.00	20.52 1.19 0.00	21.21 1.16 0.00	24.44 1.36 0.00	31.49 1.48 0.35	32.75 1.59 1.08	35.22 2.06 3.67	33.90 2.17 2.48	33.07 1.97 2.26	47.85 2.91 2.60	63.56 3.62 0.00	48.21 2.82 6.30	35.93 2.21 5.09	31.78 1.93 1.93	34.59 2.02 2.12	31.20 2.26 7.92	33.52 2.35 9.92	33.36 2.35 11.51	33.52 2.16 13.09	36.52 2.07 13.69	36.57 1.76 7.04	30.60 1.59 2.01	31.71 1.65 0.42
LINDHRST_69_KV_BK1 356055	39.61 2.24 -11.09	37.93 2.13 -9.83	24.03 1.60 -3.11	21.60 1.56 0.00	26.86 1.83 -1.94	35.79 2.09 -3.34	41.87 2.13 -7.51	46.72 2.55 -7.34	43.52 2.57 -6.74	46.21 2.29 -10.56	43.44 3.48 7.57	61.76 4.17 2.36	53.90 3.30 1.10	46.39 2.73 -4.85	34.67 2.29 -0.62	54.24 2.32 -17.23	39.46 2.59 -0.01	44.08 2.79 -0.20	49.50 2.94 -4.05	91.96 2.90 -44.61	57.85 2.71 -6.98	39.00 2.25 5.10	50.93 2.17 -17.73	53.34 2.17 -20.68
LIPA_MISC_IPP 23656	33.26 2.10 -4.88	32.24 1.96 -4.32	22.18 1.48 -1.37	21.48 1.44 0.00	25.56 1.69 -0.79	33.54 1.86 -1.33	37.24 1.87 -3.14	42.15 2.22 -3.10	38.42 2.32 -1.89	40.13 2.14 -4.63	29.46 3.35 21.42	57.26 3.90 6.59	47.42 3.06 7.33	43.52 2.65 -2.06	34.18 2.21 -0.21	45.16 2.21 -8.26	39.42 2.56 -0.01	44.17 2.90 -0.18	49.04 3.16 -3.36	86.33 3.00 -38.88	56.24 2.53 -5.56	35.57 2.12 8.40	35.73 2.12 -2.60	49.66 2.10 -17.08
LISF____SOLAR 323691	33.40 2.17 -4.95	32.35 2.00 -4.38	22.23 1.50 -1.40	21.52 1.47 0.00	25.60 1.72 -0.80	33.62 1.91 -1.35	37.35 1.94 -3.19	42.26 2.29 -3.14	38.54 2.39 -1.94	40.27 2.21 -4.70	29.78 3.51 21.27	57.37 3.96 6.54	47.53 3.10 7.27	43.64 2.73 -2.09	34.24 2.26 -0.21	45.32 2.26 -8.36	39.46 2.60 -0.01	44.23 2.95 -0.19	49.13 3.24 -3.37	86.47 3.08 -38.95	56.35 2.62 -5.58	35.67 2.18 8.36	35.96 2.17 -2.76	49.76 2.16 -17.12
LITTLE FALLS____HYD 24013	28.18 -0.31 -2.21	30.43 -0.29 -4.75	23.39 -0.17 -4.23	24.14 -0.19 -4.29	27.36 -0.25 -4.52	34.12 -0.50 -4.26	32.27 -0.70 -0.74	37.59 -0.71 -1.48	35.63 -0.79 -2.22	32.67 -1.00 -0.30	46.02 -1.52 0.00	58.09 -1.86 0.00	49.99 -1.70 0.00	37.58 -1.23 0.00	30.79 -0.98 0.00	33.57 -1.12 0.00	35.60 -1.25 0.00	40.62 -0.47 0.00	42.32 -0.20 0.00	44.30 -0.15 0.00	47.98 -0.17 0.00	41.59 -0.25 0.00	31.11 0.08 0.00	30.47 -0.01 0.00

LITTLRIV_115KV_TB1 356100	-7.25 -0.93 32.59	-18.79 -0.86 43.91	-20.57 -0.63 39.27	-20.36 -0.65 39.77	-19.44 -0.69 41.84	-13.43 -0.61 43.18	26.36 -0.47 5.39	29.42 -0.57 6.84	23.42 -0.64 10.14	31.11 -0.86 1.39	46.26 -1.28 0.00	58.85 -1.10 0.00	51.03 -0.66 0.00	38.06 -0.75 0.00	31.00 -0.77 0.00	34.01 -0.68 0.00	36.11 -0.74 0.00	40.45 -0.64 0.00	41.98 -0.54 0.00	44.43 -0.02 0.00	48.53 0.38 0.00	42.23 0.38 0.00	30.94 -0.09 0.00	30.17 -0.31 0.00
LI_NEWBRDGE___DRP 323616	29.26 1.85 -1.13	28.78 1.79 -1.02	20.98 1.37 -0.28	21.36 1.32 0.01	24.80 1.56 -0.15	32.37 1.74 -0.27	34.48 1.73 -0.53	39.48 2.10 -0.56	35.20 2.10 1.11	36.36 1.89 -1.11	18.91 2.92 31.54	53.81 3.53 9.67	42.46 2.71 11.95	41.47 2.27 -0.39	33.70 1.97 0.04	39.35 1.97 -2.69	39.00 2.14 -0.01	43.54 2.30 -0.16	47.80 2.37 -2.92	82.13 2.23 -35.46	54.93 2.06 -4.72	32.37 1.73 11.21	25.47 1.70 7.26	47.13 1.73 -14.92
LOCKPORT_115KV_TB60_63_64 80432	24.59 -1.69 0.00	23.98 -1.99 0.00	17.85 -1.48 0.00	18.57 -1.48 0.00	21.45 -1.61 0.03	28.35 -2.00 0.00	30.24 -1.99 0.00	34.28 -2.55 0.00	32.04 -2.17 0.00	31.18 -2.18 0.00	44.07 -3.47 0.00	55.24 -4.71 0.00	48.08 -3.62 0.00	36.13 -2.68 0.00	29.16 -2.61 0.00	31.85 -2.84 0.00	33.60 -3.25 0.00	37.37 -3.72 0.00	39.25 -3.27 0.00	41.22 -3.23 0.00	45.05 -3.09 0.00	39.03 -2.82 0.00	28.99 -2.03 0.00	29.01 -1.47 0.00
LOCKPORT___CC1 323769	24.59 -1.69 0.00	24.00 -1.97 0.00	17.86 -1.47 0.00	18.58 -1.47 0.00	21.46 -1.59 0.03	28.37 -1.98 0.00	30.24 -1.98 0.00	34.30 -2.53 0.00	32.05 -2.16 0.00	31.20 -2.17 0.00	44.09 -3.45 0.00	55.31 -4.64 0.00	48.11 -3.58 0.00	36.14 -2.67 0.00	29.17 -2.61 0.00	31.87 -2.82 0.00	33.62 -3.24 0.00	37.40 -3.69 0.00	39.27 -3.25 0.00	41.22 -3.22 0.00	45.06 -3.08 0.00	39.04 -2.81 0.00	29.00 -2.02 0.00	29.01 -1.47 0.00
LOCKPORT___CC2 323770	24.59 -1.69 0.00	24.00 -1.97 0.00	17.86 -1.47 0.00	18.58 -1.47 0.00	21.46 -1.59 0.03	28.37 -1.98 0.00	30.24 -1.98 0.00	34.30 -2.53 0.00	32.05 -2.16 0.00	31.20 -2.17 0.00	44.09 -3.45 0.00	55.31 -4.64 0.00	48.11 -3.58 0.00	36.14 -2.67 0.00	29.17 -2.61 0.00	31.87 -2.82 0.00	33.62 -3.24 0.00	37.40 -3.69 0.00	39.27 -3.25 0.00	41.22 -3.22 0.00	45.06 -3.08 0.00	39.04 -2.81 0.00	29.00 -2.02 0.00	29.01 -1.47 0.00
LOCKPORT___CC3 323771	24.59 -1.69 0.00	24.00 -1.97 0.00	17.86 -1.47 0.00	18.58 -1.47 0.00	21.46 -1.59 0.03	28.37 -1.98 0.00	30.24 -1.98 0.00	34.30 -2.53 0.00	32.05 -2.16 0.00	31.20 -2.17 0.00	44.09 -3.45 0.00	55.31 -4.64 0.00	48.11 -3.58 0.00	36.14 -2.67 0.00	29.17 -2.61 0.00	31.87 -2.82 0.00	33.62 -3.24 0.00	37.40 -3.69 0.00	39.27 -3.25 0.00	41.22 -3.22 0.00	45.06 -3.08 0.00	39.04 -2.81 0.00	29.00 -2.02 0.00	29.01 -1.47 0.00
LOCUSVLY_69_KV_BK2 55797	49.51 2.08 -21.16	46.67 1.99 -18.70	26.87 1.49 -6.05	21.51 1.46 -0.01	28.24 1.71 -3.45	38.13 1.96 -5.81	48.73 1.99 -14.52	53.40 2.42 -14.15	51.25 2.45 -14.59	55.63 2.23 -20.03	67.18 3.35 -16.29	68.93 4.11 -4.87	65.55 3.30 -10.56	50.72 2.57 -9.34	35.23 2.21 -1.25	69.44 2.30 -32.45	39.36 2.49 -0.02	44.10 2.67 -0.33	51.35 2.75 -6.08	109.81 2.63 -62.73	61.04 2.52 -10.37	45.74 2.11 -1.78	77.06 1.96 -44.09	62.34 2.00 -29.87
LONG_LAKE_PHOENIX 24014	25.46 -0.65 0.17	23.41 -0.68 1.89	17.17 -0.49 1.67	17.85 -0.51 1.69	20.72 -0.57 1.79	28.12 -0.77 1.47	31.04 -0.81 0.38	34.91 -0.94 0.98	31.80 -0.95 1.46	32.25 -0.92 0.20	46.20 -1.34 0.00	58.15 -1.80 0.00	50.18 -1.51 0.00	37.62 -1.18 0.00	30.74 -1.03 0.00	33.63 -1.06 0.00	35.74 -1.12 0.00	39.99 -1.10 0.00	41.50 -1.02 0.00	43.39 -1.06 0.00	46.99 -1.16 0.00	40.75 -1.10 0.00	30.19 -0.83 0.00	29.69 -0.79 0.00
LOVETT___3 23632	27.84 1.57 0.00	27.45 1.48 0.00	20.41 1.08 0.00	21.12 1.07 0.00	24.32 1.24 0.00	31.74 1.39 0.00	33.67 1.45 0.00	38.63 1.80 0.00	36.10 1.89 0.00	35.07 1.71 0.00	50.07 2.53 0.00	63.09 3.14 0.00	54.24 2.55 0.00	40.73 1.92 0.00	33.45 1.68 0.00	36.48 1.79 0.00	38.89 2.03 0.00	43.23 2.14 0.00	44.69 2.17 0.00	46.50 2.05 0.00	50.14 1.99 0.00	43.49 1.64 0.00	32.51 1.48 0.00	32.00 1.53 0.00
LOVETT___4 23642	27.84 1.57 0.00	27.45 1.48 0.00	20.41 1.08 0.00	21.12 1.07 0.00	24.32 1.24 0.00	31.74 1.39 0.00	33.67 1.45 0.00	38.63 1.80 0.00	36.10 1.89 0.00	35.07 1.71 0.00	50.07 2.53 0.00	63.09 3.14 0.00	54.24 2.55 0.00	40.73 1.92 0.00	33.45 1.68 0.00	36.48 1.79 0.00	38.89 2.03 0.00	43.23 2.14 0.00	44.69 2.17 0.00	46.50 2.05 0.00	50.14 1.99 0.00	43.49 1.64 0.00	32.51 1.48 0.00	32.00 1.53 0.00
LOVETT___5 23593	27.84 1.57 0.00	27.45 1.48 0.00	20.41 1.08 0.00	21.12 1.07 0.00	24.32 1.24 0.00	31.74 1.39 0.00	33.67 1.45 0.00	38.63 1.80 0.00	36.10 1.89 0.00	35.07 1.71 0.00	50.07 2.53 0.00	63.09 3.14 0.00	54.24 2.55 0.00	40.73 1.92 0.00	33.45 1.68 0.00	36.48 1.79 0.00	38.89 2.03 0.00	43.23 2.14 0.00	44.69 2.17 0.00	46.50 2.05 0.00	50.14 1.99 0.00	43.49 1.64 0.00	32.51 1.48 0.00	32.00 1.53 0.00
LOWER RAQUET___HYD 24057	-7.19 -1.47 32.00	-19.43 -1.37 44.03	-21.05 -1.01 39.37	-20.87 -1.05 39.87	-20.02 -1.16 41.95	-14.00 -1.28 43.08	25.54 -1.19 5.49	28.24 -1.34 7.24	22.18 -1.29 10.74	30.57 -1.33 1.47	45.72 -1.82 0.00	58.05 -1.90 0.00	50.21 -1.48 0.00	37.45 -1.36 0.00	30.58 -1.19 0.00	33.50 -1.19 0.00	35.65 -1.21 0.00	39.83 -1.26 0.00	41.31 -1.21 0.00	43.56 -0.89 0.00	47.50 -0.65 0.00	41.36 -0.49 0.00	30.33 -0.70 0.00	29.57 -0.90 0.00
LOWER___HUDSON 24059	27.41 1.13 0.00	27.11 1.13 0.00	20.20 0.87 0.00	20.93 0.88 0.00	24.08 1.00 0.00	31.48 1.13 0.00	33.25 1.02 0.00	38.01 1.18 0.00	35.10 0.89 0.00	34.16 0.80 0.00	48.60 1.06 0.00	61.20 1.25 0.00	52.78 1.09 0.00	39.77 0.97 0.00	32.74 0.97 0.00	35.70 1.01 0.00	37.83 0.98 0.00	42.03 0.94 0.00	43.62 1.10 0.00	45.60 1.16 0.00	49.14 0.99 0.00	42.79 0.94 0.00	31.96 0.93 0.00	31.39 0.91 0.00
LOWVILLE_115KV_TB2 356335	22.40 -1.23 2.64	72.02 -0.96 -47.01	60.03 -0.73 -41.42	61.27 -0.78 -42.00	66.71 -0.91 -44.54	63.67 -1.24 -34.55	41.06 -1.35 -10.17	63.46 -1.54 -28.18	74.56 -1.69 -42.05	37.27 -1.85 -5.76	45.31 -2.23 0.00	58.36 -1.59 0.00	51.03 -0.66 0.00	37.39 -1.42 0.00	30.90 -0.87 0.00	34.11 -0.58 0.00	36.96 0.11 0.00	41.37 0.28 0.00	43.04 0.52 0.00	45.31 0.86 0.00	48.99 0.85 0.00	42.34 0.49 0.00	31.20 0.18 0.00	30.26 -0.21 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	27.73 1.46 0.00	27.43 1.46 0.00	20.43 1.10 0.00	21.18 1.13 0.00	24.36 1.28 0.00	31.83 1.47 0.00	33.58 1.35 0.00	38.30 1.47 0.00	35.37 1.16 0.00	34.41 1.05 0.00	48.98 1.44 0.00	61.73 1.78 0.00	53.41 1.72 0.00	40.42 1.61 0.00	33.21 1.44 0.00	36.05 1.36 0.00	38.15 1.30 0.00	42.44 1.35 0.00	44.01 1.49 0.00	46.17 1.73 0.00	49.83 1.68 0.00	43.35 1.50 0.00	32.28 1.26 0.00	31.79 1.32 0.00

LUTHERNY_35_KV_BK2 355980	27.73 1.45 0.00	27.43 1.46 0.00	20.43 1.10 0.00	21.19 1.14 0.00	24.38 1.29 0.00	31.86 1.50 0.00	33.61 1.39 0.00	38.29 1.46 0.00	35.38 1.17 0.00	34.41 1.05 0.00	49.02 1.48 0.00	61.77 1.82 0.00	53.42 1.73 0.00	40.42 1.61 0.00	33.21 1.44 0.00	36.07 1.38 0.00	38.18 1.33 0.00	42.53 1.44 0.00	44.02 1.50 0.00	46.24 1.79 0.00	49.84 1.69 0.00	43.36 1.51 0.00	32.29 1.27 0.00	31.79 1.31 0.00
LWR___OSWEGATCHIE_HYD 23850	2.04 -1.57 22.68	-21.44 -1.42 45.98	-22.67 -1.06 40.94	-22.53 -1.11 41.47	-21.91 -1.25 43.74	-12.81 -1.51 41.65	23.71 -1.53 6.99	21.54 -1.76 13.53	12.33 -1.82 20.06	28.70 -1.92 2.74	45.04 -2.50 0.00	57.64 -2.32 0.00	50.16 -1.54 0.00	37.01 -1.80 0.00	30.41 -1.36 0.00	33.46 -1.23 0.00	35.96 -0.89 0.00	40.23 -0.86 0.00	41.79 -0.73 0.00	44.05 -0.39 0.00	47.83 -0.31 0.00	41.48 -0.37 0.00	30.48 -0.54 0.00	29.64 -0.83 0.00
LYONS_FALL_HYD 23570	21.50 -0.59 4.19	21.45 -0.42 4.09	15.33 -0.32 3.68	15.97 -0.35 3.73	18.76 -0.42 3.91	25.40 -0.57 4.38	31.25 -0.61 0.37	36.13 -0.70 0.00	33.38 -0.82 0.00	32.45 -0.92 0.00	46.47 -1.07 0.00	59.32 -0.63 0.00	51.59 -0.10 0.00	38.13 -0.68 0.00	31.43 -0.35 0.00	34.56 -0.13 0.00	37.22 0.37 0.00	41.60 0.51 0.00	43.23 0.71 0.00	45.38 0.93 0.00	49.08 0.93 0.00	42.48 0.63 0.00	31.37 0.34 0.00	30.54 0.06 0.00
MADISON___COUNTY_LFGE 323628	27.15 0.37 -0.51	32.04 0.36 -5.71	24.63 0.26 -5.04	25.42 0.26 -5.11	28.81 0.31 -5.41	35.24 0.43 -4.45	33.88 0.51 -1.14	40.38 0.59 -2.95	39.01 0.48 -4.31	34.44 0.47 -0.60	48.26 0.72 0.00	60.92 0.97 0.00	52.50 0.81 0.00	39.31 0.50 0.00	32.24 0.46 0.00	35.28 0.59 0.00	37.71 0.86 0.00	42.04 0.95 0.00	43.70 1.18 0.00	45.69 1.24 0.00	49.43 1.28 0.00	42.84 0.99 0.00	31.69 0.67 0.00	31.01 0.53 0.00
MALONE___115KV_TB1 356076	-11.86 -1.27 36.87	-18.24 -1.21 43.01	-20.08 -0.86 38.55	-19.90 -0.92 39.03	-18.88 -0.95 41.02	-14.46 -0.98 43.83	26.72 -0.80 4.71	32.14 -0.73 3.96	27.86 -0.47 5.87	32.21 -0.35 0.80	47.04 -0.50 0.00	59.47 -0.48 0.00	51.13 -0.57 0.00	38.31 -0.50 0.00	31.29 -0.48 0.00	34.14 -0.55 0.00	36.24 -0.61 0.00	40.65 -0.43 0.00	42.10 -0.43 0.00	44.31 -0.14 0.00	48.37 0.23 0.00	42.10 0.25 0.00	30.89 -0.14 0.00	30.13 -0.35 0.00
MAPLEWOD_115KV_TB3 80458	27.33 1.05 0.00	27.03 1.06 0.00	20.14 0.81 0.00	20.86 0.82 0.00	24.02 0.94 0.00	31.42 1.07 0.00	33.23 1.01 0.00	38.02 1.19 0.00	35.20 0.99 0.00	34.24 0.88 0.00	48.68 1.14 0.00	61.35 1.40 0.00	52.90 1.20 0.00	39.81 1.00 0.00	32.72 0.95 0.00	35.71 1.03 0.00	37.93 1.08 0.00	42.10 1.01 0.00	43.72 1.20 0.00	45.60 1.16 0.00	49.17 1.02 0.00	42.76 0.90 0.00	31.93 0.91 0.00	31.35 0.87 0.00
MAPLE_RIDGE_WT_1 323574	-39.00 -0.56 64.72	-39.00 -0.57 64.40	-39.00 -0.45 57.88	-39.00 -0.45 58.60	-39.00 -0.60 61.48	-39.00 -0.76 68.59	25.47 -0.82 5.93	35.25 -0.92 0.65	32.38 -0.86 0.96	32.49 -0.74 0.13	46.66 -0.88 0.00	59.36 -0.59 0.00	51.29 -0.41 0.00	38.42 -0.39 0.00	31.42 -0.35 0.00	34.37 -0.32 0.00	36.57 -0.28 0.00	40.82 -0.27 0.00	42.28 -0.24 0.00	44.28 -0.17 0.00	48.01 -0.14 0.00	41.75 -0.10 0.00	30.86 -0.16 0.00	30.19 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	-39.00 -0.56 64.72	-39.00 -0.57 64.40	-39.00 -0.45 57.88	-39.00 -0.45 58.60	-39.00 -0.60 61.48	-39.00 -0.76 68.59	25.47 -0.82 5.93	35.25 -0.92 0.65	32.38 -0.86 0.96	32.49 -0.74 0.13	46.66 -0.88 0.00	59.36 -0.59 0.00	51.29 -0.41 0.00	38.42 -0.39 0.00	31.42 -0.35 0.00	34.37 -0.32 0.00	36.57 -0.28 0.00	40.82 -0.27 0.00	42.28 -0.24 0.00	44.28 -0.17 0.00	48.01 -0.14 0.00	41.75 -0.10 0.00	30.86 -0.16 0.00	30.19 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	-14.20 -1.28 39.20	-17.76 -1.21 42.52	-19.69 -0.86 38.16	-19.52 -0.93 38.63	-18.44 -0.95 40.57	-14.85 -1.02 44.19	27.06 -0.83 4.33	33.67 -0.77 2.39	30.24 -0.43 3.54	32.66 -0.22 0.48	47.25 -0.29 0.00	59.86 -0.09 0.00	51.44 -0.26 0.00	38.59 -0.22 0.00	31.51 -0.26 0.00	34.34 -0.35 0.00	36.37 -0.48 0.00	40.77 -0.32 0.00	42.17 -0.36 0.00	44.33 -0.12 0.00	48.33 0.19 0.00	42.07 0.22 0.00	30.98 -0.04 0.00	30.24 -0.24 0.00
MARSHVLE_115KV_TB1 80742	27.50 1.22 0.00	27.18 1.22 0.00	20.21 0.88 0.00	20.99 0.94 0.00	24.15 1.06 0.00	31.86 1.51 0.00	33.99 1.77 0.00	38.89 2.06 0.00	36.30 2.09 0.00	35.07 1.70 0.00	49.93 2.40 0.00	63.06 3.11 0.00	54.69 2.99 0.00	40.93 2.11 0.00	33.01 1.24 0.00	36.25 1.57 0.00	38.60 1.74 0.00	42.75 1.67 0.00	44.40 1.88 0.00	46.62 2.17 0.00	50.89 2.75 0.00	44.10 2.25 0.00	32.44 1.42 0.00	31.72 1.25 0.00
MARSH_HILL_WT_PWR 323713	24.93 -1.35 0.00	24.39 -1.57 0.00	18.04 -1.29 0.00	18.77 -1.27 0.00	22.22 -1.00 -0.13	29.89 -0.47 0.00	32.19 -0.03 0.00	36.70 -0.13 0.00	33.85 -0.36 0.00	32.52 -0.84 0.00	45.71 -1.83 0.00	57.44 -2.51 0.00	49.88 -1.81 0.00	37.43 -1.38 0.00	30.54 -1.23 0.00	33.72 -0.97 0.00	35.65 -1.21 0.00	39.82 -1.27 0.00	41.87 -0.65 0.00	43.79 -0.66 0.00	47.89 -0.25 0.00	41.67 -0.18 0.00	30.84 -0.18 0.00	30.26 -0.21 0.00
MCINTYRE_115KV_TB2 80467	-7.85 -0.58 33.55	-18.26 -0.52 43.71	-20.16 -0.39 39.11	-19.94 -0.39 39.60	-18.96 -0.39 41.65	-13.16 -0.19 43.32	26.97 -0.01 5.24	30.55 -0.09 6.20	24.79 -0.22 9.19	31.65 -0.45 1.26	46.78 -0.75 0.00	59.53 -0.42 0.00	51.58 -0.11 0.00	38.49 -0.32 0.00	31.33 -0.44 0.00	34.35 -0.34 0.00	36.46 -0.39 0.00	40.81 -0.28 0.00	42.37 -0.15 0.00	44.90 0.45 0.00	49.10 0.95 0.00	42.73 0.88 0.00	31.29 0.27 0.00	30.53 0.05 0.00
MECO_____69_KV_BK1 80468	27.85 1.58 0.00	27.52 1.55 0.00	20.47 1.14 0.00	21.23 1.19 0.00	24.46 1.38 0.00	32.22 1.87 0.00	34.31 2.08 0.00	39.24 2.41 0.00	36.51 2.30 0.00	35.25 1.89 0.00	50.11 2.58 0.00	63.42 3.47 0.00	54.97 3.28 0.00	41.21 2.41 0.00	33.24 1.47 0.00	36.42 1.73 0.00	38.72 1.87 0.00	42.98 1.89 0.00	44.72 2.20 0.00	47.12 2.67 0.00	51.31 3.16 0.00	44.47 2.62 0.00	32.82 1.80 0.00	32.13 1.65 0.00
MENANDS___115KV_TB5 355628	27.22 0.94 0.00	26.93 0.96 0.00	20.06 0.73 0.00	20.78 0.73 0.00	23.93 0.84 0.00	31.28 0.92 0.00	33.07 0.85 0.00	37.84 1.01 0.00	35.01 0.80 0.00	34.08 0.72 0.00	48.42 0.89 0.00	61.03 1.08 0.00	52.60 0.91 0.00	39.59 0.78 0.00	32.56 0.79 0.00	35.56 0.87 0.00	37.77 0.92 0.00	41.94 0.86 0.00	43.48 0.96 0.00	45.34 0.89 0.00	48.84 0.70 0.00	42.50 0.65 0.00	31.77 0.75 0.00	31.20 0.72 0.00
MG INDUSTRY___DRP 24185	27.20 0.92 0.00	26.95 0.97 0.00	20.07 0.74 0.00	20.80 0.76 0.00	23.96 0.87 0.00	31.32 0.96 0.00	33.14 0.91 0.00	37.87 1.04 0.00	35.06 0.85 0.00	34.13 0.76 0.00	48.44 0.90 0.00	61.00 1.05 0.00	52.63 0.94 0.00	39.51 0.70 0.00	32.41 0.64 0.00	35.47 0.78 0.00	37.64 0.79 0.00	41.89 0.80 0.00	43.47 0.94 0.00	45.37 0.92 0.00	48.97 0.83 0.00	42.60 0.75 0.00	31.78 0.75 0.00	31.21 0.73 0.00

MID___OSWEGATCHIE_HYD 23849	2.04 -1.57 22.68	-21.44 -1.42 45.98	-22.67 -1.06 40.94	-22.53 -1.11 41.47	-21.91 -1.25 43.74	-12.81 -1.51 41.65	23.71 -1.53 6.99	21.54 -1.76 13.53	12.33 -1.82 20.06	28.70 -1.92 2.74	45.04 -2.50 0.00	57.64 -2.32 0.00	50.16 -1.54 0.00	37.01 -1.80 0.00	30.41 -1.36 0.00	33.46 -1.23 0.00	35.96 -0.89 0.00	40.23 -0.86 0.00	41.79 -0.73 0.00	44.05 -0.39 0.00	47.83 -0.31 0.00	41.48 -0.37 0.00	30.48 -0.54 0.00	29.64 -0.83 0.00
MID___RAQUETTE_HYD 23851	-7.19 -1.47 32.00	-19.43 -1.37 44.03	-21.05 -1.01 39.37	-20.87 -1.05 39.87	-20.02 -1.16 41.95	-14.00 -1.28 43.08	25.55 -1.19 5.49	28.24 -1.34 7.24	22.18 -1.29 10.74	30.57 -1.33 1.47	45.72 -1.82 0.00	58.05 -1.90 0.00	50.21 -1.48 0.00	37.45 -1.35 0.00	30.58 -1.19 0.00	33.50 -1.19 0.00	35.64 -1.21 0.00	39.83 -1.26 0.00	41.31 -1.22 0.00	43.56 -0.89 0.00	47.50 -0.64 0.00	41.36 -0.49 0.00	30.33 -0.70 0.00	29.57 -0.90 0.00
MILLIKEN___1 23584	26.50 0.22 0.00	26.16 0.20 0.00	19.49 0.16 0.00	20.22 0.17 0.00	23.32 0.23 -0.01	30.65 0.29 0.00	32.66 0.43 0.00	37.28 0.45 0.00	34.63 0.42 0.00	33.64 0.27 0.00	47.67 0.13 0.00	59.84 -0.11 0.00	51.67 -0.02 0.00	38.71 -0.10 0.00	31.66 -0.10 0.00	34.77 0.08 0.00	37.18 0.33 0.00	41.59 0.50 0.00	43.22 0.70 0.00	45.17 0.72 0.00	48.92 0.77 0.00	42.44 0.59 0.00	31.41 0.39 0.00	30.83 0.36 0.00
MILLIKEN___2 23585	26.50 0.22 0.00	26.16 0.20 0.00	19.49 0.16 0.00	20.22 0.17 0.00	23.32 0.23 -0.01	30.65 0.29 0.00	32.66 0.43 0.00	37.28 0.45 0.00	34.63 0.42 0.00	33.64 0.27 0.00	47.67 0.13 0.00	59.84 -0.11 0.00	51.67 -0.02 0.00	38.71 -0.10 0.00	31.66 -0.10 0.00	34.77 0.08 0.00	37.18 0.33 0.00	41.59 0.50 0.00	43.22 0.70 0.00	45.17 0.72 0.00	48.92 0.77 0.00	42.44 0.59 0.00	31.41 0.39 0.00	30.83 0.36 0.00
MILLIKEN___DIESEL 23629	26.50 0.22 0.00	26.16 0.20 0.00	19.49 0.16 0.00	20.22 0.17 0.00	23.32 0.23 -0.01	30.65 0.29 0.00	32.66 0.43 0.00	37.28 0.45 0.00	34.63 0.42 0.00	33.64 0.27 0.00	47.67 0.13 0.00	59.84 -0.11 0.00	51.67 -0.02 0.00	38.71 -0.10 0.00	31.66 -0.10 0.00	34.77 0.08 0.00	37.18 0.33 0.00	41.59 0.50 0.00	43.22 0.70 0.00	45.17 0.72 0.00	48.92 0.77 0.00	42.44 0.59 0.00	31.41 0.39 0.00	30.83 0.36 0.00
MILLSEAT___LFGE 323607	25.13 -1.15 0.00	24.54 -1.43 0.00	18.25 -1.08 0.00	18.98 -1.07 0.00	21.92 -1.14 0.03	29.00 -1.36 0.00	30.97 -1.25 0.00	35.19 -1.64 0.00	32.77 -1.44 0.00	31.74 -1.63 0.00	44.85 -2.69 0.00	56.20 -3.75 0.00	48.92 -2.78 0.00	36.72 -2.09 0.00	29.69 -2.08 0.00	32.49 -2.20 0.00	34.41 -2.45 0.00	38.48 -2.60 0.00	40.38 -2.14 0.00	42.39 -2.05 0.00	46.28 -1.87 0.00	40.05 -1.80 0.00	29.68 -1.34 0.00	29.59 -0.88 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	27.90 1.63 0.00	27.50 1.54 0.00	20.46 1.13 0.00	21.16 1.12 0.00	24.38 1.30 0.00	31.80 1.44 0.00	33.74 1.51 0.00	38.71 1.88 0.00	36.18 1.97 0.00	35.14 1.78 0.00	50.17 2.63 0.00	63.23 3.28 0.00	54.33 2.63 0.00	40.83 2.02 0.00	33.52 1.75 0.00	36.55 1.86 0.00	38.97 2.12 0.00	43.31 2.23 0.00	44.78 2.26 0.00	46.59 2.14 0.00	50.23 2.09 0.00	43.59 1.74 0.00	32.57 1.55 0.00	32.07 1.59 0.00
MILLWOOD_13_KV_LOAD 356217	27.94 1.66 0.00	27.54 1.57 0.00	20.48 1.15 0.00	21.18 1.14 0.00	24.41 1.32 0.00	31.84 1.48 0.00	33.79 1.56 0.00	38.77 1.94 0.00	36.23 2.03 0.00	35.20 1.84 0.00	50.23 2.69 0.00	63.33 3.38 0.00	54.41 2.72 0.00	40.88 2.08 0.00	33.56 1.80 0.00	36.60 1.91 0.00	39.02 2.17 0.00	43.38 2.29 0.00	44.85 2.33 0.00	46.66 2.21 0.00	50.32 2.17 0.00	43.66 1.81 0.00	32.62 1.60 0.00	32.10 1.63 0.00
MODEL_CITY_ENERGY 24167	24.36 -1.92 0.00	23.75 -2.22 0.00	17.66 -1.66 0.00	18.37 -1.67 0.00	21.23 -1.82 0.03	28.04 -2.32 0.00	29.91 -2.31 0.00	33.90 -2.93 0.00	31.69 -2.52 0.00	30.87 -2.50 0.00	43.59 -3.95 0.00	54.68 -5.27 0.00	47.57 -4.13 0.00	35.76 -3.05 0.00	28.86 -2.91 0.00	31.53 -3.17 0.00	33.25 -3.61 0.00	36.95 -4.14 0.00	38.79 -3.73 0.00	40.73 -3.72 0.00	44.52 -3.63 0.00	38.58 -3.27 0.00	28.67 -2.36 0.00	28.73 -1.75 0.00
MODERN_LFGE___ 323580	24.36 -1.92 0.00	23.75 -2.22 0.00	17.66 -1.66 0.00	18.37 -1.67 0.00	21.23 -1.82 0.03	28.04 -2.32 0.00	29.91 -2.31 0.00	33.90 -2.93 0.00	31.69 -2.52 0.00	30.87 -2.50 0.00	43.59 -3.95 0.00	54.68 -5.27 0.00	47.57 -4.13 0.00	35.76 -3.05 0.00	28.86 -2.91 0.00	31.53 -3.17 0.00	33.25 -3.61 0.00	36.95 -4.14 0.00	38.79 -3.73 0.00	40.73 -3.72 0.00	44.52 -3.63 0.00	38.58 -3.27 0.00	28.67 -2.36 0.00	28.73 -1.75 0.00
MOHAWK_PAPER___DRP 24187	27.33 1.05 0.00	27.03 1.06 0.00	20.14 0.81 0.00	20.86 0.82 0.00	24.02 0.94 0.00	31.42 1.07 0.00	33.23 1.01 0.00	38.02 1.19 0.00	35.20 0.99 0.00	34.24 0.88 0.00	48.68 1.14 0.00	61.35 1.40 0.00	52.90 1.20 0.00	39.81 1.00 0.00	32.72 0.95 0.00	35.71 1.03 0.00	37.93 1.08 0.00	42.10 1.01 0.00	43.72 1.20 0.00	45.60 1.16 0.00	49.17 1.02 0.00	42.76 0.90 0.00	31.93 0.91 0.00	31.35 0.87 0.00
MOHICAN___35_KV_115KV_LD 80490	27.94 1.67 0.00	27.64 1.68 0.00	20.57 1.24 0.00	21.33 1.28 0.00	24.48 1.39 0.00	31.84 1.48 0.00	33.45 1.22 0.00	38.05 1.22 0.00	35.00 0.79 0.00	34.09 0.73 0.00	48.53 0.99 0.00	61.10 1.15 0.00	53.15 1.45 0.00	40.65 1.84 0.00	33.51 1.74 0.00	36.02 1.33 0.00	37.85 1.00 0.00	42.20 1.12 0.00	43.63 1.11 0.00	46.00 1.55 0.00	49.69 1.55 0.00	43.30 1.45 0.00	32.24 1.21 0.00	31.90 1.42 0.00
MONGAUP___HYD 23641	27.74 1.46 0.00	27.35 1.38 0.00	20.34 1.01 0.00	21.05 1.00 0.00	24.25 1.16 0.00	31.69 1.33 0.00	33.54 1.31 0.00	38.42 1.59 0.00	35.58 1.37 0.00	34.56 1.20 0.00	49.27 1.73 0.00	61.93 1.98 0.00	53.21 1.51 0.00	40.03 1.22 0.00	32.58 0.81 0.00	35.59 0.90 0.00	38.13 1.28 0.00	42.66 1.58 0.00	44.18 1.66 0.00	46.10 1.66 0.00	49.78 1.63 0.00	43.20 1.35 0.00	32.43 1.40 0.00	31.99 1.51 0.00
MONTAUK___DIESEL 23721	32.70 1.51 -4.91	31.66 1.35 -4.34	21.71 1.00 -1.38	20.98 0.94 0.00	24.98 1.11 -0.79	32.82 1.13 -1.34	36.55 1.17 -3.16	41.42 1.47 -3.12	37.75 1.63 -1.91	39.52 1.50 -4.66	29.08 2.90 21.36	56.17 2.79 6.57	46.52 2.14 7.31	42.69 1.80 -2.07	33.63 1.65 -0.21	45.27 2.28 -8.30	40.81 3.95 -0.01	45.68 4.41 -0.18	50.69 4.80 -3.37	87.90 4.54 -38.91	55.79 2.07 -5.57	35.12 1.65 8.38	35.33 1.64 -2.67	49.16 1.58 -17.10
MOONROAD_115KV_HARTFLD_TB1-2 355988	25.20 -1.08 0.00	24.59 -1.38 0.00	18.15 -1.18 0.00	19.33 -0.71 0.00	22.66 -0.39 0.03	29.67 -0.68 0.00	31.20 -1.03 0.00	35.66 -1.17 0.00	33.54 -0.67 0.00	32.43 -0.93 0.00	45.96 -1.57 0.00	58.11 -1.84 0.00	50.16 -1.53 0.00	37.69 -1.12 0.00	30.33 -1.44 0.00	33.42 -1.27 0.00	35.15 -1.70 0.00	38.99 -2.10 0.00	41.19 -1.33 0.00	43.41 -1.03 0.00	47.34 -0.80 0.00	40.83 -1.02 0.00	30.39 -0.63 0.00	30.21 -0.27 0.00

MORRIS_RIDGE___SOLAR 323848	25.04 -1.24 0.00	24.50 -1.47 0.00	18.21 -1.12 0.00	19.01 -1.04 0.00	21.82 -1.07 0.19	29.40 -0.96 0.00	31.49 -0.73 0.00	35.83 -1.00 0.00	33.02 -1.19 0.00	31.84 -1.52 0.00	45.04 -2.50 0.00	56.72 -3.23 0.00	49.32 -2.38 0.00	36.97 -1.84 0.00	30.08 -1.69 0.00	33.12 -1.57 0.00	34.92 -1.94 0.00	39.07 -2.02 0.00	41.01 -1.51 0.00	42.89 -1.56 0.00	46.88 -1.26 0.00	40.75 -1.10 0.00	30.21 -0.81 0.00	29.85 -0.62 0.00
MORTIMER_115KV_TB3 55949	25.44 -0.84 0.00	24.97 -1.00 0.00	18.58 -0.75 0.00	19.29 -0.75 0.00	22.28 -0.81 0.00	29.37 -0.99 0.00	31.30 -0.93 0.00	35.64 -1.19 0.00	33.18 -1.03 0.00	32.33 -1.03 0.00	45.85 -1.69 0.00	57.64 -2.31 0.00	50.01 -1.68 0.00	37.51 -1.30 0.00	30.44 -1.33 0.00	33.27 -1.42 0.00	35.31 -1.55 0.00	39.34 -1.75 0.00	41.09 -1.42 0.00	43.04 -1.41 0.00	46.84 -1.30 0.00	40.56 -1.29 0.00	30.06 -0.97 0.00	29.74 -0.73 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.15 1.87 0.00	27.74 1.77 0.00	20.64 1.31 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	33.98 1.76 0.00	39.05 2.22 0.00	36.51 2.30 0.00	35.46 2.10 0.00	50.63 3.09 0.00	63.83 3.87 0.00	54.75 3.05 0.00	41.19 2.38 0.00	33.85 2.08 0.00	36.86 2.17 0.00	39.23 2.38 0.00	43.58 2.49 0.00	45.02 2.50 0.00	46.79 2.34 0.00	50.42 2.28 0.00	43.79 1.94 0.00	32.74 1.71 0.00	32.24 1.77 0.00
MUNSVILLE_WIND_PWR 323609	27.02 0.75 0.00	26.71 0.74 0.00	20.01 0.68 0.00	20.73 0.69 0.00	23.94 0.84 -0.01	31.32 0.96 0.00	33.73 1.50 0.00	38.49 1.66 0.00	35.60 1.39 0.00	35.01 1.64 0.00	49.81 2.27 0.00	61.88 1.93 0.00	54.36 2.66 0.00	41.07 2.26 0.00	33.40 1.63 0.00	36.90 2.20 0.00	38.93 2.08 0.00	44.31 3.22 0.00	46.05 3.53 0.00	47.77 3.32 0.00	51.72 3.57 0.00	44.81 2.97 0.00	33.05 2.03 0.00	32.14 1.66 0.00
N SALMON___HYD 24042	-11.86 -1.27 36.87	-18.24 -1.20 43.01	-20.08 -0.86 38.55	-19.90 -0.91 39.03	-18.88 -0.95 41.02	-14.46 -0.98 43.83	26.72 -0.80 4.71	32.13 -0.73 3.96	27.86 -0.47 5.87	32.21 -0.35 0.80	47.04 -0.50 0.00	59.47 -0.48 0.00	51.13 -0.57 0.00	38.31 -0.50 0.00	31.29 -0.48 0.00	34.14 -0.55 0.00	36.24 -0.61 0.00	40.66 -0.43 0.00	42.10 -0.43 0.00	44.31 -0.14 0.00	48.37 0.23 0.00	42.10 0.25 0.00	30.88 -0.14 0.00	30.13 -0.35 0.00
N.AKRON__115KV_KNAPP 355671	24.97 -1.30 0.00	24.37 -1.60 0.00	18.14 -1.19 0.00	18.86 -1.18 0.00	21.80 -1.26 0.03	28.83 -1.53 0.00	30.77 -1.46 0.00	34.93 -1.90 0.00	32.59 -1.62 0.00	31.65 -1.72 0.00	44.73 -2.81 0.00	56.02 -3.93 0.00	48.76 -2.94 0.00	36.61 -2.20 0.00	29.59 -2.18 0.00	32.35 -2.34 0.00	34.19 -2.66 0.00	38.15 -2.93 0.00	40.04 -2.48 0.00	42.04 -2.41 0.00	45.93 -2.22 0.00	39.75 -2.10 0.00	29.48 -1.54 0.00	29.44 -1.04 0.00
N.E_GEN_SANDY PD 24062	28.06 1.31 -0.48	27.27 1.30 0.00	20.95 0.99 -0.63	22.81 1.01 -1.75	25.02 1.15 -0.79	31.99 1.35 -0.29	33.40 1.23 0.06	38.19 1.41 0.05	34.85 1.06 0.42	34.33 0.97 0.00	41.59 1.32 7.27	58.97 1.56 2.54	49.42 1.24 3.51	39.78 1.01 0.04	32.83 1.06 0.00	35.86 1.17 0.00	38.01 1.16 0.00	41.51 1.13 0.71	43.62 1.29 0.19	45.28 1.29 0.45	49.19 1.04 0.00	39.60 1.02 3.28	28.76 1.08 3.34	31.49 1.04 0.02
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	27.89 1.62 0.00	27.49 1.52 0.00	20.45 1.12 0.00	21.15 1.10 0.00	24.36 1.28 0.00	31.79 1.43 0.00	33.74 1.51 0.00	38.70 1.87 0.00	36.18 1.97 0.00	35.14 1.78 0.00	50.17 2.63 0.00	63.24 3.29 0.00	54.36 2.66 0.00	40.83 2.02 0.00	33.53 1.76 0.00	36.56 1.87 0.00	38.99 2.14 0.00	43.34 2.25 0.00	44.81 2.29 0.00	46.62 2.18 0.00	50.27 2.13 0.00	43.60 1.75 0.00	32.57 1.55 0.00	32.06 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	27.95 1.67 0.00	27.53 1.56 0.00	20.49 1.16 0.00	21.17 1.12 0.00	24.40 1.31 0.00	31.50 1.14 0.00	33.61 1.25 -0.13	38.59 1.65 -0.11	36.93 1.81 -0.92	34.84 1.47 0.00	65.46 2.20 -15.73	67.45 2.76 -4.75	61.19 1.84 -7.65	41.09 2.19 -0.08	33.94 2.17 0.00	37.01 2.32 0.00	39.30 2.45 0.00	43.72 2.61 -0.03	45.48 2.59 -0.37	47.84 2.55 -0.85	50.61 2.46 0.00	50.05 2.07 -6.13	39.26 1.92 -6.33	32.41 1.89 -0.04
N.TROY___115KV_TB1 355778	27.41 1.13 0.00	27.11 1.13 0.00	20.19 0.87 0.00	20.93 0.88 0.00	24.08 1.00 0.00	31.48 1.13 0.00	33.25 1.02 0.00	38.01 1.18 0.00	35.10 0.89 0.00	34.17 0.80 0.00	48.61 1.07 0.00	61.21 1.26 0.00	52.78 1.09 0.00	39.78 0.97 0.00	32.74 0.97 0.00	35.70 1.01 0.00	37.83 0.98 0.00	42.03 0.94 0.00	43.62 1.10 0.00	45.60 1.16 0.00	49.14 0.99 0.00	42.78 0.93 0.00	31.96 0.93 0.00	31.39 0.91 0.00
NARROWS_GT1_1 24228	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT1_2 24229	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT1_3 24230	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT1_4 24231	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT1_5 24232	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82

NARROWS_GT1_6 24233	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT1_7 24234	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT1_8 24235	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT2_1 24236	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT2_2 24237	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT2_3 24238	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT2_4 24239	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT2_5 24240	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT2_6 24241	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT2_7 24242	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NARROWS_GT2_8 24243	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.51 1.23 0.00	27.23 1.26 0.00	20.29 0.96 0.00	21.03 0.98 0.00	24.21 1.13 0.00	31.69 1.33 0.00	33.60 1.37 0.00	38.46 1.64 0.00	35.56 1.35 0.00	34.60 1.24 0.00	48.85 1.31 0.00	61.61 1.66 0.00	53.37 1.68 0.00	39.99 1.18 0.00	32.81 1.04 0.00	35.90 1.21 0.00	38.11 1.26 0.00	42.24 1.16 0.00	44.12 1.60 0.00	46.15 1.70 0.00	49.80 1.66 0.00	43.27 1.42 0.00	32.23 1.20 0.00	31.57 1.10 0.00
NCHELSEA_115KV_TR2 355582	28.04 1.76 0.00	27.65 1.68 0.00	20.57 1.24 0.00	21.28 1.24 0.00	24.52 1.43 0.00	32.00 1.64 0.00	33.95 1.73 0.00	38.97 2.14 0.00	36.37 2.16 0.00	35.35 1.98 0.00	50.43 2.89 0.00	63.59 3.64 0.00	54.67 2.98 0.00	41.07 2.26 0.00	33.69 1.92 0.00	36.77 2.08 0.00	39.16 2.30 0.00	43.56 2.47 0.00	45.08 2.55 0.00	46.95 2.50 0.00	50.65 2.51 0.00	43.93 2.08 0.00	32.77 1.74 0.00	32.22 1.74 0.00
NEG CAPITAL____MECHNVIL 23645	27.76 1.49 0.00	27.46 1.49 0.00	20.45 1.12 0.00	21.20 1.15 0.00	24.39 1.31 0.00	31.88 1.53 0.00	33.67 1.45 0.00	38.44 1.61 0.00	35.50 1.29 0.00	34.52 1.15 0.00	49.14 1.60 0.00	61.90 1.95 0.00	53.55 1.86 0.00	40.48 1.67 0.00	33.27 1.50 0.00	36.16 1.47 0.00	38.29 1.43 0.00	42.60 1.51 0.00	44.20 1.68 0.00	46.30 1.85 0.00	49.95 1.80 0.00	43.45 1.60 0.00	32.36 1.34 0.00	31.83 1.36 0.00
NEG CENTRAL_HIGH_ACRES 23767	25.12 -1.15 0.00	24.71 -1.26 0.00	18.38 -0.95 0.00	19.09 -0.96 0.00	22.03 -1.05 0.00	29.06 -1.30 0.00	30.96 -1.27 0.00	35.30 -1.53 0.00	32.83 -1.38 0.00	31.96 -1.40 0.00	45.31 -2.23 0.00	57.01 -2.94 0.00	49.42 -2.27 0.00	37.07 -1.74 0.00	30.12 -1.66 0.00	32.95 -1.74 0.00	35.01 -1.84 0.00	39.04 -2.05 0.00	40.73 -1.79 0.00	42.62 -1.82 0.00	46.34 -1.81 0.00	40.10 -1.75 0.00	29.69 -1.33 0.00	29.34 -1.14 0.00

NEG CENTRAL___DRP 24199	25.93 -0.35 0.00	25.55 -0.42 0.00	19.02 -0.31 0.00	19.75 -0.30 0.00	22.80 -0.30 -0.01	30.06 -0.30 0.00	32.03 -0.20 0.00	36.60 -0.23 0.00	34.00 -0.21 0.00	33.01 -0.36 0.00	46.70 -0.84 0.00	58.74 -1.21 0.00	50.75 -0.95 0.00	38.10 -0.71 0.00	31.13 -0.64 0.00	34.02 -0.66 0.00	36.24 -0.61 0.00	40.50 -0.59 0.00	42.18 -0.34 0.00	44.10 -0.35 0.00	47.79 -0.36 0.00	41.49 -0.36 0.00	30.73 -0.29 0.00	30.23 -0.25 0.00
NEG CENTRAL___INDECK 23768	25.98 -0.29 0.00	25.41 -0.56 0.00	18.88 -0.45 0.00	19.64 -0.40 0.00	22.91 -0.31 -0.14	30.36 0.00 0.00	32.58 0.36 0.00	37.19 0.36 0.00	34.14 -0.07 0.00	32.80 -0.56 0.00	46.36 -1.18 0.00	58.25 -1.70 0.00	50.67 -1.02 0.00	37.94 -0.86 0.00	30.85 -0.91 0.00	33.92 -0.78 0.00	36.06 -0.79 0.00	40.52 -0.57 0.00	42.44 -0.08 0.00	44.65 0.20 0.00	48.74 0.59 0.00	42.30 0.45 0.00	31.27 0.24 0.00	30.80 0.33 0.00
NEG CENTRAL___SENECA 23627	25.95 -0.32 0.00	25.53 -0.44 0.00	18.99 -0.34 0.00	19.73 -0.32 0.00	22.82 -0.29 -0.02	30.13 -0.23 0.00	32.14 -0.08 0.00	36.76 -0.06 0.00	34.14 -0.07 0.00	33.07 -0.30 0.00	46.65 -0.89 0.00	58.67 -1.28 0.00	50.74 -0.95 0.00	38.17 -0.64 0.00	31.13 -0.64 0.00	34.06 -0.63 0.00	36.29 -0.56 0.00	40.58 -0.50 0.00	42.31 -0.21 0.00	44.22 -0.23 0.00	47.94 -0.21 0.00	41.64 -0.21 0.00	30.83 -0.19 0.00	30.35 -0.12 0.00
NEG CENTRAL___STATE_STREET 24147	26.10 -0.18 0.00	25.81 -0.16 0.00	19.24 -0.09 0.00	19.96 -0.09 0.00	23.02 -0.07 0.00	30.29 -0.06 0.00	32.24 0.01 0.00	36.67 -0.16 0.00	34.14 -0.07 0.00	33.12 -0.25 0.00	47.09 -0.45 0.00	59.23 -0.72 0.00	51.13 -0.56 0.00	38.25 -0.57 0.00	31.35 -0.42 0.00	34.26 -0.43 0.00	36.48 -0.38 0.00	40.76 -0.33 0.00	42.49 -0.03 0.00	44.43 -0.01 0.00	48.03 -0.11 0.00	41.75 -0.11 0.00	30.92 -0.10 0.00	30.34 -0.14 0.00
NEG MILLWOOD___DRP 24198	28.10 1.82 0.00	27.71 1.73 0.00	20.60 1.27 0.00	21.31 1.26 0.00	24.55 1.47 0.00	32.05 1.69 0.00	34.01 1.79 0.00	39.06 2.23 0.00	36.47 2.26 0.00	35.45 2.08 0.00	50.57 3.03 0.00	63.78 3.83 0.00	54.79 3.10 0.00	41.16 2.35 0.00	33.79 2.02 0.00	36.85 2.16 0.00	39.24 2.38 0.00	43.65 2.56 0.00	45.18 2.66 0.00	47.04 2.59 0.00	50.71 2.57 0.00	44.00 2.15 0.00	32.82 1.79 0.00	32.27 1.80 0.00
NEG NORTH_FLCN_SEA 23793	-13.77 -1.00 39.05	-17.58 -1.00 42.55	-19.53 -0.68 38.18	-19.35 -0.74 38.66	-18.24 -0.73 40.60	-14.51 -0.70 44.16	27.47 -0.40 4.36	34.22 -0.11 2.49	30.74 0.22 3.69	33.21 0.35 0.51	47.99 0.46 0.00	60.92 0.97 0.00	52.22 0.53 0.00	39.33 0.52 0.00	32.16 0.39 0.00	35.08 0.39 0.00	37.13 0.28 0.00	41.68 0.59 0.00	43.06 0.54 0.00	45.17 0.72 0.00	49.32 1.18 0.00	42.90 1.05 0.00	31.72 0.69 0.00	30.76 0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	-13.52 -1.29 38.51	-17.92 -1.23 42.66	-19.80 -0.86 38.27	-19.63 -0.93 38.75	-18.57 -0.95 40.70	-14.74 -1.02 44.08	26.93 -0.86 4.44	33.18 -0.80 2.85	29.53 -0.45 4.23	32.53 -0.25 0.58	47.11 -0.43 0.00	59.62 -0.33 0.00	51.25 -0.44 0.00	38.41 -0.40 0.00	31.38 -0.39 0.00	34.18 -0.51 0.00	36.21 -0.64 0.00	40.66 -0.43 0.00	42.08 -0.45 0.00	44.27 -0.18 0.00	48.28 0.13 0.00	42.04 0.19 0.00	30.93 -0.09 0.00	30.20 -0.28 0.00
NEG NORTH___ALICE_FALLS 23915	-13.71 -1.03 38.96	-17.62 -1.02 42.57	-19.57 -0.70 38.19	-19.39 -0.76 38.67	-18.28 -0.75 40.61	-14.52 -0.72 44.15	27.44 -0.42 4.37	34.13 -0.15 2.55	30.59 0.16 3.78	33.14 0.30 0.52	47.86 0.32 0.00	60.68 0.73 0.00	52.04 0.35 0.00	39.13 0.32 0.00	32.00 0.22 0.00	34.91 0.22 0.00	36.96 0.11 0.00	41.55 0.46 0.00	42.94 0.42 0.00	45.10 0.65 0.00	49.25 1.11 0.00	42.83 0.98 0.00	31.60 0.58 0.00	30.69 0.21 0.00
NEG NORTH___LWR_SARANAC 23913	-13.71 -1.03 38.96	-17.62 -1.02 42.57	-19.57 -0.70 38.19	-19.39 -0.76 38.67	-18.28 -0.75 40.61	-14.52 -0.72 44.15	27.44 -0.42 4.37	34.13 -0.15 2.55	30.59 0.16 3.78	33.14 0.30 0.52	47.86 0.32 0.00	60.68 0.73 0.00	52.04 0.35 0.00	39.13 0.32 0.00	32.00 0.22 0.00	34.91 0.22 0.00	36.96 0.11 0.00	41.55 0.46 0.00	42.94 0.42 0.00	45.10 0.65 0.00	49.25 1.11 0.00	42.83 0.98 0.00	31.60 0.58 0.00	30.69 0.21 0.00
NEG NORTH___PLATTSBURG 23628	-13.71 -1.03 38.96	-17.62 -1.02 42.57	-19.57 -0.70 38.19	-19.39 -0.76 38.67	-18.28 -0.75 40.61	-14.52 -0.72 44.15	27.44 -0.42 4.37	34.12 -0.16 2.55	30.59 0.16 3.78	33.14 0.30 0.52	47.86 0.32 0.00	60.68 0.73 0.00	52.04 0.35 0.00	39.13 0.32 0.00	32.00 0.22 0.00	34.91 0.22 0.00	36.96 0.11 0.00	41.55 0.46 0.00	42.94 0.42 0.00	45.10 0.65 0.00	49.25 1.11 0.00	42.83 0.98 0.00	31.60 0.58 0.00	30.69 0.21 0.00
NEG WEST_LEA_LOCKPORT 23791	24.58 -1.70 0.00	23.99 -1.99 0.00	17.85 -1.47 0.00	18.58 -1.46 0.00	21.46 -1.59 0.03	28.37 -1.98 0.00	30.25 -1.98 0.00	34.29 -2.54 0.00	32.05 -2.16 0.00	31.20 -2.16 0.00	44.10 -3.43 0.00	55.29 -4.66 0.00	48.11 -3.59 0.00	36.14 -2.67 0.00	29.18 -2.59 0.00	31.87 -2.82 0.00	33.61 -3.25 0.00	37.39 -3.70 0.00	39.27 -3.25 0.00	41.22 -3.22 0.00	45.06 -3.09 0.00	39.04 -2.81 0.00	29.00 -2.02 0.00	29.01 -1.47 0.00
NEG WEST___LANCASTR 23811	25.03 -1.25 0.00	24.51 -1.46 0.00	18.26 -1.07 0.00	19.01 -1.03 0.00	21.96 -1.09 0.03	28.99 -1.36 0.00	30.84 -1.39 0.00	35.17 -1.66 0.00	32.90 -1.31 0.00	32.03 -1.33 0.00	45.33 -2.21 0.00	56.90 -3.05 0.00	49.40 -2.29 0.00	37.04 -1.77 0.00	29.96 -1.81 0.00	32.69 -2.00 0.00	34.38 -2.47 0.00	38.26 -2.83 0.00	40.12 -2.40 0.00	42.11 -2.34 0.00	45.97 -2.18 0.00	39.85 -2.00 0.00	29.61 -1.41 0.00	29.45 -1.02 0.00
NEG_PENN_ALLEGHNY 23528	26.37 0.10 0.00	26.02 0.05 0.00	19.39 0.05 0.00	20.11 0.07 0.00	23.20 0.12 0.00	30.44 0.09 0.00	32.35 0.12 0.00	37.05 0.22 0.00	34.44 0.23 0.00	33.53 0.16 0.00	47.63 0.10 0.00	59.94 -0.01 0.00	51.74 0.05 0.00	38.80 -0.01 0.00	31.71 -0.06 0.00	34.69 0.01 0.00	36.81 -0.04 0.00	41.02 -0.06 0.00	42.63 0.11 0.00	44.56 0.11 0.00	48.30 0.15 0.00	41.94 0.08 0.00	31.14 0.11 0.00	30.68 0.20 0.00
NEG___GEN_MONROE 24207	25.52 -0.76 0.00	25.04 -0.93 0.00	18.62 -0.71 0.00	19.34 -0.70 0.00	22.34 -0.74 0.00	29.47 -0.89 0.00	31.43 -0.80 0.00	35.80 -1.03 0.00	33.31 -0.90 0.00	32.37 -0.99 0.00	45.81 -1.73 0.00	57.55 -2.40 0.00	49.97 -1.73 0.00	37.51 -1.30 0.00	30.44 -1.33 0.00	33.30 -1.39 0.00	35.35 -1.50 0.00	39.43 -1.66 0.00	41.24 -1.28 0.00	43.23 -1.22 0.00	47.04 -1.10 0.00	40.74 -1.12 0.00	30.18 -0.85 0.00	29.89 -0.59 0.00
NEPA___ENERGY 23901	25.36 -0.92 0.00	24.84 -1.14 0.00	18.50 -0.83 0.00	19.35 -0.69 0.00	22.38 -0.67 0.04	29.47 -0.88 0.00	31.21 -1.01 0.00	35.62 -1.20 0.00	33.35 -0.86 0.00	32.48 -0.89 0.00	46.00 -1.54 0.00	57.85 -2.10 0.00	50.10 -1.60 0.00	37.54 -1.27 0.00	30.43 -1.34 0.00	33.16 -1.53 0.00	34.84 -2.01 0.00	38.68 -2.41 0.00	40.63 -1.89 0.00	42.72 -1.73 0.00	46.63 -1.52 0.00	40.42 -1.42 0.00	30.06 -0.96 0.00	29.90 -0.57 0.00

NEVERSINK___HYD 23608	28.04 1.76 0.00	27.66 1.69 0.00	20.57 1.24 0.00	21.29 1.25 0.00	24.55 1.46 0.00	32.08 1.72 0.00	34.07 1.85 0.00	39.09 2.26 0.00	36.46 2.25 0.00	35.44 2.07 0.00	50.53 2.99 0.00	63.75 3.80 0.00	54.78 3.09 0.00	41.16 2.35 0.00	33.72 1.95 0.00	36.78 2.09 0.00	39.20 2.35 0.00	43.74 2.65 0.00	45.31 2.79 0.00	47.25 2.81 0.00	50.98 2.84 0.00	44.16 2.31 0.00	32.88 1.85 0.00	32.31 1.84 0.00
NEWKRMKL_115KV_TB1 55635	27.08 0.81 0.00	26.79 0.83 0.00	19.96 0.63 0.00	20.68 0.64 0.00	23.82 0.73 0.00	31.13 0.77 0.00	32.94 0.71 0.00	37.68 0.85 0.00	34.89 0.68 0.00	33.94 0.58 0.00	48.20 0.66 0.00	60.79 0.84 0.00	52.39 0.70 0.00	39.45 0.64 0.00	32.44 0.67 0.00	35.43 0.74 0.00	37.66 0.81 0.00	41.80 0.71 0.00	43.31 0.79 0.00	45.16 0.71 0.00	48.67 0.52 0.00	42.33 0.48 0.00	31.64 0.61 0.00	31.06 0.58 0.00
NEWTON___FALLS_HYD 23847	2.04 -1.57 22.68	-21.44 -1.42 45.98	-22.67 -1.06 40.94	-22.53 -1.11 41.47	-21.91 -1.25 43.74	-12.81 -1.51 41.65	23.71 -1.53 6.99	21.54 -1.76 13.53	12.33 -1.82 20.06	28.70 -1.92 2.74	45.04 -2.50 0.00	57.64 -2.32 0.00	50.16 -1.54 0.00	37.01 -1.80 0.00	30.41 -1.36 0.00	33.46 -1.23 0.00	35.96 -0.89 0.00	40.23 -0.86 0.00	41.79 -0.73 0.00	44.05 -0.39 0.00	47.83 -0.31 0.00	41.48 -0.37 0.00	30.48 -0.54 0.00	29.64 -0.83 0.00
NGRID_A1_DSASP 323792	24.28 -2.00 0.00	23.85 -2.12 0.00	17.76 -1.57 0.00	18.47 -1.58 0.00	21.30 -1.76 0.03	28.14 -2.22 0.00	29.84 -2.39 0.00	33.78 -3.05 0.00	31.59 -2.62 0.00	30.82 -2.54 0.00	43.55 -3.99 0.00	54.64 -5.30 0.00	47.51 -4.18 0.00	35.71 -3.10 0.00	28.81 -2.96 0.00	31.46 -3.23 0.00	33.18 -3.68 0.00	36.86 -4.23 0.00	38.67 -3.85 0.00	40.59 -3.85 0.00	44.37 -3.78 0.00	38.45 -3.40 0.00	28.57 -2.45 0.00	28.60 -1.87 0.00
NGRID_A2_DSASP 323793	24.28 -2.00 0.00	23.85 -2.12 0.00	17.76 -1.57 0.00	18.47 -1.58 0.00	21.30 -1.76 0.03	28.14 -2.22 0.00	29.84 -2.39 0.00	33.78 -3.05 0.00	31.59 -2.62 0.00	30.82 -2.54 0.00	43.55 -3.99 0.00	54.64 -5.30 0.00	47.51 -4.18 0.00	35.71 -3.10 0.00	28.81 -2.96 0.00	31.46 -3.23 0.00	33.18 -3.68 0.00	36.86 -4.23 0.00	38.67 -3.85 0.00	40.59 -3.85 0.00	44.37 -3.78 0.00	38.45 -3.40 0.00	28.57 -2.45 0.00	28.60 -1.87 0.00
NGRID_A4_DSASP 323807	24.28 -2.00 0.00	23.85 -2.12 0.00	17.76 -1.57 0.00	18.47 -1.58 0.00	21.30 -1.76 0.03	28.14 -2.22 0.00	29.84 -2.39 0.00	33.78 -3.05 0.00	31.59 -2.62 0.00	30.82 -2.54 0.00	43.55 -3.99 0.00	54.64 -5.30 0.00	47.51 -4.18 0.00	35.71 -3.10 0.00	28.81 -2.96 0.00	31.46 -3.23 0.00	33.18 -3.68 0.00	36.86 -4.23 0.00	38.67 -3.85 0.00	40.59 -3.85 0.00	44.37 -3.78 0.00	38.45 -3.40 0.00	28.57 -2.45 0.00	28.60 -1.87 0.00
NIAGARA_115E_LBMP 323715	24.23 -2.05 0.00	23.61 -2.37 0.00	17.56 -1.77 0.00	18.27 -1.78 0.00	21.11 -1.94 0.03	27.87 -2.49 0.00	29.73 -2.49 0.00	33.69 -3.14 0.00	31.50 -2.71 0.00	30.69 -2.68 0.00	43.32 -4.22 0.00	54.33 -5.62 0.00	47.31 -4.38 0.00	35.57 -3.24 0.00	28.68 -3.09 0.00	31.34 -3.35 0.00	33.04 -3.81 0.00	36.71 -4.38 0.00	38.53 -3.99 0.00	40.46 -3.99 0.00	44.22 -3.92 0.00	38.33 -3.52 0.00	28.48 -2.54 0.00	28.58 -1.90 0.00
NIAGARA_115W_LBMP 323714	24.21 -2.07 0.00	23.80 -2.17 0.00	17.72 -1.61 0.00	18.42 -1.62 0.00	21.25 -1.80 0.03	28.07 -2.29 0.00	29.75 -2.48 0.00	33.67 -3.16 0.00	31.49 -2.72 0.00	30.72 -2.64 0.00	43.39 -4.14 0.00	54.45 -5.50 0.00	47.35 -4.34 0.00	35.60 -3.21 0.00	28.71 -3.06 0.00	31.35 -3.34 0.00	33.07 -3.78 0.00	36.73 -4.36 0.00	38.53 -3.99 0.00	40.44 -4.01 0.00	44.21 -3.94 0.00	38.31 -3.54 0.00	28.48 -2.55 0.00	28.51 -1.96 0.00
NIAGARA_230_LBMP 323716	24.45 -1.83 0.00	23.92 -2.05 0.00	17.80 -1.53 0.00	18.51 -1.53 0.00	21.36 -1.69 0.03	28.20 -2.16 0.00	30.02 -2.20 0.00	34.04 -2.79 0.00	31.83 -2.38 0.00	31.04 -2.33 0.00	43.90 -3.63 0.00	55.12 -4.83 0.00	47.92 -3.77 0.00	35.99 -2.82 0.00	29.04 -2.73 0.00	31.72 -2.97 0.00	33.44 -3.41 0.00	37.17 -3.91 0.00	38.99 -3.53 0.00	40.91 -3.53 0.00	44.71 -3.44 0.00	38.75 -3.10 0.00	28.81 -2.22 0.00	28.78 -1.70 0.00
NIAGARA___115KV_198_GIBSON 55903	24.20 -2.08 0.00	23.78 -2.19 0.00	17.72 -1.61 0.00	18.42 -1.62 0.00	21.25 -1.80 0.03	28.07 -2.29 0.00	29.75 -2.48 0.00	33.66 -3.17 0.00	31.49 -2.71 0.00	30.73 -2.64 0.00	43.40 -4.13 0.00	54.44 -5.51 0.00	47.35 -4.34 0.00	35.60 -3.21 0.00	28.72 -3.05 0.00	31.36 -3.33 0.00	33.06 -3.79 0.00	36.73 -4.36 0.00	38.54 -3.99 0.00	40.44 -4.00 0.00	44.20 -3.94 0.00	38.31 -3.54 0.00	28.48 -2.55 0.00	28.52 -1.96 0.00
NIAGARA____ 23760	24.45 -1.83 0.00	23.92 -2.05 0.00	17.80 -1.53 0.00	18.51 -1.53 0.00	21.36 -1.69 0.03	28.20 -2.16 0.00	30.02 -2.20 0.00	34.04 -2.79 0.00	31.83 -2.38 0.00	31.04 -2.33 0.00	43.90 -3.63 0.00	55.12 -4.83 0.00	47.92 -3.77 0.00	35.99 -2.82 0.00	29.04 -2.73 0.00	31.72 -2.97 0.00	33.44 -3.41 0.00	37.17 -3.91 0.00	38.99 -3.53 0.00	40.91 -3.53 0.00	44.71 -3.44 0.00	38.75 -3.10 0.00	28.81 -2.22 0.00	28.78 -1.70 0.00
NINE_MILE_1 23575	25.46 -0.81 0.00	25.15 -0.82 0.00	18.73 -0.60 0.00	19.42 -0.62 0.00	22.37 -0.71 0.00	29.39 -0.97 0.00	31.20 -1.03 0.00	35.61 -1.22 0.00	33.07 -1.14 0.00	32.23 -1.13 0.00	45.87 -1.67 0.00	57.81 -2.14 0.00	49.92 -1.78 0.00	37.44 -1.37 0.00	30.61 -1.16 0.00	33.43 -1.26 0.00	35.56 -1.29 0.00	39.66 -1.43 0.00	41.13 -1.39 0.00	42.99 -1.45 0.00	46.57 -1.58 0.00	40.44 -1.41 0.00	29.98 -1.04 0.00	29.49 -0.99 0.00
NINE_MILE_2 23744	25.46 -0.81 0.00	25.15 -0.82 0.00	18.73 -0.60 0.00	19.42 -0.62 0.00	22.37 -0.71 0.00	29.40 -0.96 0.00	31.20 -1.03 0.00	35.61 -1.22 0.00	33.07 -1.14 0.00	32.23 -1.13 0.00	45.88 -1.66 0.00	57.82 -2.13 0.00	49.92 -1.78 0.00	37.44 -1.37 0.00	30.61 -1.16 0.00	33.43 -1.26 0.00	35.56 -1.29 0.00	39.66 -1.43 0.00	41.13 -1.39 0.00	42.99 -1.45 0.00	46.57 -1.58 0.00	40.44 -1.41 0.00	29.98 -1.04 0.00	29.49 -0.99 0.00
NM_CAPITAL___DRP 24208	27.17 0.89 0.00	26.87 0.90 0.00	20.02 0.69 0.00	20.74 0.69 0.00	23.88 0.80 0.00	31.21 0.85 0.00	33.00 0.77 0.00	37.76 0.92 0.00	34.94 0.72 0.00	34.00 0.64 0.00	48.31 0.77 0.00	60.89 0.94 0.00	52.47 0.78 0.00	39.49 0.69 0.00	32.50 0.73 0.00	35.49 0.80 0.00	37.70 0.84 0.00	41.85 0.77 0.00	43.38 0.85 0.00	45.23 0.78 0.00	48.74 0.59 0.00	42.41 0.56 0.00	31.70 0.68 0.00	31.13 0.65 0.00
NM_CENTRAL___DRP 24181	25.98 -0.30 0.00	25.63 -0.34 0.00	19.09 -0.24 0.00	19.80 -0.25 0.00	22.81 -0.27 0.00	29.98 -0.38 0.00	31.84 -0.38 0.00	36.38 -0.45 0.00	33.80 -0.41 0.00	32.94 -0.42 0.00	46.89 -0.64 0.00	59.05 -0.90 0.00	50.99 -0.70 0.00	38.25 -0.56 0.00	31.28 -0.49 0.00	34.13 -0.57 0.00	36.35 -0.51 0.00	40.52 -0.57 0.00	42.06 -0.46 0.00	43.95 -0.50 0.00	47.60 -0.55 0.00	41.29 -0.56 0.00	30.61 -0.41 0.00	30.10 -0.38 0.00

NM_FRONTIER___DRP 24179	24.20 -2.08 0.00	23.78 -2.19 0.00	17.72 -1.61 0.00	18.42 -1.62 0.00	21.25 -1.80 0.03	28.07 -2.29 0.00	29.75 -2.48 0.00	33.66 -3.17 0.00	31.49 -2.71 0.00	30.73 -2.64 0.00	43.40 -4.13 0.00	54.44 -5.51 0.00	47.35 -4.34 0.00	35.60 -3.21 0.00	28.72 -3.05 0.00	31.36 -3.33 0.00	33.06 -3.79 0.00	36.73 -4.36 0.00	38.54 -3.99 0.00	40.44 -4.00 0.00	44.20 -3.94 0.00	38.31 -3.54 0.00	28.48 -2.55 0.00	28.52 -1.96 0.00
NM_ST_REGIS___HYD 24053	-8.15 -1.42 33.00	-19.18 -1.33 43.82	-20.84 -0.98 39.20	-20.67 -1.02 39.70	-19.78 -1.11 41.76	-14.08 -1.19 43.24	25.82 -1.08 5.33	29.09 -1.17 6.57	23.41 -1.06 9.74	30.96 -1.08 1.33	46.07 -1.47 0.00	58.43 -1.52 0.00	50.44 -1.25 0.00	37.67 -1.14 0.00	30.78 -1.00 0.00	33.66 -1.03 0.00	35.80 -1.06 0.00	40.07 -1.02 0.00	41.53 -1.00 0.00	43.78 -0.67 0.00	47.77 -0.37 0.00	41.59 -0.26 0.00	30.49 -0.53 0.00	29.73 -0.74 0.00
NORTHPORT___1 23551	32.45 2.04 -4.14	31.57 1.93 -3.66	21.95 1.46 -1.16	21.47 1.43 0.00	25.41 1.67 -0.66	33.31 1.84 -1.12	36.64 1.78 -2.63	41.50 2.07 -2.60	37.73 2.13 -1.38	39.19 1.89 -3.94	28.65 2.99 21.88	56.73 3.51 6.73	46.93 2.72 7.49	42.90 2.35 -1.74	33.91 1.98 -0.16	43.79 1.94 -7.15	39.04 2.18 -0.01	43.63 2.36 -0.18	48.30 2.47 -3.32	85.07 2.33 -38.29	55.64 2.10 -5.40	35.31 1.72 8.26	34.24 1.85 -1.37	49.02 1.88 -16.67
NORTHPORT___2 23552	32.45 2.04 -4.14	31.57 1.93 -3.66	21.95 1.46 -1.16	21.47 1.43 0.00	25.41 1.67 -0.66	33.31 1.84 -1.12	36.64 1.78 -2.63	41.50 2.07 -2.60	37.73 2.13 -1.38	39.19 1.89 -3.94	28.65 2.99 21.88	56.73 3.51 6.73	46.93 2.72 7.49	42.90 2.35 -1.74	33.91 1.98 -0.16	43.79 1.94 -7.15	39.04 2.18 -0.01	43.63 2.36 -0.18	48.30 2.47 -3.32	85.07 2.33 -38.29	55.64 2.10 -5.40	35.31 1.72 8.26	34.24 1.85 -1.37	49.02 1.88 -16.67
NORTHPORT___3 23553	32.29 1.90 -4.12	31.43 1.82 -3.64	21.85 1.37 -1.15	21.35 1.31 0.01	25.29 1.55 -0.65	33.20 1.73 -1.11	36.54 1.70 -2.61	41.37 1.95 -2.58	37.51 1.99 -1.31	39.07 1.79 -3.92	27.47 2.80 22.86	56.20 3.28 7.03	46.32 2.56 7.94	42.72 2.18 -1.73	33.80 1.87 -0.15	43.69 1.87 -7.13	38.90 2.03 -0.01	43.49 2.22 -0.18	48.16 2.31 -3.33	85.23 2.19 -38.60	55.56 1.98 -5.44	34.79 1.60 8.66	33.64 1.67 -0.94	48.95 1.72 -16.76
NORTHPORT___4 23650	32.29 1.90 -4.12	31.43 1.82 -3.64	21.85 1.37 -1.15	21.35 1.31 0.01	25.29 1.55 -0.65	33.20 1.73 -1.11	36.54 1.70 -2.61	41.37 1.95 -2.58	37.51 1.99 -1.31	39.07 1.79 -3.92	27.47 2.80 22.86	56.20 3.28 7.03	46.32 2.56 7.94	42.72 2.18 -1.73	33.80 1.87 -0.15	43.69 1.87 -7.13	38.90 2.03 -0.01	43.49 2.22 -0.18	48.16 2.31 -3.33	85.23 2.19 -38.60	55.56 1.98 -5.44	34.79 1.60 8.66	33.64 1.67 -0.94	48.95 1.72 -16.76
NORTHPORT___IC 23718	32.44 2.03 -4.14	31.56 1.93 -3.66	21.95 1.46 -1.16	21.47 1.42 0.00	25.41 1.67 -0.66	33.31 1.84 -1.12	36.64 1.78 -2.63	41.50 2.06 -2.60	37.71 2.12 -1.38	39.19 1.89 -3.94	28.62 2.96 21.88	56.76 3.54 6.73	46.94 2.74 7.49	42.89 2.34 -1.74	33.91 1.98 -0.16	43.80 1.95 -7.15	39.04 2.18 -0.01	43.63 2.36 -0.18	48.31 2.47 -3.32	85.09 2.34 -38.29	55.64 2.09 -5.40	35.34 1.75 8.26	34.24 1.85 -1.37	49.03 1.88 -16.67
NORTH___COUNTRY_ESR 323785	-13.57 -1.34 38.50	-17.96 -1.27 42.67	-19.85 -0.91 38.27	-19.68 -0.98 38.75	-18.63 -1.01 40.70	-14.81 -1.08 44.08	26.85 -0.93 4.44	33.07 -0.90 2.86	29.42 -0.55 4.24	32.47 -0.32 0.58	47.10 -0.44 0.00	59.60 -0.35 0.00	51.24 -0.45 0.00	38.41 -0.40 0.00	31.37 -0.40 0.00	34.17 -0.52 0.00	36.20 -0.65 0.00	40.59 -0.49 0.00	42.00 -0.52 0.00	44.17 -0.28 0.00	48.13 -0.01 0.00	41.92 0.07 0.00	30.83 -0.20 0.00	30.12 -0.35 0.00
NPX_GEN_1385_PROXY 323591	32.45 2.03 -4.14	31.57 1.93 -3.66	21.96 1.47 -1.16	21.48 1.44 0.00	25.42 1.68 -0.66	33.30 1.83 -1.12	36.64 1.78 -2.63	41.57 2.14 -2.60	37.72 2.13 -1.38	39.15 1.85 -3.94	28.67 3.01 21.88	56.71 3.49 6.73	46.93 2.72 7.49	42.90 2.35 -1.74	33.89 1.97 -0.16	43.78 1.94 -7.15	39.03 2.17 -0.01	43.59 2.32 -0.18	48.17 2.34 -3.32	85.03 2.28 -38.29	55.63 2.09 -5.40	35.30 1.70 8.26	34.21 1.82 -1.37	49.00 1.86 -16.67
NPX_GEN_CSC 323557	33.35 2.19 -4.89	32.30 2.01 -4.33	22.21 1.51 -1.38	21.52 1.48 0.00	25.59 1.72 -0.79	33.61 1.92 -1.34	37.33 1.96 -3.15	42.25 2.31 -3.10	38.53 2.42 -1.89	40.25 2.24 -4.64	29.74 3.60 21.40	57.39 4.03 6.58	47.51 3.14 7.32	43.65 2.77 -2.07	34.27 2.29 -0.21	45.30 2.33 -8.27	39.60 2.74 -0.01	44.39 3.12 -0.18	49.30 3.42 -3.36	86.61 3.27 -38.89	56.43 2.72 -5.57	35.69 2.24 8.39	35.85 2.20 -2.62	49.75 2.18 -17.09
NSINS_S_GLNS_FALLS 23858	27.92 1.64 0.00	27.62 1.65 0.00	20.54 1.21 0.00	21.31 1.26 0.00	24.44 1.35 0.00	31.79 1.44 0.00	33.40 1.17 0.00	38.00 1.17 0.00	34.96 0.76 0.00	34.07 0.71 0.00	48.49 0.95 0.00	61.09 1.14 0.00	53.17 1.48 0.00	40.66 1.85 0.00	33.51 1.74 0.00	35.97 1.28 0.00	37.81 0.96 0.00	42.16 1.07 0.00	43.61 1.09 0.00	45.91 1.47 0.00	49.63 1.48 0.00	43.22 1.37 0.00	32.17 1.15 0.00	31.90 1.43 0.00
NUCOR_STEEL___DRP 24197	26.07 -0.20 0.00	25.80 -0.17 0.00	19.24 -0.09 0.00	19.95 -0.09 0.00	23.01 -0.07 0.00	30.28 -0.08 0.00	32.21 -0.02 0.00	36.61 -0.22 0.00	34.10 -0.11 0.00	33.08 -0.29 0.00	47.07 -0.47 0.00	59.22 -0.73 0.00	51.12 -0.57 0.00	38.22 -0.59 0.00	31.34 -0.43 0.00	34.24 -0.45 0.00	36.43 -0.42 0.00	40.71 -0.38 0.00	42.44 -0.08 0.00	44.39 -0.05 0.00	47.97 -0.18 0.00	41.70 -0.15 0.00	30.89 -0.13 0.00	30.30 -0.18 0.00
NUMBER_THREE_WT_PWR 323818	12.86 -1.32 12.10	-30.97 -1.03 55.91	-30.97 -0.78 49.52	-30.97 -0.84 50.18	-30.97 -0.98 53.07	-16.81 -1.34 45.83	20.46 -1.45 10.31	10.12 -1.67 25.04	-4.73 -1.80 37.13	26.33 -1.95 5.08	45.18 -2.36 0.00	58.22 -1.74 0.00	50.95 -0.74 0.00	37.31 -1.50 0.00	30.84 -0.93 0.00	34.04 -0.65 0.00	36.90 0.05 0.00	41.31 0.22 0.00	42.98 0.46 0.00	45.24 0.79 0.00	48.94 0.79 0.00	42.28 0.43 0.00	31.16 0.14 0.00	30.21 -0.27 0.00
NYISO_LBMP_REFERENCE 24008	26.28 0.00 0.00	25.97 0.00 0.00	19.33 0.00 0.00	20.05 0.00 0.00	23.09 0.00 0.00	30.36 0.00 0.00	32.23 0.00 0.00	36.83 0.00 0.00	34.21 0.00 0.00	33.36 0.00 0.00	47.54 0.00 0.00	59.95 0.00 0.00	51.69 0.00 0.00	38.81 0.00 0.00	31.77 0.00 0.00	34.69 0.00 0.00	36.85 0.00 0.00	41.09 0.00 0.00	42.52 0.00 0.00	44.45 0.00 0.00	48.14 0.00 0.00	41.85 0.00 0.00	31.02 0.00 0.00	30.48 0.00 0.00
NYPA_BRENTWD____GT 24164	34.34 2.27 -5.79	33.23 2.14 -5.12	22.57 1.60 -1.64	21.62 1.58 0.00	25.86 1.84 -0.94	34.03 2.08 -1.59	38.11 2.11 -3.78	43.06 2.52 -3.71	39.37 2.56 -2.60	41.18 2.32 -5.49	31.85 3.59 19.28	58.29 4.27 5.93	48.71 3.38 6.36	44.14 2.86 -2.47	34.42 2.38 -0.27	46.61 2.31 -9.62	39.51 2.65 -0.01	44.18 2.91 -0.19	49.09 3.11 -3.46	87.13 2.99 -39.69	56.67 2.76 -5.77	36.27 2.29 7.86	38.11 2.23 -4.85	50.29 2.22 -17.59

NYPA_GOWANUS____GT5 24156	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NYPA_GOWANUS____GT6 24157	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.31 -6.78	45.19 2.40 -8.57	47.10 2.22 -11.51	52.31 3.27 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.82 2.54 -4.47	45.90 2.23 -11.89	44.57 2.31 -7.57	102.60 2.53 -63.22	69.89 2.59 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.81 1.80 -16.98	36.13 1.84 -3.82
NYPA_HARLEM__RVR__GT1 24160	27.95 1.67 0.00	27.52 1.55 0.00	20.49 1.16 0.00	21.17 1.12 0.00	24.40 1.31 0.00	3.20 1.15 28.30	-49.54 1.24 83.01	38.46 1.63 0.00	35.92 1.71 0.00	34.82 1.46 0.00	49.68 2.14 0.00	62.62 2.67 0.00	53.43 1.74 0.01	40.94 2.13 0.00	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.59 2.51 0.00	45.00 2.48 0.00	46.83 2.38 0.00	50.52 2.38 0.00	43.86 2.01 0.00	32.82 1.79 0.00	32.31 1.83 0.00
NYPA_HARLEM__RVR__GT2 24161	27.95 1.67 0.00	27.52 1.55 0.00	20.49 1.16 0.00	21.17 1.12 0.00	24.40 1.31 0.00	3.20 1.15 28.30	-49.54 1.24 83.01	38.46 1.63 0.00	35.92 1.71 0.00	34.82 1.46 0.00	49.68 2.14 0.00	62.62 2.67 0.00	53.43 1.74 0.01	40.94 2.13 0.00	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.59 2.51 0.00	45.00 2.48 0.00	46.83 2.38 0.00	50.52 2.38 0.00	43.86 2.01 0.00	32.82 1.79 0.00	32.31 1.83 0.00
NYPA_KENT____GT 24152	28.25 1.98 0.00	27.89 1.92 0.00	20.75 1.42 0.00	21.45 1.40 0.00	24.71 1.62 0.00	32.19 1.83 0.00	38.20 1.87 -4.10	43.24 2.30 -4.11	41.81 2.40 -5.19	42.56 2.22 -6.98	51.73 3.28 -0.91	64.00 4.05 0.00	54.88 3.19 0.00	44.06 2.54 -2.71	41.26 2.23 -7.27	41.59 2.31 -4.58	77.71 2.53 -38.32	59.58 2.61 -15.88	53.84 2.61 -8.71	46.85 2.40 0.00	50.50 2.36 0.00	46.10 2.04 -2.21	43.12 1.81 -10.28	34.63 1.84 -2.31
NYPA_POUCHI____GT 24155	28.24 1.96 0.00	28.03 2.06 0.00	20.86 1.53 0.00	21.57 1.52 0.00	24.84 1.76 0.00	32.37 2.01 0.00	40.95 1.95 -6.77	45.82 2.21 -6.78	45.06 2.27 -8.57	46.47 2.06 -11.05	51.62 3.01 -1.07	63.64 3.69 0.00	54.36 2.89 0.22	45.64 2.37 -4.47	45.76 2.10 -11.89	43.26 2.13 -6.44	101.82 2.33 -62.63	69.67 2.37 -26.21	59.31 2.41 -14.38	46.73 2.29 0.00	50.35 2.21 0.00	47.43 1.93 -3.65	49.69 1.69 -16.98	36.05 1.76 -3.82
NYPA_VERNON____GT2 24162	28.23 1.95 0.00	27.84 1.87 0.00	20.71 1.38 0.00	21.42 1.37 0.00	24.67 1.59 0.00	32.13 1.77 0.00	35.48 1.83 -1.43	40.55 2.29 -1.44	38.42 2.40 -1.81	38.03 2.23 -2.43	51.15 3.29 -0.32	64.04 4.09 0.00	54.91 3.21 0.00	42.29 2.53 -0.94	36.64 2.23 -2.63	38.61 2.32 -1.60	52.81 2.54 -13.42	49.27 2.64 -5.54	48.19 2.62 -3.04	46.84 2.39 0.00	50.49 2.34 0.00	44.65 2.02 -0.77	36.42 1.81 -3.59	33.12 1.84 -0.81
NYPA_VERNON____GT3 24163	28.23 1.95 0.00	27.84 1.87 0.00	20.71 1.38 0.00	21.42 1.37 0.00	24.67 1.59 0.00	32.13 1.77 0.00	35.48 1.83 -1.43	40.55 2.29 -1.44	38.42 2.40 -1.81	38.03 2.23 -2.43	51.15 3.29 -0.32	64.04 4.09 0.00	54.91 3.21 0.00	42.29 2.53 -0.94	36.64 2.23 -2.63	38.61 2.32 -1.60	52.81 2.54 -13.42	49.27 2.64 -5.54	48.19 2.62 -3.04	46.84 2.39 0.00	50.49 2.34 0.00	44.65 2.02 -0.77	36.42 1.81 -3.59	33.12 1.84 -0.81
NYPA__ASTORIA_CC1 323568	28.21 1.93 0.00	27.81 1.84 0.00	20.69 1.36 0.00	21.40 1.35 0.00	24.64 1.55 0.00	32.07 1.72 0.00	33.99 1.76 0.00	39.05 2.22 0.00	36.55 2.34 0.00	35.54 2.18 0.00	50.74 3.21 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.28 2.47 0.00	34.07 2.18 -0.12	36.95 2.26 0.00	39.38 2.49 -0.05	43.65 2.57 0.00	45.07 2.55 0.00	46.76 2.31 0.00	50.39 2.24 0.00	43.80 1.95 0.00	32.78 1.76 0.00	32.27 1.79 0.00
NYPA__ASTORIA_CC2 323569	28.21 1.93 0.00	27.81 1.84 0.00	20.69 1.36 0.00	21.40 1.35 0.00	24.64 1.55 0.00	32.07 1.72 0.00	33.99 1.76 0.00	39.05 2.22 0.00	36.55 2.34 0.00	35.54 2.18 0.00	50.74 3.21 0.00	63.92 3.97 0.00	54.83 3.13 0.00	41.28 2.47 0.00	34.07 2.18 -0.12	36.95 2.26 0.00	39.38 2.49 -0.05	43.65 2.57 0.00	45.07 2.55 0.00	46.76 2.31 0.00	50.39 2.24 0.00	43.80 1.95 0.00	32.78 1.76 0.00	32.27 1.79 0.00
NYPA__HOLTSVILL 23794	33.17 2.08 -4.81	32.17 1.95 -4.25	22.15 1.46 -1.36	21.47 1.43 0.00	25.53 1.67 -0.78	33.52 1.85 -1.31	37.17 1.85 -3.09	42.08 2.20 -3.05	38.33 2.29 -1.84	40.02 2.09 -4.57	29.25 3.27 21.56	57.10 3.78 6.63	47.26 2.96 7.39	43.42 2.58 -2.03	34.13 2.16 -0.20	44.95 2.11 -8.16	39.26 2.40 -0.01	43.94 2.67 -0.18	48.75 2.87 -3.35	85.98 2.71 -38.82	56.07 2.38 -5.55	35.41 1.99 8.43	35.51 2.05 -2.44	49.59 2.06 -17.05
NYPA____HELLGATE_GT1 24158	27.95 1.67 0.00	27.52 1.55 0.00	20.49 1.16 0.00	21.17 1.12 0.00	24.40 1.31 0.00	59.83 1.15 -28.33	116.56 1.24 -83.09	38.46 1.63 0.00	35.92 1.71 0.00	34.82 1.46 0.00	49.68 2.14 0.00	62.62 2.67 0.00	53.43 1.74 0.01	40.94 2.13 0.00	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.59 2.51 0.00	45.00 2.48 0.00	46.83 2.38 0.00	50.52 2.38 0.00	43.86 2.01 0.00	32.82 1.79 0.00	32.31 1.83 0.00
NYPA____HELLGATE_GT2 24159	27.95 1.67 0.00	27.52 1.55 0.00	20.49 1.16 0.00	21.17 1.12 0.00	24.40 1.31 0.00	59.83 1.15 -28.33	116.56 1.24 -83.09	38.46 1.63 0.00	35.92 1.71 0.00	34.82 1.46 0.00	49.68 2.14 0.00	62.62 2.67 0.00	53.43 1.74 0.01	40.94 2.13 0.00	33.90 2.13 0.00	36.95 2.26 0.00	39.24 2.39 0.00	43.59 2.51 0.00	45.00 2.48 0.00	46.83 2.38 0.00	50.52 2.38 0.00	43.86 2.01 0.00	32.82 1.79 0.00	32.31 1.83 0.00
NYS_BARGE__HYD 23848	24.59 -1.69 0.00	23.99 -1.98 0.00	17.85 -1.48 0.00	18.57 -1.48 0.00	21.45 -1.60 0.03	28.35 -2.01 0.00	30.24 -1.99 0.00	34.29 -2.54 0.00	32.03 -2.18 0.00	31.18 -2.19 0.00	44.06 -3.48 0.00	55.25 -4.70 0.00	48.07 -3.62 0.00	36.13 -2.68 0.00	29.15 -2.62 0.00	31.84 -2.85 0.00	33.60 -3.26 0.00	37.37 -3.72 0.00	39.26 -3.27 0.00	41.22 -3.23 0.00	45.05 -3.10 0.00	39.04 -2.81 0.00	28.99 -2.04 0.00	29.01 -1.47 0.00
OAK ORCHARD__HYD 24046	25.43 -0.84 0.00	24.98 -0.99 0.00	18.58 -0.75 0.00	19.29 -0.75 0.00	22.28 -0.81 0.00	29.36 -0.99 0.00	31.30 -0.93 0.00	35.65 -1.18 0.00	33.18 -1.03 0.00	32.32 -1.04 0.00	45.85 -1.69 0.00	57.65 -2.30 0.00	50.01 -1.68 0.00	37.51 -1.30 0.00	30.43 -1.34 0.00	33.27 -1.42 0.00	35.31 -1.54 0.00	39.34 -1.75 0.00	41.10 -1.42 0.00	43.04 -1.40 0.00	46.84 -1.30 0.00	40.56 -1.29 0.00	30.06 -0.97 0.00	29.75 -0.73 0.00

OAKDALE___35_KV_LOAD 356122	26.34 0.06 0.00	25.99 0.02 0.00	19.36 0.03 0.00	20.09 0.04 0.00	23.17 0.09 0.00	30.39 0.04 0.00	32.28 0.05 0.00	36.94 0.11 0.00	34.36 0.15 0.00	33.46 0.10 0.00	47.55 0.01 0.00	59.84 -0.11 0.00	51.65 -0.05 0.00	38.75 -0.07 0.00	31.68 -0.10 0.00	34.63 -0.06 0.00	36.73 -0.13 0.00	40.93 -0.16 0.00	42.52 0.00 0.00	44.44 0.00 0.00	48.17 0.02 0.00	41.83 -0.02 0.00	31.08 0.05 0.00	30.61 0.13 0.00
OCC_CHEM___DRP 24175	24.27 -2.01 0.00	23.83 -2.14 0.00	17.75 -1.58 0.00	18.46 -1.58 0.00	21.30 -1.75 0.03	28.14 -2.22 0.00	29.84 -2.39 0.00	33.77 -3.06 0.00	31.59 -2.62 0.00	30.83 -2.54 0.00	43.55 -3.98 0.00	54.63 -5.32 0.00	47.51 -4.19 0.00	35.72 -3.09 0.00	28.81 -2.96 0.00	31.47 -3.22 0.00	33.17 -3.69 0.00	36.85 -4.23 0.00	38.68 -3.84 0.00	40.58 -3.86 0.00	44.37 -3.78 0.00	38.45 -3.40 0.00	28.57 -2.45 0.00	28.61 -1.87 0.00
OH_GEN_PROXY 24063	24.50 -1.77 0.00	23.98 -1.99 0.00	17.85 -1.48 0.00	18.56 -1.48 0.00	21.42 -1.64 0.03	28.27 -2.08 0.00	30.10 -2.13 0.00	34.16 -2.67 0.00	31.93 -2.28 0.00	31.16 -2.21 0.00	44.09 -3.45 0.00	55.33 -4.62 0.00	48.10 -3.60 0.00	36.11 -2.70 0.00	29.15 -2.62 0.00	31.83 -2.86 0.00	33.55 -3.31 0.00	37.29 -3.80 0.00	39.11 -3.41 0.00	41.05 -3.40 0.00	44.84 -3.31 0.00	38.87 -2.98 0.00	28.88 -2.15 0.00	28.83 -1.64 0.00
OLIN_CORP_DRP 24177	24.28 -2.00 0.00	23.66 -2.31 0.00	17.61 -1.72 0.00	18.31 -1.73 0.00	21.16 -1.90 0.03	27.95 -2.41 0.00	29.81 -2.42 0.00	33.76 -3.07 0.00	31.59 -2.62 0.00	30.78 -2.59 0.00	43.46 -4.08 0.00	54.49 -5.46 0.00	47.42 -4.27 0.00	35.66 -3.15 0.00	28.78 -2.99 0.00	31.43 -3.26 0.00	33.13 -3.73 0.00	36.81 -4.28 0.00	38.65 -3.87 0.00	40.56 -3.89 0.00	44.34 -3.81 0.00	38.43 -3.42 0.00	28.56 -2.46 0.00	28.63 -1.84 0.00
OLIN_CORP_DSASP 323712	24.28 -2.00 0.00	23.85 -2.12 0.00	17.76 -1.57 0.00	18.47 -1.58 0.00	21.30 -1.76 0.03	28.14 -2.22 0.00	29.84 -2.39 0.00	33.78 -3.05 0.00	31.59 -2.62 0.00	30.82 -2.54 0.00	43.55 -3.99 0.00	54.64 -5.30 0.00	47.51 -4.18 0.00	35.71 -3.10 0.00	28.81 -2.96 0.00	31.46 -3.23 0.00	33.18 -3.68 0.00	36.86 -4.23 0.00	38.67 -3.85 0.00	40.59 -3.85 0.00	44.37 -3.78 0.00	38.45 -3.40 0.00	28.57 -2.45 0.00	28.60 -1.87 0.00
ONEIDA_HERK_LFGE 323681	25.27 -0.19 0.81	40.69 -0.10 -14.82	32.31 -0.08 -13.06	33.19 -0.10 -13.24	37.01 -0.11 -14.04	41.08 -0.17 -10.90	35.27 -0.16 -3.20	45.53 -0.18 -8.88	47.31 -0.32 -13.41	34.82 -0.38 -1.84	47.15 -0.38 0.00	59.91 -0.03 0.00	51.97 0.28 0.00	38.59 -0.22 0.00	31.75 -0.02 0.00	34.86 0.17 0.00	37.40 0.55 0.00	41.78 0.69 0.00	43.38 0.86 0.00	45.47 1.02 0.00	49.19 1.04 0.00	42.61 0.76 0.00	31.49 0.47 0.00	30.75 0.27 0.00
ONEIDA___115KV_TB4 55905	27.15 0.37 -0.51	32.04 0.36 -5.71	24.63 0.26 -5.04	25.42 0.26 -5.11	28.81 0.31 -5.41	35.24 0.43 -4.45	33.88 0.51 -1.14	40.38 0.59 -2.95	39.01 0.48 -4.31	34.44 0.47 -0.60	48.26 0.72 0.00	60.92 0.97 0.00	52.50 0.81 0.00	39.31 0.50 0.00	32.24 0.46 0.00	35.28 0.59 0.00	37.71 0.86 0.00	42.04 0.95 0.00	43.70 1.18 0.00	45.69 1.24 0.00	49.43 1.28 0.00	42.84 0.99 0.00	31.69 0.67 0.00	31.01 0.53 0.00
ONONDAGA_REF_OCCRA 23987	26.14 -0.13 0.00	25.79 -0.18 0.00	19.21 -0.12 0.00	19.92 -0.13 0.00	22.96 -0.13 0.00	30.17 -0.18 0.00	32.06 -0.17 0.00	36.63 -0.20 0.00	34.07 -0.14 0.00	33.22 -0.14 0.00	47.29 -0.24 0.00	59.53 -0.42 0.00	51.42 -0.27 0.00	38.57 -0.24 0.00	31.51 -0.26 0.00	34.33 -0.36 0.00	36.60 -0.26 0.00	40.82 -0.27 0.00	42.38 -0.14 0.00	44.28 -0.16 0.00	47.96 -0.19 0.00	41.59 -0.26 0.00	30.83 -0.20 0.00	30.31 -0.17 0.00
ONONDAGA___COGEN 23986	26.01 -0.27 0.00	25.67 -0.30 0.00	19.12 -0.21 0.00	19.84 -0.21 0.00	22.86 -0.22 0.00	30.05 -0.30 0.00	31.93 -0.29 0.00	36.47 -0.37 0.00	33.87 -0.34 0.00	32.99 -0.38 0.00	46.94 -0.60 0.00	59.08 -0.87 0.00	51.02 -0.67 0.00	38.25 -0.56 0.00	31.28 -0.49 0.00	34.16 -0.53 0.00	36.37 -0.48 0.00	40.61 -0.48 0.00	42.17 -0.35 0.00	44.08 -0.37 0.00	47.72 -0.43 0.00	41.40 -0.45 0.00	30.68 -0.35 0.00	30.14 -0.34 0.00
ONTARIO___LFGE 23819	25.95 -0.33 0.00	25.52 -0.45 0.00	18.99 -0.34 0.00	19.72 -0.32 0.00	22.81 -0.29 -0.02	30.13 -0.23 0.00	32.15 -0.08 0.00	36.76 -0.06 0.00	34.14 -0.07 0.00	33.06 -0.30 0.00	46.65 -0.89 0.00	58.68 -1.26 0.00	50.74 -0.96 0.00	38.18 -0.64 0.00	31.13 -0.64 0.00	34.06 -0.63 0.00	36.29 -0.57 0.00	40.59 -0.50 0.00	42.31 -0.21 0.00	44.22 -0.23 0.00	47.94 -0.21 0.00	41.64 -0.21 0.00	30.83 -0.19 0.00	30.35 -0.12 0.00
ORANGEVILLE_WT_PWR 323706	24.83 -1.45 0.00	24.29 -1.68 0.00	18.06 -1.27 0.00	18.90 -1.15 0.00	21.71 -1.25 0.13	29.08 -1.28 0.00	31.09 -1.14 0.00	35.34 -1.49 0.00	32.75 -1.46 0.00	31.72 -1.64 0.00	44.84 -2.69 0.00	56.41 -3.54 0.00	49.05 -2.64 0.00	36.80 -2.02 0.00	29.84 -1.93 0.00	32.72 -1.97 0.00	34.45 -2.40 0.00	38.49 -2.60 0.00	40.43 -2.09 0.00	42.37 -2.08 0.00	46.31 -1.84 0.00	40.20 -1.65 0.00	29.81 -1.22 0.00	29.54 -0.94 0.00
ORANGEVILLE___ESR 323794	24.83 -1.45 0.00	24.29 -1.68 0.00	18.06 -1.27 0.00	18.90 -1.15 0.00	21.71 -1.25 0.13	29.08 -1.28 0.00	31.09 -1.14 0.00	35.34 -1.49 0.00	32.75 -1.46 0.00	31.72 -1.64 0.00	44.84 -2.69 0.00	56.41 -3.54 0.00	49.05 -2.64 0.00	36.80 -2.02 0.00	29.84 -1.93 0.00	32.72 -1.97 0.00	34.45 -2.40 0.00	38.49 -2.60 0.00	40.43 -2.09 0.00	42.37 -2.08 0.00	46.31 -1.84 0.00	40.20 -1.65 0.00	29.81 -1.22 0.00	29.54 -0.94 0.00
OSWEGATCHIE___HYD 24044	2.03 -1.57 22.68	-21.44 -1.42 45.98	-22.67 -1.06 40.94	-22.53 -1.11 41.47	-21.91 -1.25 43.74	-12.81 -1.51 41.65	23.70 -1.53 6.99	21.54 -1.76 13.53	12.33 -1.82 20.06	28.70 -1.92 2.74	45.04 -2.50 0.00	57.63 -2.32 0.00	50.16 -1.54 0.00	37.01 -1.80 0.00	30.41 -1.36 0.00	33.46 -1.23 0.00	35.96 -0.89 0.00	40.23 -0.86 0.00	41.79 -0.73 0.00	44.05 -0.39 0.00	47.84 -0.31 0.00	41.48 -0.36 0.00	30.48 -0.54 0.00	29.64 -0.83 0.00
OSWEGO___5 23606	25.61 -0.67 0.00	25.29 -0.68 0.00	18.83 -0.49 0.00	19.53 -0.51 0.00	22.51 -0.58 0.00	29.58 -0.78 0.00	31.40 -0.83 0.00	35.83 -1.00 0.00	33.28 -0.93 0.00	32.43 -0.94 0.00	46.16 -1.38 0.00	58.16 -1.79 0.00	50.21 -1.48 0.00	37.67 -1.14 0.00	30.80 -0.97 0.00	33.64 -1.05 0.00	35.78 -1.07 0.00	39.90 -1.18 0.00	41.41 -1.11 0.00	43.29 -1.16 0.00	46.88 -1.26 0.00	40.71 -1.15 0.00	30.19 -0.84 0.00	29.68 -0.80 0.00
OSWEGO___6 23613	25.61 -0.67 0.00	25.29 -0.68 0.00	18.83 -0.49 0.00	19.53 -0.51 0.00	22.51 -0.58 0.00	29.58 -0.78 0.00	31.40 -0.83 0.00	35.83 -1.00 0.00	33.28 -0.93 0.00	32.43 -0.94 0.00	46.16 -1.38 0.00	58.16 -1.79 0.00	50.21 -1.48 0.00	37.67 -1.14 0.00	30.80 -0.97 0.00	33.64 -1.05 0.00	35.78 -1.07 0.00	39.90 -1.18 0.00	41.41 -1.11 0.00	43.29 -1.16 0.00	46.88 -1.26 0.00	40.71 -1.15 0.00	30.19 -0.84 0.00	29.68 -0.80 0.00

OUTOKUMPU-AB___DRP 24206	24.75 -1.53 0.00	24.21 -1.76 0.00	18.02 -1.31 0.00	18.76 -1.29 0.00	21.66 -1.39 0.03	28.65 -1.71 0.00	30.48 -1.75 0.00	34.58 -2.25 0.00	32.32 -1.89 0.00	31.51 -1.85 0.00	44.57 -2.97 0.00	55.89 -4.06 0.00	48.60 -3.09 0.00	36.50 -2.31 0.00	29.47 -2.30 0.00	32.19 -2.50 0.00	33.90 -2.95 0.00	37.74 -3.35 0.00	39.63 -2.90 0.00	41.61 -2.84 0.00	45.45 -2.70 0.00	39.37 -2.48 0.00	29.25 -1.77 0.00	29.22 -1.26 0.00
OXBOW___BTM 323836	24.50 -1.78 0.00	24.02 -1.95 0.00	17.88 -1.45 0.00	18.60 -1.45 0.00	21.46 -1.59 0.03	28.37 -1.99 0.00	30.15 -2.08 0.00	34.17 -2.66 0.00	31.94 -2.27 0.00	31.15 -2.21 0.00	44.04 -3.50 0.00	55.25 -4.70 0.00	48.04 -3.65 0.00	36.10 -2.71 0.00	29.13 -2.64 0.00	31.81 -2.88 0.00	33.53 -3.32 0.00	37.29 -3.80 0.00	39.14 -3.38 0.00	41.08 -3.36 0.00	44.90 -3.25 0.00	38.90 -2.94 0.00	28.90 -2.13 0.00	28.89 -1.59 0.00
OXBOW___ 24026	24.49 -1.79 0.00	24.02 -1.95 0.00	17.88 -1.45 0.00	18.60 -1.45 0.00	21.46 -1.59 0.03	28.38 -1.98 0.00	30.14 -2.08 0.00	34.16 -2.67 0.00	31.94 -2.27 0.00	31.16 -2.21 0.00	44.05 -3.49 0.00	55.23 -4.72 0.00	48.04 -3.66 0.00	36.10 -2.71 0.00	29.14 -2.64 0.00	31.81 -2.88 0.00	33.53 -3.32 0.00	37.28 -3.81 0.00	39.14 -3.38 0.00	41.08 -3.37 0.00	44.90 -3.25 0.00	38.90 -2.95 0.00	28.89 -2.13 0.00	28.89 -1.59 0.00
OXY_CHEM_DSASP 323612	24.27 -2.01 0.00	23.83 -2.14 0.00	17.75 -1.58 0.00	18.46 -1.58 0.00	21.30 -1.75 0.03	28.14 -2.22 0.00	29.84 -2.39 0.00	33.77 -3.06 0.00	31.59 -2.62 0.00	30.83 -2.54 0.00	43.55 -3.98 0.00	54.63 -5.32 0.00	47.51 -4.19 0.00	35.72 -3.09 0.00	28.81 -2.96 0.00	31.47 -3.22 0.00	33.17 -3.69 0.00	36.85 -4.23 0.00	38.68 -3.84 0.00	40.58 -3.86 0.00	44.37 -3.78 0.00	38.45 -3.40 0.00	28.57 -2.45 0.00	28.61 -1.87 0.00
OZONE_PARK_ESR 323760	28.38 2.10 0.00	27.95 1.98 0.00	20.78 1.45 0.00	21.49 1.44 0.00	24.76 1.67 0.00	32.27 1.92 0.00	34.27 2.04 0.00	39.41 2.58 0.00	36.84 2.63 0.00	35.78 2.42 0.00	51.10 3.56 0.00	64.43 4.47 0.00	55.26 3.57 0.00	41.54 2.73 0.00	34.15 2.38 0.00	37.19 2.50 0.00	39.61 2.76 0.00	43.99 2.91 0.00	45.45 2.93 0.00	47.21 2.76 0.00	50.89 2.75 0.00	44.21 2.36 0.00	33.04 2.02 0.00	32.54 2.06 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	24.27 -2.01 0.00	23.83 -2.14 0.00	17.75 -1.58 0.00	18.46 -1.58 0.00	21.30 -1.75 0.03	28.14 -2.22 0.00	29.84 -2.39 0.00	33.77 -3.06 0.00	31.59 -2.62 0.00	30.83 -2.54 0.00	43.55 -3.98 0.00	54.63 -5.32 0.00	47.51 -4.19 0.00	35.72 -3.09 0.00	28.81 -2.96 0.00	31.47 -3.22 0.00	33.17 -3.69 0.00	36.85 -4.23 0.00	38.68 -3.84 0.00	40.58 -3.86 0.00	44.37 -3.78 0.00	38.45 -3.40 0.00	28.57 -2.45 0.00	28.61 -1.87 0.00
PACKARD__115KV_DUPONT_184 80571	24.27 -2.01 0.00	23.83 -2.14 0.00	17.75 -1.58 0.00	18.46 -1.58 0.00	21.30 -1.75 0.03	28.14 -2.22 0.00	29.84 -2.39 0.00	33.77 -3.06 0.00	31.59 -2.62 0.00	30.83 -2.54 0.00	43.55 -3.98 0.00	54.63 -5.32 0.00	47.51 -4.19 0.00	35.72 -3.09 0.00	28.81 -2.96 0.00	31.47 -3.22 0.00	33.17 -3.69 0.00	36.85 -4.23 0.00	38.68 -3.84 0.00	40.58 -3.86 0.00	44.37 -3.78 0.00	38.45 -3.40 0.00	28.57 -2.45 0.00	28.61 -1.87 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	27.98 1.71 0.00	27.58 1.61 0.00	20.53 1.20 0.00	21.21 1.16 0.00	24.45 1.36 0.00	62.85 1.22 -31.27	125.27 1.34 -91.70	38.57 1.74 0.00	36.07 1.86 0.00	34.86 1.50 0.00	49.71 2.18 0.00	62.59 2.64 0.00	53.53 1.83 0.00	40.95 2.14 0.00	33.88 2.11 0.00	36.94 2.25 0.00	39.22 2.37 0.00	43.58 2.49 0.00	45.01 2.49 0.00	46.94 2.49 0.00	50.55 2.40 0.00	43.84 1.99 0.00	32.88 1.85 0.00	32.29 1.81 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.49 2.21 0.00	28.21 2.24 0.00	21.01 1.68 0.00	21.72 1.67 0.00	25.05 1.96 0.00	63.68 2.05 -31.27	126.03 2.10 -91.70	39.45 2.62 0.00	36.89 2.68 0.00	35.67 2.31 0.00	50.71 3.17 0.00	64.21 4.25 0.00	54.78 3.09 0.00	41.85 3.04 0.00	34.59 2.82 0.00	37.69 3.00 0.00	40.02 3.17 0.00	44.37 3.28 0.00	45.87 3.35 0.00	47.80 3.36 0.00	51.48 3.33 0.00	44.67 2.82 0.00	33.54 2.52 0.00	32.94 2.47 0.00
PATROON__115KV_TB1 80586	27.15 0.88 0.00	26.87 0.90 0.00	20.01 0.68 0.00	20.74 0.69 0.00	23.88 0.80 0.00	31.22 0.87 0.00	33.03 0.81 0.00	37.80 0.97 0.00	35.00 0.79 0.00	34.05 0.68 0.00	48.37 0.83 0.00	61.00 1.05 0.00	52.59 0.90 0.00	39.59 0.78 0.00	32.55 0.78 0.00	35.55 0.86 0.00	37.78 0.93 0.00	41.94 0.86 0.00	43.47 0.95 0.00	45.31 0.86 0.00	48.84 0.69 0.00	42.47 0.62 0.00	31.73 0.70 0.00	31.15 0.67 0.00
PATTRSNVILLE___SOLAR 323815	27.37 1.09 0.00	27.07 1.10 0.00	20.15 0.82 0.00	20.89 0.84 0.00	24.05 0.96 0.00	31.50 1.14 0.00	33.36 1.14 0.00	38.11 1.28 0.00	35.35 1.14 0.00	34.29 0.93 0.00	48.84 1.30 0.00	61.68 1.74 0.00	53.26 1.57 0.00	40.07 1.26 0.00	32.68 0.91 0.00	35.71 1.02 0.00	37.91 1.06 0.00	42.03 0.94 0.00	43.67 1.15 0.00	45.87 1.43 0.00	49.69 1.55 0.00	43.17 1.32 0.00	32.06 1.03 0.00	31.48 1.01 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	25.04 -1.24 0.00	24.49 -1.47 0.00	18.25 -1.08 0.00	19.00 -1.05 0.00	21.94 -1.11 0.04	29.00 -1.36 0.00	30.88 -1.35 0.00	35.23 -1.60 0.00	32.97 -1.25 0.00	32.07 -1.30 0.00	45.32 -2.22 0.00	56.88 -3.07 0.00	49.41 -2.28 0.00	37.08 -1.73 0.00	29.96 -1.81 0.00	32.71 -1.97 0.00	34.41 -2.44 0.00	38.32 -2.77 0.00	40.20 -2.32 0.00	42.18 -2.26 0.00	46.08 -2.07 0.00	39.94 -1.91 0.00	29.66 -1.36 0.00	29.51 -0.97 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.10 1.82 0.00	27.71 1.73 0.00	20.60 1.27 0.00	21.31 1.26 0.00	24.55 1.47 0.00	32.05 1.69 0.00	34.01 1.79 0.00	39.06 2.23 0.00	36.47 2.26 0.00	35.45 2.08 0.00	50.57 3.03 0.00	63.78 3.83 0.00	54.79 3.10 0.00	41.16 2.35 0.00	33.79 2.02 0.00	36.85 2.16 0.00	39.24 2.38 0.00	43.65 2.56 0.00	45.18 2.66 0.00	47.04 2.59 0.00	50.71 2.57 0.00	44.00 2.15 0.00	32.82 1.79 0.00	32.27 1.80 0.00
PEEKSKILL___ 23653	27.90 1.62 0.00	27.49 1.52 0.00	20.45 1.12 0.00	21.15 1.10 0.00	24.36 1.28 0.00	31.78 1.43 0.00	33.73 1.51 0.00	38.70 1.87 0.00	36.17 1.96 0.00	35.13 1.77 0.00	50.16 2.62 0.00	63.20 3.25 0.00	54.31 2.61 0.00	40.81 2.00 0.00	33.51 1.73 0.00	36.54 1.85 0.00	38.95 2.10 0.00	43.30 2.21 0.00	44.77 2.24 0.00	46.57 2.12 0.00	50.22 2.07 0.00	43.57 1.73 0.00	32.56 1.54 0.00	32.05 1.58 0.00
PGE MADISON___WINDPWR 24146	27.02 0.75 0.00	26.71 0.74 0.00	20.01 0.68 0.00	20.73 0.69 0.00	23.94 0.84 -0.01	31.32 0.96 0.00	33.73 1.50 0.00	38.49 1.66 0.00	35.60 1.39 0.00	35.01 1.64 0.00	49.81 2.27 0.00	61.88 1.93 0.00	54.36 2.66 0.00	41.07 2.26 0.00	33.40 1.63 0.00	36.90 2.20 0.00	38.93 2.08 0.00	44.31 3.22 0.00	46.05 3.53 0.00	47.77 3.32 0.00	51.72 3.57 0.00	44.81 2.97 0.00	33.05 2.03 0.00	32.14 1.66 0.00

PIERCEFIELD___HYD 23852	-7.19 -1.47 32.00	-19.43 -1.37 44.03	-21.05 -1.01 39.37	-20.87 -1.05 39.87	-20.02 -1.16 41.95	-14.00 -1.28 43.08	25.55 -1.19 5.49	28.24 -1.34 7.24	22.18 -1.29 10.74	30.57 -1.33 1.47	45.72 -1.82 0.00	58.05 -1.90 0.00	50.21 -1.48 0.00	37.45 -1.35 0.00	30.58 -1.19 0.00	33.50 -1.19 0.00	35.64 -1.21 0.00	39.83 -1.26 0.00	41.31 -1.22 0.00	43.56 -0.89 0.00	47.50 -0.64 0.00	41.36 -0.49 0.00	30.33 -0.70 0.00	29.57 -0.90 0.00
PINELAWN_CC_1 323563	39.32 2.14 -10.90	37.67 2.04 -9.66	23.92 1.54 -3.05	21.54 1.49 0.00	26.55 1.75 -1.72	35.24 2.00 -2.89	41.63 2.03 -7.37	46.45 2.42 -7.21	43.17 2.45 -6.51	45.74 1.99 -10.38	41.14 2.96 9.36	60.47 3.42 2.90	52.34 2.65 2.01	45.85 2.28 -4.76	34.29 1.91 -0.60	53.71 2.09 -16.93	39.25 2.38 -0.01	43.50 2.21 -0.20	48.77 2.33 -3.92	90.89 2.71 -43.73	57.44 2.42 -6.87	37.76 1.77 5.86	49.62 2.05 -16.55	52.86 2.07 -20.31
PJM_GEN_HTTP_PROXY 323702	28.12 1.85 0.00	27.71 1.74 0.00	20.61 1.28 0.00	21.32 1.27 0.00	24.56 1.48 0.00	32.00 1.65 0.00	33.96 1.73 0.00	39.04 2.21 0.00	36.49 2.28 0.00	35.41 2.05 0.00	50.56 3.03 0.00	63.38 3.78 0.34	54.68 2.99 0.00	41.14 2.33 0.00	33.79 2.02 0.00	36.82 2.13 0.00	39.21 2.36 0.00	43.55 2.46 0.00	44.99 2.47 0.00	46.75 2.31 0.00	50.41 2.27 0.00	43.78 1.93 0.00	32.73 1.71 0.00	32.26 1.78 0.00
PJM_GEN_KEystone 24065	26.59 0.31 0.00	26.16 0.19 0.00	19.48 0.15 0.00	20.20 0.15 0.00	23.29 0.22 0.01	30.49 0.14 0.00	32.34 0.11 0.00	37.04 0.20 0.00	34.61 0.40 0.00	33.67 0.31 0.00	47.93 0.39 0.00	59.94 0.34 0.34	52.00 0.31 0.00	39.01 0.20 0.00	31.87 0.10 0.00	34.71 0.02 0.00	36.76 -0.09 0.00	40.85 -0.24 0.00	42.48 -0.04 0.00	44.36 -0.08 0.00	48.08 -0.06 0.00	41.71 -0.14 0.00	31.13 0.10 0.00	30.78 0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.25 1.84 -1.13	28.77 1.78 -1.02	20.97 1.36 -0.28	21.35 1.31 0.01	24.79 1.55 -0.15	32.34 1.72 -0.27	34.47 1.71 -0.53	39.46 2.07 -0.56	35.18 2.08 1.11	36.34 1.86 -1.11	18.90 2.90 31.54	53.42 3.49 10.01	42.40 2.66 11.95	41.45 2.25 -0.39	33.68 1.95 0.04	39.33 1.95 -2.69	38.99 2.12 -0.01	43.50 2.26 -0.16	47.77 2.34 -2.92	82.10 2.20 -35.46	54.89 2.02 -4.72	32.32 1.68 11.21	25.45 1.68 7.26	47.10 1.70 -14.92
PJM_GEN_VFT_PROXY 323633	28.03 1.75 0.00	27.58 1.61 0.00	20.52 1.19 0.00	21.21 1.16 0.00	24.44 1.36 0.00	31.49 1.48 0.35	32.75 1.59 1.08	35.22 2.06 3.67	33.90 2.17 2.48	33.07 1.97 2.26	47.85 2.91 2.60	63.22 3.62 0.34	48.21 2.82 6.30	35.93 2.21 5.09	31.78 1.93 1.93	34.59 2.02 2.12	31.20 2.26 7.92	33.52 2.35 9.92	33.36 2.35 11.51	33.52 2.16 13.09	36.52 2.07 13.69	36.57 1.76 7.04	30.60 1.59 2.01	31.71 1.65 0.42
PLATSBURG_115KV_PMLD1 355749	-13.79 -1.02 39.05	-17.59 -1.01 42.55	-19.54 -0.69 38.18	-19.37 -0.76 38.66	-18.26 -0.74 40.60	-14.53 -0.72 44.16	27.44 -0.43 4.35	34.20 -0.14 2.49	30.70 0.19 3.69	33.18 0.32 0.51	47.95 0.41 0.00	60.87 0.92 0.00	52.19 0.50 0.00	39.31 0.50 0.00	32.14 0.37 0.00	35.05 0.37 0.00	37.10 0.25 0.00	41.65 0.56 0.00	43.02 0.50 0.00	45.13 0.69 0.00	49.30 1.15 0.00	42.87 1.02 0.00	31.69 0.67 0.00	30.74 0.27 0.00
PLEASANTVLY___LBMP 24000	27.76 1.48 0.00	27.40 1.43 0.00	20.39 1.06 0.00	21.09 1.05 0.00	24.30 1.22 0.00	31.68 1.32 0.00	33.57 1.35 0.00	38.50 1.67 0.00	35.93 1.72 0.00	34.91 1.55 0.00	49.81 2.28 0.00	62.79 2.85 0.00	53.96 2.27 0.00	40.57 1.76 0.00	33.31 1.54 0.00	36.33 1.64 0.00	38.68 1.83 0.00	43.00 1.91 0.00	44.47 1.95 0.00	46.30 1.85 0.00	49.93 1.79 0.00	43.36 1.51 0.00	32.38 1.36 0.00	31.87 1.40 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.01 1.73 0.00	27.63 1.66 0.00	20.56 1.23 0.00	21.26 1.22 0.00	24.50 1.41 0.00	31.93 1.57 0.00	33.87 1.64 0.00	38.89 2.06 0.00	36.33 2.12 0.00	35.30 1.94 0.00	50.39 2.85 0.00	63.53 3.57 0.00	54.54 2.84 0.00	41.01 2.20 0.00	33.69 1.92 0.00	36.71 2.02 0.00	39.05 2.20 0.00	43.40 2.32 0.00	44.87 2.35 0.00	46.67 2.23 0.00	50.32 2.17 0.00	43.67 1.82 0.00	32.63 1.61 0.00	32.11 1.64 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	28.01 1.73 0.00	27.63 1.66 0.00	20.56 1.23 0.00	21.26 1.22 0.00	24.50 1.41 0.00	31.93 1.57 0.00	33.87 1.64 0.00	38.89 2.06 0.00	36.33 2.12 0.00	35.30 1.94 0.00	50.39 2.85 0.00	63.53 3.57 0.00	54.54 2.84 0.00	41.01 2.20 0.00	33.69 1.92 0.00	36.71 2.02 0.00	39.05 2.20 0.00	43.40 2.32 0.00	44.87 2.35 0.00	46.67 2.23 0.00	50.32 2.17 0.00	43.67 1.82 0.00	32.63 1.61 0.00	32.11 1.64 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	27.98 1.70 0.00	27.61 1.64 0.00	20.54 1.21 0.00	21.25 1.20 0.00	24.48 1.40 0.00	31.94 1.58 0.00	33.88 1.65 0.00	38.89 2.06 0.00	36.28 2.07 0.00	35.26 1.89 0.00	50.26 2.72 0.00	63.40 3.45 0.00	54.48 2.79 0.00	40.95 2.14 0.00	33.59 1.82 0.00	36.64 1.95 0.00	39.01 2.15 0.00	43.40 2.31 0.00	44.97 2.44 0.00	46.85 2.41 0.00	50.54 2.39 0.00	43.86 2.00 0.00	32.71 1.69 0.00	32.16 1.68 0.00
POLETTI_____ 23519	27.73 1.45 0.00	27.31 1.34 0.00	20.33 1.00 0.00	21.00 0.96 0.00	24.20 1.12 0.00	31.08 0.82 0.10	33.21 0.85 -0.13	36.64 1.19 1.38	35.25 1.38 0.35	34.35 1.05 0.06	49.63 1.71 -0.39	67.20 2.51 -4.75	40.04 1.20 12.85	38.73 1.90 1.98	33.80 2.03 0.00	36.83 2.15 0.00	39.20 2.34 0.00	43.53 2.44 0.00	44.95 2.43 0.00	46.73 2.28 0.00	50.35 2.21 0.00	43.74 1.89 0.00	32.73 1.70 0.00	32.24 1.76 0.00
POMONA___ESR 323819	27.90 1.62 0.00	27.49 1.52 0.00	20.45 1.12 0.00	21.15 1.10 0.00	24.36 1.28 0.00	31.79 1.44 0.00	33.74 1.51 0.00	38.70 1.87 0.00	36.18 1.97 0.00	35.15 1.78 0.00	50.18 2.64 0.00	63.23 3.28 0.00	54.35 2.66 0.00	40.84 2.03 0.00	33.53 1.76 0.00	36.56 1.87 0.00	38.99 2.14 0.00	43.34 2.25 0.00	44.81 2.29 0.00	46.62 2.18 0.00	50.27 2.13 0.00	43.60 1.75 0.00	32.57 1.55 0.00	32.06 1.58 0.00
PORT_JEFF_3 23555	33.38 2.19 -4.91	32.35 2.04 -4.35	22.24 1.53 -1.38	21.54 1.50 0.00	25.62 1.75 -0.79	33.66 1.96 -1.34	37.36 1.97 -3.16	42.31 2.36 -3.12	38.56 2.43 -1.91	40.26 2.23 -4.66	29.67 3.50 21.36	57.42 4.04 6.57	47.60 3.21 7.30	43.66 2.77 -2.07	34.27 2.29 -0.21	45.24 2.24 -8.31	39.43 2.56 -0.01	44.15 2.88 -0.18	48.99 3.11 -3.37	86.32 2.95 -38.92	56.34 2.63 -5.57	35.67 2.20 8.38	35.88 2.18 -2.67	49.75 2.17 -17.10
PORT_JEFF_4 23616	33.38 2.19 -4.91	32.35 2.04 -4.35	22.24 1.53 -1.38	21.54 1.50 0.00	25.62 1.75 -0.79	33.66 1.96 -1.34	37.36 1.97 -3.16	42.31 2.36 -3.12	38.56 2.43 -1.91	40.26 2.23 -4.66	29.67 3.50 21.36	57.42 4.04 6.57	47.60 3.21 7.30	43.66 2.77 -2.07	34.27 2.29 -0.21	45.24 2.24 -8.31	39.43 2.56 -0.01	44.15 2.88 -0.18	48.99 3.11 -3.37	86.32 2.95 -38.92	56.34 2.63 -5.57	35.67 2.20 8.38	35.88 2.18 -2.67	49.75 2.17 -17.10

PORT_JEFF_IC 23713	33.54 2.20 -5.07	32.51 2.06 -4.48	22.30 1.54 -1.43	21.55 1.51 0.00	25.67 1.77 -0.82	33.72 1.98 -1.39	37.50 2.00 -3.27	42.45 2.39 -3.22	38.69 2.45 -2.03	40.44 2.27 -4.81	30.01 3.50 21.02	57.63 4.14 6.46	47.85 3.31 7.15	43.77 2.81 -2.14	34.32 2.33 -0.22	45.50 2.28 -8.53	39.46 2.59 -0.01	44.22 2.94 -0.19	49.08 3.18 -3.38	86.55 3.04 -39.07	56.46 2.70 -5.61	35.82 2.27 8.30	36.28 2.22 -3.05	49.87 2.20 -17.19
PPL PILGRIM_ST_GT1 24216	34.34 2.27 -5.79	33.23 2.14 -5.12	22.57 1.60 -1.64	21.62 1.58 0.00	25.86 1.84 -0.94	34.03 2.08 -1.59	38.11 2.11 -3.78	43.06 2.52 -3.71	39.37 2.56 -2.60	41.18 2.32 -5.49	31.85 3.59 19.28	58.29 4.27 5.93	48.71 3.38 6.36	44.14 2.86 -2.47	34.42 2.38 -0.27	46.61 2.31 -9.62	39.51 2.65 -0.01	44.18 2.91 -0.19	49.09 3.11 -3.46	87.13 2.99 -39.69	56.67 2.76 -5.77	36.27 2.29 7.86	38.11 2.23 -4.85	50.29 2.22 -17.59
PPL PILGRIM_ST_GT2 24217	34.34 2.27 -5.79	33.23 2.14 -5.12	22.57 1.60 -1.64	21.62 1.58 0.00	25.86 1.84 -0.94	34.03 2.08 -1.59	38.11 2.11 -3.78	43.06 2.52 -3.71	39.37 2.56 -2.60	41.18 2.32 -5.49	31.85 3.59 19.28	58.29 4.27 5.93	48.71 3.38 6.36	44.14 2.86 -2.47	34.42 2.38 -0.27	46.61 2.31 -9.62	39.51 2.65 -0.01	44.18 2.91 -0.19	49.09 3.11 -3.46	87.13 2.99 -39.69	56.67 2.76 -5.77	36.27 2.29 7.86	38.11 2.23 -4.85	50.29 2.22 -17.59
PPL_SHRM_GT3 24213	33.43 2.18 -4.97	32.38 2.01 -4.40	22.24 1.51 -1.40	21.52 1.48 0.00	25.60 1.72 -0.80	33.63 1.91 -1.36	37.38 1.95 -3.20	42.30 2.31 -3.16	38.59 2.42 -1.96	40.32 2.24 -4.72	29.90 3.59 21.22	57.45 4.03 6.53	47.58 3.13 7.24	43.68 2.76 -2.10	34.27 2.29 -0.21	45.41 2.33 -8.39	39.56 2.70 -0.01	44.35 3.07 -0.19	49.29 3.40 -3.37	86.66 3.24 -38.97	56.45 2.72 -5.59	35.73 2.24 8.35	36.05 2.21 -2.82	49.80 2.19 -17.14
PPL_SHRM_GT4 24214	33.43 2.18 -4.97	32.38 2.01 -4.40	22.24 1.51 -1.40	21.52 1.48 0.00	25.60 1.72 -0.80	33.63 1.91 -1.36	37.38 1.95 -3.20	42.30 2.31 -3.16	38.59 2.42 -1.96	40.32 2.24 -4.72	29.90 3.59 21.22	57.45 4.03 6.53	47.58 3.13 7.24	43.68 2.76 -2.10	34.27 2.29 -0.21	45.41 2.33 -8.39	39.56 2.70 -0.01	44.35 3.07 -0.19	49.29 3.40 -3.37	86.66 3.24 -38.97	56.45 2.72 -5.59	35.73 2.24 8.35	36.05 2.21 -2.82	49.80 2.19 -17.14
PROJECT___ORANGE 1 24174	26.00 -0.27 0.00	25.65 -0.32 0.00	19.10 -0.22 0.00	19.81 -0.23 0.00	22.83 -0.25 0.00	30.01 -0.35 0.00	31.87 -0.36 0.00	36.41 -0.42 0.00	33.84 -0.37 0.00	32.98 -0.39 0.00	46.94 -0.60 0.00	59.11 -0.84 0.00	51.04 -0.65 0.00	38.29 -0.52 0.00	31.31 -0.46 0.00	34.16 -0.53 0.00	36.38 -0.47 0.00	40.55 -0.54 0.00	42.09 -0.43 0.00	43.98 -0.46 0.00	47.62 -0.52 0.00	41.31 -0.54 0.00	30.63 -0.39 0.00	30.13 -0.35 0.00
PROJECT___ORANGE 2 24166	26.00 -0.27 0.00	25.65 -0.32 0.00	19.10 -0.22 0.00	19.81 -0.23 0.00	22.83 -0.25 0.00	30.01 -0.35 0.00	31.87 -0.36 0.00	36.41 -0.42 0.00	33.84 -0.37 0.00	32.98 -0.39 0.00	46.94 -0.60 0.00	59.11 -0.84 0.00	51.04 -0.65 0.00	38.29 -0.52 0.00	31.31 -0.46 0.00	34.16 -0.53 0.00	36.38 -0.47 0.00	40.55 -0.54 0.00	42.09 -0.43 0.00	43.98 -0.46 0.00	47.62 -0.52 0.00	41.31 -0.54 0.00	30.63 -0.39 0.00	30.13 -0.35 0.00
PUCKETT___SOLAR 323809	26.44 0.16 0.00	26.11 0.13 0.00	19.48 0.16 0.00	20.20 0.16 0.00	23.32 0.23 0.00	30.55 0.19 0.00	32.55 0.32 0.00	37.24 0.41 0.00	34.59 0.39 0.00	33.77 0.40 0.00	48.00 0.46 0.00	60.26 0.31 0.00	52.01 0.32 0.00	39.11 0.30 0.00	31.94 0.17 0.00	34.90 0.21 0.00	37.14 0.29 0.00	41.69 0.60 0.00	43.37 0.85 0.00	45.27 0.82 0.00	48.89 0.75 0.00	42.45 0.60 0.00	31.54 0.52 0.00	31.02 0.54 0.00
PYRITES___HYD 24023	-7.26 -0.77 32.77	-18.60 -0.70 43.87	-20.43 -0.52 39.24	-20.22 -0.53 39.74	-19.27 -0.55 41.80	-13.25 -0.41 43.20	26.62 -0.24 5.37	29.77 -0.33 6.73	23.79 -0.45 9.97	31.27 -0.73 1.36	46.41 -1.13 0.00	59.09 -0.86 0.00	51.26 -0.44 0.00	38.24 -0.57 0.00	31.11 -0.66 0.00	34.13 -0.56 0.00	36.24 -0.61 0.00	40.60 -0.48 0.00	42.18 -0.34 0.00	44.68 0.23 0.00	48.84 0.69 0.00	42.49 0.64 0.00	31.12 0.09 0.00	30.35 -0.13 0.00
QUAKERRD_115KV_BK1 80622	25.04 -1.24 0.00	24.61 -1.36 0.00	18.32 -1.01 0.00	19.01 -1.03 0.00	21.94 -1.14 0.00	28.92 -1.44 0.00	30.80 -1.42 0.00	35.11 -1.72 0.00	32.67 -1.54 0.00	31.83 -1.53 0.00	45.15 -2.39 0.00	56.81 -3.14 0.00	49.23 -2.47 0.00	36.92 -1.89 0.00	30.00 -1.78 0.00	32.80 -1.89 0.00	34.84 -2.02 0.00	38.83 -2.26 0.00	40.50 -2.02 0.00	42.39 -2.05 0.00	46.08 -2.06 0.00	39.92 -1.93 0.00	29.58 -1.45 0.00	29.23 -1.25 0.00
QUENSBRY_115KV_TB8 356137	27.96 1.69 0.00	27.67 1.69 0.00	20.58 1.25 0.00	21.34 1.30 0.00	24.48 1.40 0.00	31.79 1.44 0.00	33.35 1.13 0.00	37.90 1.07 0.00	34.84 0.63 0.00	33.94 0.57 0.00	48.35 0.81 0.00	60.92 0.97 0.00	53.03 1.34 0.00	40.73 1.92 0.00	33.60 1.83 0.00	35.98 1.29 0.00	37.71 0.86 0.00	42.07 0.98 0.00	43.46 0.94 0.00	45.91 1.46 0.00	49.62 1.48 0.00	43.25 1.40 0.00	32.19 1.17 0.00	31.91 1.44 0.00
RAMAPO___LBMP 323565	27.80 1.52 0.00	27.40 1.43 0.00	20.37 1.04 0.00	21.08 1.03 0.00	24.28 1.20 0.00	31.69 1.34 0.00	33.64 1.41 0.00	38.56 1.73 0.00	36.04 1.83 0.00	35.01 1.64 0.00	49.97 2.44 0.00	62.98 3.03 0.00	54.14 2.45 0.00	40.67 1.86 0.00	33.39 1.62 0.00	36.41 1.72 0.00	38.82 1.97 0.00	43.15 2.07 0.00	44.63 2.11 0.00	46.44 2.00 0.00	50.07 1.93 0.00	43.43 1.58 0.00	32.45 1.43 0.00	31.94 1.46 0.00
RANKINE____ 23646	24.93 -1.35 0.00	24.37 -1.60 0.00	18.14 -1.19 0.00	18.92 -1.13 0.00	21.83 -1.21 0.04	28.90 -1.46 0.00	30.79 -1.44 0.00	34.99 -1.84 0.00	32.72 -1.49 0.00	31.86 -1.51 0.00	45.06 -2.48 0.00	56.56 -3.39 0.00	49.16 -2.53 0.00	36.92 -1.89 0.00	29.82 -1.95 0.00	32.57 -2.12 0.00	34.29 -2.56 0.00	38.17 -2.92 0.00	40.07 -2.45 0.00	42.05 -2.40 0.00	45.93 -2.22 0.00	39.80 -2.05 0.00	29.56 -1.46 0.00	29.44 -1.04 0.00
RAVENSWOOD_GT2_1 24244	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	33.99 1.76 0.00	39.06 2.23 0.00	36.53 2.32 0.00	35.47 2.10 0.00	50.64 3.10 0.00	63.84 3.89 0.00	54.75 3.05 0.00	41.19 2.38 0.00	33.85 2.08 0.00	36.87 2.19 0.00	39.25 2.40 0.00	43.59 2.50 0.00	45.03 2.50 0.00	46.78 2.34 0.00	50.41 2.27 0.00	43.79 1.94 0.00	32.74 1.72 0.00	32.25 1.77 0.00
RAVENSWOOD_GT2_2 24245	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	33.99 1.76 0.00	39.06 2.23 0.00	36.53 2.32 0.00	35.47 2.10 0.00	50.64 3.10 0.00	63.84 3.89 0.00	54.75 3.05 0.00	41.19 2.38 0.00	33.85 2.08 0.00	36.87 2.19 0.00	39.25 2.40 0.00	43.59 2.50 0.00	45.03 2.50 0.00	46.78 2.34 0.00	50.41 2.27 0.00	43.79 1.94 0.00	32.74 1.72 0.00	32.25 1.77 0.00

RAVENSWOOD_GT2_3 24246	28.17 1.89 0.00	27.76 1.79 0.00	20.65 1.32 0.00	21.35 1.31 0.00	24.60 1.52 0.00	32.04 1.69 0.00	34.00 1.77 0.00	39.08 2.24 0.00	36.54 2.33 0.00	35.48 2.12 0.00	50.67 3.13 0.00	63.86 3.91 0.00	54.78 3.08 0.00	41.22 2.41 0.00	33.87 2.10 0.00	36.88 2.19 0.00	39.27 2.42 0.00	43.61 2.52 0.00	45.05 2.53 0.00	46.81 2.36 0.00	50.45 2.30 0.00	43.82 1.97 0.00	32.76 1.74 0.00	32.27 1.79 0.00
RAVENSWOOD_GT2_4 24247	28.17 1.89 0.00	27.76 1.79 0.00	20.65 1.32 0.00	21.35 1.31 0.00	24.60 1.52 0.00	32.04 1.69 0.00	34.00 1.77 0.00	39.08 2.24 0.00	36.54 2.33 0.00	35.48 2.12 0.00	50.67 3.13 0.00	63.86 3.91 0.00	54.78 3.08 0.00	41.22 2.41 0.00	33.87 2.10 0.00	36.88 2.19 0.00	39.27 2.42 0.00	43.61 2.52 0.00	45.05 2.53 0.00	46.81 2.36 0.00	50.45 2.30 0.00	43.82 1.97 0.00	32.76 1.74 0.00	32.27 1.79 0.00
RAVENSWOOD_GT3_1 24248	28.15 1.87 0.00	27.75 1.78 0.00	20.65 1.32 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	33.99 1.76 0.00	39.06 2.23 0.00	36.53 2.32 0.00	35.47 2.10 0.00	50.64 3.10 0.00	63.84 3.89 0.00	54.75 3.05 0.00	41.19 2.38 0.00	33.85 2.08 0.00	36.87 2.19 0.00	39.25 2.40 0.00	43.59 2.50 0.00	45.03 2.50 0.00	46.79 2.34 0.00	50.41 2.27 0.00	43.79 1.94 0.00	32.74 1.72 0.00	32.25 1.77 0.00
RAVENSWOOD_GT3_2 24249	28.15 1.87 0.00	27.75 1.78 0.00	20.65 1.32 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	33.99 1.76 0.00	39.06 2.23 0.00	36.53 2.32 0.00	35.47 2.10 0.00	50.64 3.10 0.00	63.84 3.89 0.00	54.75 3.05 0.00	41.19 2.38 0.00	33.85 2.08 0.00	36.87 2.19 0.00	39.25 2.40 0.00	43.59 2.50 0.00	45.03 2.50 0.00	46.79 2.34 0.00	50.41 2.27 0.00	43.79 1.94 0.00	32.74 1.72 0.00	32.25 1.77 0.00
RAVENSWOOD_GT3_3 24250	28.19 1.91 0.00	27.79 1.82 0.00	20.67 1.34 0.00	21.37 1.32 0.00	24.62 1.54 0.00	32.08 1.72 0.00	34.03 1.81 0.00	39.11 2.28 0.00	36.58 2.37 0.00	35.53 2.17 0.00	50.73 3.19 0.00	63.94 3.99 0.00	54.85 3.16 0.00	41.27 2.46 0.00	33.91 2.14 0.00	36.93 2.24 0.00	39.32 2.46 0.00	43.66 2.58 0.00	45.10 2.58 0.00	46.85 2.40 0.00	50.51 2.36 0.00	43.86 2.01 0.00	32.79 1.77 0.00	32.30 1.82 0.00
RAVENSWOOD_GT3_4 24251	28.19 1.91 0.00	27.79 1.82 0.00	20.67 1.34 0.00	21.37 1.32 0.00	24.62 1.54 0.00	32.08 1.72 0.00	34.03 1.81 0.00	39.11 2.28 0.00	36.58 2.37 0.00	35.53 2.17 0.00	50.73 3.19 0.00	63.94 3.99 0.00	54.85 3.16 0.00	41.27 2.46 0.00	33.91 2.14 0.00	36.93 2.24 0.00	39.32 2.46 0.00	43.66 2.58 0.00	45.10 2.58 0.00	46.85 2.40 0.00	50.51 2.36 0.00	43.86 2.01 0.00	32.79 1.77 0.00	32.30 1.82 0.00
RAVENSWOOD_GT_1 23729	28.23 1.95 0.00	27.84 1.87 0.00	20.71 1.38 0.00	21.42 1.37 0.00	24.67 1.59 0.00	32.13 1.77 0.00	35.49 1.83 -1.43	40.56 2.29 -1.44	38.42 2.40 -1.81	38.02 2.22 -2.43	51.13 3.27 -0.32	64.03 4.08 0.00	54.91 3.21 0.00	42.28 2.53 -0.94	36.63 2.23 -2.63	38.59 2.31 -1.60	52.81 2.54 -13.42	49.27 2.64 -5.54	48.19 2.62 -3.04	46.84 2.40 0.00	50.49 2.34 0.00	44.65 2.02 -0.77	36.42 1.80 -3.59	33.12 1.84 -0.81
RAVENSWOOD_GT_10 24258	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	34.15 1.76 -0.16	39.23 2.23 -0.17	36.74 2.32 -0.21	35.75 2.10 -0.28	50.67 3.10 -0.04	63.84 3.89 0.00	54.75 3.05 0.00	41.30 2.38 -0.11	34.12 2.08 -0.27	37.06 2.18 -0.18	40.79 2.40 -1.54	44.22 2.50 -0.64	45.38 2.50 -0.35	46.79 2.34 0.00	50.41 2.27 0.00	43.88 1.94 -0.09	33.16 1.72 -0.42	32.34 1.77 -0.09
RAVENSWOOD_GT_11 24259	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	34.15 1.76 -0.16	39.23 2.23 -0.17	36.74 2.32 -0.21	35.75 2.10 -0.28	50.67 3.10 -0.04	63.84 3.89 0.00	54.75 3.05 0.00	41.30 2.38 -0.11	34.12 2.08 -0.27	37.06 2.18 -0.18	40.79 2.40 -1.54	44.22 2.50 -0.64	45.38 2.50 -0.35	46.79 2.34 0.00	50.41 2.27 0.00	43.88 1.94 -0.09	33.16 1.72 -0.42	32.34 1.77 -0.09
RAVENSWOOD_GT_4 24252	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.34 1.29 0.00	24.59 1.51 0.00	32.03 1.68 0.00	35.08 1.76 -1.09	40.16 2.23 -1.09	37.91 2.31 -1.38	37.31 2.09 -1.86	50.87 3.09 -0.24	63.83 3.87 0.00	54.75 3.05 0.00	41.90 2.38 -0.72	35.66 2.07 -1.82	38.08 2.17 -1.22	49.38 2.38 -10.14	47.80 2.49 -4.22	47.33 2.50 -2.32	46.79 2.34 0.00	50.43 2.28 0.00	44.38 1.95 -0.59	35.49 1.72 -2.74	32.87 1.78 -0.62
RAVENSWOOD_GT_5 24254	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.34 1.29 0.00	24.59 1.51 0.00	32.03 1.68 0.00	35.08 1.76 -1.09	40.16 2.23 -1.09	37.91 2.31 -1.38	37.31 2.09 -1.86	50.87 3.09 -0.24	63.83 3.87 0.00	54.75 3.05 0.00	41.90 2.38 -0.72	35.66 2.07 -1.82	38.08 2.17 -1.22	49.38 2.38 -10.14	47.80 2.49 -4.22	47.33 2.50 -2.32	46.79 2.34 0.00	50.43 2.28 0.00	44.38 1.95 -0.59	35.49 1.72 -2.74	32.87 1.78 -0.62
RAVENSWOOD_GT_6 24253	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.34 1.29 0.00	24.59 1.51 0.00	32.03 1.68 0.00	35.08 1.76 -1.09	40.16 2.23 -1.09	37.91 2.31 -1.38	37.31 2.09 -1.86	50.87 3.09 -0.24	63.83 3.87 0.00	54.75 3.05 0.00	41.90 2.38 -0.72	35.66 2.07 -1.82	38.08 2.17 -1.22	49.38 2.38 -10.14	47.80 2.49 -4.22	47.33 2.50 -2.32	46.79 2.34 0.00	50.43 2.28 0.00	44.38 1.95 -0.59	35.49 1.72 -2.74	32.87 1.78 -0.62
RAVENSWOOD_GT_7 24255	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.34 1.29 0.00	24.59 1.51 0.00	32.03 1.68 0.00	35.08 1.76 -1.09	40.16 2.23 -1.09	37.91 2.31 -1.38	37.31 2.09 -1.86	50.87 3.09 -0.24	63.83 3.87 0.00	54.75 3.05 0.00	41.90 2.38 -0.72	35.66 2.07 -1.82	38.08 2.17 -1.22	49.38 2.38 -10.14	47.80 2.49 -4.22	47.33 2.50 -2.32	46.79 2.34 0.00	50.43 2.28 0.00	44.38 1.95 -0.59	35.49 1.72 -2.74	32.87 1.78 -0.62
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	34.15 1.76 -0.16	39.23 2.23 -0.17	36.74 2.32 -0.21	35.75 2.10 -0.28	50.67 3.10 -0.04	63.84 3.89 0.00	54.75 3.05 0.00	41.30 2.38 -0.11	34.12 2.08 -0.27	37.06 2.18 -0.18	40.79 2.40 -1.54	44.22 2.50 -0.64	45.38 2.50 -0.35	46.79 2.34 0.00	50.41 2.27 0.00	43.88 1.94 -0.09	33.16 1.72 -0.42	32.34 1.77 -0.09
RAVENSWOOD_GT_9 24257	28.15 1.87 0.00	27.75 1.78 0.00	20.64 1.31 0.00	21.35 1.30 0.00	24.59 1.51 0.00	32.04 1.68 0.00	34.15 1.76 -0.16	39.23 2.23 -0.17	36.74 2.32 -0.21	35.75 2.10 -0.28	50.67 3.10 -0.04	63.84 3.89 0.00	54.75 3.05 0.00	41.30 2.38 -0.11	34.12 2.08 -0.27	37.06 2.18 -0.18	40.79 2.40 -1.54	44.22 2.50 -0.64	45.38 2.50 -0.35	46.79 2.34 0.00	50.41 2.27 0.00	43.88 1.94 -0.09	33.16 1.72 -0.42	32.34 1.77 -0.09

RAVENSWOOD___1 23533	28.19 1.91 0.00	27.79 1.82 0.00	20.68 1.35 0.00	21.39 1.34 0.00	24.64 1.55 0.00	32.07 1.71 0.00	32.58 1.76 1.41	37.63 2.22 1.41	34.76 2.34 1.79	33.14 2.18 2.40	50.44 3.21 0.31	63.92 3.97 0.00	54.83 3.13 0.00	40.36 2.48 0.93	31.58 2.17 2.35	35.37 2.25 1.58	26.21 2.48 13.12	38.21 2.58 5.46	42.09 2.56 3.00	46.79 2.34 0.00	50.42 2.28 0.00	43.06 1.97 0.76	29.24 1.75 3.54	31.46 1.77 0.80
RAVENSWOOD___2 23534	28.19 1.91 0.00	27.79 1.82 0.00	20.68 1.35 0.00	21.39 1.34 0.00	24.64 1.55 0.00	32.07 1.71 0.00	32.58 1.76 1.41	37.63 2.22 1.41	34.76 2.34 1.79	33.14 2.18 2.40	50.44 3.21 0.31	63.92 3.97 0.00	54.83 3.13 0.00	40.36 2.48 0.93	31.58 2.17 2.35	35.37 2.25 1.58	26.21 2.48 13.12	38.21 2.58 5.46	42.09 2.56 3.00	46.79 2.34 0.00	50.42 2.28 0.00	43.06 1.97 0.76	29.24 1.75 3.54	31.46 1.77 0.80
RAVENSWOOD___3 23535	28.16 1.88 0.00	27.75 1.78 0.00	20.65 1.32 0.00	21.35 1.30 0.00	24.60 1.51 0.00	32.04 1.69 0.00	33.99 1.76 0.00	39.06 2.23 0.00	36.53 2.32 0.00	35.48 2.11 0.00	50.66 3.12 0.00	63.84 3.89 0.00	54.75 3.06 0.00	41.21 2.40 0.00	33.86 2.09 0.00	36.88 2.19 0.00	39.25 2.40 0.00	43.59 2.50 0.00	45.03 2.51 0.00	46.79 2.34 0.00	50.41 2.27 0.00	43.80 1.95 0.00	32.75 1.72 0.00	32.25 1.77 0.00
RAVENSWOOD___4 23820	28.19 1.91 0.00	27.79 1.82 0.00	20.68 1.35 0.00	21.39 1.34 0.00	24.64 1.55 0.00	32.07 1.71 0.00	32.58 1.76 1.41	37.63 2.22 1.41	34.76 2.34 1.79	33.14 2.18 2.40	50.44 3.21 0.31	63.92 3.97 0.00	54.83 3.13 0.00	40.36 2.48 0.93	31.58 2.17 2.35	35.37 2.25 1.58	26.21 2.48 13.12	38.21 2.58 5.46	42.09 2.56 3.00	46.79 2.34 0.00	50.42 2.28 0.00	43.06 1.97 0.76	29.24 1.75 3.54	31.46 1.77 0.80
RCPL_TRUST___DRP 24196	28.12 1.84 0.00	27.71 1.74 0.00	20.61 1.28 0.00	21.31 1.27 0.00	24.55 1.47 0.00	32.00 1.65 0.00	33.96 1.73 0.00	39.03 2.20 0.00	36.49 2.28 0.00	35.41 2.05 0.00	50.56 3.02 0.00	63.72 3.78 0.00	54.68 2.98 0.00	41.13 2.32 0.00	33.79 2.02 0.00	36.82 2.13 0.00	39.22 2.37 0.00	43.55 2.46 0.00	44.99 2.47 0.00	46.76 2.31 0.00	50.41 2.27 0.00	43.77 1.92 0.00	32.73 1.71 0.00	32.26 1.78 0.00
RED___ROCHESTER 323720	25.59 -0.68 0.00	25.12 -0.85 0.00	18.69 -0.64 0.00	19.41 -0.64 0.00	22.40 -0.68 0.00	29.54 -0.81 0.00	31.49 -0.74 0.00	35.83 -1.00 0.00	33.37 -0.84 0.00	32.51 -0.85 0.00	46.13 -1.41 0.00	58.03 -1.92 0.00	50.34 -1.36 0.00	37.75 -1.06 0.00	30.61 -1.15 0.00	33.52 -1.17 0.00	35.59 -1.26 0.00	39.66 -1.42 0.00	41.42 -1.10 0.00	43.39 -1.05 0.00	47.21 -0.94 0.00	40.87 -0.98 0.00	30.27 -0.75 0.00	29.94 -0.53 0.00
REGAN___SOLAR 323812	27.80 1.52 0.00	27.47 1.50 0.00	20.44 1.10 0.00	21.19 1.14 0.00	24.41 1.33 0.00	32.13 1.78 0.00	34.16 1.93 0.00	39.05 2.22 0.00	36.31 2.10 0.00	35.05 1.69 0.00	49.80 2.26 0.00	63.07 3.12 0.00	54.67 2.97 0.00	40.99 2.18 0.00	33.07 1.30 0.00	36.18 1.49 0.00	38.48 1.63 0.00	42.68 1.59 0.00	44.39 1.87 0.00	46.92 2.48 0.00	51.07 2.93 0.00	44.29 2.44 0.00	32.72 1.70 0.00	32.04 1.56 0.00
RENSSELAER___COGEN 23796	27.04 0.76 0.00	26.75 0.78 0.00	19.93 0.60 0.00	20.65 0.60 0.00	23.77 0.69 0.00	31.06 0.71 0.00	32.85 0.63 0.00	37.58 0.75 0.00	34.79 0.58 0.00	33.86 0.49 0.00	48.06 0.52 0.00	60.58 0.63 0.00	52.22 0.52 0.00	39.30 0.49 0.00	32.34 0.57 0.00	35.31 0.62 0.00	37.52 0.67 0.00	41.66 0.57 0.00	43.17 0.65 0.00	45.02 0.58 0.00	48.53 0.38 0.00	42.22 0.36 0.00	31.57 0.54 0.00	31.00 0.52 0.00
REPUBLIC_115KV_BARTNBRK 55605	28.95 2.67 0.00	28.65 2.68 0.00	21.17 1.84 0.00	22.01 1.97 0.00	25.21 2.12 0.00	32.73 2.37 0.00	34.33 2.11 0.00	38.86 2.03 0.00	35.01 0.80 0.00	34.34 0.98 0.00	49.05 1.51 0.00	61.72 1.78 0.00	54.39 2.70 0.00	41.55 2.75 0.00	34.66 2.89 0.00	37.35 2.66 0.00	38.91 2.06 0.00	43.73 2.64 0.00	44.86 2.34 0.00	47.02 2.57 0.00	51.08 2.93 0.00	44.63 2.78 0.00	33.24 2.22 0.00	32.60 2.12 0.00
REVERE_CPPR_DRP 24186	26.53 0.46 0.20	35.19 0.47 -8.75	27.39 0.34 -7.72	28.21 0.34 -7.82	31.76 0.39 -8.29	37.43 0.55 -6.52	34.73 0.64 -1.86	42.65 0.75 -5.07	42.14 0.58 -7.34	34.93 0.55 -1.01	48.38 0.85 0.00	61.18 1.23 0.00	52.77 1.07 0.00	39.37 0.56 0.00	32.37 0.60 0.00	35.52 0.83 0.00	38.07 1.22 0.00	42.48 1.39 0.00	44.15 1.63 0.00	46.21 1.76 0.00	49.98 1.84 0.00	43.28 1.43 0.00	31.98 0.95 0.00	31.25 0.77 0.00
REYNLDPA_13_KV_LD 356490	-13.29 -0.55 39.02	-17.09 -0.50 42.56	-19.22 -0.36 38.18	-18.98 -0.37 38.66	-17.91 -0.39 40.60	-14.10 -0.30 44.16	27.68 -0.19 4.36	34.13 -0.19 2.51	30.35 -0.14 3.72	32.81 -0.05 0.51	47.51 -0.03 0.00	60.06 0.12 0.00	51.73 0.04 0.00	38.80 -0.01 0.00	31.65 -0.12 0.00	34.57 -0.11 0.00	36.64 -0.21 0.00	40.92 -0.17 0.00	42.39 -0.13 0.00	44.51 0.06 0.00	48.49 0.35 0.00	42.20 0.35 0.00	31.03 0.01 0.00	30.37 -0.10 0.00
REYNOLDS_115KV_TB3 80639	27.26 0.98 0.00	26.97 0.99 0.00	20.09 0.76 0.00	20.81 0.76 0.00	23.96 0.87 0.00	31.31 0.96 0.00	33.10 0.88 0.00	37.87 1.04 0.00	35.03 0.82 0.00	34.09 0.73 0.00	48.47 0.93 0.00	61.07 1.12 0.00	52.60 0.91 0.00	39.60 0.79 0.00	32.59 0.82 0.00	35.58 0.89 0.00	37.78 0.93 0.00	41.95 0.87 0.00	43.49 0.97 0.00	45.37 0.93 0.00	48.87 0.73 0.00	42.53 0.69 0.00	31.80 0.77 0.00	31.23 0.75 0.00
RIVERBAY____ 323610	28.49 2.21 0.00	28.21 2.24 0.00	21.01 1.68 0.00	21.72 1.67 0.00	25.05 1.96 0.00	63.68 2.05 -31.27	126.03 2.10 -91.70	39.45 2.62 0.00	36.89 2.68 0.00	35.67 2.31 0.00	50.71 3.17 0.00	64.21 4.25 0.00	54.78 3.09 0.00	41.85 3.04 0.00	34.59 2.82 0.00	37.69 3.00 0.00	40.02 3.17 0.00	44.37 3.28 0.00	45.87 3.35 0.00	47.80 3.36 0.00	51.48 3.33 0.00	44.67 2.82 0.00	33.54 2.52 0.00	32.94 2.47 0.00
RIVERSDE_115KV_TB3 55908	27.17 0.89 0.00	26.87 0.90 0.00	20.02 0.69 0.00	20.74 0.69 0.00	23.88 0.80 0.00	31.21 0.85 0.00	33.00 0.77 0.00	37.76 0.92 0.00	34.94 0.72 0.00	34.00 0.64 0.00	48.31 0.77 0.00	60.89 0.94 0.00	52.47 0.78 0.00	39.49 0.69 0.00	32.50 0.73 0.00	35.49 0.80 0.00	37.70 0.84 0.00	41.85 0.77 0.00	43.38 0.85 0.00	45.23 0.78 0.00	48.74 0.59 0.00	42.41 0.56 0.00	31.70 0.68 0.00	31.13 0.65 0.00
ROARING___BROOK_WT_PWR 323790	-39.00 -0.56 64.72	-39.00 -0.57 64.40	-39.00 -0.45 57.88	-39.00 -0.45 58.60	-39.00 -0.60 61.48	-39.00 -0.76 68.59	25.47 -0.82 5.93	35.25 -0.92 0.65	32.38 -0.86 0.96	32.49 -0.74 0.13	46.66 -0.88 0.00	59.36 -0.59 0.00	51.29 -0.41 0.00	38.42 -0.39 0.00	31.42 -0.35 0.00	34.37 -0.32 0.00	36.57 -0.28 0.00	40.82 -0.27 0.00	42.28 -0.24 0.00	44.28 -0.17 0.00	48.01 -0.14 0.00	41.75 -0.10 0.00	30.86 -0.16 0.00	30.19 -0.29 0.00

ROCHESRG_115KV_T4 355643	25.36 -0.92 0.00	24.90 -1.07 0.00	18.52 -0.80 0.00	19.24 -0.80 0.00	22.21 -0.87 0.01	29.28 -1.08 0.00	31.18 -1.05 0.00	35.50 -1.33 0.00	33.08 -1.13 0.00	32.23 -1.14 0.00	45.71 -1.83 0.00	57.47 -2.48 0.00	49.85 -1.85 0.00	37.39 -1.42 0.00	30.34 -1.43 0.00	33.17 -1.52 0.00	35.17 -1.68 0.00	39.18 -1.90 0.00	40.91 -1.61 0.00	42.86 -1.59 0.00	46.64 -1.50 0.00	40.40 -1.46 0.00	29.95 -1.08 0.00	29.65 -0.83 0.00
ROCHESTER_9_IC 23652	25.49 -0.79 0.00	25.02 -0.95 0.00	18.62 -0.71 0.00	19.33 -0.71 0.00	22.31 -0.77 0.00	29.42 -0.93 0.00	31.35 -0.88 0.00	35.69 -1.14 0.00	33.25 -0.96 0.00	32.39 -0.97 0.00	45.95 -1.58 0.00	57.77 -2.18 0.00	50.12 -1.58 0.00	37.58 -1.22 0.00	30.50 -1.27 0.00	33.36 -1.33 0.00	35.39 -1.46 0.00	39.43 -1.65 0.00	41.18 -1.34 0.00	43.13 -1.32 0.00	46.94 -1.21 0.00	40.64 -1.21 0.00	30.12 -0.91 0.00	29.80 -0.67 0.00
ROCKVIEW_13_KV_LD 356306	28.10 1.82 0.00	27.68 1.71 0.00	20.59 1.26 0.00	21.29 1.24 0.00	24.53 1.44 0.00	31.97 1.62 0.00	33.94 1.72 0.00	38.99 2.16 0.00	36.45 2.25 0.00	35.44 2.07 0.00	50.60 3.06 0.00	63.82 3.87 0.00	54.77 3.07 0.00	41.16 2.35 0.00	33.82 2.05 0.00	36.87 2.18 0.00	39.26 2.41 0.00	43.64 2.55 0.00	45.11 2.59 0.00	46.89 2.44 0.00	50.54 2.39 0.00	43.87 2.02 0.00	32.79 1.77 0.00	32.26 1.78 0.00
ROME____115KV_TB2 80656	26.53 0.46 0.20	35.19 0.47 -8.75	27.39 0.34 -7.72	28.21 0.34 -7.82	31.76 0.39 -8.29	37.43 0.55 -6.52	34.73 0.64 -1.86	42.65 0.75 -5.07	42.14 0.58 -7.34	34.93 0.55 -1.01	48.38 0.85 0.00	61.18 1.23 0.00	52.77 1.07 0.00	39.37 0.56 0.00	32.37 0.60 0.00	35.52 0.83 0.00	38.07 1.22 0.00	42.48 1.39 0.00	44.15 1.63 0.00	46.21 1.76 0.00	49.98 1.84 0.00	43.28 1.43 0.00	31.98 0.95 0.00	31.25 0.77 0.00
ROSETON___1 23587	27.75 1.47 0.00	27.38 1.41 0.00	20.38 1.05 0.00	21.08 1.04 0.00	24.29 1.21 0.00	31.68 1.32 0.00	33.58 1.35 0.00	38.50 1.67 0.00	35.94 1.73 0.00	34.93 1.56 0.00	49.84 2.31 0.00	62.81 2.86 0.00	53.99 2.30 0.00	40.58 1.76 0.00	33.31 1.54 0.00	36.33 1.64 0.00	38.67 1.82 0.00	43.00 1.91 0.00	44.47 1.95 0.00	46.29 1.84 0.00	49.90 1.76 0.00	43.33 1.48 0.00	32.35 1.32 0.00	31.85 1.37 0.00
ROSETON___2 23588	27.75 1.47 0.00	27.38 1.41 0.00	20.38 1.05 0.00	21.08 1.04 0.00	24.29 1.21 0.00	31.68 1.32 0.00	33.58 1.35 0.00	38.50 1.67 0.00	35.94 1.73 0.00	34.93 1.56 0.00	49.84 2.31 0.00	62.81 2.86 0.00	53.99 2.30 0.00	40.58 1.76 0.00	33.31 1.54 0.00	36.33 1.64 0.00	38.67 1.82 0.00	43.00 1.91 0.00	44.47 1.95 0.00	46.29 1.84 0.00	49.90 1.76 0.00	43.33 1.48 0.00	32.35 1.32 0.00	31.85 1.37 0.00
ROTRRDAM_115KV_TB3 80664	27.25 0.97 0.00	26.96 0.99 0.00	20.08 0.75 0.00	20.80 0.76 0.00	23.95 0.86 0.00	31.31 0.96 0.00	33.11 0.88 0.00	37.84 1.01 0.00	35.09 0.88 0.00	34.12 0.76 0.00	48.61 1.07 0.00	61.30 1.35 0.00	52.89 1.19 0.00	39.82 1.01 0.00	32.64 0.87 0.00	35.58 0.89 0.00	37.76 0.91 0.00	41.98 0.89 0.00	43.53 1.01 0.00	45.55 1.10 0.00	49.22 1.08 0.00	42.80 0.95 0.00	31.86 0.84 0.00	31.32 0.85 0.00
RUSSELL___1 23602	25.59 -0.69 0.00	25.12 -0.85 0.00	18.69 -0.64 0.00	19.41 -0.64 0.00	22.40 -0.68 0.00	29.54 -0.81 0.00	31.49 -0.74 0.00	35.83 -1.00 0.00	33.38 -0.83 0.00	32.52 -0.84 0.00	46.14 -1.40 0.00	58.02 -1.93 0.00	50.33 -1.36 0.00	37.74 -1.07 0.00	30.62 -1.15 0.00	33.53 -1.16 0.00	35.59 -1.26 0.00	39.66 -1.43 0.00	41.43 -1.10 0.00	43.39 -1.05 0.00	47.21 -0.94 0.00	40.87 -0.98 0.00	30.27 -0.75 0.00	29.94 -0.53 0.00
RUSSELL___2 23532	25.59 -0.69 0.00	25.12 -0.85 0.00	18.69 -0.64 0.00	19.41 -0.64 0.00	22.40 -0.68 0.00	29.54 -0.81 0.00	31.49 -0.74 0.00	35.83 -1.00 0.00	33.38 -0.83 0.00	32.52 -0.84 0.00	46.14 -1.40 0.00	58.02 -1.93 0.00	50.33 -1.36 0.00	37.74 -1.07 0.00	30.62 -1.15 0.00	33.53 -1.16 0.00	35.59 -1.26 0.00	39.66 -1.43 0.00	41.43 -1.10 0.00	43.39 -1.05 0.00	47.21 -0.94 0.00	40.87 -0.98 0.00	30.27 -0.75 0.00	29.94 -0.53 0.00
RUSSELL___3 23549	25.59 -0.69 0.00	25.12 -0.85 0.00	18.69 -0.64 0.00	19.41 -0.64 0.00	22.40 -0.68 0.00	29.54 -0.81 0.00	31.49 -0.74 0.00	35.83 -1.00 0.00	33.38 -0.83 0.00	32.52 -0.84 0.00	46.14 -1.40 0.00	58.02 -1.93 0.00	50.33 -1.36 0.00	37.74 -1.07 0.00	30.62 -1.15 0.00	33.53 -1.16 0.00	35.59 -1.26 0.00	39.66 -1.43 0.00	41.43 -1.10 0.00	43.39 -1.05 0.00	47.21 -0.94 0.00	40.87 -0.98 0.00	30.27 -0.75 0.00	29.94 -0.53 0.00
RUSSELL___4 23556	25.59 -0.69 0.00	25.12 -0.85 0.00	18.69 -0.64 0.00	19.41 -0.64 0.00	22.40 -0.68 0.00	29.54 -0.81 0.00	31.49 -0.74 0.00	35.83 -1.00 0.00	33.38 -0.83 0.00	32.52 -0.84 0.00	46.14 -1.40 0.00	58.02 -1.93 0.00	50.33 -1.36 0.00	37.74 -1.07 0.00	30.62 -1.15 0.00	33.53 -1.16 0.00	35.59 -1.26 0.00	39.66 -1.43 0.00	41.43 -1.10 0.00	43.39 -1.05 0.00	47.21 -0.94 0.00	40.87 -0.98 0.00	30.27 -0.75 0.00	29.94 -0.53 0.00
RUSSELL___STATION 23914	25.59 -0.69 0.00	25.12 -0.85 0.00	18.69 -0.64 0.00	19.41 -0.64 0.00	22.40 -0.68 0.00	29.54 -0.81 0.00	31.49 -0.74 0.00	35.83 -1.00 0.00	33.38 -0.83 0.00	32.52 -0.84 0.00	46.14 -1.40 0.00	58.02 -1.93 0.00	50.33 -1.36 0.00	37.74 -1.07 0.00	30.62 -1.15 0.00	33.53 -1.16 0.00	35.59 -1.26 0.00	39.66 -1.43 0.00	41.43 -1.10 0.00	43.39 -1.05 0.00	47.21 -0.94 0.00	40.87 -0.98 0.00	30.27 -0.75 0.00	29.94 -0.53 0.00
S SALMON___HYD 24043	22.11 -0.85 3.32	14.02 -0.86 11.09	8.85 -0.64 9.84	9.41 -0.66 9.97	11.80 -0.75 10.53	20.02 -0.96 9.38	29.30 -0.99 1.94	31.19 -1.19 4.46	26.28 -1.31 6.61	31.08 -1.39 0.90	45.74 -1.80 0.00	58.14 -1.81 0.00	50.44 -1.25 0.00	37.40 -1.42 0.00	30.68 -1.09 0.00	33.73 -0.96 0.00	36.10 -0.75 0.00	40.36 -0.73 0.00	41.99 -0.53 0.00	44.05 -0.40 0.00	47.67 -0.48 0.00	41.21 -0.64 0.00	30.47 -0.55 0.00	29.85 -0.63 0.00
S.PERRY__115KV_TB1 80734	25.98 -0.29 0.00	25.41 -0.56 0.00	18.88 -0.45 0.00	19.64 -0.40 0.00	22.91 -0.31 -0.14	30.36 0.01 0.00	32.58 0.35 0.00	37.19 0.36 0.00	34.15 -0.06 0.00	32.80 -0.56 0.00	46.36 -1.17 0.00	58.24 -1.71 0.00	50.66 -1.03 0.00	37.95 -0.87 0.00	30.86 -0.91 0.00	33.92 -0.77 0.00	36.06 -0.79 0.00	40.52 -0.57 0.00	42.44 -0.08 0.00	44.65 0.20 0.00	48.73 0.59 0.00	42.30 0.45 0.00	31.27 0.24 0.00	30.80 0.32 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	24.72 -1.56 0.00	24.17 -1.80 0.00	18.00 -1.33 0.00	18.74 -1.30 0.00	21.63 -1.41 0.04	28.60 -1.76 0.00	30.45 -1.78 0.00	34.57 -2.26 0.00	32.34 -1.87 0.00	31.51 -1.86 0.00	44.57 -2.96 0.00	55.94 -4.01 0.00	48.63 -3.06 0.00	36.53 -2.28 0.00	29.49 -2.28 0.00	32.20 -2.49 0.00	33.93 -2.92 0.00	37.74 -3.35 0.00	39.61 -2.91 0.00	41.57 -2.88 0.00	45.43 -2.72 0.00	39.37 -2.48 0.00	29.24 -1.78 0.00	29.17 -1.31 0.00

SAWYER___23_KV_LOAD 55526	24.72 -1.56 0.00	24.17 -1.80 0.00	18.00 -1.33 0.00	18.74 -1.30 0.00	21.63 -1.41 0.04	28.60 -1.76 0.00	30.45 -1.78 0.00	34.57 -2.26 0.00	32.34 -1.87 0.00	31.51 -1.86 0.00	44.57 -2.96 0.00	55.94 -4.01 0.00	48.63 -3.06 0.00	36.53 -2.28 0.00	29.49 -2.28 0.00	32.20 -2.49 0.00	33.93 -2.92 0.00	37.74 -3.35 0.00	39.61 -2.91 0.00	41.57 -2.88 0.00	45.43 -2.72 0.00	39.37 -2.48 0.00	29.24 -1.78 0.00	29.17 -1.31 0.00
SELKIRK___I 23801	27.20 0.92 0.00	26.95 0.97 0.00	20.07 0.75 0.00	20.80 0.76 0.00	23.96 0.87 0.00	31.32 0.96 0.00	33.14 0.91 0.00	37.87 1.04 0.00	35.06 0.85 0.00	34.13 0.77 0.00	48.43 0.89 0.00	60.99 1.04 0.00	52.63 0.94 0.00	39.50 0.69 0.00	32.41 0.64 0.00	35.48 0.79 0.00	37.64 0.79 0.00	41.89 0.80 0.00	43.47 0.95 0.00	45.37 0.92 0.00	48.97 0.83 0.00	42.60 0.75 0.00	31.78 0.75 0.00	31.20 0.73 0.00
SELKIRK___II 23799	27.08 0.81 0.00	26.80 0.83 0.00	19.96 0.63 0.00	20.68 0.64 0.00	23.82 0.73 0.00	31.12 0.76 0.00	32.92 0.69 0.00	37.65 0.82 0.00	34.89 0.68 0.00	33.97 0.61 0.00	48.29 0.75 0.00	60.86 0.91 0.00	52.45 0.76 0.00	39.42 0.62 0.00	32.40 0.62 0.00	35.38 0.69 0.00	37.60 0.74 0.00	41.77 0.68 0.00	43.29 0.77 0.00	45.16 0.71 0.00	48.72 0.57 0.00	42.37 0.52 0.00	31.63 0.61 0.00	31.08 0.60 0.00
SENECA OSWGO___HYD 24041	25.45 -0.66 0.17	23.41 -0.68 1.89	17.17 -0.49 1.67	17.85 -0.51 1.69	20.72 -0.57 1.79	28.12 -0.77 1.47	31.04 -0.81 0.38	34.91 -0.94 0.98	31.80 -0.96 1.46	32.25 -0.92 0.20	46.20 -1.34 0.00	58.15 -1.80 0.00	50.18 -1.51 0.00	37.62 -1.19 0.00	30.74 -1.03 0.00	33.63 -1.06 0.00	35.74 -1.12 0.00	39.99 -1.10 0.00	41.50 -1.02 0.00	43.39 -1.06 0.00	46.99 -1.16 0.00	40.75 -1.09 0.00	30.20 -0.83 0.00	29.69 -0.79 0.00
SENECA___115KV_TB3 355854	24.96 -1.32 0.00	24.41 -1.57 0.00	18.17 -1.16 0.00	18.94 -1.10 0.00	21.86 -1.18 0.04	28.94 -1.41 0.00	30.83 -1.40 0.00	35.03 -1.80 0.00	32.76 -1.45 0.00	31.90 -1.47 0.00	45.12 -2.42 0.00	56.64 -3.31 0.00	49.24 -2.45 0.00	36.97 -1.84 0.00	29.86 -1.91 0.00	32.62 -2.07 0.00	34.34 -2.51 0.00	38.23 -2.85 0.00	40.14 -2.39 0.00	42.11 -2.34 0.00	46.00 -2.14 0.00	39.86 -1.99 0.00	29.60 -1.42 0.00	29.47 -1.00 0.00
SENECA___ENERGY 23797	25.75 -0.53 0.00	25.38 -0.59 0.00	18.90 -0.43 0.00	19.61 -0.43 0.00	22.65 -0.45 -0.01	29.83 -0.53 0.00	31.80 -0.43 0.00	36.34 -0.49 0.00	33.78 -0.43 0.00	32.84 -0.52 0.00	46.51 -1.03 0.00	58.54 -1.41 0.00	50.55 -1.15 0.00	37.91 -0.90 0.00	30.99 -0.78 0.00	33.85 -0.84 0.00	36.00 -0.85 0.00	40.20 -0.89 0.00	41.87 -0.65 0.00	43.80 -0.65 0.00	47.42 -0.73 0.00	41.18 -0.67 0.00	30.50 -0.52 0.00	30.01 -0.47 0.00
SHOEMAKER___GT 23640	27.61 1.34 0.00	27.25 1.28 0.00	20.27 0.94 0.00	20.98 0.94 0.00	24.17 1.08 0.00	31.57 1.21 0.00	33.49 1.26 0.00	38.39 1.56 0.00	35.79 1.58 0.00	34.79 1.42 0.00	49.63 2.10 0.00	62.51 2.56 0.00	53.76 2.07 0.00	40.41 1.60 0.00	33.09 1.32 0.00	36.12 1.43 0.00	38.50 1.65 0.00	42.88 1.79 0.00	44.36 1.84 0.00	46.22 1.78 0.00	49.89 1.74 0.00	43.28 1.43 0.00	32.29 1.27 0.00	31.77 1.30 0.00
SHOEMAKR_138KV_BK 111 55601	27.61 1.34 0.00	27.25 1.28 0.00	20.27 0.94 0.00	20.98 0.93 0.00	24.17 1.08 0.00	31.57 1.21 0.00	33.49 1.26 0.00	38.39 1.56 0.00	35.80 1.59 0.00	34.80 1.44 0.00	49.64 2.10 0.00	62.54 2.59 0.00	53.79 2.10 0.00	40.42 1.61 0.00	33.13 1.35 0.00	36.14 1.45 0.00	38.52 1.67 0.00	42.89 1.81 0.00	44.37 1.85 0.00	46.22 1.78 0.00	49.88 1.74 0.00	43.28 1.43 0.00	32.29 1.27 0.00	31.77 1.29 0.00
SHOREHAM_IC_1 23715	33.43 2.18 -4.97	32.38 2.01 -4.40	22.24 1.51 -1.40	21.52 1.48 0.00	25.60 1.72 -0.80	33.63 1.91 -1.36	37.38 1.95 -3.20	42.30 2.31 -3.16	38.59 2.42 -1.96	40.32 2.24 -4.72	29.90 3.59 21.22	57.45 4.03 6.53	47.58 3.13 7.24	43.68 2.76 -2.10	34.27 2.29 -0.21	45.41 2.33 -8.39	39.56 2.70 -0.01	44.35 3.07 -0.19	49.29 3.40 -3.37	86.66 3.24 -38.97	56.45 2.72 -5.59	35.73 2.24 8.35	36.05 2.21 -2.82	49.80 2.19 -17.14
SHOREHAM_IC_2 23716	33.41 2.16 -4.97	32.37 2.00 -4.40	22.24 1.51 -1.40	21.52 1.48 0.00	25.61 1.72 -0.80	33.62 1.90 -1.36	37.37 1.94 -3.20	42.29 2.30 -3.16	38.58 2.41 -1.96	40.32 2.24 -4.72	29.81 3.50 21.22	57.49 4.06 6.53	47.62 3.17 7.24	43.68 2.76 -2.10	34.26 2.28 -0.21	45.41 2.33 -8.39	39.57 2.70 -0.01	44.35 3.08 -0.19	49.29 3.40 -3.37	86.67 3.26 -38.97	56.45 2.72 -5.59	35.76 2.27 8.35	36.05 2.21 -2.82	49.80 2.19 -17.14
SISSONVILLE____ 23735	-7.19 -1.47 32.00	-19.43 -1.37 44.03	-21.05 -1.01 39.37	-20.87 -1.05 39.87	-20.02 -1.16 41.95	-14.00 -1.28 43.08	25.55 -1.19 5.49	28.24 -1.34 7.24	22.18 -1.29 10.74	30.57 -1.33 1.47	45.72 -1.82 0.00	58.05 -1.90 0.00	50.21 -1.48 0.00	37.45 -1.35 0.00	30.58 -1.19 0.00	33.50 -1.19 0.00	35.64 -1.21 0.00	39.83 -1.26 0.00	41.31 -1.22 0.00	43.56 -0.89 0.00	47.50 -0.64 0.00	41.36 -0.49 0.00	30.33 -0.70 0.00	29.57 -0.90 0.00
SITHE_IND_GS1 24169	25.47 -0.80 0.00	25.16 -0.81 0.00	18.74 -0.59 0.00	19.44 -0.61 0.00	22.39 -0.69 0.00	29.41 -0.95 0.00	31.21 -1.02 0.00	35.61 -1.22 0.00	33.08 -1.13 0.00	32.23 -1.13 0.00	45.88 -1.66 0.00	57.82 -2.13 0.00	49.92 -1.77 0.00	37.44 -1.37 0.00	30.61 -1.16 0.00	33.43 -1.26 0.00	35.56 -1.29 0.00	39.66 -1.43 0.00	41.14 -1.38 0.00	42.99 -1.45 0.00	46.57 -1.57 0.00	40.44 -1.41 0.00	29.98 -1.04 0.00	29.50 -0.98 0.00
SITHE_IND_GS2 24170	25.47 -0.80 0.00	25.16 -0.81 0.00	18.74 -0.59 0.00	19.44 -0.61 0.00	22.39 -0.69 0.00	29.41 -0.95 0.00	31.21 -1.02 0.00	35.61 -1.22 0.00	33.08 -1.13 0.00	32.23 -1.13 0.00	45.88 -1.66 0.00	57.82 -2.13 0.00	49.92 -1.77 0.00	37.44 -1.37 0.00	30.61 -1.16 0.00	33.43 -1.26 0.00	35.56 -1.29 0.00	39.66 -1.43 0.00	41.14 -1.38 0.00	42.99 -1.45 0.00	46.57 -1.57 0.00	40.44 -1.41 0.00	29.98 -1.04 0.00	29.50 -0.98 0.00
SITHE_IND_GS3 24171	25.47 -0.80 0.00	25.16 -0.81 0.00	18.74 -0.59 0.00	19.44 -0.61 0.00	22.39 -0.69 0.00	29.41 -0.95 0.00	31.21 -1.02 0.00	35.61 -1.22 0.00	33.08 -1.13 0.00	32.23 -1.13 0.00	45.88 -1.66 0.00	57.82 -2.13 0.00	49.92 -1.77 0.00	37.44 -1.37 0.00	30.61 -1.16 0.00	33.43 -1.26 0.00	35.56 -1.29 0.00	39.66 -1.43 0.00	41.14 -1.38 0.00	42.99 -1.45 0.00	46.57 -1.57 0.00	40.44 -1.41 0.00	29.98 -1.04 0.00	29.50 -0.98 0.00
SITHE_IND_GS4 24172	25.47 -0.80 0.00	25.16 -0.81 0.00	18.74 -0.59 0.00	19.44 -0.61 0.00	22.39 -0.69 0.00	29.41 -0.95 0.00	31.21 -1.02 0.00	35.61 -1.22 0.00	33.08 -1.13 0.00	32.23 -1.13 0.00	45.88 -1.66 0.00	57.82 -2.13 0.00	49.92 -1.77 0.00	37.44 -1.37 0.00	30.61 -1.16 0.00	33.43 -1.26 0.00	35.56 -1.29 0.00	39.66 -1.43 0.00	41.14 -1.38 0.00	42.99 -1.45 0.00	46.57 -1.57 0.00	40.44 -1.41 0.00	29.98 -1.04 0.00	29.50 -0.98 0.00

SITHE___BATAVIA 24024	25.43 -0.85 0.00	24.84 -1.12 0.00	18.48 -0.85 0.00	19.21 -0.84 0.00	22.19 -0.87 0.02	29.36 -0.99 0.00	31.36 -0.86 0.00	35.67 -1.16 0.00	33.17 -1.04 0.00	32.10 -1.27 0.00	45.33 -2.20 0.00	56.80 -3.15 0.00	49.43 -2.26 0.00	37.10 -1.71 0.00	30.04 -1.73 0.00	32.88 -1.81 0.00	34.87 -1.98 0.00	39.05 -2.03 0.00	40.98 -1.54 0.00	43.01 -1.44 0.00	46.93 -1.21 0.00	40.59 -1.26 0.00	30.06 -0.96 0.00	29.91 -0.56 0.00
SITHE___INDEPEND 23800	25.48 -0.80 0.00	25.16 -0.81 0.00	18.74 -0.59 0.00	19.44 -0.61 0.00	22.39 -0.69 0.00	29.41 -0.95 0.00	31.21 -1.01 0.00	35.61 -1.22 0.00	33.08 -1.13 0.00	32.23 -1.13 0.00	45.88 -1.66 0.00	57.82 -2.13 0.00	49.92 -1.77 0.00	37.45 -1.36 0.00	30.61 -1.16 0.00	33.43 -1.26 0.00	35.56 -1.29 0.00	39.66 -1.43 0.00	41.14 -1.38 0.00	42.99 -1.45 0.00	46.57 -1.57 0.00	40.44 -1.41 0.00	29.99 -1.03 0.00	29.50 -0.97 0.00
SITHE___MASSENA 23902	-12.15 -0.62 37.82	-17.41 -0.57 42.81	-19.47 -0.41 38.39	-19.24 -0.42 38.87	-18.19 -0.44 40.83	-13.97 -0.36 43.97	27.42 -0.25 4.55	33.23 -0.28 3.32	29.05 -0.23 4.92	32.51 -0.18 0.67	47.32 -0.22 0.00	59.87 -0.08 0.00	51.61 -0.08 0.00	38.68 -0.13 0.00	31.54 -0.23 0.00	34.48 -0.21 0.00	36.56 -0.30 0.00	40.79 -0.30 0.00	42.26 -0.27 0.00	44.43 -0.02 0.00	48.42 0.27 0.00	42.20 0.35 0.00	31.01 -0.02 0.00	30.33 -0.15 0.00
SITHE___OGDNSBRG 24021	-8.56 -0.58 34.26	-18.11 -0.52 43.55	-20.04 -0.38 38.99	-19.82 -0.39 39.48	-18.82 -0.39 41.52	-13.28 -0.20 43.43	27.06 -0.04 5.13	31.00 -0.11 5.72	25.50 -0.22 8.48	31.79 -0.41 1.16	46.85 -0.69 0.00	59.55 -0.40 0.00	51.59 -0.10 0.00	38.51 -0.30 0.00	31.36 -0.41 0.00	34.36 -0.33 0.00	36.49 -0.37 0.00	40.81 -0.28 0.00	42.36 -0.16 0.00	44.84 0.40 0.00	49.01 0.86 0.00	42.65 0.80 0.00	31.27 0.24 0.00	30.51 0.04 0.00
SITHE___STERLING 23777	27.15 0.37 -0.51	32.04 0.36 -5.71	24.63 0.26 -5.04	25.42 0.26 -5.11	28.81 0.31 -5.41	35.24 0.43 -4.45	33.87 0.51 -1.14	40.37 0.59 -2.95	39.00 0.48 -4.31	34.44 0.47 -0.60	48.26 0.72 0.00	60.92 0.97 0.00	52.50 0.81 0.00	39.31 0.50 0.00	32.24 0.46 0.00	35.28 0.59 0.00	37.71 0.86 0.00	42.04 0.95 0.00	43.70 1.18 0.00	45.69 1.24 0.00	49.43 1.29 0.00	42.84 0.99 0.00	31.69 0.67 0.00	31.01 0.53 0.00
SLEIGHT__34_KV_TB1 80719	25.53 -0.74 0.00	25.14 -0.83 0.00	18.70 -0.62 0.00	19.42 -0.63 0.00	22.41 -0.68 0.00	29.55 -0.81 0.00	31.51 -0.72 0.00	35.92 -0.91 0.00	33.43 -0.78 0.00	32.49 -0.87 0.00	46.07 -1.47 0.00	57.93 -2.02 0.00	50.21 -1.48 0.00	37.64 -1.17 0.00	30.64 -1.13 0.00	33.51 -1.18 0.00	35.64 -1.21 0.00	39.79 -1.30 0.00	41.49 -1.03 0.00	43.40 -1.05 0.00	47.15 -0.99 0.00	40.81 -1.04 0.00	30.22 -0.81 0.00	29.80 -0.68 0.00
SMITHTWN_69_KV_BK 1 55830	33.67 2.22 -5.17	32.63 2.08 -4.57	22.34 1.56 -1.46	21.56 1.52 0.00	25.71 1.79 -0.84	33.79 2.01 -1.41	37.61 2.04 -3.34	42.56 2.44 -3.29	38.82 2.50 -2.11	40.57 2.31 -4.91	30.29 3.55 20.79	57.77 4.22 6.39	48.05 3.40 7.04	43.86 2.86 -2.19	34.37 2.37 -0.23	45.69 2.31 -8.69	39.49 2.63 -0.01	44.26 2.99 -0.19	49.14 3.22 -3.40	86.73 3.08 -39.20	56.57 2.79 -5.64	35.94 2.34 8.24	36.57 2.24 -3.30	49.96 2.22 -17.26
SOUTH CAIRO___GT 23612	27.76 1.49 0.00	27.46 1.49 0.00	20.46 1.13 0.00	21.20 1.16 0.00	24.42 1.33 0.00	31.98 1.63 0.00	33.94 1.71 0.00	38.89 2.06 0.00	35.93 1.73 0.00	34.96 1.59 0.00	49.31 1.77 0.00	62.18 2.23 0.00	53.93 2.23 0.00	40.32 1.51 0.00	33.10 1.33 0.00	36.25 1.56 0.00	38.48 1.63 0.00	42.61 1.52 0.00	44.62 2.10 0.00	46.72 2.27 0.00	50.41 2.26 0.00	43.77 1.92 0.00	32.56 1.53 0.00	31.86 1.39 0.00
SOUTH HAMPTN___IC 23720	33.29 2.10 -4.91	32.24 1.92 -4.34	22.15 1.44 -1.38	21.44 1.40 0.00	25.51 1.64 -0.79	33.52 1.82 -1.34	37.26 1.87 -3.16	42.19 2.24 -3.11	38.46 2.34 -1.91	40.21 2.19 -4.66	29.89 3.71 21.37	57.34 3.95 6.57	47.46 3.07 7.31	43.56 2.68 -2.07	34.26 2.28 -0.21	45.53 2.54 -8.30	40.19 3.32 -0.01	44.99 3.72 -0.18	49.98 4.09 -3.37	87.27 3.92 -38.91	56.51 2.79 -5.57	35.74 2.27 8.39	35.87 2.18 -2.66	49.72 2.14 -17.10
SOUTHDOW_115KV_TB1 355954	25.68 -0.60 0.00	25.10 -0.87 0.00	18.61 -0.72 0.00	19.64 -0.40 0.00	22.90 -0.16 0.02	30.07 -0.28 0.00	31.81 -0.42 0.00	36.45 -0.38 0.00	34.23 0.02 0.00	33.20 -0.17 0.00	47.01 -0.53 0.00	59.19 -0.76 0.00	51.19 -0.51 0.00	38.39 -0.42 0.00	30.98 -0.79 0.00	33.95 -0.74 0.00	35.63 -1.22 0.00	39.56 -1.53 0.00	41.66 -0.87 0.00	43.85 -0.60 0.00	47.86 -0.28 0.00	41.38 -0.47 0.00	30.76 -0.27 0.00	30.54 0.07 0.00
SOUTHOLD_69_KV_BK 2 55809	33.01 1.83 -4.91	31.96 1.65 -4.34	21.94 1.23 -1.38	21.22 1.18 0.00	25.26 1.39 -0.79	33.19 1.50 -1.34	36.93 1.55 -3.16	41.85 1.90 -3.12	38.16 2.04 -1.91	39.92 1.90 -4.66	29.53 3.35 21.36	56.86 3.48 6.57	47.12 2.74 7.31	43.18 2.29 -2.07	33.99 2.01 -0.21	45.50 2.51 -8.30	40.68 3.81 -0.01	45.54 4.26 -0.18	50.53 4.65 -3.37	87.79 4.43 -38.91	56.26 2.55 -5.57	35.52 2.06 8.38	35.65 1.96 -2.67	49.48 1.90 -17.10
SOUTHOLD___IC 23719	33.03 1.85 -4.91	31.96 1.65 -4.34	21.94 1.23 -1.38	21.23 1.18 0.00	25.26 1.38 -0.79	33.20 1.50 -1.34	36.94 1.56 -3.16	41.86 1.91 -3.12	38.17 2.05 -1.91	39.92 1.90 -4.66	29.72 3.54 21.36	56.83 3.45 6.57	47.01 2.62 7.31	43.19 2.30 -2.07	33.99 2.01 -0.21	45.50 2.50 -8.30	40.68 3.81 -0.01	45.54 4.26 -0.18	50.53 4.65 -3.37	87.78 4.43 -38.91	56.26 2.55 -5.57	35.48 2.01 8.38	35.64 1.95 -2.67	49.48 1.90 -17.10
SOUTH_FORK_WT_PWR 323839	32.64 1.45 -4.91	31.57 1.26 -4.34	21.65 0.94 -1.38	20.93 0.88 0.00	24.91 1.03 -0.79	32.73 1.04 -1.34	36.46 1.08 -3.16	41.31 1.37 -3.12	37.65 1.53 -1.91	39.42 1.40 -4.66	29.18 3.01 21.36	55.94 2.56 6.57	46.21 1.83 7.31	42.57 1.68 -2.07	33.53 1.55 -0.21	45.19 2.20 -8.30	40.81 3.95 -0.01	45.69 4.42 -0.18	50.70 4.81 -3.37	87.88 4.53 -38.91	55.66 1.94 -5.57	34.94 1.48 8.38	35.23 1.54 -2.67	49.08 1.50 -17.10
SPIERFLS_115KV_TB 1 80737	27.83 1.56 0.00	27.53 1.56 0.00	20.48 1.15 0.00	21.24 1.19 0.00	24.35 1.27 0.00	31.65 1.29 0.00	33.20 0.98 0.00	37.73 0.90 0.00	34.74 0.54 0.00	33.85 0.49 0.00	48.20 0.66 0.00	60.74 0.79 0.00	52.90 1.21 0.00	40.60 1.79 0.00	33.44 1.67 0.00	35.78 1.09 0.00	37.55 0.70 0.00	41.86 0.77 0.00	43.31 0.79 0.00	45.65 1.21 0.00	49.34 1.19 0.00	42.99 1.14 0.00	32.00 0.97 0.00	31.80 1.33 0.00
ST LAWRENCE____ 23600	-13.72 -0.72 39.27	-17.20 -0.69 42.48	-19.31 -0.51 38.13	-19.08 -0.52 38.60	-18.02 -0.58 40.53	-14.41 -0.56 44.20	27.46 -0.48 4.29	34.09 -0.52 2.22	30.47 -0.44 3.30	32.57 -0.34 0.45	47.08 -0.46 0.00	59.50 -0.45 0.00	51.32 -0.38 0.00	38.48 -0.33 0.00	31.40 -0.37 0.00	34.30 -0.39 0.00	36.34 -0.51 0.00	40.59 -0.49 0.00	42.05 -0.47 0.00	44.13 -0.32 0.00	48.05 -0.09 0.00	41.82 -0.03 0.00	30.78 -0.25 0.00	30.13 -0.35 0.00

STATE_CA_115KV_115_LB 55624	27.15 0.88 0.00	26.87 0.90 0.00	20.01 0.68 0.00	20.74 0.69 0.00	23.88 0.80 0.00	31.22 0.87 0.00	33.04 0.81 0.00	37.80 0.97 0.00	35.00 0.79 0.00	34.06 0.69 0.00	48.38 0.84 0.00	61.01 1.06 0.00	52.59 0.90 0.00	39.59 0.78 0.00	32.55 0.78 0.00	35.55 0.86 0.00	37.79 0.94 0.00	41.95 0.86 0.00	43.48 0.96 0.00	45.31 0.86 0.00	48.84 0.69 0.00	42.47 0.62 0.00	31.74 0.71 0.00	31.15 0.68 0.00
STATE_ST_34_KV_LOAD 55959	26.10 -0.18 0.00	25.81 -0.16 0.00	19.24 -0.09 0.00	19.96 -0.09 0.00	23.02 -0.07 0.00	30.29 -0.06 0.00	32.24 0.01 0.00	36.67 -0.16 0.00	34.14 -0.07 0.00	33.12 -0.25 0.00	47.09 -0.45 0.00	59.23 -0.72 0.00	51.13 -0.56 0.00	38.25 -0.57 0.00	31.35 -0.42 0.00	34.26 -0.43 0.00	36.48 -0.38 0.00	40.76 -0.33 0.00	42.49 -0.03 0.00	44.43 -0.01 0.00	48.03 -0.11 0.00	41.75 -0.11 0.00	30.92 -0.10 0.00	30.34 -0.14 0.00
STATION_5_MISC_HYD 23604	25.49 -0.79 0.00	25.02 -0.95 0.00	18.62 -0.71 0.00	19.33 -0.71 0.00	22.31 -0.77 0.00	29.42 -0.94 0.00	31.35 -0.88 0.00	35.70 -1.13 0.00	33.25 -0.96 0.00	32.39 -0.97 0.00	45.95 -1.59 0.00	57.78 -2.17 0.00	50.12 -1.58 0.00	37.59 -1.22 0.00	30.49 -1.28 0.00	33.35 -1.34 0.00	35.39 -1.46 0.00	39.43 -1.65 0.00	41.18 -1.34 0.00	43.14 -1.31 0.00	46.94 -1.21 0.00	40.65 -1.20 0.00	30.11 -0.91 0.00	29.80 -0.67 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	25.65 -0.63 0.00	25.23 -0.74 0.00	18.77 -0.56 0.00	19.49 -0.56 0.00	22.50 -0.59 0.00	29.68 -0.68 0.00	31.64 -0.58 0.00	36.12 -0.71 0.00	33.58 -0.63 0.00	32.65 -0.72 0.00	46.24 -1.30 0.00	58.17 -1.78 0.00	50.38 -1.32 0.00	37.81 -1.00 0.00	30.76 -1.01 0.00	33.64 -1.05 0.00	35.78 -1.07 0.00	39.97 -1.12 0.00	41.66 -0.86 0.00	43.59 -0.86 0.00	47.34 -0.81 0.00	41.02 -0.84 0.00	30.37 -0.65 0.00	29.97 -0.51 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	25.37 -0.91 0.00	24.91 -1.06 0.00	18.54 -0.79 0.00	19.25 -0.80 0.00	22.22 -0.87 0.00	29.29 -1.07 0.00	31.21 -1.01 0.00	35.57 -1.26 0.00	33.12 -1.09 0.00	32.27 -1.09 0.00	45.79 -1.75 0.00	57.58 -2.37 0.00	49.95 -1.75 0.00	37.46 -1.35 0.00	30.41 -1.37 0.00	33.24 -1.45 0.00	35.28 -1.57 0.00	39.32 -1.77 0.00	41.04 -1.48 0.00	42.98 -1.47 0.00	46.75 -1.40 0.00	40.48 -1.37 0.00	29.98 -1.04 0.00	29.66 -0.82 0.00
STA_56___34_KV_BUS2 355983	25.37 -0.91 0.00	24.91 -1.06 0.00	18.54 -0.79 0.00	19.25 -0.80 0.00	22.22 -0.87 0.00	29.29 -1.07 0.00	31.21 -1.01 0.00	35.57 -1.26 0.00	33.12 -1.09 0.00	32.27 -1.09 0.00	45.79 -1.75 0.00	57.58 -2.37 0.00	49.95 -1.75 0.00	37.46 -1.35 0.00	30.41 -1.37 0.00	33.24 -1.45 0.00	35.28 -1.57 0.00	39.32 -1.77 0.00	41.04 -1.48 0.00	42.98 -1.47 0.00	46.75 -1.40 0.00	40.48 -1.37 0.00	29.98 -1.04 0.00	29.66 -0.82 0.00
STA_67___115KV_BK2 355882	25.43 -0.84 0.00	24.97 -1.00 0.00	18.58 -0.75 0.00	19.29 -0.75 0.00	22.27 -0.81 0.00	29.36 -1.00 0.00	31.28 -0.94 0.00	35.63 -1.20 0.00	33.18 -1.03 0.00	32.33 -1.03 0.00	45.86 -1.68 0.00	57.65 -2.31 0.00	50.01 -1.68 0.00	37.51 -1.30 0.00	30.44 -1.33 0.00	33.27 -1.42 0.00	35.30 -1.55 0.00	39.33 -1.76 0.00	41.07 -1.45 0.00	43.02 -1.43 0.00	46.81 -1.34 0.00	40.55 -1.30 0.00	30.04 -0.98 0.00	29.74 -0.73 0.00
STA_7___115KV_9TRANS 80674	25.59 -0.69 0.00	25.12 -0.85 0.00	18.69 -0.64 0.00	19.41 -0.64 0.00	22.40 -0.68 0.00	29.54 -0.81 0.00	31.49 -0.74 0.00	35.83 -1.00 0.00	33.38 -0.83 0.00	32.52 -0.84 0.00	46.14 -1.40 0.00	58.02 -1.93 0.00	50.33 -1.36 0.00	37.74 -1.07 0.00	30.62 -1.15 0.00	33.53 -1.16 0.00	35.59 -1.26 0.00	39.66 -1.43 0.00	41.43 -1.10 0.00	43.39 -1.05 0.00	47.21 -0.94 0.00	40.87 -0.98 0.00	30.27 -0.75 0.00	29.94 -0.53 0.00
STA_82___115KV_TB1 80780	25.43 -0.84 0.00	24.97 -1.00 0.00	18.58 -0.75 0.00	19.29 -0.75 0.00	22.27 -0.82 0.00	29.36 -1.00 0.00	31.29 -0.94 0.00	35.63 -1.19 0.00	33.18 -1.03 0.00	32.32 -1.04 0.00	45.84 -1.70 0.00	57.64 -2.31 0.00	50.00 -1.69 0.00	37.51 -1.30 0.00	30.44 -1.33 0.00	33.27 -1.42 0.00	35.30 -1.56 0.00	39.33 -1.76 0.00	41.07 -1.45 0.00	43.03 -1.42 0.00	46.82 -1.33 0.00	40.55 -1.30 0.00	30.05 -0.97 0.00	29.74 -0.73 0.00
STEEL___WIND 323596	24.94 -1.34 0.00	24.39 -1.59 0.00	18.16 -1.17 0.00	18.92 -1.13 0.00	21.84 -1.20 0.04	28.92 -1.44 0.00	30.80 -1.42 0.00	35.00 -1.83 0.00	32.72 -1.49 0.00	31.86 -1.50 0.00	45.08 -2.46 0.00	56.61 -3.34 0.00	49.19 -2.50 0.00	36.93 -1.88 0.00	29.82 -1.95 0.00	32.57 -2.12 0.00	34.30 -2.55 0.00	38.19 -2.90 0.00	40.09 -2.43 0.00	42.06 -2.38 0.00	45.92 -2.23 0.00	39.79 -2.06 0.00	29.56 -1.46 0.00	29.42 -1.06 0.00
STEPHTWN_115KV_BK_2 55603	27.25 0.98 0.00	26.98 1.01 0.00	20.11 0.78 0.00	20.87 0.82 0.00	24.01 0.93 0.00	31.45 1.09 0.00	33.25 1.03 0.00	38.00 1.17 0.00	35.20 0.99 0.00	34.35 0.98 0.00	48.72 1.18 0.00	61.39 1.44 0.00	52.86 1.16 0.00	39.70 0.90 0.00	32.64 0.87 0.00	35.74 1.05 0.00	37.97 1.12 0.00	42.20 1.12 0.00	43.81 1.28 0.00	45.64 1.20 0.00	49.12 0.98 0.00	42.72 0.87 0.00	31.90 0.88 0.00	31.33 0.85 0.00
STEUBEN_REC_LFGE 323667	25.15 -1.13 0.00	24.60 -1.37 0.00	18.22 -1.11 0.00	18.96 -1.09 0.00	22.34 -0.83 -0.09	30.03 -0.32 0.00	32.30 0.07 0.00	36.87 0.04 0.00	34.07 -0.14 0.00	32.74 -0.62 0.00	46.00 -1.54 0.00	57.77 -2.18 0.00	50.19 -1.50 0.00	37.69 -1.12 0.00	30.72 -1.06 0.00	33.88 -0.81 0.00	35.84 -1.01 0.00	40.02 -1.07 0.00	42.06 -0.46 0.00	44.01 -0.44 0.00	48.10 -0.04 0.00	41.81 -0.04 0.00	30.95 -0.08 0.00	30.39 -0.08 0.00
STILLWATER___SOLAR 323814	27.71 1.43 0.00	27.41 1.43 0.00	20.41 1.08 0.00	21.16 1.11 0.00	24.34 1.25 0.00	31.79 1.43 0.00	33.53 1.30 0.00	38.24 1.41 0.00	35.31 1.10 0.00	34.35 0.98 0.00	48.87 1.33 0.00	61.55 1.60 0.00	53.29 1.60 0.00	40.34 1.53 0.00	33.15 1.37 0.00	35.98 1.29 0.00	38.07 1.22 0.00	42.33 1.24 0.00	43.93 1.41 0.00	46.09 1.64 0.00	49.74 1.59 0.00	43.28 1.43 0.00	32.24 1.22 0.00	31.75 1.27 0.00
STONY___BROOK 24151	33.63 2.24 -5.10	32.57 2.09 -4.52	22.33 1.56 -1.44	21.58 1.53 0.00	25.70 1.79 -0.83	33.77 2.02 -1.40	37.56 2.04 -3.30	42.52 2.44 -3.25	38.78 2.51 -2.06	40.52 2.31 -4.84	30.22 3.61 20.93	57.71 4.19 6.44	47.93 3.35 7.11	43.86 2.89 -2.16	34.38 2.39 -0.22	45.60 2.31 -8.60	39.50 2.64 -0.01	44.27 3.00 -0.19	49.14 3.23 -3.39	86.65 3.09 -39.11	56.54 2.77 -5.62	35.88 2.31 8.28	36.42 2.26 -3.14	49.93 2.24 -17.22
STURGEON_POOL_HYD 23609	27.84 1.57 0.00	27.49 1.52 0.00	20.45 1.12 0.00	21.16 1.11 0.00	24.38 1.30 0.00	31.78 1.43 0.00	33.70 1.48 0.00	38.66 1.83 0.00	36.09 1.88 0.00	35.07 1.71 0.00	50.07 2.53 0.00	63.16 3.21 0.00	54.26 2.56 0.00	40.76 1.96 0.00	33.44 1.67 0.00	36.49 1.80 0.00	38.87 2.02 0.00	43.24 2.15 0.00	44.73 2.21 0.00	46.57 2.13 0.00	50.24 2.09 0.00	43.59 1.74 0.00	32.51 1.48 0.00	31.98 1.50 0.00

ST_LAW_115_BK7_LBMP 345037	-13.51 -0.77 39.02	-17.32 -0.73 42.56	-19.40 -0.54 38.18	-19.17 -0.56 38.66	-18.12 -0.61 40.60	-14.40 -0.60 44.16	27.36 -0.51 4.36	33.76 -0.56 2.51	30.01 -0.47 3.72	32.48 -0.38 0.51	47.02 -0.52 0.00	59.45 -0.50 0.00	51.27 -0.42 0.00	38.44 -0.37 0.00	31.36 -0.41 0.00	34.26 -0.43 0.00	36.30 -0.55 0.00	40.55 -0.54 0.00	42.00 -0.53 0.00	44.09 -0.35 0.00	48.02 -0.12 0.00	41.81 -0.04 0.00	30.74 -0.28 0.00	30.10 -0.38 0.00
ST_LAW_115_BK8_LBMP 345038	-13.51 -0.77 39.02	-17.32 -0.73 42.56	-19.40 -0.54 38.18	-19.17 -0.56 38.66	-18.12 -0.61 40.60	-14.40 -0.60 44.16	27.36 -0.51 4.36	33.76 -0.56 2.51	30.01 -0.47 3.72	32.48 -0.38 0.51	47.02 -0.52 0.00	59.45 -0.50 0.00	51.27 -0.42 0.00	38.44 -0.37 0.00	31.36 -0.41 0.00	34.26 -0.43 0.00	36.30 -0.55 0.00	40.55 -0.54 0.00	42.00 -0.53 0.00	44.09 -0.35 0.00	48.02 -0.12 0.00	41.81 -0.04 0.00	30.74 -0.28 0.00	30.10 -0.38 0.00
ST_LAW_230_BK5_LBMP 345035	-14.18 -0.72 39.74	-17.13 -0.69 42.41	-19.24 -0.51 38.06	-19.02 -0.52 38.54	-17.96 -0.58 40.46	-14.48 -0.56 44.27	27.51 -0.48 4.24	34.29 -0.52 2.02	30.77 -0.44 3.00	32.61 -0.34 0.41	47.08 -0.46 0.00	59.50 -0.45 0.00	51.32 -0.38 0.00	38.48 -0.33 0.00	31.40 -0.37 0.00	34.30 -0.39 0.00	36.34 -0.51 0.00	40.59 -0.49 0.00	42.05 -0.47 0.00	44.13 -0.32 0.00	48.05 -0.09 0.00	41.82 -0.03 0.00	30.78 -0.25 0.00	30.13 -0.35 0.00
ST_LAW_230_BK6_LBMP 345036	-14.18 -0.72 39.74	-17.13 -0.69 42.41	-19.24 -0.51 38.06	-19.02 -0.52 38.54	-17.96 -0.58 40.46	-14.48 -0.56 44.27	27.51 -0.48 4.24	34.29 -0.52 2.02	30.77 -0.44 3.00	32.61 -0.34 0.41	47.08 -0.46 0.00	59.50 -0.45 0.00	51.32 -0.38 0.00	38.48 -0.33 0.00	31.40 -0.37 0.00	34.30 -0.39 0.00	36.34 -0.51 0.00	40.59 -0.49 0.00	42.05 -0.47 0.00	44.13 -0.32 0.00	48.05 -0.09 0.00	41.82 -0.03 0.00	30.78 -0.25 0.00	30.13 -0.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.74 1.46 0.00	27.35 1.38 0.00	20.35 1.02 0.00	21.05 1.01 0.00	24.25 1.17 0.00	31.66 1.31 0.00	33.60 1.38 0.00	38.53 1.70 0.00	35.98 1.77 0.00	34.97 1.60 0.00	49.89 2.35 0.00	62.87 2.92 0.00	54.08 2.39 0.00	40.61 1.80 0.00	33.33 1.56 0.00	36.36 1.67 0.00	38.75 1.90 0.00	43.10 2.01 0.00	44.57 2.05 0.00	46.41 1.96 0.00	50.06 1.92 0.00	43.43 1.58 0.00	32.41 1.39 0.00	31.89 1.41 0.00
SWANROAD_115KV_TB1 355699	24.30 -1.98 0.00	23.67 -2.30 0.00	17.62 -1.71 0.00	18.33 -1.72 0.00	21.17 -1.88 0.03	27.97 -2.38 0.00	29.83 -2.40 0.00	33.80 -3.03 0.00	31.61 -2.60 0.00	30.78 -2.58 0.00	43.47 -4.07 0.00	54.50 -5.45 0.00	47.43 -4.26 0.00	35.67 -3.14 0.00	28.78 -2.99 0.00	31.43 -3.26 0.00	33.13 -3.72 0.00	36.82 -4.27 0.00	38.67 -3.85 0.00	40.60 -3.84 0.00	44.39 -3.76 0.00	38.46 -3.39 0.00	28.58 -2.44 0.00	28.67 -1.81 0.00
SYNERGY___BIOGAS 323694	25.42 -0.86 0.00	24.84 -1.13 0.00	18.48 -0.85 0.00	19.21 -0.84 0.00	22.19 -0.88 0.02	29.36 -0.99 0.00	31.36 -0.87 0.00	35.66 -1.17 0.00	33.17 -1.04 0.00	32.10 -1.26 0.00	45.35 -2.19 0.00	56.78 -3.16 0.00	49.43 -2.27 0.00	37.09 -1.72 0.00	30.05 -1.72 0.00	32.89 -1.80 0.00	34.87 -1.98 0.00	39.05 -2.03 0.00	40.98 -1.54 0.00	43.01 -1.44 0.00	46.94 -1.21 0.00	40.59 -1.26 0.00	30.07 -0.95 0.00	29.92 -0.56 0.00
SYRACUSE___ENERGY_ST1 323597	26.01 -0.27 0.00	25.67 -0.30 0.00	19.12 -0.21 0.00	19.84 -0.21 0.00	22.86 -0.22 0.00	30.05 -0.30 0.00	31.93 -0.29 0.00	36.47 -0.37 0.00	33.87 -0.34 0.00	32.99 -0.38 0.00	46.94 -0.60 0.00	59.08 -0.87 0.00	51.02 -0.67 0.00	38.25 -0.56 0.00	31.28 -0.49 0.00	34.16 -0.53 0.00	36.37 -0.48 0.00	40.61 -0.48 0.00	42.17 -0.35 0.00	44.08 -0.37 0.00	47.72 -0.43 0.00	41.40 -0.45 0.00	30.68 -0.35 0.00	30.14 -0.34 0.00
SYRACUSE___ENERGY_ST2 323598	26.01 -0.27 0.00	25.67 -0.30 0.00	19.12 -0.21 0.00	19.84 -0.21 0.00	22.86 -0.22 0.00	30.05 -0.30 0.00	31.93 -0.29 0.00	36.47 -0.37 0.00	33.87 -0.34 0.00	32.99 -0.38 0.00	46.94 -0.60 0.00	59.08 -0.87 0.00	51.02 -0.67 0.00	38.25 -0.56 0.00	31.28 -0.49 0.00	34.16 -0.53 0.00	36.37 -0.48 0.00	40.61 -0.48 0.00	42.17 -0.35 0.00	44.08 -0.37 0.00	47.72 -0.43 0.00	41.40 -0.45 0.00	30.68 -0.35 0.00	30.14 -0.34 0.00
SYRACUSE___POWER 24017	26.12 -0.16 0.00	25.77 -0.20 0.00	19.19 -0.14 0.00	19.90 -0.14 0.00	22.93 -0.15 0.00	30.14 -0.22 0.00	32.02 -0.20 0.00	36.59 -0.24 0.00	34.02 -0.19 0.00	33.17 -0.19 0.00	47.21 -0.32 0.00	59.45 -0.50 0.00	51.34 -0.36 0.00	38.52 -0.29 0.00	31.47 -0.30 0.00	34.30 -0.39 0.00	36.55 -0.31 0.00	40.76 -0.32 0.00	42.32 -0.20 0.00	44.23 -0.21 0.00	47.89 -0.25 0.00	41.54 -0.31 0.00	30.79 -0.23 0.00	30.26 -0.22 0.00
TALLMAN__138KV_BK151 55660	27.86 1.59 0.00	27.45 1.48 0.00	20.43 1.10 0.00	21.13 1.08 0.00	24.34 1.25 0.00	31.76 1.40 0.00	33.71 1.48 0.00	38.67 1.84 0.00	36.15 1.94 0.00	35.11 1.75 0.00	50.12 2.58 0.00	63.18 3.23 0.00	54.31 2.61 0.00	40.79 1.98 0.00	33.50 1.73 0.00	36.53 1.84 0.00	38.95 2.10 0.00	43.30 2.21 0.00	44.77 2.25 0.00	46.57 2.13 0.00	50.22 2.07 0.00	43.55 1.70 0.00	32.54 1.52 0.00	32.02 1.55 0.00
TEALLAVE_115KV_TB7 355573	25.98 -0.30 0.00	25.63 -0.34 0.00	19.09 -0.24 0.00	19.80 -0.25 0.00	22.81 -0.27 0.00	29.98 -0.38 0.00	31.84 -0.38 0.00	36.38 -0.45 0.00	33.80 -0.41 0.00	32.94 -0.42 0.00	46.89 -0.64 0.00	59.05 -0.90 0.00	50.99 -0.70 0.00	38.25 -0.56 0.00	31.28 -0.49 0.00	34.13 -0.57 0.00	36.35 -0.51 0.00	40.52 -0.57 0.00	42.06 -0.46 0.00	43.95 -0.50 0.00	47.60 -0.55 0.00	41.29 -0.56 0.00	30.61 -0.41 0.00	30.10 -0.38 0.00
TELGRAPH_34_KV_EAST 80808	24.87 -1.40 0.00	24.28 -1.69 0.00	18.07 -1.26 0.00	18.79 -1.26 0.00	21.71 -1.35 0.03	28.71 -1.65 0.00	30.62 -1.61 0.00	34.76 -2.07 0.00	32.45 -1.76 0.00	31.55 -1.81 0.00	44.60 -2.94 0.00	55.90 -4.05 0.00	48.64 -3.06 0.00	36.53 -2.28 0.00	29.51 -2.26 0.00	32.25 -2.44 0.00	34.07 -2.79 0.00	37.96 -3.13 0.00	39.85 -2.67 0.00	41.82 -2.62 0.00	45.69 -2.46 0.00	39.56 -2.29 0.00	29.36 -1.67 0.00	29.31 -1.17 0.00
TEMPLE___115KV_TB 2 55572	26.00 -0.27 0.00	25.65 -0.32 0.00	19.10 -0.22 0.00	19.81 -0.23 0.00	22.83 -0.25 0.00	30.01 -0.35 0.00	31.87 -0.36 0.00	36.41 -0.42 0.00	33.84 -0.37 0.00	32.98 -0.39 0.00	46.94 -0.60 0.00	59.11 -0.84 0.00	51.04 -0.65 0.00	38.29 -0.52 0.00	31.31 -0.46 0.00	34.16 -0.53 0.00	36.38 -0.47 0.00	40.55 -0.54 0.00	42.09 -0.43 0.00	43.98 -0.46 0.00	47.62 -0.52 0.00	41.31 -0.54 0.00	30.63 -0.39 0.00	30.13 -0.35 0.00
TIANA____69_KV_BK 1 55817	33.34 2.15 -4.91	32.31 1.99 -4.34	22.20 1.49 -1.38	21.50 1.46 0.00	25.58 1.70 -0.79	33.59 1.90 -1.34	37.34 1.95 -3.16	42.28 2.33 -3.12	38.54 2.42 -1.91	40.29 2.27 -4.66	29.83 3.66 21.36	57.50 4.12 6.57	47.65 3.26 7.31	43.66 2.78 -2.07	34.32 2.34 -0.21	45.53 2.53 -8.30	40.02 3.15 -0.01	44.83 3.56 -0.18	49.80 3.91 -3.37	87.11 3.75 -38.91	56.58 2.87 -5.57	35.84 2.37 8.38	35.94 2.25 -2.67	49.78 2.21 -17.10

TILDEN___115KV_TB1 80814	26.12 -0.16 0.00	25.77 -0.20 0.00	19.19 -0.14 0.00	19.90 -0.14 0.00	22.93 -0.15 0.00	30.14 -0.22 0.00	32.02 -0.20 0.00	36.59 -0.24 0.00	34.02 -0.19 0.00	33.17 -0.19 0.00	47.21 -0.32 0.00	59.45 -0.50 0.00	51.34 -0.36 0.00	38.52 -0.29 0.00	31.47 -0.30 0.00	34.30 -0.39 0.00	36.55 -0.31 0.00	40.76 -0.32 0.00	42.32 -0.20 0.00	44.23 -0.21 0.00	47.89 -0.25 0.00	41.54 -0.31 0.00	30.79 -0.23 0.00	30.26 -0.22 0.00
TRIGEN___CC 323695	63.98 1.94 -35.76	59.58 1.89 -31.72	30.74 1.44 -9.97	21.46 1.40 -0.02	30.94 1.65 -6.21	42.89 1.86 -10.67	58.97 1.87 -24.87	63.31 2.27 -24.21	62.30 2.27 -25.83	69.53 2.05 -34.11	94.75 3.14 -44.08	77.16 3.84 -13.37	77.42 2.99 -22.73	57.20 2.45 -15.94	36.11 2.12 -2.22	89.92 2.16 -53.06	39.19 2.32 -0.02	43.99 2.47 -0.43	52.47 2.54 -7.41	121.31 2.40 -74.46	64.03 2.28 -13.61	51.18 1.92 -7.41	110.49 1.81 -77.66	70.14 1.82 -37.84
TRINITY___115KV___4 BK 55933	27.08 0.81 0.00	26.79 0.82 0.00	19.96 0.63 0.00	20.68 0.63 0.00	23.81 0.73 0.00	31.11 0.76 0.00	32.91 0.68 0.00	37.64 0.82 0.00	34.83 0.62 0.00	33.90 0.54 0.00	48.16 0.62 0.00	60.70 0.75 0.00	52.30 0.61 0.00	39.38 0.57 0.00	32.40 0.63 0.00	35.39 0.70 0.00	37.59 0.74 0.00	41.73 0.65 0.00	43.23 0.71 0.00	45.10 0.65 0.00	48.60 0.45 0.00	42.28 0.43 0.00	31.62 0.59 0.00	31.05 0.57 0.00
UNION___PROCESSING_DRP 323587	25.44 -0.84 0.00	24.97 -1.00 0.00	18.58 -0.75 0.00	19.29 -0.75 0.00	22.28 -0.81 0.00	29.37 -0.99 0.00	31.30 -0.93 0.00	35.64 -1.19 0.00	33.18 -1.03 0.00	32.33 -1.03 0.00	45.85 -1.69 0.00	57.64 -2.31 0.00	50.01 -1.68 0.00	37.51 -1.30 0.00	30.44 -1.33 0.00	33.27 -1.42 0.00	35.31 -1.55 0.00	39.34 -1.75 0.00	41.09 -1.42 0.00	43.04 -1.41 0.00	46.84 -1.30 0.00	40.56 -1.29 0.00	30.06 -0.97 0.00	29.74 -0.73 0.00
UPPER HUDSON___HYD 24058	27.83 1.56 0.00	27.53 1.56 0.00	20.48 1.15 0.00	21.24 1.19 0.00	24.35 1.27 0.00	31.65 1.29 0.00	33.20 0.97 0.00	37.73 0.90 0.00	34.75 0.54 0.00	33.85 0.49 0.00	48.20 0.66 0.00	60.74 0.79 0.00	52.89 1.20 0.00	40.60 1.79 0.00	33.44 1.67 0.00	35.78 1.09 0.00	37.55 0.70 0.00	41.86 0.77 0.00	43.31 0.79 0.00	45.65 1.20 0.00	49.34 1.19 0.00	42.99 1.14 0.00	32.00 0.97 0.00	31.80 1.33 0.00
UPPER RAQUET___HYD 24056	-7.19 -1.47 32.00	-19.43 -1.37 44.03	-21.05 -1.01 39.37	-20.87 -1.05 39.87	-20.02 -1.16 41.95	-14.00 -1.28 43.08	25.54 -1.19 5.49	28.24 -1.34 7.24	22.18 -1.29 10.74	30.57 -1.33 1.47	45.72 -1.82 0.00	58.05 -1.90 0.00	50.21 -1.48 0.00	37.45 -1.36 0.00	30.58 -1.19 0.00	33.50 -1.19 0.00	35.65 -1.21 0.00	39.83 -1.26 0.00	41.31 -1.21 0.00	43.56 -0.89 0.00	47.50 -0.65 0.00	41.36 -0.49 0.00	30.33 -0.70 0.00	29.57 -0.90 0.00
VALLEY44_115KV_TB2 355964	25.64 -0.63 0.00	25.17 -0.80 0.00	18.77 -0.56 0.00	19.54 -0.50 0.00	22.61 -0.46 0.02	29.73 -0.62 0.00	31.48 -0.75 0.00	36.01 -0.82 0.00	33.73 -0.48 0.00	32.83 -0.53 0.00	46.53 -1.01 0.00	58.38 -1.57 0.00	50.62 -1.07 0.00	37.82 -0.99 0.00	30.65 -1.12 0.00	33.36 -1.33 0.00	34.86 -2.00 0.00	38.79 -2.30 0.00	40.70 -1.82 0.00	42.78 -1.67 0.00	46.74 -1.41 0.00	40.50 -1.35 0.00	30.19 -0.84 0.00	30.01 -0.46 0.00
VALLEY___115KV_TB 1-4 80826	28.24 -0.24 -2.21	30.49 -0.23 -4.75	23.42 -0.13 -4.23	24.19 -0.14 -4.29	27.42 -0.18 -4.52	34.27 -0.35 -4.26	32.49 -0.47 -0.74	37.83 -0.48 -1.48	35.90 -0.52 -2.22	33.01 -0.66 -0.30	46.59 -0.95 0.00	58.82 -1.13 0.00	50.67 -1.02 0.00	38.04 -0.77 0.00	31.16 -0.61 0.00	33.99 -0.70 0.00	36.12 -0.73 0.00	40.94 -0.15 0.00	42.48 -0.04 0.00	44.38 -0.07 0.00	48.17 0.02 0.00	41.76 -0.09 0.00	31.12 0.10 0.00	30.48 0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	27.34 1.06 0.00	27.05 1.08 0.00	20.14 0.81 0.00	20.88 0.83 0.00	24.06 0.97 0.00	31.47 1.11 0.00	33.47 1.24 0.00	38.29 1.46 0.00	35.63 1.42 0.00	34.71 1.34 0.00	49.44 1.90 0.00	62.19 2.24 0.00	53.74 2.05 0.00	40.36 1.55 0.00	32.98 1.21 0.00	36.05 1.36 0.00	38.30 1.44 0.00	42.71 1.63 0.00	44.30 1.78 0.00	46.21 1.77 0.00	49.96 1.81 0.00	43.36 1.52 0.00	32.20 1.18 0.00	31.64 1.16 0.00
VISCHER___FERRY HYD 24020	27.41 1.13 0.00	27.11 1.13 0.00	20.20 0.87 0.00	20.93 0.88 0.00	24.08 1.00 0.00	31.48 1.13 0.00	33.25 1.02 0.00	38.01 1.18 0.00	35.10 0.89 0.00	34.16 0.80 0.00	48.60 1.06 0.00	61.20 1.25 0.00	52.78 1.09 0.00	39.77 0.97 0.00	32.74 0.97 0.00	35.70 1.01 0.00	37.83 0.98 0.00	42.03 0.94 0.00	43.62 1.10 0.00	45.60 1.16 0.00	49.14 0.99 0.00	42.79 0.94 0.00	31.96 0.93 0.00	31.39 0.91 0.00
V_A_10_SYNC_DSASP 323832	24.91 -1.37 0.00	24.42 -1.56 0.00	18.17 -1.16 0.00	18.89 -1.15 0.00	21.80 -1.26 0.02	28.76 -1.59 0.00	30.61 -1.62 0.00	34.78 -2.05 0.00	32.48 -1.73 0.00	31.66 -1.70 0.00	44.85 -2.68 0.00	56.35 -3.60 0.00	48.91 -2.78 0.00	36.71 -2.10 0.00	29.69 -2.08 0.00	32.43 -2.26 0.00	34.23 -2.62 0.00	38.08 -3.00 0.00	39.87 -2.65 0.00	41.82 -2.62 0.00	45.63 -2.52 0.00	39.55 -2.31 0.00	29.37 -1.66 0.00	29.24 -1.24 0.00
V_CMM_10_SYNC_DSASP 323787	-13.32 -0.58 39.02	-17.13 -0.54 42.56	-19.25 -0.39 38.18	-19.01 -0.40 38.66	-17.94 -0.42 40.60	-14.16 -0.35 44.16	27.63 -0.24 4.36	34.07 -0.25 2.51	30.30 -0.19 3.72	32.76 -0.10 0.51	47.43 -0.11 0.00	59.97 0.02 0.00	51.68 -0.02 0.00	38.75 -0.06 0.00	31.61 -0.16 0.00	34.53 -0.16 0.00	36.59 -0.27 0.00	40.86 -0.23 0.00	42.33 -0.19 0.00	44.46 0.01 0.00	48.44 0.29 0.00	42.16 0.31 0.00	30.99 -0.03 0.00	30.33 -0.15 0.00
V_CMP_10_SYNC_DSASP 323788	-13.79 -1.02 39.05	-17.59 -1.01 42.55	-19.54 -0.69 38.18	-19.37 -0.76 38.66	-18.26 -0.74 40.60	-14.53 -0.72 44.16	27.43 -0.44 4.35	34.19 -0.15 2.49	30.70 0.19 3.69	33.18 0.32 0.51	47.95 0.41 0.00	60.87 0.92 0.00	52.19 0.50 0.00	39.31 0.50 0.00	32.14 0.37 0.00	35.05 0.36 0.00	37.10 0.25 0.00	41.65 0.56 0.00	43.02 0.50 0.00	45.13 0.69 0.00	49.30 1.15 0.00	42.87 1.02 0.00	31.69 0.67 0.00	30.74 0.27 0.00
V_D_10_SYNC_DSASP 323841	-12.23 -0.61 37.90	-17.38 -0.56 42.79	-19.45 -0.41 38.37	-19.22 -0.41 38.86	-18.17 -0.44 40.82	-13.98 -0.35 43.99	27.44 -0.25 4.54	33.30 -0.26 3.26	29.14 -0.23 4.84	32.54 -0.17 0.66	47.33 -0.21 0.00	59.88 -0.07 0.00	51.61 -0.08 0.00	38.68 -0.13 0.00	31.55 -0.22 0.00	34.49 -0.20 0.00	36.56 -0.29 0.00	40.80 -0.29 0.00	42.27 -0.25 0.00	44.43 -0.02 0.00	48.42 0.28 0.00	42.20 0.35 0.00	31.01 -0.02 0.00	30.33 -0.14 0.00
V_E_10_SYNC_DSASP 323830	27.02 0.75 0.00	26.71 0.74 0.00	20.01 0.68 0.00	20.73 0.69 0.00	23.94 0.84 -0.01	31.32 0.96 0.00	33.73 1.50 0.00	38.49 1.66 0.00	35.60 1.39 0.00	35.01 1.64 0.00	49.81 2.27 0.00	61.88 1.93 0.00	54.36 2.66 0.00	41.07 2.26 0.00	33.40 1.63 0.00	36.90 2.20 0.00	38.93 2.08 0.00	44.31 3.22 0.00	46.05 3.53 0.00	47.77 3.32 0.00	51.72 3.57 0.00	44.81 2.97 0.00	33.05 2.03 0.00	32.14 1.66 0.00

V_F_30_NSYNC___DSASP 323816	27.73 1.46 0.00	27.43 1.46 0.00	20.43 1.10 0.00	21.18 1.13 0.00	24.36 1.28 0.00	31.83 1.47 0.00	33.58 1.35 0.00	38.30 1.47 0.00	35.37 1.16 0.00	34.42 1.05 0.00	48.98 1.44 0.00	61.73 1.78 0.00	53.42 1.72 0.00	40.41 1.60 0.00	33.21 1.44 0.00	36.05 1.36 0.00	38.15 1.30 0.00	42.44 1.35 0.00	44.01 1.49 0.00	46.17 1.73 0.00	49.83 1.68 0.00	43.35 1.50 0.00	32.28 1.26 0.00	31.79 1.32 0.00
V_F_30_SYNC_DSASP 323786	27.15 0.88 0.00	26.87 0.90 0.00	20.01 0.68 0.00	20.74 0.69 0.00	23.88 0.80 0.00	31.22 0.87 0.00	33.03 0.81 0.00	37.80 0.97 0.00	35.00 0.79 0.00	34.05 0.68 0.00	48.37 0.83 0.00	61.00 1.05 0.00	52.59 0.90 0.00	39.59 0.78 0.00	32.55 0.78 0.00	35.55 0.86 0.00	37.78 0.93 0.00	41.94 0.86 0.00	43.47 0.95 0.00	45.31 0.86 0.00	48.84 0.69 0.00	42.47 0.62 0.00	31.73 0.70 0.00	31.15 0.67 0.00
V_XM_10_SYNC_DSASP 323789	-13.79 -1.02 39.05	-17.59 -1.01 42.55	-19.54 -0.69 38.18	-19.37 -0.76 38.66	-18.26 -0.74 40.60	-14.53 -0.72 44.16	27.43 -0.44 4.35	34.19 -0.15 2.49	30.70 0.19 3.69	33.18 0.32 0.51	47.95 0.41 0.00	60.87 0.92 0.00	52.19 0.50 0.00	39.31 0.50 0.00	32.14 0.37 0.00	35.05 0.36 0.00	37.10 0.25 0.00	41.65 0.56 0.00	43.02 0.50 0.00	45.13 0.69 0.00	49.30 1.15 0.00	42.87 1.02 0.00	31.69 0.67 0.00	30.74 0.27 0.00
W.BABYLN_69_KV_BK1 56697	39.50 2.32 -10.91	37.84 2.20 -9.67	24.04 1.65 -3.05	21.66 1.61 0.00	26.69 1.89 -1.72	35.42 2.17 -2.89	41.82 2.21 -7.38	46.70 2.65 -7.22	43.42 2.67 -6.55	46.12 2.37 -10.39	42.17 3.58 8.95	61.47 4.29 2.78	53.33 3.44 1.80	46.43 2.85 -4.77	34.74 2.37 -0.60	54.04 2.40 -16.95	39.58 2.71 -0.01	44.19 2.90 -0.20	49.53 3.07 -3.94	91.35 3.09 -43.81	57.92 2.89 -6.88	38.53 2.37 5.68	50.08 2.29 -16.76	53.11 2.29 -20.34
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	27.95 1.67 0.00	27.54 1.57 0.00	20.49 1.16 0.00	21.19 1.14 0.00	24.41 1.33 0.00	31.87 1.51 0.00	33.83 1.60 0.00	38.81 1.98 0.00	36.28 2.07 0.00	35.24 1.88 0.00	50.31 2.77 0.00	63.41 3.46 0.00	54.51 2.82 0.00	40.95 2.14 0.00	33.62 1.85 0.00	36.67 1.98 0.00	39.09 2.24 0.00	43.46 2.37 0.00	44.93 2.41 0.00	46.75 2.31 0.00	50.41 2.27 0.00	43.72 1.87 0.00	32.65 1.62 0.00	32.13 1.65 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.16 1.88 0.00	27.76 1.78 0.00	20.65 1.31 0.00	21.35 1.30 0.00	24.60 1.51 0.00	32.06 1.70 0.00	34.02 1.79 0.00	39.11 2.28 0.00	36.57 2.36 0.00	35.48 2.11 0.00	50.65 3.11 0.00	63.86 3.91 0.00	54.79 3.10 0.00	41.21 2.40 0.00	33.86 2.09 0.00	36.89 2.21 0.00	39.29 2.44 0.00	43.62 2.54 0.00	45.06 2.54 0.00	46.82 2.37 0.00	50.47 2.32 0.00	43.83 1.98 0.00	32.78 1.76 0.00	32.32 1.84 0.00
W50THST__13_KV_LOAD 356117	28.28 2.00 0.00	27.88 1.91 0.00	20.74 1.41 0.00	21.45 1.40 0.00	24.72 1.63 0.00	32.21 1.86 0.00	34.21 1.99 0.00	39.35 2.52 0.00	36.81 2.60 0.00	35.67 2.31 0.00	50.92 3.38 0.00	64.23 4.28 0.00	55.12 3.43 0.00	41.46 2.65 0.00	34.07 2.30 0.00	37.12 2.43 0.00	39.51 2.66 0.00	43.85 2.76 0.00	45.27 2.75 0.00	47.03 2.58 0.00	50.67 2.53 0.00	44.01 2.16 0.00	32.94 1.92 0.00	32.49 2.01 0.00
WADING RIVER_IC_1 23522	33.35 2.19 -4.89	32.31 2.02 -4.32	22.22 1.51 -1.38	21.52 1.48 0.00	25.59 1.72 -0.79	33.61 1.92 -1.34	37.34 1.96 -3.15	42.25 2.32 -3.10	38.53 2.43 -1.89	40.25 2.25 -4.64	29.73 3.60 21.41	57.40 4.03 6.58	47.53 3.17 7.32	43.65 2.77 -2.07	34.27 2.30 -0.21	45.31 2.35 -8.27	39.62 2.75 -0.01	44.41 3.14 -0.18	49.33 3.44 -3.36	86.63 3.29 -38.89	56.45 2.74 -5.57	35.71 2.26 8.39	35.85 2.21 -2.62	49.76 2.19 -17.09
WADING RIVER_IC_2 23547	33.35 2.19 -4.89	32.31 2.02 -4.32	22.22 1.51 -1.38	21.52 1.48 0.00	25.59 1.72 -0.79	33.61 1.92 -1.34	37.34 1.96 -3.15	42.25 2.32 -3.10	38.53 2.43 -1.89	40.25 2.25 -4.64	29.73 3.60 21.41	57.40 4.03 6.58	47.53 3.17 7.32	43.65 2.77 -2.07	34.27 2.30 -0.21	45.31 2.35 -8.27	39.62 2.75 -0.01	44.41 3.14 -0.18	49.33 3.44 -3.36	86.63 3.29 -38.89	56.45 2.74 -5.57	35.71 2.26 8.39	35.85 2.21 -2.62	49.76 2.19 -17.09
WADING RIVER_IC_3 23601	33.35 2.19 -4.89	32.31 2.02 -4.32	22.22 1.51 -1.38	21.52 1.48 0.00	25.59 1.72 -0.79	33.61 1.92 -1.34	37.34 1.96 -3.15	42.25 2.32 -3.10	38.53 2.43 -1.89	40.25 2.25 -4.64	29.73 3.60 21.41	57.40 4.03 6.58	47.53 3.17 7.32	43.65 2.77 -2.07	34.27 2.30 -0.21	45.31 2.35 -8.27	39.62 2.75 -0.01	44.41 3.14 -0.18	49.33 3.44 -3.36	86.63 3.29 -38.89	56.45 2.74 -5.57	35.71 2.26 8.39	35.85 2.21 -2.62	49.76 2.19 -17.09
WALDENNY_12_KV_BK2 80841	24.95 -1.32 0.00	24.38 -1.59 0.00	18.15 -1.18 0.00	18.91 -1.14 0.00	21.83 -1.21 0.04	28.90 -1.45 0.00	30.80 -1.42 0.00	34.99 -1.84 0.00	32.74 -1.47 0.00	31.88 -1.48 0.00	45.09 -2.45 0.00	56.59 -3.36 0.00	49.21 -2.48 0.00	36.96 -1.85 0.00	29.86 -1.92 0.00	32.61 -2.08 0.00	34.33 -2.52 0.00	38.21 -2.88 0.00	40.10 -2.42 0.00	42.08 -2.37 0.00	45.96 -2.18 0.00	39.82 -2.03 0.00	29.57 -1.46 0.00	29.46 -1.01 0.00
WALDEN___HYDRO 24148	27.87 1.60 0.00	27.49 1.52 0.00	20.45 1.12 0.00	21.16 1.11 0.00	24.38 1.30 0.00	31.82 1.46 0.00	33.77 1.54 0.00	38.74 1.91 0.00	36.16 1.95 0.00	35.14 1.77 0.00	50.13 2.59 0.00	63.20 3.25 0.00	54.33 2.64 0.00	40.81 2.00 0.00	33.48 1.71 0.00	36.53 1.84 0.00	38.93 2.08 0.00	43.31 2.23 0.00	44.81 2.29 0.00	46.67 2.22 0.00	50.36 2.21 0.00	43.67 1.82 0.00	32.58 1.56 0.00	32.05 1.57 0.00
WARRENSBURG____ 23737	27.83 1.56 0.00	27.53 1.56 0.00	20.48 1.15 0.00	21.24 1.19 0.00	24.35 1.27 0.00	31.65 1.29 0.00	33.20 0.98 0.00	37.73 0.90 0.00	34.74 0.54 0.00	33.85 0.49 0.00	48.20 0.66 0.00	60.74 0.79 0.00	52.90 1.21 0.00	40.60 1.79 0.00	33.44 1.67 0.00	35.78 1.09 0.00	37.55 0.70 0.00	41.86 0.77 0.00	43.31 0.79 0.00	45.65 1.21 0.00	49.34 1.19 0.00	42.99 1.14 0.00	32.00 0.97 0.00	31.80 1.33 0.00
WATERSIDE___6 8 9 23538	28.19 1.91 0.00	27.80 1.83 0.00	20.68 1.35 0.00	21.39 1.34 0.00	24.64 1.55 0.00	32.07 1.71 0.00	32.58 1.76 1.41	37.63 2.22 1.41	34.75 2.33 1.79	33.13 2.17 2.40	50.42 3.20 0.31	63.92 3.97 0.00	54.83 3.13 0.00	40.33 2.46 0.93	31.58 2.17 2.35	35.36 2.25 1.58	26.22 2.49 13.12	38.20 2.58 5.46	42.09 2.56 3.00	46.79 2.34 0.00	50.42 2.28 0.00	43.06 1.97 0.76	29.23 1.75 3.54	31.45 1.77 0.80
WATKINRD_115KV_LN8_ILLION 55919	28.40 -0.09 -2.21	30.64 -0.08 -4.75	23.53 -0.03 -4.23	24.29 -0.04 -4.29	27.54 -0.07 -4.52	34.43 -0.18 -4.26	32.69 -0.28 -0.74	38.03 -0.28 -1.48	36.12 -0.31 -2.22	33.26 -0.41 -0.30	46.94 -0.59 0.00	59.23 -0.71 0.00	51.04 -0.65 0.00	38.33 -0.48 0.00	31.39 -0.38 0.00	34.26 -0.43 0.00	36.40 -0.46 0.00	41.00 -0.08 0.00	42.54 0.02 0.00	44.45 0.00 0.00	48.17 0.03 0.00	41.80 -0.05 0.00	31.12 0.10 0.00	30.52 0.04 0.00

WDELAWARE___HYD 323627	28.04 1.76 0.00	27.66 1.69 0.00	20.58 1.25 0.00	21.30 1.25 0.00	24.55 1.46 0.00	32.08 1.72 0.00	34.07 1.85 0.00	39.08 2.25 0.00	36.46 2.25 0.00	35.44 2.07 0.00	50.52 2.98 0.00	63.75 3.80 0.00	54.77 3.08 0.00	41.15 2.34 0.00	33.72 1.95 0.00	36.77 2.09 0.00	39.20 2.35 0.00	43.74 2.65 0.00	45.31 2.79 0.00	47.24 2.79 0.00	50.97 2.83 0.00	44.16 2.31 0.00	32.87 1.85 0.00	32.31 1.84 0.00
WEST BABYLON___IC 23714	39.50 2.32 -10.91	37.84 2.20 -9.67	24.04 1.65 -3.05	21.66 1.61 0.00	26.69 1.89 -1.72	35.42 2.17 -2.89	41.82 2.21 -7.38	46.70 2.65 -7.22	43.42 2.67 -6.55	46.12 2.37 -10.39	42.17 3.58 8.95	61.47 4.29 2.78	53.33 3.44 1.80	46.43 2.85 -4.77	34.74 2.37 -0.60	54.04 2.40 -16.95	39.58 2.71 -0.01	44.19 2.90 -0.20	49.53 3.07 -3.94	91.35 3.09 -43.81	57.92 2.89 -6.88	38.53 2.37 5.68	50.08 2.29 -16.76	53.11 2.29 -20.34
WEST CANADA___HYD 24049	28.56 0.08 -2.21	30.80 0.08 -4.75	23.62 0.06 -4.23	24.39 0.06 -4.29	27.67 0.07 -4.52	34.63 0.02 -4.26	32.94 -0.03 -0.74	38.27 -0.03 -1.48	36.39 -0.03 -2.22	33.63 -0.04 -0.30	47.47 -0.06 0.00	59.89 -0.06 0.00	51.64 -0.05 0.00	38.77 -0.04 0.00	31.77 0.00 0.00	34.69 0.00 0.00	36.86 0.01 0.00	41.10 0.01 0.00	42.56 0.04 0.00	44.45 0.00 0.00	48.11 -0.04 0.00	41.81 -0.04 0.00	31.05 0.02 0.00	30.49 0.02 0.00
WESTERN_NY_WIND 24143	25.38 -0.90 0.00	24.79 -1.17 0.00	18.45 -0.88 0.00	19.18 -0.87 0.00	22.15 -0.91 0.02	29.31 -1.05 0.00	31.31 -0.92 0.00	35.60 -1.23 0.00	33.12 -1.09 0.00	32.04 -1.33 0.00	45.27 -2.27 0.00	56.68 -3.27 0.00	49.34 -2.36 0.00	37.02 -1.78 0.00	29.99 -1.78 0.00	32.82 -1.87 0.00	34.79 -2.06 0.00	38.97 -2.11 0.00	40.89 -1.63 0.00	42.92 -1.53 0.00	46.84 -1.30 0.00	40.52 -1.33 0.00	30.01 -1.01 0.00	29.88 -0.60 0.00
WESTOVER___LESR 323668	26.38 0.10 0.00	26.03 0.06 0.00	19.39 0.06 0.00	20.12 0.07 0.00	23.20 0.12 0.00	30.45 0.09 0.00	32.32 0.10 0.00	37.01 0.18 0.00	34.43 0.22 0.00	33.53 0.16 0.00	47.64 0.10 0.00	59.93 -0.02 0.00	51.73 0.03 0.00	38.80 -0.01 0.00	31.72 -0.05 0.00	34.68 -0.01 0.00	36.78 -0.07 0.00	40.97 -0.12 0.00	42.58 0.06 0.00	44.51 0.07 0.00	48.26 0.11 0.00	41.92 0.07 0.00	31.14 0.12 0.00	30.67 0.20 0.00
WETHRSFD_WT_PWR 323626	24.85 -1.43 0.00	24.31 -1.67 0.00	18.07 -1.26 0.00	18.91 -1.14 0.00	21.71 -1.23 0.14	29.11 -1.24 0.00	31.12 -1.10 0.00	35.39 -1.44 0.00	32.78 -1.43 0.00	31.72 -1.64 0.00	44.87 -2.67 0.00	56.42 -3.53 0.00	49.08 -2.61 0.00	36.80 -2.01 0.00	29.86 -1.91 0.00	32.76 -1.93 0.00	34.49 -2.36 0.00	38.54 -2.54 0.00	40.49 -2.03 0.00	42.42 -2.03 0.00	46.37 -1.78 0.00	40.25 -1.60 0.00	29.85 -1.17 0.00	29.57 -0.91 0.00
WHAVSTOR_138KV_BK127 55557	27.85 1.57 0.00	27.45 1.48 0.00	20.41 1.08 0.00	21.12 1.07 0.00	24.32 1.24 0.00	31.75 1.39 0.00	33.68 1.46 0.00	38.63 1.80 0.00	36.11 1.90 0.00	35.07 1.71 0.00	50.07 2.53 0.00	63.10 3.15 0.00	54.25 2.56 0.00	40.75 1.94 0.00	33.46 1.69 0.00	36.49 1.80 0.00	38.90 2.05 0.00	43.24 2.15 0.00	44.70 2.18 0.00	46.52 2.07 0.00	50.16 2.01 0.00	43.51 1.66 0.00	32.51 1.49 0.00	32.00 1.53 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	27.85 1.57 0.00	27.45 1.48 0.00	20.41 1.08 0.00	21.12 1.07 0.00	24.32 1.24 0.00	31.75 1.39 0.00	33.68 1.46 0.00	38.63 1.80 0.00	36.11 1.90 0.00	35.07 1.71 0.00	50.07 2.53 0.00	63.10 3.15 0.00	54.25 2.56 0.00	40.75 1.94 0.00	33.46 1.69 0.00	36.49 1.80 0.00	38.90 2.05 0.00	43.24 2.15 0.00	44.70 2.18 0.00	46.52 2.07 0.00	50.16 2.01 0.00	43.51 1.66 0.00	32.51 1.49 0.00	32.00 1.53 0.00
WHITEHAL_115KV_TB1 80871	28.47 2.19 0.00	28.22 2.25 0.00	20.95 1.62 0.00	21.75 1.71 0.00	24.96 1.88 0.00	32.32 1.96 0.00	33.86 1.63 0.00	38.34 1.51 0.00	34.80 0.59 0.00	33.94 0.58 0.00	48.44 0.90 0.00	61.00 1.05 0.00	53.17 1.48 0.00	40.81 2.00 0.00	34.00 2.23 0.00	36.73 2.04 0.00	38.25 1.39 0.00	42.99 1.90 0.00	44.09 1.57 0.00	46.34 1.90 0.00	50.05 1.90 0.00	43.77 1.92 0.00	32.67 1.64 0.00	32.00 1.52 0.00
WHITEPLN_13_KV_LOAD 356215	28.15 1.87 0.00	27.73 1.76 0.00	20.62 1.29 0.00	21.33 1.28 0.00	24.58 1.49 0.00	32.08 1.72 0.00	34.05 1.82 0.00	39.13 2.30 0.00	36.60 2.39 0.00	35.57 2.21 0.00	50.79 3.25 0.00	64.01 4.06 0.00	55.00 3.30 0.00	41.31 2.50 0.00	33.91 2.13 0.00	37.00 2.31 0.00	39.46 2.61 0.00	43.87 2.78 0.00	45.35 2.83 0.00	47.16 2.71 0.00	50.81 2.67 0.00	44.09 2.24 0.00	32.92 1.90 0.00	32.39 1.91 0.00
WM_FLOYD_69_KV_BK2 356380	33.46 2.19 -4.99	32.42 2.03 -4.42	22.27 1.53 -1.41	21.54 1.50 0.00	25.63 1.75 -0.81	33.66 1.94 -1.37	37.42 1.97 -3.22	42.35 2.34 -3.17	38.63 2.45 -1.97	40.37 2.27 -4.74	29.88 3.52 21.18	57.55 4.11 6.51	47.72 3.25 7.22	43.73 2.81 -2.11	34.30 2.32 -0.21	45.44 2.32 -8.43	39.53 2.67 -0.01	44.31 3.03 -0.19	49.22 3.33 -3.37	86.61 3.18 -38.98	56.45 2.72 -5.59	35.80 2.29 8.34	36.12 2.23 -2.87	49.83 2.21 -17.15
WOODARD___115KV_TB2 355635	25.92 -0.36 0.00	25.57 -0.40 0.00	19.05 -0.28 0.00	19.76 -0.29 0.00	22.76 -0.32 0.00	29.92 -0.44 0.00	31.77 -0.46 0.00	36.28 -0.55 0.00	33.71 -0.50 0.00	32.85 -0.52 0.00	46.76 -0.77 0.00	58.87 -1.08 0.00	50.85 -0.84 0.00	38.14 -0.67 0.00	31.19 -0.58 0.00	34.04 -0.65 0.00	36.25 -0.61 0.00	40.43 -0.66 0.00	41.96 -0.56 0.00	43.85 -0.60 0.00	47.48 -0.67 0.00	41.20 -0.65 0.00	30.54 -0.49 0.00	30.03 -0.45 0.00
WOODMERE_69_KV_BK1 55827	120.31 2.17 -91.86	109.96 2.12 -81.87	45.69 1.61 -24.75	21.68 1.57 -0.06	37.59 1.85 -12.65	53.23 2.12 -20.75	99.32 2.14 -64.95	102.61 2.62 -63.16	106.54 2.58 -69.75	124.29 2.37 -88.55	210.58 3.58 -159.47	113.23 4.45 -48.83	124.42 3.48 -69.25	83.05 2.80 -41.44	40.30 2.43 -6.10	166.97 2.51 -129.77	39.53 2.65 -0.02	44.46 2.85 -0.51	53.45 2.97 -7.95	120.51 2.85 -73.21	71.35 2.82 -20.39	71.46 2.34 -27.27	235.91 2.05 -202.83	82.04 2.06 -49.51
YORK___WARBASSE 23770	28.27 1.99 0.00	27.94 1.97 0.00	20.79 1.46 0.00	21.48 1.44 0.00	24.75 1.67 0.00	32.25 1.89 0.00	40.92 1.92 -6.77	45.92 2.30 -6.78	45.18 2.40 -8.57	47.09 2.21 -11.51	52.29 3.25 -1.50	63.96 4.01 0.00	54.85 3.15 0.00	45.79 2.52 -4.47	45.88 2.22 -11.89	44.55 2.30 -7.57	102.60 2.52 -63.22	69.88 2.58 -26.21	59.50 2.60 -14.38	46.88 2.43 0.00	50.52 2.38 0.00	47.56 2.06 -3.65	49.79 1.79 -16.98	36.12 1.82 -3.82