

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

03/27/2025

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	35.18	35.04	34.43	33.29	37.72	43.30	44.17	40.11	34.21	32.32	33.11	29.85	30.71	28.20	23.65	16.94	27.19	31.37	39.94	46.69	42.53	41.95	36.13	38.18
24138	1.45	1.21	1.09	1.11	1.43	1.78	2.21	2.24	1.70	1.84	1.83	1.53	1.50	1.61	1.52	1.19	2.00	2.29	2.75	3.10	2.78	2.69	2.07	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.24	35.14	34.53	33.38	37.83	43.40	44.26	40.16	34.24	32.27	33.07	29.82	30.67	28.15	23.60	16.90	27.12	31.30	39.86	46.65	42.50	41.93	36.11	38.20
24260	1.51	1.31	1.19	1.21	1.54	1.89	2.29	2.29	1.72	1.80	1.79	1.50	1.46	1.56	1.46	1.15	1.93	2.22	2.67	3.06	2.75	2.67	2.05	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.24	35.14	34.53	33.38	37.83	43.40	44.26	40.16	34.24	32.27	33.07	29.82	30.67	28.15	23.60	16.90	27.12	31.30	39.86	46.65	42.50	41.93	36.11	38.20
24261	1.51	1.31	1.19	1.21	1.54	1.89	2.29	2.29	1.72	1.80	1.79	1.50	1.46	1.56	1.46	1.15	1.93	2.22	2.67	3.06	2.75	2.67	2.05	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	34.90	34.91	34.29	33.17	37.58	43.09	43.81	39.50	33.59	31.71	32.42	29.30	30.24	27.55	22.95	16.43	26.48	30.80	39.65	46.65	42.59	42.04	36.23	38.49
24011	1.17	1.09	0.94	0.99	1.28	1.58	1.84	1.63	1.08	1.24	1.13	0.99	1.03	0.96	0.82	0.68	1.30	1.73	2.46	3.06	2.85	2.78	2.17	2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	35.06	35.07	34.41	33.28	37.74	43.31	44.07	39.71	33.74	31.81	32.54	29.41	30.37	27.67	23.06	16.50	26.61	30.95	39.87	46.99	42.92	42.31	36.36	38.65
23798	1.33	1.25	1.07	1.10	1.45	1.79	2.11	1.84	1.23	1.34	1.26	1.09	1.16	1.08	0.92	0.75	1.42	1.87	2.68	3.39	3.17	3.05	2.31	2.42
	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 S GLENS___FALLS	34.90	34.91	34.29	33.17	37.58	43.09	43.81	39.50	33.59	31.71	32.42	29.30	30.24	27.55	22.95	16.43	26.48	30.80	39.65	46.65	42.59	42.04	36.23	38.49
24028	1.17	1.09	0.94	0.99	1.28	1.58	1.84	1.63	1.08	1.24	1.13	0.99	1.03	0.96	0.82	0.68	1.30	1.73	2.46	3.06	2.85	2.78	2.17	2.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	34.78	34.78	34.14	33.07	37.44	42.83	43.33	39.03	33.35	31.22	31.97	28.95	29.94	27.32	22.82	16.42	26.42	30.45	38.77	45.53	41.64	41.27	35.60	37.88
23527	1.05	0.96	0.79	0.90	1.15	1.31	1.37	1.16	0.83	0.75	0.69	0.64	0.73	0.73	0.69	0.67	1.23	1.37	1.58	1.94	1.90	2.00	1.55	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	33.87	33.89	33.35	32.25	36.30	41.50	41.97	37.94	32.48	30.46	31.15	28.26	29.14	26.68	22.25	15.96	25.60	29.59	37.67	44.06	40.28	40.07	35.32	37.58
24190	0.14	0.07	0.01	0.08	0.00	-0.02	0.00	0.07	-0.03	-0.01	-0.14	-0.06	-0.07	0.09	0.11	0.21	0.41	0.52	0.48	0.48	0.54	0.80	1.27	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.01	34.16	33.69	32.48	36.67	41.94	42.26	38.13	33.00	30.94	31.81	28.71	29.50	26.64	22.07	15.65	24.99	28.75	37.05	43.51	39.51	39.00	33.99	36.32
355683	0.28	0.34	0.34	0.31	0.38	0.42	0.30	0.26	0.48	0.46	0.53	0.39	0.29	0.05	-0.07	-0.10	-0.20	-0.32	-0.14	-0.08	-0.23	-0.26	-0.07	0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.54	34.58	34.03	32.91	37.12	42.47	43.04	38.80	32.89	30.66	31.33	28.38	29.30	26.77	22.30	15.94	25.60	29.78	38.30	44.94	41.07	40.70	35.59	37.86
323833	0.81	0.75	0.69	0.74	0.83	0.96	1.07	0.93	0.38	0.19	0.05	0.06	0.08	0.17	0.17	0.20	0.41	0.71	1.11	1.34	1.33	1.44	1.53	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	34.53	34.57	34.03	32.91	37.11	42.46	43.02	38.79	32.88	30.66	31.33	28.38	29.29	26.77	22.30	15.94	25.59	29.78	38.29	44.92	41.05	40.70	35.57	37.84
323834	0.80	0.75	0.69	0.73	0.82	0.95	1.06	0.92	0.36	0.19	0.05	0.06	0.08	0.17	0.17	0.20	0.41	0.70	1.10	1.32	1.31	1.43	1.51	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	33.87	33.89	33.35	32.25	36.30	41.50	41.97	37.94	32.48	30.46	31.15	28.26	29.14	26.68	22.25	15.96	25.60	29.59	37.67	44.06	40.28	40.07	35.32	37.58
23571	0.14	0.07	0.01	0.08	0.00	-0.02	0.00	0.07	-0.03	-0.01	-0.14	-0.06	-0.07	0.09	0.11	0.21	0.41	0.52	0.48	0.48	0.54	0.80	1.27	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	33.87 0.14 0.00	33.89 0.07 0.00	33.35 0.01 0.00	32.25 0.08 0.00	36.30 0.00 0.00	41.50 -0.02 0.00	41.97 0.00 0.00	37.94 0.07 0.00	32.48 -0.03 0.00	30.46 -0.01 0.00	31.15 -0.14 0.00	28.26 -0.06 0.00	29.14 -0.07 0.00	26.68 0.09 0.00	22.25 0.11 0.00	15.96 0.21 0.00	25.60 0.41 0.00	29.59 0.52 0.00	37.67 0.48 0.00	44.06 0.48 0.00	40.28 0.54 0.00	40.07 0.80 0.00	35.32 1.27 0.00	37.58 1.34 0.00
ALBANY___3 23573	33.87 0.14 0.00	33.89 0.07 0.00	33.35 0.01 0.00	32.25 0.08 0.00	36.30 0.00 0.00	41.50 -0.02 0.00	41.97 0.00 0.00	37.94 0.07 0.00	32.48 -0.03 0.00	30.46 -0.01 0.00	31.15 -0.14 0.00	28.26 -0.06 0.00	29.14 -0.07 0.00	26.68 0.09 0.00	22.25 0.11 0.00	15.96 0.21 0.00	25.60 0.41 0.00	29.59 0.52 0.00	37.67 0.48 0.00	44.06 0.48 0.00	40.28 0.54 0.00	40.07 0.80 0.00	35.32 1.27 0.00	37.58 1.34 0.00
ALBANY___4 23574	33.87 0.14 0.00	33.89 0.07 0.00	33.35 0.01 0.00	32.25 0.08 0.00	36.30 0.00 0.00	41.50 -0.02 0.00	41.97 0.00 0.00	37.94 0.07 0.00	32.48 -0.03 0.00	30.46 -0.01 0.00	31.15 -0.14 0.00	28.26 -0.06 0.00	29.14 -0.07 0.00	26.68 0.09 0.00	22.25 0.11 0.00	15.96 0.21 0.00	25.60 0.41 0.00	29.59 0.52 0.00	37.67 0.48 0.00	44.06 0.48 0.00	40.28 0.54 0.00	40.07 0.80 0.00	35.32 1.27 0.00	37.58 1.34 0.00
ALBANY___LFGE 323615	34.22 0.49 0.00	34.23 0.40 0.00	33.67 0.33 0.00	32.57 0.40 0.00	36.69 0.40 0.00	41.97 0.45 0.00	42.48 0.52 0.00	38.41 0.54 0.00	32.85 0.33 0.00	30.79 0.31 0.00	31.48 0.19 0.00	28.54 0.23 0.00	29.44 0.23 0.00	26.92 0.33 0.00	22.43 0.30 0.00	16.09 0.34 0.00	25.84 0.65 0.00	29.90 0.83 0.00	38.09 0.91 0.00	44.59 0.99 0.00	40.76 1.02 0.00	40.48 1.21 0.00	35.54 1.48 0.00	37.78 1.54 0.00
ALCOA_PA_115KV_PL-6C 55860	34.19 0.46 0.00	34.34 0.52 0.00	33.87 0.53 0.00	32.65 0.48 0.00	36.88 0.58 0.00	42.17 0.66 0.00	42.52 0.56 0.00	38.35 0.48 0.00	33.15 0.64 0.00	31.02 0.54 0.00	31.86 0.58 0.00	28.73 0.41 0.00	29.52 0.31 0.00	26.62 0.03 0.00	22.00 -0.13 0.00	15.60 -0.15 0.00	24.91 -0.28 0.00	28.68 -0.39 0.00	37.05 -0.13 0.00	43.55 -0.04 0.00	39.72 -0.19 -0.17	39.20 -0.24 -0.18	34.49 -0.06 -0.48	36.35 0.12 0.00
ALCOA_RYNLDS___DRP 24188	34.19 0.46 0.00	34.34 0.52 0.00	33.87 0.53 0.00	32.65 0.48 0.00	36.88 0.58 0.00	42.17 0.66 0.00	42.52 0.56 0.00	38.35 0.48 0.00	33.15 0.64 0.00	31.02 0.54 0.00	31.86 0.58 0.00	28.73 0.41 0.00	29.52 0.31 0.00	26.62 0.03 0.00	22.00 -0.13 0.00	15.60 -0.15 0.00	24.91 -0.28 0.00	28.68 -0.39 0.00	37.05 -0.13 0.00	43.55 -0.04 0.00	39.72 -0.19 -0.17	39.20 -0.24 -0.18	34.49 -0.06 -0.48	36.35 0.12 0.00
ALCOA___DSASP 323711	34.19 0.46 0.00	34.34 0.51 0.00	33.87 0.53 0.00	32.65 0.47 0.00	36.88 0.58 0.00	42.17 0.66 0.00	42.52 0.56 0.00	38.35 0.48 0.00	33.16 0.64 0.00	31.02 0.55 0.00	31.87 0.58 0.00	28.73 0.41 0.00	29.52 0.31 0.00	26.62 0.03 0.00	22.01 -0.13 0.00	15.60 -0.15 0.00	24.91 -0.27 0.00	28.68 -0.39 0.00	37.05 -0.14 0.00	43.55 -0.04 0.00	39.72 -0.19 -0.17	39.20 -0.24 -0.18	34.49 -0.06 -0.48	36.35 0.12 0.00
ALLEGHENY___COGEN 23514	33.66 -0.07 0.00	34.11 0.29 0.00	33.85 0.51 0.00	32.65 0.47 0.00	37.02 0.73 0.00	42.51 1.00 0.00	42.70 0.74 0.00	37.18 -0.69 0.00	30.07 -2.45 0.00	26.65 -3.82 0.00	27.41 -3.87 0.00	24.73 -3.59 0.00	25.80 -3.41 0.00	25.16 -1.44 0.00	25.84 -1.02 -4.73	17.46 -0.75 -2.46	27.64 -1.31 -3.77	43.98 -1.30 -16.21	36.03 -1.16 0.00	43.42 -0.17 0.00	39.67 -0.07 0.00	57.18 -0.14 -18.05	33.77 -0.29 0.00	35.87 -0.37 0.00
ALTAMONT_115KV_TB 2 55880	34.28 0.55 0.00	34.31 0.49 0.00	33.76 0.42 0.00	32.64 0.46 0.00	36.84 0.55 0.00	42.14 0.63 0.00	42.71 0.75 0.00	38.61 0.74 0.00	32.98 0.47 0.00	30.89 0.42 0.00	31.60 0.32 0.00	28.63 0.31 0.00	29.55 0.33 0.00	26.99 0.40 0.00	22.51 0.38 0.00	16.08 0.33 0.00	25.79 0.60 0.00	29.83 0.75 0.00	38.13 0.95 0.00	44.68 1.09 0.00	40.81 1.07 0.00	40.40 1.14 0.00	35.15 1.09 0.00	37.37 1.13 0.00
ALTONA_WT_PWR 323606	34.06 0.34 0.00	34.05 0.22 0.00	33.45 0.10 0.00	32.23 0.06 0.00	36.37 0.08 0.00	41.48 -0.03 0.00	41.99 0.03 0.00	37.79 -0.08 0.00	32.90 0.38 0.00	30.81 0.34 0.00	31.72 0.44 0.00	28.33 0.01 0.00	29.15 -0.06 0.00	26.31 -0.28 0.00	21.76 -0.37 0.00	15.36 -0.38 0.00	24.51 -0.68 0.00	28.01 -1.06 0.00	36.09 -1.10 0.00	43.00 -0.59 0.00	33.79 -1.11 4.83	33.08 -1.23 4.96	19.80 -0.85 13.41	35.78 -0.46 0.00
AMERICAN_REF_FUEL 24010	31.35 -2.38 0.00	31.83 -1.99 0.00	31.62 -1.72 0.00	30.49 -1.69 0.00	34.58 -1.72 0.00	39.54 -1.97 0.00	38.83 -3.14 0.00	34.30 -3.57 0.00	29.74 -2.77 0.00	27.75 -2.72 0.00	29.10 -2.19 0.00	26.42 -1.90 0.00	27.17 -2.04 0.00	24.60 -1.99 0.00	19.31 -1.75 1.07	13.96 -1.23 0.56	22.16 -2.18 0.85	23.07 -2.35 3.66	34.30 -2.90 0.00	39.41 -4.18 0.00	35.97 -3.77 0.00	31.81 -3.38 4.08	31.68 -2.38 0.00	34.04 -2.20 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.81 -0.92 0.00	33.04 -0.78 0.00	32.87 -0.47 0.00	31.66 -0.52 0.00	36.18 -0.12 0.00	41.71 0.19 0.00	41.71 -0.25 0.00	37.22 -0.65 0.00	32.04 -0.47 0.00	29.88 -0.59 0.00	30.97 -0.31 0.00	27.90 -0.42 0.00	28.35 -0.86 0.00	25.67 -0.92 0.00	20.86 -0.80 0.48	14.74 -0.76 0.25	23.05 -1.76 0.38	25.52 -1.93 1.63	34.93 -2.26 0.00	40.78 -2.81 0.00	36.95 -2.79 0.00	34.61 -2.85 1.81	31.53 -2.53 0.00	33.74 -2.50 0.00
ARTHUR KILL_GT_1 23520	57.25 1.64 -21.89	56.21 1.37 -21.02	55.84 1.23 -21.26	55.46 1.25 -22.04	56.21 1.59 -18.33	57.80 1.99 -14.30	56.31 2.37 -11.97	56.96 2.34 -16.75	57.44 1.67 -23.26	59.24 1.65 -27.12	64.72 1.60 -31.83	55.12 1.34 -25.47	57.52 1.37 -26.94	59.55 1.40 -31.56	54.50 1.29 -31.08	56.36 1.00 -39.61	54.78 1.68 -27.91	59.25 1.90 -28.28	59.39 2.42 -19.78	95.56 2.86 -49.11	99.22 2.67 -56.81	98.70 2.65 -56.79	60.53 2.09 -24.39	55.25 2.07 -16.95
ARTHUR_KILL_2 23512	57.16 1.54 -21.89	56.12 1.28 -21.02	55.75 1.14 -21.26	55.38 1.16 -22.04	56.12 1.49 -18.33	57.68 1.87 -14.30	56.18 2.24 -11.97	56.85 2.22 -16.75	57.35 1.58 -23.26	59.17 1.58 -27.12	64.65 1.54 -31.83	55.07 1.28 -25.47	57.47 1.31 -26.94	59.50 1.35 -31.56	54.46 1.25 -31.08	56.33 0.97 -39.61	54.73 1.63 -27.91	59.19 1.84 -28.28	59.28 2.31 -19.78	95.43 2.73 -49.11	99.10 2.55 -56.81	98.58 2.53 -56.79	60.43 1.99 -24.39	55.15 1.97 -16.95
ARTHUR_KILL_3 23513	57.08 1.09 -22.27	55.73 0.88 -21.03	55.38 0.77 -21.27	55.03 0.80 -22.05	55.73 1.09 -18.34	57.17 1.35 -14.31	56.08 1.73 -12.39	56.49 1.78 -16.82	57.06 1.29 -23.25	58.92 1.41 -27.04	63.43 1.36 -30.78	56.80 1.11 -27.38	58.04 1.04 -27.79	56.49 1.22 -28.68	55.64 1.18 -32.32	57.97 0.95 -41.27	70.23 1.61 -43.43	73.04 1.84 -42.13	74.68 2.19 -35.30	97.42 2.47 -51.36	98.78 2.23 -56.81	56.05 2.15 -14.63	38.09 1.62 -2.41	54.69 1.50 -16.95

ARTHUR_KILL_COGEN 323718	57.25 1.64 -21.89	56.21 1.37 -21.02	55.84 1.23 -21.26	55.46 1.25 -22.04	56.21 1.59 -18.33	57.80 1.99 -14.30	56.31 2.37 -11.97	56.96 2.34 -16.75	57.44 1.67 -23.26	59.24 1.65 -27.12	64.72 1.60 -31.83	55.12 1.34 -25.47	57.52 1.37 -26.94	59.55 1.40 -31.56	54.50 1.29 -31.08	56.36 1.00 -39.61	54.78 1.68 -27.91	59.25 1.90 -28.28	59.39 2.42 -19.78	95.56 2.86 -49.11	99.22 2.67 -56.81	98.70 2.65 -56.79	60.53 2.09 -24.39	55.25 2.07 -16.95
ASHOKAN____ 23654	35.33 1.60 0.00	35.34 1.51 0.00	34.76 1.42 0.00	33.62 1.44 0.00	38.01 1.72 0.00	43.61 2.09 0.00	44.35 2.39 0.00	40.19 2.32 0.00	34.20 1.69 0.00	31.83 1.36 0.00	32.36 1.08 0.00	29.16 0.84 0.00	29.99 0.79 0.00	27.45 0.86 0.00	22.87 0.73 0.00	16.34 0.60 0.00	26.27 1.08 0.00	30.54 1.47 0.00	39.31 2.12 0.00	46.28 2.69 0.00	42.31 2.57 0.00	41.83 2.56 0.00	36.31 2.25 0.00	38.48 2.24 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.92 1.18 -0.01	34.87 1.04 -0.01	34.27 0.92 -0.01	33.13 0.95 -0.01	37.51 1.22 0.00	43.04 1.52 -0.01	43.89 1.92 0.00	39.84 1.96 -0.01	33.95 1.43 0.00	31.98 1.52 0.01	32.78 1.50 0.00	29.58 1.26 0.00	30.43 1.21 -0.01	27.94 1.36 0.01	23.43 1.31 0.01	16.77 1.03 0.01	26.92 1.74 0.01	31.04 1.97 0.00	39.50 2.32 0.01	46.19 2.59 0.00	42.09 2.34 -0.01	41.55 2.28 -0.01	35.85 1.79 0.00	37.89 1.65 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.92 1.18 -0.01	34.87 1.04 -0.01	34.27 0.92 -0.01	33.13 0.95 -0.01	37.51 1.22 0.00	43.04 1.52 -0.01	43.89 1.92 0.00	39.84 1.96 -0.01	33.95 1.43 0.00	31.98 1.52 0.01	32.78 1.49 0.00	29.58 1.26 0.00	30.43 1.21 -0.01	27.94 1.36 0.01	23.43 1.31 0.01	16.77 1.03 0.01	26.92 1.74 0.01	31.04 1.97 0.00	39.50 2.32 0.01	46.19 2.59 0.00	42.09 2.34 -0.01	41.55 2.28 -0.01	35.85 1.79 0.00	37.89 1.65 0.00
ASTORIA_GT2_1 24094	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT2_2 24095	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT2_3 24096	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT2_4 24097	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT3_1 24098	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT3_2 24099	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT3_3 24100	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT3_4 24101	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT4_1 24102	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT4_2 24103	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT4_3 24104	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00

ASTORIA_GT4_4 24105	34.93 1.20 -0.01	34.89 1.06 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.55 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.97 1.45 0.00	32.00 1.54 0.01	32.81 1.53 0.00	29.59 1.27 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.32 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.06 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.12 2.37 -0.01	41.58 2.30 -0.01	35.86 1.80 -0.01	37.91 1.68 0.00
ASTORIA_GT_1 23523	34.99 1.25 -0.01	34.94 1.11 -0.01	34.33 0.98 -0.01	33.19 1.01 -0.01	37.59 1.29 0.00	43.13 1.61 -0.01	43.99 2.02 0.00	39.93 2.05 -0.01	34.02 1.50 0.00	32.06 1.59 0.01	32.85 1.57 0.00	29.64 1.32 0.00	30.49 1.27 -0.01	28.00 1.42 0.01	23.48 1.35 0.01	16.81 1.07 0.01	26.98 1.80 0.01	31.10 2.03 0.00	39.59 2.41 0.01	46.29 2.70 0.00	42.18 2.43 -0.01	41.65 2.37 -0.01	35.92 1.86 0.00	37.97 1.73 0.00
ASTORIA_GT_10 24110	35.14 1.40 -0.01	35.03 1.20 -0.01	34.42 1.07 -0.01	33.27 1.09 -0.01	37.69 1.39 0.00	43.26 1.74 -0.01	44.10 2.14 0.00	40.56 2.20 -0.49	36.51 1.63 -2.37	50.46 1.71 -18.28	58.49 1.67 -25.53	39.00 1.40 -9.29	34.87 1.37 -4.30	40.55 1.48 -12.48	62.22 1.40 -38.68	59.39 1.10 -42.54	57.34 1.85 -30.29	59.21 2.12 -28.01	60.96 2.55 -21.22	50.21 2.91 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.03 1.97 -0.01	38.10 1.86 0.00
ASTORIA_GT_11 24225	35.14 1.40 -0.01	35.03 1.20 -0.01	34.42 1.07 -0.01	33.27 1.09 -0.01	37.69 1.39 0.00	43.26 1.74 -0.01	44.10 2.14 0.00	40.56 2.20 -0.49	36.51 1.63 -2.37	50.46 1.71 -18.28	58.49 1.67 -25.53	39.00 1.40 -9.29	34.87 1.37 -4.30	40.55 1.48 -12.48	62.22 1.40 -38.68	59.39 1.10 -42.54	57.34 1.85 -30.29	59.21 2.12 -28.01	60.96 2.55 -21.22	50.21 2.91 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.03 1.97 -0.01	38.10 1.86 0.00
ASTORIA_GT_12 24226	35.14 1.40 -0.01	35.03 1.20 -0.01	34.42 1.07 -0.01	33.27 1.09 -0.01	37.69 1.39 0.00	43.26 1.74 -0.01	44.10 2.14 0.00	40.56 2.20 -0.49	36.51 1.63 -2.37	50.46 1.71 -18.28	58.49 1.67 -25.53	39.00 1.40 -9.29	34.87 1.37 -4.30	40.55 1.48 -12.48	62.22 1.40 -38.68	59.39 1.10 -42.54	57.34 1.85 -30.29	59.21 2.12 -28.01	60.96 2.55 -21.22	50.21 2.91 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.03 1.97 -0.01	38.10 1.86 0.00
ASTORIA_GT_13 24227	35.14 1.40 -0.01	35.03 1.20 -0.01	34.42 1.07 -0.01	33.27 1.09 -0.01	37.69 1.39 0.00	43.26 1.74 -0.01	44.10 2.14 0.00	40.56 2.20 -0.49	36.51 1.63 -2.37	50.46 1.71 -18.28	58.49 1.67 -25.53	39.00 1.40 -9.29	34.87 1.37 -4.30	40.55 1.48 -12.48	62.22 1.40 -38.68	59.39 1.10 -42.54	57.34 1.85 -30.29	59.21 2.12 -28.01	60.96 2.55 -21.22	50.21 2.91 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.03 1.97 -0.01	38.10 1.86 0.00
ASTORIA_GT_5 24106	34.98 1.25 -0.01	34.94 1.11 -0.01	34.33 0.98 -0.01	33.19 1.01 -0.01	37.59 1.29 0.00	43.13 1.61 -0.01	43.99 2.02 0.00	39.93 2.06 -0.01	34.03 1.51 0.00	32.06 1.59 0.01	32.86 1.58 0.00	29.64 1.32 0.00	30.49 1.27 -0.01	28.00 1.42 0.01	23.48 1.35 0.01	16.81 1.07 0.01	26.98 1.80 0.01	31.11 2.04 0.00	39.60 2.41 0.01	46.29 2.70 0.00	42.19 2.44 -0.01	41.65 2.38 -0.01	35.92 1.86 -0.01	37.97 1.74 0.00
ASTORIA_GT_7 24107	34.98 1.25 -0.01	34.94 1.11 -0.01	34.33 0.98 -0.01	33.19 1.01 -0.01	37.59 1.29 0.00	43.13 1.61 -0.01	43.99 2.02 0.00	39.93 2.06 -0.01	34.03 1.51 0.00	32.06 1.59 0.01	32.86 1.58 0.00	29.64 1.32 0.00	30.49 1.27 -0.01	28.00 1.42 0.01	23.48 1.35 0.01	16.81 1.07 0.01	26.98 1.80 0.01	31.11 2.04 0.00	39.60 2.41 0.01	46.29 2.70 0.00	42.19 2.44 -0.01	41.65 2.38 -0.01	35.92 1.86 -0.01	37.97 1.74 0.00
ASTORIA_GT_8 24108	34.98 1.25 -0.01	34.94 1.11 -0.01	34.33 0.98 -0.01	33.19 1.01 -0.01	37.59 1.29 0.00	43.13 1.61 -0.01	43.99 2.02 0.00	39.93 2.06 -0.01	34.03 1.51 0.00	32.06 1.59 0.01	32.86 1.58 0.00	29.64 1.32 0.00	30.49 1.27 -0.01	28.00 1.42 0.01	23.48 1.35 0.01	16.81 1.07 0.01	26.98 1.80 0.01	31.11 2.04 0.00	39.60 2.41 0.01	46.29 2.70 0.00	42.19 2.44 -0.01	41.65 2.38 -0.01	35.92 1.86 -0.01	37.97 1.74 0.00
ASTORIA___2 24149	34.93 1.20 -0.01	34.89 1.05 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.23 0.00	43.07 1.54 -0.01	43.91 1.94 0.00	39.86 1.98 -0.01	33.96 1.45 0.00	32.00 1.54 0.01	32.79 1.51 0.00	29.58 1.26 0.00	30.43 1.21 -0.01	27.95 1.37 0.01	23.44 1.31 0.01	16.78 1.04 0.01	26.93 1.75 0.01	31.05 1.98 0.00	39.53 2.35 0.01	46.21 2.62 0.00	42.11 2.36 -0.01	41.58 2.30 -0.01	35.86 1.80 0.00	37.91 1.67 0.00
ASTORIA___3 23516	35.14 1.41 -0.01	35.03 1.20 -0.01	34.42 1.07 -0.01	33.27 1.09 -0.01	37.69 1.39 0.00	43.26 1.74 -0.01	44.10 2.14 0.00	40.55 2.19 -0.49	36.51 1.63 -2.37	50.46 1.71 -18.28	58.48 1.67 -25.53	39.00 1.39 -9.29	34.87 1.37 -4.30	40.55 1.47 -12.48	62.21 1.40 -38.68	59.39 1.10 -42.54	57.34 1.86 -30.29	59.21 2.12 -28.01	60.95 2.54 -21.22	50.21 2.91 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.03 1.97 -0.01	38.10 1.86 0.00
ASTORIA___4 23517	35.14 1.40 -0.01	35.03 1.20 -0.01	34.42 1.07 -0.01	33.27 1.09 -0.01	37.69 1.39 0.00	43.26 1.74 -0.01	44.10 2.14 0.00	40.56 2.20 -0.49	36.51 1.63 -2.37	50.46 1.71 -18.28	58.49 1.67 -25.53	39.00 1.39 -9.29	34.87 1.37 -4.30	40.55 1.48 -12.48	62.22 1.40 -38.68	59.39 1.10 -42.54	57.34 1.85 -30.29	59.21 2.12 -28.01	60.96 2.55 -21.22	50.21 2.91 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.03 1.97 -0.01	38.10 1.86 0.00
ASTORIA___5 23518	35.14 1.41 -0.01	35.03 1.20 -0.01	34.41 1.07 -0.01	33.27 1.09 -0.01	37.69 1.39 0.00	43.26 1.74 -0.01	44.10 2.14 0.00	40.55 2.19 -0.49	36.51 1.63 -2.37	50.46 1.71 -18.28	58.48 1.67 -25.53	39.00 1.39 -9.29	34.87 1.37 -4.30	40.55 1.47 -12.48	62.21 1.40 -38.68	59.39 1.10 -42.54	57.34 1.86 -30.29	59.20 2.12 -28.01	60.95 2.54 -21.22	50.20 2.90 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.03 1.97 -0.01	38.10 1.86 0.00
AST_ENERGY_2_CC3 323677	34.96 1.23 0.00	34.84 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.86 1.89 0.00	39.82 1.94 0.00	33.94 1.42 0.00	32.00 1.53 0.00	32.80 1.51 0.00	29.57 1.25 0.00	30.42 1.20 0.00	27.93 1.33 0.00	23.41 1.27 0.00	16.76 1.01 0.00	26.91 1.72 0.00	31.04 1.96 0.00	39.52 2.33 0.00	46.25 2.66 0.00	42.15 2.41 0.00	41.59 2.32 0.00	35.83 1.77 0.00	37.89 1.65 0.00
AST_ENERGY_2_CC4 323678	34.96 1.23 0.00	34.84 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.86 1.89 0.00	39.82 1.94 0.00	33.94 1.42 0.00	32.00 1.53 0.00	32.80 1.51 0.00	29.57 1.25 0.00	30.42 1.20 0.00	27.93 1.33 0.00	23.41 1.27 0.00	16.76 1.01 0.00	26.91 1.72 0.00	31.04 1.96 0.00	39.52 2.33 0.00	46.25 2.66 0.00	42.15 2.41 0.00	41.59 2.32 0.00	35.83 1.77 0.00	37.89 1.65 0.00

ATHENS_STG_1 23668	34.34 0.61 0.00	34.32 0.50 0.00	33.77 0.43 0.00	32.65 0.48 0.00	36.91 0.62 0.00	42.25 0.73 0.00	42.85 0.89 0.00	38.78 0.91 0.00	33.14 0.62 0.00	31.16 0.69 0.00	31.90 0.62 0.00	28.88 0.56 0.00	29.81 0.60 0.00	27.25 0.66 0.00	22.77 0.63 0.00	16.25 0.50 0.00	26.06 0.87 0.00	30.08 1.01 0.00	38.33 1.14 0.00	44.86 1.27 0.00	40.97 1.23 0.00	40.49 1.22 0.00	35.04 0.98 0.00	37.19 0.95 0.00
ATHENS_STG_2 23670	34.34 0.61 0.00	34.32 0.50 0.00	33.77 0.43 0.00	32.65 0.48 0.00	36.91 0.62 0.00	42.25 0.73 0.00	42.85 0.89 0.00	38.78 0.91 0.00	33.14 0.62 0.00	31.16 0.69 0.00	31.90 0.62 0.00	28.88 0.56 0.00	29.81 0.60 0.00	27.25 0.66 0.00	22.77 0.63 0.00	16.25 0.50 0.00	26.06 0.87 0.00	30.08 1.01 0.00	38.33 1.14 0.00	44.86 1.27 0.00	40.97 1.23 0.00	40.49 1.22 0.00	35.04 0.98 0.00	37.19 0.95 0.00
ATHENS_STG_3 23677	34.34 0.61 0.00	34.32 0.50 0.00	33.77 0.43 0.00	32.65 0.48 0.00	36.91 0.62 0.00	42.25 0.73 0.00	42.85 0.89 0.00	38.78 0.91 0.00	33.14 0.62 0.00	31.16 0.69 0.00	31.90 0.62 0.00	28.88 0.56 0.00	29.81 0.60 0.00	27.25 0.66 0.00	22.77 0.63 0.00	16.25 0.50 0.00	26.06 0.87 0.00	30.08 1.01 0.00	38.33 1.14 0.00	44.86 1.27 0.00	40.97 1.23 0.00	40.49 1.22 0.00	35.04 0.98 0.00	37.19 0.95 0.00
AUBURN___LFGE 323710	33.85 0.12 0.00	33.99 0.17 0.00	33.59 0.25 0.00	32.27 0.09 0.00	36.50 0.20 0.00	41.78 0.27 0.00	42.08 0.12 0.00	37.91 0.03 0.00	32.41 -0.11 0.00	30.29 -0.18 0.00	30.96 -0.32 0.00	28.03 -0.29 0.00	28.89 -0.32 0.00	26.31 -0.28 0.00	21.90 -0.23 0.00	15.57 -0.18 0.00	24.90 -0.28 0.00	28.86 -0.22 0.00	37.10 -0.09 0.00	43.48 -0.11 0.00	39.67 -0.08 0.00	39.19 -0.07 0.00	34.01 -0.05 0.00	36.11 -0.13 0.00
BABYLON_RES_REC 323704	39.55 1.58 -4.25	35.52 1.35 -0.35	34.42 1.08 0.00	33.24 1.06 0.00	37.59 1.30 0.00	43.25 1.74 0.00	44.17 2.20 0.00	39.90 2.03 0.00	33.96 1.45 0.00	31.83 1.36 0.00	32.57 1.29 0.00	29.37 1.06 0.00	30.17 0.96 0.00	27.60 1.01 0.00	23.29 1.16 0.00	16.71 0.96 0.00	26.96 1.77 0.00	31.04 1.97 0.00	39.67 2.47 0.00	46.88 3.29 0.00	42.87 3.13 0.00	42.22 2.95 0.00	36.14 2.08 0.00	38.07 1.84 0.00
BABYLON__69_KV_BK2 356345	39.42 1.86 -3.83	35.76 1.63 -0.31	34.68 1.34 0.00	33.47 1.30 0.00	37.87 1.57 0.00	43.61 2.09 0.00	44.56 2.59 0.00	40.23 2.35 0.00	34.23 1.72 0.00	32.05 1.58 0.00	32.79 1.51 0.00	29.57 1.26 0.00	30.36 1.15 0.00	27.75 1.16 0.00	23.46 1.32 0.00	16.83 1.08 0.00	27.18 1.99 0.00	31.29 2.21 0.00	40.00 2.81 0.00	47.35 3.76 0.00	43.31 3.57 0.00	42.64 3.37 0.00	36.45 2.40 0.00	38.36 2.13 0.00
BALL_HILL_WT_PWR 323825	32.62 -1.11 0.00	32.91 -0.92 0.00	32.71 -0.63 0.00	31.51 -0.67 0.00	35.85 -0.45 0.00	41.17 -0.34 0.00	41.11 -0.85 0.00	36.71 -1.16 0.00	31.61 -0.90 0.00	29.51 -0.97 0.00	30.60 -0.68 0.00	27.65 -0.67 0.00	28.25 -0.96 0.00	25.60 -0.99 0.00	20.60 -0.84 0.69	14.67 -0.72 0.36	23.12 -1.52 0.55	25.09 -1.62 2.36	35.23 -1.96 0.00	40.98 -2.61 0.00	37.14 -2.61 0.00	34.18 -2.46 2.62	31.97 -2.08 0.00	34.17 -2.07 0.00
BARON_WINDS___WT_PWR 323822	31.95 -1.78 0.00	32.45 -1.37 0.00	32.28 -1.07 0.00	31.12 -1.06 0.00	35.27 -1.03 0.00	40.44 -1.07 0.00	40.61 -1.35 0.00	36.34 -1.53 0.00	30.99 -1.53 0.00	28.72 -1.75 0.00	29.45 -1.84 0.00	26.49 -1.83 0.00	27.28 -1.93 0.00	24.79 -1.80 0.00	9.62 -1.58 10.94	8.90 -1.15 5.70	14.50 -1.98 8.71	-10.59 -2.20 37.46	34.80 -2.39 0.00	41.51 -2.08 0.00	37.63 -2.12 0.00	-4.87 -2.42 41.72	31.75 -2.31 0.00	33.75 -2.48 0.00
BARRETT_IC_1 23704	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_10 23701	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_11 23702	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_12 23703	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_2 23705	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_3 23706	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_4 23707	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00

BARRETT_IC_5 23708	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_6 23709	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_7 23710	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.72 1.85 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.36 1.23 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.84 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.71 0.00	41.83 2.56 0.00	35.91 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_8 23711	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT_IC_9 23700	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT___1 23545	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BARRETT___2 23546	82.16 1.40 -47.03	38.99 1.30 -3.87	34.40 1.06 0.00	33.23 1.06 0.00	37.62 1.33 0.00	43.15 1.63 0.00	43.94 1.98 0.00	39.71 1.84 0.00	33.88 1.37 0.00	31.84 1.37 0.00	32.66 1.38 0.00	29.49 1.17 0.00	30.31 1.10 0.00	27.75 1.16 0.00	23.35 1.22 0.00	16.71 0.96 0.00	26.87 1.68 0.00	30.92 1.85 0.00	39.45 2.26 0.00	46.49 2.90 0.00	42.45 2.70 0.00	41.83 2.56 0.00	35.90 1.85 0.00	37.98 1.74 0.00
BATAVIA___115KV_TB1 55881	33.01 -0.72 0.00	33.44 -0.38 0.00	33.17 -0.18 0.00	32.00 -0.18 0.00	36.26 -0.04 0.00	41.58 0.06 0.00	41.30 -0.66 0.00	36.78 -1.09 0.00	31.51 -1.00 0.00	29.11 -1.36 0.00	30.18 -1.10 0.00	27.33 -0.99 0.00	28.08 -1.13 0.00	25.44 -1.15 0.00	20.24 -1.05 0.84	14.64 -0.67 0.44	23.21 -1.30 0.67	25.07 -1.11 2.89	36.12 -1.07 0.00	41.89 -1.70 0.00	38.29 -1.45 0.00	34.81 -1.23 3.22	33.27 -0.79 0.00	35.58 -0.66 0.00
BAYONEEC___CTG1 323682	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00
BAYONEEC___CTG10 323750	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00
BAYONEEC___CTG2 323683	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00
BAYONEEC___CTG3 323684	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00
BAYONEEC___CTG4 323685	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00
BAYONEEC___CTG5 323686	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00
BAYONEEC___CTG6 323687	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00

BAYONEEC___CTG7 323688	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00
BAYONEEC___CTG8 323689	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00
BAYONEEC___CTG9 323749	34.96 1.23 0.00	34.83 1.01 0.00	34.23 0.89 0.00	33.09 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.88 0.00	39.80 1.93 0.00	33.92 1.41 0.00	31.99 1.52 0.00	32.78 1.50 0.00	29.54 1.23 0.00	30.38 1.17 0.00	27.91 1.32 0.00	23.39 1.26 0.00	16.75 1.01 0.00	26.89 1.71 0.00	31.02 1.95 0.00	39.52 2.33 0.00	46.24 2.65 0.00	42.14 2.40 0.00	41.58 2.31 0.00	35.82 1.76 0.00	37.88 1.65 0.00
BEACON___LESR 323632	34.42 0.69 0.00	34.40 0.58 0.00	33.84 0.49 0.00	32.73 0.56 0.00	36.90 0.61 0.00	42.28 0.76 0.00	42.93 0.97 0.00	38.74 0.87 0.00	33.08 0.56 0.00	30.94 0.47 0.00	31.57 0.29 0.00	28.61 0.29 0.00	29.55 0.33 0.00	26.98 0.39 0.00	22.51 0.38 0.00	16.13 0.39 0.00	25.97 0.78 0.00	30.13 1.05 0.00	38.47 1.28 0.00	45.00 1.41 0.00	41.02 1.28 0.00	40.80 1.54 0.00	35.71 1.65 0.00	37.88 1.64 0.00
BEAVER RIVER___HYD 24048	33.98 0.25 0.00	34.38 0.55 0.00	33.86 0.52 0.00	32.47 0.29 0.00	36.60 0.30 0.00	41.85 0.34 0.00	42.78 0.81 0.00	38.48 0.61 0.00	32.80 0.29 0.00	30.11 -0.36 0.00	30.48 -0.80 0.00	27.31 -1.01 0.00	27.91 -1.30 0.00	25.24 -1.35 0.00	20.82 -1.31 0.00	14.68 -1.07 0.00	23.49 -1.69 0.00	27.47 -1.61 0.00	36.42 -0.77 0.00	43.44 -0.15 0.00	39.99 -0.05 -0.30	38.94 -0.63 -0.31	34.17 -0.73 -0.84	35.70 -0.54 0.00
BEEBEE_GT_13 23619	32.93 -0.80 0.00	33.24 -0.59 0.00	32.91 -0.43 0.00	31.72 -0.46 0.00	35.83 -0.46 0.00	41.01 -0.50 0.00	40.98 -0.98 0.00	36.66 -1.21 0.00	31.49 -1.02 0.00	29.31 -1.16 0.00	30.41 -0.88 0.00	27.59 -0.73 0.00	28.44 -0.76 0.00	25.86 -0.73 0.00	21.51 -0.63 0.00	15.30 -0.44 0.00	24.36 -0.83 0.00	28.28 -0.80 0.00	36.28 -0.91 0.00	42.09 -1.51 0.00	38.42 -1.32 0.00	38.13 -1.13 0.00	33.19 -0.87 0.00	35.41 -0.82 0.00
BENSHRST_27_KV_BENSHRST_1 355998	57.44 1.82 -21.89	56.41 1.57 -21.02	56.04 1.43 -21.26	55.66 1.44 -22.04	56.42 1.80 -18.33	58.05 2.24 -14.30	56.59 2.65 -11.97	57.27 2.65 -16.75	58.99 2.00 -24.48	76.47 2.00 -43.99	88.09 1.98 -54.82	65.34 1.69 -35.33	61.62 1.69 -30.73	68.08 1.73 -39.76	93.15 1.59 -69.44	98.77 1.23 -81.80	98.85 2.06 -71.61	99.51 2.35 -68.08	94.88 2.89 -54.79	99.52 3.38 -52.55	99.63 3.08 -56.81	99.07 3.01 -56.79	60.81 2.37 -24.39	55.48 2.29 -16.95
BETHLEHEM___GRP 23843	33.87 0.14 0.00	33.89 0.07 0.00	33.35 0.01 0.00	32.25 0.08 0.00	36.30 0.00 0.00	41.50 -0.02 0.00	41.97 0.00 0.00	37.94 0.07 0.00	32.48 -0.03 0.00	30.46 -0.01 0.00	31.15 -0.14 0.00	28.26 -0.06 0.00	29.14 -0.07 0.00	26.68 0.09 0.00	22.25 0.11 0.00	15.96 0.21 0.00	25.60 0.41 0.00	29.59 0.52 0.00	37.67 0.48 0.00	44.06 0.48 0.00	40.28 0.54 0.00	40.07 0.80 0.00	35.32 1.27 0.00	37.58 1.34 0.00
BETHLEHEM___GS1 323560	33.88 0.15 0.00	33.89 0.07 0.00	33.35 0.01 0.00	32.25 0.08 0.00	36.30 0.00 0.00	41.50 -0.02 0.00	41.97 0.01 0.00	37.95 0.08 0.00	32.47 -0.04 0.00	30.46 -0.01 0.00	31.15 -0.14 0.00	28.26 -0.06 0.00	29.14 -0.07 0.00	26.68 0.09 0.00	22.24 0.11 0.00	15.96 0.21 0.00	25.60 0.42 0.00	29.59 0.52 0.00	37.66 0.47 0.00	44.05 0.47 0.00	40.28 0.54 0.00	40.07 0.80 0.00	35.32 1.26 0.00	37.58 1.34 0.00
BETHLEHEM___GS2 323561	33.88 0.15 0.00	33.89 0.07 0.00	33.35 0.01 0.00	32.25 0.08 0.00	36.30 0.00 0.00	41.50 -0.02 0.00	41.97 0.01 0.00	37.95 0.08 0.00	32.47 -0.04 0.00	30.46 -0.01 0.00	31.15 -0.14 0.00	28.26 -0.06 0.00	29.14 -0.07 0.00	26.68 0.09 0.00	22.24 0.11 0.00	15.96 0.21 0.00	25.60 0.42 0.00	29.59 0.52 0.00	37.66 0.47 0.00	44.05 0.47 0.00	40.28 0.54 0.00	40.07 0.80 0.00	35.32 1.26 0.00	37.58 1.34 0.00
BETHLEHEM___GS3 323562	33.88 0.15 0.00	33.89 0.07 0.00	33.35 0.01 0.00	32.25 0.08 0.00	36.30 0.00 0.00	41.50 -0.02 0.00	41.97 0.01 0.00	37.95 0.08 0.00	32.47 -0.04 0.00	30.46 -0.01 0.00	31.15 -0.14 0.00	28.26 -0.06 0.00	29.14 -0.07 0.00	26.68 0.09 0.00	22.24 0.11 0.00	15.96 0.21 0.00	25.60 0.42 0.00	29.59 0.52 0.00	37.66 0.47 0.00	44.05 0.47 0.00	40.28 0.54 0.00	40.07 0.80 0.00	35.32 1.26 0.00	37.58 1.34 0.00
BETHLEHEM___STEEL 23779	32.36 -1.37 0.00	32.81 -1.01 0.00	32.59 -0.76 0.00	31.39 -0.78 0.00	35.54 -0.76 0.00	40.70 -0.81 0.00	40.27 -1.69 0.00	35.82 -2.05 0.00	30.97 -1.54 0.00	28.87 -1.61 0.00	30.15 -1.14 0.00	27.33 -0.99 0.00	28.08 -1.13 0.00	25.44 -1.15 0.00	20.23 -1.05 0.86	14.55 -0.75 0.45	23.12 -1.39 0.68	24.68 -1.47 2.93	35.41 -1.78 0.00	40.84 -2.75 0.00	37.20 -2.54 0.00	33.79 -2.21 3.26	32.44 -1.62 0.00	34.74 -1.50 0.00
BETHLHEM_115KV_TB1 79974	33.95 0.22 0.00	33.96 0.14 0.00	33.42 0.08 0.00	32.32 0.14 0.00	36.40 0.10 0.00	41.62 0.10 0.00	42.48 0.51 0.00	38.57 0.70 0.00	32.93 0.42 0.00	30.88 0.41 0.00	31.61 0.32 0.00	28.63 0.31 0.00	29.55 0.33 0.00	27.00 0.41 0.00	22.52 0.38 0.00	16.07 0.33 0.00	25.64 0.46 0.00	29.65 0.57 0.00	37.75 0.57 0.00	44.18 0.59 0.00	40.38 0.64 0.00	40.12 0.85 0.00	35.27 1.22 0.00	37.51 1.27 0.00
BETHPAGE_CC_5 323564	41.02 1.57 -5.72	35.63 1.33 -0.47	34.40 1.06 0.00	33.23 1.06 0.00	37.61 1.31 0.00	43.22 1.71 0.00	44.13 2.16 0.00	39.89 2.02 0.00	33.99 1.47 0.00	31.90 1.43 0.00	32.67 1.38 0.00	29.48 1.16 0.00	30.28 1.07 0.00	27.71 1.12 0.00	23.36 1.23 0.00	16.75 1.00 0.00	27.00 1.82 0.00	31.09 2.01 0.00	39.67 2.47 0.00	46.83 3.24 0.00	42.79 3.05 0.00	42.14 2.88 0.00	36.11 2.05 0.00	38.07 1.82 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.43 -1.30 0.00	32.88 -0.94 0.00	32.65 -0.69 0.00	31.45 -0.72 0.00	35.61 -0.69 0.00	40.78 -0.74 0.00	40.39 -1.58 0.00	35.93 -1.95 0.00	31.09 -1.43 0.00	28.96 -1.51 0.00	30.24 -1.05 0.00	27.41 -0.91 0.00	28.14 -1.07 0.00	25.49 -1.10 0.00	20.34 -1.01 0.79	14.62 -0.72 0.41	23.21 -1.35 0.63	24.96 -1.41 2.70	35.51 -1.68 0.00	40.97 -2.62 0.00	37.28 -2.46 0.00	34.12 -2.14 3.01	32.50 -1.56 0.00	34.78 -1.46 0.00

BINGHAMTON___COGEN 23790	33.51 -0.21 0.00	33.67 -0.15 0.00	33.24 -0.10 0.00	32.05 -0.12 0.00	36.19 -0.10 0.00	41.44 -0.08 0.00	41.90 -0.06 0.00	37.79 -0.08 0.00	32.33 -0.18 0.00	30.23 -0.24 0.00	31.03 -0.25 0.00	28.10 -0.21 0.00	28.96 -0.25 0.00	26.39 -0.20 0.00	21.99 -0.15 0.00	15.61 -0.13 0.00	24.98 -0.21 0.00	28.94 -0.14 0.00	37.03 -0.16 0.00	43.43 -0.17 0.00	39.56 -0.18 0.00	39.10 -0.16 0.00	33.77 -0.29 0.00	35.83 -0.40 0.00
BIXINCNT_115KV_LOAD 355685	32.66 -1.06 0.00	33.21 -0.62 0.00	32.96 -0.38 0.00	31.73 -0.45 0.00	35.94 -0.35 0.00	41.03 -0.48 0.00	40.72 -1.24 0.00	36.37 -1.51 0.00	31.55 -0.96 0.00	29.43 -1.04 0.00	30.54 -0.74 0.00	27.63 -0.69 0.00	28.21 -1.00 0.00	25.48 -1.11 0.00	20.68 -1.07 0.38	14.71 -0.84 0.20	23.21 -1.68 0.30	25.84 -1.93 1.30	35.48 -1.71 0.00	41.30 -2.29 0.00	36.81 -2.94 0.00	35.20 -2.62 1.45	32.02 -2.04 0.00	34.05 -2.19 0.00
BLACK RIVER___HYD 24047	34.30 0.58 0.00	34.74 0.91 0.00	34.23 0.89 0.00	32.78 0.61 0.00	36.93 0.63 0.00	42.25 0.73 0.00	43.30 1.34 0.00	38.87 0.99 0.00	32.94 0.43 0.00	30.01 -0.46 0.00	30.27 -1.02 0.00	27.06 -1.26 0.00	27.64 -1.57 0.00	25.02 -1.57 0.00	20.64 -1.50 0.00	14.55 -1.20 0.00	23.29 -1.91 0.00	27.27 -1.80 0.00	36.61 -0.58 0.00	43.72 0.13 0.00	40.26 0.30 -0.21	39.15 -0.33 -0.22	34.13 -0.52 -0.59	35.86 -0.38 0.00
BLACKRVR_115KV_TB2 79977	34.31 0.58 0.00	34.74 0.91 0.00	34.23 0.89 0.00	32.78 0.61 0.00	36.92 0.63 0.00	42.25 0.74 0.00	43.30 1.34 0.00	38.87 1.00 0.00	32.94 0.43 0.00	30.01 -0.46 0.00	30.27 -1.02 0.00	27.06 -1.26 0.00	27.65 -1.56 0.00	25.02 -1.57 0.00	20.64 -1.50 0.00	14.55 -1.20 0.00	23.29 -1.91 0.00	27.28 -1.80 0.00	36.60 -0.59 0.00	43.72 0.13 0.00	40.25 0.30 -0.21	39.15 -0.33 -0.22	34.13 -0.52 -0.59	35.86 -0.38 0.00
BLISS_WT_PWR 323608	32.59 -1.13 0.00	33.17 -0.65 0.00	32.93 -0.42 0.00	31.66 -0.52 0.00	35.90 -0.39 0.00	40.97 -0.54 0.00	40.64 -1.33 0.00	36.30 -1.57 0.00	31.54 -0.98 0.00	29.43 -1.05 0.00	30.50 -0.78 0.00	27.59 -0.73 0.00	28.12 -1.09 0.00	25.38 -1.21 0.00	20.61 -1.14 0.38	14.63 -0.92 0.20	23.02 -1.86 0.30	25.63 -2.14 1.30	35.42 -1.77 0.00	41.28 -2.30 0.00	36.54 -3.21 0.00	34.95 -2.86 1.45	31.79 -2.27 0.00	33.75 -2.49 0.00
BLUESTONE___WT_PWR 323821	34.56 0.83 0.00	34.57 0.74 0.00	33.87 0.52 0.00	32.02 -0.15 0.00	36.20 -0.09 0.00	42.17 0.65 0.00	42.78 0.82 0.00	38.70 0.83 0.00	33.14 0.62 0.00	30.89 0.42 0.00	31.46 0.17 0.00	28.57 0.25 0.00	29.24 0.03 0.00	26.49 -0.10 0.00	22.11 -0.02 0.00	15.54 -0.21 0.00	25.08 -0.10 0.00	29.53 0.46 0.00	37.99 0.80 0.00	45.30 1.71 0.00	41.46 1.71 0.00	40.61 1.34 0.00	34.25 0.19 0.00	35.57 -0.67 0.00
BLUE_CIRC_CHEM_DRP 24182	34.31 0.58 0.00	34.34 0.52 0.00	33.81 0.47 0.00	32.69 0.52 0.00	36.87 0.57 0.00	42.16 0.64 0.00	42.71 0.74 0.00	38.55 0.67 0.00	32.82 0.31 0.00	30.71 0.24 0.00	31.42 0.14 0.00	28.47 0.15 0.00	29.40 0.19 0.00	26.86 0.27 0.00	22.39 0.26 0.00	16.00 0.25 0.00	25.67 0.48 0.00	29.76 0.69 0.00	38.09 0.90 0.00	44.63 1.04 0.00	40.76 1.02 0.00	40.42 1.15 0.00	35.31 1.25 0.00	37.57 1.33 0.00
BOC_GAS_DRP 24189	34.10 0.38 0.00	34.12 0.30 0.00	33.58 0.24 0.00	32.47 0.29 0.00	36.64 0.34 0.00	41.90 0.38 0.00	42.46 0.49 0.00	38.40 0.52 0.00	32.84 0.33 0.00	30.82 0.35 0.00	31.56 0.27 0.00	28.59 0.28 0.00	29.52 0.30 0.00	26.97 0.38 0.00	22.50 0.37 0.00	16.07 0.32 0.00	25.76 0.57 0.00	29.75 0.68 0.00	37.92 0.73 0.00	44.38 0.79 0.00	40.55 0.81 0.00	40.15 0.89 0.00	34.97 0.91 0.00	37.19 0.95 0.00
BOONVILLE_115KV_TB1 79983	34.37 0.65 0.00	34.61 0.78 0.00	34.09 0.74 0.00	32.79 0.62 0.00	36.98 0.68 0.00	42.36 0.85 0.00	43.13 1.17 0.00	38.99 1.12 0.00	33.31 0.80 0.00	30.78 0.31 0.00	31.32 0.04 0.00	28.22 -0.10 0.00	28.97 -0.24 0.00	26.27 -0.32 0.00	21.78 -0.35 0.00	15.46 -0.28 0.00	24.79 -0.39 0.00	28.90 -0.17 0.00	37.58 0.39 0.00	44.43 0.83 0.00	40.68 0.82 -0.12	39.86 0.47 -0.12	34.66 0.27 -0.33	36.59 0.35 0.00
BORALEX_4TH_BRANCH 23824	34.78 1.05 0.00	34.78 0.96 0.00	34.14 0.79 0.00	33.07 0.89 0.00	37.44 1.15 0.00	42.83 1.31 0.00	43.33 1.37 0.00	39.03 1.16 0.00	33.35 0.84 0.00	31.22 0.75 0.00	31.97 0.69 0.00	28.95 0.64 0.00	29.94 0.73 0.00	27.32 0.73 0.00	22.82 0.69 0.00	16.42 0.67 0.00	26.42 1.23 0.00	30.45 1.38 0.00	38.78 1.59 0.00	45.53 1.94 0.00	41.64 1.90 0.00	41.27 2.01 0.00	35.60 1.55 0.00	37.89 1.65 0.00
BOWLINE___1 23526	34.63 0.91 0.00	34.56 0.74 0.00	34.01 0.67 0.00	32.89 0.71 0.00	37.27 0.97 0.00	42.72 1.21 0.00	43.48 1.52 0.00	39.41 1.53 0.00	33.57 1.05 0.00	31.56 1.09 0.00	32.23 0.94 0.00	29.07 0.75 0.00	29.93 0.72 0.00	27.44 0.85 0.00	22.98 0.84 0.00	16.44 0.70 0.00	26.40 1.22 0.00	30.50 1.42 0.00	38.92 1.73 0.00	45.60 2.01 0.00	41.61 1.87 0.00	41.04 1.77 0.00	35.39 1.33 0.00	37.47 1.23 0.00
BOWLINE___2 23595	34.63 0.91 0.00	34.56 0.74 0.00	34.01 0.67 0.00	32.89 0.72 0.00	37.27 0.97 0.00	42.72 1.21 0.00	43.46 1.49 0.00	39.40 1.53 0.00	33.55 1.03 0.00	31.56 1.09 0.00	32.23 0.94 0.00	29.07 0.75 0.00	29.92 0.71 0.00	27.44 0.85 0.00	22.97 0.84 0.00	16.44 0.69 0.00	26.40 1.22 0.00	30.50 1.42 0.00	38.92 1.73 0.00	45.60 2.01 0.00	41.61 1.87 0.00	41.04 1.77 0.00	35.39 1.33 0.00	37.47 1.23 0.00
BRADY___115KV_TB2 356060	34.42 0.70 0.00	34.59 0.77 0.00	34.11 0.77 0.00	32.88 0.71 0.00	37.15 0.85 0.00	42.52 1.01 0.00	42.95 0.99 0.00	38.72 0.85 0.00	33.32 0.80 0.00	30.97 0.50 0.00	31.75 0.47 0.00	28.59 0.28 0.00	29.35 0.14 0.00	26.45 -0.14 0.00	21.85 -0.28 0.00	15.49 -0.26 0.00	24.74 -0.45 0.00	28.50 -0.58 0.00	37.22 0.03 0.00	43.89 0.30 0.00	40.26 0.13 -0.38	39.71 0.05 -0.39	35.29 0.17 -1.06	36.60 0.37 0.00
BRANSCOMB___SOLAR 323811	34.74 1.02 0.00	34.76 0.94 0.00	34.16 0.82 0.00	33.04 0.87 0.00	37.40 1.10 0.00	42.84 1.32 0.00	43.47 1.50 0.00	39.20 1.33 0.00	33.35 0.83 0.00	31.35 0.87 0.00	31.94 0.66 0.00	28.90 0.58 0.00	29.83 0.62 0.00	27.21 0.62 0.00	22.68 0.55 0.00	16.24 0.49 0.00	26.15 0.97 0.00	30.39 1.31 0.00	39.04 1.85 0.00	45.87 2.28 0.00	41.89 2.15 0.00	41.40 2.14 0.00	35.77 1.71 0.00	38.03 1.79 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.76 1.70 -2.34	35.49 1.47 -0.19	34.50 1.16 0.00	33.30 1.12 0.00	37.68 1.39 0.00	43.37 1.86 0.00	44.27 2.31 0.00	39.95 2.08 0.00	34.02 1.50 0.00	31.88 1.41 0.00	32.62 1.33 0.00	29.45 1.13 0.00	30.23 1.02 0.00	27.62 1.03 0.00	23.37 1.24 0.00	16.76 1.01 0.00	27.07 1.88 0.00	31.12 2.05 0.00	39.75 2.56 0.00	47.06 3.47 0.00	43.05 3.30 0.00	42.40 3.14 0.00	36.24 2.18 0.00	38.16 1.92 0.00



BRISTLHL_115KV_TB1 79998	33.11 -0.62 0.00	33.25 -0.57 0.00	32.82 -0.52 0.00	31.65 -0.52 0.00	35.62 -0.67 0.00	40.74 -0.78 0.00	41.15 -0.81 0.00	37.08 -0.79 0.00	31.77 -0.75 0.00	29.69 -0.78 0.00	30.52 -0.77 0.00	27.68 -0.64 0.00	28.57 -0.64 0.00	26.03 -0.56 0.00	21.67 -0.47 0.00	15.40 -0.35 0.00	24.60 -0.58 0.00	28.48 -0.60 0.00	36.41 -0.77 0.00	42.62 -0.97 0.00	38.89 -0.86 0.00	38.43 -0.83 0.00	33.25 -0.80 0.00	35.35 -0.89 0.00
BROOKHAVEN___DRP 24191	-40.19 1.22 75.14	-49.24 0.99 84.06	-15.11 0.70 49.15	-25.69 0.69 58.56	10.79 0.89 26.40	37.07 1.41 5.85	43.84 1.88 0.00	33.43 1.60 6.05	33.62 1.11 0.00	31.54 1.06 0.00	17.50 0.93 14.72	29.15 0.83 0.00	29.91 0.70 0.00	27.34 0.74 0.00	23.26 1.13 0.00	16.71 0.96 0.00	26.99 1.80 0.00	30.76 1.69 0.00	39.08 1.89 0.00	46.54 2.95 0.00	42.65 2.91 0.00	42.13 2.86 0.00	35.86 1.80 0.00	37.66 1.42 0.00
BROOKLYN_NAVY_YARD 23515	34.89 1.16 0.00	34.73 0.91 0.00	34.13 0.79 0.00	32.99 0.82 0.00	37.40 1.11 0.00	42.91 1.39 0.00	43.74 1.78 0.00	39.77 1.90 0.00	33.89 1.37 0.00	31.96 1.50 0.00	32.76 1.47 0.00	29.53 1.21 0.00	30.38 1.17 0.00	27.88 1.29 0.00	23.36 1.23 0.00	16.73 0.99 0.00	26.86 1.68 0.00	30.99 1.91 0.00	39.47 2.28 0.00	46.19 2.60 0.00	42.11 2.37 0.00	41.56 2.30 0.00	35.81 1.75 0.00	37.85 1.61 0.00
BROOKLYN___ARMY_DRP 323595	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.80 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.04 1.47 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.35 2.19 -68.08	94.66 2.68 -54.79	99.27 3.13 -52.55	99.40 2.86 -56.81	98.84 2.79 -56.79	60.63 2.18 -24.39	55.29 2.11 -16.95
BROOKVLE_69_KV_TB1 55790	45.75 1.88 -10.14	36.23 1.58 -0.83	34.67 1.33 0.00	33.49 1.32 0.00	37.91 1.62 0.00	43.56 2.04 0.00	44.46 2.50 0.00	40.21 2.34 0.00	34.27 1.75 0.00	32.16 1.69 0.00	32.96 1.68 0.00	29.74 1.42 0.00	30.56 1.35 0.00	27.98 1.39 0.00	23.55 1.42 0.00	16.88 1.13 0.00	27.18 2.00 0.00	31.32 2.24 0.00	39.97 2.78 0.00	47.08 3.49 0.00	42.99 3.25 0.00	42.36 3.10 0.00	36.33 2.27 0.00	38.33 2.09 0.00
BROOME_2_LFGE 323671	33.51 -0.21 0.00	33.67 -0.15 0.00	33.24 -0.10 0.00	32.05 -0.13 0.00	36.19 -0.10 0.00	41.44 -0.08 0.00	41.91 -0.06 0.00	37.79 -0.08 0.00	32.34 -0.18 0.00	30.23 -0.24 0.00	31.03 -0.25 0.00	28.11 -0.21 0.00	28.96 -0.25 0.00	26.39 -0.20 0.00	21.99 -0.15 0.00	15.61 -0.13 0.00	24.98 -0.21 0.00	28.94 -0.14 0.00	37.04 -0.15 0.00	43.43 -0.16 0.00	39.57 -0.17 0.00	39.10 -0.16 0.00	33.77 -0.29 0.00	35.83 -0.40 0.00
BROOME___LFGE 323600	33.51 -0.21 0.00	33.67 -0.15 0.00	33.24 -0.10 0.00	32.05 -0.13 0.00	36.19 -0.10 0.00	41.44 -0.08 0.00	41.91 -0.06 0.00	37.79 -0.08 0.00	32.34 -0.18 0.00	30.23 -0.24 0.00	31.03 -0.25 0.00	28.11 -0.21 0.00	28.96 -0.25 0.00	26.39 -0.20 0.00	21.99 -0.15 0.00	15.61 -0.13 0.00	24.98 -0.21 0.00	28.94 -0.14 0.00	37.04 -0.15 0.00	43.43 -0.16 0.00	39.57 -0.17 0.00	39.10 -0.16 0.00	33.77 -0.29 0.00	35.83 -0.40 0.00
BROWNFLS_115KV_TB_3_5 80003	33.48 -0.25 0.00	33.77 -0.05 0.00	33.28 -0.06 0.00	31.97 -0.20 0.00	36.07 -0.22 0.00	41.27 -0.24 0.00	42.00 0.03 0.00	37.82 -0.05 0.00	32.41 -0.11 0.00	29.92 -0.55 0.00	30.45 -0.83 0.00	27.33 -0.99 0.00	27.97 -1.24 0.00	25.25 -1.34 0.00	20.83 -1.31 0.00	14.71 -1.04 0.00	23.52 -1.66 0.00	27.34 -1.74 0.00	35.97 -1.22 0.00	42.74 -0.85 0.00	39.50 -0.79 -0.54	38.71 -1.11 -0.55	34.55 -1.01 -1.50	35.39 -0.85 0.00
BROWNSV1_27_KV_LOAD 356125	35.32 1.59 0.00	35.19 1.36 0.00	34.57 1.23 0.00	33.42 1.25 0.00	37.87 1.57 0.00	43.44 1.93 0.00	44.34 2.38 0.00	40.26 2.38 0.00	34.31 1.79 0.00	32.35 1.88 0.00	33.14 1.85 0.00	29.87 1.55 0.00	30.72 1.51 0.00	28.20 1.61 0.00	23.64 1.51 0.00	16.93 1.18 0.00	27.17 1.98 0.00	31.35 2.27 0.00	39.95 2.76 0.00	46.75 3.16 0.00	42.61 2.87 0.00	42.04 2.78 0.00	36.21 2.15 0.00	38.28 2.04 0.00
BURROWS___LYONSDAL 23803	34.26 0.53 0.00	34.54 0.72 0.00	34.02 0.68 0.00	32.70 0.52 0.00	36.87 0.57 0.00	42.20 0.68 0.00	43.02 1.06 0.00	38.85 0.98 0.00	33.18 0.66 0.00	30.62 0.15 0.00	31.10 -0.18 0.00	27.97 -0.34 0.00	28.68 -0.53 0.00	26.00 -0.59 0.00	21.52 -0.61 0.00	15.24 -0.50 0.00	24.43 -0.75 0.00	28.51 -0.56 0.00	37.25 0.06 0.00	44.14 0.55 0.00	40.47 0.57 -0.15	39.55 0.13 -0.16	34.45 -0.04 -0.43	36.32 0.08 0.00
CAITHNESS_CC_1 323624	-40.18 1.24 75.15	-49.22 1.01 84.06	-15.10 0.71 49.15	-25.68 0.71 58.56	10.81 0.91 26.40	37.06 1.39 5.85	43.80 1.84 0.00	33.41 1.58 6.05	33.62 1.11 0.00	31.53 1.06 0.00	17.51 0.95 14.72	29.15 0.83 0.00	29.92 0.71 0.00	27.34 0.75 0.00	23.23 1.10 0.00	16.68 0.94 0.00	26.95 1.76 0.00	30.77 1.69 0.00	39.13 1.94 0.00	46.52 2.93 0.00	42.61 2.87 0.00	42.06 2.80 0.00	35.85 1.79 0.00	37.67 1.43 0.00
CALPINE BETH_PAGE_GT4 24209	42.60 1.50 -7.37	35.70 1.27 -0.61	34.35 1.00 0.00	33.18 1.01 0.00	37.55 1.25 0.00	43.16 1.65 0.00	44.05 2.09 0.00	39.83 1.96 0.00	33.96 1.45 0.00	31.88 1.41 0.00	32.65 1.37 0.00	29.46 1.14 0.00	30.27 1.06 0.00	27.71 1.12 0.00	23.35 1.22 0.00	16.74 0.99 0.00	26.97 1.79 0.00	31.06 1.98 0.00	39.61 2.42 0.00	46.75 3.16 0.00	42.71 2.97 0.00	42.06 2.80 0.00	36.05 1.99 0.00	38.01 1.78 0.00
CALPINE_BETH_PAGE_GT_4 323586	42.60 1.50 -7.37	35.70 1.27 -0.61	34.35 1.00 0.00	33.18 1.01 0.00	37.55 1.25 0.00	43.16 1.65 0.00	44.05 2.09 0.00	39.83 1.95 0.00	33.96 1.45 0.00	31.88 1.41 0.00	32.66 1.37 0.00	29.46 1.14 0.00	30.27 1.06 0.00	27.71 1.12 0.00	23.35 1.21 0.00	16.73 0.98 0.00	26.98 1.79 0.00	31.06 1.98 0.00	39.60 2.41 0.00	46.75 3.16 0.00	42.71 2.97 0.00	42.06 2.80 0.00	36.05 1.99 0.00	38.01 1.77 0.00
CALPINE_BP_GT1 23823	42.60 1.50 -7.37	35.70 1.27 -0.61	34.35 1.00 0.00	33.18 1.01 0.00	37.55 1.25 0.00	43.16 1.65 0.00	44.05 2.09 0.00	39.83 1.95 0.00	33.96 1.45 0.00	31.88 1.41 0.00	32.66 1.37 0.00	29.46 1.14 0.00	30.27 1.06 0.00	27.71 1.12 0.00	23.35 1.21 0.00	16.73 0.98 0.00	26.98 1.79 0.00	31.06 1.98 0.00	39.60 2.41 0.00	46.75 3.16 0.00	42.71 2.97 0.00	42.06 2.80 0.00	36.05 1.99 0.00	38.01 1.77 0.00
CALSPAN___DRP 24200	32.36 -1.37 0.00	32.81 -1.01 0.00	32.59 -0.76 0.00	31.39 -0.78 0.00	35.54 -0.76 0.00	40.70 -0.81 0.00	40.27 -1.69 0.00	35.82 -2.05 0.00	30.97 -1.54 0.00	28.87 -1.61 0.00	30.15 -1.14 0.00	27.33 -0.99 0.00	28.08 -1.13 0.00	25.44 -1.15 0.00	20.23 -1.05 0.86	14.55 -0.75 0.45	23.12 -1.39 0.68	24.68 -1.47 2.93	35.41 -1.78 0.00	40.84 -2.75 0.00	37.20 -2.54 0.00	33.79 -2.21 3.26	32.44 -1.62 0.00	34.74 -1.50 0.00

CALVERTON___SOLAR 323806	-38.94 1.21 73.88	-47.89 0.97 82.69	-14.33 0.68 48.35	-24.75 0.68 57.61	11.21 0.88 25.97	37.22 1.47 5.76	43.93 1.97 0.00	33.58 1.66 5.95	33.65 1.14 0.00	31.55 1.07 0.00	17.75 0.94 14.48	29.17 0.85 0.00	29.92 0.71 0.00	27.35 0.76 0.00	23.29 1.16 0.00	16.73 0.99 0.00	27.04 1.86 0.00	30.78 1.70 0.00	39.07 1.88 0.00	46.61 3.02 0.00	42.74 3.00 0.00	42.23 2.97 0.00	35.90 1.84 0.00	37.68 1.45 0.00
CANDIGU_WT_PWR 323617	31.95 -1.78 0.00	32.45 -1.37 0.00	32.28 -1.07 0.00	31.12 -1.06 0.00	35.27 -1.03 0.00	40.44 -1.07 0.00	40.61 -1.35 0.00	36.34 -1.53 0.00	30.99 -1.53 0.00	28.72 -1.75 0.00	29.45 -1.84 0.00	26.49 -1.83 0.00	27.28 -1.93 0.00	24.79 -1.80 0.00	9.62 -1.58 10.94	8.90 -1.15 5.70	14.50 -1.98 8.71	-10.59 -2.20 37.46	34.80 -2.39 0.00	41.51 -2.08 0.00	37.63 -2.12 0.00	-4.87 -2.42 41.72	31.75 -2.31 0.00	33.75 -2.48 0.00
CARR STREET_E_SYR 24060	33.41 -0.32 0.00	33.55 -0.27 0.00	33.12 -0.22 0.00	31.93 -0.24 0.00	35.97 -0.33 0.00	41.15 -0.37 0.00	41.56 -0.41 0.00	37.45 -0.42 0.00	32.09 -0.43 0.00	30.00 -0.47 0.00	30.86 -0.42 0.00	27.98 -0.34 0.00	28.90 -0.31 0.00	26.33 -0.27 0.00	21.92 -0.21 0.00	15.58 -0.17 0.00	24.89 -0.30 0.00	28.77 -0.31 0.00	36.80 -0.39 0.00	43.06 -0.53 0.00	39.28 -0.46 0.00	38.83 -0.43 0.00	33.61 -0.45 0.00	35.72 -0.52 0.00
CARTHAGE___PAPER 23857	34.37 0.64 0.00	34.79 0.97 0.00	34.28 0.93 0.00	32.83 0.66 0.00	37.01 0.72 0.00	42.36 0.85 0.00	43.36 1.40 0.00	38.96 1.08 0.00	33.09 0.57 0.00	30.22 -0.25 0.00	30.50 -0.78 0.00	27.30 -1.02 0.00	27.88 -1.33 0.00	25.22 -1.37 0.00	20.79 -1.35 0.00	14.66 -1.09 0.00	23.47 -1.72 0.00	27.51 -1.57 0.00	36.76 -0.43 0.00	43.90 0.31 0.00	40.39 0.40 -0.25	39.29 -0.23 -0.25	34.36 -0.38 -0.68	36.04 -0.20 0.00
CASSADAGA_WT_PWR 323784	33.10 -0.63 0.00	33.27 -0.55 0.00	33.09 -0.25 0.00	31.90 -0.27 0.00	36.48 0.18 0.00	42.07 0.56 0.00	42.14 0.17 0.00	37.65 -0.23 0.00	32.42 -0.09 0.00	30.23 -0.24 0.00	31.31 0.03 0.00	28.16 -0.16 0.00	28.55 -0.66 0.00	25.90 -0.69 0.00	21.06 -0.65 0.42	14.82 -0.71 0.22	23.14 -1.72 0.33	25.74 -1.90 1.42	35.06 -2.13 0.00	41.10 -2.49 0.00	37.33 -2.41 0.00	35.04 -2.64 1.58	31.60 -2.46 0.00	33.87 -2.36 0.00
CE_DUNWOOD___DRP 24194	34.89 1.16 0.00	34.80 0.98 0.00	34.21 0.87 0.00	33.07 0.90 0.00	37.46 1.17 0.00	42.96 1.45 0.00	43.76 1.80 0.00	39.69 1.82 0.00	33.82 1.31 0.00	31.83 1.36 0.00	32.57 1.29 0.00	29.38 1.06 0.00	30.24 1.04 0.00	27.72 1.13 0.00	23.23 1.10 0.00	16.63 0.88 0.00	26.70 1.52 0.00	30.83 1.75 0.00	39.30 2.11 0.00	46.03 2.44 0.00	41.98 2.24 0.00	41.42 2.16 0.00	35.69 1.64 0.00	37.78 1.54 0.00
CE_MILLWOOD___DRP 24193	34.78 1.05 0.00	34.71 0.88 0.00	34.12 0.78 0.00	32.99 0.82 0.00	37.37 1.08 0.00	42.85 1.34 0.00	43.63 1.67 0.00	39.55 1.68 0.00	33.70 1.19 0.00	31.71 1.24 0.00	32.41 1.13 0.00	29.25 0.93 0.00	30.11 0.90 0.00	27.60 1.01 0.00	23.12 0.99 0.00	16.55 0.80 0.00	26.57 1.39 0.00	30.68 1.61 0.00	39.14 1.95 0.00	45.85 2.26 0.00	41.81 2.07 0.00	41.26 1.99 0.00	35.56 1.50 0.00	37.65 1.41 0.00
CE_NYC2_DRP 24202	35.16 1.42 -0.01	35.03 1.20 -0.01	34.42 1.08 -0.01	33.28 1.10 -0.01	37.70 1.41 0.00	43.27 1.75 -0.01	44.12 2.15 0.00	40.56 2.20 -0.49	36.52 1.64 -2.37	50.46 1.71 -18.28	58.50 1.68 -25.53	39.02 1.42 -9.29	34.88 1.37 -4.30	40.56 1.49 -12.48	62.22 1.41 -38.68	59.39 1.10 -42.54	57.34 1.86 -30.29	59.21 2.12 -28.01	60.96 2.55 -21.22	50.22 2.92 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.03 1.97 -0.01	38.11 1.87 0.00
CE_NYC_DRP 24195	35.03 1.30 0.00	34.90 1.08 0.00	34.30 0.96 0.00	33.15 0.98 0.00	37.58 1.28 0.00	43.10 1.59 0.00	43.95 1.98 0.00	39.91 2.04 0.00	34.01 1.50 0.00	32.08 1.61 0.00	32.87 1.58 0.00	29.63 1.31 0.00	30.48 1.27 0.00	27.98 1.39 0.00	23.45 1.32 0.00	16.79 1.05 0.00	26.96 1.77 0.00	31.11 2.03 0.00	39.63 2.44 0.00	46.36 2.77 0.00	42.24 2.50 0.00	41.69 2.43 0.00	35.91 1.85 0.00	37.97 1.73 0.00
CHAFFEE___LFGE 323603	32.69 -1.04 0.00	33.10 -0.72 0.00	32.93 -0.41 0.00	31.74 -0.44 0.00	35.84 -0.46 0.00	40.81 -0.70 0.00	40.79 -1.17 0.00	36.66 -1.21 0.00	31.60 -0.91 0.00	29.46 -1.02 0.00	30.64 -0.64 0.00	27.77 -0.55 0.00	28.46 -0.75 0.00	25.80 -0.80 0.00	21.30 -0.84 0.00	15.12 -0.63 0.00	23.98 -1.21 0.00	27.73 -1.34 0.00	35.51 -1.68 0.00	41.33 -2.26 0.00	37.59 -2.15 0.00	37.36 -1.91 0.00	32.56 -1.49 0.00	34.73 -1.51 0.00
CHATEAUG_35_KV_LOAD 355732	33.92 0.19 0.00	33.94 0.11 0.00	33.37 0.03 0.00	32.16 -0.01 0.00	36.31 0.02 0.00	41.60 0.08 0.00	43.07 1.11 0.00	38.77 0.90 0.00	33.64 1.12 0.00	31.14 0.67 0.00	32.01 0.72 0.00	28.31 -0.01 0.00	29.10 -0.11 0.00	26.24 -0.35 0.00	21.69 -0.44 0.00	15.30 -0.44 0.00	24.40 -0.78 0.00	27.91 -1.17 0.00	35.94 -1.25 0.00	42.80 -0.79 0.00	33.17 -1.31 5.26	32.46 -1.40 5.40	18.45 -1.02 14.59	35.55 -0.69 0.00
CHATEAUG_WT_PWR 323614	33.87 0.14 0.00	33.88 0.05 0.00	33.31 -0.04 0.00	32.10 -0.07 0.00	36.26 -0.04 0.00	41.43 -0.09 0.00	41.91 -0.06 0.00	37.74 -0.13 0.00	32.81 0.30 0.00	30.76 0.29 0.00	31.66 0.38 0.00	28.28 -0.04 0.00	29.08 -0.13 0.00	26.24 -0.35 0.00	21.70 -0.43 0.00	15.32 -0.43 0.00	24.43 -0.76 0.00	27.95 -1.12 0.00	36.01 -1.18 0.00	42.85 -0.74 0.00	33.66 -1.25 4.83	32.97 -1.34 4.96	19.67 -0.98 13.41	35.58 -0.66 0.00
CHAT_HIGH_FALL_HYD 323578	33.92 0.19 0.00	33.94 0.11 0.00	33.37 0.03 0.00	32.16 -0.01 0.00	36.31 0.02 0.00	41.60 0.08 0.00	43.07 1.11 0.00	38.77 0.90 0.00	33.64 1.12 0.00	31.14 0.67 0.00	32.01 0.72 0.00	28.31 -0.01 0.00	29.10 -0.11 0.00	26.24 -0.35 0.00	21.69 -0.44 0.00	15.30 -0.44 0.00	24.40 -0.78 0.00	27.91 -1.17 0.00	35.94 -1.25 0.00	42.80 -0.79 0.00	33.17 -1.31 5.26	32.46 -1.40 5.40	18.45 -1.02 14.59	35.55 -0.69 0.00
CHAUTAUQUA___LFGE 323629	32.83 -0.90 0.00	33.10 -0.72 0.00	32.91 -0.44 0.00	31.69 -0.49 0.00	36.12 -0.17 0.00	41.54 0.03 0.00	41.55 -0.42 0.00	37.10 -0.77 0.00	31.94 -0.58 0.00	29.79 -0.68 0.00	30.86 -0.42 0.00	27.84 -0.47 0.00	28.39 -0.81 0.00	25.73 -0.86 0.00	20.79 -0.74 0.61	14.75 -0.68 0.32	23.20 -1.50 0.49	25.37 -1.61 2.10	35.29 -1.90 0.00	41.15 -2.44 0.00	37.29 -2.45 0.00	34.55 -2.38 2.33	31.98 -2.07 0.00	34.17 -2.07 0.00
CHERRYST_13_KV_LD 356241	35.12 1.39 0.00	34.99 1.17 0.00	34.39 1.05 0.00	33.25 1.07 0.00	37.68 1.39 0.00	43.23 1.72 0.00	44.09 2.13 0.00	40.03 2.16 0.00	34.13 1.61 0.00	32.19 1.72 0.00	32.98 1.70 0.00	29.73 1.42 0.00	30.58 1.37 0.00	28.08 1.49 0.00	23.54 1.41 0.00	16.85 1.10 0.00	27.05 1.86 0.00	31.20 2.13 0.00	39.75 2.56 0.00	46.51 2.92 0.00	42.37 2.63 0.00	41.80 2.53 0.00	36.00 1.94 0.00	38.06 1.82 0.00

CHESTROR_138KV_BK263 355645	34.56 0.83 0.00	34.53 0.70 0.00	33.97 0.63 0.00	32.84 0.66 0.00	37.19 0.90 0.00	42.63 1.12 0.00	43.34 1.38 0.00	39.25 1.38 0.00	33.45 0.93 0.00	31.41 0.93 0.00	32.06 0.77 0.00	28.93 0.61 0.00	29.80 0.59 0.00	27.29 0.70 0.00	22.83 0.69 0.00	16.33 0.58 0.00	26.20 1.01 0.00	30.30 1.22 0.00	38.69 1.51 0.00	45.36 1.77 0.00	41.39 1.65 0.00	40.85 1.58 0.00	35.24 1.18 0.00	37.34 1.11 0.00
CH_MIDHUDSON___DRP 24192	34.83 1.10 0.00	34.79 0.96 0.00	34.20 0.86 0.00	33.06 0.89 0.00	37.43 1.14 0.00	42.91 1.39 0.00	43.67 1.70 0.00	39.57 1.70 0.00	33.72 1.21 0.00	31.73 1.26 0.00	32.42 1.14 0.00	29.27 0.95 0.00	30.15 0.94 0.00	27.60 1.00 0.00	23.10 0.97 0.00	16.53 0.79 0.00	26.55 1.37 0.00	30.70 1.63 0.00	39.15 1.96 0.00	45.87 2.28 0.00	41.85 2.10 0.00	41.30 2.04 0.00	35.63 1.57 0.00	37.74 1.50 0.00
CH_MISC_IPPS 23765	35.17 1.44 0.00	35.12 1.30 0.00	34.53 1.19 0.00	33.39 1.21 0.00	37.82 1.53 0.00	43.38 1.87 0.00	44.17 2.21 0.00	40.04 2.17 0.00	34.09 1.57 0.00	31.94 1.47 0.00	32.57 1.29 0.00	29.38 1.06 0.00	30.25 1.04 0.00	27.69 1.10 0.00	23.17 1.04 0.00	16.58 0.84 0.00	26.66 1.47 0.00	30.84 1.77 0.00	39.38 2.18 0.00	46.15 2.56 0.00	42.11 2.37 0.00	41.55 2.28 0.00	35.82 1.76 0.00	37.94 1.70 0.00
CH_RES_BVR_FALLS 23983	33.58 -0.15 0.00	33.78 -0.04 0.00	33.34 0.00 0.00	32.12 -0.05 0.00	36.22 -0.08 0.00	41.33 -0.18 0.00	41.74 -0.22 0.00	37.62 -0.25 0.00	32.51 0.00 0.00	30.51 0.04 0.00	31.27 -0.01 0.00	28.20 -0.12 0.00	29.02 -0.19 0.00	26.32 -0.28 0.00	21.80 -0.33 0.00	15.39 -0.36 0.00	24.61 -0.58 0.00	28.45 -0.63 0.00	36.55 -0.65 0.00	43.09 -0.50 0.00	39.12 -0.63 0.00	38.41 -0.85 0.00	33.42 -0.64 0.00	35.75 -0.49 0.00
CH_RES_NIAGARA 23895	31.32 -2.41 0.00	31.81 -2.01 0.00	31.60 -1.74 0.00	30.43 -1.74 0.00	34.44 -1.86 0.00	39.34 -2.17 0.00	38.71 -3.26 0.00	34.46 -3.40 0.01	29.81 -2.70 0.00	27.78 -2.69 0.00	29.11 -2.18 0.00	26.46 -1.86 0.00	27.25 -1.96 0.00	24.69 -1.90 0.00	19.37 -1.67 1.10	14.01 -1.17 0.57	22.25 -2.06 0.87	23.08 -2.26 3.75	34.34 -2.85 0.00	39.41 -4.18 0.00	36.00 -3.74 0.00	31.76 -3.34 4.17	31.59 -2.46 0.00	33.94 -2.30 0.00
CH_RES_SYRACUSE 23985	33.57 -0.16 0.00	33.71 -0.11 0.00	33.27 -0.07 0.00	32.07 -0.11 0.00	36.14 -0.15 0.00	41.35 -0.16 0.00	41.75 -0.21 0.00	37.62 -0.25 0.00	32.22 -0.29 0.00	30.13 -0.34 0.00	30.94 -0.34 0.00	28.06 -0.26 0.00	28.96 -0.25 0.00	26.38 -0.21 0.00	21.97 -0.16 0.00	15.62 -0.13 0.00	24.96 -0.23 0.00	28.88 -0.20 0.00	36.98 -0.21 0.00	43.28 -0.31 0.00	39.47 -0.27 0.00	39.03 -0.24 0.00	33.77 -0.29 0.00	35.89 -0.35 0.00
CLINTON_WT_PWR 323605	33.87 0.14 0.00	33.88 0.05 0.00	33.31 -0.04 0.00	32.10 -0.07 0.00	36.26 -0.04 0.00	41.43 -0.09 0.00	41.91 -0.06 0.00	37.74 -0.13 0.00	32.81 0.30 0.00	30.76 0.29 0.00	31.66 0.38 0.00	28.28 -0.04 0.00	29.08 -0.13 0.00	26.24 -0.35 0.00	21.70 -0.43 0.00	15.32 -0.43 0.00	24.43 -0.76 0.00	27.95 -1.12 0.00	36.01 -1.18 0.00	42.85 -0.74 0.00	33.66 -1.25 4.83	32.97 -1.34 4.96	19.67 -0.98 13.41	35.58 -0.66 0.00
CLINTON___LFGE 323618	34.39 0.66 0.00	34.37 0.55 0.00	33.78 0.44 0.00	32.57 0.40 0.00	36.76 0.46 0.00	41.89 0.38 0.00	42.61 0.64 0.00	38.34 0.47 0.00	33.34 0.82 0.00	31.10 0.63 0.00	32.03 0.74 0.00	28.60 0.28 0.00	29.42 0.21 0.00	26.56 -0.03 0.00	21.95 -0.18 0.00	15.50 -0.25 0.00	24.73 -0.46 0.00	28.27 -0.80 0.00	36.56 -0.63 0.00	43.65 0.06 0.00	34.44 -0.47 4.83	33.61 -0.69 4.96	20.37 -0.28 13.41	36.35 0.11 0.00
COBBLENY_34_KV_TB1 80064	32.69 -1.04 0.00	33.10 -0.72 0.00	32.93 -0.41 0.00	31.76 -0.41 0.00	35.83 -0.46 0.00	40.82 -0.70 0.00	40.79 -1.17 0.00	36.67 -1.20 0.00	31.60 -0.91 0.00	29.45 -1.02 0.00	30.64 -0.64 0.00	27.77 -0.55 0.00	28.46 -0.75 0.00	25.79 -0.80 0.00	21.29 -0.84 0.00	15.12 -0.63 0.00	23.99 -1.20 0.00	27.73 -1.35 0.00	35.45 -1.74 0.00	41.29 -2.31 0.00	37.59 -2.15 0.00	37.34 -1.93 0.00	32.56 -1.50 0.00	34.73 -1.51 0.00
COFFEEN___115KV_TB3 355620	34.51 0.79 0.00	34.94 1.11 0.00	34.43 1.09 0.00	32.98 0.81 0.00	37.16 0.87 0.00	42.54 1.03 0.00	43.61 1.64 0.00	39.16 1.29 0.00	33.11 0.60 0.00	30.06 -0.42 0.00	30.28 -1.00 0.00	27.08 -1.24 0.00	27.68 -1.53 0.00	25.06 -1.53 0.00	20.68 -1.45 0.00	14.58 -1.16 0.00	23.34 -1.84 0.00	27.33 -1.75 0.00	36.85 -0.34 0.00	44.06 0.47 0.00	40.58 0.64 -0.20	39.48 0.01 -0.21	34.38 -0.25 -0.57	36.12 -0.12 0.00
COLDSPRG_115KV_BK1 355956	33.50 -0.23 0.00	33.80 -0.03 0.00	33.61 0.27 0.00	32.43 0.25 0.00	36.81 0.51 0.00	42.24 0.73 0.00	42.32 0.36 0.00	37.93 0.06 0.00	32.70 0.19 0.00	30.46 -0.01 0.00	31.60 0.32 0.00	28.50 0.18 0.00	29.04 -0.17 0.00	26.33 -0.27 0.00	21.76 -0.37 0.00	15.34 -0.40 0.00	24.18 -1.01 0.00	27.99 -1.08 0.00	35.98 -1.21 0.00	42.01 -1.57 0.00	38.19 -1.55 0.00	37.77 -1.49 0.00	32.82 -1.24 0.00	35.05 -1.18 0.00
COLONIE_LFGE___ 323577	34.47 0.74 0.00	34.47 0.65 0.00	33.88 0.54 0.00	32.79 0.61 0.00	37.05 0.76 0.00	42.38 0.86 0.00	42.93 0.97 0.00	38.75 0.88 0.00	33.10 0.58 0.00	31.05 0.58 0.00	31.74 0.45 0.00	28.74 0.42 0.00	29.68 0.47 0.00	27.09 0.50 0.00	22.58 0.45 0.00	16.20 0.45 0.00	26.03 0.85 0.00	30.11 1.04 0.00	38.45 1.26 0.00	45.09 1.50 0.00	41.22 1.47 0.00	40.79 1.53 0.00	35.36 1.30 0.00	37.61 1.37 0.00
COOPERNY_115KV_TB1 80082	34.29 0.56 0.00	34.29 0.47 0.00	33.77 0.43 0.00	32.62 0.45 0.00	36.92 0.62 0.00	42.29 0.78 0.00	42.92 0.96 0.00	38.84 0.97 0.00	33.15 0.64 0.00	31.11 0.64 0.00	31.81 0.52 0.00	28.74 0.42 0.00	29.62 0.41 0.00	27.09 0.50 0.00	22.63 0.49 0.00	16.16 0.41 0.00	25.90 0.71 0.00	29.94 0.87 0.00	38.25 1.06 0.00	44.82 1.23 0.00	40.89 1.15 0.00	40.37 1.10 0.00	34.86 0.80 0.00	36.98 0.74 0.00
COPENHAGEN_WT_PWR 323753	34.06 0.33 0.00	34.55 0.72 0.00	34.03 0.69 0.00	32.56 0.38 0.00	36.64 0.35 0.00	41.86 0.34 0.00	42.92 0.96 0.00	38.52 0.65 0.00	32.72 0.21 0.00	29.89 -0.58 0.00	30.18 -1.10 0.00	26.95 -1.37 0.00	27.49 -1.73 0.00	24.89 -1.70 0.00	20.51 -1.63 0.00	14.44 -1.31 0.00	23.10 -2.09 0.00	27.04 -2.04 0.00	36.19 -1.00 0.00	43.23 -0.36 0.00	39.78 -0.15 -0.19	38.64 -0.83 -0.20	33.66 -0.93 -0.54	35.45 -0.79 0.00
CORNELL_____ 23752	34.16 0.43 0.00	34.28 0.46 0.00	33.81 0.47 0.00	32.57 0.40 0.00	36.82 0.52 0.00	42.24 0.72 0.00	42.79 0.82 0.00	38.59 0.71 0.00	32.96 0.45 0.00	30.65 0.18 0.00	31.20 -0.08 0.00	28.17 -0.15 0.00	28.99 -0.22 0.00	26.39 -0.20 0.00	22.49 -0.16 -0.51	15.85 -0.16 -0.27	25.39 -0.20 -0.41	30.80 -0.02 -1.75	37.54 0.35 0.00	44.22 0.63 0.00	40.35 0.61 0.00	41.73 0.53 -1.94	34.33 0.27 0.00	36.35 0.12 0.00

CORONA__69_KV_TB1 355595	65.71 1.70 -30.29	37.83 1.51 -2.49	34.60 1.26 0.00	33.44 1.27 0.00	37.86 1.56 0.00	43.47 1.96 0.00	44.31 2.35 0.00	40.07 2.20 0.00	34.15 1.64 0.00	32.08 1.61 0.00	32.88 1.59 0.00	29.67 1.35 0.00	30.49 1.28 0.00	27.91 1.32 0.00	23.49 1.35 0.00	16.82 1.07 0.00	27.06 1.87 0.00	31.19 2.12 0.00	39.82 2.63 0.00	46.90 3.31 0.00	42.82 3.08 0.00	42.19 2.92 0.00	36.22 2.16 0.00	38.26 2.03 0.00
CORTLAND__115KV_TB3 80093	33.91 0.18 0.00	34.04 0.22 0.00	33.58 0.23 0.00	32.38 0.20 0.00	36.54 0.24 0.00	41.87 0.35 0.00	42.38 0.42 0.00	38.23 0.36 0.00	32.68 0.16 0.00	30.48 0.01 0.00	31.19 -0.09 0.00	28.20 -0.12 0.00	29.06 -0.15 0.00	26.46 -0.13 0.00	22.04 -0.10 0.00	15.65 -0.10 0.00	25.06 -0.13 0.00	29.07 -0.01 0.00	37.38 0.19 0.00	43.91 0.32 0.00	40.04 0.31 0.00	39.52 0.25 0.00	34.14 0.08 0.00	36.22 -0.02 0.00
COXSACKIE__GT 23611	35.44 1.72 0.00	35.46 1.64 0.00	34.89 1.55 0.00	33.75 1.58 0.00	38.08 1.79 0.00	43.67 2.15 0.00	44.37 2.41 0.00	40.13 2.26 0.00	34.03 1.52 0.00	31.39 0.91 0.00	31.99 0.70 0.00	28.83 0.52 0.00	29.69 0.48 0.00	27.12 0.53 0.00	22.57 0.44 0.00	16.17 0.42 0.00	26.02 0.83 0.00	30.34 1.26 0.00	39.30 2.11 0.00	46.35 2.76 0.00	42.41 2.67 0.00	42.02 2.76 0.00	36.77 2.71 0.00	39.07 2.83 0.00
CPV_VALLEY__CC1 323721	34.31 0.59 0.00	34.28 0.45 0.00	33.73 0.39 0.00	32.61 0.44 0.00	36.92 0.62 0.00	42.29 0.78 0.00	42.98 1.02 0.00	38.93 1.06 0.00	33.20 0.69 0.00	31.19 0.72 0.00	31.87 0.58 0.00	28.77 0.45 0.00	29.64 0.43 0.00	27.14 0.55 0.00	22.70 0.56 0.00	16.24 0.49 0.00	26.03 0.84 0.00	30.08 1.01 0.00	38.39 1.20 0.00	44.98 1.39 0.00	41.04 1.30 0.00	40.51 1.24 0.00	34.96 0.91 0.00	37.06 0.82 0.00
CPV_VALLEY__CC2 323722	34.31 0.59 0.00	34.28 0.45 0.00	33.73 0.39 0.00	32.61 0.44 0.00	36.92 0.62 0.00	42.29 0.78 0.00	42.98 1.02 0.00	38.93 1.06 0.00	33.20 0.69 0.00	31.19 0.72 0.00	31.87 0.58 0.00	28.77 0.45 0.00	29.64 0.43 0.00	27.14 0.55 0.00	22.70 0.56 0.00	16.24 0.49 0.00	26.03 0.84 0.00	30.08 1.01 0.00	38.39 1.20 0.00	44.98 1.39 0.00	41.04 1.30 0.00	40.51 1.24 0.00	34.96 0.91 0.00	37.06 0.82 0.00
CRESCENT__HYD 24018	34.47 0.74 0.00	34.47 0.65 0.00	33.88 0.54 0.00	32.79 0.61 0.00	37.05 0.76 0.00	42.38 0.86 0.00	42.93 0.97 0.00	38.75 0.88 0.00	33.10 0.58 0.00	31.05 0.58 0.00	31.74 0.45 0.00	28.74 0.42 0.00	29.68 0.47 0.00	27.09 0.50 0.00	22.58 0.45 0.00	16.20 0.45 0.00	26.03 0.85 0.00	30.11 1.04 0.00	38.45 1.26 0.00	45.09 1.50 0.00	41.22 1.47 0.00	40.79 1.53 0.00	35.36 1.30 0.00	37.61 1.37 0.00
CRICKET__VALLEY_CC1 323756	34.48 0.76 0.00	34.47 0.65 0.00	33.87 0.53 0.00	32.77 0.60 0.00	37.10 0.80 0.00	42.45 0.94 0.00	43.16 1.20 0.00	39.10 1.23 0.00	33.33 0.82 0.00	31.40 0.93 0.00	32.06 0.78 0.00	28.97 0.65 0.00	29.88 0.67 0.00	27.33 0.74 0.00	22.90 0.77 0.00	16.42 0.67 0.00	26.37 1.18 0.00	30.44 1.37 0.00	38.72 1.53 0.00	45.35 1.76 0.00	41.39 1.64 0.00	40.86 1.59 0.00	35.25 1.19 0.00	37.41 1.17 0.00
CRICKET__VALLEY_CC2 323757	34.48 0.76 0.00	34.47 0.65 0.00	33.87 0.53 0.00	32.77 0.60 0.00	37.10 0.80 0.00	42.45 0.94 0.00	43.16 1.20 0.00	39.10 1.23 0.00	33.33 0.82 0.00	31.40 0.93 0.00	32.06 0.78 0.00	28.97 0.65 0.00	29.88 0.67 0.00	27.33 0.74 0.00	22.90 0.77 0.00	16.42 0.67 0.00	26.37 1.18 0.00	30.44 1.37 0.00	38.72 1.53 0.00	45.35 1.76 0.00	41.39 1.64 0.00	40.86 1.59 0.00	35.25 1.19 0.00	37.41 1.17 0.00
CRICKET__VALLEY_CC3 323758	34.48 0.76 0.00	34.47 0.65 0.00	33.87 0.53 0.00	32.77 0.60 0.00	37.10 0.80 0.00	42.45 0.94 0.00	43.16 1.20 0.00	39.10 1.23 0.00	33.33 0.82 0.00	31.40 0.93 0.00	32.06 0.78 0.00	28.97 0.65 0.00	29.88 0.67 0.00	27.33 0.74 0.00	22.90 0.77 0.00	16.42 0.67 0.00	26.37 1.18 0.00	30.44 1.37 0.00	38.72 1.53 0.00	45.35 1.76 0.00	41.39 1.64 0.00	40.86 1.59 0.00	35.25 1.19 0.00	37.41 1.17 0.00
CRUCIBLE_METL_DRP 24180	33.56 -0.16 0.00	33.71 -0.11 0.00	33.27 -0.07 0.00	32.07 -0.11 0.00	36.14 -0.15 0.00	41.35 -0.16 0.00	41.75 -0.22 0.00	37.62 -0.25 0.00	32.22 -0.29 0.00	30.12 -0.35 0.00	30.94 -0.35 0.00	28.06 -0.26 0.00	28.96 -0.25 0.00	26.38 -0.21 0.00	21.97 -0.16 0.00	15.62 -0.13 0.00	24.96 -0.23 0.00	28.88 -0.20 0.00	36.97 -0.22 0.00	43.28 -0.31 0.00	39.48 -0.27 0.00	39.02 -0.24 0.00	33.77 -0.29 0.00	35.89 -0.35 0.00
DAHOWA__HYDRO 323763	34.78 1.05 0.00	34.79 0.96 0.00	34.18 0.84 0.00	33.06 0.89 0.00	37.43 1.13 0.00	42.88 1.37 0.00	43.56 1.59 0.00	39.28 1.41 0.00	33.40 0.88 0.00	31.44 0.97 0.00	32.04 0.76 0.00	28.99 0.67 0.00	29.92 0.71 0.00	27.27 0.68 0.00	22.73 0.60 0.00	16.27 0.53 0.00	26.22 1.03 0.00	30.48 1.40 0.00	39.18 1.99 0.00	46.05 2.46 0.00	42.06 2.31 0.00	41.56 2.29 0.00	35.87 1.82 0.00	38.14 1.90 0.00
DANC__LFGE 323619	33.65 -0.08 0.00	33.99 0.17 0.00	33.51 0.17 0.00	32.16 -0.01 0.00	36.19 -0.11 0.00	41.37 -0.14 0.00	42.19 0.23 0.00	37.92 0.05 0.00	32.30 -0.22 0.00	29.73 -0.74 0.00	30.22 -1.06 0.00	27.16 -1.16 0.00	27.85 -1.36 0.00	25.28 -1.31 0.00	20.92 -1.22 0.00	14.79 -0.96 0.00	23.65 -1.54 0.00	27.54 -1.54 0.00	36.24 -0.95 0.00	42.96 -0.63 0.00	39.42 -0.46 -0.13	38.54 -0.86 -0.14	33.52 -0.91 -0.37	35.38 -0.86 0.00
DANSKAMMER__1 23586	35.17 1.44 0.00	35.12 1.30 0.00	34.53 1.19 0.00	33.39 1.21 0.00	37.82 1.53 0.00	43.38 1.87 0.00	44.17 2.21 0.00	40.04 2.17 0.00	34.09 1.57 0.00	31.94 1.47 0.00	32.57 1.29 0.00	29.38 1.06 0.00	30.25 1.04 0.00	27.69 1.10 0.00	23.17 1.04 0.00	16.58 0.84 0.00	26.66 1.47 0.00	30.84 1.77 0.00	39.38 2.18 0.00	46.15 2.56 0.00	42.11 2.37 0.00	41.55 2.28 0.00	35.82 1.76 0.00	37.94 1.70 0.00
DANSKAMMER__2 23589	35.17 1.44 0.00	35.12 1.30 0.00	34.53 1.19 0.00	33.39 1.21 0.00	37.82 1.53 0.00	43.38 1.87 0.00	44.17 2.21 0.00	40.04 2.17 0.00	34.09 1.57 0.00	31.94 1.47 0.00	32.57 1.29 0.00	29.38 1.06 0.00	30.25 1.04 0.00	27.69 1.10 0.00	23.17 1.04 0.00	16.58 0.84 0.00	26.66 1.47 0.00	30.84 1.77 0.00	39.38 2.18 0.00	46.15 2.56 0.00	42.11 2.37 0.00	41.55 2.28 0.00	35.82 1.76 0.00	37.94 1.70 0.00
DANSKAMMER__3 23590	35.17 1.44 0.00	35.12 1.30 0.00	34.53 1.19 0.00	33.39 1.21 0.00	37.82 1.53 0.00	43.38 1.87 0.00	44.17 2.21 0.00	40.04 2.17 0.00	34.09 1.57 0.00	31.94 1.47 0.00	32.57 1.29 0.00	29.38 1.06 0.00	30.25 1.04 0.00	27.69 1.10 0.00	23.17 1.04 0.00	16.58 0.84 0.00	26.66 1.47 0.00	30.84 1.77 0.00	39.38 2.18 0.00	46.15 2.56 0.00	42.11 2.37 0.00	41.55 2.28 0.00	35.82 1.76 0.00	37.94 1.70 0.00

DANSKAMMER___4 23591	35.17 1.44 0.00	35.12 1.30 0.00	34.53 1.19 0.00	33.39 1.21 0.00	37.82 1.53 0.00	43.38 1.87 0.00	44.17 2.21 0.00	40.04 2.17 0.00	34.09 1.57 0.00	31.94 1.47 0.00	32.57 1.29 0.00	29.38 1.06 0.00	30.25 1.04 0.00	27.69 1.10 0.00	23.17 1.04 0.00	16.58 0.84 0.00	26.66 1.47 0.00	30.84 1.77 0.00	39.38 2.18 0.00	46.15 2.56 0.00	42.11 2.37 0.00	41.55 2.28 0.00	35.82 1.76 0.00	37.94 1.70 0.00
DANSKAMMER___DIESEL 23592	35.17 1.45 0.00	35.12 1.30 0.00	34.53 1.19 0.00	33.39 1.21 0.00	37.82 1.53 0.00	43.39 1.87 0.00	44.17 2.21 0.00	40.04 2.17 0.00	34.09 1.57 0.00	31.94 1.47 0.00	32.57 1.29 0.00	29.38 1.07 0.00	30.25 1.04 0.00	27.69 1.10 0.00	23.17 1.04 0.00	16.59 0.84 0.00	26.66 1.47 0.00	30.84 1.77 0.00	39.38 2.19 0.00	46.15 2.56 0.00	42.11 2.37 0.00	41.55 2.28 0.00	35.82 1.76 0.00	37.94 1.70 0.00
DARBY___SOLAR 323810	34.76 1.03 0.00	34.78 0.96 0.00	34.18 0.84 0.00	33.07 0.89 0.00	37.42 1.12 0.00	42.85 1.34 0.00	43.50 1.54 0.00	39.23 1.36 0.00	33.38 0.86 0.00	31.39 0.91 0.00	31.99 0.71 0.00	28.94 0.63 0.00	29.88 0.67 0.00	27.24 0.65 0.00	22.71 0.57 0.00	16.26 0.51 0.00	26.20 1.01 0.00	30.45 1.37 0.00	39.11 1.92 0.00	45.95 2.36 0.00	41.96 2.22 0.00	41.46 2.19 0.00	35.82 1.76 0.00	38.07 1.84 0.00
DASHVILLE___HYD 23610	34.87 1.15 0.00	34.84 1.01 0.00	34.27 0.92 0.00	33.13 0.95 0.00	37.50 1.21 0.00	42.99 1.47 0.00	43.72 1.76 0.00	39.63 1.76 0.00	33.80 1.29 0.00	31.73 1.26 0.00	32.39 1.10 0.00	29.23 0.91 0.00	30.11 0.90 0.00	27.56 0.97 0.00	23.06 0.92 0.00	16.48 0.73 0.00	26.47 1.28 0.00	30.60 1.53 0.00	39.06 1.88 0.00	45.78 2.19 0.00	41.78 2.04 0.00	41.23 1.97 0.00	35.54 1.49 0.00	37.66 1.43 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	-40.23 1.09 75.05	-49.29 0.86 83.97	-15.25 0.50 49.10	-25.81 0.52 58.50	10.61 0.69 26.37	37.58 1.91 5.85	44.66 2.69 0.00	34.09 2.26 6.04	34.13 1.62 0.00	31.94 1.47 0.00	17.88 1.30 14.71	29.49 1.17 0.00	30.23 1.02 0.00	27.62 1.03 0.00	23.55 1.42 0.00	16.94 1.19 0.00	27.38 2.20 0.00	31.12 2.05 0.00	39.58 2.39 0.00	47.27 3.68 0.00	43.37 3.63 0.00	42.85 3.59 0.00	36.39 2.34 0.00	38.18 1.94 0.00
DELAWARE___LFGE 323621	34.51 0.78 0.00	34.59 0.77 0.00	34.08 0.74 0.00	32.88 0.70 0.00	37.15 0.85 0.00	42.59 1.08 0.00	43.14 1.18 0.00	38.97 1.10 0.00	33.31 0.79 0.00	31.18 0.71 0.00	31.95 0.67 0.00	28.93 0.61 0.00	29.85 0.64 0.00	27.23 0.64 0.00	22.69 0.56 0.00	16.11 0.37 0.00	25.83 0.64 0.00	29.94 0.86 0.00	38.29 1.10 0.00	44.85 1.26 0.00	40.89 1.15 0.00	40.36 1.09 0.00	34.83 0.77 0.00	36.94 0.70 0.00
DERFIELD_115KV_TB7 355931	33.73 0.00 0.00	33.80 -0.02 0.00	33.31 -0.03 0.00	32.15 -0.03 0.00	36.27 -0.02 0.00	41.51 -0.01 0.00	42.01 0.04 0.00	37.92 0.05 0.00	32.47 -0.04 0.00	30.41 -0.06 0.00	31.17 -0.12 0.00	28.23 -0.09 0.00	29.13 -0.08 0.00	26.56 -0.03 0.00	22.11 -0.02 0.00	15.74 -0.01 0.00	25.20 0.02 0.00	29.15 0.07 0.00	37.28 0.09 0.00	43.75 0.15 0.00	39.92 0.18 0.00	39.42 0.15 0.00	34.16 0.10 0.00	36.31 0.07 0.00
DOGLEVILLE___HYD 23807	33.59 -0.14 0.00	33.58 -0.25 0.00	33.03 -0.31 0.00	31.94 -0.24 0.00	36.19 -0.10 0.00	41.52 0.01 0.00	42.16 0.19 0.00	38.10 0.22 0.00	31.94 -0.57 0.00	29.53 -0.94 0.00	30.00 -1.29 0.00	27.17 -1.15 0.00	28.07 -1.14 0.00	25.71 -0.88 0.00	21.40 -0.73 0.00	15.33 -0.41 0.00	24.68 -0.51 0.00	28.96 -0.11 0.00	37.60 0.42 0.00	44.55 0.96 0.00	40.81 1.07 0.00	40.41 1.14 0.00	35.10 1.05 0.00	36.93 0.69 0.00
DUNKIRK___115KV_TB_200 55889	32.80 -0.93 0.00	33.07 -0.76 0.00	32.88 -0.46 0.00	31.69 -0.49 0.00	36.07 -0.22 0.00	41.47 -0.05 0.00	41.47 -0.49 0.00	37.03 -0.84 0.00	31.87 -0.64 0.00	29.74 -0.73 0.00	30.81 -0.47 0.00	27.81 -0.51 0.00	28.38 -0.82 0.00	25.72 -0.87 0.00	20.75 -0.75 0.63	14.75 -0.67 0.33	23.23 -1.45 0.50	25.34 -1.57 2.16	35.30 -1.89 0.00	41.15 -2.44 0.00	37.31 -2.44 0.00	34.53 -2.34 2.40	32.03 -2.03 0.00	34.22 -2.02 0.00
DUNKIRK___1 23563	32.80 -0.93 0.00	33.07 -0.76 0.00	32.88 -0.46 0.00	31.69 -0.49 0.00	36.07 -0.22 0.00	41.47 -0.05 0.00	41.47 -0.49 0.00	37.03 -0.84 0.00	31.87 -0.64 0.00	29.74 -0.73 0.00	30.81 -0.47 0.00	27.81 -0.51 0.00	28.38 -0.82 0.00	25.72 -0.87 0.00	20.75 -0.75 0.63	14.75 -0.67 0.33	23.23 -1.45 0.50	25.34 -1.57 2.16	35.30 -1.89 0.00	41.15 -2.44 0.00	37.31 -2.44 0.00	34.53 -2.34 2.40	32.03 -2.03 0.00	34.22 -2.02 0.00
DUNKIRK___2 23564	32.80 -0.93 0.00	33.07 -0.76 0.00	32.88 -0.46 0.00	31.69 -0.49 0.00	36.07 -0.22 0.00	41.47 -0.05 0.00	41.47 -0.49 0.00	37.03 -0.84 0.00	31.87 -0.64 0.00	29.74 -0.73 0.00	30.81 -0.47 0.00	27.81 -0.51 0.00	28.38 -0.82 0.00	25.72 -0.87 0.00	20.75 -0.75 0.63	14.75 -0.67 0.33	23.23 -1.45 0.50	25.34 -1.57 2.16	35.30 -1.89 0.00	41.15 -2.44 0.00	37.31 -2.44 0.00	34.53 -2.34 2.40	32.03 -2.03 0.00	34.22 -2.02 0.00
DUNKIRK___3 23565	32.65 -1.08 0.00	32.96 -0.86 0.00	32.75 -0.59 0.00	31.57 -0.60 0.00	35.88 -0.42 0.00	41.18 -0.33 0.00	41.12 -0.84 0.00	36.72 -1.15 0.00	31.62 -0.90 0.00	29.50 -0.97 0.00	30.61 -0.68 0.00	27.66 -0.65 0.00	28.28 -0.93 0.00	25.63 -0.96 0.00	20.61 -0.83 0.69	14.69 -0.70 0.36	23.20 -1.44 0.55	25.16 -1.55 2.36	35.29 -1.90 0.00	41.05 -2.54 0.00	37.25 -2.49 0.00	34.31 -2.34 2.62	32.10 -1.96 0.00	34.29 -1.95 0.00
DUNKIRK___4 23566	32.65 -1.08 0.00	32.96 -0.86 0.00	32.75 -0.59 0.00	31.57 -0.60 0.00	35.88 -0.42 0.00	41.18 -0.33 0.00	41.12 -0.84 0.00	36.72 -1.15 0.00	31.62 -0.90 0.00	29.50 -0.97 0.00	30.61 -0.68 0.00	27.66 -0.65 0.00	28.28 -0.93 0.00	25.63 -0.96 0.00	20.61 -0.83 0.69	14.69 -0.70 0.36	23.20 -1.44 0.55	25.16 -1.55 2.36	35.29 -1.90 0.00	41.05 -2.54 0.00	37.25 -2.49 0.00	34.31 -2.34 2.62	32.10 -1.96 0.00	34.29 -1.95 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.95 1.22 0.00	34.88 1.06 0.00	34.29 0.95 0.00	33.15 0.98 0.00	37.55 1.25 0.00	43.06 1.55 0.00	43.86 1.90 0.00	39.77 1.90 0.00	33.90 1.38 0.00	31.92 1.45 0.00	32.66 1.38 0.00	29.47 1.15 0.00	30.33 1.12 0.00	27.81 1.22 0.00	23.31 1.17 0.00	16.68 0.93 0.00	26.79 1.60 0.00	30.92 1.84 0.00	39.41 2.22 0.00	46.16 2.57 0.00	42.08 2.34 0.00	41.52 2.26 0.00	35.78 1.73 0.00	37.86 1.63 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.88 1.15 0.00	34.83 1.01 0.00	34.27 0.92 0.00	33.13 0.95 0.00	37.53 1.23 0.00	43.04 1.52 0.00	43.80 1.84 0.00	39.70 1.82 0.00	33.79 1.28 0.00	31.69 1.22 0.00	32.33 1.04 0.00	29.16 0.84 0.00	30.03 0.81 0.00	27.50 0.90 0.00	23.00 0.87 0.00	16.46 0.72 0.00	26.43 1.24 0.00	30.59 1.51 0.00	39.07 1.88 0.00	45.81 2.22 0.00	41.80 2.05 0.00	41.25 1.98 0.00	35.56 1.50 0.00	37.66 1.42 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.99 1.26 -0.01	34.93 1.10 -0.01	34.31 0.96 -0.01	33.17 0.99 -0.01	37.57 1.27 0.00	43.10 1.58 -0.01	43.94 1.97 0.00	39.89 2.01 -0.01	33.98 1.46 0.00	32.02 1.56 0.01	32.80 1.52 0.00	29.57 1.25 0.00	30.43 1.22 -0.01	27.94 1.36 0.01	23.42 1.30 0.01	16.78 1.04 0.01	26.92 1.74 0.01	31.05 1.98 0.00	39.55 2.37 0.01	46.28 2.69 0.00	42.19 2.44 -0.01	41.65 2.38 -0.01	35.89 1.82 -0.01	37.94 1.71 0.00
E179THST_13_KV_LOAD 356214	35.14 1.41 -0.01	35.07 1.24 -0.01	34.44 1.09 -0.01	33.29 1.10 -0.01	37.70 1.40 0.00	43.26 1.74 -0.01	44.13 2.17 0.00	40.05 2.17 -0.01	34.14 1.62 0.00	32.17 1.70 0.01	32.95 1.67 0.00	29.71 1.39 0.00	30.57 1.35 -0.01	28.07 1.49 0.01	23.53 1.41 0.01	16.85 1.11 0.01	27.04 1.86 0.01	31.20 2.13 0.00	39.74 2.56 0.01	46.50 2.91 0.00	42.39 2.64 -0.01	41.83 2.56 -0.01	36.05 1.99 -0.01	38.11 1.87 0.00
EAST HAMPTON___GT 23717	-40.85 0.70 75.28	-49.94 0.46 84.22	-15.90 0.02 49.25	-26.43 0.06 58.67	9.97 0.13 26.45	37.78 2.13 5.86	45.22 3.26 0.00	34.59 2.78 6.06	34.54 2.03 0.00	32.27 1.80 0.00	18.15 1.62 14.75	29.74 1.42 0.00	30.48 1.27 0.00	27.85 1.26 0.00	23.73 1.59 0.00	17.08 1.33 0.00	27.63 2.44 0.00	31.41 2.33 0.00	40.04 2.85 0.00	47.83 4.24 0.00	43.88 4.14 0.00	43.33 4.07 0.00	36.80 2.75 0.00	38.59 2.36 0.00
EAST RIVER___6 23660	35.06 1.34 0.00	34.94 1.12 0.00	34.33 0.99 0.00	33.19 1.02 0.00	37.61 1.32 0.00	43.15 1.63 0.00	44.00 2.03 0.00	39.95 2.08 0.00	34.05 1.54 0.00	32.12 1.64 0.00	32.92 1.63 0.00	29.68 1.36 0.00	30.53 1.32 0.00	28.02 1.43 0.00	23.49 1.36 0.00	16.82 1.08 0.00	27.00 1.81 0.00	31.16 2.08 0.00	39.68 2.49 0.00	46.42 2.83 0.00	42.30 2.56 0.00	41.73 2.47 0.00	35.94 1.89 0.00	38.01 1.77 0.00
EAST RIVER___7 23524	35.06 1.34 0.00	34.94 1.12 0.00	34.33 0.99 0.00	33.19 1.02 0.00	37.61 1.32 0.00	43.15 1.63 0.00	44.00 2.03 0.00	39.95 2.08 0.00	34.05 1.54 0.00	32.12 1.64 0.00	32.92 1.63 0.00	29.68 1.36 0.00	30.53 1.32 0.00	28.02 1.43 0.00	23.49 1.36 0.00	16.82 1.08 0.00	27.00 1.81 0.00	31.16 2.08 0.00	39.68 2.49 0.00	46.42 2.83 0.00	42.30 2.56 0.00	41.73 2.47 0.00	35.94 1.89 0.00	38.01 1.77 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.89 1.16 0.00	34.80 0.98 0.00	34.21 0.87 0.00	33.07 0.90 0.00	37.46 1.17 0.00	42.96 1.45 0.00	43.76 1.80 0.00	39.69 1.82 0.00	33.82 1.31 0.00	31.83 1.36 0.00	32.57 1.29 0.00	29.38 1.06 0.00	30.24 1.04 0.00	27.72 1.13 0.00	23.23 1.10 0.00	16.63 0.88 0.00	26.70 1.52 0.00	30.83 1.75 0.00	39.30 2.11 0.00	46.03 2.44 0.00	41.98 2.24 0.00	41.42 2.16 0.00	35.69 1.64 0.00	37.78 1.54 0.00
EAST_HAMPTON___DIESEL 23722	-40.91 0.63 75.27	-50.00 0.39 84.21	-15.98 -0.08 49.25	-26.51 -0.02 58.67	9.87 0.02 26.45	37.76 2.10 5.86	45.24 3.28 0.00	34.60 2.78 6.06	34.56 2.04 0.00	32.28 1.80 0.00	18.16 1.63 14.75	29.75 1.43 0.00	30.48 1.27 0.00	27.85 1.26 0.00	23.73 1.60 0.00	17.08 1.33 0.00	27.63 2.44 0.00	31.41 2.34 0.00	40.05 2.86 0.00	47.84 4.24 0.00	43.89 4.14 0.00	43.35 4.08 0.00	36.81 2.75 0.00	38.60 2.36 0.00
EAST_POINT___SOLAR 323840	36.20 2.47 0.00	36.31 2.49 0.00	35.86 2.52 0.00	34.55 2.38 0.00	39.08 2.78 0.00	44.83 3.32 0.00	45.41 3.44 0.00	40.58 2.71 0.00	33.33 0.82 0.00	30.55 0.08 0.00	31.18 -0.10 0.00	28.24 -0.08 0.00	29.14 -0.07 0.00	26.55 -0.04 0.00	22.04 -0.09 0.00	15.61 -0.14 0.00	24.98 -0.21 0.00	29.70 0.63 0.00	39.35 2.16 0.00	46.83 3.24 0.00	42.62 2.88 0.00	41.94 2.67 0.00	36.07 2.01 0.00	38.29 2.05 0.00
EAST_PULASKI___ESR 323781	33.32 -0.41 0.00	33.54 -0.29 0.00	33.08 -0.26 0.00	31.85 -0.33 0.00	35.84 -0.46 0.00	40.99 -0.53 0.00	41.57 -0.40 0.00	37.42 -0.45 0.00	31.97 -0.55 0.00	29.67 -0.80 0.00	30.37 -0.91 0.00	27.45 -0.87 0.00	28.29 -0.92 0.00	25.73 -0.86 0.00	21.38 -0.75 0.00	15.17 -0.58 0.00	24.26 -0.93 0.00	28.10 -0.98 0.00	36.36 -0.83 0.00	42.78 -0.80 0.00	39.08 -0.66 0.00	38.46 -0.80 0.00	33.24 -0.82 0.00	35.38 -0.85 0.00
EAST_RIVER___1 323558	35.03 1.30 0.00	34.90 1.08 0.00	34.30 0.96 0.00	33.15 0.98 0.00	37.58 1.28 0.00	43.10 1.59 0.00	43.95 1.98 0.00	39.91 2.04 0.00	34.01 1.50 0.00	32.08 1.61 0.00	32.86 1.58 0.00	29.63 1.31 0.00	30.48 1.27 0.00	27.98 1.39 0.00	23.45 1.32 0.00	16.79 1.05 0.00	26.96 1.77 0.00	31.10 2.03 0.00	39.62 2.43 0.00	46.35 2.76 0.00	42.24 2.50 0.00	41.69 2.42 0.00	35.90 1.85 0.00	37.96 1.73 0.00
EAST_RIVER___2 323559	35.06 1.34 0.00	34.94 1.12 0.00	34.33 0.99 0.00	33.19 1.02 0.00	37.61 1.32 0.00	43.15 1.63 0.00	44.00 2.03 0.00	39.95 2.08 0.00	34.05 1.54 0.00	32.12 1.64 0.00	32.92 1.63 0.00	29.68 1.36 0.00	30.53 1.32 0.00	28.02 1.43 0.00	23.49 1.36 0.00	16.82 1.08 0.00	27.00 1.81 0.00	31.16 2.08 0.00	39.68 2.49 0.00	46.42 2.83 0.00	42.30 2.56 0.00	41.73 2.47 0.00	35.94 1.89 0.00	38.01 1.77 0.00
EAST___DELAWARE_HYD 23607	35.37 1.64 0.00	35.34 1.52 0.00	34.78 1.44 0.00	33.61 1.44 0.00	38.10 1.81 0.00	43.74 2.23 0.00	44.51 2.54 0.00	40.28 2.41 0.00	34.25 1.74 0.00	32.02 1.55 0.00	32.59 1.31 0.00	29.36 1.05 0.00	30.24 1.03 0.00	27.65 1.07 0.00	23.11 0.97 0.00	16.51 0.76 0.00	26.54 1.36 0.00	30.86 1.78 0.00	39.55 2.36 0.00	46.39 2.80 0.00	42.32 2.57 0.00	41.73 2.46 0.00	35.94 1.88 0.00	38.09 1.86 0.00
EIGHT_POINT___WT_PWR 323820	31.50 -2.23 0.00	32.26 -1.56 0.00	32.13 -1.21 0.00	31.02 -1.16 0.00	35.29 -1.00 0.00	40.51 -1.01 0.00	40.57 -1.40 0.00	36.16 -1.71 0.00	30.90 -1.61 0.00	28.63 -1.84 0.00	29.19 -2.10 0.00	25.98 -2.34 0.00	26.89 -2.32 0.00	24.41 -2.18 0.00	24.92 -1.95 -4.74	16.77 -1.45 -2.47	26.30 -2.66 -3.77	42.25 -3.04 -16.22	33.95 -3.24 0.00	41.26 -2.33 0.00	37.40 -2.34 0.00	54.51 -2.82 -18.07	31.25 -2.81 0.00	33.30 -2.94 0.00
ELBRIDGE_115KV_TB2 80188	33.42 -0.31 0.00	33.56 -0.27 0.00	33.14 -0.21 0.00	31.90 -0.27 0.00	35.98 -0.32 0.00	41.16 -0.35 0.00	41.53 -0.43 0.00	37.42 -0.45 0.00	32.05 -0.47 0.00	29.99 -0.48 0.00	30.78 -0.51 0.00	27.90 -0.42 0.00	28.80 -0.41 0.00	26.23 -0.36 0.00	21.85 -0.28 0.00	15.54 -0.21 0.00	24.82 -0.37 0.00	28.69 -0.38 0.00	36.74 -0.45 0.00	43.01 -0.58 0.00	39.23 -0.51 0.00	38.78 -0.48 0.00	33.60 -0.46 0.00	35.71 -0.53 0.00
ELEC_TRO_TEK 24086	49.94 1.52 -14.69	36.33 1.29 -1.21	34.40 1.06 0.00	33.24 1.07 0.00	37.64 1.34 0.00	43.22 1.71 0.00	44.09 2.12 0.00	39.88 2.01 0.00	33.99 1.47 0.00	31.92 1.45 0.00	32.71 1.42 0.00	29.52 1.21 0.00	30.34 1.14 0.00	27.78 1.19 0.00	23.37 1.24 0.00	16.75 1.00 0.00	26.95 1.76 0.00	31.06 1.98 0.00	39.61 2.42 0.00	46.65 3.06 0.00	42.60 2.85 0.00	41.99 2.72 0.00	36.03 1.97 0.00	38.04 1.81 0.00

ELLENBURG_WT_PWR 323604	33.87 0.14 0.00	33.88 0.05 0.00	33.31 -0.04 0.00	32.10 -0.07 0.00	36.26 -0.04 0.00	41.43 -0.09 0.00	41.91 -0.06 0.00	37.74 -0.13 0.00	32.81 0.30 0.00	30.76 0.29 0.00	31.66 0.38 0.00	28.28 -0.04 0.00	29.08 -0.13 0.00	26.24 -0.35 0.00	21.70 -0.43 0.00	15.32 -0.43 0.00	24.43 -0.76 0.00	27.95 -1.12 0.00	36.01 -1.18 0.00	42.85 -0.74 0.00	33.66 -1.25 4.83	32.97 -1.34 4.96	19.67 -0.98 13.41	35.58 -0.66 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.16 -1.57 0.00	32.62 -1.20 0.00	32.40 -0.94 0.00	31.21 -0.96 0.00	35.33 -0.97 0.00	40.44 -1.08 0.00	39.98 -1.99 0.00	35.55 -2.32 0.00	30.76 -1.75 0.00	28.68 -1.79 0.00	29.97 -1.32 0.00	27.18 -1.13 0.00	27.94 -1.27 0.00	25.31 -1.28 0.00	20.04 -1.14 0.95	14.44 -0.82 0.49	22.92 -1.51 0.75	24.23 -1.60 3.25	35.21 -1.98 0.00	40.58 -3.01 0.00	36.99 -2.75 0.00	33.23 -2.42 3.61	32.28 -1.78 0.00	34.59 -1.65 0.00
EMPIRE_CC_1 323656	34.17 0.44 0.00	34.17 0.34 0.00	33.58 0.24 0.00	32.50 0.33 0.00	36.69 0.39 0.00	41.88 0.36 0.00	42.30 0.34 0.00	38.24 0.36 0.00	32.71 0.20 0.00	30.79 0.31 0.00	31.49 0.20 0.00	28.53 0.21 0.00	29.46 0.25 0.00	26.91 0.32 0.00	22.34 0.20 0.00	16.11 0.36 0.00	25.88 0.69 0.00	29.88 0.80 0.00	37.93 0.74 0.00	44.38 0.78 0.00	40.60 0.86 0.00	40.22 0.96 0.00	34.97 0.91 0.00	37.29 1.06 0.00
EMPIRE_CC_2 323658	34.17 0.44 0.00	34.17 0.34 0.00	33.58 0.24 0.00	32.50 0.33 0.00	36.69 0.39 0.00	41.88 0.36 0.00	42.30 0.34 0.00	38.24 0.36 0.00	32.71 0.20 0.00	30.79 0.31 0.00	31.49 0.20 0.00	28.53 0.21 0.00	29.46 0.25 0.00	26.91 0.32 0.00	22.34 0.20 0.00	16.11 0.36 0.00	25.88 0.69 0.00	29.88 0.80 0.00	37.93 0.74 0.00	44.38 0.78 0.00	40.60 0.86 0.00	40.22 0.96 0.00	34.97 0.91 0.00	37.29 1.06 0.00
ENORWICH_115KV_TB1 80156	35.45 1.72 0.00	35.45 1.63 0.00	34.83 1.49 0.00	33.30 1.13 0.00	37.85 1.55 0.00	43.95 2.44 0.00	44.67 2.71 0.00	40.26 2.39 0.00	34.29 1.78 0.00	31.55 1.08 0.00	32.03 0.74 0.00	29.05 0.73 0.00	29.59 0.38 0.00	26.85 0.26 0.00	22.57 0.16 -0.27	15.86 -0.03 -0.14	25.60 0.19 -0.21	30.82 0.82 -0.92	38.97 1.78 0.00	46.59 3.00 0.00	42.57 2.83 0.00	42.56 2.27 -1.03	35.16 1.10 0.00	36.60 0.36 0.00
ERIE_ST_34_KV_TB1-2 80199	32.45 -1.28 0.00	32.89 -0.93 0.00	32.66 -0.68 0.00	31.47 -0.71 0.00	35.60 -0.69 0.00	40.75 -0.77 0.00	40.42 -1.55 0.00	35.99 -1.88 0.00	31.15 -1.37 0.00	29.03 -1.44 0.00	30.30 -0.98 0.00	27.44 -0.88 0.00	28.18 -1.03 0.00	25.55 -1.04 0.00	20.34 -0.99 0.80	14.63 -0.70 0.42	23.26 -1.29 0.64	24.97 -1.37 2.74	35.57 -1.62 0.00	41.10 -2.49 0.00	37.47 -2.27 0.00	34.20 -2.01 3.05	32.61 -1.45 0.00	34.87 -1.36 0.00
ERIE_WT_PWR 323693	32.35 -1.38 0.00	32.83 -0.99 0.00	32.60 -0.74 0.00	31.37 -0.81 0.00	35.53 -0.76 0.00	40.73 -0.78 0.00	40.31 -1.65 0.00	35.87 -2.00 0.00	31.00 -1.52 0.00	28.87 -1.60 0.00	30.15 -1.14 0.00	27.33 -0.99 0.00	28.06 -1.15 0.00	25.43 -1.16 0.00	20.24 -1.04 0.86	14.55 -0.75 0.45	23.10 -1.41 0.68	24.69 -1.45 2.93	35.45 -1.74 0.00	40.89 -2.70 0.00	37.19 -2.55 0.00	33.82 -2.18 3.26	32.44 -1.62 0.00	34.72 -1.52 0.00
ESPRGFLD_115KV_TB1 80157	35.56 1.83 0.00	35.71 1.89 0.00	35.29 1.95 0.00	33.97 1.79 0.00	38.38 2.09 0.00	44.02 2.50 0.00	44.54 2.57 0.00	40.08 2.21 0.00	34.07 1.55 0.00	31.68 1.21 0.00	32.49 1.21 0.00	29.41 1.09 0.00	30.35 1.14 0.00	27.62 1.03 0.00	22.92 0.79 0.00	16.18 0.43 0.00	25.83 0.65 0.00	30.10 1.02 0.00	38.92 1.73 0.00	45.78 2.19 0.00	41.55 1.81 0.00	40.85 1.59 0.00	35.06 1.00 0.00	37.20 0.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.11 0.39 0.00	34.24 0.42 0.00	33.77 0.43 0.00	32.53 0.36 0.00	36.76 0.47 0.00	42.18 0.66 0.00	42.66 0.70 0.00	38.48 0.60 0.00	32.88 0.36 0.00	30.62 0.14 0.00	31.19 -0.09 0.00	28.17 -0.15 0.00	29.00 -0.21 0.00	26.39 -0.20 0.00	22.40 -0.15 -0.43	15.81 -0.16 -0.22	25.33 -0.20 -0.34	30.51 -0.02 -1.46	37.50 0.31 0.00	44.15 0.57 0.00	40.29 0.54 0.00	41.36 0.47 -1.63	34.29 0.23 0.00	36.32 0.08 0.00
ETNA____115KV_TB2 80207	34.11 0.39 0.00	34.24 0.42 0.00	33.77 0.43 0.00	32.53 0.36 0.00	36.76 0.47 0.00	42.18 0.66 0.00	42.66 0.70 0.00	38.48 0.60 0.00	32.88 0.36 0.00	30.62 0.14 0.00	31.19 -0.09 0.00	28.17 -0.15 0.00	29.00 -0.21 0.00	26.39 -0.20 0.00	22.40 -0.15 -0.43	15.81 -0.16 -0.22	25.33 -0.20 -0.34	30.51 -0.02 -1.46	37.50 0.31 0.00	44.15 0.57 0.00	40.29 0.54 0.00	41.36 0.47 -1.63	34.29 0.23 0.00	36.32 0.08 0.00
EUCLID____115KV_TB2 356179	33.26 -0.47 0.00	33.41 -0.41 0.00	32.98 -0.37 0.00	31.79 -0.38 0.00	35.79 -0.50 0.00	40.95 -0.57 0.00	41.34 -0.62 0.00	37.25 -0.62 0.00	31.94 -0.58 0.00	29.85 -0.62 0.00	30.72 -0.56 0.00	27.87 -0.45 0.00	28.78 -0.43 0.00	26.22 -0.37 0.00	21.83 -0.30 0.00	15.52 -0.23 0.00	24.78 -0.41 0.00	28.63 -0.44 0.00	36.61 -0.58 0.00	42.84 -0.75 0.00	39.09 -0.65 0.00	38.64 -0.63 0.00	33.46 -0.59 0.00	35.57 -0.66 0.00
E_CANADA_CAP_HY 24051	35.81 2.09 0.00	35.97 2.15 0.00	35.55 2.21 0.00	34.23 2.06 0.00	38.67 2.37 0.00	44.29 2.77 0.00	44.68 2.71 0.00	40.11 2.25 0.00	33.83 1.31 0.00	31.32 0.85 0.00	32.06 0.78 0.00	29.08 0.76 0.00	30.03 0.82 0.00	27.34 0.75 0.00	22.67 0.54 0.00	16.00 0.25 0.00	25.47 0.28 0.00	29.77 0.69 0.00	38.85 1.66 0.00	45.92 2.33 0.00	41.75 2.01 0.00	41.11 1.85 0.00	35.35 1.30 0.00	37.59 1.35 0.00
E_CANADA_MHWK_HY 24050	33.59 -0.14 0.00	33.58 -0.25 0.00	33.03 -0.31 0.00	31.94 -0.24 0.00	36.19 -0.10 0.00	41.52 0.01 0.00	42.16 0.19 0.00	38.10 0.22 0.00	31.94 -0.57 0.00	29.53 -0.94 0.00	30.00 -1.29 0.00	27.17 -1.15 0.00	28.07 -1.14 0.00	25.71 -0.88 0.00	21.40 -0.73 0.00	15.33 -0.41 0.00	24.68 -0.51 0.00	28.96 -0.11 0.00	37.60 0.42 0.00	44.55 0.96 0.00	40.81 1.07 0.00	40.41 1.14 0.00	35.10 1.05 0.00	36.93 0.69 0.00
E_FISHKILL____LBMP 23776	34.68 0.95 0.00	34.63 0.80 0.00	34.04 0.70 0.00	32.92 0.74 0.00	37.27 0.98 0.00	42.70 1.19 0.00	43.43 1.47 0.00	39.37 1.50 0.00	33.57 1.05 0.00	31.58 1.11 0.00	32.29 1.01 0.00	29.16 0.84 0.00	30.04 0.82 0.00	27.52 0.92 0.00	23.04 0.90 0.00	16.49 0.74 0.00	26.47 1.28 0.00	30.56 1.49 0.00	38.95 1.75 0.00	45.60 2.01 0.00	41.60 1.86 0.00	41.06 1.80 0.00	35.43 1.37 0.00	37.53 1.29 0.00
FALCON____SEABRD_CC1 323796	34.31 0.58 0.00	34.28 0.46 0.00	33.68 0.34 0.00	32.47 0.29 0.00	36.63 0.33 0.00	41.61 0.09 0.00	42.09 0.12 0.00	37.80 -0.07 0.00	32.97 0.46 0.00	30.88 0.40 0.00	31.81 0.53 0.00	28.41 0.09 0.00	29.23 0.02 0.00	26.38 -0.21 0.00	21.81 -0.33 0.00	15.40 -0.35 0.00	24.57 -0.62 0.00	28.07 -1.00 0.00	36.20 -0.99 0.00	43.13 -0.46 0.00	33.97 -0.94 4.83	33.21 -1.10 4.96	20.06 -0.59 13.41	36.06 -0.17 0.00

FALCON___SEABRD_CC2 323797	34.31 0.58 0.00	34.28 0.46 0.00	33.68 0.34 0.00	32.47 0.29 0.00	36.63 0.33 0.00	41.61 0.09 0.00	42.09 0.12 0.00	37.80 -0.07 0.00	32.97 0.46 0.00	30.88 0.40 0.00	31.81 0.53 0.00	28.41 0.09 0.00	29.23 0.02 0.00	26.38 -0.21 0.00	21.81 -0.33 0.00	15.40 -0.35 0.00	24.57 -0.62 0.00	28.07 -1.00 0.00	36.20 -0.99 0.00	43.13 -0.46 0.00	33.97 -0.94 4.83	33.21 -1.10 4.96	20.06 -0.59 13.41	36.06 -0.17 0.00
FAR ROCKAWAY___4 23548	67.62 1.92 -31.97	38.20 1.75 -2.63	34.83 1.48 0.00	33.64 1.47 0.00	38.09 1.80 0.00	43.76 2.25 0.00	44.63 2.66 0.00	40.35 2.48 0.00	34.39 1.88 0.00	32.29 1.82 0.00	33.09 1.81 0.00	29.87 1.55 0.00	30.68 1.47 0.00	28.08 1.49 0.00	23.63 1.50 0.00	16.92 1.17 0.00	27.24 2.05 0.00	31.42 2.35 0.00	40.09 2.90 0.00	47.24 3.66 0.00	43.14 3.40 0.00	42.49 3.23 0.00	36.46 2.40 0.00	38.50 2.27 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	35.03 1.31 0.00	34.91 1.09 0.00	34.31 0.96 0.00	33.16 0.99 0.00	37.58 1.28 0.00	43.11 1.60 0.00	43.96 1.99 0.00	39.92 2.05 0.00	34.01 1.50 0.00	32.08 1.61 0.00	32.87 1.58 0.00	29.63 1.31 0.00	30.47 1.27 0.00	27.98 1.39 0.00	23.45 1.32 0.00	16.79 1.05 0.00	26.96 1.77 0.00	31.11 2.03 0.00	39.63 2.44 0.00	46.36 2.77 0.00	42.25 2.50 0.00	41.69 2.43 0.00	35.91 1.85 0.00	37.98 1.74 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	35.06 1.33 0.00	34.93 1.10 0.00	34.32 0.98 0.00	33.18 1.01 0.00	37.60 1.30 0.00	43.14 1.63 0.00	43.98 2.01 0.00	39.93 2.06 0.00	34.03 1.51 0.00	32.09 1.62 0.00	32.87 1.59 0.00	29.63 1.32 0.00	30.48 1.27 0.00	27.98 1.39 0.00	23.46 1.33 0.00	16.80 1.05 0.00	26.97 1.78 0.00	31.11 2.04 0.00	39.63 2.45 0.00	46.38 2.79 0.00	42.27 2.53 0.00	41.70 2.43 0.00	35.92 1.87 0.00	37.99 1.75 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	35.02 1.29 0.00	34.89 1.07 0.00	34.29 0.95 0.00	33.15 0.98 0.00	37.57 1.27 0.00	43.10 1.59 0.00	43.93 1.97 0.00	39.89 2.02 0.00	34.00 1.49 0.00	32.06 1.59 0.00	32.85 1.57 0.00	29.61 1.30 0.00	30.46 1.26 0.00	27.97 1.38 0.00	23.45 1.31 0.00	16.79 1.04 0.00	26.94 1.76 0.00	31.09 2.01 0.00	39.61 2.42 0.00	46.34 2.75 0.00	42.22 2.48 0.00	41.66 2.39 0.00	35.89 1.83 0.00	37.95 1.72 0.00
FARRAGUT___LBMP 323566	34.99 1.27 0.00	34.87 1.05 0.00	34.27 0.92 0.00	33.13 0.96 0.00	37.54 1.24 0.00	43.07 1.55 0.00	43.90 1.94 0.00	39.86 1.99 0.00	33.97 1.46 0.00	32.03 1.56 0.00	32.82 1.54 0.00	29.59 1.27 0.00	30.43 1.23 0.00	27.94 1.35 0.00	23.43 1.29 0.00	16.77 1.02 0.00	26.92 1.73 0.00	31.06 1.98 0.00	39.58 2.39 0.00	46.30 2.71 0.00	42.19 2.45 0.00	41.63 2.36 0.00	35.87 1.81 0.00	37.92 1.69 0.00
FENNER___WINDPWR 24204	34.17 0.44 0.00	34.32 0.49 0.00	33.83 0.49 0.00	32.62 0.45 0.00	36.82 0.52 0.00	42.21 0.70 0.00	42.80 0.83 0.00	38.63 0.75 0.00	32.97 0.45 0.00	30.63 0.16 0.00	31.35 0.06 0.00	28.36 0.04 0.00	29.22 0.01 0.00	26.57 -0.02 0.00	22.10 -0.03 0.00	15.69 -0.05 0.00	25.18 0.00 0.00	29.21 0.14 0.00	37.70 0.51 0.00	44.38 0.78 0.00	40.44 0.69 0.00	39.80 0.54 0.00	34.39 0.33 0.00	36.49 0.25 0.00
FIBERTEK___ENERGY 23856	33.56 -0.16 0.00	33.71 -0.11 0.00	33.27 -0.07 0.00	32.07 -0.11 0.00	36.14 -0.15 0.00	41.35 -0.16 0.00	41.75 -0.22 0.00	37.62 -0.25 0.00	32.22 -0.29 0.00	30.12 -0.35 0.00	30.94 -0.35 0.00	28.06 -0.26 0.00	28.96 -0.25 0.00	26.38 -0.21 0.00	21.97 -0.16 0.00	15.62 -0.13 0.00	24.96 -0.23 0.00	28.88 -0.20 0.00	36.97 -0.22 0.00	43.28 -0.31 0.00	39.48 -0.27 0.00	39.02 -0.24 0.00	33.77 -0.29 0.00	35.89 -0.35 0.00
FITZPATRICK____ 23598	32.82 -0.91 0.00	32.95 -0.87 0.00	32.53 -0.81 0.00	31.36 -0.82 0.00	35.26 -1.03 0.00	40.30 -1.21 0.00	40.66 -1.30 0.00	36.65 -1.22 0.00	31.46 -1.05 0.00	29.47 -1.01 0.00	30.35 -0.93 0.00	27.53 -0.79 0.00	28.46 -0.75 0.00	25.93 -0.66 0.00	21.59 -0.55 0.00	15.34 -0.41 0.00	24.47 -0.72 0.00	28.20 -0.87 0.00	36.01 -1.18 0.00	42.16 -1.43 0.00	38.45 -1.29 0.00	38.01 -1.25 0.00	32.94 -1.12 0.00	35.05 -1.19 0.00
FLOWRFLD_69_KV_BK1 356044	34.60 1.52 0.64	32.32 1.28 2.78	32.59 0.97 1.72	31.09 0.96 2.05	36.58 1.21 0.93	42.99 1.68 0.20	44.11 2.14 0.00	39.57 1.91 0.21	33.87 1.36 0.00	31.74 1.27 0.00	31.96 1.19 0.52	29.32 1.00 0.00	30.09 0.88 0.00	27.50 0.90 0.00	23.31 1.17 0.00	16.73 0.98 0.00	27.02 1.83 0.00	31.01 1.93 0.00	39.55 2.36 0.00	46.90 3.32 0.00	42.95 3.21 0.00	42.33 3.07 0.00	36.12 2.06 0.00	37.96 1.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.22 1.50 0.00	35.17 1.35 0.00	34.59 1.25 0.00	33.44 1.27 0.00	37.88 1.58 0.00	43.45 1.93 0.00	44.25 2.29 0.00	40.11 2.24 0.00	34.14 1.63 0.00	32.00 1.53 0.00	32.63 1.35 0.00	29.44 1.12 0.00	30.31 1.10 0.00	27.74 1.15 0.00	23.22 1.08 0.00	16.62 0.87 0.00	26.71 1.53 0.00	30.91 1.83 0.00	39.46 2.27 0.00	46.25 2.66 0.00	42.19 2.45 0.00	41.63 2.37 0.00	35.89 1.83 0.00	38.00 1.77 0.00
FORT ORANGE____ 23900	34.24 0.51 0.00	34.25 0.43 0.00	33.70 0.36 0.00	32.60 0.43 0.00	36.73 0.44 0.00	42.01 0.50 0.00	42.54 0.58 0.00	38.46 0.59 0.00	32.83 0.32 0.00	30.72 0.24 0.00	31.39 0.10 0.00	28.44 0.12 0.00	29.33 0.12 0.00	26.83 0.24 0.00	22.36 0.23 0.00	16.03 0.28 0.00	25.74 0.55 0.00	29.79 0.71 0.00	38.02 0.83 0.00	44.58 0.99 0.00	40.77 1.03 0.00	40.49 1.22 0.00	35.54 1.48 0.00	37.80 1.56 0.00
FORT_DRUM_COGEN 23780	34.29 0.56 0.00	34.72 0.90 0.00	34.22 0.88 0.00	32.77 0.60 0.00	36.92 0.63 0.00	42.24 0.73 0.00	43.28 1.31 0.00	38.86 0.99 0.00	32.95 0.44 0.00	30.02 -0.45 0.00	30.30 -0.98 0.00	27.09 -1.23 0.00	27.68 -1.53 0.00	25.04 -1.55 0.00	20.66 -1.47 0.00	14.57 -1.18 0.00	23.31 -1.88 0.00	27.30 -1.78 0.00	36.60 -0.59 0.00	43.72 0.13 0.00	40.25 0.29 -0.22	39.15 -0.34 -0.22	34.15 -0.52 -0.60	35.86 -0.38 0.00
FOX_HILLS___ESR 323835	57.24 1.62 -21.89	56.21 1.37 -21.02	55.84 1.24 -21.26	55.47 1.25 -22.04	56.21 1.59 -18.33	57.80 1.99 -14.30	56.30 2.36 -11.97	56.98 2.36 -16.75	57.48 1.71 -23.26	59.31 1.72 -27.12	64.79 1.67 -31.83	55.21 1.43 -25.47	57.59 1.44 -26.94	59.64 1.49 -31.56	54.59 1.37 -31.08	56.42 1.07 -39.61	54.88 1.79 -27.91	59.39 2.04 -28.28	59.49 2.52 -19.78	95.66 2.96 -49.11	99.27 2.73 -56.81	98.74 2.69 -56.79	60.56 2.11 -24.39	55.25 2.07 -16.95
FPL FAR_ROCK_GT1 24212	67.61 1.92 -31.97	38.20 1.75 -2.63	34.82 1.48 0.00	33.64 1.47 0.00	38.09 1.80 0.00	43.76 2.25 0.00	44.63 2.66 0.00	40.35 2.48 0.00	34.39 1.88 0.00	32.29 1.82 0.00	33.09 1.81 0.00	29.87 1.55 0.00	30.68 1.47 0.00	28.08 1.49 0.00	23.63 1.50 0.00	16.92 1.17 0.00	27.24 2.05 0.00	31.42 2.35 0.00	40.09 2.90 0.00	47.24 3.65 0.00	43.14 3.40 0.00	42.49 3.23 0.00	36.46 2.40 0.00	38.50 2.27 0.00



FPL FAR_ROCK_GT2 23815	67.61 1.92 -31.97	38.20 1.75 -2.63	34.82 1.48 0.00	33.64 1.47 0.00	38.09 1.80 0.00	43.76 2.25 0.00	44.63 2.66 0.00	40.35 2.48 0.00	34.39 1.88 0.00	32.29 1.82 0.00	33.09 1.81 0.00	29.87 1.55 0.00	30.68 1.47 0.00	28.08 1.49 0.00	23.63 1.50 0.00	16.92 1.17 0.00	27.24 2.05 0.00	31.42 2.35 0.00	40.09 2.90 0.00	47.24 3.65 0.00	43.14 3.40 0.00	42.49 3.23 0.00	36.46 2.40 0.00	38.50 2.27 0.00
FRANKLIN_FALL_HYD 24054	34.15 0.42 0.00	34.19 0.36 0.00	33.65 0.31 0.00	32.44 0.26 0.00	36.65 0.36 0.00	41.96 0.45 0.00	42.48 0.51 0.00	38.32 0.44 0.00	33.27 0.75 0.00	31.07 0.60 0.00	31.89 0.61 0.00	28.48 0.16 0.00	29.25 0.04 0.00	26.32 -0.27 0.00	21.72 -0.41 0.00	15.34 -0.41 0.00	24.46 -0.73 0.00	28.06 -1.02 0.00	36.36 -0.82 0.00	43.34 -0.25 0.00	42.43 -0.71 -3.40	41.93 -0.83 -3.49	42.95 -0.55 -9.44	35.96 -0.27 0.00
FREEPORT_EQUUS_GT1 23764	48.42 1.63 -13.06	36.31 1.42 -1.07	34.50 1.16 0.00	33.33 1.15 0.00	37.72 1.42 0.00	43.35 1.83 0.00	44.22 2.26 0.00	40.00 2.13 0.00	34.09 1.58 0.00	31.99 1.52 0.00	32.76 1.48 0.00	29.56 1.24 0.00	30.35 1.14 0.00	27.78 1.19 0.00	23.39 1.26 0.00	16.77 1.02 0.00	27.01 1.83 0.00	31.13 2.06 0.00	39.74 2.55 0.00	46.87 3.28 0.00	42.82 3.08 0.00	42.18 2.91 0.00	36.16 2.11 0.00	38.16 1.92 0.00
FREEPORT___CT2 23818	48.42 1.63 -13.06	36.31 1.42 -1.07	34.50 1.16 0.00	33.33 1.15 0.00	37.72 1.42 0.00	43.35 1.83 0.00	44.22 2.26 0.00	40.00 2.13 0.00	34.09 1.58 0.00	31.99 1.52 0.00	32.76 1.48 0.00	29.56 1.24 0.00	30.35 1.14 0.00	27.78 1.19 0.00	23.39 1.26 0.00	16.77 1.02 0.00	27.01 1.83 0.00	31.13 2.06 0.00	39.74 2.55 0.00	46.87 3.28 0.00	42.82 3.08 0.00	42.18 2.91 0.00	36.16 2.11 0.00	38.16 1.92 0.00
FRESHKLS_33_KV_LOAD 356253	57.25 1.64 -21.89	56.21 1.37 -21.02	55.84 1.23 -21.26	55.46 1.24 -22.04	56.22 1.59 -18.33	57.80 1.98 -14.30	56.31 2.37 -11.97	56.96 2.34 -16.75	57.43 1.66 -23.26	59.24 1.65 -27.12	64.70 1.58 -31.83	55.13 1.34 -25.47	57.52 1.37 -26.94	59.56 1.41 -31.56	54.51 1.29 -31.08	56.36 1.01 -39.61	54.78 1.68 -27.91	59.26 1.91 -28.28	59.37 2.39 -19.78	95.57 2.87 -49.11	99.21 2.66 -56.81	98.70 2.65 -56.79	60.54 2.09 -24.39	55.25 2.07 -16.95
FULTON COGEN____ 23766	33.11 -0.62 0.00	33.25 -0.57 0.00	32.82 -0.52 0.00	31.65 -0.52 0.00	35.62 -0.67 0.00	40.74 -0.78 0.00	41.15 -0.81 0.00	37.08 -0.79 0.00	31.77 -0.75 0.00	29.69 -0.78 0.00	30.52 -0.77 0.00	27.68 -0.64 0.00	28.57 -0.64 0.00	26.03 -0.67 0.00	21.67 -0.47 0.00	15.40 -0.35 0.00	24.60 -0.58 0.00	28.48 -0.60 0.00	36.41 -0.77 0.00	42.62 -0.97 0.00	38.89 -0.86 0.00	38.43 -0.83 0.00	33.25 -0.80 0.00	35.35 -0.89 0.00
FULTON___LFGE 323630	35.77 2.05 0.00	35.87 2.05 0.00	35.38 2.04 0.00	34.11 1.94 0.00	38.57 2.27 0.00	44.22 2.70 0.00	44.79 2.83 0.00	40.21 2.34 0.00	33.54 1.03 0.00	30.83 0.36 0.00	31.43 0.15 0.00	28.48 0.16 0.00	29.40 0.19 0.00	26.82 0.23 0.00	22.29 0.15 0.00	15.81 0.06 0.00	25.29 0.10 0.00	29.75 0.68 0.00	39.17 1.98 0.00	46.36 2.77 0.00	42.23 2.49 0.00	41.58 2.32 0.00	35.81 1.75 0.00	38.05 1.81 0.00
G.F.CEMENT___DRP 24184	34.90 1.17 0.00	34.91 1.09 0.00	34.29 0.94 0.00	33.17 0.99 0.00	37.58 1.28 0.00	43.09 1.58 0.00	43.81 1.84 0.00	39.50 1.63 0.00	33.59 1.08 0.00	31.71 1.24 0.00	32.42 1.13 0.00	29.30 0.99 0.00	30.24 1.03 0.00	27.55 0.96 0.00	22.95 0.82 0.00	16.43 0.68 0.00	26.48 1.30 0.00	30.80 1.73 0.00	39.65 2.46 0.00	46.65 3.06 0.00	42.59 2.85 0.00	42.04 2.78 0.00	36.23 2.17 0.00	38.49 2.25 0.00
GARDENVILLE___LBMP 24039	32.28 -1.45 0.00	32.73 -1.09 0.00	32.50 -0.84 0.00	31.31 -0.87 0.00	35.45 -0.84 0.00	40.60 -0.91 0.00	40.18 -1.78 0.00	35.75 -2.12 0.00	30.91 -1.61 0.00	28.80 -1.67 0.00	30.08 -1.20 0.00	27.27 -1.05 0.00	28.01 -1.20 0.00	25.38 -1.21 0.00	20.14 -1.09 0.90	14.49 -0.79 0.47	23.01 -1.47 0.72	24.44 -1.55 3.08	35.30 -1.89 0.00	40.71 -2.88 0.00	37.10 -2.65 0.00	33.51 -2.33 3.43	32.34 -1.72 0.00	34.63 -1.60 0.00
GARDNVLA_35_KV_LD 355827	32.43 -1.30 0.00	32.89 -0.93 0.00	32.67 -0.68 0.00	31.46 -0.71 0.00	35.61 -0.68 0.00	40.79 -0.72 0.00	40.36 -1.61 0.00	35.90 -1.97 0.00	31.07 -1.44 0.00	28.95 -1.52 0.00	30.25 -1.04 0.00	27.42 -0.90 0.00	28.17 -1.04 0.00	25.52 -1.07 0.00	20.33 -0.97 0.83	14.61 -0.70 0.43	23.21 -1.32 0.66	24.85 -1.36 2.86	35.53 -1.66 0.00	40.96 -2.63 0.00	37.31 -2.43 0.00	33.99 -2.09 3.18	32.53 -1.53 0.00	34.84 -1.40 0.00
GELCKHM___115KV_LOAD 80723	33.36 -0.37 0.00	33.51 -0.31 0.00	33.07 -0.27 0.00	31.88 -0.29 0.00	35.91 -0.39 0.00	41.08 -0.44 0.00	41.48 -0.48 0.00	37.37 -0.50 0.00	32.02 -0.49 0.00	29.94 -0.53 0.00	30.79 -0.50 0.00	27.92 -0.40 0.00	28.83 -0.38 0.00	26.26 -0.33 0.00	21.87 -0.27 0.00	15.55 -0.20 0.00	24.83 -0.36 0.00	28.70 -0.37 0.00	36.72 -0.47 0.00	42.99 -0.60 0.00	39.21 -0.53 0.00	38.76 -0.50 0.00	33.57 -0.49 0.00	35.68 -0.56 0.00
GENERAL___MILLS 23808	32.36 -1.37 0.00	32.81 -1.01 0.00	32.59 -0.76 0.00	31.39 -0.78 0.00	35.54 -0.76 0.00	40.70 -0.81 0.00	40.27 -1.69 0.00	35.82 -2.05 0.00	30.97 -1.54 0.00	28.87 -1.61 0.00	30.15 -1.14 0.00	27.33 -0.99 0.00	28.08 -1.13 0.00	25.44 -1.15 0.00	20.23 -1.05 0.86	14.55 -0.75 0.45	23.12 -1.39 0.68	24.68 -1.47 2.93	35.41 -1.78 0.00	40.84 -2.75 0.00	37.20 -2.54 0.00	33.79 -2.21 3.26	32.44 -1.62 0.00	34.74 -1.50 0.00
GE_PLASTICS___DRP 24183	34.14 0.41 0.00	34.16 0.33 0.00	33.62 0.28 0.00	32.50 0.33 0.00	36.65 0.35 0.00	41.91 0.39 0.00	42.45 0.49 0.00	38.39 0.52 0.00	32.82 0.30 0.00	30.77 0.30 0.00	31.49 0.20 0.00	28.54 0.22 0.00	29.44 0.23 0.00	26.92 0.33 0.00	22.45 0.32 0.00	16.06 0.31 0.00	25.75 0.56 0.00	29.77 0.69 0.00	37.95 0.76 0.00	44.43 0.84 0.00	40.60 0.86 0.00	40.26 0.99 0.00	35.18 1.12 0.00	37.40 1.17 0.00
GILBOA___1 23756	34.19 0.47 0.00	34.22 0.40 0.00	33.69 0.35 0.00	32.55 0.38 0.00	36.78 0.48 0.00	42.08 0.57 0.00	42.59 0.62 0.00	38.52 0.64 0.00	32.98 0.46 0.00	30.96 0.49 0.00	31.71 0.43 0.00	28.79 0.48 0.00	29.80 0.58 0.00	27.21 0.62 0.00	22.71 0.58 0.00	16.11 0.36 0.00	25.83 0.64 0.00	29.83 0.76 0.00	38.06 0.87 0.00	44.52 0.93 0.00	40.68 0.93 0.00	40.22 0.95 0.00	34.83 0.77 0.00	36.98 0.75 0.00
GILBOA___2 23757	34.19 0.47 0.00	34.22 0.40 0.00	33.69 0.35 0.00	32.55 0.38 0.00	36.78 0.48 0.00	42.08 0.57 0.00	42.59 0.62 0.00	38.52 0.64 0.00	32.98 0.46 0.00	30.96 0.49 0.00	31.71 0.43 0.00	28.79 0.48 0.00	29.80 0.58 0.00	27.21 0.62 0.00	22.71 0.58 0.00	16.11 0.36 0.00	25.83 0.64 0.00	29.83 0.76 0.00	38.06 0.87 0.00	44.52 0.93 0.00	40.68 0.93 0.00	40.22 0.95 0.00	34.83 0.77 0.00	36.98 0.75 0.00

GILBOA___3 23758	34.19 0.47 0.00	34.22 0.40 0.00	33.69 0.35 0.00	32.55 0.38 0.00	36.78 0.48 0.00	42.08 0.57 0.00	42.59 0.62 0.00	38.52 0.64 0.00	32.98 0.46 0.00	30.96 0.49 0.00	31.71 0.43 0.00	28.79 0.48 0.00	29.80 0.58 0.00	27.21 0.62 0.00	22.71 0.58 0.00	16.11 0.36 0.00	25.83 0.64 0.00	29.83 0.76 0.00	38.06 0.87 0.00	44.52 0.93 0.00	40.68 0.93 0.00	40.22 0.95 0.00	34.83 0.77 0.00	36.98 0.75 0.00
GILBOA___4 23759	34.19 0.47 0.00	34.22 0.40 0.00	33.69 0.35 0.00	32.55 0.38 0.00	36.78 0.48 0.00	42.08 0.57 0.00	42.59 0.62 0.00	38.52 0.64 0.00	32.98 0.46 0.00	30.96 0.49 0.00	31.71 0.43 0.00	28.79 0.48 0.00	29.80 0.58 0.00	27.21 0.62 0.00	22.71 0.58 0.00	16.11 0.36 0.00	25.83 0.64 0.00	29.83 0.76 0.00	38.06 0.87 0.00	44.52 0.93 0.00	40.68 0.93 0.00	40.22 0.95 0.00	34.83 0.77 0.00	36.98 0.75 0.00
GILBOA___ 23599	34.20 0.47 0.00	34.22 0.40 0.00	33.69 0.35 0.00	32.55 0.38 0.00	36.78 0.48 0.00	42.08 0.57 0.00	42.59 0.62 0.00	38.52 0.64 0.00	32.98 0.46 0.00	30.96 0.49 0.00	31.71 0.43 0.00	28.80 0.48 0.00	29.80 0.59 0.00	27.22 0.63 0.00	22.71 0.58 0.00	16.11 0.36 0.00	25.83 0.64 0.00	29.83 0.76 0.00	38.06 0.87 0.00	44.52 0.92 0.00	40.68 0.93 0.00	40.22 0.96 0.00	34.83 0.77 0.00	36.99 0.75 0.00
GINNA___ 23603	31.63 -2.10 0.00	31.88 -1.94 0.00	31.56 -1.78 0.00	30.40 -1.77 0.00	34.37 -1.93 0.00	39.37 -2.15 0.00	39.48 -2.49 0.00	35.35 -2.52 0.00	30.30 -2.22 0.00	28.20 -2.27 0.00	29.16 -2.12 0.00	26.46 -1.86 0.00	27.28 -1.93 0.00	24.80 -1.79 0.00	20.63 -1.50 0.00	14.68 -1.07 0.00	23.40 -1.79 0.00	27.20 -1.88 0.00	34.93 -2.26 0.00	40.59 -3.00 0.00	37.01 -2.74 0.00	36.68 -2.59 0.00	31.86 -2.20 0.00	33.96 -2.27 0.00
GLEN PARK___ 23778	34.46 0.73 0.00	34.87 1.05 0.00	34.37 1.03 0.00	32.92 0.75 0.00	37.09 0.80 0.00	42.46 0.94 0.00	43.52 1.56 0.00	39.07 1.20 0.00	33.07 0.55 0.00	30.05 -0.42 0.00	30.27 -1.01 0.00	27.08 -1.24 0.00	27.67 -1.54 0.00	25.04 -1.55 0.00	20.66 -1.47 0.00	14.57 -1.18 0.00	23.33 -1.86 0.00	27.31 -1.76 0.00	36.78 -0.41 0.00	43.97 0.38 0.00	40.49 0.54 -0.21	39.39 -0.09 -0.21	34.31 -0.32 -0.57	36.05 -0.19 0.00
GLENDALE_27_KV_LOAD 356172	35.29 1.56 -0.01	35.16 1.33 -0.01	34.54 1.19 -0.01	33.39 1.20 -0.01	37.83 1.53 0.00	43.43 1.91 -0.01	44.29 2.33 0.00	40.73 2.37 -0.49	36.67 1.79 -2.37	50.62 1.85 -18.30	58.67 1.82 -25.56	39.15 1.53 -9.30	35.02 1.51 -4.30	40.68 1.60 -12.50	62.35 1.49 -38.73	59.50 1.17 -42.59	57.48 1.96 -30.33	59.36 2.24 -28.04	61.15 2.72 -21.24	50.41 3.11 -3.71	45.35 2.82 -2.78	42.73 2.74 -0.72	36.18 2.11 -0.01	38.25 2.01 0.00
GLENWOOD_IC_1_G5 23712	45.36 1.82 -9.81	36.12 1.49 -0.81	34.58 1.24 0.00	33.41 1.23 0.00	37.83 1.53 0.00	43.46 1.95 0.00	44.35 2.38 0.00	40.11 2.24 0.00	34.17 1.66 0.00	32.09 1.62 0.00	32.89 1.60 0.00	29.68 1.36 0.00	30.50 1.29 0.00	27.92 1.33 0.00	23.51 1.37 0.00	16.84 1.10 0.00	27.11 1.92 0.00	31.25 2.17 0.00	39.88 2.68 0.00	46.95 3.36 0.00	42.87 3.12 0.00	42.25 2.98 0.00	36.24 2.19 0.00	38.24 2.00 0.00
GLENWOOD_IC_2_G1 23688	41.63 1.76 -6.14	35.72 1.39 -0.51	34.50 1.16 0.00	33.33 1.16 0.00	37.73 1.44 0.00	43.35 1.83 0.00	44.22 2.26 0.00	39.99 2.12 0.00	34.08 1.56 0.00	32.01 1.54 0.00	32.80 1.51 0.00	29.59 1.27 0.00	30.43 1.21 0.00	27.85 1.26 0.00	23.44 1.30 0.00	16.79 1.05 0.00	27.03 1.85 0.00	31.15 2.07 0.00	39.74 2.55 0.00	46.78 3.19 0.00	42.73 2.99 0.00	42.11 2.84 0.00	36.14 2.08 0.00	38.14 1.91 0.00
GLENWOOD_IC_3_G1 23689	41.63 1.76 -6.14	35.72 1.39 -0.51	34.50 1.16 0.00	33.33 1.16 0.00	37.73 1.44 0.00	43.35 1.83 0.00	44.22 2.26 0.00	39.99 2.12 0.00	34.08 1.56 0.00	32.01 1.54 0.00	32.80 1.51 0.00	29.59 1.27 0.00	30.43 1.21 0.00	27.85 1.26 0.00	23.44 1.30 0.00	16.79 1.05 0.00	27.03 1.85 0.00	31.15 2.07 0.00	39.74 2.55 0.00	46.78 3.19 0.00	42.73 2.99 0.00	42.11 2.84 0.00	36.14 2.08 0.00	38.14 1.91 0.00
GLENWOOD___4 23550	45.36 1.82 -9.81	36.12 1.49 -0.81	34.58 1.24 0.00	33.41 1.23 0.00	37.83 1.53 0.00	43.46 1.95 0.00	44.35 2.38 0.00	40.11 2.24 0.00	34.17 1.66 0.00	32.09 1.62 0.00	32.89 1.60 0.00	29.68 1.36 0.00	30.50 1.29 0.00	27.92 1.33 0.00	23.51 1.37 0.00	16.84 1.10 0.00	27.11 1.92 0.00	31.25 2.17 0.00	39.88 2.68 0.00	46.95 3.36 0.00	42.87 3.12 0.00	42.25 2.98 0.00	36.24 2.19 0.00	38.24 2.00 0.00
GLENWOOD___5 23614	45.36 1.82 -9.81	36.12 1.49 -0.81	34.58 1.24 0.00	33.41 1.23 0.00	37.83 1.53 0.00	43.46 1.95 0.00	44.35 2.38 0.00	40.11 2.24 0.00	34.17 1.66 0.00	32.09 1.62 0.00	32.89 1.60 0.00	29.68 1.36 0.00	30.50 1.29 0.00	27.92 1.33 0.00	23.51 1.37 0.00	16.84 1.10 0.00	27.11 1.92 0.00	31.25 2.17 0.00	39.88 2.68 0.00	46.95 3.36 0.00	42.87 3.12 0.00	42.25 2.98 0.00	36.24 2.19 0.00	38.24 2.00 0.00
GLOBAL GREEN_PORT_GT1 23814	-40.84 1.02 75.59	-49.95 0.79 84.57	-15.72 0.39 49.45	-26.31 0.43 58.91	10.30 0.56 26.56	37.84 2.21 5.89	45.15 3.19 0.00	34.51 2.72 6.08	34.50 1.99 0.00	32.23 1.76 0.00	18.06 1.59 14.81	29.71 1.39 0.00	30.45 1.24 0.00	27.82 1.23 0.00	23.70 1.57 0.00	17.06 1.31 0.00	27.59 2.40 0.00	31.39 2.31 0.00	40.01 2.82 0.00	47.77 4.18 0.00	43.83 4.09 0.00	43.28 4.01 0.00	36.76 2.70 0.00	38.54 2.31 0.00
GLOBE___DSASP 323697	31.25 -2.48 0.00	31.73 -2.09 0.00	31.52 -1.82 0.00	30.36 -1.82 0.00	34.34 -1.96 0.00	39.24 -2.28 0.00	38.60 -3.36 0.00	34.37 -3.49 0.01	29.74 -2.77 0.00	27.72 -2.76 0.00	29.04 -2.25 0.00	26.39 -1.93 0.00	27.18 -2.03 0.00	24.62 -1.97 0.00	19.30 -1.73 1.10	13.96 -1.22 0.57	22.18 -2.14 0.88	22.95 -2.35 3.77	34.22 -2.97 0.00	39.28 -4.31 0.00	35.89 -3.85 0.00	31.61 -3.46 4.19	31.50 -2.56 0.00	33.84 -2.39 0.00
GOETHSLN___LBMP 323567	34.81 1.08 0.00	34.70 0.87 0.00	34.11 0.77 0.00	32.97 0.80 0.00	37.38 1.09 0.00	42.86 1.34 0.00	43.67 1.71 0.00	39.65 1.78 0.00	33.79 1.28 0.00	31.88 1.41 0.00	32.64 1.35 0.00	29.42 1.10 0.00	30.24 1.03 0.00	27.81 1.22 0.00	23.31 1.18 0.00	16.70 0.95 0.00	26.78 1.60 0.00	30.91 1.83 0.00	39.38 2.19 0.00	46.06 2.47 0.00	41.96 2.22 0.00	41.41 2.14 0.00	35.67 1.61 0.00	37.74 1.50 0.00
GOLAH___69_KV_TB 1_2 80279	33.06 -0.67 0.00	33.43 -0.39 0.00	33.08 -0.26 0.00	31.92 -0.26 0.00	36.07 -0.23 0.00	41.33 -0.19 0.00	41.27 -0.69 0.00	36.84 -1.03 0.00	31.61 -0.91 0.00	29.31 -1.16 0.00	30.37 -0.91 0.00	27.54 -0.78 0.00	28.36 -0.85 0.00	25.77 -0.82 0.00	21.18 -0.72 0.24	15.14 -0.49 0.12	24.08 -0.92 0.19	27.40 -0.87 0.81	36.35 -0.84 0.00	42.20 -1.39 0.00	38.54 -1.21 0.00	37.35 -1.02 0.90	33.32 -0.74 0.00	35.56 -0.68 0.00

GOODYEAR_LAKE_HYD 323669	35.05 1.32 0.00	35.14 1.32 0.00	34.67 1.33 0.00	33.41 1.24 0.00	37.77 1.47 0.00	43.34 1.83 0.00	43.91 1.94 0.00	39.63 1.76 0.00	33.79 1.27 0.00	31.55 1.07 0.00	32.35 1.07 0.00	29.27 0.96 0.00	30.20 0.99 0.00	27.51 0.92 0.00	22.90 0.77 0.00	16.23 0.48 0.00	26.00 0.81 0.00	30.22 1.15 0.00	38.78 1.59 0.00	45.47 1.87 0.00	41.27 1.52 0.00	40.66 1.40 0.00	35.00 0.95 0.00	37.12 0.88 0.00
GOUDEY_I15_KV_TB6_REV_LBMP_C 345031	33.52 -0.20 0.00	33.67 -0.15 0.00	33.26 -0.08 0.00	32.06 -0.11 0.00	36.22 -0.08 0.00	41.45 -0.07 0.00	41.92 -0.05 0.00	37.80 -0.07 0.00	32.35 -0.17 0.00	30.25 -0.22 0.00	31.06 -0.22 0.00	28.14 -0.18 0.00	29.00 -0.21 0.00	26.42 -0.17 0.00	22.01 -0.12 0.00	15.63 -0.11 0.00	25.01 -0.18 0.00	28.95 -0.12 0.00	37.05 -0.14 0.00	43.45 -0.14 0.00	39.58 -0.16 0.00	39.12 -0.15 0.00	33.79 -0.27 0.00	35.85 -0.39 0.00
GOUDEY___7 23579	33.52 -0.20 0.00	33.67 -0.15 0.00	33.26 -0.08 0.00	32.06 -0.11 0.00	36.22 -0.08 0.00	41.45 -0.07 0.00	41.92 -0.05 0.00	37.80 -0.07 0.00	32.35 -0.17 0.00	30.25 -0.22 0.00	31.06 -0.22 0.00	28.14 -0.18 0.00	29.00 -0.21 0.00	26.42 -0.17 0.00	22.01 -0.12 0.00	15.63 -0.11 0.00	25.01 -0.18 0.00	28.95 -0.12 0.00	37.05 -0.14 0.00	43.45 -0.14 0.00	39.58 -0.16 0.00	39.12 -0.15 0.00	33.79 -0.27 0.00	35.85 -0.39 0.00
GOUDEY___8 23580	33.52 -0.20 0.00	33.67 -0.15 0.00	33.26 -0.08 0.00	32.06 -0.11 0.00	36.22 -0.08 0.00	41.45 -0.07 0.00	41.92 -0.05 0.00	37.80 -0.07 0.00	32.35 -0.17 0.00	30.25 -0.22 0.00	31.06 -0.22 0.00	28.14 -0.18 0.00	29.00 -0.21 0.00	26.42 -0.17 0.00	22.01 -0.12 0.00	15.63 -0.11 0.00	25.01 -0.18 0.00	28.95 -0.12 0.00	37.05 -0.14 0.00	43.45 -0.14 0.00	39.58 -0.16 0.00	39.12 -0.15 0.00	33.79 -0.27 0.00	35.85 -0.39 0.00
GOWANUS_GT1_1 24077	57.27 1.65 -21.89	56.25 1.40 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.79 -54.82	65.18 1.53 -35.33	61.46 1.52 -30.73	67.93 1.58 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.34 2.18 -68.08	94.66 2.68 -54.79	99.26 3.12 -52.55	99.40 2.85 -56.81	98.83 2.78 -56.79	60.62 2.17 -24.39	55.28 2.09 -16.95
GOWANUS_GT1_2 24078	57.27 1.65 -21.89	56.25 1.40 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.79 -54.82	65.18 1.53 -35.33	61.46 1.52 -30.73	67.93 1.58 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.34 2.18 -68.08	94.66 2.68 -54.79	99.26 3.12 -52.55	99.40 2.85 -56.81	98.83 2.78 -56.79	60.62 2.17 -24.39	55.28 2.09 -16.95
GOWANUS_GT1_3 24079	57.27 1.65 -21.89	56.25 1.40 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.79 -54.82	65.18 1.53 -35.33	61.46 1.52 -30.73	67.93 1.58 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.34 2.18 -68.08	94.66 2.68 -54.79	99.26 3.12 -52.55	99.40 2.85 -56.81	98.83 2.78 -56.79	60.62 2.17 -24.39	55.28 2.09 -16.95
GOWANUS_GT1_4 24080	57.27 1.65 -21.89	56.25 1.40 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.79 -54.82	65.18 1.53 -35.33	61.46 1.52 -30.73	67.93 1.58 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.34 2.18 -68.08	94.66 2.68 -54.79	99.26 3.12 -52.55	99.40 2.85 -56.81	98.83 2.78 -56.79	60.62 2.17 -24.39	55.28 2.09 -16.95
GOWANUS_GT1_5 24084	57.27 1.65 -21.89	56.25 1.40 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.79 -54.82	65.18 1.53 -35.33	61.46 1.52 -30.73	67.93 1.58 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.34 2.18 -68.08	94.66 2.68 -54.79	99.26 3.12 -52.55	99.40 2.85 -56.81	98.83 2.78 -56.79	60.62 2.17 -24.39	55.28 2.09 -16.95
GOWANUS_GT1_6 24111	57.27 1.65 -21.89	56.25 1.40 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.79 -54.82	65.18 1.53 -35.33	61.46 1.52 -30.73	67.93 1.58 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.34 2.18 -68.08	94.66 2.68 -54.79	99.26 3.12 -52.55	99.40 2.85 -56.81	98.83 2.78 -56.79	60.62 2.17 -24.39	55.28 2.09 -16.95
GOWANUS_GT1_7 24112	57.27 1.65 -21.89	56.25 1.40 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.79 -54.82	65.18 1.53 -35.33	61.46 1.52 -30.73	67.93 1.58 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.34 2.18 -68.08	94.66 2.68 -54.79	99.26 3.12 -52.55	99.40 2.85 -56.81	98.83 2.78 -56.79	60.62 2.17 -24.39	55.28 2.09 -16.95
GOWANUS_GT1_8 24113	57.27 1.65 -21.89	56.25 1.40 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.79 -54.82	65.18 1.53 -35.33	61.46 1.52 -30.73	67.93 1.58 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.34 2.18 -68.08	94.66 2.68 -54.79	99.26 3.12 -52.55	99.40 2.85 -56.81	98.83 2.78 -56.79	60.62 2.17 -24.39	55.28 2.09 -16.95
GOWANUS_GT2_1 24114	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
GOWANUS_GT2_2 24115	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
GOWANUS_GT2_3 24116	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95

GOWANUS_GT2_4 24117	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.91	65.18	61.47	67.94	93.03	98.69	98.71	99.35	94.67	99.27	99.41	98.83	60.63	55.29
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.84	1.81	1.53	1.53	1.59	1.46	1.14	1.92	2.19	2.68	3.13	2.86	2.78	2.18	2.10
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT2_5 24118	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.91	65.18	61.47	67.94	93.03	98.69	98.71	99.35	94.67	99.27	99.41	98.83	60.63	55.29
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.84	1.81	1.53	1.53	1.59	1.46	1.14	1.92	2.19	2.68	3.13	2.86	2.78	2.18	2.10
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT2_6 24119	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.91	65.18	61.47	67.94	93.03	98.69	98.71	99.35	94.67	99.27	99.41	98.83	60.63	55.29
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.84	1.81	1.53	1.53	1.59	1.46	1.14	1.92	2.19	2.68	3.13	2.86	2.78	2.18	2.10
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT2_7 24120	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.91	65.18	61.47	67.94	93.03	98.69	98.71	99.35	94.67	99.27	99.41	98.83	60.63	55.29
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.84	1.81	1.53	1.53	1.59	1.46	1.14	1.92	2.19	2.68	3.13	2.86	2.78	2.18	2.10
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT2_8 24121	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.91	65.18	61.47	67.94	93.03	98.69	98.71	99.35	94.67	99.27	99.41	98.83	60.63	55.29
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.84	1.81	1.53	1.53	1.59	1.46	1.14	1.92	2.19	2.68	3.13	2.86	2.78	2.18	2.10
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT3_1 24122	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.45	67.93	93.03	98.69	98.71	99.33	94.66	99.26	99.40	98.83	60.61	55.27
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.83	1.80	1.53	1.52	1.58	1.46	1.14	1.91	2.17	2.68	3.12	2.85	2.78	2.17	2.09
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT3_2 24123	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.45	67.93	93.03	98.69	98.71	99.33	94.66	99.26	99.40	98.83	60.61	55.27
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.83	1.80	1.53	1.52	1.58	1.46	1.14	1.91	2.17	2.68	3.12	2.85	2.78	2.17	2.09
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT3_3 24124	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.45	67.93	93.03	98.69	98.71	99.33	94.66	99.26	99.40	98.83	60.61	55.27
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.83	1.80	1.53	1.52	1.58	1.46	1.14	1.91	2.17	2.68	3.12	2.85	2.78	2.17	2.09
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT3_4 24125	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.45	67.93	93.03	98.69	98.71	99.33	94.66	99.26	99.40	98.83	60.61	55.27
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.83	1.80	1.53	1.52	1.58	1.46	1.14	1.91	2.17	2.68	3.12	2.85	2.78	2.17	2.09
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT3_5 24126	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.45	67.93	93.03	98.69	98.71	99.33	94.66	99.26	99.40	98.83	60.61	55.27
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.83	1.80	1.53	1.52	1.58	1.46	1.14	1.91	2.17	2.68	3.12	2.85	2.78	2.17	2.09
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT3_6 24127	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.45	67.93	93.03	98.69	98.71	99.33	94.66	99.26	99.40	98.83	60.61	55.27
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.83	1.80	1.53	1.52	1.58	1.46	1.14	1.91	2.17	2.68	3.12	2.85	2.78	2.17	2.09
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT3_7 24128	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.45	67.93	93.03	98.69	98.71	99.33	94.66	99.26	99.40	98.83	60.61	55.27
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.83	1.80	1.53	1.52	1.58	1.46	1.14	1.91	2.17	2.68	3.12	2.85	2.78	2.17	2.09
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT3_8 24129	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.45	67.93	93.03	98.69	98.71	99.33	94.66	99.26	99.40	98.83	60.61	55.27
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.83	1.80	1.53	1.52	1.58	1.46	1.14	1.91	2.17	2.68	3.12	2.85	2.78	2.17	2.09
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT4_1 24130	57.27	56.25	55.88	55.52	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.47	67.94	93.04	98.69	98.71	99.35	94.66	99.27	99.40	98.84	60.63	55.29
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.46	1.82	1.83	1.80	1.53	1.53	1.59	1.47	1.14	1.91	2.19	2.68	3.13	2.86	2.79	2.18	2.11
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
GOWANUS_GT4_2 24131	57.27	56.25	55.88	55.52	56.27	57.85	56.37	57.08	58.81	76.30	87.90	65.18	61.47	67.94	93.04	98.69	98.71	99.35	94.66	99.27	99.40	98.84	60.63	55.29
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.46	1.82	1.83	1.80	1.53	1.53	1.59	1.47	1.14	1.91	2.19	2.68	3.13	2.86	2.79	2.18	2.11
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95

GOWANUS_GT4_3 24132	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.80 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.04 1.47 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.35 2.19 -68.08	94.66 2.68 -54.79	99.27 3.13 -52.55	99.40 2.86 -56.81	98.84 2.79 -56.79	60.63 2.18 -24.39	55.29 2.11 -16.95
GOWANUS_GT4_4 24133	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.80 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.04 1.47 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.35 2.19 -68.08	94.66 2.68 -54.79	99.27 3.13 -52.55	99.40 2.86 -56.81	98.84 2.79 -56.79	60.63 2.18 -24.39	55.29 2.11 -16.95
GOWANUS_GT4_5 24134	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.80 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.04 1.47 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.35 2.19 -68.08	94.66 2.68 -54.79	99.27 3.13 -52.55	99.40 2.86 -56.81	98.84 2.79 -56.79	60.63 2.18 -24.39	55.29 2.11 -16.95
GOWANUS_GT4_6 24135	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.80 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.04 1.47 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.35 2.19 -68.08	94.66 2.68 -54.79	99.27 3.13 -52.55	99.40 2.86 -56.81	98.84 2.79 -56.79	60.63 2.18 -24.39	55.29 2.11 -16.95
GOWANUS_GT4_7 24136	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.80 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.04 1.47 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.35 2.19 -68.08	94.66 2.68 -54.79	99.27 3.13 -52.55	99.40 2.86 -56.81	98.84 2.79 -56.79	60.63 2.18 -24.39	55.29 2.11 -16.95
GOWANUS_GT4_8 24137	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.80 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.04 1.47 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.35 2.19 -68.08	94.66 2.68 -54.79	99.27 3.13 -52.55	99.40 2.86 -56.81	98.84 2.79 -56.79	60.63 2.18 -24.39	55.29 2.11 -16.95
GREENBSH_115KV_TB3 55895	34.03 0.30 0.00	34.04 0.21 0.00	33.49 0.14 0.00	32.40 0.22 0.00	36.49 0.19 0.00	41.71 0.20 0.00	42.21 0.24 0.00	38.17 0.29 0.00	32.65 0.13 0.00	30.61 0.14 0.00	31.30 0.02 0.00	28.38 0.06 0.00	29.28 0.07 0.00	26.79 0.20 0.00	22.33 0.20 0.00	16.02 0.27 0.00	25.70 0.52 0.00	29.71 0.64 0.00	37.85 0.66 0.00	44.29 0.70 0.00	40.49 0.74 0.00	40.23 0.96 0.00	35.35 1.30 0.00	37.60 1.36 0.00
GREENIDGE_115KV_TB5 80291	33.25 -0.48 0.00	33.55 -0.28 0.00	33.22 -0.12 0.00	32.04 -0.13 0.00	36.25 -0.04 0.00	41.58 0.06 0.00	41.95 -0.02 0.00	37.72 -0.15 0.00	32.18 -0.34 0.00	29.82 -0.66 0.00	30.46 -0.83 0.00	27.48 -0.84 0.00	28.28 -0.93 0.00	25.72 -0.87 0.00	23.41 -0.75 -2.03	16.24 -0.56 -1.06	25.90 -0.90 -1.62	35.15 -0.87 -6.95	36.50 -0.69 0.00	43.05 -0.54 0.00	39.19 -0.55 0.00	46.34 -0.67 -7.74	33.34 -0.72 0.00	35.40 -0.83 0.00
GREENIDGE___3 23582	33.25 -0.48 0.00	33.55 -0.28 0.00	33.22 -0.12 0.00	32.04 -0.13 0.00	36.25 -0.04 0.00	41.58 0.06 0.00	41.95 -0.02 0.00	37.72 -0.15 0.00	32.18 -0.34 0.00	29.82 -0.66 0.00	30.46 -0.83 0.00	27.48 -0.84 0.00	28.28 -0.93 0.00	25.72 -0.87 0.00	23.41 -0.75 -2.03	16.24 -0.56 -1.06	25.90 -0.90 -1.62	35.15 -0.87 -6.95	36.50 -0.69 0.00	43.05 -0.54 0.00	39.19 -0.55 0.00	46.34 -0.67 -7.74	33.34 -0.72 0.00	35.40 -0.83 0.00
GREENIDGE___4 23583	33.25 -0.48 0.00	33.55 -0.28 0.00	33.22 -0.12 0.00	32.04 -0.14 0.00	36.25 -0.04 0.00	41.58 0.06 0.00	41.95 -0.02 0.00	37.72 -0.15 0.00	32.18 -0.34 0.00	29.82 -0.65 0.00	30.46 -0.83 0.00	27.48 -0.84 0.00	28.28 -0.93 0.00	25.72 -0.87 0.00	23.41 -0.75 -2.03	16.25 -0.56 -1.06	25.89 -0.91 -1.62	35.15 -0.87 -6.95	36.52 -0.67 0.00	43.06 -0.53 0.00	39.19 -0.55 0.00	46.34 -0.67 -7.74	33.34 -0.72 0.00	35.40 -0.84 0.00
GREENLWN_69_KV_BK 3 55738	37.42 1.34 -2.35	35.16 1.15 -0.19	34.17 0.83 0.00	33.01 0.84 0.00	37.35 1.06 0.00	42.91 1.40 0.00	43.75 1.78 0.00	39.49 1.62 0.00	33.59 1.08 0.00	31.55 1.08 0.00	32.40 1.11 0.00	29.26 0.94 0.00	30.06 0.85 0.00	27.50 0.91 0.00	23.20 1.07 0.00	16.64 0.89 0.00	26.81 1.62 0.00	30.86 1.79 0.00	39.37 2.18 0.00	46.51 2.92 0.00	42.53 2.78 0.00	41.90 2.64 0.00	35.89 1.83 0.00	37.83 1.59 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.80 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.04 1.47 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.35 2.19 -68.08	94.66 2.68 -54.79	99.27 3.13 -52.55	99.40 2.86 -56.81	98.84 2.79 -56.79	60.63 2.18 -24.39	55.29 2.11 -16.95
GRISSOM___SOLAR 323813	35.67 1.94 0.00	35.76 1.94 0.00	35.24 1.90 0.00	34.00 1.82 0.00	38.43 2.14 0.00	44.07 2.55 0.00	44.65 2.69 0.00	40.10 2.23 0.00	33.36 0.84 0.00	30.62 0.15 0.00	31.20 -0.08 0.00	28.27 -0.05 0.00	29.18 -0.03 0.00	26.65 0.06 0.00	22.16 0.02 0.00	15.74 -0.01 0.00	25.20 0.01 0.00	29.68 0.60 0.00	39.13 1.94 0.00	46.35 2.76 0.00	42.25 2.51 0.00	41.61 2.34 0.00	35.87 1.81 0.00	38.11 1.87 0.00
GROVEVILLE___HYD 323602	35.22 1.50 0.00	35.17 1.35 0.00	34.59 1.25 0.00	33.44 1.27 0.00	37.88 1.58 0.00	43.45 1.93 0.00	44.25 2.29 0.00	40.11 2.24 0.00	34.14 1.63 0.00	32.00 1.53 0.00	32.63 1.35 0.00	29.44 1.12 0.00	30.31 1.10 0.00	27.74 1.15 0.00	23.22 1.08 0.00	16.62 0.87 0.00	26.71 1.53 0.00	30.91 1.83 0.00	39.46 2.27 0.00	46.25 2.66 0.00	42.19 2.45 0.00	41.63 2.37 0.00	35.89 1.83 0.00	38.00 1.77 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.56 -0.16 0.00	33.71 -0.11 0.00	33.27 -0.07 0.00	32.07 -0.11 0.00	36.14 -0.15 0.00	41.35 -0.16 0.00	41.75 -0.22 0.00	37.62 -0.25 0.00	32.22 -0.29 0.00	30.12 -0.35 0.00	30.94 -0.35 0.00	28.06 -0.26 0.00	28.96 -0.25 0.00	26.38 -0.21 0.00	21.97 -0.16 0.00	15.62 -0.13 0.00	24.96 -0.23 0.00	28.88 -0.20 0.00	36.97 -0.22 0.00	43.28 -0.31 0.00	39.48 -0.27 0.00	39.02 -0.24 0.00	33.77 -0.29 0.00	35.89 -0.35 0.00

HAMLTNNY_34_KV_TB 80303	33.63 -0.10 0.00	33.78 -0.04 0.00	33.36 0.02 0.00	32.13 -0.04 0.00	36.23 -0.07 0.00	41.48 -0.04 0.00	41.84 -0.12 0.00	37.70 -0.17 0.00	32.26 -0.26 0.00	30.12 -0.35 0.00	30.90 -0.38 0.00	27.99 -0.33 0.00	28.88 -0.33 0.00	26.31 -0.28 0.00	21.93 -0.21 0.00	15.59 -0.16 0.00	24.92 -0.27 0.00	28.86 -0.21 0.00	36.98 -0.21 0.00	43.32 -0.27 0.00	39.51 -0.23 0.00	39.05 -0.22 0.00	33.81 -0.25 0.00	35.93 -0.31 0.00
HAMPSHIRE___PAPER_HYD 323593	33.48 -0.25 0.00	33.77 -0.05 0.00	33.28 -0.06 0.00	31.97 -0.20 0.00	36.08 -0.22 0.00	41.27 -0.24 0.00	42.00 0.03 0.00	37.82 -0.05 0.00	32.41 -0.11 0.00	29.92 -0.55 0.00	30.45 -0.83 0.00	27.33 -0.99 0.00	27.97 -1.24 0.00	25.25 -1.34 0.00	20.83 -1.31 0.00	14.71 -1.04 0.00	23.53 -1.66 0.00	27.34 -1.74 0.00	35.97 -1.22 0.00	42.74 -0.85 0.00	39.49 -0.79 -0.54	38.71 -1.11 -0.55	34.55 -1.01 -1.50	35.39 -0.85 0.00
HARDSCRABBLE_WT_PWR 323673	33.57 -0.16 0.00	33.59 -0.23 0.00	33.06 -0.28 0.00	31.95 -0.23 0.00	36.21 -0.09 0.00	41.51 -0.01 0.00	42.12 0.16 0.00	38.05 0.18 0.00	32.07 -0.44 0.00	29.72 -0.75 0.00	30.21 -1.07 0.00	27.33 -0.99 0.00	28.25 -0.96 0.00	25.86 -0.73 0.00	21.51 -0.62 0.00	15.37 -0.37 0.00	24.70 -0.49 0.00	28.91 -0.17 0.00	37.48 0.29 0.00	44.40 0.81 0.00	40.67 0.92 0.00	40.17 0.90 0.00	34.87 0.81 0.00	36.68 0.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.81 1.08 0.00	34.77 0.94 0.00	34.21 0.87 0.00	33.07 0.90 0.00	37.47 1.18 0.00	42.98 1.47 0.00	43.74 1.78 0.00	39.64 1.76 0.00	33.75 1.24 0.00	31.70 1.23 0.00	32.34 1.06 0.00	29.17 0.86 0.00	30.04 0.82 0.00	27.52 0.92 0.00	23.02 0.89 0.00	16.47 0.72 0.00	26.45 1.26 0.00	30.61 1.53 0.00	39.11 1.92 0.00	45.84 2.24 0.00	41.81 2.07 0.00	41.24 1.98 0.00	35.55 1.49 0.00	37.65 1.41 0.00
HARSNRAD_115KV_TB1 81005	31.78 -1.95 0.00	32.26 -1.57 0.00	32.04 -1.30 0.00	30.90 -1.28 0.00	35.01 -1.29 0.00	40.04 -1.47 0.00	39.44 -2.52 0.00	34.96 -2.92 0.00	30.20 -2.32 0.00	28.09 -2.38 0.00	29.38 -1.90 0.00	26.66 -1.66 0.00	27.39 -1.82 0.00	24.81 -1.78 0.00	19.17 -1.58 1.39	13.92 -1.10 0.72	22.12 -1.96 1.11	22.24 -2.08 4.76	34.66 -2.53 0.00	39.95 -3.64 0.00	36.48 -3.27 0.00	31.04 -2.93 5.30	31.95 -2.11 0.00	34.29 -1.95 0.00
HARZA MOOSE___RIVER 24016	34.26 0.53 0.00	34.54 0.72 0.00	34.02 0.68 0.00	32.70 0.52 0.00	36.87 0.57 0.00	42.20 0.68 0.00	43.02 1.06 0.00	38.85 0.98 0.00	33.18 0.66 0.00	30.62 0.15 0.00	31.10 -0.18 0.00	27.97 -0.34 0.00	28.68 -0.53 0.00	26.00 -0.59 0.00	21.52 -0.61 0.00	15.24 -0.50 0.00	24.43 -0.75 0.00	28.51 -0.56 0.00	37.25 0.06 0.00	44.14 0.55 0.00	40.47 0.57 -0.15	39.55 0.13 -0.16	34.45 -0.04 -0.43	36.32 0.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.39 -0.34 0.00	33.53 -0.29 0.00	33.10 -0.24 0.00	31.92 -0.25 0.00	35.94 -0.35 0.00	41.13 -0.39 0.00	41.53 -0.44 0.00	37.43 -0.44 0.00	32.07 -0.44 0.00	29.98 -0.49 0.00	30.84 -0.44 0.00	27.97 -0.35 0.00	28.88 -0.33 0.00	26.31 -0.28 0.00	21.91 -0.23 0.00	15.57 -0.18 0.00	24.88 -0.31 0.00	28.75 -0.32 0.00	36.78 -0.41 0.00	43.03 -0.56 0.00	39.25 -0.49 0.00	38.81 -0.46 0.00	33.59 -0.46 0.00	35.71 -0.53 0.00
HELLGATE_13_KV_LD 55870	35.15 1.41 -0.01	35.03 1.20 -0.01	34.42 1.07 -0.01	33.28 1.09 -0.01	37.69 1.40 0.00	43.26 1.74 -0.01	44.12 2.15 0.00	40.56 2.20 -0.49	36.51 1.63 -2.37	50.46 1.71 -18.28	58.49 1.67 -25.53	39.01 1.40 -9.29	34.87 1.37 -4.30	40.55 1.48 -12.48	62.22 1.41 -38.68	59.39 1.11 -42.54	57.34 1.86 -30.29	59.21 2.12 -28.01	60.96 2.56 -21.22	50.21 2.91 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.04 1.97 -0.01	38.11 1.87 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	35.15 1.41 -0.01	35.03 1.20 -0.01	34.42 1.07 -0.01	33.28 1.09 -0.01	37.69 1.40 0.00	43.26 1.74 -0.01	44.12 2.15 0.00	40.56 2.20 -0.49	36.51 1.63 -2.37	50.46 1.71 -18.28	58.49 1.67 -25.53	39.01 1.40 -9.29	34.87 1.37 -4.30	40.55 1.48 -12.48	62.22 1.41 -38.68	59.39 1.11 -42.54	57.34 1.86 -30.29	59.21 2.12 -28.01	60.96 2.56 -21.22	50.21 2.91 -3.71	45.16 2.64 -2.78	42.54 2.55 -0.72	36.04 1.97 -0.01	38.11 1.87 0.00
HEMPSTEAD____ 23647	45.95 1.57 -10.65	36.01 1.31 -0.88	34.40 1.06 0.00	33.24 1.06 0.00	37.62 1.32 0.00	43.22 1.71 0.00	44.12 2.16 0.00	39.89 2.01 0.00	33.98 1.47 0.00	31.92 1.44 0.00	32.70 1.41 0.00	29.50 1.19 0.00	30.32 1.11 0.00	27.75 1.16 0.00	23.37 1.24 0.00	16.75 1.00 0.00	26.98 1.79 0.00	31.08 2.00 0.00	39.65 2.46 0.00	46.73 3.14 0.00	42.68 2.94 0.00	42.06 2.79 0.00	36.06 2.01 0.00	38.04 1.80 0.00
HEWLETT_69_KV_BK3 55828	67.48 1.78 -31.97	38.07 1.61 -2.63	34.70 1.36 0.00	33.52 1.34 0.00	37.95 1.66 0.00	43.59 2.07 0.00	44.43 2.47 0.00	40.19 2.31 0.00	34.25 1.74 0.00	32.17 1.69 0.00	32.97 1.69 0.00	29.76 1.44 0.00	30.57 1.36 0.00	27.98 1.39 0.00	23.55 1.42 0.00	16.86 1.11 0.00	27.13 1.94 0.00	31.28 2.21 0.00	39.93 2.74 0.00	47.04 3.45 0.00	42.95 3.21 0.00	42.32 3.05 0.00	36.31 2.25 0.00	38.35 2.12 0.00
HICKLING___1 23621	32.89 -0.84 0.00	33.21 -0.62 0.00	32.91 -0.43 0.00	31.76 -0.42 0.00	35.94 -0.36 0.00	41.18 -0.34 0.00	41.62 -0.35 0.00	37.39 -0.48 0.00	31.90 -0.61 0.00	29.68 -0.79 0.00	30.46 -0.83 0.00	27.50 -0.82 0.00	28.30 -0.91 0.00	25.75 -0.84 0.00	22.10 -0.72 -0.69	15.56 -0.54 -0.36	24.81 -0.92 -0.55	30.49 -0.94 -2.35	36.18 -1.00 0.00	42.73 -0.86 0.00	38.81 -0.93 0.00	40.87 -1.02 -2.62	32.97 -1.08 0.00	34.98 -1.26 0.00
HICKLING___2 23622	32.89 -0.84 0.00	33.21 -0.62 0.00	32.91 -0.43 0.00	31.76 -0.42 0.00	35.94 -0.36 0.00	41.18 -0.34 0.00	41.62 -0.35 0.00	37.39 -0.48 0.00	31.90 -0.61 0.00	29.68 -0.79 0.00	30.46 -0.83 0.00	27.50 -0.82 0.00	28.30 -0.91 0.00	25.75 -0.84 0.00	22.10 -0.72 -0.69	15.56 -0.54 -0.36	24.81 -0.92 -0.55	30.49 -0.94 -2.35	36.18 -1.00 0.00	42.73 -0.86 0.00	38.81 -0.93 0.00	40.87 -1.02 -2.62	32.97 -1.08 0.00	34.98 -1.26 0.00
HIGH FALLS___HY 23754	35.32 1.59 0.00	35.27 1.45 0.00	34.70 1.36 0.00	33.54 1.37 0.00	38.03 1.73 0.00	43.66 2.14 0.00	44.46 2.50 0.00	40.32 2.45 0.00	34.31 1.79 0.00	32.09 1.62 0.00	32.63 1.34 0.00	29.36 1.05 0.00	30.21 1.01 0.00	27.66 1.07 0.00	23.15 1.01 0.00	16.54 0.79 0.00	26.59 1.40 0.00	30.85 1.78 0.00	39.54 2.35 0.00	46.43 2.84 0.00	42.38 2.64 0.00	41.77 2.50 0.00	35.89 1.83 0.00	37.98 1.75 0.00
HIGH_RIVER___SOLAR 323847	35.18 1.45 0.00	35.24 1.42 0.00	34.70 1.36 0.00	33.52 1.35 0.00	37.86 1.57 0.00	43.38 1.86 0.00	43.95 1.99 0.00	39.60 1.73 0.00	33.33 0.81 0.00	30.75 0.27 0.00	31.27 -0.01 0.00	28.30 -0.02 0.00	29.18 -0.03 0.00	26.64 0.04 0.00	22.16 0.02 0.00	15.80 0.05 0.00	25.39 0.20 0.00	29.78 0.71 0.00	38.83 1.64 0.00	45.81 2.22 0.00	41.82 2.07 0.00	41.28 2.02 0.00	35.77 1.71 0.00	38.01 1.78 0.00

HILLBURN___GT 23639	34.68 0.95 0.00	34.61 0.79 0.00	34.05 0.71 0.00	32.95 0.77 0.00	37.34 1.04 0.00	42.84 1.33 0.00	43.61 1.64 0.00	39.52 1.65 0.00	33.66 1.14 0.00	31.65 1.18 0.00	32.30 1.02 0.00	29.14 0.82 0.00	30.00 0.79 0.00	27.51 0.92 0.00	23.02 0.89 0.00	16.48 0.73 0.00	26.44 1.25 0.00	30.55 1.47 0.00	39.00 1.81 0.00	45.70 2.11 0.00	41.69 1.95 0.00	41.11 1.85 0.00	35.43 1.38 0.00	37.52 1.28 0.00
HILLSIDE_115KV_TB1 80332	32.65 -1.08 0.00	32.89 -0.93 0.00	32.57 -0.78 0.00	31.41 -0.76 0.00	35.53 -0.76 0.00	40.65 -0.87 0.00	41.13 -0.83 0.00	37.04 -0.84 0.00	31.66 -0.85 0.00	29.58 -0.89 0.00	30.38 -0.90 0.00	27.47 -0.85 0.00	28.29 -0.93 0.00	25.74 -0.85 0.00	22.07 -0.69 -0.63	15.55 -0.52 -0.33	24.82 -0.87 -0.50	30.30 -0.92 -2.14	36.07 -1.12 0.00	42.44 -1.15 0.00	38.55 -1.19 0.00	40.47 -1.18 -2.38	32.85 -1.21 0.00	34.83 -1.40 0.00
HISHELDN_WT_PWR 323625	31.55 -2.18 0.00	32.12 -1.71 0.00	31.93 -1.42 0.00	30.75 -1.43 0.00	34.88 -1.42 0.00	39.90 -1.62 0.00	39.59 -2.38 0.00	35.22 -2.65 0.00	30.22 -2.30 0.00	28.02 -2.45 0.00	28.97 -2.32 0.00	26.12 -2.20 0.00	26.82 -2.39 0.00	24.29 -2.30 0.00	13.28 -2.02 6.83	10.72 -1.48 3.56	17.25 -2.51 5.43	2.99 -2.70 23.39	34.20 -2.99 0.00	40.26 -3.34 0.00	36.33 -3.42 0.00	9.89 -3.33 26.04	31.16 -2.90 0.00	33.37 -2.87 0.00
HOLTSVILLE_IC_1 23690	37.03 1.37 -1.93	35.12 1.14 -0.16	34.18 0.84 0.00	33.01 0.83 0.00	37.35 1.06 0.00	43.02 1.51 0.00	43.92 1.95 0.00	39.59 1.72 0.00	33.73 1.21 0.00	31.63 1.16 0.00	32.35 1.07 0.00	29.23 0.91 0.00	30.01 0.80 0.00	27.43 0.84 0.00	23.26 1.13 0.00	16.70 0.95 0.00	26.96 1.78 0.00	30.88 1.80 0.00	39.37 2.18 0.00	46.67 3.08 0.00	42.72 2.98 0.00	42.12 2.85 0.00	35.96 1.90 0.00	37.81 1.57 0.00
HOLTSVILLE_IC_10 23699	42.02 1.52 -6.78	40.39 1.28 -5.29	37.30 0.97 -2.98	36.69 0.96 -3.56	39.10 1.20 -1.60	43.57 1.70 -0.36	44.11 2.15 0.00	40.15 1.90 -0.37	33.88 1.37 0.00	31.75 1.28 0.00	33.37 1.19 -0.90	29.33 1.01 0.00	30.10 0.89 0.00	27.50 0.91 0.00	23.32 1.19 0.00	16.74 0.99 0.00	27.05 1.86 0.00	30.99 1.91 0.00	39.50 2.31 0.00	46.88 3.29 0.00	42.93 3.18 0.00	42.32 3.05 0.00	36.10 2.04 0.00	37.94 1.70 0.00
HOLTSVILLE_IC_2 23691	37.03 1.37 -1.93	35.12 1.14 -0.16	34.18 0.84 0.00	33.01 0.83 0.00	37.35 1.06 0.00	43.02 1.51 0.00	43.92 1.95 0.00	39.59 1.72 0.00	33.73 1.21 0.00	31.63 1.16 0.00	32.35 1.07 0.00	29.23 0.91 0.00	30.01 0.80 0.00	27.43 0.84 0.00	23.26 1.13 0.00	16.70 0.95 0.00	26.96 1.78 0.00	30.88 1.80 0.00	39.37 2.18 0.00	46.67 3.08 0.00	42.72 2.98 0.00	42.12 2.85 0.00	35.96 1.90 0.00	37.81 1.57 0.00
HOLTSVILLE_IC_3 23692	37.03 1.37 -1.93	35.12 1.14 -0.16	34.18 0.84 0.00	33.01 0.83 0.00	37.35 1.06 0.00	43.02 1.51 0.00	43.92 1.95 0.00	39.59 1.72 0.00	33.73 1.21 0.00	31.63 1.16 0.00	32.35 1.07 0.00	29.23 0.91 0.00	30.01 0.80 0.00	27.43 0.84 0.00	23.26 1.13 0.00	16.70 0.95 0.00	26.96 1.78 0.00	30.88 1.80 0.00	39.37 2.18 0.00	46.67 3.08 0.00	42.72 2.98 0.00	42.12 2.85 0.00	35.96 1.90 0.00	37.81 1.57 0.00
HOLTSVILLE_IC_4 23693	37.03 1.37 -1.93	35.12 1.14 -0.16	34.18 0.84 0.00	33.01 0.83 0.00	37.35 1.06 0.00	43.02 1.51 0.00	43.92 1.95 0.00	39.59 1.72 0.00	33.73 1.21 0.00	31.63 1.16 0.00	32.35 1.07 0.00	29.23 0.91 0.00	30.01 0.80 0.00	27.43 0.84 0.00	23.26 1.13 0.00	16.70 0.95 0.00	26.96 1.78 0.00	30.88 1.80 0.00	39.37 2.18 0.00	46.67 3.08 0.00	42.72 2.98 0.00	42.12 2.85 0.00	35.96 1.90 0.00	37.81 1.57 0.00
HOLTSVILLE_IC_5 23694	37.03 1.37 -1.93	35.12 1.14 -0.16	34.18 0.84 0.00	33.01 0.83 0.00	37.35 1.06 0.00	43.02 1.51 0.00	43.92 1.95 0.00	39.59 1.72 0.00	33.73 1.21 0.00	31.63 1.16 0.00	32.35 1.07 0.00	29.23 0.91 0.00	30.01 0.80 0.00	27.43 0.84 0.00	23.26 1.13 0.00	16.70 0.95 0.00	26.96 1.78 0.00	30.88 1.80 0.00	39.37 2.18 0.00	46.67 3.08 0.00	42.72 2.98 0.00	42.12 2.85 0.00	35.96 1.90 0.00	37.81 1.57 0.00
HOLTSVILLE_IC_6 23695	42.02 1.52 -6.78	40.39 1.28 -5.29	37.30 0.97 -2.98	36.69 0.96 -3.56	39.10 1.20 -1.60	43.57 1.70 -0.36	44.11 2.15 0.00	40.15 1.90 -0.37	33.88 1.37 0.00	31.75 1.28 0.00	33.37 1.19 -0.90	29.33 1.01 0.00	30.10 0.89 0.00	27.50 0.91 0.00	23.32 1.19 0.00	16.74 0.99 0.00	27.05 1.86 0.00	30.99 1.91 0.00	39.50 2.31 0.00	46.88 3.29 0.00	42.93 3.18 0.00	42.32 3.05 0.00	36.10 2.04 0.00	37.94 1.70 0.00
HOLTSVILLE_IC_7 23696	42.02 1.52 -6.78	40.39 1.28 -5.29	37.30 0.97 -2.98	36.69 0.96 -3.56	39.10 1.20 -1.60	43.57 1.70 -0.36	44.11 2.15 0.00	40.15 1.90 -0.37	33.88 1.37 0.00	31.75 1.28 0.00	33.37 1.19 -0.90	29.33 1.01 0.00	30.10 0.89 0.00	27.50 0.91 0.00	23.32 1.19 0.00	16.74 0.99 0.00	27.05 1.86 0.00	30.99 1.91 0.00	39.50 2.31 0.00	46.88 3.29 0.00	42.93 3.18 0.00	42.32 3.05 0.00	36.10 2.04 0.00	37.94 1.70 0.00
HOLTSVILLE_IC_8 23697	42.02 1.52 -6.78	40.39 1.28 -5.29	37.30 0.97 -2.98	36.69 0.96 -3.56	39.10 1.20 -1.60	43.57 1.70 -0.36	44.11 2.15 0.00	40.15 1.90 -0.37	33.88 1.37 0.00	31.75 1.28 0.00	33.37 1.19 -0.90	29.33 1.01 0.00	30.10 0.89 0.00	27.50 0.91 0.00	23.32 1.19 0.00	16.74 0.99 0.00	27.05 1.86 0.00	30.99 1.91 0.00	39.50 2.31 0.00	46.88 3.29 0.00	42.93 3.18 0.00	42.32 3.05 0.00	36.10 2.04 0.00	37.94 1.70 0.00
HOLTSVILLE_IC_9 23698	42.02 1.52 -6.78	40.39 1.28 -5.29	37.30 0.97 -2.98	36.69 0.96 -3.56	39.10 1.20 -1.60	43.57 1.70 -0.36	44.11 2.15 0.00	40.15 1.90 -0.37	33.88 1.37 0.00	31.75 1.28 0.00	33.37 1.19 -0.90	29.33 1.01 0.00	30.10 0.89 0.00	27.50 0.91 0.00	23.32 1.19 0.00	16.74 0.99 0.00	27.05 1.86 0.00	30.99 1.91 0.00	39.50 2.31 0.00	46.88 3.29 0.00	42.93 3.18 0.00	42.32 3.05 0.00	36.10 2.04 0.00	37.94 1.70 0.00
HOMER_HL_115KV_TB2 355744	32.75 -0.97 0.00	33.17 -0.66 0.00	32.99 -0.35 0.00	31.82 -0.35 0.00	35.89 -0.40 0.00	40.90 -0.62 0.00	40.85 -1.11 0.00	36.68 -1.19 0.00	31.62 -0.90 0.00	29.51 -0.96 0.00	30.68 -0.60 0.00	27.79 -0.52 0.00	28.45 -0.76 0.00	25.79 -0.80 0.00	21.26 -0.87 0.00	15.07 -0.68 0.00	23.90 -1.29 0.00	27.59 -1.49 0.00	35.32 -1.87 0.00	41.15 -2.44 0.00	37.44 -2.30 0.00	37.28 -1.99 0.00	32.59 -1.47 0.00	34.79 -1.45 0.00
HOWARD_WT_PWR 323690	31.55 -2.18 0.00	32.32 -1.50 0.00	32.20 -1.14 0.00	31.08 -1.09 0.00	35.36 -0.93 0.00	40.59 -0.93 0.00	40.65 -1.32 0.00	36.24 -1.63 0.00	30.98 -1.53 0.00	28.70 -1.77 0.00	29.27 -2.02 0.00	26.05 -2.27 0.00	26.96 -2.25 0.00	24.47 -2.12 0.00	24.56 -1.92 -4.35	16.59 -1.43 -2.26	26.01 -2.63 -3.46	40.94 -3.02 -14.88	33.96 -3.23 0.00	41.29 -2.30 0.00	37.46 -2.29 0.00	53.07 -2.78 -16.58	31.27 -2.78 0.00	33.32 -2.92 0.00

HQ_GEN_CEDARS 23644	34.12 0.39 0.00	34.27 0.45 0.00	33.81 0.47 0.00	32.59 0.41 0.00	36.80 0.50 0.00	42.09 0.58 0.00	42.46 0.49 0.00	38.29 0.42 0.00	33.10 0.58 0.00	30.95 0.47 0.00	31.78 0.49 0.00	28.65 0.33 0.00	29.42 0.21 0.00	26.53 -0.07 0.00	21.92 -0.21 0.00	15.54 -0.21 0.00	24.81 -0.38 0.00	28.57 -0.51 0.00	36.95 -0.24 0.00	43.45 -0.14 0.00	39.72 -0.29 -0.26	39.19 -0.34 -0.27	34.63 -0.14 -0.72	36.27 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	34.12 0.39 0.00	34.27 0.45 0.00	33.81 0.47 0.00	32.59 0.41 0.00	36.80 0.50 0.00	42.09 0.58 0.00	42.46 0.49 0.00	38.29 0.41 0.00	33.10 0.58 0.00	30.95 0.47 0.00	31.78 0.49 0.00	28.65 0.33 0.00	29.42 0.21 0.00	26.53 -0.07 0.00	21.92 -0.21 0.00	15.54 -0.21 0.00	24.81 -0.37 0.00	28.57 -0.51 0.00	36.95 -0.24 0.00	43.45 -0.14 0.00	39.72 -0.29 -0.26	39.19 -0.34 -0.27	34.63 -0.14 -0.72	36.27 0.03 0.00
HQ_GEN_IMPORT 323601	33.87 0.14 0.00	34.00 0.18 0.00	33.52 0.17 0.00	32.33 0.16 0.00	36.49 0.19 0.00	41.73 0.21 0.00	42.10 0.14 0.00	37.98 0.11 0.00	32.81 0.29 0.00	30.75 0.28 0.00	31.61 0.33 0.00	28.55 0.23 0.00	29.39 0.19 0.00	26.86 0.04 -0.23	22.10 -0.03 0.00	15.70 -0.05 0.00	25.09 -0.10 0.00	28.89 -0.18 0.00	37.06 -0.13 0.00	43.51 -0.08 0.00	39.58 -0.16 0.00	39.08 -0.18 0.00	33.99 -0.07 0.00	36.27 0.03 0.00
HQ_GEN_WHEEL 23651	33.87 0.14 0.00	34.00 0.18 0.00	33.52 0.17 0.00	32.33 0.16 0.00	36.49 0.19 0.00	41.73 0.21 0.00	42.10 0.14 0.00	37.98 0.11 0.00	32.81 0.29 0.00	30.75 0.28 0.00	31.61 0.33 0.00	28.55 0.23 0.00	29.39 0.19 0.00	26.86 0.04 -0.23	22.10 -0.03 0.00	15.70 -0.05 0.00	25.09 -0.10 0.00	28.89 -0.18 0.00	37.06 -0.13 0.00	43.51 -0.08 0.00	39.58 -0.16 0.00	39.08 -0.18 0.00	33.99 -0.07 0.00	36.27 0.03 0.00
HUDSON_AVE_GT_3 23810	35.06 1.33 0.00	34.92 1.09 0.00	34.32 0.98 0.00	33.17 1.00 0.00	37.60 1.30 0.00	43.14 1.63 0.00	43.97 2.01 0.00	39.94 2.07 0.00	34.04 1.52 0.00	32.10 1.63 0.00	32.89 1.60 0.00	29.65 1.34 0.00	30.50 1.29 0.00	28.00 1.41 0.00	23.47 1.34 0.00	16.80 1.06 0.00	26.97 1.78 0.00	31.12 2.05 0.00	39.65 2.46 0.00	46.39 2.80 0.00	42.28 2.53 0.00	41.72 2.45 0.00	35.93 1.88 0.00	37.99 1.75 0.00
HUDSON_AVE_GT_4 23540	35.06 1.33 0.00	34.92 1.09 0.00	34.32 0.98 0.00	33.17 1.00 0.00	37.60 1.30 0.00	43.14 1.63 0.00	43.97 2.01 0.00	39.94 2.07 0.00	34.04 1.52 0.00	32.10 1.63 0.00	32.89 1.60 0.00	29.65 1.34 0.00	30.50 1.29 0.00	28.00 1.41 0.00	23.47 1.34 0.00	16.80 1.06 0.00	26.97 1.78 0.00	31.12 2.05 0.00	39.65 2.46 0.00	46.39 2.80 0.00	42.28 2.53 0.00	41.72 2.45 0.00	35.93 1.88 0.00	37.99 1.75 0.00
HUDSON_AVE_GT_5 23657	35.06 1.33 0.00	34.92 1.09 0.00	34.32 0.98 0.00	33.17 1.00 0.00	37.60 1.30 0.00	43.14 1.63 0.00	43.97 2.01 0.00	39.94 2.07 0.00	34.04 1.52 0.00	32.10 1.63 0.00	32.89 1.60 0.00	29.65 1.34 0.00	30.50 1.29 0.00	28.00 1.41 0.00	23.47 1.34 0.00	16.80 1.06 0.00	26.97 1.78 0.00	31.12 2.05 0.00	39.65 2.46 0.00	46.39 2.80 0.00	42.28 2.53 0.00	41.72 2.45 0.00	35.93 1.88 0.00	37.99 1.75 0.00
HUDSON_AVE_10 24168	34.89 1.16 0.00	34.73 0.90 0.00	34.13 0.79 0.00	32.99 0.82 0.00	37.40 1.11 0.00	42.91 1.39 0.00	43.74 1.78 0.00	39.77 1.90 0.00	33.89 1.37 0.00	31.96 1.50 0.00	32.76 1.48 0.00	29.53 1.21 0.00	30.38 1.17 0.00	27.88 1.29 0.00	23.37 1.23 0.00	16.74 0.99 0.00	26.86 1.67 0.00	30.99 1.92 0.00	39.48 2.29 0.00	46.19 2.60 0.00	42.11 2.37 0.00	41.57 2.30 0.00	35.81 1.75 0.00	37.84 1.61 0.00
HUDSON___115KV_TB 4 355613	34.76 1.03 0.00	34.78 0.96 0.00	34.22 0.88 0.00	33.11 0.94 0.00	37.34 1.04 0.00	42.75 1.24 0.00	43.35 1.39 0.00	39.20 1.32 0.00	33.33 0.81 0.00	30.99 0.52 0.00	31.61 0.33 0.00	28.59 0.27 0.00	29.48 0.27 0.00	26.95 0.36 0.00	22.45 0.32 0.00	16.08 0.33 0.00	25.83 0.64 0.00	29.97 0.90 0.00	38.53 1.34 0.00	45.33 1.73 0.00	41.48 1.74 0.00	41.13 1.86 0.00	36.03 1.98 0.00	38.31 2.07 0.00
HUNTER MOUNT___DRP 323613	34.94 1.21 0.00	34.98 1.16 0.00	34.42 1.08 0.00	33.29 1.12 0.00	37.53 1.24 0.00	43.00 1.49 0.00	43.61 1.65 0.00	39.42 1.55 0.00	33.51 0.99 0.00	31.10 0.63 0.00	31.73 0.45 0.00	28.68 0.36 0.00	29.56 0.35 0.00	27.01 0.42 0.00	22.48 0.35 0.00	16.10 0.35 0.00	25.87 0.68 0.00	30.07 1.00 0.00	38.73 1.54 0.00	45.58 1.99 0.00	41.71 1.96 0.00	41.36 2.10 0.00	36.23 2.18 0.00	38.51 2.28 0.00
HUNTINGTON_RES_REC 323705	37.20 1.38 -2.10	35.16 1.16 -0.17	34.20 0.85 0.00	33.02 0.85 0.00	37.36 1.06 0.00	42.98 1.47 0.00	43.86 1.89 0.00	39.56 1.69 0.00	33.66 1.14 0.00	31.56 1.09 0.00	32.34 1.06 0.00	29.21 0.89 0.00	29.99 0.78 0.00	27.42 0.83 0.00	23.19 1.06 0.00	16.64 0.89 0.00	26.85 1.67 0.00	30.87 1.80 0.00	39.40 2.21 0.00	46.65 3.05 0.00	42.69 2.95 0.00	42.07 2.80 0.00	35.96 1.90 0.00	37.84 1.60 0.00
HUNTLEY___63 23557	32.46 -1.27 0.00	32.92 -0.90 0.00	32.65 -0.69 0.00	31.48 -0.70 0.00	35.66 -0.64 0.00	40.83 -0.68 0.00	40.33 -1.64 0.00	36.16 -1.71 0.00	30.89 -1.62 0.00	28.62 -1.85 0.00	29.94 -1.35 0.00	27.15 -1.18 0.00	27.79 -1.42 0.00	25.18 -1.41 0.00	19.82 -1.27 1.04	14.32 -0.89 0.54	22.75 -1.61 0.83	23.81 -1.70 3.57	35.11 -2.09 0.00	40.42 -3.17 0.00	36.90 -2.84 0.00	32.79 -2.51 3.97	32.28 -1.78 0.00	34.62 -1.62 0.00
HUNTLEY___64 23558	32.46 -1.27 0.00	32.92 -0.90 0.00	32.65 -0.69 0.00	31.48 -0.70 0.00	35.66 -0.64 0.00	40.83 -0.68 0.00	40.33 -1.64 0.00	36.16 -1.71 0.00	30.89 -1.62 0.00	28.62 -1.85 0.00	29.94 -1.35 0.00	27.15 -1.18 0.00	27.79 -1.42 0.00	25.18 -1.41 0.00	19.82 -1.27 1.04	14.32 -0.89 0.54	22.75 -1.61 0.83	23.81 -1.70 3.57	35.11 -2.09 0.00	40.42 -3.17 0.00	36.90 -2.84 0.00	32.79 -2.51 3.97	32.28 -1.78 0.00	34.62 -1.62 0.00
HUNTLEY___65 23559	32.46 -1.27 0.00	32.92 -0.90 0.00	32.65 -0.69 0.00	31.48 -0.70 0.00	35.66 -0.64 0.00	40.83 -0.68 0.00	40.33 -1.64 0.00	36.16 -1.71 0.00	30.89 -1.62 0.00	28.62 -1.85 0.00	29.94 -1.35 0.00	27.15 -1.18 0.00	27.79 -1.42 0.00	25.18 -1.41 0.00	19.82 -1.27 1.04	14.32 -0.89 0.54	22.75 -1.61 0.83	23.81 -1.70 3.57	35.11 -2.09 0.00	40.42 -3.17 0.00	36.90 -2.84 0.00	32.79 -2.51 3.97	32.28 -1.78 0.00	34.62 -1.62 0.00
HUNTLEY___66 23560	32.46 -1.27 0.00	32.92 -0.90 0.00	32.65 -0.69 0.00	31.48 -0.70 0.00	35.66 -0.64 0.00	40.83 -0.68 0.00	40.33 -1.64 0.00	36.16 -1.71 0.00	30.89 -1.62 0.00	28.62 -1.85 0.00	29.94 -1.35 0.00	27.15 -1.18 0.00	27.79 -1.42 0.00	25.18 -1.41 0.00	19.82 -1.27 1.04	14.32 -0.89 0.54	22.75 -1.61 0.83	23.81 -1.70 3.57	35.11 -2.09 0.00	40.42 -3.17 0.00	36.90 -2.84 0.00	32.79 -2.51 3.97	32.28 -1.78 0.00	34.62 -1.62 0.00



HUNTLEY___67 23561	31.92 -1.80 0.00	32.39 -1.43 0.00	32.17 -1.17 0.00	30.99 -1.19 0.00	35.08 -1.22 0.00	40.13 -1.39 0.00	39.61 -2.36 0.00	35.19 -2.68 0.00	30.47 -2.05 0.00	28.41 -2.06 0.00	29.71 -1.57 0.00	26.97 -1.35 0.00	27.74 -1.47 0.00	25.13 -1.46 0.00	19.85 -1.29 1.00	14.32 -0.91 0.52	22.74 -1.66 0.79	23.88 -1.78 3.41	34.96 -2.23 0.00	40.25 -3.34 0.00	36.71 -3.03 0.00	32.80 -2.66 3.80	32.09 -1.96 0.00	34.41 -1.83 0.00
HUNTLEY___68 23562	31.92 -1.80 0.00	32.39 -1.43 0.00	32.17 -1.17 0.00	30.99 -1.19 0.00	35.08 -1.22 0.00	40.13 -1.39 0.00	39.61 -2.36 0.00	35.19 -2.68 0.00	30.47 -2.05 0.00	28.41 -2.06 0.00	29.71 -1.57 0.00	26.97 -1.35 0.00	27.74 -1.47 0.00	25.13 -1.46 0.00	19.85 -1.29 1.00	14.32 -0.91 0.52	22.74 -1.66 0.79	23.88 -1.78 3.41	34.96 -2.23 0.00	40.25 -3.34 0.00	36.71 -3.03 0.00	32.80 -2.66 3.80	32.09 -1.96 0.00	34.41 -1.83 0.00
HYLAND___LFGE 323620	33.81 0.08 0.00	34.25 0.42 0.00	34.00 0.65 0.00	32.78 0.61 0.00	37.19 0.90 0.00	42.71 1.20 0.00	42.94 0.97 0.00	37.40 -0.47 0.00	30.18 -2.33 0.00	26.67 -3.80 0.00	27.42 -3.87 0.00	24.74 -3.58 0.00	25.80 -3.41 0.00	25.13 -1.46 0.00	25.81 -1.05 -4.73	17.44 -0.77 -2.46	27.61 -1.34 -3.77	43.94 -1.35 -16.21	35.99 -1.20 0.00	43.58 -0.01 0.00	39.86 0.12 0.00	57.36 0.05 -18.05	33.91 -0.15 0.00	36.01 -0.23 0.00
INDECK___CORINTH 23802	34.50 0.77 0.00	34.51 0.69 0.00	33.89 0.55 0.00	32.78 0.61 0.00	37.14 0.84 0.00	42.59 1.07 0.00	43.26 1.30 0.00	39.03 1.16 0.00	33.22 0.71 0.00	31.64 1.17 0.00	32.41 1.13 0.00	29.30 0.98 0.00	30.20 0.99 0.00	27.52 0.93 0.00	22.92 0.79 0.00	16.40 0.65 0.00	26.43 1.24 0.00	30.75 1.67 0.00	39.55 2.36 0.00	46.49 2.90 0.00	42.45 2.71 0.00	41.90 2.63 0.00	36.14 2.08 0.00	38.38 2.15 0.00
INDECK___ILION 23567	33.73 0.01 0.00	33.79 -0.04 0.00	33.28 -0.07 0.00	32.13 -0.04 0.00	36.33 0.03 0.00	41.61 0.09 0.00	42.17 0.21 0.00	38.09 0.22 0.00	32.34 -0.17 0.00	30.13 -0.34 0.00	30.78 -0.50 0.00	27.86 -0.46 0.00	28.78 -0.43 0.00	26.27 -0.32 0.00	21.87 -0.26 0.00	15.60 -0.15 0.00	25.04 -0.15 0.00	29.14 0.06 0.00	37.50 0.31 0.00	44.18 0.59 0.00	40.39 0.64 0.00	39.89 0.62 0.00	34.61 0.55 0.00	36.61 0.37 0.00
INDECK___OLEAN 23982	32.75 -0.97 0.00	33.17 -0.66 0.00	32.99 -0.35 0.00	31.80 -0.38 0.00	35.89 -0.40 0.00	40.89 -0.63 0.00	40.85 -1.12 0.00	36.69 -1.18 0.00	31.62 -0.90 0.00	29.52 -0.95 0.00	30.68 -0.60 0.00	27.79 -0.52 0.00	28.45 -0.76 0.00	25.79 -0.80 0.00	21.27 -0.86 0.00	15.07 -0.68 0.00	23.89 -1.30 0.00	27.60 -1.47 0.00	35.36 -1.83 0.00	41.19 -2.40 0.00	37.46 -2.29 0.00	37.29 -1.97 0.00	32.59 -1.47 0.00	34.79 -1.45 0.00
INDECK___OSWEGO 23783	33.03 -0.70 0.00	33.18 -0.64 0.00	32.75 -0.60 0.00	31.55 -0.62 0.00	35.49 -0.81 0.00	40.58 -0.94 0.00	41.01 -0.96 0.00	36.95 -0.92 0.00	31.67 -0.85 0.00	29.59 -0.88 0.00	30.43 -0.85 0.00	27.60 -0.72 0.00	28.50 -0.71 0.00	25.97 -0.62 0.00	21.62 -0.52 0.00	15.36 -0.39 0.00	24.53 -0.66 0.00	28.32 -0.76 0.00	36.25 -0.95 0.00	42.46 -1.13 0.00	38.75 -0.99 0.00	38.28 -0.99 0.00	33.12 -0.93 0.00	35.24 -1.00 0.00
INDECK___YERKES 23781	32.49 -1.24 0.00	32.95 -0.87 0.00	32.68 -0.66 0.00	31.47 -0.70 0.00	35.69 -0.60 0.00	40.87 -0.65 0.00	40.37 -1.60 0.00	36.20 -1.67 0.00	30.92 -1.59 0.00	28.65 -1.82 0.00	29.97 -1.31 0.00	27.17 -1.14 0.00	27.81 -1.40 0.00	25.21 -1.38 0.00	19.85 -1.24 1.04	14.34 -0.87 0.54	22.75 -1.61 0.83	23.86 -1.65 3.57	35.21 -1.98 0.00	40.51 -3.08 0.00	36.95 -2.80 0.00	32.86 -2.44 3.97	32.32 -1.74 0.00	34.66 -1.58 0.00
INDIAN POINT_GT_1 24139	34.69 0.96 0.00	34.62 0.80 0.00	34.05 0.70 0.00	32.92 0.75 0.00	37.30 1.00 0.00	42.77 1.26 0.00	43.54 1.57 0.00	39.47 1.60 0.00	33.61 1.10 0.00	31.62 1.15 0.00	32.30 1.01 0.00	29.14 0.82 0.00	30.00 0.79 0.00	27.50 0.91 0.00	23.03 0.90 0.00	16.48 0.74 0.00	26.47 1.28 0.00	30.58 1.50 0.00	39.00 1.81 0.00	45.72 2.12 0.00	41.69 1.95 0.00	41.13 1.87 0.00	35.45 1.40 0.00	37.54 1.31 0.00
INDIAN POINT_GT_2 23659	34.69 0.96 0.00	34.62 0.80 0.00	34.05 0.70 0.00	32.92 0.75 0.00	37.30 1.00 0.00	42.77 1.26 0.00	43.54 1.57 0.00	39.47 1.60 0.00	33.61 1.10 0.00	31.62 1.15 0.00	32.30 1.01 0.00	29.14 0.82 0.00	30.00 0.79 0.00	27.50 0.91 0.00	23.03 0.90 0.00	16.48 0.74 0.00	26.47 1.28 0.00	30.58 1.50 0.00	39.00 1.81 0.00	45.72 2.12 0.00	41.69 1.95 0.00	41.13 1.87 0.00	35.45 1.40 0.00	37.54 1.31 0.00
INDIAN POINT_GT_3 24019	34.69 0.96 0.00	34.62 0.80 0.00	34.05 0.70 0.00	32.92 0.75 0.00	37.30 1.00 0.00	42.77 1.26 0.00	43.54 1.57 0.00	39.47 1.60 0.00	33.61 1.10 0.00	31.62 1.15 0.00	32.30 1.01 0.00	29.14 0.82 0.00	30.00 0.79 0.00	27.50 0.91 0.00	23.03 0.90 0.00	16.48 0.74 0.00	26.47 1.28 0.00	30.58 1.50 0.00	39.00 1.81 0.00	45.72 2.12 0.00	41.69 1.95 0.00	41.13 1.87 0.00	35.45 1.40 0.00	37.54 1.31 0.00
INDIAN POINT___2 23530	34.60 0.87 0.00	34.52 0.70 0.00	33.97 0.63 0.00	32.86 0.68 0.00	37.23 0.94 0.00	42.69 1.18 0.00	43.43 1.47 0.00	39.36 1.49 0.00	33.52 1.00 0.00	31.52 1.05 0.00	32.17 0.89 0.00	29.02 0.71 0.00	29.88 0.67 0.00	27.40 0.81 0.00	22.93 0.80 0.00	16.41 0.66 0.00	26.35 1.17 0.00	30.44 1.36 0.00	38.85 1.66 0.00	45.55 1.96 0.00	41.54 1.80 0.00	40.98 1.72 0.00	35.33 1.27 0.00	37.43 1.19 0.00
INDIAN POINT___3 23531	34.72 1.00 0.00	34.65 0.83 0.00	34.08 0.73 0.00	32.95 0.78 0.00	37.33 1.04 0.00	42.80 1.29 0.00	43.56 1.60 0.00	39.50 1.63 0.00	33.64 1.13 0.00	31.66 1.18 0.00	32.35 1.07 0.00	29.19 0.87 0.00	30.05 0.84 0.00	27.55 0.96 0.00	23.07 0.94 0.00	16.52 0.77 0.00	26.51 1.32 0.00	30.62 1.55 0.00	39.06 1.87 0.00	45.76 2.17 0.00	41.74 1.99 0.00	41.17 1.91 0.00	35.50 1.44 0.00	37.59 1.35 0.00
INGHAM_C_115KV_TB7 356103	33.59 -0.14 0.00	33.58 -0.25 0.00	33.03 -0.31 0.00	31.93 -0.24 0.00	36.19 -0.10 0.00	41.52 0.00 0.00	42.16 0.19 0.00	38.10 0.22 0.00	31.94 -0.57 0.00	29.53 -0.94 0.00	30.00 -1.29 0.00	27.17 -1.15 0.00	28.07 -1.14 0.00	25.71 -0.88 0.00	21.40 -0.73 0.00	15.33 -0.41 0.00	24.67 -0.51 0.00	28.96 -0.11 0.00	37.61 0.42 0.00	44.55 0.96 0.00	40.81 1.07 0.00	40.41 1.14 0.00	35.10 1.05 0.00	36.93 0.69 0.00
IP CORINTH___1 23988	34.68 0.95 0.00	34.69 0.86 0.00	34.08 0.73 0.00	32.96 0.79 0.00	37.33 1.04 0.00	42.82 1.31 0.00	43.51 1.55 0.00	39.24 1.37 0.00	33.40 0.88 0.00	31.68 1.20 0.00	32.41 1.13 0.00	29.30 0.98 0.00	30.20 0.99 0.00	27.52 0.93 0.00	22.92 0.79 0.00	16.40 0.65 0.00	26.43 1.24 0.00	30.75 1.67 0.00	39.55 2.36 0.00	46.49 2.91 0.00	42.45 2.71 0.00	41.90 2.63 0.00	36.14 2.08 0.00	38.39 2.15 0.00

IP__TICONDEROGA 23804	35.68 1.95 0.00	35.67 1.85 0.00	34.93 1.59 0.00	33.78 1.61 0.00	38.42 2.12 0.00	44.13 2.62 0.00	45.06 3.10 0.00	40.50 2.63 0.00	34.32 1.81 0.00	31.99 1.52 0.00	32.88 1.59 0.00	29.71 1.39 0.00	30.80 1.59 0.00	28.05 1.46 0.00	23.42 1.29 0.00	16.77 1.03 0.00	27.07 1.88 0.00	31.51 2.44 0.00	40.51 3.32 0.00	48.07 4.48 0.00	44.01 4.27 0.00	43.28 4.02 0.00	36.90 2.84 0.00	39.20 2.97 0.00
ISLIP_RES_REC 323679	39.97 1.63 -4.61	38.03 1.40 -2.81	35.97 1.10 -1.53	35.08 1.07 -1.83	38.45 1.33 -0.82	43.57 1.87 -0.18	44.31 2.34 0.00	40.14 2.08 -0.19	34.03 1.51 0.00	31.87 1.40 0.00	33.04 1.30 -0.46	29.41 1.09 0.00	30.18 0.97 0.00	27.57 0.98 0.00	23.38 1.25 0.00	16.79 1.04 0.00	27.13 1.95 0.00	31.10 2.02 0.00	39.66 2.47 0.00	47.09 3.50 0.00	43.12 3.37 0.00	42.51 3.25 0.00	36.24 2.18 0.00	38.06 1.82 0.00
JAMAICA__27_KV_LOAD 355505	34.98 1.25 0.00	34.73 0.90 0.00	34.13 0.79 0.00	32.98 0.80 0.00	37.44 1.15 0.00	42.97 1.45 0.00	43.81 1.85 0.00	39.98 2.11 0.00	34.02 1.51 0.00	32.11 1.63 0.00	32.91 1.63 0.00	29.67 1.35 0.00	30.53 1.32 0.00	27.99 1.40 0.00	23.44 1.31 0.00	16.78 1.03 0.00	26.95 1.76 0.00	31.10 2.02 0.00	39.63 2.44 0.00	46.35 2.76 0.00	42.33 2.59 0.00	41.79 2.52 0.00	36.01 1.95 0.00	38.01 1.77 0.00
JANIS__SOLAR 323808	34.78 1.05 0.00	34.87 1.04 0.00	34.31 0.97 0.00	32.94 0.76 0.00	37.40 1.10 0.00	43.16 1.65 0.00	43.80 1.83 0.00	39.48 1.61 0.00	33.64 1.13 0.00	31.01 0.54 0.00	31.30 0.02 0.00	28.28 -0.03 0.00	28.98 -0.23 0.00	26.34 -0.25 0.00	22.24 -0.23 -0.34	15.66 -0.26 -0.18	25.21 -0.24 -0.27	30.41 0.17 -1.16	38.09 0.90 0.00	45.36 1.77 0.00	41.46 1.71 0.00	41.96 1.40 -1.29	34.77 0.71 0.00	36.54 0.30 0.00
JARVIS____ 23743	33.73 0.00 0.00	33.80 -0.02 0.00	33.31 -0.03 0.00	32.15 -0.03 0.00	36.27 -0.02 0.00	41.51 -0.01 0.00	42.01 0.04 0.00	37.92 0.05 0.00	32.47 -0.04 0.00	30.41 -0.06 0.00	31.17 -0.11 0.00	28.23 -0.09 0.00	29.13 -0.08 0.00	26.56 -0.03 0.00	22.11 -0.02 0.00	15.74 -0.01 0.00	25.20 0.02 0.00	29.15 0.07 0.00	37.28 0.09 0.00	43.74 0.15 0.00	39.92 0.18 0.00	39.42 0.15 0.00	34.16 0.10 0.00	36.31 0.07 0.00
JENNISON__1 23625	34.66 0.93 0.00	34.70 0.88 0.00	34.10 0.76 0.00	32.50 0.33 0.00	36.75 0.45 0.00	42.57 1.05 0.00	43.20 1.23 0.00	39.03 1.16 0.00	33.34 0.83 0.00	30.99 0.51 0.00	31.56 0.28 0.00	28.61 0.29 0.00	29.37 0.16 0.00	26.67 0.08 0.00	22.22 0.09 0.00	15.68 -0.07 0.00	25.25 0.06 0.00	29.60 0.53 0.00	38.15 0.96 0.00	45.28 1.69 0.00	41.39 1.65 0.00	40.61 1.35 0.00	34.50 0.44 0.00	36.09 -0.14 0.00
JENNISON__2 23626	34.66 0.93 0.00	34.70 0.88 0.00	34.10 0.76 0.00	32.50 0.33 0.00	36.75 0.45 0.00	42.57 1.05 0.00	43.20 1.23 0.00	39.03 1.16 0.00	33.34 0.83 0.00	30.99 0.51 0.00	31.56 0.28 0.00	28.61 0.29 0.00	29.37 0.16 0.00	26.67 0.08 0.00	22.22 0.09 0.00	15.68 -0.07 0.00	25.25 0.06 0.00	29.60 0.53 0.00	38.15 0.96 0.00	45.28 1.69 0.00	41.39 1.65 0.00	40.61 1.35 0.00	34.50 0.44 0.00	36.09 -0.14 0.00
JERICHO_RISE_WT_PWR 323719	33.84 0.11 0.00	33.84 0.01 0.00	33.27 -0.07 0.00	32.07 -0.11 0.00	36.22 -0.07 0.00	41.42 -0.09 0.00	41.89 -0.07 0.00	37.73 -0.14 0.00	32.84 0.33 0.00	30.81 0.34 0.00	31.72 0.44 0.00	28.31 -0.01 0.00	29.10 -0.11 0.00	26.24 -0.35 0.00	21.69 -0.44 0.00	15.30 -0.44 0.00	24.40 -0.78 0.00	27.91 -1.17 0.00	35.94 -1.25 0.00	42.80 -0.79 0.00	33.17 -1.31 5.26	32.46 -1.40 5.40	18.45 -1.02 14.59	35.55 -0.69 0.00
KATONAH__115KV_46KV_TB4 355592	34.98 1.26 0.00	34.92 1.09 0.00	34.32 0.98 0.00	33.18 1.01 0.00	37.59 1.30 0.00	43.12 1.61 0.00	43.93 1.97 0.00	39.84 1.97 0.00	33.94 1.43 0.00	31.92 1.45 0.00	32.63 1.35 0.00	29.44 1.13 0.00	30.31 1.10 0.00	27.77 1.18 0.00	23.25 1.12 0.00	16.64 0.90 0.00	26.72 1.54 0.00	30.87 1.80 0.00	39.38 2.19 0.00	46.12 2.53 0.00	42.08 2.34 0.00	41.51 2.25 0.00	35.78 1.72 0.00	37.87 1.64 0.00
KCE_NY_1 323755	34.84 1.11 0.00	34.89 1.06 0.00	34.30 0.96 0.00	33.17 1.00 0.00	37.52 1.23 0.00	43.00 1.49 0.00	43.69 1.73 0.00	39.41 1.54 0.00	33.48 0.96 0.00	31.47 1.00 0.00	32.10 0.82 0.00	29.08 0.77 0.00	30.01 0.80 0.00	27.36 0.77 0.00	22.81 0.67 0.00	16.32 0.57 0.00	26.30 1.12 0.00	30.57 1.50 0.00	39.24 2.05 0.00	46.04 2.45 0.00	41.97 2.23 0.00	41.47 2.21 0.00	35.82 1.76 0.00	38.09 1.85 0.00
KCE_NY_6_ESR 323823	32.35 -1.38 0.00	32.83 -0.99 0.00	32.60 -0.74 0.00	31.37 -0.81 0.00	35.53 -0.76 0.00	40.73 -0.78 0.00	40.31 -1.65 0.00	35.87 -2.00 0.00	31.00 -1.52 0.00	28.87 -1.60 0.00	30.15 -1.14 0.00	27.33 -0.99 0.00	28.06 -1.15 0.00	25.43 -1.16 0.00	20.24 -1.04 0.86	14.55 -0.75 0.45	23.10 -1.41 0.68	24.69 -1.45 2.93	35.45 -1.74 0.00	40.89 -2.70 0.00	37.19 -2.55 0.00	33.82 -2.18 3.26	32.44 -1.62 0.00	34.72 -1.52 0.00
KEDC_PORT_JEFF_GT2 24210	31.87 1.48 3.34	29.37 1.25 5.70	30.85 0.94 3.43	29.02 0.93 4.08	35.62 1.17 1.84	42.75 1.65 0.41	44.06 2.10 0.00	39.31 1.87 0.42	33.85 1.33 0.00	31.72 1.24 0.00	31.42 1.16 1.03	29.31 0.98 0.00	30.08 0.86 0.00	27.49 0.89 0.00	23.30 1.17 0.00	16.72 0.98 0.00	27.02 1.83 0.00	30.97 1.89 0.00	39.48 2.28 0.00	46.83 3.24 0.00	42.88 3.14 0.00	42.28 3.01 0.00	36.07 2.02 0.00	37.91 1.67 0.00
KEDC_PORT_JEFF_GT3 24211	31.87 1.48 3.34	29.37 1.25 5.70	30.85 0.94 3.43	29.02 0.93 4.08	35.62 1.17 1.84	42.75 1.65 0.41	44.06 2.10 0.00	39.31 1.87 0.42	33.85 1.33 0.00	31.72 1.24 0.00	31.42 1.16 1.03	29.31 0.98 0.00	30.08 0.86 0.00	27.49 0.89 0.00	23.30 1.17 0.00	16.72 0.98 0.00	27.02 1.83 0.00	30.97 1.89 0.00	39.48 2.28 0.00	46.83 3.24 0.00	42.88 3.14 0.00	42.28 3.01 0.00	36.07 2.02 0.00	37.91 1.67 0.00
KEDC_GLWD_GT4 24219	45.36 1.82 -9.81	36.12 1.49 -0.81	34.58 1.24 0.00	33.41 1.24 0.00	37.83 1.53 0.00	43.46 1.95 0.00	44.35 2.38 0.00	40.10 2.23 0.00	34.17 1.66 0.00	32.09 1.62 0.00	32.89 1.60 0.00	29.67 1.36 0.00	30.50 1.29 0.00	27.92 1.33 0.00	23.50 1.37 0.00	16.84 1.10 0.00	27.12 1.93 0.00	31.24 2.16 0.00	39.87 2.68 0.00	46.94 3.35 0.00	42.87 3.12 0.00	42.24 2.97 0.00	36.24 2.19 0.00	38.24 2.00 0.00
KEDC_GLWD_GT5 24220	45.36 1.82 -9.81	36.12 1.49 -0.81	34.58 1.24 0.00	33.41 1.24 0.00	37.83 1.53 0.00	43.46 1.95 0.00	44.35 2.38 0.00	40.10 2.23 0.00	34.17 1.66 0.00	32.09 1.62 0.00	32.89 1.60 0.00	29.67 1.36 0.00	30.50 1.29 0.00	27.92 1.33 0.00	23.50 1.37 0.00	16.84 1.10 0.00	27.12 1.93 0.00	31.24 2.16 0.00	39.87 2.68 0.00	46.94 3.35 0.00	42.87 3.12 0.00	42.24 2.97 0.00	36.24 2.19 0.00	38.24 2.00 0.00

KENSICO____ 23655	34.89 1.16 0.00	34.80 0.98 0.00	34.21 0.87 0.00	33.07 0.90 0.00	37.46 1.17 0.00	42.96 1.45 0.00	43.76 1.80 0.00	39.69 1.82 0.00	33.82 1.31 0.00	31.83 1.36 0.00	32.57 1.29 0.00	29.38 1.06 0.00	30.24 1.04 0.00	27.72 1.13 0.00	23.23 1.10 0.00	16.63 0.88 0.00	26.70 1.52 0.00	30.83 1.75 0.00	39.30 2.11 0.00	46.03 2.44 0.00	41.98 2.24 0.00	41.42 2.16 0.00	35.69 1.64 0.00	37.78 1.54 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.35 1.62 0.00	35.31 1.49 0.00	34.74 1.40 0.00	33.58 1.41 0.00	38.07 1.77 0.00	43.70 2.18 0.00	44.50 2.54 0.00	40.32 2.45 0.00	34.29 1.78 0.00	32.05 1.58 0.00	32.60 1.32 0.00	29.35 1.03 0.00	30.21 1.00 0.00	27.64 1.05 0.00	23.12 0.99 0.00	16.53 0.78 0.00	26.56 1.38 0.00	30.85 1.77 0.00	39.55 2.36 0.00	46.45 2.86 0.00	42.40 2.65 0.00	41.81 2.55 0.00	35.98 1.92 0.00	38.10 1.86 0.00
KIAC_JFK_GT1 23816	34.79 1.06 0.00	34.53 0.71 0.00	33.94 0.59 0.00	32.79 0.61 0.00	37.21 0.91 0.00	42.69 1.18 0.00	43.53 1.57 0.00	39.70 1.82 0.00	33.80 1.28 0.00	31.91 1.44 0.00	32.72 1.44 0.00	29.50 1.18 0.00	30.36 1.15 0.00	27.84 1.25 0.00	23.32 1.18 0.00	16.69 0.94 0.00	26.80 1.62 0.00	30.93 1.86 0.00	39.38 2.19 0.00	46.07 2.48 0.00	42.05 2.31 0.00	41.51 2.24 0.00	35.79 1.73 0.00	37.78 1.55 0.00
KIAC_JFK_GT2 23817	34.79 1.06 0.00	34.53 0.71 0.00	33.94 0.59 0.00	32.79 0.61 0.00	37.21 0.91 0.00	42.69 1.18 0.00	43.53 1.57 0.00	39.70 1.82 0.00	33.80 1.28 0.00	31.91 1.44 0.00	32.72 1.44 0.00	29.50 1.18 0.00	30.36 1.15 0.00	27.84 1.25 0.00	23.32 1.18 0.00	16.69 0.94 0.00	26.80 1.62 0.00	30.93 1.86 0.00	39.38 2.19 0.00	46.07 2.48 0.00	42.05 2.31 0.00	41.51 2.24 0.00	35.79 1.73 0.00	37.78 1.55 0.00
KIAC_JFK____ 323774	34.79 1.06 0.00	34.53 0.71 0.00	33.94 0.59 0.00	32.79 0.62 0.00	37.21 0.91 0.00	42.69 1.18 0.00	43.53 1.56 0.00	39.69 1.82 0.00	33.80 1.28 0.00	31.91 1.44 0.00	32.73 1.45 0.00	29.50 1.18 0.00	30.36 1.15 0.00	27.84 1.25 0.00	23.31 1.18 0.00	16.69 0.94 0.00	26.81 1.62 0.00	30.93 1.85 0.00	39.37 2.18 0.00	46.06 2.47 0.00	42.06 2.31 0.00	41.51 2.24 0.00	35.79 1.73 0.00	37.78 1.54 0.00
KINTIGH____ 23543	32.06 -1.67 0.00	32.47 -1.36 0.00	32.22 -1.12 0.00	31.05 -1.13 0.00	35.10 -1.20 0.00	40.10 -1.41 0.00	39.74 -2.23 0.00	35.40 -2.47 0.00	30.58 -1.93 0.00	28.55 -1.92 0.00	29.78 -1.50 0.00	27.07 -1.24 0.00	27.89 -1.32 0.00	25.30 -1.29 0.00	20.24 -1.12 0.78	14.54 -0.80 0.40	23.12 -1.45 0.62	24.88 -1.54 2.66	35.23 -1.96 0.00	40.63 -2.96 0.00	37.09 -2.65 0.00	33.99 -2.31 2.96	32.32 -1.74 0.00	34.61 -1.63 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.39 0.66 0.00	34.37 0.55 0.00	33.78 0.44 0.00	32.57 0.40 0.00	36.76 0.46 0.00	41.89 0.38 0.00	42.61 0.64 0.00	38.34 0.47 0.00	33.34 0.82 0.00	31.10 0.63 0.00	32.03 0.74 0.00	28.60 0.28 0.00	29.42 0.21 0.00	26.56 -0.03 0.00	21.95 -0.18 0.00	15.50 -0.25 0.00	24.73 -0.46 0.00	28.27 -0.80 0.00	36.56 -0.63 0.00	43.65 0.06 0.00	34.44 -0.47 4.83	33.61 -0.69 4.96	20.37 -0.28 13.41	36.35 0.11 0.00
LACHUTE__HYDRO 323717	35.68 1.95 0.00	35.67 1.85 0.00	34.93 1.59 0.00	33.78 1.61 0.00	38.42 2.12 0.00	44.13 2.62 0.00	45.06 3.10 0.00	40.50 2.63 0.00	34.32 1.81 0.00	31.99 1.52 0.00	32.87 1.59 0.00	29.71 1.39 0.00	30.79 1.59 0.00	28.05 1.46 0.00	23.42 1.29 0.00	16.77 1.03 0.00	27.07 1.88 0.00	31.51 2.44 0.00	40.51 3.32 0.00	48.06 4.47 0.00	44.01 4.27 0.00	43.28 4.02 0.00	36.89 2.84 0.00	39.20 2.97 0.00
LAWRNCV_115KV_TB1 80681	33.65 -0.08 0.00	33.83 0.00 0.00	33.35 0.01 0.00	32.13 -0.05 0.00	36.28 -0.01 0.00	41.53 0.01 0.00	41.98 0.02 0.00	37.85 -0.02 0.00	32.67 0.15 0.00	30.42 -0.05 0.00	31.18 -0.10 0.00	28.04 -0.28 0.00	28.76 -0.45 0.00	25.90 -0.69 0.00	21.38 -0.75 0.00	15.14 -0.61 0.00	24.18 -1.01 0.00	27.87 -1.20 0.00	36.28 -0.91 0.00	42.84 -0.75 0.00	39.56 -0.85 -0.66	38.99 -0.95 -0.68	35.20 -0.71 -1.84	35.70 -0.53 0.00
LEDERLE____ 23769	34.81 1.08 0.00	34.73 0.91 0.00	34.18 0.83 0.00	33.05 0.87 0.00	37.46 1.17 0.00	43.09 1.58 0.00	43.87 1.91 0.00	39.78 1.91 0.00	33.87 1.36 0.00	31.84 1.37 0.00	32.51 1.23 0.00	29.33 1.01 0.00	30.18 0.97 0.00	27.68 1.09 0.00	23.17 1.04 0.00	16.58 0.83 0.00	26.55 1.36 0.00	30.69 1.61 0.00	39.16 1.97 0.00	45.89 2.30 0.00	41.85 2.11 0.00	41.28 2.01 0.00	35.57 1.51 0.00	37.67 1.43 0.00
LIGHTHSE_115KV_TB6 355974	33.36 -0.37 0.00	33.60 -0.22 0.00	33.14 -0.20 0.00	31.88 -0.29 0.00	35.88 -0.41 0.00	41.04 -0.47 0.00	41.68 -0.28 0.00	37.51 -0.37 0.00	32.01 -0.50 0.00	29.66 -0.82 0.00	30.31 -0.98 0.00	27.36 -0.96 0.00	28.18 -1.03 0.00	25.62 -0.97 0.00	21.27 -0.87 0.00	15.08 -0.67 0.00	24.12 -1.07 0.00	27.97 -1.11 0.00	36.32 -0.87 0.00	42.80 -0.79 0.00	39.11 -0.63 0.00	38.44 -0.82 0.00	33.21 -0.85 0.00	35.37 -0.87 0.00
LINDEN COGEN____ 23786	34.79 1.06 0.00	34.68 0.85 0.00	34.09 0.75 0.00	32.96 0.79 0.00	37.36 1.07 0.00	42.83 1.32 0.00	43.67 1.70 0.00	39.64 1.77 0.00	33.78 1.26 0.00	31.87 1.40 0.00	32.62 1.34 0.00	29.41 1.09 0.00	30.23 1.02 0.00	27.79 1.20 0.00	23.30 1.17 0.00	16.69 0.94 0.00	26.78 1.59 0.00	30.89 1.82 0.00	39.35 2.16 0.00	46.03 2.44 0.00	41.93 2.19 0.00	41.38 2.12 0.00	35.64 1.59 0.00	37.71 1.47 0.00
LINDHRST_69_KV_BK1 356055	40.44 1.76 -4.96	35.76 1.53 -0.41	34.61 1.27 0.00	33.40 1.22 0.00	37.79 1.50 0.00	43.49 1.98 0.00	44.41 2.45 0.00	40.14 2.27 0.00	34.18 1.66 0.00	32.02 1.55 0.00	32.76 1.48 0.00	29.56 1.24 0.00	30.35 1.14 0.00	27.76 1.17 0.00	23.43 1.30 0.00	16.81 1.06 0.00	27.12 1.94 0.00	31.23 2.16 0.00	39.90 2.71 0.00	47.18 3.59 0.00	43.12 3.38 0.00	42.48 3.21 0.00	36.34 2.28 0.00	38.27 2.03 0.00
LIPA_MISC_IPP 23656	-40.19 1.22 75.14	-49.24 0.99 84.06	-15.11 0.70 49.15	-25.69 0.69 58.56	10.79 0.89 26.40	37.07 1.41 5.85	43.84 1.88 0.00	33.43 1.60 6.05	33.62 1.11 0.00	31.54 1.06 0.00	17.50 0.93 14.72	29.15 0.83 0.00	29.91 0.70 0.00	27.34 0.74 0.00	23.26 1.13 0.00	16.71 0.96 0.00	26.99 1.80 0.00	30.76 1.69 0.00	39.08 1.89 0.00	46.54 2.95 0.00	42.65 2.91 0.00	42.13 2.86 0.00	35.86 1.80 0.00	37.66 1.42 0.00
LISF__SOLAR 323691	-49.17 1.28 84.17	-59.10 1.04 93.96	-20.83 0.76 54.93	-32.53 0.74 65.44	7.75 0.95 29.50	36.46 1.49 6.54	43.92 1.96 0.00	32.78 1.67 6.76	33.68 1.16 0.00	31.56 1.08 0.00	15.78 0.95 16.45	29.16 0.84 0.00	29.91 0.70 0.00	27.33 0.74 0.00	23.27 1.14 0.00	16.72 0.97 0.00	27.02 1.83 0.00	30.80 1.73 0.00	39.14 1.95 0.00	46.63 3.04 0.00	42.74 3.00 0.00	42.21 2.95 0.00	35.92 1.86 0.00	37.71 1.48 0.00

LITTLE FALLS___HYD 24013	33.59 -0.14 0.00	33.58 -0.25 0.00	33.03 -0.31 0.00	31.93 -0.24 0.00	36.19 -0.10 0.00	41.52 0.00 0.00	42.16 0.19 0.00	38.10 0.22 0.00	31.94 -0.57 0.00	29.53 -0.94 0.00	30.00 -1.29 0.00	27.17 -1.15 0.00	28.07 -1.14 0.00	25.71 -0.88 0.00	21.40 -0.73 0.00	15.33 -0.41 0.00	24.67 -0.51 0.00	28.96 -0.11 0.00	37.61 0.42 0.00	44.55 0.96 0.00	40.81 1.07 0.00	40.41 1.14 0.00	35.10 1.05 0.00	36.93 0.69 0.00
LITTLRIV_115KV_TB1 356100	34.19 0.46 0.00	34.38 0.55 0.00	33.91 0.56 0.00	32.65 0.47 0.00	36.89 0.60 0.00	42.26 0.75 0.00	42.76 0.79 0.00	38.54 0.67 0.00	33.13 0.62 0.00	30.65 0.18 0.00	31.36 0.08 0.00	28.16 -0.16 0.00	28.88 -0.33 0.00	25.99 -0.60 0.00	21.46 -0.68 0.00	15.19 -0.55 0.00	24.28 -0.91 0.00	28.02 -1.06 0.00	36.81 -0.37 0.00	43.60 0.01 0.00	40.33 -0.14 -0.73	39.74 -0.28 -0.75	35.94 -0.14 -2.03	36.31 0.07 0.00
LI_NEWBRDGE___DRP 323616	35.08 1.35 0.00	34.95 1.12 0.00	34.22 0.88 0.00	33.06 0.89 0.00	37.42 1.13 0.00	42.99 1.48 0.00	43.85 1.88 0.00	39.65 1.77 0.00	33.77 1.26 0.00	31.73 1.26 0.00	32.51 1.22 0.00	29.34 1.02 0.00	30.16 0.95 0.00	27.60 1.01 0.00	23.25 1.11 0.00	16.66 0.92 0.00	26.83 1.64 0.00	30.89 1.81 0.00	39.41 2.22 0.00	46.44 2.85 0.00	42.42 2.68 0.00	41.80 2.54 0.00	35.86 1.81 0.00	37.85 1.61 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.83 -1.90 0.00	32.31 -1.52 0.00	32.08 -1.26 0.00	30.95 -1.22 0.00	35.07 -1.23 0.00	40.13 -1.38 0.00	39.52 -2.44 0.00	35.03 -2.84 0.00	30.25 -2.27 0.00	28.12 -2.35 0.00	29.42 -1.86 0.00	26.69 -1.63 0.00	27.42 -1.79 0.00	24.83 -1.75 0.00	19.40 -1.57 1.16	14.06 -1.09 0.61	22.33 -1.93 0.93	23.04 -2.05 3.98	34.70 -2.49 0.00	39.99 -3.60 0.00	36.52 -3.22 0.00	31.95 -2.89 4.43	32.03 -2.03 0.00	34.39 -1.85 0.00
LOCKPORT___CC1 323769	31.77 -1.96 0.00	32.26 -1.57 0.00	32.04 -1.30 0.00	30.87 -1.31 0.00	35.01 -1.29 0.00	40.04 -1.47 0.00	39.44 -2.53 0.00	34.96 -2.91 0.00	30.20 -2.31 0.00	28.10 -2.37 0.00	29.38 -1.90 0.00	26.66 -1.66 0.00	27.39 -1.82 0.00	24.81 -1.78 0.00	19.18 -1.56 1.39	13.93 -1.10 0.72	22.11 -1.97 1.11	22.26 -2.06 4.76	34.72 -2.47 0.00	40.00 -3.59 0.00	36.48 -3.26 0.00	31.06 -2.91 5.30	31.96 -2.10 0.00	34.29 -1.94 0.00
LOCKPORT___CC2 323770	31.77 -1.96 0.00	32.26 -1.57 0.00	32.04 -1.30 0.00	30.87 -1.31 0.00	35.01 -1.29 0.00	40.04 -1.47 0.00	39.44 -2.53 0.00	34.96 -2.91 0.00	30.20 -2.31 0.00	28.10 -2.37 0.00	29.38 -1.90 0.00	26.66 -1.66 0.00	27.39 -1.82 0.00	24.81 -1.78 0.00	19.18 -1.56 1.39	13.93 -1.10 0.72	22.11 -1.97 1.11	22.26 -2.06 4.76	34.72 -2.47 0.00	40.00 -3.59 0.00	36.48 -3.26 0.00	31.06 -2.91 5.30	31.96 -2.10 0.00	34.29 -1.94 0.00
LOCKPORT___CC3 323771	31.77 -1.96 0.00	32.26 -1.57 0.00	32.04 -1.30 0.00	30.87 -1.31 0.00	35.01 -1.29 0.00	40.04 -1.47 0.00	39.44 -2.53 0.00	34.96 -2.91 0.00	30.20 -2.31 0.00	28.10 -2.37 0.00	29.38 -1.90 0.00	26.66 -1.66 0.00	27.39 -1.82 0.00	24.81 -1.78 0.00	19.18 -1.56 1.39	13.93 -1.10 0.72	22.11 -1.97 1.11	22.26 -2.06 4.76	34.72 -2.47 0.00	40.00 -3.59 0.00	36.48 -3.26 0.00	31.06 -2.91 5.30	31.96 -2.10 0.00	34.29 -1.94 0.00
LONG_LAKE_PHOENIX 24014	33.11 -0.62 0.00	33.25 -0.57 0.00	32.82 -0.52 0.00	31.65 -0.52 0.00	35.62 -0.67 0.00	40.74 -0.78 0.00	41.15 -0.81 0.00	37.08 -0.79 0.00	31.77 -0.75 0.00	29.69 -0.78 0.00	30.52 -0.77 0.00	27.68 -0.64 0.00	28.57 -0.64 0.00	26.03 -0.56 0.00	21.67 -0.47 0.00	15.40 -0.35 0.00	24.60 -0.58 0.00	28.48 -0.60 0.00	36.41 -0.77 0.00	42.62 -0.97 0.00	38.89 -0.86 0.00	38.43 -0.83 0.00	33.25 -0.80 0.00	35.35 -0.89 0.00
LOVETT___3 23632	34.67 0.94 0.00	34.59 0.77 0.00	34.02 0.68 0.00	32.91 0.73 0.00	37.29 0.99 0.00	42.75 1.24 0.00	43.50 1.53 0.00	39.44 1.57 0.00	33.60 1.08 0.00	31.60 1.13 0.00	32.28 1.00 0.00	29.13 0.81 0.00	29.98 0.77 0.00	27.50 0.90 0.00	23.02 0.89 0.00	16.48 0.73 0.00	26.45 1.26 0.00	30.56 1.48 0.00	38.99 1.79 0.00	45.68 2.09 0.00	41.65 1.91 0.00	41.09 1.83 0.00	35.42 1.36 0.00	37.51 1.28 0.00
LOVETT___4 23642	34.67 0.94 0.00	34.59 0.77 0.00	34.02 0.68 0.00	32.91 0.73 0.00	37.29 0.99 0.00	42.75 1.24 0.00	43.50 1.53 0.00	39.44 1.57 0.00	33.60 1.08 0.00	31.60 1.13 0.00	32.28 1.00 0.00	29.13 0.81 0.00	29.98 0.77 0.00	27.50 0.90 0.00	23.02 0.89 0.00	16.48 0.73 0.00	26.45 1.26 0.00	30.56 1.48 0.00	38.99 1.79 0.00	45.68 2.09 0.00	41.65 1.91 0.00	41.09 1.83 0.00	35.42 1.36 0.00	37.51 1.28 0.00
LOVETT___5 23593	34.67 0.94 0.00	34.59 0.77 0.00	34.02 0.68 0.00	32.91 0.73 0.00	37.29 0.99 0.00	42.75 1.24 0.00	43.50 1.53 0.00	39.44 1.57 0.00	33.60 1.08 0.00	31.60 1.13 0.00	32.28 1.00 0.00	29.13 0.81 0.00	29.98 0.77 0.00	27.50 0.90 0.00	23.02 0.89 0.00	16.48 0.73 0.00	26.45 1.26 0.00	30.56 1.48 0.00	38.99 1.79 0.00	45.68 2.09 0.00	41.65 1.91 0.00	41.09 1.83 0.00	35.42 1.36 0.00	37.51 1.28 0.00
LOWER RAQUET___HYD 24057	33.51 -0.21 0.00	33.68 -0.14 0.00	33.21 -0.14 0.00	31.98 -0.20 0.00	36.13 -0.16 0.00	41.35 -0.16 0.00	41.82 -0.15 0.00	37.72 -0.15 0.00	32.53 0.02 0.00	30.25 -0.22 0.00	30.99 -0.30 0.00	27.84 -0.48 0.00	28.56 -0.65 0.00	25.70 -0.89 0.00	21.20 -0.93 0.00	15.01 -0.74 0.00	23.98 -1.21 0.00	27.64 -1.44 0.00	36.06 -1.13 0.00	42.65 -0.94 0.00	39.51 -1.02 -0.79	38.93 -1.15 -0.81	35.37 -0.88 -2.20	35.52 -0.72 0.00
LOWER___HUDSON 24059	34.47 0.74 0.00	34.47 0.65 0.00	33.88 0.54 0.00	32.79 0.61 0.00	37.05 0.76 0.00	42.38 0.86 0.00	42.93 0.97 0.00	38.75 0.88 0.00	33.10 0.58 0.00	31.05 0.58 0.00	31.74 0.45 0.00	28.74 0.42 0.00	29.68 0.47 0.00	27.09 0.50 0.00	22.58 0.45 0.00	16.20 0.45 0.00	26.03 0.85 0.00	30.11 1.04 0.00	38.45 1.26 0.00	45.09 1.50 0.00	41.22 1.47 0.00	40.79 1.53 0.00	35.36 1.30 0.00	37.61 1.37 0.00
LOWVILLE_115KV_TB2 356335	34.14 0.41 0.00	34.54 0.72 0.00	34.02 0.68 0.00	32.60 0.42 0.00	36.75 0.46 0.00	42.03 0.52 0.00	42.95 0.99 0.00	38.68 0.81 0.00	33.00 0.49 0.00	30.35 -0.12 0.00	30.72 -0.56 0.00	27.56 -0.76 0.00	28.16 -1.05 0.00	25.49 -1.10 0.00	21.03 -1.11 0.00	14.83 -0.92 0.00	23.73 -1.46 0.00	27.77 -1.31 0.00	36.64 -0.55 0.00	43.71 0.12 0.00	40.17 0.20 -0.23	39.04 -0.46 -0.24	34.11 -0.59 -0.64	35.86 -0.38 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.87 1.14 0.00	34.90 1.08 0.00	34.32 0.98 0.00	33.19 1.02 0.00	37.55 1.25 0.00	43.02 1.50 0.00	43.65 1.69 0.00	39.38 1.51 0.00	33.51 0.99 0.00	31.47 1.00 0.00	32.13 0.85 0.00	29.09 0.77 0.00	30.01 0.80 0.00	27.37 0.78 0.00	22.82 0.68 0.00	16.32 0.58 0.00	26.28 1.10 0.00	30.54 1.46 0.00	39.19 2.00 0.00	45.99 2.40 0.00	41.96 2.22 0.00	41.46 2.20 0.00	35.82 1.77 0.00	38.09 1.85 0.00

LUTHERNY_35_KV_BK2 355980	34.84 1.11 0.00	34.89 1.06 0.00	34.30 0.96 0.00	33.17 1.00 0.00	37.52 1.23 0.00	43.00 1.49 0.00	43.69 1.73 0.00	39.40 1.53 0.00	33.48 0.96 0.00	31.47 1.00 0.00	32.11 0.82 0.00	29.08 0.77 0.00	30.01 0.80 0.00	27.36 0.77 0.00	22.81 0.68 0.00	16.32 0.57 0.00	26.30 1.12 0.00	30.57 1.50 0.00	39.24 2.05 0.00	46.05 2.45 0.00	41.97 2.23 0.00	41.47 2.21 0.00	35.82 1.76 0.00	38.09 1.85 0.00
LWR___OSWEGATCHIE_HYD 23850	33.48 -0.25 0.00	33.77 -0.05 0.00	33.28 -0.06 0.00	31.97 -0.20 0.00	36.07 -0.22 0.00	41.27 -0.24 0.00	42.00 0.03 0.00	37.82 -0.05 0.00	32.41 -0.11 0.00	29.92 -0.55 0.00	30.45 -0.83 0.00	27.33 -0.99 0.00	27.97 -1.24 0.00	25.25 -1.34 0.00	20.83 -1.31 0.00	14.71 -1.04 0.00	23.52 -1.66 0.00	27.34 -1.74 0.00	35.97 -1.22 0.00	42.74 -0.85 0.00	39.50 -0.79 -0.54	38.71 -1.11 -0.55	34.55 -1.01 -1.50	35.39 -0.85 0.00
LYONS_FALL_HYD 23570	34.26 0.53 0.00	34.54 0.72 0.00	34.02 0.68 0.00	32.69 0.52 0.00	36.87 0.57 0.00	42.19 0.68 0.00	43.02 1.06 0.00	38.85 0.98 0.00	33.18 0.66 0.00	30.62 0.15 0.00	31.10 -0.18 0.00	27.97 -0.34 0.00	28.68 -0.53 0.00	26.00 -0.59 0.00	21.52 -0.61 0.00	15.24 -0.50 0.00	24.43 -0.75 0.00	28.51 -0.56 0.00	37.25 0.06 0.00	44.15 0.56 0.00	40.47 0.57 -0.15	39.55 0.13 -0.16	34.45 -0.04 -0.43	36.32 0.08 0.00
MADISON___COUNTY_LFGE 323628	34.46 0.74 0.00	34.60 0.77 0.00	34.11 0.77 0.00	32.88 0.70 0.00	37.09 0.79 0.00	42.54 1.03 0.00	43.20 1.23 0.00	39.00 1.13 0.00	33.22 0.71 0.00	30.81 0.33 0.00	31.49 0.20 0.00	28.48 0.16 0.00	29.36 0.15 0.00	26.68 0.09 0.00	22.19 0.06 0.00	15.76 0.02 0.00	25.32 0.13 0.00	29.40 0.33 0.00	38.03 0.85 0.00	44.77 1.18 0.00	40.83 1.09 0.00	40.21 0.94 0.00	34.74 0.69 0.00	36.90 0.66 0.00
MALONE___115KV_TB1 356076	34.15 0.42 0.00	34.19 0.36 0.00	33.65 0.31 0.00	32.44 0.26 0.00	36.65 0.36 0.00	41.96 0.45 0.00	42.48 0.51 0.00	38.32 0.44 0.00	33.27 0.75 0.00	31.07 0.60 0.00	31.89 0.61 0.00	28.48 0.16 0.00	29.25 0.04 0.00	26.32 -0.27 0.00	21.72 -0.41 0.00	15.34 -0.41 0.00	24.46 -0.73 0.00	28.06 -1.02 0.00	36.36 -0.82 0.00	43.34 -0.25 0.00	42.43 -0.71 -3.40	41.93 -0.83 -3.49	42.95 -0.55 -9.44	35.96 -0.27 0.00
MAPLEWOD_115KV_TB3 80458	34.49 0.76 0.00	34.49 0.66 0.00	33.92 0.58 0.00	32.82 0.64 0.00	37.01 0.71 0.00	42.33 0.81 0.00	42.86 0.90 0.00	38.74 0.86 0.00	33.11 0.59 0.00	30.99 0.52 0.00	31.66 0.38 0.00	28.69 0.37 0.00	29.59 0.37 0.00	27.03 0.44 0.00	22.51 0.37 0.00	16.15 0.40 0.00	25.95 0.76 0.00	30.07 0.99 0.00	38.38 1.19 0.00	44.99 1.40 0.00	41.13 1.39 0.00	40.78 1.52 0.00	35.64 1.58 0.00	37.88 1.65 0.00
MAPLE_RIDGE_WT_1 323574	33.52 -0.20 0.00	33.74 -0.08 0.00	33.31 -0.03 0.00	32.08 -0.09 0.00	36.16 -0.14 0.00	41.25 -0.27 0.00	41.69 -0.28 0.00	37.56 -0.31 0.00	32.45 -0.07 0.00	30.45 -0.03 0.00	31.18 -0.11 0.00	28.12 -0.20 0.00	28.94 -0.27 0.00	26.28 -0.32 0.00	21.77 -0.36 0.00	15.35 -0.40 0.00	24.55 -0.64 0.00	28.42 -0.66 0.00	36.49 -0.70 0.00	43.06 -0.53 0.00	39.09 -0.65 0.00	38.33 -0.94 0.00	33.33 -0.73 0.00	35.66 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	33.52 -0.20 0.00	33.74 -0.08 0.00	33.31 -0.03 0.00	32.08 -0.09 0.00	36.16 -0.14 0.00	41.25 -0.27 0.00	41.69 -0.28 0.00	37.56 -0.31 0.00	32.45 -0.07 0.00	30.45 -0.03 0.00	31.18 -0.11 0.00	28.12 -0.20 0.00	28.94 -0.27 0.00	26.28 -0.32 0.00	21.77 -0.36 0.00	15.35 -0.40 0.00	24.55 -0.64 0.00	28.42 -0.66 0.00	36.49 -0.70 0.00	43.06 -0.53 0.00	39.09 -0.65 0.00	38.33 -0.94 0.00	33.33 -0.73 0.00	35.66 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	33.87 0.14 0.00	33.88 0.05 0.00	33.29 -0.06 0.00	32.08 -0.09 0.00	36.22 -0.07 0.00	41.39 -0.12 0.00	41.88 -0.08 0.00	37.71 -0.16 0.00	32.81 0.29 0.00	30.74 0.27 0.00	31.66 0.37 0.00	28.27 -0.05 0.00	29.07 -0.14 0.00	26.23 -0.36 0.00	21.70 -0.44 0.00	15.31 -0.43 0.00	24.43 -0.76 0.00	27.94 -1.13 0.00	36.00 -1.19 0.00	42.84 -0.76 0.00	33.65 -1.26 4.83	32.95 -1.35 4.96	19.67 -0.98 13.41	35.57 -0.66 0.00
MARSHVLE_115KV_TB1 80742	35.87 2.14 0.00	36.02 2.20 0.00	35.59 2.25 0.00	34.27 2.10 0.00	38.73 2.43 0.00	44.37 2.86 0.00	44.82 2.86 0.00	40.23 2.36 0.00	33.79 1.28 0.00	31.23 0.76 0.00	31.95 0.67 0.00	28.96 0.64 0.00	29.90 0.69 0.00	27.24 0.65 0.00	22.59 0.46 0.00	15.96 0.21 0.00	25.44 0.25 0.00	29.80 0.73 0.00	38.98 1.79 0.00	46.11 2.52 0.00	41.94 2.19 0.00	41.28 2.02 0.00	35.51 1.45 0.00	37.74 1.51 0.00
MARSH_HILL_WT_PWR 323713	31.50 -2.23 0.00	32.26 -1.56 0.00	32.13 -1.21 0.00	31.02 -1.16 0.00	35.29 -1.00 0.00	40.51 -1.01 0.00	40.57 -1.40 0.00	36.16 -1.71 0.00	30.90 -1.61 0.00	28.63 -1.84 0.00	29.19 -2.10 0.00	25.98 -2.34 0.00	26.89 -2.32 0.00	24.41 -2.18 0.00	24.92 -1.95 -4.74	16.77 -1.45 -2.47	26.30 -2.66 -3.77	42.26 -3.04 -16.22	33.95 -3.24 0.00	41.26 -2.33 0.00	37.40 -2.34 0.00	54.52 -2.82 -18.07	31.25 -2.81 0.00	33.30 -2.94 0.00
MCINTYRE_115KV_TB2 80467	34.62 0.89 0.00	34.81 0.98 0.00	34.33 0.99 0.00	33.07 0.89 0.00	37.37 1.08 0.00	42.82 1.30 0.00	43.29 1.33 0.00	39.03 1.16 0.00	33.49 0.97 0.00	30.98 0.51 0.00	31.71 0.43 0.00	28.51 0.20 0.00	29.25 0.04 0.00	26.32 -0.27 0.00	21.73 -0.40 0.00	15.40 -0.35 0.00	24.59 -0.60 0.00	28.36 -0.72 0.00	37.33 0.14 0.00	44.15 0.56 0.00	40.74 0.37 -0.63	40.17 0.25 -0.65	36.14 0.33 -1.75	36.80 0.56 0.00
MECO_____69_KV_BK1 80468	36.05 2.32 0.00	36.14 2.32 0.00	35.65 2.31 0.00	34.38 2.21 0.00	38.88 2.58 0.00	44.59 3.08 0.00	45.25 3.28 0.00	40.66 2.79 0.00	33.89 1.38 0.00	31.01 0.54 0.00	31.53 0.25 0.00	28.52 0.20 0.00	29.43 0.22 0.00	26.84 0.25 0.00	22.29 0.15 0.00	15.82 0.07 0.00	25.34 0.15 0.00	29.88 0.81 0.00	39.51 2.32 0.00	46.84 3.25 0.00	42.69 2.95 0.00	42.03 2.76 0.00	36.22 2.16 0.00	38.47 2.24 0.00
MENANDS___115KV_TB5 355628	34.26 0.53 0.00	34.27 0.44 0.00	33.70 0.36 0.00	32.60 0.43 0.00	36.76 0.46 0.00	42.03 0.51 0.00	42.51 0.55 0.00	38.43 0.56 0.00	32.89 0.37 0.00	30.85 0.38 0.00	31.53 0.25 0.00	28.59 0.27 0.00	29.49 0.29 0.00	26.96 0.37 0.00	22.44 0.31 0.00	16.12 0.37 0.00	25.87 0.69 0.00	29.93 0.85 0.00	38.13 0.95 0.00	44.64 1.05 0.00	40.81 1.07 0.00	40.49 1.23 0.00	35.46 1.41 0.00	37.72 1.48 0.00
MG INDUSTRY___DRP 24185	34.31 0.58 0.00	34.34 0.52 0.00	33.81 0.47 0.00	32.69 0.52 0.00	36.87 0.57 0.00	42.16 0.64 0.00	42.71 0.74 0.00	38.55 0.67 0.00	32.82 0.31 0.00	30.71 0.24 0.00	31.42 0.14 0.00	28.47 0.15 0.00	29.40 0.19 0.00	26.86 0.27 0.00	22.39 0.26 0.00	16.00 0.25 0.00	25.67 0.48 0.00	29.76 0.69 0.00	38.09 0.90 0.00	44.63 1.04 0.00	40.76 1.02 0.00	40.42 1.15 0.00	35.31 1.25 0.00	37.57 1.33 0.00

MID___OSWEGATCHIE_HYD 23849	33.48 -0.25 0.00	33.77 -0.05 0.00	33.28 -0.06 0.00	31.97 -0.20 0.00	36.07 -0.22 0.00	41.27 -0.24 0.00	42.00 0.03 0.00	37.82 -0.05 0.00	32.41 -0.11 0.00	29.92 -0.55 0.00	30.45 -0.83 0.00	27.33 -0.99 0.00	27.97 -1.24 0.00	25.25 -1.34 0.00	20.83 -1.31 0.00	14.71 -1.04 0.00	23.52 -1.66 0.00	27.34 -1.74 0.00	35.97 -1.22 0.00	42.74 -0.85 0.00	39.50 -0.79 -0.54	38.71 -1.11 -0.55	34.55 -1.01 -1.50	35.39 -0.85 0.00
MID___RAQUETTE_HYD 23851	33.51 -0.22 0.00	33.68 -0.14 0.00	33.21 -0.14 0.00	31.97 -0.20 0.00	36.13 -0.16 0.00	41.35 -0.17 0.00	41.82 -0.15 0.00	37.72 -0.15 0.00	32.53 0.02 0.00	30.25 -0.22 0.00	30.99 -0.30 0.00	27.84 -0.48 0.00	28.56 -0.65 0.00	25.70 -0.89 0.00	21.20 -0.93 0.00	15.01 -0.74 0.00	23.97 -1.22 0.00	27.64 -1.44 0.00	36.07 -1.12 0.00	42.65 -0.94 0.00	39.51 -1.02 -0.79	38.93 -1.15 -0.81	35.37 -0.89 -2.20	35.52 -0.72 0.00
MILLIKEN___1 23584	34.15 0.42 0.00	34.27 0.45 0.00	33.82 0.47 0.00	32.56 0.39 0.00	36.81 0.51 0.00	42.22 0.70 0.00	42.68 0.71 0.00	38.48 0.61 0.00	32.88 0.36 0.00	30.63 0.15 0.00	31.19 -0.09 0.00	28.17 -0.15 0.00	29.01 -0.20 0.00	26.41 -0.18 0.00	22.34 -0.15 -0.36	15.79 -0.15 -0.19	25.29 -0.18 -0.28	30.28 -0.02 -1.23	37.51 0.32 0.00	44.14 0.55 0.00	40.28 0.53 0.00	41.10 0.47 -1.37	34.32 0.26 0.00	36.36 0.13 0.00
MILLIKEN___2 23585	34.15 0.42 0.00	34.27 0.45 0.00	33.82 0.47 0.00	32.56 0.39 0.00	36.81 0.51 0.00	42.22 0.70 0.00	42.68 0.71 0.00	38.48 0.61 0.00	32.88 0.36 0.00	30.63 0.15 0.00	31.19 -0.09 0.00	28.17 -0.15 0.00	29.01 -0.20 0.00	26.41 -0.18 0.00	22.34 -0.15 -0.36	15.79 -0.15 -0.19	25.29 -0.18 -0.28	30.28 -0.02 -1.23	37.51 0.32 0.00	44.14 0.55 0.00	40.28 0.53 0.00	41.10 0.47 -1.37	34.32 0.26 0.00	36.36 0.13 0.00
MILLIKEN___DIESEL 23629	34.15 0.42 0.00	34.27 0.45 0.00	33.82 0.47 0.00	32.56 0.39 0.00	36.81 0.51 0.00	42.22 0.70 0.00	42.68 0.71 0.00	38.48 0.61 0.00	32.88 0.36 0.00	30.63 0.15 0.00	31.19 -0.09 0.00	28.17 -0.15 0.00	29.01 -0.20 0.00	26.41 -0.18 0.00	22.34 -0.15 -0.36	15.79 -0.15 -0.19	25.29 -0.18 -0.28	30.28 -0.02 -1.23	37.51 0.32 0.00	44.14 0.55 0.00	40.28 0.53 0.00	41.10 0.47 -1.37	34.32 0.26 0.00	36.36 0.13 0.00
MILLSEAT___LFGE 323607	32.61 -1.12 0.00	33.06 -0.76 0.00	32.80 -0.54 0.00	31.63 -0.54 0.00	35.88 -0.42 0.00	41.12 -0.40 0.00	40.74 -1.22 0.00	36.24 -1.64 0.00	31.12 -1.40 0.00	28.80 -1.68 0.00	29.93 -1.35 0.00	27.12 -1.20 0.00	27.86 -1.35 0.00	25.23 -1.36 0.00	19.99 -1.21 0.94	14.45 -0.80 0.49	22.91 -1.53 0.75	24.47 -1.40 3.21	35.72 -1.46 0.00	41.33 -2.26 0.00	37.74 -2.00 0.00	33.96 -1.73 3.57	32.88 -1.18 0.00	35.20 -1.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.78 1.05 0.00	34.71 0.88 0.00	34.12 0.78 0.00	32.99 0.82 0.00	37.37 1.08 0.00	42.85 1.34 0.00	43.63 1.67 0.00	39.55 1.68 0.00	33.70 1.19 0.00	31.71 1.24 0.00	32.41 1.13 0.00	29.25 0.93 0.00	30.11 0.90 0.00	27.60 1.01 0.00	23.12 0.99 0.00	16.55 0.80 0.00	26.57 1.39 0.00	30.68 1.61 0.00	39.14 1.95 0.00	45.85 2.26 0.00	41.81 2.07 0.00	41.26 1.99 0.00	35.56 1.50 0.00	37.65 1.41 0.00
MILLWOOD_13_KV_LOAD 356217	34.83 1.10 0.00	34.75 0.93 0.00	34.16 0.82 0.00	33.03 0.86 0.00	37.42 1.13 0.00	42.92 1.40 0.00	43.68 1.72 0.00	39.62 1.75 0.00	33.75 1.24 0.00	31.76 1.29 0.00	32.45 1.17 0.00	29.28 0.96 0.00	30.14 0.93 0.00	27.63 1.04 0.00	23.14 1.01 0.00	16.56 0.82 0.00	26.60 1.42 0.00	30.73 1.65 0.00	39.19 2.00 0.00	45.92 2.34 0.00	41.89 2.15 0.00	41.32 2.05 0.00	35.61 1.55 0.00	37.70 1.46 0.00
MODEL_CITY_ENERGY 24167	31.49 -2.24 0.00	31.97 -1.86 0.00	31.76 -1.59 0.00	30.61 -1.56 0.00	34.72 -1.57 0.00	39.72 -1.80 0.00	39.04 -2.93 0.00	34.53 -3.34 0.00	29.89 -2.63 0.00	27.85 -2.62 0.00	29.18 -2.11 0.00	26.49 -1.83 0.00	27.21 -2.00 0.00	24.65 -1.94 0.00	19.30 -1.71 1.12	13.97 -1.20 0.58	22.17 -2.13 0.89	22.98 -2.28 3.82	34.40 -2.79 0.00	39.57 -4.02 0.00	36.13 -3.62 0.00	31.77 -3.25 4.25	31.77 -2.29 0.00	34.13 -2.11 0.00
MODERN_LFGE___ 323580	31.49 -2.24 0.00	31.97 -1.86 0.00	31.76 -1.59 0.00	30.61 -1.56 0.00	34.72 -1.57 0.00	39.72 -1.80 0.00	39.04 -2.93 0.00	34.53 -3.34 0.00	29.89 -2.63 0.00	27.85 -2.62 0.00	29.18 -2.11 0.00	26.49 -1.83 0.00	27.21 -2.00 0.00	24.65 -1.94 0.00	19.30 -1.71 1.12	13.97 -1.20 0.58	22.17 -2.13 0.89	22.98 -2.28 3.82	34.40 -2.79 0.00	39.57 -4.02 0.00	36.13 -3.62 0.00	31.77 -3.25 4.25	31.77 -2.29 0.00	34.13 -2.11 0.00
MOHAWK_PAPER___DRP 24187	34.49 0.76 0.00	34.49 0.66 0.00	33.92 0.58 0.00	32.82 0.64 0.00	37.01 0.71 0.00	42.33 0.81 0.00	42.86 0.90 0.00	38.74 0.86 0.00	33.11 0.59 0.00	30.99 0.52 0.00	31.66 0.38 0.00	28.69 0.37 0.00	29.59 0.37 0.00	27.03 0.44 0.00	22.51 0.37 0.00	16.15 0.40 0.00	25.95 0.76 0.00	30.07 0.99 0.00	38.38 1.19 0.00	44.99 1.40 0.00	41.13 1.39 0.00	40.78 1.52 0.00	35.64 1.58 0.00	37.88 1.65 0.00
MOHICAN___35_KV_115KV_LD 80490	34.90 1.17 0.00	34.91 1.09 0.00	34.29 0.94 0.00	33.17 0.99 0.00	37.58 1.28 0.00	43.09 1.58 0.00	43.81 1.84 0.00	39.50 1.63 0.00	33.59 1.08 0.00	31.71 1.24 0.00	32.42 1.13 0.00	29.30 0.99 0.00	30.24 1.03 0.00	27.55 0.96 0.00	22.95 0.82 0.00	16.43 0.68 0.00	26.48 1.30 0.00	30.80 1.73 0.00	39.65 2.46 0.00	46.65 3.06 0.00	42.59 2.85 0.00	42.04 2.78 0.00	36.23 2.17 0.00	38.49 2.25 0.00
MONGAUP___HYD 23641	35.05 1.32 0.00	35.00 1.18 0.00	34.43 1.09 0.00	33.29 1.11 0.00	37.69 1.39 0.00	43.17 1.65 0.00	43.35 1.38 0.00	39.26 1.39 0.00	33.32 0.80 0.00	31.20 0.72 0.00	31.72 0.43 0.00	28.62 0.30 0.00	29.48 0.27 0.00	26.99 0.40 0.00	22.57 0.44 0.00	16.14 0.39 0.00	25.89 0.70 0.00	29.95 0.88 0.00	38.46 1.27 0.00	45.01 1.42 0.00	41.20 1.46 0.00	41.22 1.95 0.00	35.74 1.68 0.00	37.85 1.61 0.00
MONTAUK___DIESEL 23721	-40.85 0.70 75.28	-49.93 0.47 84.22	-15.90 0.02 49.25	-26.43 0.07 58.67	9.97 0.13 26.45	37.78 2.13 5.86	45.22 3.25 0.00	34.59 2.78 6.06	34.54 2.03 0.00	32.28 1.80 0.00	18.15 1.62 14.75	29.74 1.42 0.00	30.47 1.27 0.00	27.85 1.26 0.00	23.73 1.60 0.00	17.08 1.33 0.00	27.63 2.44 0.00	31.41 2.33 0.00	40.06 2.86 0.00	47.83 4.24 0.00	43.88 4.14 0.00	43.33 4.07 0.00	36.80 2.75 0.00	38.59 2.36 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.10 -0.62 0.00	33.27 -0.55 0.00	33.09 -0.25 0.00	31.93 -0.25 0.00	36.47 0.18 0.00	42.08 0.56 0.00	42.14 0.17 0.00	37.64 -0.24 0.00	32.42 -0.10 0.00	30.23 -0.24 0.00	31.31 0.03 0.00	28.16 -0.16 0.00	28.55 -0.66 0.00	25.90 -0.69 0.00	21.05 -0.66 0.42	14.82 -0.71 0.22	23.15 -1.71 0.33	25.74 -1.91 1.42	35.02 -2.17 0.00	41.07 -2.52 0.00	37.33 -2.42 0.00	35.03 -2.65 1.58	31.60 -2.46 0.00	33.87 -2.36 0.00

MORRIS RIDGE___SOLAR 323848	31.77 -1.96 0.00	32.32 -1.50 0.00	32.13 -1.21 0.00	30.97 -1.21 0.00	35.13 -1.16 0.00	40.25 -1.27 0.00	40.19 -1.77 0.00	35.86 -2.01 0.00	30.53 -1.99 0.00	28.17 -2.30 0.00	28.95 -2.33 0.00	26.04 -2.28 0.00	26.79 -2.42 0.00	24.31 -2.28 0.00	10.43 -1.99 9.71	9.24 -1.45 5.06	15.04 -2.41 7.73	-6.84 -2.64 33.28	34.40 -2.79 0.00	40.98 -2.61 0.00	37.07 -2.68 0.00	-0.63 -2.84 37.06	31.44 -2.61 0.00	33.55 -2.69 0.00
MORTIMER_115KV_TB3 55949	32.86 -0.87 0.00	33.17 -0.65 0.00	32.86 -0.48 0.00	31.66 -0.51 0.00	35.77 -0.53 0.00	40.94 -0.58 0.00	40.90 -1.06 0.00	36.57 -1.30 0.00	31.42 -1.10 0.00	29.25 -1.22 0.00	30.33 -0.95 0.00	27.52 -0.79 0.00	28.38 -0.83 0.00	25.80 -0.79 0.00	21.46 -0.67 0.00	15.27 -0.48 0.00	24.30 -0.89 0.00	28.21 -0.87 0.00	36.21 -0.98 0.00	42.00 -1.59 0.00	38.33 -1.41 0.00	38.05 -1.21 0.00	33.12 -0.94 0.00	35.34 -0.90 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	35.01 1.29 0.00	34.90 1.08 0.00	34.30 0.96 0.00	33.16 0.99 0.00	37.57 1.28 0.00	43.10 1.59 0.00	43.93 1.97 0.00	39.87 2.00 0.00	33.97 1.46 0.00	32.02 1.55 0.00	32.79 1.50 0.00	29.57 1.25 0.00	30.42 1.21 0.00	27.91 1.32 0.00	23.40 1.26 0.00	16.75 1.01 0.00	26.89 1.70 0.00	31.03 1.95 0.00	39.54 2.35 0.00	46.28 2.70 0.00	42.18 2.44 0.00	41.62 2.36 0.00	35.86 1.80 0.00	37.94 1.70 0.00
MUNSVILLE_WIND_PWR 323609	35.61 1.88 0.00	35.57 1.75 0.00	34.93 1.59 0.00	33.39 1.21 0.00	37.97 1.67 0.00	44.17 2.66 0.00	44.95 2.98 0.00	40.50 2.63 0.00	34.48 1.97 0.00	31.64 1.17 0.00	32.12 0.84 0.00	29.16 0.84 0.00	29.71 0.50 0.00	26.95 0.36 0.00	22.64 0.23 -0.27	15.89 0.00 -0.14	25.67 0.27 -0.21	30.94 0.94 -0.92	39.15 1.96 0.00	46.90 3.30 0.00	42.84 3.10 0.00	42.72 2.43 -1.03	35.19 1.13 0.00	36.52 0.28 0.00
N SALMON___HYD 24042	34.15 0.42 0.00	34.19 0.36 0.00	33.65 0.31 0.00	32.44 0.26 0.00	36.65 0.35 0.00	41.96 0.45 0.00	42.48 0.51 0.00	38.32 0.44 0.00	33.27 0.75 0.00	31.07 0.59 0.00	31.89 0.61 0.00	28.48 0.16 0.00	29.25 0.04 0.00	26.32 -0.27 0.00	21.72 -0.41 0.00	15.34 -0.41 0.00	24.46 -0.73 0.00	28.06 -1.02 0.00	36.36 -0.83 0.00	43.34 -0.25 0.00	42.43 -0.71 -3.40	41.93 -0.83 -3.49	42.95 -0.55 -9.44	35.96 -0.27 0.00
N.AKRON__115KV_KNAPP 355671	32.56 -1.17 0.00	33.02 -0.81 0.00	32.76 -0.58 0.00	31.60 -0.57 0.00	35.81 -0.48 0.00	41.04 -0.48 0.00	40.63 -1.34 0.00	36.10 -1.77 0.00	31.05 -1.47 0.00	28.75 -1.72 0.00	29.93 -1.35 0.00	27.12 -1.20 0.00	27.87 -1.34 0.00	25.24 -1.36 0.00	19.90 -1.22 1.01	14.40 -0.82 0.53	22.86 -1.52 0.80	24.19 -1.43 3.45	35.58 -1.61 0.00	41.16 -2.43 0.00	37.61 -2.13 0.00	33.56 -1.86 3.84	32.80 -1.26 0.00	35.14 -1.10 0.00
N.BELMOR_69_KV_BK1 55787	46.95 1.61 -11.61	36.16 1.38 -0.96	34.47 1.13 0.00	33.30 1.13 0.00	37.69 1.40 0.00	43.31 1.79 0.00	44.20 2.24 0.00	39.98 2.11 0.00	34.06 1.54 0.00	31.96 1.48 0.00	32.73 1.45 0.00	29.53 1.21 0.00	30.34 1.13 0.00	27.76 1.17 0.00	23.38 1.25 0.00	16.76 1.01 0.00	27.00 1.81 0.00	31.11 2.04 0.00	39.73 2.54 0.00	46.84 3.25 0.00	42.79 3.04 0.00	42.15 2.89 0.00	36.15 2.09 0.00	38.14 1.90 0.00
N.E_GEN_SANDY PD 24062	34.53 0.80 0.00	34.51 0.69 0.00	33.91 0.56 0.00	32.82 0.65 0.00	37.12 0.82 0.00	42.45 0.93 0.00	43.22 1.08 -0.17	38.90 1.03 0.00	33.22 0.71 0.00	31.34 0.74 -0.13	31.91 0.63 0.00	28.88 0.57 0.00	29.82 0.61 0.00	27.50 0.68 -0.23	22.07 0.65 0.71	16.96 0.61 -0.60	26.29 1.10 0.00	30.33 1.26 0.00	38.58 1.39 0.00	44.98 1.62 0.23	41.31 1.57 0.00	41.20 1.59 -0.35	35.07 1.27 0.26	37.55 1.31 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.71 0.98 0.00	34.64 0.82 0.00	34.08 0.73 0.00	32.95 0.78 0.00	37.35 1.05 0.00	42.85 1.34 0.00	43.62 1.65 0.00	39.53 1.66 0.00	33.68 1.16 0.00	31.66 1.19 0.00	32.33 1.04 0.00	29.17 0.85 0.00	30.03 0.82 0.00	27.53 0.94 0.00	23.05 0.92 0.00	16.50 0.75 0.00	26.47 1.29 0.00	30.59 1.51 0.00	39.04 1.85 0.00	45.73 2.14 0.00	41.72 1.98 0.00	41.15 1.89 0.00	35.47 1.41 0.00	37.56 1.33 0.00
N.QUEENS_27_KV_LOAD 356247	34.98 1.25 -0.01	34.94 1.11 -0.01	34.33 0.98 -0.01	33.19 1.01 -0.01	37.59 1.29 0.00	43.13 1.61 -0.01	43.99 2.02 0.00	39.93 2.06 -0.01	34.03 1.51 0.00	32.06 1.59 0.01	32.86 1.58 0.00	29.64 1.32 0.00	30.49 1.27 -0.01	28.00 1.42 0.01	23.48 1.35 0.01	16.81 1.07 0.01	26.98 1.80 0.01	31.11 2.04 0.00	39.60 2.41 0.01	46.29 2.70 0.00	42.19 2.44 -0.01	41.65 2.38 -0.01	35.92 1.86 -0.01	37.97 1.74 0.00
N.TROY___115KV_TB1 355778	34.47 0.74 0.00	34.47 0.65 0.00	33.88 0.54 0.00	32.79 0.61 0.00	37.05 0.76 0.00	42.38 0.86 0.00	42.93 0.97 0.00	38.75 0.88 0.00	33.10 0.58 0.00	31.05 0.58 0.00	31.74 0.45 0.00	28.74 0.42 0.00	29.68 0.47 0.00	27.09 0.50 0.00	22.59 0.45 0.00	16.20 0.45 0.00	26.04 0.85 0.00	30.12 1.04 0.00	38.46 1.27 0.00	45.10 1.51 0.00	41.22 1.48 0.00	40.80 1.53 0.00	35.36 1.30 0.00	37.61 1.38 0.00
NARROWS_GT1_1 24228	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT1_2 24229	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT1_3 24230	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT1_4 24231	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95

NARROWS_GT1_5 24232	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT1_6 24233	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT1_7 24234	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT1_8 24235	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT2_1 24236	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT2_2 24237	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT2_3 24238	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT2_4 24239	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT2_5 24240	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT2_6 24241	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT2_7 24242	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NARROWS_GT2_8 24243	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.51 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.45 -16.75	58.81 1.82 -24.48	76.30 1.84 -43.99	87.91 1.81 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.03 1.46 -69.44	98.69 1.14 -81.80	98.71 1.92 -71.61	99.35 2.19 -68.08	94.67 2.68 -54.79	99.27 3.13 -52.55	99.41 2.86 -56.81	98.83 2.78 -56.79	60.63 2.18 -24.39	55.29 2.10 -16.95
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.94 1.21 0.00	34.98 1.16 0.00	34.42 1.08 0.00	33.29 1.12 0.00	37.53 1.24 0.00	43.00 1.49 0.00	43.61 1.65 0.00	39.42 1.55 0.00	33.51 0.99 0.00	31.10 0.63 0.00	31.73 0.45 0.00	28.68 0.36 0.00	29.56 0.35 0.00	27.01 0.42 0.00	22.48 0.35 0.00	16.10 0.35 0.00	25.87 0.68 0.00	30.07 1.00 0.00	38.73 1.54 0.00	45.58 1.99 0.00	41.71 1.96 0.00	41.36 2.10 0.00	36.23 2.18 0.00	38.51 2.28 0.00
NCHELSEA_115KV_TR2 355582	35.19 1.46 0.00	35.13 1.31 0.00	34.55 1.21 0.00	33.41 1.24 0.00	37.84 1.55 0.00	43.40 1.89 0.00	44.21 2.24 0.00	40.07 2.20 0.00	34.11 1.59 0.00	31.96 1.49 0.00	32.58 1.29 0.00	29.40 1.08 0.00	30.26 1.05 0.00	27.71 1.12 0.00	23.19 1.06 0.00	16.60 0.85 0.00	26.67 1.48 0.00	30.86 1.79 0.00	39.40 2.21 0.00	46.18 2.58 0.00	42.13 2.38 0.00	41.57 2.30 0.00	35.83 1.78 0.00	37.95 1.71 0.00
NEG CAPITAL___MECHNVIL 23645	34.95 1.22 0.00	34.96 1.14 0.00	34.38 1.04 0.00	33.25 1.07 0.00	37.62 1.32 0.00	43.08 1.57 0.00	43.72 1.76 0.00	39.44 1.57 0.00	33.59 1.08 0.00	31.52 1.04 0.00	32.18 0.90 0.00	29.13 0.81 0.00	30.06 0.85 0.00	27.42 0.83 0.00	22.85 0.72 0.00	16.35 0.61 0.00	26.33 1.15 0.00	30.58 1.50 0.00	39.22 2.03 0.00	46.03 2.45 0.00	42.03 2.28 0.00	41.52 2.25 0.00	35.88 1.82 0.00	38.13 1.90 0.00



NEG CENTRAL_HIGH_ACRES 23767	32.50 -1.22 0.00	32.78 -1.04 0.00	32.46 -0.89 0.00	31.27 -0.91 0.00	35.33 -0.97 0.00	40.45 -1.06 0.00	40.54 -1.43 0.00	36.34 -1.53 0.00	31.15 -1.36 0.00	29.01 -1.46 0.00	30.00 -1.29 0.00	27.19 -1.12 0.00	28.05 -1.17 0.00	25.49 -1.10 0.00	21.21 -0.92 0.00	15.09 -0.66 0.00	24.05 -1.14 0.00	27.94 -1.14 0.00	35.87 -1.32 0.00	41.70 -1.89 0.00	38.04 -1.70 0.00	37.72 -1.55 0.00	32.76 -1.30 0.00	34.91 -1.33 0.00
NEG CENTRAL____DRP 24199	33.49 -0.24 0.00	33.70 -0.13 0.00	33.32 -0.03 0.00	32.11 -0.07 0.00	36.28 -0.02 0.00	41.59 0.07 0.00	41.96 0.00 0.00	37.76 -0.11 0.00	32.25 -0.26 0.00	30.02 -0.45 0.00	30.75 -0.53 0.00	27.82 -0.50 0.00	28.65 -0.56 0.00	26.08 -0.52 0.00	22.14 -0.43 -0.44	15.65 -0.32 -0.23	25.02 -0.52 -0.35	30.13 -0.46 -1.52	36.83 -0.36 0.00	43.22 -0.37 0.00	39.39 -0.35 0.00	40.56 -0.39 -1.69	33.63 -0.43 0.00	35.72 -0.52 0.00
NEG CENTRAL____INDECK 23768	33.39 -0.34 0.00	33.84 0.02 0.00	33.59 0.25 0.00	32.39 0.21 0.00	36.71 0.42 0.00	42.15 0.63 0.00	42.30 0.33 0.00	37.30 -0.58 0.00	30.93 -1.59 0.00	27.98 -2.49 0.00	28.81 -2.47 0.00	26.00 -2.32 0.00	26.95 -2.26 0.00	25.37 -1.23 0.00	25.92 -0.96 -4.75	17.51 -0.71 -2.48	27.72 -1.25 -3.78	44.12 -1.24 -16.28	36.10 -1.09 0.00	43.12 -0.47 0.00	39.32 -0.43 0.00	56.90 -0.50 -18.14	33.48 -0.58 0.00	35.60 -0.64 0.00
NEG CENTRAL____SENECA 23627	33.42 -0.31 0.00	33.68 -0.14 0.00	33.32 -0.02 0.00	32.13 -0.04 0.00	36.35 0.05 0.00	41.68 0.16 0.00	42.06 0.09 0.00	37.82 -0.05 0.00	32.28 -0.24 0.00	29.97 -0.51 0.00	30.67 -0.62 0.00	27.71 -0.61 0.00	28.51 -0.70 0.00	25.94 -0.65 0.00	22.28 -0.56 -0.70	15.70 -0.42 -0.37	25.09 -0.66 -0.56	30.91 -0.57 -2.41	36.79 -0.40 0.00	43.24 -0.35 0.00	39.37 -0.37 0.00	41.52 -0.44 -2.69	33.55 -0.50 0.00	35.64 -0.60 0.00
NEG CENTRAL____STATE_STREET 24147	33.85 0.12 0.00	33.99 0.17 0.00	33.59 0.25 0.00	32.27 0.09 0.00	36.50 0.20 0.00	41.78 0.27 0.00	42.08 0.12 0.00	37.91 0.03 0.00	32.41 -0.11 0.00	30.29 -0.18 0.00	30.96 -0.32 0.00	28.03 -0.29 0.00	28.89 -0.32 0.00	26.31 -0.28 0.00	21.90 -0.23 0.00	15.57 -0.18 0.00	24.90 -0.28 0.00	28.86 -0.22 0.00	37.10 -0.09 0.00	43.48 -0.11 0.00	39.67 -0.08 0.00	39.19 -0.07 0.00	34.01 -0.05 0.00	36.11 -0.13 0.00
NEG MILLWOOD____DRP 24198	35.18 1.46 0.00	35.12 1.30 0.00	34.52 1.18 0.00	33.38 1.20 0.00	37.81 1.52 0.00	43.39 1.88 0.00	44.21 2.25 0.00	40.10 2.23 0.00	34.15 1.63 0.00	32.06 1.58 0.00	32.73 1.45 0.00	29.54 1.22 0.00	30.40 1.19 0.00	27.83 1.24 0.00	23.30 1.17 0.00	16.68 0.93 0.00	26.79 1.60 0.00	30.99 1.91 0.00	39.55 2.36 0.00	46.35 2.76 0.00	42.28 2.54 0.00	41.71 2.45 0.00	35.94 1.88 0.00	38.05 1.81 0.00
NEG NORTH_FLCN_SEA 23793	34.31 0.58 0.00	34.28 0.46 0.00	33.68 0.34 0.00	32.47 0.29 0.00	36.63 0.33 0.00	41.61 0.09 0.00	42.09 0.12 0.00	37.80 -0.07 0.00	32.97 0.46 0.00	30.88 0.40 0.00	31.81 0.53 0.00	28.41 0.09 0.00	29.23 0.02 0.00	26.38 -0.21 0.00	21.81 -0.33 0.00	15.40 -0.35 0.00	24.57 -0.62 0.00	28.07 -1.01 0.00	36.21 -0.98 0.00	43.13 -0.46 0.00	33.97 -0.94 4.83	33.21 -1.10 4.96	20.06 -0.59 13.41	36.06 -0.17 0.00
NEG NORTH_KES_CHATEGAY 23792	33.92 0.19 0.00	33.94 0.11 0.00	33.37 0.03 0.00	32.16 -0.01 0.00	36.31 0.02 0.00	41.60 0.08 0.00	43.07 1.11 0.00	38.77 0.90 0.00	33.64 1.12 0.00	31.14 0.67 0.00	32.01 0.72 0.00	28.31 -0.01 0.00	29.10 -0.11 0.00	26.24 -0.35 0.00	21.69 -0.44 0.00	15.30 -0.44 0.00	24.40 -0.78 0.00	27.91 -1.17 0.00	35.94 -1.25 0.00	42.80 -0.79 0.00	33.17 -1.31 5.26	32.46 -1.40 5.40	18.45 -1.02 14.59	35.55 -0.69 0.00
NEG NORTH____ALICE_FALLS 23915	34.39 0.66 0.00	34.37 0.55 0.00	33.78 0.44 0.00	32.57 0.40 0.00	36.76 0.46 0.00	41.89 0.38 0.00	42.61 0.64 0.00	38.34 0.47 0.00	33.34 0.82 0.00	31.10 0.63 0.00	32.03 0.74 0.00	28.60 0.28 0.00	29.42 0.21 0.00	26.56 -0.03 0.00	21.95 -0.18 0.00	15.50 -0.25 0.00	24.73 -0.46 0.00	28.27 -0.80 0.00	36.56 -0.63 0.00	43.65 0.06 0.00	34.44 -0.47 4.83	33.61 -0.69 4.96	20.37 -0.28 13.41	36.35 0.11 0.00
NEG NORTH____LWR_SARANAC 23913	34.39 0.66 0.00	34.37 0.55 0.00	33.78 0.44 0.00	32.57 0.40 0.00	36.76 0.46 0.00	41.89 0.38 0.00	42.61 0.64 0.00	38.34 0.47 0.00	33.34 0.82 0.00	31.10 0.63 0.00	32.03 0.74 0.00	28.60 0.28 0.00	29.42 0.21 0.00	26.56 -0.03 0.00	21.95 -0.18 0.00	15.50 -0.25 0.00	24.73 -0.46 0.00	28.27 -0.80 0.00	36.56 -0.63 0.00	43.65 0.06 0.00	34.44 -0.47 4.83	33.61 -0.69 4.96	20.37 -0.28 13.41	36.35 0.11 0.00
NEG NORTH____PLATTSBURG 23628	34.39 0.66 0.00	34.37 0.55 0.00	33.78 0.44 0.00	32.57 0.40 0.00	36.76 0.46 0.00	41.89 0.38 0.00	42.61 0.64 0.00	38.34 0.47 0.00	33.34 0.82 0.00	31.10 0.63 0.00	32.03 0.74 0.00	28.60 0.28 0.00	29.42 0.21 0.00	26.56 -0.03 0.00	21.95 -0.18 0.00	15.50 -0.25 0.00	24.73 -0.46 0.00	28.27 -0.80 0.00	36.56 -0.63 0.00	43.65 0.06 0.00	34.44 -0.47 4.83	33.61 -0.69 4.96	20.37 -0.28 13.41	36.35 0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	31.78 -1.95 0.00	32.26 -1.57 0.00	32.04 -1.30 0.00	30.90 -1.28 0.00	35.01 -1.29 0.00	40.04 -1.47 0.00	39.44 -2.52 0.00	34.96 -2.92 0.00	30.20 -2.32 0.00	28.09 -2.38 0.00	29.38 -1.90 0.00	26.66 -1.66 0.00	27.39 -1.82 0.00	24.81 -1.78 0.00	19.17 -1.58 1.39	13.92 -1.10 0.72	22.12 -1.96 1.11	22.24 -2.08 4.76	34.66 -2.53 0.00	39.95 -3.64 0.00	36.48 -3.27 0.00	31.04 -2.93 5.30	31.95 -2.11 0.00	34.29 -1.95 0.00
NEG WEST____LANCASTR 23811	32.29 -1.44 0.00	32.72 -1.10 0.00	32.50 -0.84 0.00	31.30 -0.87 0.00	35.40 -0.90 0.00	40.48 -1.03 0.00	40.22 -1.75 0.00	35.85 -2.02 0.00	30.99 -1.52 0.00	28.92 -1.55 0.00	30.14 -1.14 0.00	27.31 -1.01 0.00	28.07 -1.14 0.00	25.45 -1.14 0.00	20.40 -1.09 0.64	14.65 -0.76 0.33	23.31 -1.37 0.51	25.40 -1.49 2.19	35.44 -1.75 0.00	40.98 -2.61 0.00	37.31 -2.43 0.00	34.63 -2.20 2.44	32.45 -1.61 0.00	34.69 -1.54 0.00
NEG_PENN_ALLEGHNY 23528	33.54 -0.19 0.00	33.69 -0.14 0.00	33.25 -0.09 0.00	32.06 -0.11 0.00	36.22 -0.08 0.00	41.47 -0.04 0.00	41.95 -0.02 0.00	37.83 -0.04 0.00	32.37 -0.15 0.00	30.26 -0.21 0.00	31.05 -0.23 0.00	28.12 -0.20 0.00	28.98 -0.23 0.00	26.40 -0.19 0.00	22.00 -0.14 0.00	15.62 -0.13 0.00	24.99 -0.20 0.00	28.96 -0.12 0.00	37.07 -0.12 0.00	43.47 -0.12 0.00	39.60 -0.14 0.00	39.13 -0.14 0.00	33.79 -0.27 0.00	35.84 -0.40 0.00
NEG____GEN_MONROE 24207	33.06 -0.67 0.00	33.43 -0.39 0.00	33.08 -0.26 0.00	31.92 -0.26 0.00	36.07 -0.23 0.00	41.33 -0.19 0.00	41.27 -0.69 0.00	36.84 -1.03 0.00	31.61 -0.91 0.00	29.31 -1.16 0.00	30.37 -0.91 0.00	27.54 -0.78 0.00	28.36 -0.85 0.00	25.77 -0.82 0.00	21.18 -0.72 0.24	15.14 -0.49 0.12	24.08 -0.92 0.19	27.40 -0.87 0.81	36.35 -0.84 0.00	42.20 -1.39 0.00	38.54 -1.21 0.00	37.35 -1.02 0.90	33.32 -0.74 0.00	35.56 -0.68 0.00

NEPA___ENERGY 23901	32.62 -1.11 0.00	32.90 -0.92 0.00	32.68 -0.67 0.00	31.50 -0.67 0.00	35.78 -0.52 0.00	41.01 -0.50 0.00	41.09 -0.87 0.00	36.77 -1.10 0.00	31.58 -0.93 0.00	29.53 -0.94 0.00	30.56 -0.73 0.00	27.62 -0.69 0.00	28.29 -0.92 0.00	25.68 -0.91 0.00	20.74 -0.77 0.63	14.79 -0.63 0.33	23.43 -1.26 0.50	25.56 -1.38 2.14	35.43 -1.76 0.00	41.29 -2.30 0.00	37.46 -2.29 0.00	34.77 -2.12 2.37	32.19 -1.86 0.00	34.33 -1.91 0.00
NEVERSink___HYD 23608	35.47 1.74 0.00	35.46 1.63 0.00	34.89 1.55 0.00	33.72 1.55 0.00	38.22 1.92 0.00	43.89 2.37 0.00	44.64 2.67 0.00	40.40 2.53 0.00	34.35 1.83 0.00	32.11 1.63 0.00	32.69 1.41 0.00	29.46 1.14 0.00	30.33 1.12 0.00	27.73 1.14 0.00	23.18 1.04 0.00	16.56 0.81 0.00	26.62 1.43 0.00	30.95 1.88 0.00	39.66 2.47 0.00	46.52 2.92 0.00	42.42 2.68 0.00	41.83 2.57 0.00	36.03 1.97 0.00	38.20 1.96 0.00
NEWKRMKL_115KV_TB1 55635	34.11 0.39 0.00	34.12 0.30 0.00	33.58 0.23 0.00	32.48 0.30 0.00	36.57 0.28 0.00	41.83 0.32 0.00	42.32 0.36 0.00	38.27 0.40 0.00	32.73 0.21 0.00	30.69 0.21 0.00	31.38 0.09 0.00	28.45 0.13 0.00	29.34 0.13 0.00	26.84 0.25 0.00	22.37 0.24 0.00	16.05 0.30 0.00	25.77 0.58 0.00	29.81 0.74 0.00	37.98 0.79 0.00	44.44 0.85 0.00	40.62 0.87 0.00	40.36 1.10 0.00	35.49 1.43 0.00	37.73 1.49 0.00
NEWTON___FALLS_HYD 23847	33.48 -0.25 0.00	33.77 -0.05 0.00	33.28 -0.06 0.00	31.97 -0.20 0.00	36.07 -0.22 0.00	41.27 -0.24 0.00	42.00 0.03 0.00	37.82 -0.05 0.00	32.41 -0.11 0.00	29.92 -0.55 0.00	30.45 -0.83 0.00	27.33 -0.99 0.00	27.97 -1.24 0.00	25.25 -1.34 0.00	20.83 -1.31 0.00	14.71 -1.04 0.00	23.52 -1.66 0.00	27.34 -1.74 0.00	35.97 -1.22 0.00	42.74 -0.85 0.00	39.50 -0.79 -0.54	38.71 -1.11 -0.55	34.55 -1.01 -1.50	35.39 -0.85 0.00
NGRID_A1_DSASP 323792	31.32 -2.41 0.00	31.81 -2.01 0.00	31.60 -1.74 0.00	30.40 -1.78 0.00	34.44 -1.86 0.00	39.34 -2.17 0.00	38.71 -3.26 0.00	34.47 -3.39 0.01	29.82 -2.69 0.00	27.79 -2.69 0.00	29.11 -2.17 0.00	26.45 -1.86 0.00	27.26 -1.95 0.00	24.69 -1.90 0.00	19.39 -1.65 1.10	14.01 -1.17 0.57	22.24 -2.08 0.87	23.09 -2.24 3.75	34.40 -2.79 0.00	39.46 -4.13 0.00	36.01 -3.73 0.00	31.78 -3.32 4.17	31.61 -2.45 0.00	33.94 -2.30 0.00
NGRID_A2_DSASP 323793	31.32 -2.41 0.00	31.81 -2.01 0.00	31.60 -1.74 0.00	30.40 -1.78 0.00	34.44 -1.86 0.00	39.34 -2.17 0.00	38.71 -3.26 0.00	34.47 -3.39 0.01	29.82 -2.69 0.00	27.79 -2.69 0.00	29.11 -2.17 0.00	26.45 -1.86 0.00	27.26 -1.95 0.00	24.69 -1.90 0.00	19.39 -1.65 1.10	14.01 -1.17 0.57	22.24 -2.08 0.87	23.09 -2.24 3.75	34.40 -2.79 0.00	39.46 -4.13 0.00	36.01 -3.73 0.00	31.78 -3.32 4.17	31.61 -2.45 0.00	33.94 -2.30 0.00
NGRID_A4_DSASP 323807	31.32 -2.41 0.00	31.81 -2.01 0.00	31.60 -1.74 0.00	30.40 -1.78 0.00	34.44 -1.86 0.00	39.34 -2.17 0.00	38.71 -3.26 0.00	34.47 -3.39 0.01	29.82 -2.69 0.00	27.79 -2.69 0.00	29.11 -2.17 0.00	26.45 -1.86 0.00	27.26 -1.95 0.00	24.69 -1.90 0.00	19.39 -1.65 1.10	14.01 -1.17 0.57	22.24 -2.08 0.87	23.09 -2.24 3.75	34.40 -2.79 0.00	39.46 -4.13 0.00	36.01 -3.73 0.00	31.78 -3.32 4.17	31.61 -2.45 0.00	33.94 -2.30 0.00
NIAGARA_115E_LBMP 323715	31.30 -2.43 0.00	31.78 -2.04 0.00	31.57 -1.77 0.00	30.45 -1.73 0.00	34.54 -1.75 0.00	39.50 -2.02 0.00	38.77 -3.20 0.00	34.23 -3.64 0.00	29.68 -2.83 0.00	27.69 -2.78 0.00	29.04 -2.25 0.00	26.37 -1.94 0.00	27.10 -2.11 0.00	24.54 -2.05 0.00	19.23 -1.81 1.09	13.91 -1.27 0.57	22.08 -2.24 0.87	22.91 -2.42 3.74	34.21 -2.98 0.00	39.31 -4.28 0.00	35.89 -3.85 0.00	31.63 -3.47 4.16	31.63 -2.43 0.00	34.00 -2.24 0.00
NIAGARA_115W_LBMP 323714	31.24 -2.48 0.00	31.73 -2.09 0.00	31.52 -1.82 0.00	30.32 -1.85 0.00	34.34 -1.96 0.00	39.24 -2.28 0.00	38.60 -3.36 0.00	34.38 -3.48 0.01	29.75 -2.77 0.00	27.72 -2.75 0.00	29.04 -2.25 0.00	26.39 -1.92 0.00	27.18 -2.03 0.00	24.62 -1.97 0.00	19.32 -1.72 1.10	13.96 -1.21 0.57	22.16 -2.15 0.88	22.97 -2.33 3.77	34.28 -2.91 0.00	39.33 -4.26 0.00	35.89 -3.85 0.00	31.64 -3.43 4.19	31.51 -2.55 0.00	33.84 -2.40 0.00
NIAGARA_230_LBMP 323716	31.55 -2.18 0.00	32.01 -1.81 0.00	31.80 -1.54 0.00	30.60 -1.57 0.00	34.66 -1.64 0.00	39.60 -1.92 0.00	39.01 -2.95 0.00	34.61 -3.26 0.00	30.00 -2.52 0.00	27.99 -2.48 0.00	29.29 -1.99 0.00	26.62 -1.70 0.00	27.42 -1.79 0.00	24.84 -1.75 0.00	19.50 -1.49 1.14	14.09 -1.06 0.60	22.36 -1.92 0.91	23.13 -2.04 3.90	34.63 -2.56 0.00	39.76 -3.83 0.00	36.27 -3.47 0.00	31.88 -3.04 4.34	31.79 -2.26 0.00	34.12 -2.12 0.00
NIAGARA___115KV_198_GIBSON 55903	31.25 -2.48 0.00	31.73 -2.09 0.00	31.52 -1.82 0.00	30.36 -1.82 0.00	34.34 -1.96 0.00	39.24 -2.28 0.00	38.60 -3.36 0.00	34.37 -3.49 0.01	29.74 -2.77 0.00	27.72 -2.76 0.00	29.04 -2.25 0.00	26.39 -1.93 0.00	27.18 -2.03 0.00	24.62 -1.97 0.00	19.30 -1.73 1.10	13.96 -1.22 0.57	22.18 -2.14 0.88	22.95 -2.35 3.77	34.22 -2.97 0.00	39.28 -4.31 0.00	35.89 -3.85 0.00	31.61 -3.46 4.19	31.50 -2.56 0.00	33.84 -2.39 0.00
NIAGARA___ 23760	31.55 -2.18 0.00	32.01 -1.81 0.00	31.80 -1.54 0.00	30.60 -1.57 0.00	34.66 -1.64 0.00	39.60 -1.92 0.00	39.01 -2.95 0.00	34.61 -3.26 0.00	30.00 -2.52 0.00	27.99 -2.48 0.00	29.29 -1.99 0.00	26.62 -1.70 0.00	27.42 -1.79 0.00	24.84 -1.75 0.00	19.53 -1.49 1.11	14.11 -1.06 0.58	22.39 -1.92 0.88	23.22 -2.04 3.81	34.63 -2.56 0.00	39.76 -3.83 0.00	36.27 -3.47 0.00	31.97 -3.04 4.25	31.79 -2.26 0.00	34.12 -2.12 0.00
NINE_MILE_1 23575	32.82 -0.91 0.00	32.96 -0.87 0.00	32.53 -0.81 0.00	31.36 -0.82 0.00	35.26 -1.03 0.00	40.30 -1.21 0.00	40.66 -1.30 0.00	36.66 -1.22 0.00	31.47 -1.05 0.00	29.47 -1.00 0.00	30.35 -0.93 0.00	27.54 -0.78 0.00	28.46 -0.75 0.00	25.93 -0.66 0.00	21.59 -0.55 0.00	15.34 -0.41 0.00	24.47 -0.72 0.00	28.20 -0.87 0.00	36.01 -1.18 0.00	42.16 -1.43 0.00	38.45 -1.29 0.00	38.01 -1.25 0.00	32.94 -1.11 0.00	35.05 -1.19 0.00
NINE_MILE_2 23744	32.82 -0.91 0.00	32.96 -0.87 0.00	32.53 -0.81 0.00	31.36 -0.82 0.00	35.26 -1.03 0.00	40.30 -1.21 0.00	40.66 -1.30 0.00	36.66 -1.22 0.00	31.47 -1.05 0.00	29.47 -1.00 0.00	30.35 -0.93 0.00	27.54 -0.78 0.00	28.46 -0.75 0.00	25.93 -0.66 0.00	21.59 -0.55 0.00	15.34 -0.41 0.00	24.47 -0.72 0.00	28.20 -0.87 0.00	36.01 -1.18 0.00	42.16 -1.43 0.00	38.45 -1.29 0.00	38.01 -1.25 0.00	32.94 -1.11 0.00	35.05 -1.19 0.00
NM_CAPITAL___DRP 24208	34.18 0.45 0.00	34.18 0.36 0.00	33.62 0.28 0.00	32.53 0.35 0.00	36.65 0.36 0.00	41.91 0.39 0.00	42.40 0.44 0.00	38.33 0.45 0.00	32.82 0.30 0.00	30.80 0.33 0.00	31.50 0.21 0.00	28.54 0.23 0.00	29.45 0.24 0.00	26.91 0.32 0.00	22.41 0.28 0.00	16.08 0.34 0.00	25.83 0.64 0.00	29.86 0.79 0.00	38.03 0.84 0.00	44.52 0.92 0.00	40.69 0.95 0.00	40.41 1.14 0.00	35.43 1.37 0.00	37.69 1.45 0.00

NM_CENTRAL___DRP 24181	33.44 -0.29 0.00	33.58 -0.24 0.00	33.14 -0.20 0.00	31.96 -0.22 0.00	36.00 -0.30 0.00	41.19 -0.33 0.00	41.60 -0.37 0.00	37.49 -0.39 0.00	32.12 -0.39 0.00	30.02 -0.45 0.00	30.88 -0.41 0.00	28.00 -0.32 0.00	28.91 -0.30 0.00	26.34 -0.25 0.00	21.93 -0.20 0.00	15.58 -0.16 0.00	24.90 -0.29 0.00	28.78 -0.29 0.00	36.82 -0.37 0.00	43.09 -0.50 0.00	39.32 -0.42 0.00	38.87 -0.40 0.00	33.63 -0.42 0.00	35.74 -0.49 0.00
NM_FRONTIER___DRP 24179	31.25 -2.48 0.00	31.73 -2.09 0.00	31.52 -1.82 0.00	30.36 -1.82 0.00	34.34 -1.96 0.00	39.24 -2.28 0.00	38.60 -3.36 0.00	34.37 -3.49 0.01	29.74 -2.77 0.00	27.72 -2.76 0.00	29.04 -2.25 0.00	26.39 -1.93 0.00	27.18 -2.03 0.00	24.62 -1.97 0.00	19.30 -1.73 1.10	13.96 -1.22 0.57	22.18 -2.14 0.88	22.95 -2.35 3.77	34.22 -2.97 0.00	39.28 -4.31 0.00	35.89 -3.85 0.00	31.61 -3.46 4.19	31.50 -2.56 0.00	33.84 -2.39 0.00
NM_ST_REGIS___HYD 24053	33.70 -0.03 0.00	33.84 0.02 0.00	33.35 0.00 0.00	32.12 -0.05 0.00	36.28 -0.02 0.00	41.53 0.02 0.00	42.02 0.05 0.00	37.90 0.03 0.00	32.76 0.24 0.00	30.49 0.01 0.00	31.25 -0.03 0.00	28.02 -0.29 0.00	28.75 -0.46 0.00	25.85 -0.74 0.00	21.32 -0.81 0.00	15.09 -0.66 0.00	24.09 -1.09 0.00	27.74 -1.34 0.00	36.12 -1.06 0.00	42.85 -0.74 0.00	40.14 -0.93 -1.33	39.57 -1.07 -1.37	36.96 -0.79 -3.69	35.65 -0.59 0.00
NORTHPORT___1 23551	36.73 1.36 -1.65	35.11 1.16 -0.13	34.16 0.82 0.00	32.99 0.81 0.00	37.29 0.99 0.00	42.87 1.36 0.00	43.71 1.74 0.00	39.42 1.55 0.00	33.58 1.07 0.00	31.51 1.03 0.00	32.30 1.02 0.00	29.17 0.85 0.00	29.98 0.77 0.00	27.39 0.80 0.00	23.17 1.04 0.00	16.62 0.87 0.00	26.80 1.61 0.00	30.78 1.70 0.00	39.26 2.07 0.00	46.45 2.86 0.00	42.52 2.78 0.00	41.87 2.60 0.00	35.82 1.76 0.00	37.73 1.50 0.00
NORTHPORT___2 23552	36.73 1.36 -1.65	35.11 1.16 -0.13	34.16 0.82 0.00	32.99 0.81 0.00	37.29 0.99 0.00	42.87 1.36 0.00	43.71 1.74 0.00	39.42 1.55 0.00	33.58 1.07 0.00	31.51 1.03 0.00	32.30 1.02 0.00	29.17 0.85 0.00	29.98 0.77 0.00	27.39 0.80 0.00	23.17 1.04 0.00	16.62 0.87 0.00	26.80 1.61 0.00	30.78 1.70 0.00	39.26 2.07 0.00	46.45 2.86 0.00	42.52 2.78 0.00	41.87 2.60 0.00	35.82 1.76 0.00	37.73 1.50 0.00
NORTHPORT___3 23553	36.59 1.25 -1.61	35.02 1.07 -0.13	34.10 0.76 0.00	32.92 0.75 0.00	37.23 0.94 0.00	42.76 1.25 0.00	43.61 1.65 0.00	39.33 1.45 0.00	33.45 0.94 0.00	31.42 0.95 0.00	32.29 1.01 0.00	29.16 0.84 0.00	29.96 0.75 0.00	27.42 0.83 0.00	23.14 1.00 0.00	16.60 0.85 0.00	26.76 1.57 0.00	30.77 1.70 0.00	39.25 2.06 0.00	46.38 2.79 0.00	42.42 2.68 0.00	41.79 2.52 0.00	35.80 1.74 0.00	37.72 1.48 0.00
NORTHPORT___4 23650	36.59 1.25 -1.61	35.02 1.07 -0.13	34.10 0.76 0.00	32.92 0.75 0.00	37.23 0.94 0.00	42.76 1.25 0.00	43.61 1.65 0.00	39.33 1.45 0.00	33.45 0.94 0.00	31.42 0.95 0.00	32.29 1.01 0.00	29.16 0.84 0.00	29.96 0.75 0.00	27.42 0.83 0.00	23.14 1.00 0.00	16.60 0.85 0.00	26.76 1.57 0.00	30.77 1.70 0.00	39.25 2.06 0.00	46.38 2.79 0.00	42.42 2.68 0.00	41.79 2.52 0.00	35.80 1.74 0.00	37.72 1.48 0.00
NORTHPORT___IC 23718	36.73 1.36 -1.65	35.12 1.16 -0.13	34.16 0.82 0.00	32.98 0.81 0.00	37.29 0.99 0.00	42.88 1.36 0.00	43.71 1.74 0.00	39.42 1.55 0.00	33.58 1.07 0.00	31.51 1.03 0.00	32.30 1.02 0.00	29.17 0.86 0.00	29.98 0.77 0.00	27.39 0.80 0.00	23.18 1.05 0.00	16.62 0.87 0.00	26.80 1.61 0.00	30.78 1.70 0.00	39.28 2.08 0.00	46.46 2.87 0.00	42.52 2.78 0.00	41.87 2.60 0.00	35.82 1.77 0.00	37.74 1.50 0.00
NORTH___COUNTRY_ESR 323785	33.84 0.11 0.00	33.84 0.01 0.00	33.27 -0.07 0.00	32.07 -0.11 0.00	36.22 -0.07 0.00	41.42 -0.09 0.00	41.89 -0.07 0.00	37.73 -0.14 0.00	32.84 0.33 0.00	30.81 0.34 0.00	31.72 0.44 0.00	28.31 -0.01 0.00	29.10 -0.11 0.00	26.24 -0.35 0.00	21.69 -0.44 0.00	15.30 -0.44 0.00	24.40 -0.78 0.00	27.91 -1.17 0.00	35.94 -1.25 0.00	42.80 -0.79 0.00	33.17 -1.31 5.26	32.46 -1.40 5.40	18.45 -1.02 14.59	35.55 -0.69 0.00
NPX_GEN_1385_PROXY 323591	36.45 1.08 -1.65	35.06 1.10 -0.13	33.88 0.53 0.00	32.75 0.57 0.00	36.96 0.67 0.00	42.50 0.99 0.00	43.15 1.19 0.00	38.56 0.69 0.00	33.12 0.61 0.00	31.11 0.64 0.00	31.82 0.53 0.00	28.78 0.46 0.00	29.57 0.36 0.00	26.85 0.26 0.00	22.98 0.85 0.00	16.47 0.72 0.00	26.56 1.37 0.00	30.45 1.38 0.00	38.90 1.71 0.00	46.18 2.59 0.00	42.66 2.91 0.00	41.80 2.54 0.00	35.76 1.70 0.00	37.66 1.43 0.00
NPX_GEN_CSC 323557	-35.18 1.06 69.96	-43.77 0.83 78.42	-11.97 0.55 45.86	-21.92 0.54 54.64	12.40 0.74 24.63	37.32 1.27 5.46	43.72 1.76 0.00	33.68 1.45 5.64	33.48 0.97 0.00	31.42 0.94 0.00	18.35 0.81 13.74	29.09 0.77 0.00	29.85 0.64 0.00	27.28 0.69 0.00	23.29 1.16 0.00	16.74 0.99 0.00	27.05 1.86 0.00	30.64 1.56 0.00	38.76 1.58 0.00	46.37 2.78 0.00	42.58 2.83 0.00	42.13 2.87 0.00	35.70 1.64 0.00	37.45 1.21 0.00
NSINS_S___GLNS_FALLS 23858	34.89 1.16 0.00	34.90 1.08 0.00	34.29 0.94 0.00	33.16 0.99 0.00	37.57 1.28 0.00	43.09 1.58 0.00	43.80 1.84 0.00	39.49 1.62 0.00	33.59 1.07 0.00	31.77 1.29 0.00	32.47 1.19 0.00	29.37 1.05 0.00	30.29 1.08 0.00	27.58 0.99 0.00	22.98 0.85 0.00	16.44 0.69 0.00	26.51 1.32 0.00	30.85 1.78 0.00	39.73 2.54 0.00	46.70 3.11 0.00	42.65 2.91 0.00	42.13 2.87 0.00	36.32 2.27 0.00	38.55 2.31 0.00
NUCOR_STEEL___DRP 24197	33.85 0.12 0.00	33.98 0.15 0.00	33.58 0.23 0.00	32.24 0.06 0.00	36.47 0.17 0.00	41.73 0.22 0.00	42.01 0.05 0.00	37.85 -0.03 0.00	32.37 -0.15 0.00	30.29 -0.18 0.00	30.96 -0.33 0.00	28.03 -0.29 0.00	28.90 -0.31 0.00	26.31 -0.28 0.00	21.91 -0.22 0.00	15.57 -0.18 0.00	24.92 -0.27 0.00	28.86 -0.22 0.00	37.06 -0.12 0.00	43.43 -0.16 0.00	39.62 -0.12 0.00	39.16 -0.10 0.00	34.00 -0.05 0.00	36.12 -0.12 0.00
NUMBER_THREE_WT_PWR 323818	34.09 0.36 0.00	34.50 0.68 0.00	33.98 0.64 0.00	32.56 0.38 0.00	36.70 0.41 0.00	41.96 0.45 0.00	42.89 0.93 0.00	38.62 0.75 0.00	32.96 0.44 0.00	30.31 -0.16 0.00	30.68 -0.60 0.00	27.50 -0.82 0.00	28.11 -1.11 0.00	25.43 -1.16 0.00	20.97 -1.16 0.00	14.78 -0.97 0.00	23.65 -1.54 0.00	27.68 -1.40 0.00	36.55 -0.64 0.00	43.62 0.02 0.00	40.10 0.12 -0.24	38.95 -0.56 -0.24	34.03 -0.69 -0.66	35.78 -0.46 0.00
NYISO_LBMP_REFERENCE 24008	33.73 0.00 0.00	33.82 0.00 0.00	33.34 0.00 0.00	32.18 0.00 0.00	36.30 0.00 0.00	41.51 0.00 0.00	41.96 0.00 0.00	37.87 0.00 0.00	32.51 0.00 0.00	30.47 0.00 0.00	31.28 0.00 0.00	28.32 0.00 0.00	29.21 0.00 0.00	26.59 0.00 0.00	22.13 0.00 0.00	15.75 0.00 0.00	25.19 0.00 0.00	29.07 0.00 0.00	37.19 0.00 0.00	43.59 0.00 0.00	39.74 0.00 0.00	39.27 0.00 0.00	34.06 0.00 0.00	36.24 0.00 0.00

NYPA_BRENTWD____GT 24164	37.76	35.49	34.50	33.30	37.68	43.37	44.27	39.95	34.02	31.88	32.62	29.45	30.23	27.62	23.37	16.76	27.07	31.12	39.74	47.06	43.04	42.40	36.24	38.15
	1.69	1.47	1.16	1.13	1.39	1.86	2.31	2.08	1.50	1.41	1.34	1.13	1.02	1.03	1.24	1.01	1.88	2.04	2.55	3.47	3.30	3.13	2.18	1.92
	-2.34	-0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT5 24156	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.91	65.18	61.47	67.94	93.03	98.69	98.71	99.35	94.67	99.27	99.41	98.83	60.63	55.29
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.84	1.81	1.53	1.53	1.59	1.46	1.14	1.92	2.19	2.68	3.13	2.86	2.78	2.18	2.10
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
NYPA_GOWANUS____GT6 24157	57.27	56.25	55.88	55.51	56.27	57.85	56.37	57.08	58.81	76.30	87.91	65.18	61.47	67.94	93.03	98.69	98.71	99.35	94.67	99.27	99.41	98.83	60.63	55.29
	1.65	1.41	1.27	1.29	1.64	2.03	2.44	2.45	1.82	1.84	1.81	1.53	1.53	1.59	1.46	1.14	1.92	2.19	2.68	3.13	2.86	2.78	2.18	2.10
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-24.48	-43.99	-54.82	-35.33	-30.73	-39.76	-69.44	-81.80	-71.61	-68.08	-54.79	-52.55	-56.81	-56.79	-24.39	-16.95
NYPA_HARLEM__RVR__GT1 24160	34.95	34.90	34.29	33.15	37.55	43.07	43.92	39.86	33.97	32.01	32.79	29.58	30.43	27.95	23.43	16.78	26.93	31.05	39.54	46.23	42.13	41.59	35.87	37.92
	1.22	1.07	0.94	0.97	1.25	1.55	1.96	1.99	1.45	1.55	1.51	1.27	1.21	1.36	1.31	1.04	1.75	1.98	2.36	2.64	2.38	2.32	1.81	1.68
	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	-0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	-0.01	-0.01	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	34.95	34.90	34.29	33.15	37.55	43.07	43.92	39.86	33.97	32.01	32.79	29.58	30.43	27.95	23.43	16.78	26.93	31.05	39.54	46.23	42.13	41.59	35.87	37.92
	1.22	1.07	0.94	0.97	1.25	1.55	1.96	1.99	1.45	1.55	1.51	1.27	1.21	1.36	1.31	1.04	1.75	1.98	2.36	2.64	2.38	2.32	1.81	1.68
	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	-0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	-0.01	-0.01	0.00	0.00
NYPA_KENT____GT 24152	48.45	47.79	47.34	46.65	48.86	52.04	51.48	50.54	50.16	67.78	78.67	55.66	51.29	58.24	84.51	87.16	85.18	86.08	83.30	80.09	78.07	76.49	50.83	48.44
	1.55	1.32	1.19	1.21	1.54	1.91	2.31	2.34	1.74	1.78	1.76	1.48	1.46	1.54	1.44	1.12	1.90	2.16	2.63	3.04	2.77	2.69	2.09	2.00
	-13.17	-12.65	-12.80	-13.27	-11.03	-8.61	-7.21	-10.32	-15.90	-35.53	-45.63	-25.86	-20.62	-30.10	-60.93	-70.28	-58.09	-54.84	-43.48	-33.46	-35.56	-34.53	-14.68	-10.20
NYPA_POUCH1____GT 24155	57.24	56.21	55.84	55.47	56.21	57.80	56.30	56.98	57.49	59.31	64.80	55.21	57.59	59.64	54.58	56.42	54.89	59.39	59.50	95.66	99.28	98.74	60.55	55.25
	1.62	1.37	1.23	1.25	1.59	1.99	2.36	2.36	1.71	1.72	1.69	1.42	1.44	1.48	1.37	1.07	1.79	2.03	2.53	2.96	2.74	2.69	2.11	2.06
	-21.89	-21.02	-21.26	-22.04	-18.33	-14.30	-11.97	-16.75	-23.26	-27.12	-31.83	-25.47	-26.94	-31.56	-31.08	-39.61	-27.91	-28.28	-19.78	-49.11	-56.81	-56.79	-24.39	-16.95
NYPA_VERNON____GT2 24162	39.64	39.34	38.78	37.79	41.46	46.22	46.59	44.00	41.50	59.26	69.43	46.14	41.12	48.55	75.98	75.63	71.64	72.82	71.93	60.91	56.74	54.13	41.03	41.59
	1.45	1.23	1.10	1.12	1.43	1.79	2.18	2.23	1.66	1.74	1.71	1.43	1.40	1.50	1.41	1.11	1.88	2.14	2.58	2.95	2.68	2.59	2.00	1.90
	-4.46	-4.29	-4.34	-4.50	-3.73	-2.92	-2.44	-3.89	-7.32	-27.05	-36.44	-16.39	-10.51	-20.45	-52.44	-58.77	-44.57	-41.60	-32.16	-14.37	-14.32	-12.27	-4.97	-3.45
NYPA_VERNON____GT3 24163	39.64	39.34	38.78	37.79	41.46	46.22	46.59	44.00	41.50	59.26	69.43	46.14	41.12	48.55	75.98	75.63	71.64	72.82	71.93	60.91	56.74	54.13	41.03	41.59
	1.45	1.23	1.10	1.12	1.43	1.79	2.18	2.23	1.66	1.74	1.71	1.43	1.40	1.50	1.41	1.11	1.88	2.14	2.58	2.95	2.68	2.59	2.00	1.90
	-4.46	-4.29	-4.34	-4.50	-3.73	-2.92	-2.44	-3.89	-7.32	-27.05	-36.44	-16.39	-10.51	-20.45	-52.44	-58.77	-44.57	-41.60	-32.16	-14.37	-14.32	-12.27	-4.97	-3.45
NYPA__ASTORIA_CC1 323568	35.15	35.03	34.42	33.27	37.69	43.26	44.10	40.55	36.51	50.46	58.48	39.00	34.87	40.55	62.21	59.39	57.34	59.21	60.95	50.21	45.16	42.54	36.03	38.10
	1.41	1.20	1.07	1.09	1.39	1.74	2.14	2.19	1.63	1.71	1.67	1.39	1.37	1.47	1.40	1.10	1.86	2.12	2.54	2.91	2.64	2.55	1.97	1.86
	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.49	-2.37	-18.28	-25.53	-9.29	-4.30	-12.48	-38.68	-42.54	-30.29	-28.01	-21.22	-3.71	-2.78	-0.72	-0.01	0.00
NYPA__ASTORIA_CC2 323569	35.15	35.03	34.42	33.27	37.69	43.26	44.10	40.55	36.51	50.46	58.48	39.00	34.87	40.55	62.21	59.39	57.34	59.21	60.95	50.21	45.16	42.54	36.03	38.10
	1.41	1.20	1.07	1.09	1.39	1.74	2.14	2.19	1.63	1.71	1.67	1.39	1.37	1.47	1.40	1.10	1.86	2.12	2.54	2.91	2.64	2.55	1.97	1.86
	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.49	-2.37	-18.28	-25.53	-9.29	-4.30	-12.48	-38.68	-42.54	-30.29	-28.01	-21.22	-3.71	-2.78	-0.72	-0.01	0.00
NYPA__HOLTSVILL 23794	37.03	35.12	34.18	33.01	37.35	43.02	43.92	39.59	33.73	31.63	32.35	29.23	30.01	27.43	23.26	16.70	26.96	30.88	39.37	46.67	42.72	42.12	35.96	37.81
	1.37	1.14	0.84	0.83	1.06	1.51	1.95	1.72	1.21	1.16	1.07	0.91	0.80	0.84	1.13	0.95	1.78	1.80	2.18	3.08	2.98	2.85	1.90	1.57
	-1.93	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT1 24158	34.95	34.90	34.29	33.15	37.55	43.07	43.92	39.86	33.96	31.99	32.79	29.58	30.43	27.95	23.43	16.78	26.93	31.04	39.54	46.23	42.13	41.59	35.87	37.92
	1.22	1.07	0.94	0.97	1.25	1.55	1.96	1.99	1.45	1.53	1.50	1.26	1.21	1.36	1.31	1.04	1.75	1.97	2.36	2.64	2.38	2.32	1.81	1.68
	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	-0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	-0.01	-0.01	0.00	0.00
NYPA__HELLGATE_GT2 24159	34.95	34.90	34.29	33.15	37.55	43.07	43.92	39.86	33.96	31.99	32.79	29.58	30.43	27.95	23.43	16.78	26.93	31.04	39.54	46.23	42.13	41.59	35.87	37.92
	1.22	1.07	0.94	0.97	1.25	1.55	1.96	1.99	1.45	1.53	1.50	1.26	1.21	1.36	1.31	1.04	1.75	1.97	2.36	2.64	2.38	2.32	1.81	1.68
	-0.01	-0.01	-0.01	-0.01	0.00	-0.01	0.00	-0.01	0.00	0.01	0.00	0.00	-0.01	0.01	0.01	0.01	0.01	0.00	0.01	0.00	-0.01	-0.01	0.00	0.00
NYS_BARGE__HYD 23848	31.83	32.31	32.08	30.92	35.07	40.13	39.52	35.04	30.25	28.13	29.42	26.69	27.42	24.83	19.42	14.06	22.31	23.06	34.76	40.04	36.54	31.97	32.04	34.39
	-1.90	-1.51	-1.26	-1.25	-1.23	-1.38	-2.45	-2.84	-2.27	-2.35	-1.87	-1.63	-1.79	-1.76	-1.55	-1.08	-1.95	-2.03	-2.43	-3.55	-3.21	-2.86	-2.02	-1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.61	0.93	3.98	0.00	0.00	0.00	4.43	0.00	0.00

OAK ORCHARD___HYD 24046	32.86 -0.87 0.00	33.17 -0.65 0.00	32.86 -0.48 0.00	31.64 -0.54 0.00	35.77 -0.53 0.00	40.94 -0.58 0.00	40.90 -1.06 0.00	36.58 -1.29 0.00	31.42 -1.09 0.00	29.25 -1.22 0.00	30.33 -0.95 0.00	27.52 -0.79 0.00	28.38 -0.83 0.00	25.80 -0.79 0.00	21.47 -0.66 0.00	15.27 -0.47 0.00	24.30 -0.89 0.00	28.22 -0.86 0.00	36.24 -0.95 0.00	42.03 -1.56 0.00	38.34 -1.40 0.00	38.07 -1.19 0.00	33.12 -0.94 0.00	35.34 -0.90 0.00
OAKDALE___35_KV_LOAD 356122	33.49 -0.24 0.00	33.64 -0.18 0.00	33.21 -0.13 0.00	32.03 -0.15 0.00	36.16 -0.14 0.00	41.40 -0.12 0.00	41.85 -0.11 0.00	37.74 -0.13 0.00	32.30 -0.22 0.00	30.22 -0.25 0.00	31.03 -0.26 0.00	28.11 -0.21 0.00	28.97 -0.24 0.00	26.39 -0.20 0.00	21.99 -0.14 0.00	15.62 -0.13 0.00	24.99 -0.20 0.00	28.93 -0.15 0.00	37.01 -0.18 0.00	43.38 -0.21 0.00	39.52 -0.22 0.00	39.06 -0.20 0.00	33.74 -0.31 0.00	35.81 -0.43 0.00
OCC_CHEM___DRP 24175	31.32 -2.41 0.00	31.81 -2.01 0.00	31.60 -1.74 0.00	30.43 -1.74 0.00	34.44 -1.86 0.00	39.34 -2.17 0.00	38.71 -3.26 0.00	34.46 -3.40 0.01	29.81 -2.70 0.00	27.78 -2.69 0.00	29.11 -2.18 0.00	26.46 -1.86 0.00	27.25 -1.96 0.00	24.69 -1.90 0.00	19.37 -1.67 1.10	14.01 -1.17 0.57	22.25 -2.06 0.87	23.08 -2.26 3.75	34.34 -2.85 0.00	39.41 -4.18 0.00	36.00 -3.74 0.00	31.76 -3.34 4.17	31.59 -2.46 0.00	33.94 -2.30 0.00
OH_GEN_PROXY 24063	31.59 -2.14 0.00	32.05 -1.77 0.00	31.84 -1.50 0.00	30.64 -1.53 0.00	34.69 -1.60 0.00	39.63 -1.88 0.00	39.09 -2.87 0.00	34.72 -3.15 0.00	30.08 -2.44 0.00	28.08 -2.39 0.00	29.37 -1.92 0.00	26.68 -1.64 0.00	27.49 -1.72 0.00	24.91 -1.69 0.00	19.68 -1.44 1.01	14.19 -1.03 0.53	22.53 -1.85 0.81	23.65 -1.97 3.46	34.73 -2.46 0.00	39.89 -3.70 0.00	36.39 -3.35 0.00	32.48 -2.94 3.85	31.86 -2.20 0.00	34.17 -2.07 0.00
OLIN_CORP_DRP 24177	31.35 -2.38 0.00	31.83 -1.99 0.00	31.62 -1.72 0.00	30.52 -1.66 0.00	34.58 -1.72 0.00	39.55 -1.97 0.00	38.83 -3.13 0.00	34.30 -3.57 0.00	29.74 -2.78 0.00	27.75 -2.72 0.00	29.10 -2.19 0.00	26.42 -1.90 0.00	27.16 -2.05 0.00	24.60 -1.99 0.00	19.30 -1.77 1.07	13.96 -1.23 0.56	22.17 -2.16 0.85	23.05 -2.36 3.66	34.23 -2.96 0.00	39.37 -4.22 0.00	35.96 -3.78 0.00	31.79 -3.41 4.08	31.67 -2.39 0.00	34.04 -2.20 0.00
OLIN_CORP_DSASP 323712	31.32 -2.41 0.00	31.81 -2.01 0.00	31.60 -1.74 0.00	30.40 -1.78 0.00	34.44 -1.86 0.00	39.34 -2.17 0.00	38.71 -3.26 0.00	34.47 -3.39 0.01	29.82 -2.69 0.00	27.79 -2.69 0.00	29.11 -2.17 0.00	26.45 -1.86 0.00	27.26 -1.95 0.00	24.69 -1.90 0.00	19.39 -1.65 1.10	14.01 -1.17 0.57	22.24 -2.08 0.87	23.09 -2.24 3.75	34.40 -2.79 0.00	39.46 -4.13 0.00	36.01 -3.73 0.00	31.78 -3.32 4.17	31.61 -2.45 0.00	33.94 -2.30 0.00
ONEIDA_HERK_LFGE 323681	34.35 0.62 0.00	34.58 0.75 0.00	34.06 0.72 0.00	32.77 0.60 0.00	36.97 0.67 0.00	42.34 0.82 0.00	43.09 1.13 0.00	39.00 1.13 0.00	33.33 0.81 0.00	30.80 0.33 0.00	31.34 0.06 0.00	28.23 -0.09 0.00	28.98 -0.23 0.00	26.28 -0.31 0.00	21.80 -0.33 0.00	15.48 -0.27 0.00	24.83 -0.36 0.00	28.94 -0.14 0.00	37.58 0.39 0.00	44.41 0.82 0.00	40.65 0.79 -0.11	39.86 0.47 -0.12	34.66 0.29 -0.31	36.59 0.36 0.00
ONEIDA___115KV_TB4 55905	34.46 0.74 0.00	34.60 0.77 0.00	34.11 0.77 0.00	32.88 0.70 0.00	37.09 0.79 0.00	42.54 1.03 0.00	43.20 1.23 0.00	39.00 1.13 0.00	33.22 0.71 0.00	30.81 0.33 0.00	31.49 0.20 0.00	28.48 0.16 0.00	29.36 0.15 0.00	26.68 0.09 0.00	22.19 0.06 0.00	15.76 0.02 0.00	25.32 0.13 0.00	29.40 0.33 0.00	38.03 0.85 0.00	44.77 1.18 0.00	40.83 1.09 0.00	40.21 0.94 0.00	34.74 0.69 0.00	36.90 0.66 0.00
ONONDAGA_REF_OCCRA 23987	33.63 -0.10 0.00	33.76 -0.06 0.00	33.32 -0.02 0.00	32.13 -0.04 0.00	36.20 -0.10 0.00	41.43 -0.08 0.00	41.87 -0.09 0.00	37.74 -0.13 0.00	32.32 -0.20 0.00	30.20 -0.27 0.00	31.01 -0.27 0.00	28.11 -0.21 0.00	29.01 -0.20 0.00	26.43 -0.16 0.00	22.00 -0.13 0.00	15.64 -0.11 0.00	24.99 -0.20 0.00	28.92 -0.15 0.00	37.04 -0.15 0.00	43.38 -0.21 0.00	39.58 -0.16 0.00	39.11 -0.16 0.00	33.83 -0.22 0.00	35.94 -0.30 0.00
ONONDAGA___COGEN 23986	33.56 -0.16 0.00	33.71 -0.11 0.00	33.27 -0.07 0.00	32.07 -0.11 0.00	36.14 -0.15 0.00	41.35 -0.16 0.00	41.75 -0.22 0.00	37.62 -0.25 0.00	32.22 -0.29 0.00	30.12 -0.35 0.00	30.94 -0.35 0.00	28.06 -0.26 0.00	28.96 -0.25 0.00	26.38 -0.21 0.00	21.97 -0.16 0.00	15.62 -0.13 0.00	24.96 -0.23 0.00	28.88 -0.20 0.00	36.97 -0.22 0.00	43.28 -0.31 0.00	39.48 -0.27 0.00	39.02 -0.24 0.00	33.77 -0.29 0.00	35.89 -0.35 0.00
ONTARIO___LFGE 23819	33.42 -0.31 0.00	33.68 -0.14 0.00	33.33 -0.02 0.00	32.12 -0.05 0.00	36.35 0.05 0.00	41.68 0.16 0.00	42.06 0.09 0.00	37.83 -0.04 0.00	32.28 -0.24 0.00	29.97 -0.51 0.00	30.66 -0.62 0.00	27.71 -0.61 0.00	28.51 -0.70 0.00	25.94 -0.65 0.00	22.28 -0.56 -0.70	15.70 -0.41 -0.37	25.08 -0.66 -0.56	30.92 -0.57 -2.41	36.80 -0.39 0.00	43.26 -0.33 0.00	39.38 -0.37 0.00	41.51 -0.44 -2.69	33.56 -0.50 0.00	35.64 -0.60 0.00
ORANGEVILLE_WT_PWR 323706	31.57 -2.16 0.00	32.13 -1.70 0.00	31.94 -1.40 0.00	30.77 -1.41 0.00	34.91 -1.38 0.00	39.94 -1.57 0.00	39.69 -2.27 0.00	35.34 -2.53 0.00	30.26 -2.25 0.00	28.04 -2.43 0.00	28.93 -2.36 0.00	26.06 -2.26 0.00	26.75 -2.46 0.00	24.23 -2.36 0.00	12.42 -2.06 7.66	10.26 -1.50 3.99	16.54 -2.55 6.09	0.10 -2.75 26.22	34.18 -3.01 0.00	40.39 -3.20 0.00	36.45 -3.30 0.00	6.78 -3.29 29.20	31.12 -2.93 0.00	33.32 -2.92 0.00
ORANGEVILLE___ESR 323794	31.57 -2.16 0.00	32.13 -1.70 0.00	31.94 -1.40 0.00	30.77 -1.41 0.00	34.91 -1.38 0.00	39.94 -1.57 0.00	39.69 -2.27 0.00	35.34 -2.53 0.00	30.26 -2.25 0.00	28.04 -2.43 0.00	28.93 -2.36 0.00	26.06 -2.26 0.00	26.75 -2.46 0.00	24.23 -2.36 0.00	12.42 -2.06 7.66	10.26 -1.50 3.99	16.54 -2.55 6.09	0.10 -2.75 26.22	34.18 -3.01 0.00	40.39 -3.20 0.00	36.45 -3.30 0.00	6.78 -3.29 29.20	31.12 -2.93 0.00	33.32 -2.92 0.00
OSWEGATCHIE___HYD 24044	33.48 -0.25 0.00	33.77 -0.05 0.00	33.28 -0.06 0.00	31.97 -0.20 0.00	36.08 -0.22 0.00	41.27 -0.24 0.00	42.00 0.03 0.00	37.82 -0.05 0.00	32.41 -0.11 0.00	29.92 -0.55 0.00	30.45 -0.83 0.00	27.33 -0.99 0.00	27.97 -1.24 0.00	25.25 -1.34 0.00	20.83 -1.31 0.00	14.71 -1.04 0.00	23.53 -1.66 0.00	27.34 -1.74 0.00	35.97 -1.22 0.00	42.74 -0.85 0.00	39.49 -0.79 -0.54	38.71 -1.11 -0.55	34.55 -1.01 -1.50	35.39 -0.85 0.00
OSWEGO___5 23606	33.03 -0.70 0.00	33.17 -0.65 0.00	32.75 -0.59 0.00	31.56 -0.61 0.00	35.52 -0.77 0.00	40.61 -0.91 0.00	41.00 -0.97 0.00	36.94 -0.93 0.00	31.70 -0.82 0.00	29.67 -0.80 0.00	30.53 -0.75 0.00	27.69 -0.63 0.00	28.60 -0.61 0.00	26.05 -0.54 0.00	21.69 -0.44 0.00	15.42 -0.33 0.00	24.61 -0.58 0.00	28.39 -0.69 0.00	36.30 -0.90 0.00	42.48 -1.11 0.00	38.76 -0.99 0.00	38.31 -0.95 0.00	33.20 -0.86 0.00	35.30 -0.93 0.00

OSWEGO___6 23613	33.03 -0.70 0.00	33.17 -0.65 0.00	32.75 -0.59 0.00	31.56 -0.61 0.00	35.52 -0.77 0.00	40.61 -0.91 0.00	41.00 -0.97 0.00	36.94 -0.93 0.00	31.70 -0.82 0.00	29.67 -0.80 0.00	30.53 -0.75 0.00	27.69 -0.63 0.00	28.60 -0.61 0.00	26.05 -0.54 0.00	21.69 -0.44 0.00	15.42 -0.33 0.00	24.61 -0.58 0.00	28.39 -0.69 0.00	36.30 -0.90 0.00	42.48 -1.11 0.00	38.76 -0.99 0.00	38.31 -0.95 0.00	33.20 -0.86 0.00	35.30 -0.93 0.00
OUTOKUMPU-AB___DRP 24206	32.46 -1.27 0.00	32.92 -0.90 0.00	32.65 -0.69 0.00	31.48 -0.70 0.00	35.66 -0.64 0.00	40.83 -0.68 0.00	40.33 -1.64 0.00	36.16 -1.71 0.00	30.89 -1.62 0.00	28.62 -1.85 0.00	29.94 -1.35 0.00	27.15 -1.18 0.00	27.79 -1.42 0.00	25.18 -1.41 0.00	19.82 -1.27 1.04	14.32 -0.89 0.54	22.75 -1.61 0.83	23.81 -1.70 3.57	35.11 -2.09 0.00	40.42 -3.17 0.00	36.90 -2.84 0.00	32.79 -2.51 3.97	32.28 -1.78 0.00	34.62 -1.62 0.00
OXBOW___BTM 323836	31.95 -1.78 0.00	32.41 -1.41 0.00	32.17 -1.17 0.00	30.96 -1.22 0.00	35.10 -1.20 0.00	40.16 -1.36 0.00	39.61 -2.36 0.00	36.00 -1.87 0.00	30.54 -1.98 0.00	28.17 -2.30 0.00	29.49 -1.79 0.00	26.77 -1.55 0.00	27.49 -1.72 0.00	24.91 -1.68 0.00	19.59 -1.48 1.07	14.15 -1.04 0.56	22.45 -1.88 0.85	23.43 -1.99 3.66	34.75 -2.44 0.00	39.93 -3.66 0.00	36.42 -3.32 0.00	32.27 -2.93 4.07	31.91 -2.14 0.00	34.24 -2.00 0.00
OXBOW____ 24026	31.95 -1.78 0.00	32.41 -1.41 0.00	32.17 -1.18 0.00	30.99 -1.19 0.00	35.10 -1.20 0.00	40.16 -1.36 0.00	39.61 -2.36 0.00	35.99 -1.88 0.00	30.54 -1.98 0.00	28.17 -2.31 0.00	29.49 -1.79 0.00	26.77 -1.55 0.00	27.49 -1.72 0.00	24.91 -1.68 0.00	19.57 -1.49 1.07	14.14 -1.05 0.56	22.47 -1.86 0.85	23.41 -2.01 3.66	34.68 -2.51 0.00	39.88 -3.71 0.00	36.41 -3.33 0.00	32.24 -2.95 4.07	31.90 -2.15 0.00	34.24 -2.00 0.00
OXY_CHEM_DSASP 323612	31.32 -2.41 0.00	31.81 -2.01 0.00	31.60 -1.74 0.00	30.43 -1.74 0.00	34.44 -1.86 0.00	39.34 -2.17 0.00	38.71 -3.26 0.00	34.46 -3.40 0.01	29.81 -2.70 0.00	27.78 -2.69 0.00	29.11 -2.18 0.00	26.46 -1.86 0.00	27.25 -1.96 0.00	24.69 -1.90 0.00	19.37 -1.67 1.10	14.01 -1.17 0.57	22.25 -2.06 0.87	23.08 -2.26 3.75	34.34 -2.85 0.00	39.41 -4.18 0.00	36.00 -3.74 0.00	31.76 -3.34 4.17	31.59 -2.46 0.00	33.94 -2.30 0.00
OZONE_PARK_ESR 323760	35.30 1.57 0.00	35.17 1.35 0.00	34.56 1.22 0.00	33.40 1.22 0.00	37.85 1.55 0.00	43.43 1.92 0.00	44.32 2.35 0.00	40.25 2.38 0.00	34.30 1.79 0.00	32.32 1.85 0.00	33.11 1.83 0.00	29.84 1.52 0.00	30.68 1.47 0.00	28.17 1.58 0.00	23.61 1.48 0.00	16.91 1.16 0.00	27.14 1.96 0.00	31.33 2.25 0.00	39.94 2.74 0.00	46.74 3.15 0.00	42.60 2.86 0.00	42.03 2.76 0.00	36.20 2.14 0.00	38.26 2.02 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.32 -2.41 0.00	31.81 -2.01 0.00	31.60 -1.74 0.00	30.43 -1.74 0.00	34.44 -1.86 0.00	39.34 -2.17 0.00	38.71 -3.26 0.00	34.46 -3.40 0.01	29.81 -2.70 0.00	27.78 -2.69 0.00	29.11 -2.18 0.00	26.46 -1.86 0.00	27.25 -1.96 0.00	24.69 -1.90 0.00	19.37 -1.67 1.10	14.01 -1.17 0.57	22.25 -2.06 0.87	23.08 -2.26 3.75	34.34 -2.85 0.00	39.41 -4.18 0.00	36.00 -3.74 0.00	31.76 -3.34 4.17	31.59 -2.46 0.00	33.94 -2.30 0.00
PACKARD__115KV_DUPONT_184 80571	31.32 -2.41 0.00	31.81 -2.01 0.00	31.60 -1.74 0.00	30.43 -1.74 0.00	34.44 -1.86 0.00	39.34 -2.17 0.00	38.71 -3.26 0.00	34.46 -3.40 0.01	29.81 -2.70 0.00	27.78 -2.69 0.00	29.11 -2.18 0.00	26.46 -1.86 0.00	27.25 -1.96 0.00	24.69 -1.90 0.00	19.37 -1.67 1.10	14.01 -1.17 0.57	22.25 -2.06 0.87	23.08 -2.26 3.75	34.34 -2.85 0.00	39.41 -4.18 0.00	36.00 -3.74 0.00	31.76 -3.34 4.17	31.59 -2.46 0.00	33.94 -2.30 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	34.99 1.25 -0.01	34.90 1.07 -0.01	34.28 0.93 -0.01	33.15 0.96 -0.01	37.53 1.24 0.00	43.06 1.54 -0.01	43.91 1.95 0.00	39.86 1.98 -0.01	33.96 1.44 0.00	32.01 1.55 0.01	32.79 1.51 0.00	29.57 1.25 0.00	30.42 1.20 -0.01	27.94 1.35 0.01	23.42 1.30 0.01	16.77 1.03 0.01	26.91 1.73 0.01	31.05 1.98 0.00	39.55 2.37 0.01	46.27 2.68 0.00	42.18 2.43 -0.01	41.63 2.36 -0.01	35.88 1.82 -0.01	37.93 1.70 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.99 1.25 -0.01	34.91 1.08 -0.01	34.41 1.06 -0.01	33.29 1.10 -0.01	37.67 1.37 0.00	43.22 1.70 -0.01	44.15 2.19 0.00	39.95 2.07 -0.01	34.04 1.52 0.00	32.02 1.56 0.01	32.79 1.51 0.00	29.57 1.25 0.00	30.42 1.21 -0.01	27.94 1.35 0.01	23.42 1.30 0.01	16.77 1.03 0.01	26.92 1.74 0.01	31.05 1.98 0.00	39.55 2.37 0.01	46.27 2.68 0.00	42.18 2.44 -0.01	41.64 2.36 -0.01	35.89 1.82 -0.01	37.94 1.70 0.00
PATROON__115KV_TB1 80586	34.22 0.49 0.00	34.23 0.40 0.00	33.67 0.33 0.00	32.57 0.40 0.00	36.69 0.40 0.00	41.97 0.45 0.00	42.48 0.52 0.00	38.41 0.54 0.00	32.85 0.33 0.00	30.79 0.32 0.00	31.48 0.19 0.00	28.54 0.22 0.00	29.44 0.23 0.00	26.92 0.33 0.00	22.43 0.30 0.00	16.09 0.34 0.00	25.84 0.65 0.00	29.90 0.83 0.00	38.11 0.92 0.00	44.59 1.00 0.00	40.76 1.02 0.00	40.48 1.21 0.00	35.54 1.49 0.00	37.78 1.54 0.00
PATTRSNVILLE___SOLAR 323815	34.88 1.15 0.00	34.93 1.11 0.00	34.40 1.06 0.00	33.23 1.05 0.00	37.55 1.25 0.00	43.00 1.49 0.00	43.57 1.61 0.00	39.28 1.41 0.00	33.22 0.71 0.00	30.91 0.43 0.00	31.54 0.26 0.00	28.55 0.23 0.00	29.46 0.25 0.00	26.89 0.30 0.00	22.39 0.25 0.00	15.95 0.21 0.00	25.60 0.42 0.00	29.85 0.77 0.00	38.64 1.45 0.00	45.47 1.88 0.00	41.50 1.76 0.00	40.96 1.70 0.00	35.42 1.36 0.00	37.64 1.41 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.36 -1.37 0.00	32.80 -1.02 0.00	32.58 -0.76 0.00	31.39 -0.78 0.00	35.51 -0.78 0.00	40.63 -0.88 0.00	40.30 -1.66 0.00	35.90 -1.97 0.00	31.05 -1.47 0.00	28.95 -1.53 0.00	30.20 -1.08 0.00	27.36 -0.96 0.00	28.11 -1.10 0.00	25.48 -1.11 0.00	20.32 -1.05 0.76	14.61 -0.74 0.40	23.24 -1.34 0.61	25.04 -1.42 2.61	35.51 -1.68 0.00	41.01 -2.57 0.00	37.37 -2.37 0.00	34.24 -2.12 2.91	32.53 -1.53 0.00	34.81 -1.43 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.18 1.46 0.00	35.12 1.30 0.00	34.52 1.18 0.00	33.38 1.20 0.00	37.81 1.52 0.00	43.39 1.88 0.00	44.21 2.25 0.00	40.10 2.23 0.00	34.15 1.63 0.00	32.06 1.58 0.00	32.73 1.45 0.00	29.54 1.22 0.00	30.40 1.19 0.00	27.83 1.24 0.00	23.30 1.17 0.00	16.68 0.93 0.00	26.79 1.60 0.00	30.99 1.91 0.00	39.55 2.36 0.00	46.35 2.76 0.00	42.28 2.54 0.00	41.71 2.45 0.00	35.94 1.88 0.00	38.05 1.81 0.00
PEEKSKILL____ 23653	34.69 0.96 0.00	34.62 0.80 0.00	34.05 0.70 0.00	32.93 0.75 0.00	37.30 1.00 0.00	42.77 1.26 0.00	43.54 1.57 0.00	39.47 1.60 0.00	33.61 1.10 0.00	31.62 1.15 0.00	32.30 1.02 0.00	29.14 0.82 0.00	30.00 0.79 0.00	27.50 0.91 0.00	23.03 0.90 0.00	16.48 0.73 0.00	26.47 1.28 0.00	30.58 1.50 0.00	39.00 1.81 0.00	45.71 2.12 0.00	41.69 1.95 0.00	41.13 1.86 0.00	35.45 1.40 0.00	37.54 1.31 0.00

PGE MADISON___WINDPWR 24146	35.61 1.88 0.00	35.57 1.75 0.00	34.93 1.59 0.00	33.39 1.21 0.00	37.97 1.67 0.00	44.17 2.66 0.00	44.95 2.98 0.00	40.50 2.63 0.00	34.48 1.97 0.00	31.64 1.17 0.00	32.12 0.84 0.00	29.16 0.84 0.00	29.71 0.50 0.00	26.95 0.36 0.00	22.64 0.23 -0.27	15.89 0.00 -0.14	25.67 0.27 -0.21	30.94 0.94 -0.92	39.15 1.96 0.00	46.90 3.30 0.00	42.84 3.10 0.00	42.72 2.43 -1.03	35.19 1.13 0.00	36.52 0.28 0.00
PIERCEFIELD___HYD 23852	33.51 -0.22 0.00	33.68 -0.14 0.00	33.21 -0.14 0.00	31.97 -0.20 0.00	36.13 -0.16 0.00	41.35 -0.17 0.00	41.82 -0.15 0.00	37.72 -0.15 0.00	32.53 0.02 0.00	30.25 -0.22 0.00	30.99 -0.30 0.00	27.84 -0.48 0.00	28.56 -0.65 0.00	25.70 -0.89 0.00	21.20 -0.93 0.00	15.01 -0.74 0.00	23.97 -1.22 0.00	27.64 -1.44 0.00	36.07 -1.12 0.00	42.65 -0.94 0.00	39.51 -1.02 -0.79	38.93 -1.15 -0.81	35.37 -0.89 -2.20	35.52 -0.72 0.00
PINELAWN_CC_1 323563	39.55 1.58 -4.25	35.52 1.35 -0.35	34.42 1.08 0.00	33.24 1.06 0.00	37.59 1.30 0.00	43.25 1.74 0.00	44.17 2.20 0.00	39.90 2.03 0.00	33.96 1.45 0.00	31.83 1.36 0.00	32.57 1.29 0.00	29.37 1.06 0.00	30.17 0.96 0.00	27.60 1.01 0.00	23.29 1.16 0.00	16.71 0.96 0.00	26.96 1.77 0.00	31.04 1.97 0.00	39.67 2.47 0.00	46.88 3.29 0.00	42.87 3.13 0.00	42.22 2.95 0.00	36.14 2.08 0.00	38.07 1.84 0.00
PJM_GEN_HTP_PROXY 323702	34.98 1.25 0.00	34.85 1.03 0.00	34.25 0.91 0.00	33.11 0.94 0.00	37.51 1.22 0.00	43.03 1.52 0.00	43.87 1.91 0.00	39.82 1.95 0.00	33.94 1.42 0.00	32.01 1.54 0.00	32.80 1.51 0.00	29.56 1.25 0.00	30.41 1.20 0.00	28.14 1.32 -0.23	23.40 1.27 0.00	16.76 1.01 0.00	26.91 1.72 0.00	31.05 1.97 0.00	39.54 2.36 0.00	46.27 2.68 0.00	42.16 2.42 0.00	41.61 2.35 0.00	35.84 1.79 0.00	37.90 1.67 0.00
PJM_GEN_KEystone 24065	33.37 -0.36 0.00	33.50 -0.32 0.00	33.09 -0.25 0.00	31.96 -0.22 0.00	36.18 -0.12 0.00	41.39 -0.12 0.00	41.79 -0.17 0.00	37.69 -0.18 0.00	32.23 -0.29 0.00	30.24 -0.23 0.00	31.11 -0.18 0.00	28.12 -0.20 0.00	28.92 -0.28 0.00	26.66 -0.16 -0.23	22.06 -0.07 0.00	15.74 -0.01 0.00	25.16 -0.03 0.00	29.08 0.01 0.00	37.15 -0.04 0.00	43.36 -0.23 0.00	39.50 -0.24 0.00	39.07 -0.19 0.00	33.82 -0.24 0.00	35.93 -0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.07 1.34 0.00	34.93 1.11 0.00	34.20 0.86 0.00	33.05 0.87 0.00	37.40 1.11 0.00	42.97 1.45 0.00	43.81 1.85 0.00	39.62 1.75 0.00	33.75 1.24 0.00	31.71 1.23 0.00	32.49 1.20 0.00	29.32 1.01 0.00	30.14 0.93 0.00	27.82 1.00 -0.23	23.23 1.10 0.00	16.65 0.90 0.00	26.81 1.62 0.00	30.87 1.80 0.00	39.38 2.19 0.00	46.41 2.82 0.00	42.40 2.66 0.00	41.78 2.52 0.00	35.83 1.78 0.00	37.82 1.58 0.00
PJM_GEN_VFT_PROXY 323633	34.79 1.06 0.00	34.68 0.85 0.00	34.09 0.75 0.00	32.96 0.79 0.00	37.36 1.07 0.00	42.83 1.32 0.00	43.67 1.70 0.00	39.64 1.77 0.00	33.78 1.26 0.00	31.87 1.40 0.00	32.62 1.34 0.00	29.41 1.09 0.00	30.23 1.02 0.00	28.02 1.20 -0.23	23.30 1.17 0.00	16.69 0.94 0.00	26.78 1.59 0.00	30.89 1.82 0.00	39.35 2.16 0.00	46.03 2.44 0.00	41.93 2.19 0.00	41.38 2.12 0.00	35.64 1.59 0.00	37.71 1.47 0.00
PLATSBURG_115KV_PMLD1 355749	34.28 0.55 0.00	34.27 0.45 0.00	33.65 0.31 0.00	32.45 0.27 0.00	36.62 0.32 0.00	41.65 0.14 0.00	42.17 0.21 0.00	37.92 0.04 0.00	33.02 0.51 0.00	30.92 0.45 0.00	31.86 0.58 0.00	28.45 0.13 0.00	29.27 0.06 0.00	26.43 -0.16 0.00	21.84 -0.29 0.00	15.42 -0.32 0.00	24.61 -0.58 0.00	28.11 -0.97 0.00	36.25 -0.94 0.00	43.19 -0.40 0.00	34.01 -0.90 4.83	33.25 -1.06 4.96	20.04 -0.61 13.41	36.03 -0.21 0.00
PLEASANTVLY___LBMP 24000	34.66 0.93 0.00	34.61 0.78 0.00	34.03 0.68 0.00	32.90 0.72 0.00	37.25 0.95 0.00	42.66 1.15 0.00	43.39 1.43 0.00	39.33 1.46 0.00	33.53 1.02 0.00	31.55 1.08 0.00	32.26 0.97 0.00	29.14 0.82 0.00	30.02 0.80 0.00	27.49 0.90 0.00	23.01 0.88 0.00	16.48 0.73 0.00	26.45 1.26 0.00	30.54 1.46 0.00	38.91 1.72 0.00	45.58 1.99 0.00	41.57 1.83 0.00	41.04 1.78 0.00	35.41 1.36 0.00	37.53 1.29 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.90 1.17 0.00	34.81 0.99 0.00	34.23 0.89 0.00	33.10 0.92 0.00	37.50 1.21 0.00	43.01 1.50 0.00	43.77 1.80 0.00	39.69 1.82 0.00	33.83 1.32 0.00	31.84 1.37 0.00	32.57 1.29 0.00	29.39 1.08 0.00	30.26 1.05 0.00	27.72 1.13 0.00	23.23 1.10 0.00	16.62 0.87 0.00	26.68 1.50 0.00	30.82 1.75 0.00	39.28 2.09 0.00	46.01 2.43 0.00	41.95 2.21 0.00	41.40 2.13 0.00	35.68 1.62 0.00	37.78 1.54 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.90 1.17 0.00	34.81 0.99 0.00	34.23 0.89 0.00	33.10 0.92 0.00	37.50 1.21 0.00	43.01 1.50 0.00	43.77 1.80 0.00	39.69 1.82 0.00	33.83 1.32 0.00	31.84 1.37 0.00	32.57 1.29 0.00	29.39 1.08 0.00	30.26 1.05 0.00	27.72 1.13 0.00	23.23 1.10 0.00	16.62 0.87 0.00	26.68 1.50 0.00	30.82 1.75 0.00	39.28 2.09 0.00	46.01 2.43 0.00	41.95 2.21 0.00	41.40 2.13 0.00	35.68 1.62 0.00	37.78 1.54 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.90 1.17 0.00	34.87 1.05 0.00	34.29 0.94 0.00	33.15 0.98 0.00	37.53 1.24 0.00	43.01 1.49 0.00	43.79 1.83 0.00	39.70 1.82 0.00	33.81 1.30 0.00	31.80 1.33 0.00	32.47 1.19 0.00	29.31 0.99 0.00	30.16 0.95 0.00	27.60 1.01 0.00	23.10 0.97 0.00	16.54 0.79 0.00	26.58 1.39 0.00	30.75 1.68 0.00	39.26 2.07 0.00	46.00 2.41 0.00	41.97 2.23 0.00	41.41 2.14 0.00	35.72 1.66 0.00	37.84 1.60 0.00
POLETTI___ 23519	34.96 1.23 0.00	34.84 1.01 0.00	34.23 0.89 0.00	33.10 0.92 0.00	37.50 1.21 0.00	43.02 1.51 0.00	43.85 1.89 0.00	39.82 1.95 0.00	33.94 1.42 0.00	32.00 1.53 0.00	32.80 1.52 0.00	29.57 1.25 0.00	30.42 1.20 0.00	27.93 1.34 0.00	23.41 1.28 0.00	16.76 1.02 0.00	26.91 1.72 0.00	31.04 1.96 0.00	39.54 2.35 0.00	46.25 2.67 0.00	42.15 2.41 0.00	41.60 2.33 0.00	35.83 1.77 0.00	37.90 1.66 0.00
POMONA___ESR 323819	34.71 0.98 0.00	34.65 0.82 0.00	34.08 0.74 0.00	32.95 0.78 0.00	37.35 1.05 0.00	42.86 1.34 0.00	43.62 1.65 0.00	39.53 1.66 0.00	33.67 1.16 0.00	31.66 1.19 0.00	32.33 1.05 0.00	29.17 0.85 0.00	30.03 0.82 0.00	27.53 0.94 0.00	23.05 0.91 0.00	16.50 0.75 0.00	26.47 1.29 0.00	30.58 1.51 0.00	39.04 1.85 0.00	45.73 2.13 0.00	41.72 1.97 0.00	41.15 1.89 0.00	35.47 1.41 0.00	37.56 1.33 0.00
PORT_JEFF_3 23555	37.16 1.47 -1.97	35.22 1.24 -0.16	34.28 0.94 0.00	33.09 0.92 0.00	37.46 1.16 0.00	43.15 1.64 0.00	44.06 2.10 0.00	39.73 1.86 0.00	33.84 1.33 0.00	31.72 1.24 0.00	32.44 1.16 0.00	29.31 0.99 0.00	30.08 0.87 0.00	27.49 0.90 0.00	23.31 1.18 0.00	16.73 0.98 0.00	27.02 1.84 0.00	30.96 1.89 0.00	39.48 2.29 0.00	46.83 3.24 0.00	42.87 3.12 0.00	42.27 3.00 0.00	36.07 2.01 0.00	37.92 1.68 0.00

PORT_JEFF_4 23616	37.16 1.47 -1.97	35.22 1.24 -0.16	34.28 0.94 0.00	33.09 0.92 0.00	37.46 1.16 0.00	43.15 1.64 0.00	44.06 2.10 0.00	39.73 1.86 0.00	33.84 1.33 0.00	31.72 1.24 0.00	32.44 1.16 0.00	29.31 0.99 0.00	30.08 0.87 0.00	27.49 0.90 0.00	23.31 1.18 0.00	16.73 0.98 0.00	27.02 1.84 0.00	30.96 1.89 0.00	39.48 2.29 0.00	46.83 3.24 0.00	42.87 3.12 0.00	42.27 3.00 0.00	36.07 2.01 0.00	37.92 1.68 0.00
PORT_JEFF_IC 23713	31.87 1.48 3.34	29.37 1.25 5.70	30.85 0.94 3.43	29.03 0.93 4.08	35.62 1.17 1.84	42.75 1.65 0.41	44.06 2.10 0.00	39.32 1.87 0.42	33.85 1.33 0.00	31.72 1.24 0.00	31.42 1.16 1.03	29.31 0.99 0.00	30.08 0.86 0.00	27.49 0.90 0.00	23.31 1.17 0.00	16.72 0.98 0.00	27.02 1.83 0.00	30.97 1.90 0.00	39.48 2.29 0.00	46.84 3.25 0.00	42.88 3.14 0.00	42.28 3.01 0.00	36.08 2.02 0.00	37.91 1.67 0.00
PPL_PILGRIM_ST_GT1 24216	37.76 1.69 -2.34	35.49 1.47 -0.19	34.50 1.16 0.00	33.30 1.13 0.00	37.68 1.39 0.00	43.37 1.86 0.00	44.27 2.31 0.00	39.95 2.08 0.00	34.02 1.50 0.00	31.88 1.41 0.00	32.62 1.34 0.00	29.45 1.13 0.00	30.23 1.02 0.00	27.62 1.03 0.00	23.37 1.24 0.00	16.76 1.01 0.00	27.07 1.88 0.00	31.12 2.04 0.00	39.74 2.55 0.00	47.06 3.47 0.00	43.04 3.30 0.00	42.40 3.13 0.00	36.24 2.18 0.00	38.15 1.92 0.00
PPL_PILGRIM_ST_GT2 24217	37.76 1.69 -2.34	35.49 1.47 -0.19	34.50 1.16 0.00	33.30 1.13 0.00	37.68 1.39 0.00	43.37 1.86 0.00	44.27 2.31 0.00	39.95 2.08 0.00	34.02 1.50 0.00	31.88 1.41 0.00	32.62 1.34 0.00	29.45 1.13 0.00	30.23 1.02 0.00	27.62 1.03 0.00	23.37 1.24 0.00	16.76 1.01 0.00	27.07 1.88 0.00	31.12 2.04 0.00	39.74 2.55 0.00	47.06 3.47 0.00	43.04 3.30 0.00	42.40 3.13 0.00	36.24 2.18 0.00	38.15 1.92 0.00
PPL_SHRM_GT3 24213	-10.38 1.04 45.15	-16.72 0.80 51.34	3.81 0.53 30.06	-3.11 0.53 35.81	20.86 0.70 16.14	39.20 1.27 3.58	43.74 1.77 0.00	35.60 1.43 3.70	33.46 0.95 0.00	31.39 0.92 0.00	23.05 0.77 9.00	29.07 0.75 0.00	29.82 0.61 0.00	27.26 0.67 0.00	23.29 1.16 0.00	16.75 1.00 0.00	27.06 1.87 0.00	30.63 1.56 0.00	38.83 1.64 0.00	46.43 2.84 0.00	42.61 2.87 0.00	42.15 2.88 0.00	35.74 1.68 0.00	37.48 1.25 0.00
PPL_SHRM_GT4 24214	-10.38 1.04 45.15	-16.72 0.80 51.34	3.81 0.53 30.06	-3.11 0.53 35.81	20.86 0.70 16.14	39.20 1.27 3.58	43.74 1.77 0.00	35.60 1.43 3.70	33.46 0.95 0.00	31.39 0.92 0.00	23.05 0.77 9.00	29.07 0.75 0.00	29.82 0.61 0.00	27.26 0.67 0.00	23.29 1.16 0.00	16.75 1.00 0.00	27.06 1.87 0.00	30.63 1.56 0.00	38.83 1.64 0.00	46.43 2.84 0.00	42.61 2.87 0.00	42.15 2.88 0.00	35.74 1.68 0.00	37.48 1.25 0.00
PROJECT___ORANGE 1 24174	33.45 -0.28 0.00	33.60 -0.23 0.00	33.16 -0.19 0.00	31.98 -0.20 0.00	36.00 -0.29 0.00	41.20 -0.32 0.00	41.61 -0.35 0.00	37.50 -0.37 0.00	32.13 -0.38 0.00	30.04 -0.44 0.00	30.90 -0.39 0.00	28.02 -0.30 0.00	28.94 -0.27 0.00	26.35 -0.24 0.00	21.95 -0.18 0.00	15.60 -0.15 0.00	24.92 -0.27 0.00	28.81 -0.26 0.00	36.85 -0.34 0.00	43.12 -0.47 0.00	39.33 -0.41 0.00	38.88 -0.39 0.00	33.65 -0.41 0.00	35.76 -0.48 0.00
PROJECT___ORANGE 2 24166	33.45 -0.28 0.00	33.60 -0.23 0.00	33.16 -0.19 0.00	31.98 -0.20 0.00	36.00 -0.29 0.00	41.20 -0.32 0.00	41.61 -0.35 0.00	37.50 -0.37 0.00	32.13 -0.38 0.00	30.04 -0.44 0.00	30.90 -0.39 0.00	28.02 -0.30 0.00	28.94 -0.27 0.00	26.35 -0.24 0.00	21.95 -0.18 0.00	15.60 -0.15 0.00	24.92 -0.27 0.00	28.81 -0.26 0.00	36.85 -0.34 0.00	43.12 -0.47 0.00	39.33 -0.41 0.00	38.88 -0.39 0.00	33.65 -0.41 0.00	35.76 -0.48 0.00
PUCKETT___SOLAR 323809	34.02 0.30 0.00	34.13 0.31 0.00	33.64 0.30 0.00	32.33 0.16 0.00	36.54 0.24 0.00	41.99 0.47 0.00	42.55 0.58 0.00	38.38 0.51 0.00	32.77 0.25 0.00	30.44 -0.03 0.00	31.09 -0.20 0.00	28.15 -0.17 0.00	28.96 -0.25 0.00	26.35 -0.24 0.00	21.95 -0.18 0.00	15.55 -0.19 0.00	24.98 -0.21 0.00	29.12 0.04 0.00	37.49 0.30 0.00	44.19 0.60 0.00	40.31 0.56 0.00	39.73 0.47 0.00	34.13 0.07 0.00	36.05 -0.19 0.00
PYRITES___HYD 24023	34.40 0.67 0.00	34.60 0.77 0.00	34.12 0.78 0.00	32.87 0.69 0.00	37.14 0.85 0.00	42.56 1.05 0.00	43.06 1.09 0.00	38.81 0.94 0.00	33.34 0.82 0.00	30.79 0.32 0.00	31.48 0.19 0.00	28.27 -0.05 0.00	28.99 -0.22 0.00	26.09 -0.50 0.00	21.54 -0.59 0.00	15.25 -0.49 0.00	24.37 -0.82 0.00	28.12 -0.96 0.00	37.06 -0.13 0.00	43.89 0.30 0.00	40.59 0.13 0.00	39.99 0.00 -0.73	36.13 0.10 -1.98	36.56 0.32 0.00
QUAKERRD_115KV_BK1 80622	32.36 -1.37 0.00	32.63 -1.20 0.00	32.29 -1.05 0.00	31.12 -1.05 0.00	35.15 -1.15 0.00	40.24 -1.28 0.00	40.30 -1.66 0.00	36.10 -1.77 0.00	31.00 -1.52 0.00	28.88 -1.59 0.00	29.88 -1.41 0.00	27.11 -1.21 0.00	27.96 -1.25 0.00	25.41 -1.18 0.00	21.14 -0.99 0.00	15.04 -0.71 0.00	23.97 -1.22 0.00	27.82 -1.26 0.00	35.67 -1.52 0.00	41.46 -2.13 0.00	37.82 -1.92 0.00	37.50 -1.76 0.00	32.60 -1.46 0.00	34.76 -1.48 0.00
QUENSBRY_115KV_TB8 356137	34.87 1.14 0.00	34.89 1.07 0.00	34.26 0.91 0.00	33.14 0.96 0.00	37.55 1.26 0.00	43.08 1.57 0.00	43.81 1.84 0.00	39.50 1.63 0.00	33.60 1.08 0.00	31.79 1.32 0.00	32.51 1.23 0.00	29.38 1.07 0.00	30.31 1.10 0.00	27.61 1.02 0.00	23.00 0.87 0.00	16.46 0.71 0.00	26.53 1.34 0.00	30.87 1.80 0.00	39.74 2.55 0.00	46.76 3.17 0.00	42.70 2.95 0.00	42.12 2.85 0.00	36.27 2.22 0.00	38.54 2.30 0.00
RAMAPO___LBMP 323565	34.57 0.84 0.00	34.51 0.69 0.00	33.95 0.61 0.00	32.84 0.67 0.00	37.21 0.92 0.00	42.67 1.16 0.00	43.41 1.44 0.00	39.34 1.47 0.00	33.51 0.99 0.00	31.50 1.03 0.00	32.14 0.86 0.00	29.00 0.68 0.00	29.85 0.64 0.00	27.38 0.79 0.00	22.92 0.79 0.00	16.40 0.65 0.00	26.33 1.14 0.00	30.42 1.34 0.00	38.83 1.64 0.00	45.51 1.92 0.00	41.51 1.77 0.00	40.95 1.68 0.00	35.30 1.24 0.00	37.39 1.15 0.00
RANKINE____ 23646	32.36 -1.37 0.00	32.81 -1.01 0.00	32.59 -0.76 0.00	31.39 -0.78 0.00	35.54 -0.76 0.00	40.70 -0.81 0.00	40.27 -1.69 0.00	35.82 -2.05 0.00	30.97 -1.54 0.00	28.87 -1.61 0.00	30.15 -1.14 0.00	27.33 -0.99 0.00	28.08 -1.13 0.00	25.44 -1.15 0.00	20.23 -1.05 0.86	14.55 -0.75 0.45	23.12 -1.39 0.68	24.68 -1.47 2.93	35.41 -1.78 0.00	40.84 -2.75 0.00	37.20 -2.54 0.00	33.79 -2.21 3.26	32.44 -1.62 0.00	34.74 -1.50 0.00
RAVENSWOOD_GT2_1 24244	35.02 1.29 0.00	34.91 1.08 0.00	34.30 0.96 0.00	33.16 0.99 0.00	37.58 1.28 0.00	43.10 1.59 0.00	43.93 1.97 0.00	39.88 2.01 0.00	33.99 1.48 0.00	32.04 1.57 0.00	32.82 1.54 0.00	29.59 1.28 0.00	30.44 1.23 0.00	27.94 1.35 0.00	23.42 1.29 0.00	16.77 1.02 0.00	26.92 1.73 0.00	31.06 1.98 0.00	39.58 2.39 0.00	46.31 2.72 0.00	42.21 2.47 0.00	41.65 2.39 0.00	35.88 1.82 0.00	37.95 1.72 0.00



RAVENSWOOD_GT2_2 24245	35.02 1.29 0.00	34.91 1.08 0.00	34.30 0.96 0.00	33.16 0.99 0.00	37.58 1.28 0.00	43.10 1.59 0.00	43.93 1.97 0.00	39.88 2.01 0.00	33.99 1.48 0.00	32.04 1.57 0.00	32.82 1.54 0.00	29.59 1.28 0.00	30.44 1.23 0.00	27.94 1.35 0.00	23.42 1.29 0.00	16.77 1.02 0.00	26.92 1.73 0.00	31.06 1.98 0.00	39.58 2.39 0.00	46.31 2.72 0.00	42.21 2.47 0.00	41.65 2.39 0.00	35.88 1.82 0.00	37.95 1.72 0.00
RAVENSWOOD_GT2_3 24246	35.03 1.31 0.00	34.92 1.10 0.00	34.32 0.97 0.00	33.17 1.00 0.00	37.59 1.29 0.00	43.12 1.61 0.00	43.96 1.99 0.00	39.91 2.04 0.00	34.01 1.49 0.00	32.06 1.59 0.00	32.83 1.55 0.00	29.61 1.29 0.00	30.46 1.26 0.00	27.95 1.36 0.00	23.43 1.30 0.00	16.78 1.03 0.00	26.93 1.74 0.00	31.08 2.00 0.00	39.60 2.40 0.00	46.34 2.75 0.00	42.23 2.49 0.00	41.66 2.39 0.00	35.90 1.84 0.00	37.97 1.73 0.00
RAVENSWOOD_GT2_4 24247	35.03 1.31 0.00	34.92 1.10 0.00	34.32 0.97 0.00	33.17 1.00 0.00	37.59 1.29 0.00	43.12 1.61 0.00	43.96 1.99 0.00	39.91 2.04 0.00	34.01 1.49 0.00	32.06 1.59 0.00	32.83 1.55 0.00	29.61 1.29 0.00	30.46 1.26 0.00	27.95 1.36 0.00	23.43 1.30 0.00	16.78 1.03 0.00	26.93 1.74 0.00	31.08 2.00 0.00	39.60 2.40 0.00	46.34 2.75 0.00	42.23 2.49 0.00	41.66 2.39 0.00	35.90 1.84 0.00	37.97 1.73 0.00
RAVENSWOOD_GT3_1 24248	35.02 1.29 0.00	34.91 1.08 0.00	34.30 0.96 0.00	33.16 0.99 0.00	37.58 1.28 0.00	43.10 1.59 0.00	43.93 1.97 0.00	39.88 2.01 0.00	33.99 1.48 0.00	32.04 1.57 0.00	32.82 1.54 0.00	29.59 1.28 0.00	30.44 1.23 0.00	27.94 1.35 0.00	23.42 1.29 0.00	16.77 1.02 0.00	26.92 1.73 0.00	31.06 1.98 0.00	39.58 2.39 0.00	46.31 2.72 0.00	42.21 2.47 0.00	41.65 2.39 0.00	35.88 1.82 0.00	37.95 1.72 0.00
RAVENSWOOD_GT3_2 24249	35.02 1.29 0.00	34.91 1.08 0.00	34.30 0.96 0.00	33.16 0.99 0.00	37.58 1.28 0.00	43.10 1.59 0.00	43.93 1.97 0.00	39.88 2.01 0.00	33.99 1.48 0.00	32.04 1.57 0.00	32.82 1.54 0.00	29.59 1.28 0.00	30.44 1.23 0.00	27.94 1.35 0.00	23.42 1.29 0.00	16.77 1.02 0.00	26.92 1.73 0.00	31.06 1.98 0.00	39.58 2.39 0.00	46.31 2.72 0.00	42.21 2.47 0.00	41.65 2.39 0.00	35.88 1.82 0.00	37.95 1.72 0.00
RAVENSWOOD_GT3_3 24250	35.07 1.34 0.00	34.95 1.13 0.00	34.35 1.01 0.00	33.21 1.03 0.00	37.63 1.33 0.00	43.16 1.65 0.00	44.00 2.04 0.00	39.95 2.08 0.00	34.04 1.53 0.00	32.09 1.62 0.00	32.87 1.59 0.00	29.64 1.33 0.00	30.49 1.29 0.00	27.98 1.39 0.00	23.46 1.33 0.00	16.80 1.05 0.00	26.96 1.77 0.00	31.11 2.03 0.00	39.63 2.45 0.00	46.38 2.79 0.00	42.28 2.53 0.00	41.70 2.44 0.00	35.93 1.88 0.00	38.01 1.77 0.00
RAVENSWOOD_GT3_4 24251	35.07 1.34 0.00	34.95 1.13 0.00	34.35 1.01 0.00	33.21 1.03 0.00	37.63 1.33 0.00	43.16 1.65 0.00	44.00 2.04 0.00	39.95 2.08 0.00	34.04 1.53 0.00	32.09 1.62 0.00	32.87 1.59 0.00	29.64 1.33 0.00	30.49 1.29 0.00	27.98 1.39 0.00	23.46 1.33 0.00	16.80 1.05 0.00	26.96 1.77 0.00	31.11 2.03 0.00	39.63 2.45 0.00	46.38 2.79 0.00	42.28 2.53 0.00	41.70 2.44 0.00	35.93 1.88 0.00	38.01 1.77 0.00
RAVENSWOOD_GT_1 23729	39.64 1.45 -4.46	39.34 1.23 -4.29	38.78 1.10 -4.34	37.79 1.12 -4.50	41.46 1.43 -3.73	46.22 1.79 -2.92	46.59 2.18 -2.44	44.00 2.24 -3.89	41.50 1.66 -7.32	59.26 1.74 -27.05	69.43 1.71 -36.44	46.14 1.43 -16.39	41.12 1.40 -10.51	48.55 1.51 -20.45	75.99 1.42 -52.44	75.63 1.11 -58.77	71.63 1.88 -44.57	72.82 2.15 -41.60	71.94 2.59 -32.16	60.91 2.96 -14.37	56.74 2.68 -14.32	54.13 2.59 -12.27	41.03 2.00 -4.97	41.59 1.90 -3.45
RAVENSWOOD_GT_10 24258	35.53 1.29 -0.51	35.39 1.08 -0.49	34.80 0.96 -0.50	33.67 0.98 -0.52	38.00 1.28 -0.43	43.43 1.59 -0.33	44.21 1.97 -0.28	40.22 2.01 -0.33	34.28 1.47 -0.30	30.90 1.56 1.12	31.09 1.54 1.73	29.32 1.27 0.27	30.65 1.23 -0.21	27.40 1.35 0.54	20.48 1.29 2.94	13.67 1.02 3.10	25.02 1.73 1.89	29.34 1.98 1.71	38.35 2.38 1.22	47.10 2.72 -0.80	43.21 2.47 -1.01	42.90 2.39 -1.25	36.45 1.82 -0.57	38.35 1.72 -0.40
RAVENSWOOD_GT_11 24259	35.53 1.29 -0.51	35.39 1.08 -0.49	34.80 0.96 -0.50	33.67 0.98 -0.52	38.00 1.28 -0.43	43.43 1.59 -0.33	44.21 1.97 -0.28	40.22 2.01 -0.33	34.28 1.47 -0.30	30.90 1.56 1.12	31.09 1.54 1.73	29.32 1.27 0.27	30.65 1.23 -0.21	27.40 1.35 0.54	20.48 1.29 2.94	13.67 1.02 3.10	25.02 1.73 1.89	29.34 1.98 1.71	38.35 2.38 1.22	47.10 2.72 -0.80	43.21 2.47 -1.01	42.90 2.39 -1.25	36.45 1.82 -0.57	38.35 1.72 -0.40
RAVENSWOOD_GT_4 24252	38.39 1.27 -3.39	38.14 1.06 -3.25	37.58 0.94 -3.29	36.56 0.97 -3.41	40.39 1.26 -2.84	45.29 1.56 -2.21	45.76 1.94 -1.85	42.06 1.97 -2.22	35.92 1.45 -1.95	24.60 1.55 7.42	21.40 1.51 11.40	27.81 1.25 1.76	31.84 1.21 -1.42	24.36 1.33 3.56	4.03 1.27 19.37	-3.71 1.01 20.46	14.40 1.71 12.50	19.77 1.97 11.27	31.52 2.37 8.04	51.55 2.70 -5.26	48.83 2.44 -6.64	49.86 2.35 -8.24	39.64 1.80 -3.78	40.55 1.69 -2.63
RAVENSWOOD_GT_5 24254	38.39 1.27 -3.39	38.14 1.06 -3.25	37.58 0.94 -3.29	36.56 0.97 -3.41	40.39 1.26 -2.84	45.29 1.56 -2.21	45.76 1.94 -1.85	42.06 1.97 -2.22	35.92 1.45 -1.95	24.60 1.55 7.42	21.40 1.51 11.40	27.81 1.25 1.76	31.84 1.21 -1.42	24.36 1.33 3.56	4.03 1.27 19.37	-3.71 1.01 20.46	14.40 1.71 12.50	19.77 1.97 11.27	31.52 2.37 8.04	51.55 2.70 -5.26	48.83 2.44 -6.64	49.86 2.35 -8.24	39.64 1.80 -3.78	40.55 1.69 -2.63
RAVENSWOOD_GT_6 24253	38.39 1.27 -3.39	38.14 1.06 -3.25	37.58 0.94 -3.29	36.56 0.97 -3.41	40.39 1.26 -2.84	45.29 1.56 -2.21	45.76 1.94 -1.85	42.06 1.97 -2.22	35.92 1.45 -1.95	24.60 1.55 7.42	21.40 1.51 11.40	27.81 1.25 1.76	31.84 1.21 -1.42	24.36 1.33 3.56	4.03 1.27 19.37	-3.71 1.01 20.46	14.40 1.71 12.50	19.77 1.97 11.27	31.52 2.37 8.04	51.55 2.70 -5.26	48.83 2.44 -6.64	49.86 2.35 -8.24	39.64 1.80 -3.78	40.55 1.69 -2.63
RAVENSWOOD_GT_7 24255	38.39 1.27 -3.39	38.14 1.06 -3.25	37.58 0.94 -3.29	36.56 0.97 -3.41	40.39 1.26 -2.84	45.29 1.56 -2.21	45.76 1.94 -1.85	42.06 1.97 -2.22	35.92 1.45 -1.95	24.60 1.55 7.42	21.40 1.51 11.40	27.81 1.25 1.76	31.84 1.21 -1.42	24.36 1.33 3.56	4.03 1.27 19.37	-3.71 1.01 20.46	14.40 1.71 12.50	19.77 1.97 11.27	31.52 2.37 8.04	51.55 2.70 -5.26	48.83 2.44 -6.64	49.86 2.35 -8.24	39.64 1.80 -3.78	40.55 1.69 -2.63
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	35.53 1.29 -0.51	35.39 1.08 -0.49	34.80 0.96 -0.50	33.67 0.98 -0.52	38.00 1.28 -0.43	43.43 1.59 -0.33	44.21 1.97 -0.28	40.22 2.01 -0.33	34.28 1.47 -0.30	30.90 1.56 1.12	31.09 1.54 1.73	29.32 1.27 0.27	30.65 1.23 -0.21	27.40 1.35 0.54	20.48 1.29 2.94	13.67 1.02 3.10	25.02 1.73 1.89	29.34 1.98 1.71	38.35 2.38 1.22	47.10 2.72 -0.80	43.21 2.47 -1.01	42.90 2.39 -1.25	36.45 1.82 -0.57	38.35 1.72 -0.40

RAVENSWOOD_GT_9 24257	35.53 1.29 -0.51	35.39 1.08 -0.49	34.80 0.96 -0.50	33.67 0.98 -0.52	38.00 1.28 -0.43	43.43 1.59 -0.33	44.21 1.97 -0.28	40.22 2.01 -0.33	34.28 1.47 -0.30	30.90 1.56 1.12	31.09 1.54 1.73	29.32 1.27 0.27	30.65 1.23 -0.21	27.40 1.35 0.54	20.48 1.29 2.94	13.67 1.02 3.10	25.02 1.73 1.89	29.34 1.98 1.71	38.35 2.38 1.22	47.10 2.72 -0.80	43.21 2.47 -1.01	42.90 2.39 -1.25	36.45 1.82 -0.57	38.35 1.72 -0.40
RAVENSWOOD___1 23533	30.75 1.40 4.38	30.80 1.19 4.21	30.14 1.06 4.25	28.84 1.08 4.41	34.01 1.39 3.67	40.37 1.72 2.86	41.69 2.12 2.40	37.17 2.16 2.87	31.60 1.61 2.53	41.75 1.68 -9.60	47.68 1.65 -14.74	31.98 1.39 -2.28	28.73 1.35 1.83	32.65 1.45 -4.61	48.56 1.37 -25.06	43.30 1.09 -26.47	43.19 1.83 -16.17	45.74 2.09 -14.58	50.09 2.51 -10.39	39.66 2.86 6.80	33.76 2.60 8.59	31.12 2.51 10.66	31.11 1.93 4.88	34.67 1.83 3.40
RAVENSWOOD___2 23534	30.75 1.40 4.38	30.80 1.19 4.21	30.14 1.06 4.25	28.84 1.08 4.41	34.01 1.39 3.67	40.37 1.72 2.86	41.69 2.12 2.40	37.17 2.16 2.87	31.60 1.61 2.53	41.75 1.68 -9.60	47.68 1.65 -14.74	31.98 1.39 -2.28	28.73 1.35 1.83	32.65 1.45 -4.61	48.56 1.37 -25.06	43.30 1.09 -26.47	43.19 1.83 -16.17	45.74 2.09 -14.58	50.09 2.51 -10.39	39.66 2.86 6.80	33.76 2.60 8.59	31.12 2.51 10.66	31.11 1.93 4.88	34.67 1.83 3.40
RAVENSWOOD___3 23535	35.02 1.29 0.00	34.91 1.09 0.00	34.30 0.96 0.00	33.16 0.99 0.00	37.58 1.28 0.00	43.10 1.59 0.00	43.93 1.97 0.00	39.88 2.01 0.00	33.99 1.48 0.00	32.04 1.57 0.00	32.82 1.54 0.00	29.59 1.27 0.00	30.44 1.23 0.00	27.94 1.35 0.00	23.42 1.29 0.00	16.77 1.02 0.00	26.92 1.73 0.00	31.06 1.99 0.00	39.58 2.39 0.00	46.31 2.72 0.00	42.21 2.47 0.00	41.65 2.39 0.00	35.88 1.83 0.00	37.95 1.72 0.00
RAVENSWOOD___4 23820	30.75 1.40 4.38	30.80 1.19 4.21	30.14 1.06 4.25	28.84 1.08 4.41	34.01 1.39 3.67	40.37 1.72 2.86	41.69 2.12 2.40	37.17 2.16 2.87	31.60 1.61 2.53	41.75 1.68 -9.60	47.68 1.65 -14.74	31.98 1.39 -2.28	28.73 1.35 1.83	32.65 1.45 -4.61	48.56 1.37 -25.06	43.30 1.09 -26.47	43.19 1.83 -16.17	45.74 2.09 -14.58	50.09 2.51 -10.39	39.66 2.86 6.80	33.76 2.60 8.59	31.12 2.51 10.66	31.11 1.93 4.88	34.67 1.83 3.40
RCPL_TRUST___DRP 24196	34.98 1.25 0.00	34.85 1.03 0.00	34.25 0.91 0.00	33.11 0.93 0.00	37.51 1.22 0.00	43.03 1.52 0.00	43.87 1.91 0.00	39.83 1.96 0.00	33.93 1.42 0.00	32.01 1.54 0.00	32.80 1.51 0.00	29.57 1.25 0.00	30.41 1.20 0.00	27.92 1.33 0.00	23.41 1.27 0.00	16.76 1.01 0.00	26.90 1.71 0.00	31.05 1.97 0.00	39.55 2.37 0.00	46.27 2.68 0.00	42.16 2.42 0.00	41.62 2.35 0.00	35.84 1.79 0.00	37.91 1.67 0.00
RED___ROCHESTER 323720	33.09 -0.63 0.00	33.40 -0.43 0.00	33.07 -0.27 0.00	31.85 -0.32 0.00	35.99 -0.30 0.00	41.22 -0.30 0.00	41.22 -0.74 0.00	36.87 -1.00 0.00	31.67 -0.84 0.00	29.46 -1.01 0.00	30.55 -0.73 0.00	27.72 -0.60 0.00	28.58 -0.63 0.00	25.97 -0.62 0.00	21.61 -0.52 0.00	15.38 -0.37 0.00	24.46 -0.73 0.00	28.43 -0.64 0.00	36.52 -0.67 0.00	42.37 -1.22 0.00	38.65 -1.09 0.00	38.36 -0.90 0.00	33.36 -0.70 0.00	35.58 -0.66 0.00
REGAN___SOLAR 323812	35.88 2.15 0.00	35.95 2.13 0.00	35.46 2.12 0.00	34.20 2.02 0.00	38.68 2.39 0.00	44.35 2.83 0.00	44.98 3.02 0.00	40.40 2.53 0.00	33.50 0.98 0.00	30.54 0.07 0.00	31.05 -0.24 0.00	28.09 -0.23 0.00	28.99 -0.22 0.00	26.45 -0.14 0.00	21.98 -0.15 0.00	15.62 -0.13 0.00	25.02 -0.17 0.00	29.59 0.51 0.00	39.27 2.08 0.00	46.64 3.05 0.00	42.52 2.78 0.00	41.87 2.61 0.00	36.10 2.05 0.00	38.35 2.12 0.00
RENSSELAER___COGEN 23796	34.03 0.30 0.00	34.04 0.22 0.00	33.49 0.14 0.00	32.40 0.23 0.00	36.49 0.19 0.00	41.71 0.20 0.00	42.21 0.24 0.00	38.17 0.30 0.00	32.65 0.13 0.00	30.61 0.14 0.00	31.30 0.02 0.00	28.38 0.06 0.00	29.28 0.07 0.00	26.79 0.20 0.00	22.33 0.19 0.00	16.02 0.27 0.00	25.70 0.52 0.00	29.71 0.64 0.00	37.84 0.65 0.00	44.27 0.69 0.00	40.49 0.75 0.00	40.23 0.96 0.00	35.35 1.29 0.00	37.60 1.36 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.85 2.12 0.00	35.84 2.01 0.00	35.09 1.75 0.00	33.93 1.75 0.00	38.60 2.30 0.00	44.35 2.83 0.00	45.30 3.34 0.00	40.74 2.87 0.00	34.51 2.00 0.00	32.15 1.68 0.00	33.03 1.74 0.00	29.83 1.51 0.00	30.91 1.70 0.00	28.15 1.56 0.00	23.51 1.38 0.00	16.84 1.10 0.00	27.19 2.00 0.00	31.67 2.60 0.00	40.73 3.54 0.00	48.34 4.75 0.00	44.25 4.51 0.00	43.51 4.25 0.00	37.10 3.04 0.00	39.39 3.15 0.00
REVERE_CPFR_DRP 24186	34.83 1.10 0.00	34.99 1.16 0.00	34.47 1.13 0.00	33.19 1.02 0.00	37.45 1.15 0.00	42.95 1.44 0.00	43.70 1.73 0.00	39.45 1.58 0.00	33.61 1.09 0.00	31.07 0.60 0.00	31.68 0.40 0.00	28.62 0.30 0.00	29.48 0.27 0.00	26.76 0.16 0.00	22.22 0.09 0.00	15.78 0.03 0.00	25.37 0.18 0.00	29.57 0.49 0.00	38.39 1.20 0.00	45.24 1.65 0.00	41.26 1.52 0.00	40.55 1.28 0.00	35.02 0.97 0.00	37.23 0.99 0.00
REYNOLDS_115KV_TB3 80639	34.24 0.51 0.00	34.25 0.42 0.00	33.68 0.33 0.00	32.58 0.40 0.00	36.74 0.45 0.00	41.99 0.48 0.00	42.49 0.52 0.00	38.40 0.53 0.00	32.86 0.34 0.00	30.84 0.37 0.00	31.53 0.25 0.00	28.58 0.27 0.00	29.50 0.29 0.00	26.96 0.37 0.00	22.45 0.32 0.00	16.13 0.38 0.00	25.89 0.71 0.00	29.93 0.85 0.00	38.09 0.90 0.00	44.60 1.01 0.00	40.77 1.03 0.00	40.45 1.18 0.00	35.33 1.27 0.00	37.60 1.36 0.00
RIVERBAY____ 323610	34.99 1.25 -0.01	34.91 1.08 -0.01	34.41 1.06 -0.01	33.29 1.10 -0.01	37.67 1.37 0.00	43.22 1.70 -0.01	44.15 2.19 0.00	39.95 2.07 -0.01	34.04 1.52 0.00	32.02 1.56 0.01	32.79 1.51 0.00	29.57 1.25 0.00	30.42 1.21 -0.01	27.94 1.35 0.01	23.42 1.30 0.01	16.77 1.03 0.01	26.92 1.74 0.01	31.05 1.98 0.00	39.55 2.37 0.01	46.27 2.68 0.00	42.18 2.44 -0.01	41.64 2.36 -0.01	35.89 1.82 -0.01	37.94 1.70 0.00
RIVERSIDE_115KV_TB3 55908	34.18 0.45 0.00	34.18 0.36 0.00	33.62 0.28 0.00	32.53 0.35 0.00	36.65 0.36 0.00	41.91 0.39 0.00	42.40 0.44 0.00	38.33 0.45 0.00	32.82 0.30 0.00	30.80 0.33 0.00	31.50 0.21 0.00	28.54 0.23 0.00	29.45 0.24 0.00	26.91 0.32 0.00	22.41 0.28 0.00	16.08 0.34 0.00	25.83 0.64 0.00	29.86 0.79 0.00	38.03 0.84 0.00	44.52 0.92 0.00	40.69 0.95 0.00	40.41 1.14 0.00	35.43 1.37 0.00	37.69 1.45 0.00
ROARING___BROOK_WT_PWR 323790	33.52 -0.20 0.00	33.74 -0.08 0.00	33.31 -0.03 0.00	32.08 -0.09 0.00	36.16 -0.14 0.00	41.25 -0.27 0.00	41.69 -0.28 0.00	37.56 -0.31 0.00	32.45 -0.07 0.00	30.45 -0.03 0.00	31.18 -0.11 0.00	28.12 -0.20 0.00	28.94 -0.27 0.00	26.28 -0.32 0.00	21.77 -0.36 0.00	15.35 -0.40 0.00	24.55 -0.64 0.00	28.42 -0.66 0.00	36.49 -0.70 0.00	43.06 -0.53 0.00	39.09 -0.65 0.00	38.33 -0.94 0.00	33.33 -0.73 0.00	35.66 -0.58 0.00

ROCHESRG_115KV_T4 355643	32.74 -0.98 0.00	33.06 -0.76 0.00	32.74 -0.60 0.00	31.55 -0.63 0.00	35.63 -0.67 0.00	40.77 -0.74 0.00	40.72 -1.24 0.00	36.42 -1.45 0.00	31.31 -1.20 0.00	29.16 -1.31 0.00	30.25 -1.04 0.00	27.45 -0.87 0.00	28.31 -0.90 0.00	25.73 -0.86 0.00	21.16 -0.73 0.24	15.10 -0.52 0.13	24.04 -0.95 0.19	27.29 -0.96 0.83	36.06 -1.13 0.00	41.82 -1.77 0.00	38.17 -1.58 0.00	36.97 -1.37 0.92	33.00 -1.06 0.00	35.22 -1.02 0.00
ROCHESTER_9_IC 23652	32.93 -0.80 0.00	33.24 -0.59 0.00	32.91 -0.43 0.00	31.72 -0.46 0.00	35.83 -0.46 0.00	41.01 -0.50 0.00	40.98 -0.98 0.00	36.66 -1.21 0.00	31.49 -1.02 0.00	29.31 -1.16 0.00	30.41 -0.88 0.00	27.59 -0.73 0.00	28.44 -0.76 0.00	25.86 -0.73 0.00	21.51 -0.63 0.00	15.30 -0.44 0.00	24.36 -0.83 0.00	28.28 -0.80 0.00	36.28 -0.91 0.00	42.09 -1.51 0.00	38.42 -1.32 0.00	38.13 -1.13 0.00	33.19 -0.87 0.00	35.41 -0.82 0.00
ROCKVIEW_13_KV_LD 356306	35.05 1.32 0.00	34.98 1.16 0.00	34.38 1.03 0.00	33.24 1.06 0.00	37.65 1.35 0.00	43.19 1.68 0.00	44.01 2.04 0.00	39.91 2.04 0.00	34.01 1.50 0.00	32.02 1.55 0.00	32.76 1.48 0.00	29.57 1.25 0.00	30.42 1.21 0.00	27.89 1.30 0.00	23.37 1.24 0.00	16.73 0.98 0.00	26.86 1.67 0.00	31.02 1.95 0.00	39.54 2.35 0.00	46.31 2.72 0.00	42.22 2.48 0.00	41.66 2.40 0.00	35.89 1.83 0.00	37.97 1.74 0.00
ROME____115KV_TB2 80656	34.83 1.10 0.00	34.99 1.16 0.00	34.47 1.13 0.00	33.19 1.02 0.00	37.45 1.15 0.00	42.95 1.44 0.00	43.70 1.73 0.00	39.45 1.58 0.00	33.61 1.09 0.00	31.07 0.60 0.00	31.68 0.40 0.00	28.62 0.30 0.00	29.48 0.27 0.00	26.76 0.16 0.00	22.22 0.09 0.00	15.78 0.03 0.00	25.37 0.18 0.00	29.57 0.49 0.00	38.39 1.20 0.00	45.24 1.65 0.00	41.26 1.52 0.00	40.55 1.28 0.00	35.02 0.97 0.00	37.23 0.99 0.00
ROSETON___1 23587	34.62 0.89 0.00	34.56 0.74 0.00	34.00 0.66 0.00	32.87 0.70 0.00	37.21 0.92 0.00	42.63 1.12 0.00	43.36 1.40 0.00	39.28 1.41 0.00	33.50 0.99 0.00	31.50 1.03 0.00	32.20 0.91 0.00	29.06 0.75 0.00	29.95 0.74 0.00	27.43 0.84 0.00	22.96 0.83 0.00	16.43 0.68 0.00	26.37 1.18 0.00	30.45 1.37 0.00	38.80 1.61 0.00	45.43 1.84 0.00	41.44 1.70 0.00	40.91 1.64 0.00	35.30 1.24 0.00	37.41 1.17 0.00
ROSETON___2 23588	34.62 0.89 0.00	34.56 0.74 0.00	34.00 0.66 0.00	32.87 0.70 0.00	37.21 0.92 0.00	42.63 1.12 0.00	43.36 1.40 0.00	39.28 1.41 0.00	33.50 0.99 0.00	31.50 1.03 0.00	32.20 0.91 0.00	29.06 0.75 0.00	29.95 0.74 0.00	27.43 0.84 0.00	22.96 0.83 0.00	16.43 0.68 0.00	26.37 1.18 0.00	30.45 1.37 0.00	38.80 1.61 0.00	45.43 1.84 0.00	41.44 1.70 0.00	40.91 1.64 0.00	35.30 1.24 0.00	37.41 1.17 0.00
ROTRDAM_115KV_TB3 80664	34.46 0.73 0.00	34.49 0.66 0.00	33.95 0.60 0.00	32.81 0.63 0.00	37.08 0.78 0.00	42.44 0.93 0.00	43.00 1.04 0.00	38.83 0.96 0.00	33.10 0.59 0.00	31.04 0.57 0.00	31.77 0.48 0.00	28.75 0.43 0.00	29.68 0.47 0.00	27.08 0.49 0.00	22.58 0.45 0.00	16.11 0.37 0.00	25.86 0.67 0.00	29.96 0.89 0.00	38.40 1.21 0.00	45.03 1.44 0.00	41.11 1.37 0.00	40.60 1.33 0.00	35.10 1.04 0.00	37.31 1.07 0.00
RUSSELL___1 23602	33.09 -0.63 0.00	33.40 -0.43 0.00	33.07 -0.27 0.00	31.87 -0.30 0.00	35.99 -0.30 0.00	41.22 -0.29 0.00	41.23 -0.74 0.00	36.87 -1.00 0.00	31.67 -0.85 0.00	29.46 -1.01 0.00	30.55 -0.73 0.00	27.71 -0.61 0.00	28.58 -0.63 0.00	25.97 -0.62 0.00	21.60 -0.53 0.00	15.37 -0.38 0.00	24.47 -0.72 0.00	28.42 -0.65 0.00	36.49 -0.70 0.00	42.34 -1.25 0.00	38.65 -1.10 0.00	38.35 -0.92 0.00	33.35 -0.70 0.00	35.58 -0.66 0.00
RUSSELL___2 23532	33.09 -0.63 0.00	33.40 -0.43 0.00	33.07 -0.27 0.00	31.87 -0.30 0.00	35.99 -0.30 0.00	41.22 -0.29 0.00	41.23 -0.74 0.00	36.87 -1.00 0.00	31.67 -0.85 0.00	29.46 -1.01 0.00	30.55 -0.73 0.00	27.71 -0.61 0.00	28.58 -0.63 0.00	25.97 -0.62 0.00	21.60 -0.53 0.00	15.37 -0.38 0.00	24.47 -0.72 0.00	28.42 -0.65 0.00	36.49 -0.70 0.00	42.34 -1.25 0.00	38.65 -1.10 0.00	38.35 -0.92 0.00	33.35 -0.70 0.00	35.58 -0.66 0.00
RUSSELL___3 23549	33.09 -0.63 0.00	33.40 -0.43 0.00	33.07 -0.27 0.00	31.87 -0.30 0.00	35.99 -0.30 0.00	41.22 -0.29 0.00	41.23 -0.74 0.00	36.87 -1.00 0.00	31.67 -0.85 0.00	29.46 -1.01 0.00	30.55 -0.73 0.00	27.71 -0.61 0.00	28.58 -0.63 0.00	25.97 -0.62 0.00	21.60 -0.53 0.00	15.37 -0.38 0.00	24.47 -0.72 0.00	28.42 -0.65 0.00	36.49 -0.70 0.00	42.34 -1.25 0.00	38.65 -1.10 0.00	38.35 -0.92 0.00	33.35 -0.70 0.00	35.58 -0.66 0.00
RUSSELL___4 23556	33.09 -0.63 0.00	33.40 -0.43 0.00	33.07 -0.27 0.00	31.87 -0.30 0.00	35.99 -0.30 0.00	41.22 -0.29 0.00	41.23 -0.74 0.00	36.87 -1.00 0.00	31.67 -0.85 0.00	29.46 -1.01 0.00	30.55 -0.73 0.00	27.71 -0.61 0.00	28.58 -0.63 0.00	25.97 -0.62 0.00	21.60 -0.53 0.00	15.37 -0.38 0.00	24.47 -0.72 0.00	28.42 -0.65 0.00	36.49 -0.70 0.00	42.34 -1.25 0.00	38.65 -1.10 0.00	38.35 -0.92 0.00	33.35 -0.70 0.00	35.58 -0.66 0.00
RUSSELL___STATION 23914	33.09 -0.63 0.00	33.40 -0.43 0.00	33.07 -0.27 0.00	31.87 -0.30 0.00	35.99 -0.30 0.00	41.22 -0.29 0.00	41.23 -0.74 0.00	36.87 -1.00 0.00	31.67 -0.85 0.00	29.46 -1.01 0.00	30.55 -0.73 0.00	27.71 -0.61 0.00	28.58 -0.63 0.00	25.97 -0.62 0.00	21.60 -0.53 0.00	15.37 -0.38 0.00	24.47 -0.72 0.00	28.42 -0.65 0.00	36.49 -0.70 0.00	42.34 -1.25 0.00	38.65 -1.10 0.00	38.35 -0.92 0.00	33.35 -0.70 0.00	35.58 -0.66 0.00
S SALMON___HYD 24043	33.36 -0.37 0.00	33.60 -0.22 0.00	33.14 -0.20 0.00	31.88 -0.29 0.00	35.88 -0.41 0.00	41.04 -0.47 0.00	41.68 -0.28 0.00	37.50 -0.37 0.00	32.02 -0.49 0.00	29.66 -0.81 0.00	30.31 -0.97 0.00	27.36 -0.96 0.00	28.18 -1.03 0.00	25.62 -0.97 0.00	21.27 -0.86 0.00	15.08 -0.67 0.00	24.12 -1.07 0.00	27.97 -1.11 0.00	36.32 -0.86 0.00	42.81 -0.78 0.00	39.11 -0.63 0.00	38.44 -0.82 0.00	33.21 -0.84 0.00	35.37 -0.87 0.00
S.PERRY___115KV_TB1 80734	33.39 -0.33 0.00	33.84 0.02 0.00	33.59 0.25 0.00	32.41 0.23 0.00	36.72 0.42 0.00	42.15 0.63 0.00	42.30 0.34 0.00	37.29 -0.58 0.00	30.93 -1.59 0.00	27.98 -2.49 0.00	28.81 -2.47 0.00	26.00 -2.32 0.00	26.95 -2.26 0.00	25.37 -1.22 0.00	25.90 -0.98 -4.75	17.51 -0.72 -2.48	27.73 -1.25 -3.78	44.12 -1.24 -16.28	36.06 -1.13 0.00	43.09 -0.50 0.00	39.31 -0.44 0.00	56.89 -0.51 -18.14	33.48 -0.58 0.00	35.60 -0.64 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.01 -1.72 0.00	32.47 -1.36 0.00	32.25 -1.10 0.00	31.06 -1.12 0.00	35.15 -1.14 0.00	40.22 -1.30 0.00	39.72 -2.25 0.00	35.27 -2.60 0.00	30.56 -1.96 0.00	28.49 -1.98 0.00	29.80 -1.48 0.00	27.04 -1.28 0.00	27.82 -1.39 0.00	25.20 -1.39 0.00	19.90 -1.23 1.00	14.35 -0.88 0.52	22.79 -1.60 0.80	23.96 -1.70 3.42	35.07 -2.11 0.00	40.36 -3.23 0.00	36.82 -2.92 0.00	32.91 -2.55 3.80	32.19 -1.87 0.00	34.51 -1.72 0.00

SAWYER___23_KV_LOAD 55526	32.01 -1.72 0.00	32.47 -1.36 0.00	32.25 -1.10 0.00	31.06 -1.12 0.00	35.15 -1.14 0.00	40.22 -1.30 0.00	39.72 -2.25 0.00	35.27 -2.60 0.00	30.56 -1.96 0.00	28.49 -1.98 0.00	29.80 -1.48 0.00	27.04 -1.28 0.00	27.82 -1.39 0.00	25.20 -1.39 0.00	19.90 -1.23 1.00	14.35 -0.88 0.52	22.79 -1.60 0.80	23.96 -1.70 3.42	35.07 -2.11 0.00	40.36 -3.23 0.00	36.82 -2.92 0.00	32.91 -2.55 3.80	32.19 -1.87 0.00	34.51 -1.72 0.00
SELKIRK___I 23801	34.31 0.58 0.00	34.34 0.52 0.00	33.81 0.47 0.00	32.69 0.51 0.00	36.87 0.57 0.00	42.16 0.64 0.00	42.71 0.74 0.00	38.55 0.68 0.00	32.83 0.31 0.00	30.71 0.24 0.00	31.42 0.14 0.00	28.47 0.16 0.00	29.40 0.19 0.00	26.86 0.27 0.00	22.39 0.25 0.00	16.00 0.25 0.00	25.66 0.48 0.00	29.76 0.69 0.00	38.09 0.90 0.00	44.61 1.02 0.00	40.76 1.02 0.00	40.41 1.15 0.00	35.31 1.25 0.00	37.57 1.33 0.00
SELKIRK___II 23799	34.14 0.41 0.00	34.16 0.33 0.00	33.62 0.27 0.00	32.50 0.33 0.00	36.65 0.35 0.00	41.91 0.39 0.00	42.45 0.49 0.00	38.38 0.51 0.00	32.81 0.30 0.00	30.77 0.30 0.00	31.49 0.20 0.00	28.54 0.22 0.00	29.44 0.23 0.00	26.92 0.33 0.00	22.45 0.31 0.00	16.06 0.31 0.00	25.76 0.57 0.00	29.77 0.69 0.00	37.95 0.76 0.00	44.43 0.84 0.00	40.60 0.86 0.00	40.25 0.99 0.00	35.18 1.12 0.00	37.40 1.16 0.00
SENECA OSWGO___HYD 24041	33.11 -0.62 0.00	33.25 -0.57 0.00	32.82 -0.53 0.00	31.65 -0.53 0.00	35.62 -0.67 0.00	40.74 -0.78 0.00	41.15 -0.81 0.00	37.08 -0.79 0.00	31.77 -0.74 0.00	29.69 -0.78 0.00	30.52 -0.77 0.00	27.68 -0.64 0.00	28.57 -0.64 0.00	26.03 -0.56 0.00	21.67 -0.46 0.00	15.40 -0.35 0.00	24.60 -0.59 0.00	28.48 -0.60 0.00	36.42 -0.77 0.00	42.63 -0.96 0.00	38.89 -0.86 0.00	38.43 -0.83 0.00	33.25 -0.80 0.00	35.34 -0.89 0.00
SENECA___115KV_TB3 355854	32.41 -1.32 0.00	32.87 -0.96 0.00	32.64 -0.70 0.00	31.44 -0.73 0.00	35.59 -0.70 0.00	40.77 -0.75 0.00	40.35 -1.61 0.00	35.89 -1.99 0.00	31.04 -1.48 0.00	28.92 -1.55 0.00	30.21 -1.08 0.00	27.39 -0.93 0.00	28.14 -1.07 0.00	25.49 -1.10 0.00	20.26 -1.01 0.86	14.58 -0.72 0.45	23.15 -1.35 0.68	24.72 -1.42 2.93	35.47 -1.72 0.00	40.91 -2.68 0.00	37.27 -2.47 0.00	33.85 -2.15 3.26	32.50 -1.56 0.00	34.80 -1.44 0.00
SENECA___ENERGY 23797	33.31 -0.42 0.00	33.51 -0.32 0.00	33.14 -0.21 0.00	31.92 -0.26 0.00	36.08 -0.21 0.00	41.33 -0.18 0.00	41.70 -0.27 0.00	37.52 -0.35 0.00	32.07 -0.45 0.00	29.90 -0.57 0.00	30.64 -0.64 0.00	27.74 -0.58 0.00	28.58 -0.63 0.00	26.02 -0.57 0.00	21.98 -0.48 -0.32	15.56 -0.36 -0.17	24.82 -0.62 -0.26	29.62 -0.56 -1.11	36.64 -0.55 0.00	42.95 -0.64 0.00	39.15 -0.59 0.00	39.86 -0.64 -1.23	33.45 -0.61 0.00	35.54 -0.70 0.00
SHOEMAKER___GT 23640	34.53 0.80 0.00	34.50 0.67 0.00	33.95 0.60 0.00	32.82 0.64 0.00	37.15 0.85 0.00	42.57 1.06 0.00	43.23 1.26 0.00	39.15 1.27 0.00	33.35 0.84 0.00	31.28 0.81 0.00	31.92 0.64 0.00	28.81 0.50 0.00	29.68 0.47 0.00	27.17 0.58 0.00	22.72 0.58 0.00	16.24 0.50 0.00	26.05 0.87 0.00	30.15 1.08 0.00	38.55 1.36 0.00	45.21 1.62 0.00	41.27 1.52 0.00	40.74 1.48 0.00	35.18 1.12 0.00	37.28 1.05 0.00
SHOEMAKR_138KV_BK 111 55601	34.50 0.77 0.00	34.48 0.66 0.00	33.93 0.58 0.00	32.80 0.62 0.00	37.13 0.83 0.00	42.55 1.03 0.00	43.22 1.25 0.00	39.14 1.27 0.00	33.35 0.84 0.00	31.29 0.82 0.00	31.95 0.66 0.00	28.84 0.52 0.00	29.71 0.50 0.00	27.20 0.60 0.00	22.74 0.61 0.00	16.26 0.51 0.00	26.08 0.89 0.00	30.17 1.10 0.00	38.56 1.37 0.00	45.20 1.61 0.00	41.25 1.51 0.00	40.74 1.47 0.00	35.16 1.10 0.00	37.26 1.02 0.00
SHOREHAM_IC_1 23715	-10.38 1.04 45.15	-16.72 0.80 51.34	3.81 0.53 30.06	-3.11 0.53 35.81	20.86 0.70 16.14	39.20 1.27 3.58	43.74 1.77 0.00	35.60 1.43 3.70	33.46 0.95 0.00	31.39 0.92 0.00	23.05 0.77 9.00	29.07 0.75 0.00	29.82 0.61 0.00	27.26 0.67 0.00	23.29 1.16 0.00	16.75 1.00 0.00	27.06 1.87 0.00	30.63 1.56 0.00	38.83 1.64 0.00	46.43 2.84 0.00	42.61 2.87 0.00	42.15 2.88 0.00	35.74 1.68 0.00	37.48 1.25 0.00
SHOREHAM_IC_2 23716	-10.38 1.04 45.15	-16.72 0.80 51.34	3.81 0.53 30.06	-3.11 0.53 35.81	20.86 0.70 16.14	39.20 1.27 3.58	43.74 1.77 0.00	35.60 1.43 3.70	33.46 0.95 0.00	31.39 0.92 0.00	23.05 0.77 9.00	29.07 0.75 0.00	29.82 0.61 0.00	27.26 0.67 0.00	23.29 1.16 0.00	16.75 1.00 0.00	27.06 1.87 0.00	30.63 1.56 0.00	38.83 1.64 0.00	46.43 2.84 0.00	42.61 2.87 0.00	42.15 2.88 0.00	35.74 1.68 0.00	37.48 1.25 0.00
SISSONVILLE____ 23735	33.51 -0.22 0.00	33.68 -0.14 0.00	33.21 -0.14 0.00	31.97 -0.20 0.00	36.13 -0.16 0.00	41.35 -0.17 0.00	41.82 -0.15 0.00	37.72 -0.15 0.00	32.53 0.02 0.00	30.25 -0.22 0.00	30.99 -0.30 0.00	27.84 -0.48 0.00	28.56 -0.65 0.00	25.70 -0.89 0.00	21.20 -0.93 0.00	15.01 -0.74 0.00	23.97 -1.22 0.00	27.64 -1.44 0.00	36.07 -1.12 0.00	42.65 -0.94 0.00	39.51 -1.02 -0.79	38.93 -1.15 -0.81	35.37 -0.89 -2.20	35.52 -0.72 0.00
SITHE_IND_GS1 24169	32.81 -0.92 0.00	32.95 -0.87 0.00	32.53 -0.81 0.00	31.36 -0.82 0.00	35.23 -1.06 0.00	40.27 -1.24 0.00	40.62 -1.34 0.00	36.62 -1.25 0.00	31.45 -1.06 0.00	29.46 -1.02 0.00	30.35 -0.93 0.00	27.55 -0.77 0.00	28.48 -0.73 0.00	25.94 -0.65 0.00	21.60 -0.53 0.00	15.35 -0.40 0.00	24.48 -0.71 0.00	28.19 -0.89 0.00	35.99 -1.20 0.00	42.12 -1.47 0.00	38.42 -1.32 0.00	37.99 -1.28 0.00	32.92 -1.14 0.00	35.02 -1.22 0.00
SITHE_IND_GS2 24170	32.81 -0.92 0.00	32.95 -0.87 0.00	32.53 -0.81 0.00	31.36 -0.82 0.00	35.23 -1.06 0.00	40.27 -1.24 0.00	40.62 -1.34 0.00	36.62 -1.25 0.00	31.45 -1.06 0.00	29.46 -1.02 0.00	30.35 -0.93 0.00	27.55 -0.77 0.00	28.48 -0.73 0.00	25.94 -0.65 0.00	21.60 -0.53 0.00	15.35 -0.40 0.00	24.48 -0.71 0.00	28.19 -0.89 0.00	35.99 -1.20 0.00	42.12 -1.47 0.00	38.42 -1.32 0.00	37.99 -1.28 0.00	32.92 -1.14 0.00	35.02 -1.22 0.00
SITHE_IND_GS3 24171	32.81 -0.92 0.00	32.95 -0.87 0.00	32.53 -0.81 0.00	31.36 -0.82 0.00	35.23 -1.06 0.00	40.27 -1.24 0.00	40.62 -1.34 0.00	36.62 -1.25 0.00	31.45 -1.06 0.00	29.46 -1.02 0.00	30.35 -0.93 0.00	27.55 -0.77 0.00	28.48 -0.73 0.00	25.94 -0.65 0.00	21.60 -0.53 0.00	15.35 -0.40 0.00	24.48 -0.71 0.00	28.19 -0.89 0.00	35.99 -1.20 0.00	42.12 -1.47 0.00	38.42 -1.32 0.00	37.99 -1.28 0.00	32.92 -1.14 0.00	35.02 -1.22 0.00
SITHE_IND_GS4 24172	32.81 -0.92 0.00	32.95 -0.87 0.00	32.53 -0.81 0.00	31.36 -0.82 0.00	35.23 -1.06 0.00	40.27 -1.24 0.00	40.62 -1.34 0.00	36.62 -1.25 0.00	31.45 -1.06 0.00	29.46 -1.02 0.00	30.35 -0.93 0.00	27.55 -0.77 0.00	28.48 -0.73 0.00	25.94 -0.65 0.00	21.60 -0.53 0.00	15.35 -0.40 0.00	24.48 -0.71 0.00	28.19 -0.89 0.00	35.99 -1.20 0.00	42.12 -1.47 0.00	38.42 -1.32 0.00	37.99 -1.28 0.00	32.92 -1.14 0.00	35.02 -1.22 0.00

SITHE___BATAVIA 24024	33.06 -0.67 0.00	33.49 -0.33 0.00	33.20 -0.14 0.00	32.01 -0.16 0.00	36.31 0.01 0.00	41.63 0.11 0.00	41.37 -0.59 0.00	36.85 -1.02 0.00	31.57 -0.95 0.00	29.16 -1.31 0.00	30.22 -1.06 0.00	27.36 -0.96 0.00	28.12 -1.09 0.00	25.48 -1.11 0.00	20.34 -1.00 0.79	14.69 -0.65 0.41	23.28 -1.27 0.63	25.32 -1.05 2.70	36.24 -0.96 0.00	42.01 -1.58 0.00	38.38 -1.37 0.00	35.12 -1.14 3.01	33.32 -0.73 0.00	35.63 -0.61 0.00
SITHE___INDEPEND 23800	32.81 -0.92 0.00	32.95 -0.87 0.00	32.53 -0.81 0.00	31.35 -0.82 0.00	35.24 -1.06 0.00	40.27 -1.24 0.00	40.63 -1.33 0.00	36.62 -1.25 0.00	31.45 -1.06 0.00	29.46 -1.02 0.00	30.35 -0.93 0.00	27.54 -0.77 0.00	28.48 -0.73 0.00	25.94 -0.65 0.00	21.60 -0.54 0.00	15.35 -0.40 0.00	24.48 -0.71 0.00	28.19 -0.89 0.00	35.98 -1.21 0.00	42.11 -1.48 0.00	38.42 -1.32 0.00	37.99 -1.28 0.00	32.92 -1.14 0.00	35.02 -1.22 0.00
SITHE___MASSENA 23902	34.18 0.45 0.00	34.33 0.51 0.00	33.87 0.53 0.00	32.65 0.47 0.00	36.87 0.58 0.00	42.17 0.66 0.00	42.52 0.56 0.00	38.35 0.48 0.00	33.15 0.64 0.00	31.01 0.54 0.00	31.86 0.58 0.00	28.73 0.41 0.00	29.51 0.30 0.00	26.61 0.02 0.00	22.00 -0.13 0.00	15.60 -0.15 0.00	24.90 -0.29 0.00	28.67 -0.40 0.00	37.05 -0.14 0.00	43.54 -0.05 0.00	39.73 -0.20 -0.18	39.21 -0.24 -0.19	34.51 -0.06 -0.51	36.35 0.12 0.00
SITHE___OGDNSBRG 24021	34.56 0.84 0.00	34.74 0.92 0.00	34.27 0.93 0.00	33.01 0.84 0.00	37.30 1.00 0.00	42.73 1.22 0.00	43.19 1.23 0.00	38.93 1.06 0.00	33.43 0.92 0.00	30.98 0.50 0.00	31.72 0.44 0.00	28.54 0.22 0.00	29.28 0.07 0.00	26.36 -0.24 0.00	21.77 -0.36 0.00	15.43 -0.32 0.00	24.64 -0.55 0.00	28.40 -0.67 0.00	37.30 0.11 0.00	44.08 0.49 0.00	40.60 0.30 -0.56	40.02 0.18 -0.57	35.88 0.28 -1.54	36.75 0.51 0.00
SITHE___STERLING 23777	34.47 0.74 0.00	34.60 0.78 0.00	34.11 0.77 0.00	32.87 0.70 0.00	37.09 0.79 0.00	42.54 1.03 0.00	43.20 1.23 0.00	39.00 1.13 0.00	33.22 0.71 0.00	30.81 0.33 0.00	31.49 0.21 0.00	28.48 0.16 0.00	29.36 0.15 0.00	26.68 0.09 0.00	22.19 0.06 0.00	15.76 0.02 0.00	25.32 0.13 0.00	29.40 0.33 0.00	38.04 0.85 0.00	44.77 1.18 0.00	40.83 1.09 0.00	40.20 0.94 0.00	34.74 0.69 0.00	36.90 0.66 0.00
SLEIGHT__34_KV_TB1 80719	33.07 -0.66 0.00	33.31 -0.51 0.00	32.95 -0.40 0.00	31.74 -0.44 0.00	35.86 -0.43 0.00	41.11 -0.40 0.00	41.27 -0.69 0.00	37.03 -0.85 0.00	31.72 -0.80 0.00	29.49 -0.98 0.00	30.39 -0.90 0.00	27.54 -0.78 0.00	28.39 -0.82 0.00	25.81 -0.78 0.00	21.48 -0.65 0.00	15.28 -0.47 0.00	24.42 -0.77 0.00	28.31 -0.76 0.00	36.44 -0.75 0.00	42.46 -1.13 0.00	38.73 -1.02 0.00	38.35 -0.92 0.00	33.28 -0.78 0.00	35.43 -0.81 0.00
SOUTH CAIRO___GT 23612	35.36 1.63 0.00	35.39 1.57 0.00	34.83 1.48 0.00	33.69 1.52 0.00	38.00 1.70 0.00	43.57 2.06 0.00	44.25 2.29 0.00	40.00 2.13 0.00	33.92 1.41 0.00	31.32 0.85 0.00	31.90 0.62 0.00	28.79 0.47 0.00	29.65 0.44 0.00	27.08 0.49 0.00	22.54 0.41 0.00	16.15 0.40 0.00	25.96 0.77 0.00	30.26 1.19 0.00	39.17 1.98 0.00	46.20 2.61 0.00	42.30 2.55 0.00	41.92 2.65 0.00	36.69 2.63 0.00	38.98 2.74 0.00
SOUTH HAMPTN___IC 23720	-40.11 1.16 74.99	-49.16 0.93 83.91	-15.12 0.60 49.07	-25.67 0.61 58.46	10.74 0.80 26.35	37.41 1.74 5.84	44.37 2.40 0.00	33.85 2.02 6.04	33.94 1.42 0.00	31.78 1.31 0.00	17.75 1.16 14.70	29.36 1.05 0.00	30.11 0.90 0.00	27.52 0.93 0.00	23.46 1.33 0.00	16.87 1.12 0.00	27.27 2.09 0.00	30.99 1.91 0.00	39.36 2.17 0.00	47.00 3.41 0.00	43.13 3.39 0.00	42.62 3.35 0.00	36.19 2.13 0.00	37.96 1.73 0.00
SOUTHDOW_115KV_TB1 355954	33.59 -0.14 0.00	33.85 0.02 0.00	33.65 0.31 0.00	32.46 0.28 0.00	36.94 0.65 0.00	42.50 0.99 0.00	42.62 0.65 0.00	38.15 0.27 0.00	32.90 0.38 0.00	30.65 0.18 0.00	31.77 0.49 0.00	28.61 0.30 0.00	29.11 -0.10 0.00	26.39 -0.20 0.00	21.62 -0.29 0.22	15.26 -0.38 0.11	23.99 -1.03 0.17	27.23 -1.10 0.74	36.00 -1.19 0.00	42.05 -1.53 0.00	38.22 -1.52 0.00	36.88 -1.56 0.82	32.69 -1.37 0.00	34.94 -1.30 0.00
SOUTHOLD_69_KV_BK 2 55809	-40.84 1.02 75.59	-49.95 0.80 84.57	-15.72 0.38 49.45	-26.31 0.43 58.91	10.30 0.56 26.56	37.84 2.21 5.89	45.15 3.19 0.00	34.51 2.73 6.08	34.50 1.99 0.00	32.23 1.76 0.00	18.06 1.59 14.81	29.71 1.40 0.00	30.45 1.24 0.00	27.82 1.23 0.00	23.71 1.57 0.00	17.05 1.31 0.00	27.59 2.40 0.00	31.39 2.31 0.00	40.01 2.82 0.00	47.77 4.18 0.00	43.83 4.09 0.00	43.28 4.01 0.00	36.76 2.70 0.00	38.55 2.31 0.00
SOUTHOLD___IC 23719	-40.84 1.02 75.59	-49.95 0.79 84.57	-15.72 0.39 49.45	-26.31 0.43 58.91	10.30 0.56 26.56	37.84 2.21 5.89	45.15 3.19 0.00	34.51 2.72 6.08	34.50 1.99 0.00	32.23 1.76 0.00	18.06 1.59 14.81	29.71 1.39 0.00	30.45 1.24 0.00	27.82 1.23 0.00	23.70 1.57 0.00	17.06 1.31 0.00	27.59 2.40 0.00	31.39 2.31 0.00	40.01 2.82 0.00	47.77 4.18 0.00	43.83 4.09 0.00	43.28 4.01 0.00	36.76 2.70 0.00	38.54 2.31 0.00
SOUTH_FORK_WT_PWR 323839	-40.91 0.63 75.27	-50.00 0.39 84.21	-15.98 -0.08 49.25	-26.51 -0.02 58.67	9.87 0.02 26.45	37.76 2.10 5.86	45.24 3.28 0.00	34.60 2.78 6.06	34.56 2.04 0.00	32.28 1.80 0.00	18.16 1.63 14.75	29.75 1.43 0.00	30.48 1.27 0.00	27.85 1.26 0.00	23.73 1.60 0.00	17.08 1.33 0.00	27.63 2.44 0.00	31.41 2.34 0.00	40.05 2.86 0.00	47.84 4.24 0.00	43.89 4.14 0.00	43.35 4.08 0.00	36.81 2.75 0.00	38.60 2.36 0.00
SPIERFLS_115KV_TB 1 80737	34.68 0.95 0.00	34.69 0.86 0.00	34.08 0.73 0.00	32.96 0.79 0.00	37.33 1.04 0.00	42.82 1.31 0.00	43.51 1.55 0.00	39.24 1.37 0.00	33.40 0.88 0.00	31.68 1.20 0.00	32.41 1.13 0.00	29.30 0.98 0.00	30.20 0.99 0.00	27.52 0.93 0.00	22.92 0.79 0.00	16.40 0.65 0.00	26.43 1.24 0.00	30.75 1.67 0.00	39.55 2.36 0.00	46.49 2.91 0.00	42.45 2.71 0.00	41.90 2.63 0.00	36.14 2.08 0.00	38.39 2.15 0.00
ST LAWRENCE____ 23600	33.80 0.07 0.00	33.93 0.11 0.00	33.45 0.11 0.00	32.26 0.08 0.00	36.42 0.12 0.00	41.64 0.13 0.00	41.98 0.01 0.00	37.86 -0.01 0.00	32.77 0.25 0.00	30.73 0.26 0.00	31.60 0.31 0.00	28.51 0.19 0.00	29.32 0.11 0.00	26.49 -0.10 0.00	21.95 -0.19 0.00	15.57 -0.17 0.00	24.87 -0.32 0.00	28.61 -0.46 0.00	36.82 -0.37 0.00	43.25 -0.34 0.00	39.28 -0.46 0.00	38.79 -0.47 0.00	33.79 -0.27 0.00	36.10 -0.13 0.00
STATE_CA_115KV_115_LB 55624	34.22 0.49 0.00	34.23 0.40 0.00	33.68 0.33 0.00	32.58 0.40 0.00	36.69 0.40 0.00	41.97 0.46 0.00	42.48 0.52 0.00	38.42 0.54 0.00	32.85 0.33 0.00	30.79 0.32 0.00	31.48 0.20 0.00	28.54 0.22 0.00	29.44 0.23 0.00	26.92 0.33 0.00	22.44 0.30 0.00	16.09 0.35 0.00	25.85 0.66 0.00	29.91 0.83 0.00	38.11 0.93 0.00	44.59 1.00 0.00	40.76 1.02 0.00	40.48 1.21 0.00	35.55 1.49 0.00	37.79 1.55 0.00

STATE_ST_34_KV_LOAD 55959	33.85 0.12 0.00	33.99 0.17 0.00	33.59 0.25 0.00	32.27 0.09 0.00	36.50 0.20 0.00	41.78 0.27 0.00	42.08 0.12 0.00	37.91 0.03 0.00	32.41 -0.11 0.00	30.29 -0.18 0.00	30.96 -0.32 0.00	28.03 -0.29 0.00	28.89 -0.32 0.00	26.31 -0.28 0.00	21.90 -0.23 0.00	15.57 -0.18 0.00	24.90 -0.28 0.00	28.86 -0.22 0.00	37.10 -0.09 0.00	43.48 -0.11 0.00	39.67 -0.08 0.00	39.19 -0.07 0.00	34.01 -0.05 0.00	36.11 -0.13 0.00
STATION 5_MISC_HYD 23604	32.93 -0.80 0.00	33.24 -0.59 0.00	32.91 -0.43 0.00	31.70 -0.47 0.00	35.83 -0.47 0.00	41.02 -0.50 0.00	40.98 -0.98 0.00	36.66 -1.21 0.00	31.49 -1.02 0.00	29.32 -1.15 0.00	30.41 -0.88 0.00	27.59 -0.73 0.00	28.45 -0.76 0.00	25.86 -0.73 0.00	21.52 -0.62 0.00	15.31 -0.44 0.00	24.35 -0.84 0.00	28.28 -0.80 0.00	36.32 -0.87 0.00	42.12 -1.47 0.00	38.42 -1.32 0.00	38.15 -1.12 0.00	33.19 -0.87 0.00	35.41 -0.82 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.51 -0.21 0.00	33.75 -0.07 0.00	33.40 0.05 0.00	32.19 0.01 0.00	36.37 0.07 0.00	41.68 0.16 0.00	41.96 -0.01 0.00	37.67 -0.20 0.00	32.23 -0.28 0.00	30.00 -0.47 0.00	30.86 -0.43 0.00	27.93 -0.39 0.00	28.77 -0.44 0.00	26.18 -0.41 0.00	21.76 -0.37 0.00	15.48 -0.27 0.00	24.73 -0.46 0.00	28.73 -0.34 0.00	36.95 -0.24 0.00	43.16 -0.43 0.00	39.34 -0.41 0.00	38.90 -0.36 0.00	33.70 -0.35 0.00	35.86 -0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.79 -0.94 0.00	33.08 -0.74 0.00	32.77 -0.57 0.00	31.58 -0.60 0.00	35.66 -0.63 0.00	40.83 -0.69 0.00	40.84 -1.13 0.00	36.55 -1.32 0.00	31.39 -1.13 0.00	29.23 -1.24 0.00	30.29 -0.99 0.00	27.48 -0.84 0.00	28.35 -0.87 0.00	25.76 -0.83 0.00	21.42 -0.71 0.00	15.25 -0.50 0.00	24.28 -0.91 0.00	28.19 -0.89 0.00	36.16 -1.03 0.00	41.97 -1.62 0.00	38.31 -1.44 0.00	38.00 -1.26 0.00	33.05 -1.01 0.00	35.25 -0.99 0.00
STA_56___34_KV_BUS2 355983	32.79 -0.94 0.00	33.08 -0.74 0.00	32.77 -0.57 0.00	31.58 -0.60 0.00	35.66 -0.63 0.00	40.83 -0.69 0.00	40.84 -1.13 0.00	36.55 -1.32 0.00	31.39 -1.13 0.00	29.23 -1.24 0.00	30.29 -0.99 0.00	27.48 -0.84 0.00	28.35 -0.87 0.00	25.76 -0.83 0.00	21.42 -0.71 0.00	15.25 -0.50 0.00	24.28 -0.91 0.00	28.19 -0.89 0.00	36.16 -1.03 0.00	41.97 -1.62 0.00	38.31 -1.44 0.00	38.00 -1.26 0.00	33.05 -1.01 0.00	35.25 -0.99 0.00
STA_67___115KV_BK2 355882	32.86 -0.87 0.00	33.16 -0.66 0.00	32.84 -0.50 0.00	31.65 -0.52 0.00	35.75 -0.55 0.00	40.92 -0.59 0.00	40.89 -1.07 0.00	36.56 -1.31 0.00	31.42 -1.10 0.00	29.25 -1.22 0.00	30.34 -0.95 0.00	27.53 -0.79 0.00	28.39 -0.82 0.00	25.81 -0.79 0.00	21.25 -0.67 0.00	15.16 -0.48 0.00	24.14 -0.88 0.00	27.47 -0.87 0.00	36.19 -1.00 0.00	41.98 -1.61 0.00	38.32 -1.42 0.00	37.23 -1.22 0.00	33.11 -0.95 0.00	35.33 -0.90 0.00
STA_7___115KV_9TRANS 80674	33.09 -0.63 0.00	33.40 -0.43 0.00	33.07 -0.27 0.00	31.87 -0.30 0.00	35.99 -0.30 0.00	41.22 -0.29 0.00	41.23 -0.74 0.00	36.87 -1.00 0.00	31.67 -0.85 0.00	29.46 -1.01 0.00	30.55 -0.73 0.00	27.71 -0.61 0.00	28.58 -0.63 0.00	25.97 -0.62 0.00	21.60 -0.53 0.00	15.37 -0.38 0.00	24.47 -0.72 0.00	28.42 -0.65 0.00	36.49 -0.70 0.00	42.34 -1.25 0.00	38.65 -1.10 0.00	38.35 -0.92 0.00	33.35 -0.70 0.00	35.58 -0.66 0.00
STA_82___115KV_TB1 80780	32.86 -0.87 0.00	33.17 -0.65 0.00	32.85 -0.49 0.00	31.65 -0.52 0.00	35.76 -0.53 0.00	40.93 -0.58 0.00	40.90 -1.07 0.00	36.57 -1.30 0.00	31.42 -1.10 0.00	29.24 -1.23 0.00	30.33 -0.96 0.00	27.52 -0.80 0.00	28.38 -0.83 0.00	25.80 -0.79 0.00	21.46 -0.68 0.00	15.27 -0.48 0.00	24.30 -0.89 0.00	28.21 -0.87 0.00	36.20 -0.99 0.00	41.99 -1.60 0.00	38.32 -1.42 0.00	38.05 -1.21 0.00	33.12 -0.94 0.00	35.34 -0.90 0.00
STEEL___WIND 323596	32.35 -1.38 0.00	32.83 -0.99 0.00	32.60 -0.74 0.00	31.37 -0.81 0.00	35.53 -0.76 0.00	40.73 -0.78 0.00	40.31 -1.65 0.00	35.87 -2.00 0.00	31.00 -1.52 0.00	28.87 -1.60 0.00	30.15 -1.14 0.00	27.33 -0.99 0.00	28.06 -1.15 0.00	25.43 -1.16 0.00	20.24 -1.04 0.00	14.55 -0.75 0.00	23.10 -1.41 0.00	24.69 -1.45 0.00	35.45 -1.74 0.00	40.89 -2.70 0.00	37.19 -2.55 0.00	33.82 -2.18 0.00	32.44 -1.62 0.00	34.72 -1.52 0.00
STEPHTWN_115KV_BK_2 55603	34.42 0.69 0.00	34.40 0.58 0.00	33.84 0.49 0.00	32.73 0.56 0.00	36.90 0.61 0.00	42.28 0.76 0.00	42.93 0.97 0.00	38.74 0.87 0.00	33.08 0.57 0.00	30.94 0.47 0.00	31.57 0.29 0.00	28.61 0.29 0.00	29.54 0.33 0.00	26.98 0.39 0.00	22.51 0.38 0.00	16.13 0.39 0.00	25.97 0.78 0.00	30.13 1.05 0.00	38.48 1.29 0.00	45.01 1.42 0.00	41.02 1.28 0.00	40.80 1.54 0.00	35.70 1.65 0.00	37.88 1.65 0.00
STEUBEN_REC_LFGE 323667	31.95 -1.78 0.00	32.67 -1.15 0.00	32.53 -0.81 0.00	31.43 -0.75 0.00	35.70 -0.60 0.00	40.96 -0.55 0.00	41.04 -0.93 0.00	36.63 -1.24 0.00	31.32 -1.20 0.00	28.97 -1.50 0.00	29.59 -1.70 0.00	26.38 -1.94 0.00	27.26 -1.95 0.00	24.75 -1.84 0.00	23.61 -1.70 0.00	16.14 -1.26 0.00	25.39 -2.33 0.00	37.30 -2.64 0.00	34.42 -2.77 0.00	41.61 -1.98 0.00	37.78 -1.97 0.00	48.98 -2.38 0.00	31.69 -2.37 0.00	33.76 -2.48 0.00
STILLWATER___SOLAR 323814	34.82 1.09 0.00	34.85 1.02 0.00	34.26 0.91 0.00	33.14 0.96 0.00	37.49 1.19 0.00	42.93 1.42 0.00	43.57 1.61 0.00	39.29 1.42 0.00	33.44 0.92 0.00	31.41 0.94 0.00	32.04 0.76 0.00	29.00 0.68 0.00	29.94 0.73 0.00	27.30 0.71 0.00	22.75 0.62 0.00	16.28 0.54 0.00	26.23 1.04 0.00	30.47 1.40 0.00	39.11 1.92 0.00	45.91 2.32 0.00	41.91 2.16 0.00	41.40 2.14 0.00	35.78 1.72 0.00	38.05 1.81 0.00
STONY___BROOK 24151	33.65 1.48 1.55	31.30 1.25 3.77	31.98 0.94 2.30	30.36 0.93 2.74	36.22 1.16 1.23	42.87 1.63 0.27	44.06 2.10 0.00	39.46 1.87 0.28	33.85 1.33 0.00	31.72 1.25 0.00	31.76 1.16 0.69	29.30 0.98 0.00	30.07 0.86 0.00	27.48 0.89 0.00	23.29 1.16 0.00	16.72 0.97 0.00	27.01 1.82 0.00	30.99 1.91 0.00	39.51 2.32 0.00	46.86 3.26 0.00	42.90 3.16 0.00	42.28 3.02 0.00	36.08 2.03 0.00	37.91 1.68 0.00
STURGEON_POOL_HYD 23609	34.89 1.17 0.00	34.85 1.03 0.00	34.27 0.93 0.00	33.13 0.95 0.00	37.53 1.24 0.00	43.03 1.51 0.00	43.78 1.81 0.00	39.70 1.82 0.00	33.84 1.33 0.00	31.80 1.33 0.00	32.45 1.17 0.00	29.28 0.96 0.00	30.16 0.95 0.00	27.61 1.01 0.00	23.10 0.97 0.00	16.52 0.77 0.00	26.53 1.34 0.00	30.66 1.59 0.00	39.12 1.93 0.00	45.85 2.25 0.00	41.83 2.09 0.00	41.26 1.99 0.00	35.52 1.47 0.00	37.62 1.38 0.00
ST_LAW_115_BK7_LBMP 345037	33.80 0.07 0.00	33.94 0.11 0.00	33.47 0.12 0.00	32.27 0.10 0.00	36.44 0.14 0.00	41.65 0.14 0.00	41.99 0.02 0.00	37.88 0.01 0.00	32.79 0.27 0.00	30.73 0.26 0.00	31.60 0.32 0.00	28.52 0.20 0.00	29.32 0.11 0.00	26.48 -0.11 0.00	21.93 -0.21 0.00	15.56 -0.19 0.00	24.83 -0.35 0.00	28.57 -0.50 0.00	36.80 -0.39 0.00	43.22 -0.37 0.00	39.26 -0.48 0.00	38.75 -0.51 0.00	33.77 -0.29 0.00	36.10 -0.14 0.00

ST_LAW_115_BK8_LBMP 345038	33.80 0.07 0.00	33.94 0.11 0.00	33.47 0.12 0.00	32.27 0.10 0.00	36.44 0.14 0.00	41.65 0.14 0.00	41.99 0.02 0.00	37.88 0.01 0.00	32.79 0.27 0.00	30.73 0.26 0.00	31.60 0.32 0.00	28.52 0.20 0.00	29.32 0.11 0.00	26.48 -0.11 0.00	21.93 -0.21 0.00	15.56 -0.19 0.00	24.83 -0.35 0.00	28.57 -0.50 0.00	36.80 -0.39 0.00	43.22 -0.37 0.00	39.26 -0.48 0.00	38.75 -0.51 0.00	33.77 -0.29 0.00	36.10 -0.14 0.00
ST_LAW_230_BK5_LBMP 345035	33.80 0.07 0.00	33.93 0.11 0.00	33.45 0.11 0.00	32.26 0.08 0.00	36.42 0.12 0.00	41.64 0.13 0.00	41.98 0.01 0.00	37.86 -0.01 0.00	32.77 0.25 0.00	30.73 0.26 0.00	31.60 0.31 0.00	28.51 0.19 0.00	29.32 0.11 0.00	26.49 -0.10 0.00	21.95 -0.19 0.00	15.57 -0.17 0.00	24.87 -0.32 0.00	28.61 -0.46 0.00	36.82 -0.37 0.00	43.25 -0.34 0.00	39.28 -0.46 0.00	38.79 -0.47 0.00	33.79 -0.27 0.00	36.10 -0.13 0.00
ST_LAW_230_BK6_LBMP 345036	33.80 0.07 0.00	33.93 0.11 0.00	33.45 0.11 0.00	32.26 0.08 0.00	36.42 0.12 0.00	41.64 0.13 0.00	41.98 0.01 0.00	37.86 -0.01 0.00	32.77 0.25 0.00	30.73 0.26 0.00	31.60 0.31 0.00	28.51 0.19 0.00	29.32 0.11 0.00	26.49 -0.10 0.00	21.95 -0.19 0.00	15.57 -0.17 0.00	24.87 -0.32 0.00	28.61 -0.46 0.00	36.82 -0.37 0.00	43.25 -0.34 0.00	39.28 -0.46 0.00	38.79 -0.47 0.00	33.79 -0.27 0.00	36.10 -0.13 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.59 0.87 0.00	34.56 0.73 0.00	34.00 0.66 0.00	32.88 0.70 0.00	37.24 0.94 0.00	42.69 1.18 0.00	43.40 1.44 0.00	39.33 1.46 0.00	33.51 0.99 0.00	31.47 1.00 0.00	32.13 0.84 0.00	28.99 0.67 0.00	29.85 0.64 0.00	27.34 0.75 0.00	22.88 0.75 0.00	16.37 0.62 0.00	26.26 1.08 0.00	30.37 1.30 0.00	38.78 1.59 0.00	45.46 1.87 0.00	41.47 1.73 0.00	40.92 1.65 0.00	35.29 1.23 0.00	37.39 1.15 0.00
SWANROAD_115KV_TB1 355699	31.41 -2.32 0.00	31.89 -1.93 0.00	31.68 -1.67 0.00	30.58 -1.59 0.00	34.66 -1.64 0.00	39.63 -1.88 0.00	38.92 -3.04 0.00	34.39 -3.49 0.00	29.79 -2.73 0.00	27.77 -2.70 0.00	29.11 -2.17 0.00	26.44 -1.89 0.00	27.16 -2.05 0.00	24.59 -2.00 0.00	19.25 -1.78 1.11	13.93 -1.23 0.58	22.13 -2.18 0.88	22.91 -2.37 3.80	34.25 -2.94 0.00	39.40 -4.19 0.00	36.00 -3.74 0.00	31.66 -3.38 4.23	31.70 -2.36 0.00	34.07 -2.17 0.00
SYNERGY___BIOGAS 323694	33.06 -0.67 0.00	33.49 -0.33 0.00	33.20 -0.14 0.00	32.01 -0.16 0.00	36.31 0.01 0.00	41.63 0.11 0.00	41.37 -0.59 0.00	36.85 -1.02 0.00	31.57 -0.95 0.00	29.16 -1.31 0.00	30.22 -1.06 0.00	27.36 -0.96 0.00	28.12 -1.09 0.00	25.48 -1.11 0.00	20.34 -1.00 0.79	14.69 -0.65 0.41	23.28 -1.27 0.63	25.32 -1.05 2.70	36.24 -0.96 0.00	42.01 -1.58 0.00	38.38 -1.37 0.00	35.12 -1.14 3.01	33.32 -0.73 0.00	35.63 -0.61 0.00
SYRACUSE___ENERGY_ST1 323597	33.56 -0.16 0.00	33.71 -0.11 0.00	33.27 -0.07 0.00	32.07 -0.11 0.00	36.14 -0.15 0.00	41.35 -0.16 0.00	41.75 -0.22 0.00	37.62 -0.25 0.00	32.22 -0.29 0.00	30.12 -0.35 0.00	30.94 -0.35 0.00	28.06 -0.26 0.00	28.96 -0.25 0.00	26.38 -0.21 0.00	21.97 -0.16 0.00	15.62 -0.13 0.00	24.96 -0.23 0.00	28.88 -0.20 0.00	36.97 -0.22 0.00	43.28 -0.31 0.00	39.48 -0.27 0.00	39.02 -0.24 0.00	33.77 -0.29 0.00	35.89 -0.35 0.00
SYRACUSE___ENERGY_ST2 323598	33.56 -0.16 0.00	33.71 -0.11 0.00	33.27 -0.07 0.00	32.07 -0.11 0.00	36.14 -0.15 0.00	41.35 -0.16 0.00	41.75 -0.22 0.00	37.62 -0.25 0.00	32.22 -0.29 0.00	30.12 -0.35 0.00	30.94 -0.35 0.00	28.06 -0.26 0.00	28.96 -0.25 0.00	26.38 -0.21 0.00	21.97 -0.16 0.00	15.62 -0.13 0.00	24.96 -0.23 0.00	28.88 -0.20 0.00	36.97 -0.22 0.00	43.28 -0.31 0.00	39.48 -0.27 0.00	39.02 -0.24 0.00	33.77 -0.29 0.00	35.89 -0.35 0.00
SYRACUSE___POWER 24017	33.59 -0.14 0.00	33.73 -0.09 0.00	33.29 -0.05 0.00	32.10 -0.08 0.00	36.16 -0.14 0.00	41.38 -0.13 0.00	41.82 -0.15 0.00	37.69 -0.18 0.00	32.28 -0.23 0.00	30.16 -0.31 0.00	30.99 -0.30 0.00	28.09 -0.23 0.00	28.99 -0.21 0.00	26.41 -0.18 0.00	21.99 -0.14 0.00	15.63 -0.12 0.00	24.97 -0.22 0.00	28.90 -0.18 0.00	37.00 -0.19 0.00	43.33 -0.26 0.00	39.53 -0.21 0.00	39.06 -0.20 0.00	33.80 -0.26 0.00	35.91 -0.33 0.00
TALLMAN___138KV_BK151 55660	34.65 0.92 0.00	34.58 0.76 0.00	34.02 0.68 0.00	32.91 0.73 0.00	37.30 1.00 0.00	42.79 1.28 0.00	43.54 1.58 0.00	39.48 1.61 0.00	33.61 1.10 0.00	31.62 1.14 0.00	32.26 0.98 0.00	29.11 0.79 0.00	29.97 0.76 0.00	27.48 0.89 0.00	23.00 0.87 0.00	16.46 0.71 0.00	26.42 1.23 0.00	30.52 1.45 0.00	38.96 1.77 0.00	45.65 2.06 0.00	41.65 1.91 0.00	41.07 1.80 0.00	35.40 1.34 0.00	37.49 1.25 0.00
TEALLAVE_115KV_TB7 355573	33.44 -0.29 0.00	33.58 -0.24 0.00	33.14 -0.20 0.00	31.96 -0.22 0.00	36.00 -0.30 0.00	41.19 -0.33 0.00	41.60 -0.37 0.00	37.49 -0.39 0.00	32.12 -0.39 0.00	30.02 -0.45 0.00	30.88 -0.41 0.00	28.00 -0.32 0.00	28.91 -0.30 0.00	26.34 -0.25 0.00	21.93 -0.20 0.00	15.58 -0.16 0.00	24.90 -0.29 0.00	28.78 -0.29 0.00	36.82 -0.37 0.00	43.09 -0.50 0.00	39.32 -0.42 0.00	38.87 -0.40 0.00	33.63 -0.42 0.00	35.74 -0.49 0.00
TELGRAPH_34_KV_EAST 80808	32.28 -1.45 0.00	32.74 -1.08 0.00	32.49 -0.85 0.00	31.34 -0.84 0.00	35.51 -0.79 0.00	40.67 -0.85 0.00	40.19 -1.77 0.00	35.70 -2.17 0.00	30.76 -1.76 0.00	28.54 -1.93 0.00	29.77 -1.52 0.00	26.99 -1.33 0.00	27.73 -1.48 0.00	25.12 -1.47 0.00	19.80 -1.31 1.02	14.31 -0.90 0.53	22.74 -1.63 0.81	23.95 -1.64 3.49	35.29 -1.91 0.00	40.76 -2.83 0.00	37.23 -2.51 0.00	33.17 -2.22 3.88	32.52 -1.54 0.00	34.86 -1.38 0.00
TEMPLE___115KV_TB 2 55572	33.45 -0.28 0.00	33.60 -0.23 0.00	33.16 -0.19 0.00	31.98 -0.20 0.00	36.00 -0.29 0.00	41.20 -0.32 0.00	41.61 -0.35 0.00	37.50 -0.37 0.00	32.13 -0.38 0.00	30.04 -0.44 0.00	30.90 -0.39 0.00	28.02 -0.30 0.00	28.94 -0.27 0.00	26.35 -0.24 0.00	21.95 -0.18 0.00	15.60 -0.15 0.00	24.92 -0.27 0.00	28.81 -0.26 0.00	36.85 -0.34 0.00	43.12 -0.47 0.00	39.33 -0.41 0.00	38.88 -0.39 0.00	33.65 -0.41 0.00	35.76 -0.48 0.00
TIANA____69_KV_BK 1 55817	-40.54 1.22 75.48	-49.64 0.98 84.45	-15.36 0.68 49.38	-25.98 0.68 58.83	10.65 0.88 26.52	37.30 1.66 5.88	44.22 2.26 0.00	33.70 1.91 6.07	33.84 1.33 0.00	31.70 1.23 0.00	17.57 1.08 14.79	29.30 0.98 0.00	30.04 0.83 0.00	27.46 0.86 0.00	23.41 1.28 0.00	16.83 1.08 0.00	27.20 2.01 0.00	30.91 1.84 0.00	39.28 2.09 0.00	46.88 3.29 0.00	43.01 3.27 0.00	42.50 3.24 0.00	36.10 2.05 0.00	37.88 1.64 0.00
TILDEN___115KV_TB1 80814	33.59 -0.14 0.00	33.73 -0.09 0.00	33.29 -0.05 0.00	32.10 -0.08 0.00	36.16 -0.14 0.00	41.38 -0.13 0.00	41.82 -0.15 0.00	37.69 -0.18 0.00	32.28 -0.23 0.00	30.16 -0.31 0.00	30.99 -0.30 0.00	28.09 -0.23 0.00	28.99 -0.21 0.00	26.41 -0.18 0.00	21.99 -0.14 0.00	15.63 -0.12 0.00	24.97 -0.22 0.00	28.90 -0.18 0.00	37.00 -0.19 0.00	43.33 -0.26 0.00	39.53 -0.21 0.00	39.06 -0.20 0.00	33.80 -0.26 0.00	35.91 -0.33 0.00

TRIGEN___CC 323695	49.94 1.52 -14.69	36.33 1.29 -1.21	34.40 1.06 0.00	33.24 1.07 0.00	37.64 1.34 0.00	43.22 1.71 0.00	44.09 2.12 0.00	39.88 2.01 0.00	33.99 1.47 0.00	31.92 1.45 0.00	32.71 1.42 0.00	29.52 1.21 0.00	30.34 1.14 0.00	27.78 1.19 0.00	23.37 1.24 0.00	16.75 1.00 0.00	26.95 1.76 0.00	31.06 1.98 0.00	39.61 2.42 0.00	46.65 3.06 0.00	42.60 2.85 0.00	41.99 2.72 0.00	36.03 1.97 0.00	38.04 1.81 0.00
TRINITY___115KV___4 BK 55933	34.08 0.35 0.00	34.09 0.27 0.00	33.54 0.20 0.00	32.44 0.27 0.00	36.55 0.25 0.00	41.79 0.27 0.00	42.27 0.30 0.00	38.22 0.34 0.00	32.74 0.22 0.00	30.74 0.27 0.00	31.43 0.15 0.00	28.49 0.17 0.00	29.40 0.19 0.00	26.86 0.27 0.00	22.36 0.23 0.00	16.04 0.29 0.00	25.75 0.57 0.00	29.77 0.70 0.00	37.92 0.73 0.00	44.37 0.78 0.00	40.57 0.83 0.00	40.30 1.04 0.00	35.40 1.34 0.00	37.65 1.42 0.00
UNION___PROCESSING_DRP 323587	32.86 -0.87 0.00	33.17 -0.65 0.00	32.86 -0.48 0.00	31.66 -0.51 0.00	35.77 -0.53 0.00	40.94 -0.58 0.00	40.90 -1.06 0.00	36.57 -1.30 0.00	31.42 -1.10 0.00	29.25 -1.22 0.00	30.33 -0.95 0.00	27.52 -0.79 0.00	28.38 -0.83 0.00	25.80 -0.79 0.00	21.46 -0.67 0.00	15.27 -0.48 0.00	24.30 -0.89 0.00	28.21 -0.87 0.00	36.21 -0.98 0.00	42.00 -1.59 0.00	38.33 -1.41 0.00	38.05 -1.21 0.00	33.12 -0.94 0.00	35.34 -0.90 0.00
UPPER HUDSON___HYD 24058	34.68 0.95 0.00	34.69 0.86 0.00	34.08 0.73 0.00	32.96 0.79 0.00	37.33 1.04 0.00	42.82 1.31 0.00	43.51 1.55 0.00	39.24 1.37 0.00	33.40 0.88 0.00	31.68 1.20 0.00	32.41 1.13 0.00	29.30 0.98 0.00	30.20 0.99 0.00	27.52 0.93 0.00	22.92 0.79 0.00	16.40 0.65 0.00	26.43 1.24 0.00	30.75 1.67 0.00	39.55 2.36 0.00	46.49 2.90 0.00	42.45 2.71 0.00	41.90 2.63 0.00	36.14 2.08 0.00	38.38 2.15 0.00
UPPER RAQUET___HYD 24056	33.51 -0.21 0.00	33.68 -0.14 0.00	33.21 -0.14 0.00	31.98 -0.20 0.00	36.13 -0.16 0.00	41.35 -0.16 0.00	41.82 -0.15 0.00	37.72 -0.15 0.00	32.53 0.02 0.00	30.25 -0.22 0.00	30.99 -0.30 0.00	27.84 -0.48 0.00	28.56 -0.65 0.00	25.70 -0.89 0.00	21.20 -0.93 0.00	15.01 -0.74 0.00	23.98 -1.21 0.00	27.64 -1.44 0.00	36.06 -1.13 0.00	42.65 -0.94 0.00	39.51 -1.02 -0.79	38.93 -1.15 -0.81	35.37 -0.88 -2.20	35.52 -0.72 0.00
VALLEY44_115KV_TB2 355964	32.72 -1.01 0.00	33.13 -0.69 0.00	32.95 -0.39 0.00	31.79 -0.39 0.00	35.84 -0.45 0.00	40.81 -0.70 0.00	40.77 -1.20 0.00	36.62 -1.25 0.00	31.55 -0.96 0.00	29.46 -1.01 0.00	30.65 -0.63 0.00	27.79 -0.53 0.00	28.48 -0.73 0.00	25.84 -0.75 0.00	21.33 -0.80 0.00	15.15 -0.59 0.00	24.06 -1.12 0.00	27.79 -1.29 0.00	35.54 -1.65 0.00	41.35 -2.24 0.00	37.62 -2.12 0.00	37.38 -1.89 0.00	32.62 -1.44 0.00	34.82 -1.41 0.00
VALLEY___115KV_TB 1-4 80826	33.64 -0.09 0.00	33.68 -0.14 0.00	33.17 -0.17 0.00	32.03 -0.14 0.00	36.28 -0.02 0.00	41.56 0.05 0.00	42.16 0.20 0.00	38.09 0.22 0.00	32.22 -0.30 0.00	29.91 -0.56 0.00	30.47 -0.81 0.00	27.56 -0.76 0.00	28.47 -0.74 0.00	26.04 -0.56 0.00	21.67 -0.46 0.00	15.48 -0.27 0.00	24.84 -0.35 0.00	29.01 -0.07 0.00	37.49 0.30 0.00	44.33 0.74 0.00	40.56 0.82 0.00	40.06 0.80 0.00	34.76 0.70 0.00	36.65 0.42 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.38 1.65 0.00	35.49 1.66 0.00	34.99 1.64 0.00	33.75 1.57 0.00	38.17 1.88 0.00	43.81 2.29 0.00	44.41 2.44 0.00	40.06 2.19 0.00	34.21 1.69 0.00	31.95 1.48 0.00	32.74 1.46 0.00	29.61 1.29 0.00	30.52 1.31 0.00	27.80 1.21 0.00	23.14 1.01 0.00	16.42 0.67 0.00	26.36 1.17 0.00	30.64 1.57 0.00	39.19 2.00 0.00	45.85 2.26 0.00	41.90 2.16 0.00	41.37 2.10 0.00	35.72 1.66 0.00	37.91 1.67 0.00
VISCHER___FERRY HYD 24020	34.47 0.74 0.00	34.47 0.65 0.00	33.88 0.54 0.00	32.79 0.61 0.00	37.05 0.76 0.00	42.38 0.86 0.00	42.93 0.97 0.00	38.75 0.88 0.00	33.10 0.58 0.00	31.05 0.58 0.00	31.74 0.45 0.00	28.74 0.42 0.00	29.68 0.47 0.00	27.09 0.50 0.00	22.58 0.45 0.00	16.20 0.45 0.00	26.03 0.85 0.00	30.11 1.04 0.00	38.45 1.26 0.00	45.09 1.50 0.00	41.22 1.47 0.00	40.79 1.53 0.00	35.36 1.30 0.00	37.61 1.37 0.00
V_A_10_SYNC_DSASP 323832	32.06 -1.67 0.00	32.47 -1.36 0.00	32.22 -1.12 0.00	31.02 -1.15 0.00	35.10 -1.20 0.00	40.10 -1.41 0.00	39.73 -2.23 0.00	35.41 -2.46 0.00	30.59 -1.92 0.00	28.55 -1.92 0.00	29.79 -1.50 0.00	27.07 -1.24 0.00	27.89 -1.32 0.00	25.30 -1.29 0.00	20.26 -1.10 0.78	14.54 -0.80 0.40	23.11 -1.46 0.62	24.89 -1.53 2.66	35.29 -1.90 0.00	40.67 -2.92 0.00	37.11 -2.64 0.00	34.02 -2.29 2.96	32.32 -1.74 0.00	34.61 -1.62 0.00
V_CMM_10_SYNC_DSASP 323787	33.97 0.25 0.00	34.12 0.30 0.00	33.65 0.31 0.00	32.45 0.28 0.00	36.63 0.34 0.00	41.88 0.37 0.00	42.21 0.25 0.00	38.08 0.21 0.00	32.96 0.45 0.00	30.90 0.43 0.00	31.78 0.49 0.00	28.67 0.35 0.00	29.47 0.26 0.00	26.61 0.02 0.00	22.04 -0.09 0.00	15.63 -0.11 0.00	24.96 -0.23 0.00	28.72 -0.35 0.00	37.00 -0.19 0.00	43.45 -0.14 0.00	39.47 -0.27 0.00	38.96 -0.30 0.00	33.95 -0.11 0.00	36.29 0.05 0.00
V_CMP_10_SYNC_DSASP 323788	34.28 0.55 0.00	34.27 0.45 0.00	33.65 0.31 0.00	32.45 0.27 0.00	36.62 0.32 0.00	41.66 0.14 0.00	42.17 0.21 0.00	37.92 0.04 0.00	33.02 0.51 0.00	30.92 0.45 0.00	31.86 0.58 0.00	28.45 0.13 0.00	29.27 0.06 0.00	26.43 -0.16 0.00	21.84 -0.29 0.00	15.42 -0.32 0.00	24.61 -0.58 0.00	28.11 -0.97 0.00	36.25 -0.94 0.00	43.19 -0.40 0.00	34.01 -0.90 4.83	33.25 -1.06 4.96	20.04 -0.61 13.41	36.03 -0.21 0.00
V_D_10_SYNC_DSASP 323841	34.19 0.46 0.00	34.34 0.51 0.00	33.87 0.53 0.00	32.65 0.47 0.00	36.88 0.58 0.00	42.17 0.66 0.00	42.52 0.56 0.00	38.35 0.48 0.00	33.16 0.64 0.00	31.02 0.55 0.00	31.87 0.58 0.00	28.73 0.41 0.00	29.52 0.31 0.00	26.62 0.03 0.00	22.01 -0.13 0.00	15.60 -0.15 0.00	24.91 -0.27 0.00	28.68 -0.39 0.00	37.05 -0.14 0.00	43.55 -0.04 0.00	39.72 -0.19 -0.17	39.20 -0.24 -0.18	34.49 -0.06 -0.48	36.35 0.12 0.00
V_E_10_SYNC_DSASP 323830	35.61 1.88 0.00	35.57 1.75 0.00	34.93 1.59 0.00	33.39 1.21 0.00	37.97 1.67 0.00	44.17 2.66 0.00	44.95 2.98 0.00	40.50 2.63 0.00	34.48 1.97 0.00	31.64 1.17 0.00	32.12 0.84 0.00	29.16 0.84 0.00	29.71 0.50 0.00	26.95 0.36 0.00	22.64 0.23 -0.27	15.89 0.00 -0.14	25.67 0.27 -0.21	30.94 0.94 -0.92	39.15 1.96 0.00	46.90 3.30 0.00	42.84 3.10 0.00	42.72 2.43 -1.03	35.19 1.13 0.00	36.52 0.28 0.00
V_F_30_NSYNC___DSASP 323816	34.87 1.15 0.00	34.90 1.08 0.00	34.32 0.98 0.00	33.19 1.02 0.00	37.55 1.25 0.00	43.01 1.50 0.00	43.65 1.69 0.00	39.37 1.50 0.00	33.51 0.99 0.00	31.47 1.00 0.00	32.13 0.85 0.00	29.09 0.77 0.00	30.01 0.80 0.00	27.37 0.78 0.00	22.81 0.68 0.00	16.32 0.58 0.00	26.28 1.10 0.00	30.54 1.46 0.00	39.18 1.99 0.00	45.98 2.39 0.00	41.96 2.22 0.00	41.46 2.19 0.00	35.82 1.77 0.00	38.09 1.85 0.00



V_F_30_SYNC_DSASP 323786	34.22 0.49 0.00	34.23 0.40 0.00	33.67 0.33 0.00	32.57 0.40 0.00	36.69 0.40 0.00	41.97 0.45 0.00	42.48 0.52 0.00	38.41 0.54 0.00	32.85 0.33 0.00	30.79 0.32 0.00	31.48 0.19 0.00	28.54 0.22 0.00	29.44 0.23 0.00	26.92 0.33 0.00	22.43 0.30 0.00	16.09 0.34 0.00	25.84 0.65 0.00	29.90 0.83 0.00	38.11 0.92 0.00	44.59 1.00 0.00	40.76 1.02 0.00	40.48 1.21 0.00	35.54 1.49 0.00	37.78 1.54 0.00
V_XM_10_SYNC_DSASP 323789	34.28 0.55 0.00	34.27 0.45 0.00	33.65 0.31 0.00	32.45 0.27 0.00	36.62 0.32 0.00	41.66 0.14 0.00	42.17 0.21 0.00	37.92 0.04 0.00	33.02 0.51 0.00	30.92 0.45 0.00	31.86 0.58 0.00	28.45 0.13 0.00	29.27 0.06 0.00	26.43 -0.16 0.00	21.84 -0.29 0.00	15.42 -0.32 0.00	24.61 -0.58 0.00	28.11 -0.97 0.00	36.25 -0.94 0.00	43.19 -0.40 0.00	34.01 -0.90 4.83	33.25 -1.06 4.96	20.04 -0.61 13.41	36.03 -0.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.78 1.06 0.00	34.71 0.89 0.00	34.15 0.81 0.00	33.02 0.85 0.00	37.44 1.14 0.00	43.15 1.64 0.00	43.95 1.98 0.00	39.85 1.98 0.00	33.93 1.42 0.00	31.90 1.42 0.00	32.56 1.28 0.00	29.37 1.05 0.00	30.23 1.03 0.00	27.72 1.13 0.00	23.20 1.07 0.00	16.60 0.85 0.00	26.53 1.34 0.00	30.66 1.59 0.00	39.13 1.94 0.00	45.85 2.26 0.00	41.82 2.07 0.00	41.24 1.98 0.00	35.55 1.49 0.00	37.64 1.41 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	35.03 1.30 0.00	34.90 1.07 0.00	34.30 0.96 0.00	33.15 0.98 0.00	37.57 1.28 0.00	43.10 1.59 0.00	43.94 1.98 0.00	39.90 2.03 0.00	34.01 1.50 0.00	32.09 1.62 0.00	32.89 1.60 0.00	29.65 1.33 0.00	30.49 1.29 0.00	28.00 1.41 0.00	23.48 1.34 0.00	16.81 1.06 0.00	26.98 1.79 0.00	31.14 2.06 0.00	39.66 2.47 0.00	46.38 2.80 0.00	42.26 2.51 0.00	41.70 2.43 0.00	35.92 1.86 0.00	37.98 1.75 0.00
W50THST__13_KV_LOAD 356117	35.18 1.45 0.00	35.04 1.22 0.00	34.43 1.09 0.00	33.29 1.12 0.00	37.73 1.43 0.00	43.30 1.78 0.00	44.17 2.21 0.00	40.13 2.26 0.00	34.23 1.71 0.00	32.32 1.85 0.00	33.12 1.84 0.00	29.87 1.55 0.00	30.73 1.52 0.00	28.21 1.62 0.00	23.67 1.53 0.00	16.95 1.20 0.00	27.19 2.01 0.00	31.38 2.31 0.00	39.96 2.77 0.00	46.71 3.12 0.00	42.53 2.79 0.00	41.97 2.70 0.00	36.13 2.07 0.00	38.18 1.95 0.00
WADING RIVER_IC_1 23522	-35.18 1.06 69.96	-43.77 0.83 78.42	-11.97 0.55 45.86	-21.92 0.54 54.64	12.40 0.74 24.63	37.33 1.27 5.46	43.72 1.76 0.00	33.68 1.45 5.64	33.48 0.97 0.00	31.42 0.94 0.00	18.35 0.81 13.74	29.09 0.77 0.00	29.85 0.64 0.00	27.28 0.69 0.00	23.29 1.16 0.00	16.74 0.99 0.00	27.05 1.86 0.00	30.63 1.56 0.00	38.75 1.56 0.00	46.36 2.77 0.00	42.57 2.83 0.00	42.13 2.87 0.00	35.69 1.63 0.00	37.44 1.20 0.00
WADING RIVER_IC_2 23547	-35.18 1.06 69.96	-43.77 0.83 78.42	-11.97 0.55 45.86	-21.92 0.54 54.64	12.40 0.74 24.63	37.33 1.27 5.46	43.72 1.76 0.00	33.68 1.45 5.64	33.48 0.97 0.00	31.42 0.94 0.00	18.35 0.81 13.74	29.09 0.77 0.00	29.85 0.64 0.00	27.28 0.69 0.00	23.29 1.16 0.00	16.74 0.99 0.00	27.05 1.86 0.00	30.63 1.56 0.00	38.75 1.56 0.00	46.36 2.77 0.00	42.57 2.83 0.00	42.13 2.87 0.00	35.69 1.63 0.00	37.44 1.20 0.00
WADING RIVER_IC_3 23601	-35.18 1.06 69.96	-43.77 0.83 78.42	-11.97 0.55 45.86	-21.92 0.54 54.64	12.40 0.74 24.63	37.33 1.27 5.46	43.72 1.76 0.00	33.68 1.45 5.64	33.48 0.97 0.00	31.42 0.94 0.00	18.35 0.81 13.74	29.09 0.77 0.00	29.85 0.64 0.00	27.28 0.69 0.00	23.29 1.16 0.00	16.74 0.99 0.00	27.05 1.86 0.00	30.63 1.56 0.00	38.75 1.56 0.00	46.36 2.77 0.00	42.57 2.83 0.00	42.13 2.87 0.00	35.69 1.63 0.00	37.44 1.20 0.00
WALDENNY_12_KV_BK2 80841	32.36 -1.36 0.00	32.83 -0.99 0.00	32.60 -0.74 0.00	31.41 -0.76 0.00	35.58 -0.72 0.00	40.74 -0.77 0.00	40.30 -1.67 0.00	35.81 -2.06 0.00	30.99 -1.52 0.00	28.88 -1.59 0.00	30.20 -1.09 0.00	27.37 -0.95 0.00	28.11 -1.10 0.00	25.47 -1.12 0.00	20.23 -1.02 0.88	14.56 -0.73 0.46	23.13 -1.36 0.70	24.63 -1.42 3.03	35.47 -1.72 0.00	40.89 -2.70 0.00	37.26 -2.49 0.00	33.74 -2.16 3.36	32.51 -1.55 0.00	34.82 -1.42 0.00
WALDEN__HYDRO 24148	34.90 1.18 0.00	34.86 1.03 0.00	34.28 0.94 0.00	33.15 0.98 0.00	37.55 1.25 0.00	43.06 1.55 0.00	43.82 1.86 0.00	39.72 1.84 0.00	33.81 1.30 0.00	31.71 1.24 0.00	32.33 1.04 0.00	29.16 0.84 0.00	30.03 0.81 0.00	27.50 0.90 0.00	23.00 0.87 0.00	16.46 0.72 0.00	26.43 1.24 0.00	30.59 1.51 0.00	39.09 1.90 0.00	45.85 2.25 0.00	41.84 2.09 0.00	41.28 2.01 0.00	35.59 1.53 0.00	37.69 1.45 0.00
WARRENSBURG____ 23737	34.68 0.95 0.00	34.69 0.86 0.00	34.08 0.73 0.00	32.96 0.79 0.00	37.33 1.04 0.00	42.82 1.31 0.00	43.51 1.55 0.00	39.24 1.37 0.00	33.40 0.88 0.00	31.68 1.20 0.00	32.41 1.13 0.00	29.30 0.98 0.00	30.20 0.99 0.00	27.52 0.93 0.00	22.92 0.79 0.00	16.40 0.65 0.00	26.43 1.24 0.00	30.75 1.67 0.00	39.55 2.36 0.00	46.49 2.91 0.00	42.45 2.71 0.00	41.90 2.63 0.00	36.14 2.08 0.00	38.39 2.15 0.00
WATERSIDE____6 8 9 23538	30.75 1.40 4.38	30.80 1.18 4.21	30.14 1.06 4.25	28.84 1.07 4.41	34.01 1.39 3.67	40.37 1.71 2.86	41.69 2.12 2.40	37.17 2.16 2.87	31.60 1.61 2.53	41.75 1.68 -9.60	47.67 1.65 -14.74	31.98 1.39 -2.28	28.73 1.35 1.83	32.65 1.45 -4.61	48.57 1.38 -25.06	43.30 1.09 -26.47	43.18 1.83 -16.17	45.74 2.09 -14.58	50.10 2.51 -10.39	39.66 2.87 6.80	33.75 2.60 8.59	31.12 2.51 10.66	31.11 1.93 4.88	34.67 1.83 3.40
WATKINRD_115KV_LN8_ILLION 55919	33.73 0.01 0.00	33.79 -0.04 0.00	33.28 -0.07 0.00	32.13 -0.04 0.00	36.33 0.03 0.00	41.61 0.09 0.00	42.17 0.21 0.00	38.09 0.22 0.00	32.34 -0.17 0.00	30.13 -0.34 0.00	30.78 -0.50 0.00	27.86 -0.46 0.00	28.78 -0.43 0.00	26.27 -0.32 0.00	21.87 -0.26 0.00	15.60 -0.15 0.00	25.04 -0.15 0.00	29.14 0.06 0.00	37.50 0.31 0.00	44.18 0.59 0.00	40.39 0.64 0.00	39.89 0.62 0.00	34.61 0.55 0.00	36.61 0.37 0.00
WATSON__69_KV_BK 1 55734	38.32 1.86 -2.73	35.67 1.62 -0.22	34.66 1.32 0.00	33.46 1.29 0.00	37.86 1.57 0.00	43.61 2.09 0.00	44.56 2.60 0.00	40.21 2.34 0.00	34.22 1.71 0.00	32.04 1.57 0.00	32.76 1.48 0.00	29.56 1.24 0.00	30.33 1.12 0.00	27.72 1.13 0.00	23.46 1.33 0.00	16.84 1.09 0.00	27.20 2.01 0.00	31.27 2.20 0.00	39.98 2.79 0.00	47.38 3.79 0.00	43.34 3.59 0.00	42.68 3.42 0.00	36.45 2.39 0.00	38.34 2.10 0.00
WDELAWARE__HYD 323627	35.37 1.64 0.00	35.35 1.52 0.00	34.78 1.44 0.00	33.61 1.44 0.00	38.10 1.81 0.00	43.74 2.23 0.00	44.51 2.54 0.00	40.28 2.41 0.00	34.25 1.74 0.00	32.02 1.55 0.00	32.59 1.31 0.00	29.36 1.05 0.00	30.24 1.03 0.00	27.65 1.07 0.00	23.11 0.97 0.00	16.51 0.76 0.00	26.54 1.36 0.00	30.86 1.78 0.00	39.55 2.36 0.00	46.39 2.80 0.00	42.32 2.57 0.00	41.73 2.46 0.00	35.94 1.88 0.00	38.09 1.85 0.00

WEST BABYLON___IC 23714	39.95 1.82 -4.40	35.78 1.59 -0.36	34.65 1.31 0.00	33.44 1.27 0.00	37.83 1.54 0.00	43.57 2.05 0.00	44.50 2.54 0.00	40.20 2.33 0.00	34.21 1.69 0.00	32.04 1.57 0.00	32.79 1.50 0.00	29.56 1.25 0.00	30.35 1.14 0.00	27.75 1.16 0.00	23.45 1.31 0.00	16.82 1.07 0.00	27.15 1.97 0.00	31.27 2.19 0.00	39.97 2.78 0.00	47.29 3.70 0.00	43.24 3.50 0.00	42.59 3.32 0.00	36.42 2.36 0.00	38.33 2.09 0.00
WEST CANADA___HYD 24049	33.73 0.00 0.00	33.80 -0.02 0.00	33.31 -0.03 0.00	32.15 -0.03 0.00	36.27 -0.02 0.00	41.51 -0.01 0.00	42.01 0.04 0.00	37.92 0.05 0.00	32.47 -0.04 0.00	30.41 -0.06 0.00	31.17 -0.11 0.00	28.23 -0.09 0.00	29.13 -0.08 0.00	26.56 -0.03 0.00	22.11 -0.02 0.00	15.74 -0.01 0.00	25.20 0.02 0.00	29.15 0.07 0.00	37.28 2.09 0.00	43.74 0.15 0.00	39.92 0.18 0.00	39.42 0.15 0.00	34.16 0.10 0.00	36.31 0.07 0.00
WESTERN_NY_WIND 24143	33.01 -0.72 0.00	33.44 -0.38 0.00	33.17 -0.18 0.00	32.00 -0.18 0.00	36.26 -0.04 0.00	41.58 0.06 0.00	41.30 -0.66 0.00	36.78 -1.09 0.00	31.51 -1.00 0.00	29.11 -1.36 0.00	30.18 -1.10 0.00	27.33 -0.99 0.00	28.08 -1.13 0.00	25.44 -1.15 0.00	20.24 -1.05 0.84	14.64 -0.67 0.44	23.21 -1.30 0.67	25.07 -1.11 2.89	36.12 -1.07 0.00	41.89 -1.70 0.00	38.29 -1.45 0.00	34.81 -1.23 3.22	33.27 -0.79 0.00	35.58 -0.66 0.00
WESTOVER___LESR 323668	33.52 -0.20 0.00	33.67 -0.15 0.00	33.26 -0.08 0.00	32.06 -0.11 0.00	36.22 -0.08 0.00	41.45 -0.07 0.00	41.92 -0.05 0.00	37.80 -0.07 0.00	32.35 -0.17 0.00	30.25 -0.22 0.00	31.06 -0.22 0.00	28.14 -0.18 0.00	29.00 -0.21 0.00	26.42 -0.17 0.00	22.01 -0.12 0.00	15.63 -0.11 0.00	25.01 -0.18 0.00	28.95 -0.12 0.00	37.05 -0.14 0.00	43.45 -0.14 0.00	39.58 -0.16 0.00	39.12 -0.15 0.00	33.79 -0.27 0.00	35.85 -0.39 0.00
WETHRSFD_WT_PWR 323626	31.58 -2.15 0.00	32.14 -1.68 0.00	31.95 -1.39 0.00	30.78 -1.39 0.00	34.93 -1.37 0.00	39.98 -1.54 0.00	39.73 -2.23 0.00	35.38 -2.49 0.00	30.28 -2.23 0.00	28.05 -2.42 0.00	28.93 -2.36 0.00	26.05 -2.27 0.00	26.75 -2.46 0.00	24.23 -2.36 0.00	12.20 -2.06 7.87	10.14 -1.51 4.10	16.37 -2.55 6.27	-0.66 -2.76 26.97	34.20 -2.99 0.00	40.45 -3.14 0.00	36.50 -3.24 0.00	5.97 -3.26 30.03	31.14 -2.92 0.00	33.32 -2.92 0.00
WHAVSTOR_138KV_BK127 55557	34.66 0.93 0.00	34.58 0.76 0.00	34.02 0.68 0.00	32.91 0.73 0.00	37.29 0.99 0.00	42.76 1.25 0.00	43.52 1.55 0.00	39.45 1.57 0.00	33.60 1.08 0.00	31.60 1.13 0.00	32.26 0.98 0.00	29.11 0.79 0.00	29.97 0.76 0.00	27.49 0.90 0.00	23.01 0.88 0.00	16.47 0.72 0.00	26.43 1.25 0.00	30.54 1.46 0.00	38.97 1.78 0.00	45.65 2.06 0.00	41.65 1.91 0.00	41.08 1.81 0.00	35.42 1.36 0.00	37.50 1.26 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.66 0.93 0.00	34.58 0.76 0.00	34.02 0.68 0.00	32.91 0.73 0.00	37.29 0.99 0.00	42.76 1.25 0.00	43.52 1.55 0.00	39.45 1.57 0.00	33.60 1.08 0.00	31.60 1.13 0.00	32.26 0.98 0.00	29.11 0.79 0.00	29.97 0.76 0.00	27.49 0.90 0.00	23.01 0.88 0.00	16.47 0.72 0.00	26.43 1.25 0.00	30.54 1.46 0.00	38.97 1.78 0.00	45.65 2.06 0.00	41.65 1.91 0.00	41.08 1.81 0.00	35.42 1.36 0.00	37.50 1.26 0.00
WHITEHAL_115KV_TB1 80871	35.25 1.53 0.00	35.28 1.45 0.00	34.50 1.16 0.00	33.37 1.19 0.00	37.93 1.64 0.00	43.54 2.03 0.00	44.41 2.44 0.00	39.90 2.03 0.00	33.89 1.38 0.00	31.76 1.29 0.00	32.68 1.39 0.00	29.55 1.23 0.00	30.65 1.44 0.00	27.93 1.34 0.00	23.31 1.17 0.00	16.68 0.94 0.00	26.90 1.71 0.00	31.23 2.15 0.00	40.16 2.97 0.00	47.45 3.86 0.00	43.42 3.68 0.00	42.72 3.45 0.00	36.44 2.38 0.00	38.79 2.55 0.00
WHITEPLN_13_KV_LOAD 356215	35.19 1.46 0.00	35.10 1.27 0.00	34.48 1.14 0.00	33.34 1.16 0.00	37.76 1.46 0.00	43.33 1.81 0.00	44.17 2.21 0.00	40.08 2.21 0.00	34.16 1.65 0.00	32.14 1.66 0.00	32.88 1.60 0.00	29.65 1.33 0.00	30.51 1.30 0.00	27.97 1.38 0.00	23.43 1.30 0.00	16.77 1.03 0.00	26.95 1.76 0.00	31.14 2.06 0.00	39.70 2.51 0.00	46.51 2.91 0.00	42.41 2.67 0.00	41.82 2.55 0.00	36.03 1.98 0.00	38.11 1.87 0.00
WM_FLOYD_69_KV_BK2 356380	-55.35 1.34 90.42	-65.87 1.11 100.80	-24.77 0.81 58.93	-37.22 0.80 70.20	5.67 1.02 31.65	36.07 1.58 7.01	44.01 2.05 0.00	32.38 1.76 7.25	33.74 1.23 0.00	31.62 1.15 0.00	14.65 1.01 17.65	29.21 0.89 0.00	29.96 0.75 0.00	27.37 0.78 0.00	23.30 1.16 0.00	16.74 0.99 0.00	27.06 1.87 0.00	30.87 1.79 0.00	39.26 2.07 0.00	46.75 3.16 0.00	42.85 3.10 0.00	42.30 3.03 0.00	36.00 1.95 0.00	37.81 1.57 0.00
WOODARD__115KV_TB2 355635	33.40 -0.33 0.00	33.54 -0.28 0.00	33.10 -0.24 0.00	31.92 -0.25 0.00	35.94 -0.35 0.00	41.12 -0.40 0.00	41.53 -0.43 0.00	37.43 -0.44 0.00	32.07 -0.44 0.00	29.98 -0.49 0.00	30.84 -0.45 0.00	27.97 -0.35 0.00	28.88 -0.33 0.00	26.30 -0.29 0.00	21.91 -0.23 0.00	15.57 -0.18 0.00	24.87 -0.32 0.00	28.75 -0.33 0.00	36.77 -0.42 0.00	43.04 -0.55 0.00	39.25 -0.49 0.00	38.81 -0.46 0.00	33.60 -0.46 0.00	35.71 -0.53 0.00
YORK___WARBASSE 23770	57.27 1.65 -21.89	56.25 1.41 -21.02	55.88 1.27 -21.26	55.52 1.29 -22.04	56.27 1.64 -18.33	57.85 2.03 -14.30	56.37 2.44 -11.97	57.08 2.46 -16.75	58.81 1.82 -24.48	76.30 1.83 -43.99	87.90 1.80 -54.82	65.18 1.53 -35.33	61.47 1.53 -30.73	67.94 1.59 -39.76	93.04 1.47 -69.44	98.69 1.14 -81.80	98.71 1.91 -71.61	99.35 2.19 -68.08	94.66 2.68 -54.79	99.27 3.13 -52.55	99.40 2.86 -56.81	98.84 2.79 -56.79	60.63 2.18 -24.39	55.29 2.11 -16.95