

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/14/2023

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	33.19	31.27	30.53	30.34	30.29	34.67	47.97	56.89	45.26	37.67	34.09	33.13	32.91	32.34	32.95	35.60	44.06	68.15	51.56	46.14	38.11	34.76	32.23	30.52
24138	2.14	2.10	2.05	1.96	1.93	2.17	2.96	3.54	3.10	3.27	2.93	2.68	2.72	2.64	2.72	2.85	3.49	4.85	4.31	3.81	3.02	2.90	2.41	2.02
	-2.59	-0.73	-0.08	0.00	0.00	-3.98	-9.34	-13.57	-6.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.22	-1.35	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	33.22	31.30	30.56	30.37	30.31	34.59	47.97	56.89	45.22	37.64	34.06	33.16	32.91	32.34	32.95	35.60	44.06	68.10	51.56	46.05	38.11	34.76	32.26	30.49
24260	2.16	2.13	2.07	1.99	1.96	2.08	2.96	3.54	3.07	3.23	2.90	2.71	2.72	2.64	2.72	2.85	3.49	4.81	4.31	3.72	3.02	2.90	2.45	1.99
	-2.59	-0.73	-0.08	0.00	0.00	-3.98	-9.35	-13.57	-6.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.22	-1.35	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.22	31.30	30.56	30.37	30.31	34.59	47.97	56.89	45.22	37.64	34.06	33.16	32.91	32.34	32.95	35.60	44.06	68.10	51.56	46.05	38.11	34.76	32.26	30.49
24261	2.16	2.13	2.07	1.99	1.96	2.08	2.96	3.54	3.07	3.23	2.90	2.71	2.72	2.64	2.72	2.85	3.49	4.81	4.31	3.72	3.02	2.90	2.45	1.99
	-2.59	-0.73	-0.08	0.00	0.00	-3.98	-9.35	-13.57	-6.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.22	-1.35	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.46	31.02	30.07	29.88	30.14	35.58	50.58	60.36	47.00	36.92	33.31	32.31	32.06	31.51	32.11	34.75	43.00	71.12	50.74	44.70	37.13	33.61	31.64	29.98
24011	1.59	1.62	1.56	1.50	1.79	1.83	2.64	2.75	2.71	2.51	2.15	1.86	1.87	1.81	1.87	2.00	2.43	3.12	3.08	2.37	2.04	1.75	1.82	1.48
	-3.40	-0.96	-0.10	0.00	0.00	-5.23	-12.28	-17.83	-9.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.91	-1.76	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.67	31.19	30.24	30.05	30.37	35.90	50.91	60.73	47.33	37.23	33.56	32.59	32.33	31.74	32.35	35.01	43.33	71.51	51.15	45.21	37.41	33.80	31.85	30.20
23798	1.79	1.79	1.73	1.67	2.01	2.14	2.96	3.11	3.03	2.82	2.40	2.13	2.14	2.05	2.12	2.26	2.76	3.51	3.49	2.88	2.32	1.94	2.03	1.71
	-3.41	-0.96	-0.10	0.00	0.00	-5.23	-12.29	-17.84	-9.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.93	-1.76	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.46	31.02	30.07	29.88	30.14	35.58	50.58	60.36	47.00	36.92	33.31	32.31	32.06	31.51	32.11	34.75	43.00	71.12	50.74	44.70	37.13	33.61	31.64	29.98
24028	1.59	1.62	1.56	1.50	1.79	1.83	2.64	2.75	2.71	2.51	2.15	1.86	1.87	1.81	1.87	2.00	2.43	3.12	3.08	2.37	2.04	1.75	1.82	1.48
	-3.40	-0.96	-0.10	0.00	0.00	-5.23	-12.28	-17.83	-9.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.91	-1.76	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.38	30.96	30.10	29.94	29.97	35.41	49.85	59.57	46.26	36.40	32.84	31.92	31.79	31.42	32.02	34.78	43.08	70.43	50.50	44.69	37.20	33.83	31.46	29.95
23527	1.62	1.59	1.59	1.56	1.62	1.83	2.32	2.55	2.26	1.99	1.68	1.46	1.60	1.72	1.78	2.03	2.52	3.08	2.89	2.37	2.11	1.98	1.64	1.45
	-3.29	-0.93	-0.10	0.00	0.00	-5.06	-11.87	-17.23	-8.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.27	-1.71	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.38	29.99	29.13	28.98	28.98	34.29	48.53	58.09	45.00	35.26	31.84	31.00	30.83	30.38	30.96	33.60	41.62	68.76	48.89	43.21	35.93	32.75	30.48	28.92
24190	0.63	0.63	0.62	0.60	0.62	0.71	1.00	1.07	0.99	0.86	0.69	0.55	0.63	0.68	0.73	0.85	1.05	1.39	1.29	0.89	0.84	0.89	0.66	0.43
	-3.29	-0.93	-0.10	0.00	0.00	-5.06	-11.87	-17.23	-8.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.29	-1.71	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	28.24	28.24	28.21	28.21	28.19	28.24	35.34	39.51	34.95	34.03	30.82	30.12	29.86	29.34	29.93	32.46	40.16	47.16	45.39	41.99	34.81	31.60	29.52	28.24
355683	-0.23	-0.20	-0.20	-0.17	-0.17	-0.29	-0.32	-0.28	-0.28	-0.38	-0.34	-0.33	-0.33	-0.36	-0.30	-0.29	-0.41	-0.91	-0.50	-0.34	-0.28	-0.25	-0.30	-0.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.38	29.99	29.13	28.98	28.98	34.29	48.53	58.09	45.00	35.26	31.84	31.00	30.83	30.38	30.96	33.60	41.62	68.76	48.89	43.21	35.93	32.75	30.48	28.92
23571	0.63	0.63	0.62	0.60	0.62	0.71	1.00	1.07	0.99	0.86	0.69	0.55	0.63	0.68	0.73	0.85	1.05	1.39	1.29	0.89	0.84	0.89	0.66	0.43
	-3.29	-0.93	-0.10	0.00	0.00	-5.06	-11.87	-17.23	-8.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.29	-1.71	0.00	0.00	0.00	0.00	0.00
ALBANY___2	32.38	29.99	29.13	28.98	28.98	34.29	48.53	58.09	45.00	35.26	31.84	31.00	30.83	30.38	30.96	33.60	41.62	68.76	48.89	43.21	35.93	32.75	30.48	28.92
23572	0.63	0.63	0.62	0.60	0.62	0.71	1.00	1.07	0.99	0.86	0.69	0.55	0.63	0.68	0.73	0.85	1.05	1.39	1.29	0.89	0.84	0.89	0.66	0.43
	-3.29	-0.93	-0.10	0.00	0.00	-5.06	-11.87	-17.23	-8.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.29	-1.71	0.00	0.00	0.00	0.00	0.00
ALBANY___3	32.38	29.99	29.13	28.98	28.98	34.29	48.53	58.09	45.00	35.26	31.84	31.00	30.83	30.38	30.96	33.60	41.62	68.76	48.89	43.21	35.93	32.75	30.48	28.92
23573	0.63	0.63	0.62	0.60	0.62	0.71	1.00	1.07	0.99	0.86	0.69	0.55	0.63	0.68	0.73	0.85	1.05	1.39	1.29	0.89	0.84	0.89	0.66	0.43
	-3.29	-0.93	-0.10	0.00	0.00	-5.06	-11.87	-17.23	-8.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.29	-1.71	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	32.38 0.63 -3.29	29.99 0.63 -0.93	29.13 0.62 -0.10	28.98 0.60 0.00	28.98 0.62 0.00	34.29 0.71 -5.06	48.53 1.00 -11.87	58.09 1.07 -17.23	45.00 0.99 -8.78	35.26 0.86 0.00	31.84 0.69 0.00	31.00 0.55 0.00	30.83 0.63 0.00	30.38 0.68 0.00	30.96 0.73 0.00	33.60 0.85 0.00	41.62 1.05 0.00	68.76 1.39 -19.29	48.89 1.29 -1.71	43.21 0.89 0.00	35.93 0.84 0.00	32.75 0.89 0.00	30.48 0.66 0.00	28.92 0.43 0.00
ALBANY___LFGE 323615	32.73 0.94 -3.32	30.29 0.91 -0.94	29.42 0.91 -0.10	29.26 0.88 0.00	29.32 0.96 0.00	34.74 1.11 -5.10	49.04 1.39 -11.98	58.69 1.51 -17.39	45.50 1.41 -8.85	35.68 1.27 0.00	32.22 1.06 0.00	31.37 0.91 0.00	31.19 0.99 0.00	30.74 1.04 0.00	31.32 1.09 0.00	34.03 1.28 0.00	42.11 1.54 0.00	69.51 1.97 -19.46	49.50 1.88 -1.72	43.85 1.52 0.00	36.35 1.26 0.00	33.07 1.21 0.00	30.80 0.98 0.00	29.23 0.74 0.00
ALCOA_PA_115KV_PL-6C 55860	28.61 0.14 0.00	28.61 0.17 0.00	28.58 0.17 0.00	28.58 0.20 0.00	28.55 0.20 0.00	28.61 0.09 0.00	35.84 0.18 0.00	40.14 0.36 0.00	35.44 0.21 0.00	34.51 0.10 0.00	31.25 0.09 0.00	30.55 0.09 0.00	30.31 0.12 0.00	29.55 -0.15 0.00	30.17 -0.06 0.00	32.72 -0.03 0.00	40.53 -0.04 0.00	47.55 -0.53 0.00	45.85 -0.05 0.00	42.37 0.04 0.00	35.09 0.00 0.00	31.86 0.00 0.00	29.76 -0.06 0.00	28.47 -0.03 0.00
ALCOA_RYNLDS___DRP 24188	28.61 0.14 0.00	28.61 0.17 0.00	28.58 0.17 0.00	28.58 0.20 0.00	28.55 0.20 0.00	28.61 0.09 0.00	35.84 0.18 0.00	40.14 0.36 0.00	35.44 0.21 0.00	34.51 0.10 0.00	31.25 0.09 0.00	30.55 0.09 0.00	30.31 0.12 0.00	29.55 -0.15 0.00	30.17 -0.06 0.00	32.72 -0.03 0.00	40.53 -0.04 0.00	47.55 -0.53 0.00	45.85 -0.05 0.00	42.37 0.04 0.00	35.09 0.00 0.00	31.86 0.00 0.00	29.76 -0.06 0.00	28.47 -0.03 0.00
ALCOA___DSASP 323711	28.58 0.11 0.00	28.61 0.17 0.00	28.58 0.17 0.00	28.58 0.20 0.00	28.53 0.17 0.00	28.55 0.03 0.00	35.84 0.18 0.00	40.14 0.36 0.00	35.45 0.21 0.00	34.51 0.10 0.00	31.25 0.09 0.00	30.55 0.09 0.00	30.31 0.12 0.00	29.55 -0.15 0.00	30.17 -0.06 0.00	32.72 -0.03 0.00	40.53 -0.04 0.00	47.50 -0.57 0.00	45.85 -0.05 0.00	42.37 0.04 0.00	35.09 0.00 0.00	31.86 0.00 0.00	29.76 -0.06 0.00	28.41 -0.09 0.00
ALLEGHENY___COGEN 23514	29.52 0.31 -0.74	28.93 0.28 -0.21	28.57 0.14 -0.02	28.61 0.23 0.00	28.53 0.17 0.00	30.19 0.54 -1.13	39.32 1.00 -2.65	44.56 0.92 -3.85	38.08 0.88 -1.97	35.54 1.13 0.00	32.22 1.06 0.00	32.01 1.55 0.00	31.37 1.18 0.00	30.76 1.07 0.00	31.20 0.97 0.00	33.73 0.98 0.00	42.15 1.58 0.00	55.71 3.31 -4.32	48.39 2.11 -0.38	44.14 1.82 0.00	36.78 1.68 0.00	32.94 1.08 0.00	31.37 1.55 0.00	29.75 1.25 0.00
ALTAMONT_115KV_TB 2 55880	32.76 1.00 -3.29	30.36 1.00 -0.93	29.50 0.99 -0.10	29.34 0.96 0.00	29.32 0.96 0.00	34.64 1.06 -5.06	49.00 1.46 -11.88	58.62 1.59 -17.24	45.43 1.41 -8.78	35.71 1.31 0.00	32.28 1.12 0.00	31.46 1.00 0.00	31.25 1.06 0.00	30.77 1.07 0.00	31.35 1.12 0.00	34.03 1.28 0.00	42.11 1.54 0.00	69.46 2.07 -19.31	49.49 1.88 -1.71	43.81 1.48 0.00	36.42 1.33 0.00	33.13 1.27 0.00	30.86 1.04 0.00	29.32 0.83 0.00
ALTONA_WT_PWR 323606	29.09 0.63 0.00	29.15 0.71 0.00	29.06 0.65 0.00	29.00 0.62 0.00	28.92 0.57 0.00	28.98 0.45 0.00	36.41 0.75 0.00	40.82 1.03 0.00	36.04 0.81 0.00	34.99 0.58 0.00	31.66 0.50 0.00	30.97 0.52 0.00	30.70 0.51 0.00	30.05 0.36 0.00	30.75 0.51 0.00	33.37 0.62 0.00	41.38 0.81 0.00	48.80 0.72 0.00	47.00 1.10 0.00	43.30 0.97 0.00	35.90 0.81 0.00	32.62 0.76 0.00	30.45 0.63 0.00	29.06 0.57 0.00
AMERICAN_REF_FUEL 24010	27.27 -1.88 -0.69	26.64 -1.99 -0.19	26.38 -2.05 -0.02	26.34 -2.04 0.00	26.29 -2.07 0.00	27.81 -1.77 -1.05	35.78 -2.35 -2.47	40.27 -3.10 -3.59	34.77 -2.29 -1.83	32.96 -1.44 0.00	29.97 -1.18 0.00	30.03 -0.43 0.00	29.41 -0.79 0.00	28.81 -0.89 0.00	29.11 -1.12 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.18 -1.92 -4.02	43.55 -2.71 -0.36	39.45 -2.88 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.87 0.00	27.47 -1.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.89 -1.31 -0.73	27.08 -1.56 -0.21	27.09 -1.33 -0.02	27.07 -1.30 0.00	27.11 -1.25 0.00	28.59 -1.05 -1.12	37.14 -1.14 -2.62	42.24 -1.35 -3.81	36.76 -0.39 -1.91	35.20 0.79 0.00	31.81 0.66 0.00	31.92 1.46 0.00	31.28 1.09 0.00	30.59 0.89 0.00	30.96 0.72 0.00	33.15 0.39 0.00	41.26 0.69 0.00	53.41 1.06 -4.27	46.23 -0.05 -0.38	42.41 0.08 0.00	35.58 0.49 0.00	31.80 -0.06 0.00	30.65 0.83 0.00	28.98 0.48 0.00
ARTHUR_KILL_GT_1 23520	33.66 2.59 -2.60	31.73 2.56 -0.73	30.95 2.47 -0.08	30.76 2.38 0.00	30.71 2.35 0.00	34.81 2.31 -3.98	47.43 2.43 -9.34	56.37 3.02 -13.56	44.79 2.64 -6.92	37.22 2.82 0.01	33.90 2.74 0.00	32.95 2.50 0.00	32.76 2.56 0.00	32.16 2.46 0.00	32.83 2.60 0.00	35.50 2.75 0.00	43.68 3.12 0.01	67.62 4.33 -15.21	51.09 3.86 -1.34	45.74 3.43 0.01	37.75 2.67 0.01	34.89 3.03 0.00	32.44 2.62 0.00	30.83 2.34 0.00
ARTHUR_KILL_2 23512	33.57 2.51 -2.60	31.64 2.47 -0.73	30.87 2.39 -0.08	30.68 2.30 0.00	30.63 2.27 0.00	34.73 2.23 -3.98	47.32 2.32 -9.34	56.25 2.90 -13.56	44.69 2.54 -6.92	37.11 2.72 0.01	33.81 2.65 0.00	32.89 2.44 0.00	32.67 2.48 0.00	32.07 2.38 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.52 2.96 0.01	67.47 4.18 -15.21	50.95 3.72 -1.34	45.62 3.30 0.01	37.64 2.56 0.01	34.79 2.93 0.00	32.35 2.53 0.00	30.75 2.25 0.00
ARTHUR_KILL_3 23513	32.94 1.88 -2.59	31.02 1.85 -0.73	30.25 1.76 -0.08	30.08 1.70 0.00	30.03 1.67 0.00	34.39 1.88 -3.98	47.58 2.57 -9.35	56.46 3.11 -13.57	44.83 2.68 -6.92	37.29 2.89 0.00	33.81 2.65 0.00	32.83 2.38 0.00	32.61 2.42 0.00	32.04 2.35 0.00	32.65 2.42 0.00	35.24 2.49 0.00	43.53 2.96 0.00	67.53 4.23 -15.22	50.96 3.72 -1.35	45.63 3.30 0.00	37.72 2.63 0.00	34.47 2.61 0.00	31.97 2.15 0.00	30.26 1.77 0.00
ARTHUR_KILL_COGEN 323718	33.66 2.59 -2.60	31.73 2.56 -0.73	30.95 2.47 -0.08	30.76 2.38 0.00	30.71 2.35 0.00	34.81 2.31 -3.98	47.43 2.43 -9.34	56.37 3.02 -13.56	44.79 2.64 -6.92	37.22 2.82 0.01	33.90 2.74 0.00	32.95 2.50 0.00	32.76 2.56 0.00	32.16 2.46 0.00	32.83 2.60 0.00	35.50 2.75 0.00	43.68 3.12 0.01	67.62 4.33 -15.21	51.09 3.86 -1.34	45.74 3.43 0.01	37.75 2.67 0.01	34.89 3.03 0.00	32.44 2.62 0.00	30.83 2.34 0.00
ASHOKAN____ 23654	33.49 2.08 -2.95	31.35 2.07 -0.83	30.51 2.02 -0.09	30.31 1.93 0.00	30.40 2.04 0.00	35.16 2.11 -4.53	49.08 2.78 -10.63	57.93 2.71 -15.43	45.35 2.26 -7.86	36.33 1.93 0.00	32.59 1.43 0.00	31.67 1.22 0.00	31.46 1.27 0.00	30.89 1.19 0.00	31.56 1.33 0.00	34.58 1.83 0.00	43.00 2.43 0.00	68.93 3.56 -17.30	50.92 3.49 -1.53	45.24 2.92 0.00	37.23 2.14 0.00	33.90 2.04 0.00	31.52 1.70 0.00	29.92 1.42 0.00

ASTORIA_EAST_ENERGY_CC1 323581	33.05 1.99 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.28 1.90 0.00	30.23 1.87 0.00	34.18 1.68 -3.97	47.29 2.28 -9.34	56.25 2.90 -13.56	44.69 2.54 -6.92	37.15 2.75 0.01	33.67 2.52 0.01	32.76 2.31 0.01	32.54 2.36 0.01	31.98 2.29 0.01	32.58 2.36 0.01	35.20 2.46 0.01	43.48 2.92 0.01	67.33 4.04 -15.21	50.77 3.53 -1.34	45.49 3.18 0.01	37.57 2.49 0.01	34.30 2.45 0.01	31.85 2.03 0.00	30.29 1.80 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.05 1.99 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.28 1.90 0.00	30.23 1.87 0.00	34.18 1.68 -3.97	47.29 2.28 -9.34	56.25 2.90 -13.56	44.69 2.54 -6.92	37.15 2.75 0.01	33.67 2.52 0.01	32.76 2.31 0.01	32.54 2.36 0.01	31.98 2.29 0.01	32.58 2.36 0.01	35.20 2.46 0.01	43.48 2.92 0.01	67.33 4.04 -15.21	50.77 3.53 -1.34	45.49 3.18 0.01	37.57 2.49 0.01	34.30 2.45 0.01	31.85 2.03 0.00	30.29 1.80 0.00
ASTORIA_GT2_1 24094	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT2_2 24095	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT2_3 24096	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT2_4 24097	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT3_1 24098	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT3_2 24099	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT3_3 24100	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT3_4 24101	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT4_1 24102	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT4_2 24103	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT4_3 24104	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT4_4 24105	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.23 1.87 0.00	34.13 1.63 -3.98	47.33 2.32 -9.35	56.26 2.90 -13.57	44.69 2.54 -6.92	37.16 2.75 0.00	33.65 2.49 0.00	32.83 2.38 0.00	32.58 2.39 0.00	32.01 2.32 0.00	32.62 2.39 0.00	35.21 2.46 0.00	43.49 2.92 0.00	67.29 3.99 -15.22	50.78 3.53 -1.35	45.37 3.05 0.00	37.58 2.49 0.00	34.31 2.45 0.00	31.88 2.06 0.00	30.23 1.74 0.00
ASTORIA_GT_1 23523	33.13 2.08 -2.59	31.33 2.16 -0.73	30.56 2.07 -0.08	30.34 1.96 0.00	30.29 1.93 0.00	34.24 1.74 -3.97	47.35 2.35 -9.34	56.33 2.99 -13.56	44.79 2.64 -6.92	37.22 2.82 0.01	33.74 2.58 0.01	32.82 2.38 0.01	32.63 2.44 0.01	32.07 2.38 0.01	32.67 2.45 0.01	35.27 2.52 0.01	43.60 3.04 0.01	67.47 4.18 -15.21	50.91 3.67 -1.34	45.58 3.26 0.01	37.68 2.60 0.01	34.37 2.52 0.01	31.94 2.12 0.00	30.35 1.85 0.00

ASTORIA_GT_10 24110	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.41 1.91 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.97 2.82 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.62 4.33 -15.22	51.10 3.86 -1.35	45.67 3.34 0.00	37.83 2.74 0.00	34.53 2.68 0.00	32.09 2.27 0.00	30.38 1.88 0.00
ASTORIA_GT_11 24225	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.41 1.91 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.97 2.82 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.62 4.33 -15.22	51.10 3.86 -1.35	45.67 3.34 0.00	37.83 2.74 0.00	34.53 2.68 0.00	32.09 2.27 0.00	30.38 1.88 0.00
ASTORIA_GT_12 24226	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.41 1.91 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.97 2.82 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.62 4.33 -15.22	51.10 3.86 -1.35	45.67 3.34 0.00	37.83 2.74 0.00	34.53 2.68 0.00	32.09 2.27 0.00	30.38 1.88 0.00
ASTORIA_GT_13 24227	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.41 1.91 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.97 2.82 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.62 4.33 -15.22	51.10 3.86 -1.35	45.67 3.34 0.00	37.83 2.74 0.00	34.53 2.68 0.00	32.09 2.27 0.00	30.38 1.88 0.00
ASTORIA_GT_5 24106	33.13 2.08 -2.59	31.33 2.16 -0.73	30.56 2.07 -0.08	30.34 1.96 0.00	30.29 1.93 0.00	34.24 1.74 -3.97	47.35 2.35 -9.34	56.33 2.99 -13.56	44.79 2.64 -6.92	37.22 2.82 0.01	33.74 2.58 0.01	32.82 2.38 0.01	32.63 2.44 0.01	32.07 2.38 0.01	32.67 2.45 0.01	35.27 2.52 0.01	43.60 3.04 0.01	67.47 4.18 -15.21	50.91 3.67 -1.34	45.58 3.26 0.01	37.68 2.60 0.01	34.37 2.52 0.01	31.94 2.12 0.00	30.35 1.85 0.00
ASTORIA_GT_7 24107	33.13 2.08 -2.59	31.33 2.16 -0.73	30.56 2.07 -0.08	30.34 1.96 0.00	30.29 1.93 0.00	34.24 1.74 -3.97	47.35 2.35 -9.34	56.33 2.99 -13.56	44.79 2.64 -6.92	37.22 2.82 0.01	33.74 2.58 0.01	32.82 2.38 0.01	32.63 2.44 0.01	32.07 2.38 0.01	32.67 2.45 0.01	35.27 2.52 0.01	43.60 3.04 0.01	67.47 4.18 -15.21	50.91 3.67 -1.34	45.58 3.26 0.01	37.68 2.60 0.01	34.37 2.52 0.01	31.94 2.12 0.00	30.35 1.85 0.00
ASTORIA_GT_8 24108	33.14 2.08 -2.59	31.33 2.16 -0.73	30.56 2.07 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.16 1.65 -3.98	47.36 2.35 -9.35	56.34 2.98 -13.57	44.76 2.61 -6.92	37.23 2.82 0.00	33.71 2.56 0.00	32.89 2.44 0.00	32.64 2.45 0.00	32.07 2.38 0.00	32.68 2.45 0.00	35.27 2.52 0.00	43.57 3.00 0.00	67.43 4.13 -15.22	50.87 3.63 -1.35	45.46 3.13 0.00	37.65 2.56 0.00	34.38 2.52 0.00	31.94 2.12 0.00	30.29 1.80 0.00
ASTORIA___2 24149	33.08 2.02 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.26 1.90 0.00	34.21 1.71 -3.97	47.32 2.32 -9.34	56.25 2.90 -13.56	44.72 2.57 -6.92	37.15 2.75 0.01	33.67 2.52 0.01	32.76 2.31 0.01	32.57 2.38 0.01	32.01 2.32 0.01	32.61 2.39 0.01	35.20 2.46 0.01	43.52 2.96 0.01	67.33 4.04 -15.21	50.82 3.58 -1.34	45.49 3.18 0.01	37.61 2.53 0.01	34.34 2.49 0.01	31.88 2.06 0.00	30.29 1.80 0.00
ASTORIA___3 23516	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.29 1.93 0.00	34.47 1.97 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.98 2.82 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.95 2.50 0.00	32.76 2.56 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.67 4.37 -15.22	51.10 3.86 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.43 1.94 0.00
ASTORIA___4 23517	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.41 1.91 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.97 2.82 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.62 4.33 -15.22	51.10 3.86 -1.35	45.67 3.34 0.00	37.83 2.74 0.00	34.53 2.68 0.00	32.09 2.27 0.00	30.38 1.88 0.00
ASTORIA___5 23518	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.29 1.93 0.00	34.47 1.97 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.98 2.82 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.95 2.50 0.00	32.76 2.56 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.67 4.37 -15.22	51.10 3.86 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.43 1.94 0.00
AST_ENERGY_2_CC3 323677	31.79 1.91 -1.42	31.04 1.88 -0.72	30.30 1.82 -0.07	30.13 1.76 0.01	30.08 1.73 0.01	31.79 1.94 -1.33	31.79 2.64 6.51	48.17 3.18 -5.20	36.57 2.75 1.41	34.46 2.92 2.87	33.79 2.65 0.02	32.82 2.38 0.02	32.62 2.44 0.02	32.06 2.38 0.02	32.66 2.45 0.02	35.29 2.56 0.02	40.51 3.08 3.14	66.50 4.33 -14.09	49.93 3.86 -0.17	44.12 3.39 1.59	36.61 2.67 1.15	34.46 2.61 0.02	31.99 2.18 0.01	30.28 1.80 0.01
AST_ENERGY_2_CC4 323678	31.79 1.91 -1.42	31.04 1.88 -0.72	30.30 1.82 -0.07	30.13 1.76 0.01	30.08 1.73 0.01	31.79 1.94 -1.33	31.79 2.64 6.51	48.17 3.18 -5.20	36.57 2.75 1.41	34.46 2.92 2.87	33.79 2.65 0.02	32.82 2.38 0.02	32.62 2.44 0.02	32.06 2.38 0.02	32.66 2.45 0.02	35.29 2.56 0.02	40.51 3.08 3.14	66.50 4.33 -14.09	49.93 3.86 -0.17	44.12 3.39 1.59	36.61 2.67 1.15	34.46 2.61 0.02	31.99 2.18 0.01	30.28 1.80 0.01
ATHENS_STG_1 23668	32.54 1.11 -2.97	30.36 1.08 -0.84	29.60 1.11 -0.09	29.46 1.08 0.00	29.41 1.05 0.00	34.28 1.20 -4.56	47.93 1.57 -10.70	57.07 1.75 -15.54	44.71 1.55 -7.93	35.88 1.48 0.00	32.47 1.31 0.00	31.61 1.16 0.00	31.40 1.21 0.00	30.94 1.25 0.00	31.50 1.27 0.00	34.16 1.41 0.00	42.27 1.70 0.00	67.87 2.36 -17.44	49.51 2.07 -1.54	44.14 1.82 0.00	36.56 1.47 0.00	33.26 1.40 0.00	30.98 1.16 0.00	29.46 0.97 0.00
ATHENS_STG_2 23670	32.54 1.11 -2.97	30.36 1.08 -0.84	29.60 1.11 -0.09	29.46 1.08 0.00	29.41 1.05 0.00	34.28 1.20 -4.56	47.93 1.57 -10.70	57.07 1.75 -15.54	44.71 1.55 -7.93	35.88 1.48 0.00	32.47 1.31 0.00	31.61 1.16 0.00	31.40 1.21 0.00	30.94 1.25 0.00	31.50 1.27 0.00	34.16 1.41 0.00	42.27 1.70 0.00	67.87 2.36 -17.44	49.51 2.07 -1.54	44.14 1.82 0.00	36.56 1.47 0.00	33.26 1.40 0.00	30.98 1.16 0.00	29.46 0.97 0.00

ATHENS_STG_3 23677	32.54 1.11 -2.97	30.36 1.08 -0.84	29.60 1.11 -0.09	29.46 1.08 0.00	29.41 1.05 0.00	34.28 1.20 -4.56	47.93 1.57 -10.70	57.07 1.75 -15.54	44.71 1.55 -7.93	35.88 1.48 0.00	32.47 1.31 0.00	31.61 1.16 0.00	31.40 1.21 0.00	30.94 1.25 0.00	31.50 1.27 0.00	34.16 1.41 0.00	42.27 1.70 0.00	67.87 2.36 -17.44	49.51 2.07 -1.54	44.14 1.82 0.00	36.56 1.47 0.00	33.26 1.40 0.00	30.98 1.16 0.00	29.46 0.97 0.00
AUBURN____LFGE 323710	29.13 0.06 -0.61	28.67 0.06 -0.17	28.43 0.00 -0.02	28.38 0.00 0.00	28.33 -0.03 0.00	29.63 0.17 -0.93	38.03 0.18 -2.19	43.12 0.16 -3.17	37.38 0.46 -1.69	34.95 0.55 0.00	31.72 0.56 0.00	31.15 0.70 0.00	30.76 0.57 0.00	30.23 0.53 0.00	30.63 0.39 0.00	32.98 0.23 0.00	40.89 0.32 0.00	52.60 0.96 -3.56	46.76 0.55 -0.32	42.83 0.51 0.00	35.37 0.28 0.00	32.02 0.16 0.00	30.15 0.33 0.00	28.78 0.28 0.00
BABYLON_RES_REC 323704	41.96 2.56 -10.93	41.21 2.50 -10.27	37.72 2.44 -6.87	37.38 2.35 -6.64	38.27 2.35 -7.56	41.96 2.62 -10.81	48.40 3.39 -9.34	57.29 3.94 -13.56	45.61 3.45 -6.92	42.00 3.58 -4.02	37.58 3.21 -3.21	37.33 2.95 -3.92	37.29 2.99 -4.11	36.87 2.94 -4.23	37.93 3.05 -4.65	39.54 3.27 -3.52	47.51 3.69 -3.25	76.89 4.76 -24.05	66.51 4.27 -16.34	56.00 3.73 -9.95	44.33 3.16 -6.08	42.04 3.03 -7.16	40.77 2.83 -8.12	38.85 2.48 -7.88
BABYLON__69_KV_BK2 356345	42.22 2.82 -10.93	41.47 2.76 -10.27	37.94 2.67 -6.87	37.63 2.61 -6.64	38.50 2.58 -7.56	42.16 2.82 -10.81	48.82 3.82 -9.34	57.73 4.38 -13.56	45.96 3.81 -6.92	42.31 3.89 -4.02	37.86 3.49 -3.21	37.66 3.29 -3.92	37.59 3.29 -4.11	37.14 3.21 -4.23	38.21 3.33 -4.65	39.87 3.60 -3.52	48.28 4.46 -3.25	78.09 5.96 -24.05	67.61 5.37 -16.35	56.97 4.70 -9.95	45.03 3.86 -6.08	42.62 3.60 -7.16	41.13 3.19 -8.12	39.08 2.71 -7.88
BALL_HILL_WT_PWR 323825	28.02 -1.17 -0.72	27.28 -1.36 -0.20	27.32 -1.11 -0.02	27.27 -1.11 0.00	27.28 -1.08 0.00	28.63 -1.00 -1.11	37.05 -1.21 -2.60	41.92 -1.63 -3.77	36.13 -1.02 -1.92	34.51 0.10 0.00	31.38 0.22 0.00	31.40 0.95 0.00	30.76 0.57 0.00	30.11 0.42 0.00	30.45 0.21 0.00	32.56 -0.20 0.00	40.53 -0.04 0.00	52.40 0.10 -4.23	45.31 -0.97 -0.37	41.61 -0.72 0.00	34.95 -0.14 0.00	31.29 -0.57 0.00	30.24 0.42 0.00	28.67 0.17 0.00
BARON_WINDS____WT_PWR 323822	28.61 -0.71 -0.86	27.83 -0.85 -0.24	27.75 -0.68 -0.03	27.67 -0.71 0.00	27.68 -0.68 0.00	29.24 -0.60 -1.32	38.15 -0.61 -3.09	43.36 -0.91 -4.49	36.89 -0.63 -2.29	34.54 0.14 0.00	31.50 0.34 0.00	31.31 0.85 0.00	30.79 0.60 0.00	30.26 0.56 0.00	30.66 0.42 0.00	32.92 0.16 0.00	40.93 0.36 0.00	53.97 0.87 -5.03	46.34 0.00 -0.45	42.45 0.13 0.00	35.44 0.35 0.00	31.89 0.03 0.00	30.45 0.63 0.00	28.95 0.45 0.00
BARRETT_IC_1 23704	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT_IC_10 23701	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT_IC_11 23702	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT_IC_12 23703	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT_IC_2 23705	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT_IC_3 23706	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT_IC_4 23707	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT_IC_5 23708	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT_IC_6 23709	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88

BARRETT_IC_7 23710	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	37.99 2.07 -7.56	41.56 2.22 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.22 3.07 -6.92	41.62 3.20 -4.02	37.30 2.93 -3.21	37.11 2.74 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.63 2.75 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.94 4.81 -24.05	66.55 4.31 -16.34	56.08 3.81 -9.95	44.26 3.09 -6.08	41.95 2.93 -7.16	40.41 2.47 -8.12	38.42 2.05 -7.88
BARRETT_IC_8 23711	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT_IC_9 23700	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT___1 23545	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BARRETT___2 23546	41.65 2.25 -10.93	40.96 2.25 -10.27	37.49 2.22 -6.87	37.18 2.16 -6.64	38.02 2.10 -7.56	41.65 2.31 -10.81	48.04 3.03 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.62 3.20 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.05 2.75 -4.11	36.63 2.70 -4.23	37.60 2.72 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.93 4.81 -24.05	66.51 4.27 -16.34	56.17 3.89 -9.95	44.26 3.09 -6.08	41.94 2.93 -7.16	40.41 2.47 -8.12	38.48 2.11 -7.88
BATAVIA__115KV_TB1 55881	28.19 -0.94 -0.66	27.80 -0.82 -0.19	27.46 -0.97 -0.02	27.47 -0.91 0.00	27.39 -0.96 0.00	29.08 -0.46 -1.01	37.37 -0.68 -2.38	42.13 -1.11 -3.45	36.50 -0.49 -1.76	34.47 0.07 0.00	31.31 0.16 0.00	31.06 0.61 0.00	30.61 0.42 0.00	29.99 0.30 0.00	30.32 0.09 0.00	32.59 -0.16 0.00	40.45 -0.12 0.00	52.62 0.67 -3.87	45.83 -0.41 -0.34	42.62 0.30 0.00	34.95 -0.14 0.00	31.22 -0.64 0.00	30.12 0.30 0.00	28.52 0.03 0.00
BAYONEEC___CTG1 323682	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00
BAYONEEC___CTG10 323750	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00
BAYONEEC___CTG2 323683	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00
BAYONEEC___CTG3 323684	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00
BAYONEEC___CTG4 323685	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00
BAYONEEC___CTG5 323686	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00
BAYONEEC___CTG6 323687	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00
BAYONEEC___CTG7 323688	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00
BAYONEEC___CTG8 323689	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00

BAYONEEC___CTG9 323749	33.05 1.99 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.20 1.82 0.00	30.14 1.79 0.00	34.50 2.00 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.73 3.17 0.00	67.72 4.42 -15.22	51.15 3.90 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.38 1.88 0.00
BEACON___LESR 323632	32.89 1.14 -3.29	30.47 1.11 -0.93	29.58 1.08 -0.10	29.43 1.05 0.00	29.52 1.16 0.00	34.94 1.37 -5.05	49.27 1.75 -11.86	58.87 1.87 -17.21	45.72 1.73 -8.77	35.95 1.55 0.00	32.47 1.31 0.00	31.61 1.16 0.00	31.43 1.24 0.00	30.91 1.22 0.00	31.53 1.30 0.00	34.29 1.54 0.00	42.48 1.91 0.00	69.80 2.45 -19.27	49.99 2.39 -1.71	44.27 1.95 0.00	36.71 1.62 0.00	33.39 1.53 0.00	31.07 1.25 0.00	29.46 0.97 0.00
BEAVER RIVER___HYD 24048	28.81 0.14 -0.20	28.67 0.17 -0.06	28.56 0.14 -0.01	28.49 0.11 0.00	28.50 0.14 0.00	29.05 0.23 -0.30	36.94 0.57 -0.71	41.65 0.84 -1.03	36.36 0.60 -0.53	34.89 0.48 0.00	31.50 0.34 0.00	30.91 0.46 0.00	30.52 0.33 0.00	29.99 0.30 0.00	30.54 0.30 0.00	33.11 0.36 0.00	41.22 0.65 0.00	50.14 0.91 -1.15	47.10 1.10 -0.10	43.26 0.93 0.00	35.79 0.70 0.00	32.34 0.48 0.00	30.21 0.39 0.00	28.81 0.31 0.00
BEEBEE_GT_13 23619	28.46 -0.63 -0.62	28.10 -0.51 -0.17	27.63 -0.80 -0.02	27.64 -0.74 0.00	27.59 -0.77 0.00	29.18 -0.29 -0.95	37.42 -0.46 -2.22	42.25 -0.76 -3.22	36.53 -0.35 -1.65	34.30 -0.10 0.00	31.16 0.00 0.00	30.79 0.33 0.00	30.40 0.21 0.00	29.82 0.12 0.00	30.17 -0.06 0.00	32.52 -0.23 0.00	40.32 -0.24 0.00	52.36 0.67 -3.61	45.99 -0.23 -0.32	42.33 0.00 0.00	34.81 -0.28 0.00	31.25 -0.61 0.00	29.85 0.03 0.00	28.38 -0.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.49 2.42 -2.60	31.56 2.39 -0.73	30.81 2.33 -0.08	30.59 2.21 0.00	30.51 2.16 0.00	34.67 2.17 -3.98	47.86 2.85 -9.35	56.85 3.50 -13.57	45.22 3.07 -6.92	37.67 3.27 0.00	34.12 2.96 0.00	33.26 2.80 0.00	33.00 2.81 0.00	32.40 2.70 0.00	33.04 2.81 0.00	35.73 2.98 0.00	44.18 3.61 0.00	68.20 4.90 -15.22	51.65 4.41 -1.35	46.18 3.85 0.00	38.18 3.09 0.00	34.92 3.06 0.00	32.44 2.62 0.00	30.69 2.19 0.00
BETHLEHEM___GRP 23843	32.38 0.63 -3.29	29.99 0.63 -0.93	29.13 0.62 -0.10	28.98 0.60 0.00	28.98 0.62 0.00	34.29 0.71 -5.06	48.53 1.00 -11.87	58.09 1.07 -17.23	45.00 0.99 -8.78	35.26 0.86 0.00	31.84 0.69 0.00	31.00 0.55 0.00	30.83 0.63 0.00	30.38 0.68 0.00	30.96 0.73 0.00	33.60 0.85 0.00	41.62 1.05 0.00	68.76 1.39 -19.29	48.89 1.29 -1.71	43.21 0.89 0.00	35.93 0.84 0.00	32.75 0.89 0.00	30.48 0.66 0.00	28.92 0.43 0.00
BETHLEHEM___GS1 323560	32.38 0.63 -3.29	29.99 0.62 -0.93	29.13 0.62 -0.10	28.98 0.60 0.00	29.01 0.65 0.00	34.41 0.83 -5.06	48.53 1.00 -11.87	58.09 1.07 -17.23	44.99 0.99 -8.78	35.26 0.86 0.00	31.84 0.68 0.00	30.97 0.52 0.00	30.83 0.64 0.00	30.38 0.68 0.00	30.96 0.72 0.00	33.60 0.85 0.00	41.58 1.01 0.00	68.77 1.40 -19.29	48.89 1.28 -1.71	43.34 1.01 0.00	35.93 0.84 0.00	32.75 0.89 0.00	30.47 0.66 0.00	28.95 0.45 0.00
BETHLEHEM___GS2 323561	32.38 0.63 -3.29	29.99 0.62 -0.93	29.13 0.62 -0.10	28.98 0.60 0.00	29.01 0.65 0.00	34.41 0.83 -5.06	48.53 1.00 -11.87	58.09 1.07 -17.23	44.99 0.99 -8.78	35.26 0.86 0.00	31.84 0.68 0.00	30.97 0.52 0.00	30.83 0.64 0.00	30.38 0.68 0.00	30.96 0.72 0.00	33.60 0.85 0.00	41.58 1.01 0.00	68.77 1.40 -19.29	48.89 1.28 -1.71	43.34 1.01 0.00	35.93 0.84 0.00	32.75 0.89 0.00	30.47 0.66 0.00	28.95 0.45 0.00
BETHLEHEM___GS3 323562	32.38 0.63 -3.29	29.99 0.62 -0.93	29.13 0.62 -0.10	28.98 0.60 0.00	29.01 0.65 0.00	34.41 0.83 -5.06	48.53 1.00 -11.87	58.09 1.07 -17.23	44.99 0.99 -8.78	35.26 0.86 0.00	31.84 0.68 0.00	30.97 0.52 0.00	30.83 0.64 0.00	30.38 0.68 0.00	30.96 0.72 0.00	33.60 0.85 0.00	41.58 1.01 0.00	68.77 1.40 -19.29	48.89 1.28 -1.71	43.34 1.01 0.00	35.93 0.84 0.00	32.75 0.89 0.00	30.47 0.66 0.00	28.95 0.45 0.00
BETHLEHEM___STEEL 23779	27.72 -1.45 -0.71	27.19 -1.45 -0.20	27.24 -1.19 -0.02	27.19 -1.19 0.00	27.14 -1.22 0.00	28.61 -1.00 -1.09	36.80 -1.43 -2.56	41.59 -1.91 -3.71	35.93 -1.20 -1.89	34.27 -0.14 0.00	31.16 0.00 0.00	30.91 0.46 0.00	30.55 0.36 0.00	29.90 0.21 0.00	30.23 0.00 0.00	32.36 -0.39 0.00	40.20 -0.37 0.00	51.86 -0.38 -4.17	44.98 -1.29 -0.37	42.20 -0.13 0.00	34.71 -0.39 0.00	31.03 -0.83 0.00	30.03 0.21 0.00	28.44 -0.06 0.00
BETHLHEM_115KV_TB1 79974	32.47 0.71 -3.29	30.08 0.71 -0.93	29.22 0.71 -0.10	29.06 0.68 0.00	29.07 0.71 0.00	34.35 0.77 -5.05	48.63 1.11 -11.86	58.20 1.19 -17.22	45.06 1.06 -8.77	35.37 0.96 0.00	31.94 0.78 0.00	31.09 0.64 0.00	30.92 0.72 0.00	30.47 0.77 0.00	31.05 0.82 0.00	33.70 0.95 0.00	41.70 1.14 0.00	68.90 1.54 -19.29	49.03 1.42 -1.71	43.34 1.02 0.00	36.04 0.95 0.00	32.81 0.96 0.00	30.56 0.75 0.00	29.01 0.51 0.00
BETHPAGE_CC_5 323564	41.76 2.36 -10.93	41.01 2.30 -10.27	37.52 2.24 -6.87	37.21 2.19 -6.64	38.08 2.15 -7.56	41.73 2.40 -10.81	48.11 3.10 -9.34	56.93 3.58 -13.56	45.33 3.17 -6.92	41.76 3.34 -4.02	37.39 3.02 -3.21	37.17 2.80 -3.92	37.14 2.84 -4.11	36.72 2.79 -4.23	37.75 2.87 -4.65	39.31 3.05 -3.52	47.51 3.69 -3.25	77.13 5.00 -24.05	66.69 4.45 -16.34	56.21 3.94 -9.95	44.36 3.19 -6.08	42.04 3.03 -7.16	40.53 2.59 -8.12	38.62 2.25 -7.88
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.67 -1.51 -0.71	27.13 -1.51 -0.20	27.29 -1.14 -0.02	27.22 -1.16 0.00	27.19 -1.16 0.00	28.59 -1.03 -1.10	36.77 -1.46 -2.57	41.61 -1.91 -3.73	35.93 -1.20 -1.90	34.40 0.00 0.00	31.25 0.09 0.00	31.03 0.58 0.00	30.64 0.45 0.00	30.02 0.33 0.00	30.32 0.09 0.00	32.46 -0.29 0.00	40.37 -0.20 0.00	51.93 -0.34 -4.19	45.03 -1.24 -0.37	42.37 0.04 0.00	34.81 -0.28 0.00	31.16 -0.70 0.00	30.15 0.33 0.00	28.52 0.03 0.00
BINGHAMTON___COGEN 23790	29.75 0.17 -1.11	28.92 0.17 -0.31	28.70 0.26 -0.03	28.61 0.23 0.00	28.55 0.20 0.00	30.55 0.31 -1.71	40.11 0.43 -4.02	46.05 0.44 -5.83	38.60 0.39 -2.98	35.09 0.69 0.00	31.88 0.72 0.00	31.28 0.82 0.00	30.95 0.75 0.00	30.38 0.68 0.00	30.87 0.63 0.00	33.31 0.56 0.00	41.34 0.77 0.00	55.91 1.30 -6.54	47.30 0.83 -0.58	43.26 0.93 0.00	35.76 0.67 0.00	32.37 0.51 0.00	30.48 0.66 0.00	29.04 0.54 0.00
BIXINCNT_115KV_LOAD 355685	27.23 -1.96 -0.73	26.54 -2.10 -0.21	27.01 -1.42 -0.02	26.99 -1.39 0.00	26.97 -1.39 0.00	28.28 -1.37 -1.12	36.66 -1.64 -2.63	41.54 -2.07 -3.82	37.17 0.04 -1.90	35.64 1.24 0.00	31.47 0.31 0.00	31.28 0.82 0.00	30.98 0.78 0.00	30.35 0.65 0.00	30.69 0.45 0.00	32.75 0.00 0.00	40.85 0.28 0.00	52.41 0.05 -4.29	45.31 -0.96 -0.38	42.96 0.63 0.00	35.30 0.21 0.00	31.67 -0.19 0.00	30.56 0.75 0.00	28.92 0.43 0.00

BLACK RIVER___HYD 24047	28.98 0.17 -0.34	28.73 0.20 -0.10	28.56 0.14 -0.01	28.46 0.09 0.00	28.50 0.14 0.00	29.33 0.29 -0.52	37.59 0.71 -1.22	42.55 1.00 -1.77	36.80 0.67 -0.90	34.95 0.55 0.00	31.50 0.34 0.00	31.03 0.58 0.00	30.58 0.39 0.00	30.08 0.39 0.00	30.57 0.33 0.00	33.18 0.42 0.00	41.42 0.85 0.00	51.60 1.54 -1.98	47.68 1.61 -0.18	43.59 1.27 0.00	36.07 0.98 0.00	32.53 0.67 0.00	30.42 0.60 0.00	29.03 0.54 0.00
BLACKRVR_115KV_TB2 79977	28.98 0.17 -0.34	28.73 0.20 -0.10	28.56 0.14 -0.01	28.46 0.09 0.00	28.50 0.14 0.00	29.38 0.34 -0.52	37.59 0.71 -1.22	42.55 0.99 -1.77	36.80 0.67 -0.90	34.95 0.55 0.00	31.50 0.34 0.00	31.00 0.55 0.00	30.58 0.39 0.00	30.08 0.39 0.00	30.57 0.33 0.00	33.18 0.43 0.00	41.42 0.85 0.00	51.60 1.54 -1.98	47.68 1.61 -0.18	43.72 1.40 0.00	36.07 0.98 0.00	32.53 0.67 0.00	30.42 0.60 0.00	29.01 0.51 0.00
BLISS_WT_PWR 323608	27.20 -1.99 -0.73	26.31 -2.33 -0.21	26.81 -1.62 -0.02	26.82 -1.56 0.00	26.80 -1.56 0.00	27.99 -1.66 -1.12	36.51 -1.78 -2.63	41.38 -2.23 -3.82	37.03 -0.11 -1.90	35.54 1.13 0.00	31.41 0.25 0.00	31.46 1.00 0.00	30.95 0.76 0.00	30.35 0.65 0.00	30.69 0.45 0.00	32.78 0.03 0.00	40.89 0.32 0.00	52.51 0.14 -4.29	45.36 -0.92 -0.38	42.16 -0.17 0.00	35.34 0.25 0.00	31.70 -0.16 0.00	30.59 0.77 0.00	29.01 0.51 0.00
BLUESTONE___WT_PWR 323821	31.17 1.56 -1.14	30.30 1.53 -0.32	30.00 1.56 -0.03	29.85 1.47 0.00	29.83 1.47 0.00	31.96 1.68 -1.75	42.31 2.53 -4.12	48.79 3.02 -5.98	40.89 2.61 -3.05	37.19 2.79 0.00	33.68 2.52 0.00	33.20 2.74 0.00	32.64 2.44 0.00	32.10 2.40 0.00	32.56 2.33 0.00	35.27 2.52 0.00	43.90 3.33 0.00	59.30 4.52 -6.70	50.53 4.04 -0.59	45.92 3.60 0.00	38.04 2.95 0.00	34.35 2.49 0.00	32.21 2.39 0.00	30.66 2.16 0.00
BLUE_CIRC_CHEM_DRP 24182	32.68 0.94 -3.28	30.30 0.94 -0.93	29.44 0.94 -0.10	29.29 0.91 0.00	29.26 0.91 0.00	34.56 1.00 -5.04	48.84 1.36 -11.82	58.42 1.47 -17.16	45.28 1.30 -8.75	35.61 1.20 0.00	32.19 1.03 0.00	31.37 0.91 0.00	31.16 0.97 0.00	30.71 1.01 0.00	31.29 1.06 0.00	33.93 1.18 0.00	41.99 1.42 0.00	69.23 1.92 -19.23	49.35 1.74 -1.70	43.68 1.35 0.00	36.32 1.23 0.00	33.07 1.21 0.00	30.80 0.98 0.00	29.26 0.77 0.00
BOC_GAS_DRP 24189	32.66 0.91 -3.28	30.27 0.91 -0.93	29.41 0.91 -0.10	29.26 0.88 0.00	29.24 0.88 0.00	34.50 0.94 -5.04	48.81 1.32 -11.83	58.39 1.43 -17.17	45.22 1.23 -8.75	35.57 1.17 0.00	32.16 1.00 0.00	31.34 0.88 0.00	31.13 0.94 0.00	30.68 0.98 0.00	31.23 1.00 0.00	33.90 1.15 0.00	41.95 1.38 0.00	69.14 1.83 -19.24	49.25 1.65 -1.70	43.60 1.27 0.00	36.25 1.16 0.00	33.01 1.15 0.00	30.74 0.92 0.00	29.21 0.71 0.00
BOONVILLE_115KV_TB1 79983	29.21 0.57 -0.18	29.09 0.60 -0.05	28.98 0.57 -0.01	28.92 0.54 0.00	28.90 0.54 0.00	29.45 0.66 -0.27	37.33 1.03 -0.64	42.02 1.31 -0.92	36.83 1.13 -0.47	35.51 1.10 0.00	32.09 0.93 0.00	31.43 0.97 0.00	31.07 0.88 0.00	30.59 0.89 0.00	31.11 0.88 0.00	33.70 0.95 0.00	41.87 1.30 0.00	50.84 1.73 -1.04	47.69 1.70 -0.09	43.81 1.48 0.00	36.25 1.16 0.00	32.78 0.92 0.00	30.65 0.83 0.00	29.24 0.74 0.00
BORALEX_4TH_BRANCH 23824	33.35 1.59 -3.29	30.96 1.59 -0.93	30.10 1.59 -0.10	29.94 1.56 0.00	29.94 1.59 0.00	35.32 1.74 -5.06	49.85 2.32 -11.87	59.56 2.55 -17.23	46.25 2.25 -8.77	36.40 2.00 0.00	32.87 1.71 0.00	31.95 1.49 0.00	31.79 1.60 0.00	31.42 1.72 0.00	32.02 1.78 0.00	34.78 2.03 0.00	43.12 2.56 0.00	70.38 3.03 -19.27	50.50 2.89 -1.71	44.57 2.24 0.00	37.20 2.11 0.00	33.83 1.98 0.00	31.46 1.64 0.00	29.89 1.40 0.00
BOWLINE___1 23526	32.77 1.79 -2.51	30.91 1.76 -0.71	30.16 1.68 -0.07	30.00 1.62 0.00	29.94 1.59 0.00	34.23 1.85 -3.85	47.20 2.50 -9.04	55.81 2.90 -13.12	44.39 2.47 -6.70	36.91 2.51 0.00	33.46 2.31 0.00	32.53 2.07 0.00	32.30 2.11 0.00	31.77 2.08 0.00	32.35 2.12 0.00	35.01 2.26 0.00	43.37 2.80 0.00	66.79 3.99 -14.72	50.69 3.49 -1.30	45.46 3.13 0.00	37.51 2.42 0.00	34.18 2.32 0.00	31.73 1.91 0.00	30.12 1.62 0.00
BOWLINE___2 23595	32.89 1.94 -2.49	31.02 1.88 -0.70	30.30 1.82 -0.07	30.14 1.76 0.00	30.09 1.73 0.00	34.31 1.97 -3.82	47.32 2.68 -8.98	55.88 3.06 -13.03	44.53 2.64 -6.65	37.09 2.69 0.00	33.59 2.43 0.00	32.68 2.22 0.00	32.46 2.27 0.00	31.89 2.20 0.00	32.50 2.27 0.00	35.17 2.42 0.00	43.57 3.00 0.00	66.97 4.28 -14.62	50.96 3.76 -1.29	45.67 3.34 0.00	37.69 2.60 0.00	34.31 2.45 0.00	31.85 2.03 0.00	30.23 1.74 0.00
BRADY___115KV_TB2 356060	28.89 0.37 -0.05	28.88 0.43 -0.01	28.81 0.40 0.00	28.80 0.43 0.00	28.78 0.43 0.00	28.94 0.34 -0.08	36.45 0.61 -0.18	40.97 0.92 -0.27	35.90 0.67 0.00	34.92 0.52 0.00	31.56 0.41 0.00	30.91 0.46 0.00	30.61 0.42 0.00	29.87 0.18 0.00	30.50 0.27 0.00	33.11 0.36 0.00	41.05 0.49 0.00	48.17 0.10 0.00	46.59 0.69 0.00	43.05 0.72 0.00	35.58 0.49 0.00	32.24 0.38 0.00	30.09 0.27 0.00	28.75 0.26 0.00
BRANSCOMB___SOLAR 323811	33.36 1.51 -3.38	30.90 1.51 -0.96	29.96 1.45 -0.10	29.80 1.42 0.00	29.97 1.62 0.00	35.46 1.74 -5.20	50.19 2.32 -12.21	59.98 2.47 -17.72	46.57 2.32 -9.01	36.54 2.13 0.00	33.00 1.84 0.00	32.07 1.61 0.00	31.85 1.66 0.00	31.33 1.63 0.00	31.96 1.72 0.00	34.65 1.90 0.00	42.96 2.39 0.00	70.91 3.03 -19.80	50.59 2.94 -1.75	44.74 2.41 0.00	37.09 2.00 0.00	33.64 1.78 0.00	31.49 1.67 0.00	29.89 1.40 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	42.07 2.68 -10.93	41.35 2.64 -10.27	37.83 2.56 -6.87	37.55 2.53 -6.64	38.42 2.50 -7.56	42.08 2.74 -10.81	48.64 3.64 -9.34	57.53 4.18 -13.56	45.78 3.63 -6.92	42.17 3.75 -4.02	37.67 3.30 -3.21	37.48 3.11 -3.92	37.41 3.11 -4.11	36.99 3.06 -4.23	38.02 3.14 -4.65	39.67 3.41 -3.52	48.04 4.22 -3.25	77.80 5.67 -24.05	67.34 5.09 -16.34	56.72 4.44 -9.95	44.82 3.65 -6.08	42.46 3.44 -7.16	40.98 3.04 -8.12	38.99 2.62 -7.88
BRISTLHL_115KV_TB1 79998	28.51 -0.43 -0.47	28.17 -0.40 -0.13	27.97 -0.45 -0.01	27.90 -0.48 0.00	27.87 -0.48 0.00	28.85 -0.40 -0.73	36.77 -0.61 -1.71	41.52 -0.76 -2.49	35.90 -0.60 -1.27	33.89 -0.52 0.00	30.72 -0.44 0.00	30.12 -0.33 0.00	29.80 -0.39 0.00	29.28 -0.42 0.00	29.75 -0.48 0.00	32.19 -0.56 0.00	39.88 -0.69 0.00	50.48 -0.38 -2.79	45.50 -0.64 -0.25	41.69 -0.63 0.00	34.49 -0.60 0.00	31.29 -0.57 0.00	29.43 -0.39 0.00	28.18 -0.31 0.00
BROOKHAVEN___DRP 24191	42.05 2.65 -10.93	41.33 2.62 -10.27	37.80 2.53 -6.87	37.49 2.47 -6.64	38.36 2.44 -7.56	41.99 2.65 -10.81	48.54 3.53 -9.34	57.33 3.98 -13.56	45.71 3.56 -6.92	42.07 3.65 -4.02	37.61 3.24 -3.21	37.42 3.05 -3.92	37.35 3.05 -4.11	36.90 2.97 -4.23	37.96 3.08 -4.65	39.71 3.44 -3.52	48.04 4.22 -3.25	77.85 5.72 -24.05	67.47 5.19 -16.38	56.76 4.49 -9.95	44.85 3.68 -6.08	42.49 3.47 -7.16	40.95 3.01 -8.12	38.91 2.54 -7.88

BROOKLYN_NAVY_YARD 23515	33.02 1.96 -2.59	31.10 1.93 -0.73	30.36 1.87 -0.08	30.17 1.79 0.00	30.12 1.76 0.00	34.47 1.97 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.87 2.71 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.13 2.44 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.77 3.20 0.00	67.81 4.52 -15.22	51.24 3.99 -1.35	45.88 3.56 0.00	37.86 2.77 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.35 1.85 0.00
BROOKLYN___ARMY_DRP 323595	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
BROOKVLE_69_KV_TB1 55790	41.99 2.59 -10.93	41.27 2.56 -10.27	37.74 2.47 -6.87	37.43 2.41 -6.64	38.27 2.35 -7.56	41.90 2.57 -10.81	48.50 3.50 -9.34	57.41 4.06 -13.56	45.68 3.52 -6.92	42.11 3.68 -4.02	37.71 3.33 -3.21	37.54 3.17 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.02 3.14 -4.65	39.64 3.37 -3.52	48.04 4.22 -3.25	77.80 5.67 -24.05	67.33 5.09 -16.34	56.76 4.49 -9.95	44.78 3.61 -6.08	42.39 3.38 -7.16	40.80 2.86 -8.12	38.79 2.42 -7.88
BROOME_2_LFGE 323671	29.81 0.23 -1.11	28.92 0.17 -0.31	28.70 0.26 -0.03	28.61 0.23 0.00	28.56 0.20 0.00	30.52 0.29 -1.71	40.11 0.43 -4.02	46.06 0.44 -5.83	38.60 0.39 -2.98	35.09 0.69 0.00	31.88 0.72 0.00	31.34 0.88 0.00	30.95 0.76 0.00	30.38 0.68 0.00	30.87 0.64 0.00	33.31 0.56 0.00	41.34 0.77 0.00	55.96 1.34 -6.54	47.30 0.83 -0.58	43.09 0.76 0.00	35.76 0.67 0.00	32.37 0.51 0.00	30.47 0.66 0.00	29.06 0.57 0.00
BROOME___LFGE 323600	29.81 0.23 -1.11	28.92 0.17 -0.31	28.70 0.26 -0.03	28.61 0.23 0.00	28.56 0.20 0.00	30.52 0.29 -1.71	40.11 0.43 -4.02	46.06 0.44 -5.83	38.60 0.39 -2.98	35.09 0.69 0.00	31.88 0.72 0.00	31.34 0.88 0.00	30.95 0.76 0.00	30.38 0.68 0.00	30.87 0.64 0.00	33.31 0.56 0.00	41.34 0.77 0.00	55.96 1.34 -6.54	47.30 0.83 -0.58	43.09 0.76 0.00	35.76 0.67 0.00	32.37 0.51 0.00	30.47 0.66 0.00	29.06 0.57 0.00
BROWNFLS_115KV_TB_3_5 80003	28.72 0.11 -0.14	28.62 0.14 -0.04	28.53 0.11 0.00	28.49 0.11 0.00	28.50 0.14 0.00	28.91 0.17 -0.21	36.59 0.43 -0.50	41.19 0.68 -0.73	36.06 0.46 -0.37	34.71 0.31 0.00	31.41 0.25 0.00	30.76 0.30 0.00	30.43 0.24 0.00	29.82 0.12 0.00	30.38 0.15 0.00	32.95 0.20 0.00	40.93 0.37 0.00	49.23 0.34 -0.81	46.66 0.69 -0.07	42.92 0.59 0.00	35.55 0.46 0.00	32.15 0.29 0.00	30.00 0.18 0.00	28.64 0.14 0.00
BROWNSV1_27_KV_LOAD 356125	33.25 2.19 -2.59	31.33 2.16 -0.73	30.59 2.10 -0.08	30.39 2.01 0.00	30.31 1.96 0.00	34.64 2.14 -3.98	48.04 3.03 -9.35	56.97 3.62 -13.57	45.29 3.14 -6.92	37.71 3.30 0.00	34.12 2.96 0.00	33.23 2.77 0.00	32.97 2.78 0.00	32.40 2.70 0.00	33.01 2.78 0.00	35.67 2.91 0.00	44.14 3.57 0.00	68.25 4.95 -15.22	51.65 4.41 -1.35	46.18 3.85 0.00	38.18 3.09 0.00	34.85 2.99 0.00	32.32 2.50 0.00	30.55 2.05 0.00
BURROWS___LYONSDAL 23803	29.13 0.48 -0.18	29.00 0.51 -0.05	28.90 0.48 -0.01	28.83 0.45 0.00	28.81 0.45 0.00	29.37 0.57 -0.28	37.28 0.96 -0.65	41.96 1.23 -0.94	36.74 1.02 -0.48	35.37 0.96 0.00	31.97 0.81 0.00	31.31 0.85 0.00	30.95 0.75 0.00	30.44 0.74 0.00	30.99 0.76 0.00	33.57 0.82 0.00	41.74 1.18 0.00	50.67 1.54 -1.06	47.55 1.56 -0.09	43.68 1.35 0.00	36.14 1.05 0.00	32.69 0.83 0.00	30.56 0.75 0.00	29.15 0.66 0.00
CAITHNESS_CC_1 323624	41.96 2.56 -10.93	41.24 2.53 -10.27	37.72 2.44 -6.87	37.41 2.38 -6.64	38.30 2.38 -7.56	41.96 2.62 -10.81	48.40 3.39 -9.34	57.21 3.86 -13.56	45.64 3.49 -6.92	41.97 3.54 -4.02	37.55 3.18 -3.21	37.30 2.92 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.93 3.05 -4.65	39.58 3.31 -3.52	47.88 4.06 -3.25	77.65 5.53 -24.05	67.24 4.96 -16.38	56.68 4.40 -9.95	44.71 3.54 -6.08	42.39 3.38 -7.16	40.86 2.92 -8.12	38.88 2.51 -7.88
CALPINE BETH_PAGE_GT4 24209	41.68 2.28 -10.93	40.96 2.25 -10.27	37.46 2.19 -6.87	37.12 2.10 -6.64	37.99 2.07 -7.56	41.59 2.25 -10.81	48.04 3.03 -9.34	56.85 3.50 -13.56	45.25 3.10 -6.92	41.69 3.27 -4.02	37.30 2.93 -3.21	37.14 2.77 -3.92	37.08 2.78 -4.11	36.63 2.70 -4.23	37.66 2.78 -4.65	39.25 2.98 -3.52	47.47 3.65 -3.25	77.08 4.95 -24.05	66.64 4.41 -16.34	56.08 3.81 -9.95	44.29 3.12 -6.08	41.98 2.96 -7.16	40.47 2.53 -8.12	38.48 2.11 -7.88
CALPINE_BETH_PAGE_GT_4 323586	41.68 2.28 -10.93	40.96 2.25 -10.27	37.46 2.19 -6.87	37.12 2.10 -6.64	38.02 2.10 -7.56	41.68 2.34 -10.81	48.04 3.03 -9.34	56.85 3.50 -13.56	45.26 3.10 -6.92	41.69 3.27 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.08 2.78 -4.11	36.63 2.70 -4.23	37.66 2.78 -4.65	39.25 2.98 -3.52	47.43 3.61 -3.25	77.08 4.95 -24.05	66.65 4.41 -16.34	56.17 3.89 -9.95	44.29 3.12 -6.08	42.01 2.99 -7.16	40.47 2.53 -8.12	38.54 2.16 -7.88
CALPINE_BP_GT1 23823	41.68 2.28 -10.93	40.96 2.25 -10.27	37.46 2.19 -6.87	37.12 2.10 -6.64	38.02 2.10 -7.56	41.68 2.34 -10.81	48.04 3.03 -9.34	56.85 3.50 -13.56	45.26 3.10 -6.92	41.69 3.27 -4.02	37.33 2.96 -3.21	37.08 2.71 -3.92	37.08 2.78 -4.11	36.63 2.70 -4.23	37.66 2.78 -4.65	39.25 2.98 -3.52	47.43 3.61 -3.25	77.08 4.95 -24.05	66.65 4.41 -16.34	56.17 3.89 -9.95	44.29 3.12 -6.08	42.01 2.99 -7.16	40.47 2.53 -8.12	38.54 2.16 -7.88
CALSPAN___DRP 24200	27.72 -1.45 -0.71	27.19 -1.45 -0.20	27.24 -1.19 -0.02	27.19 -1.19 0.00	27.14 -1.22 0.00	28.61 -1.00 -1.09	36.80 -1.43 -2.56	41.59 -1.91 -3.71	35.93 -1.20 -1.89	34.27 -0.14 0.00	31.16 0.00 0.00	30.91 0.46 0.00	30.55 0.36 0.00	29.90 0.21 0.00	30.23 0.00 0.00	32.36 -0.39 0.00	40.20 -0.37 0.00	51.86 -0.38 -4.17	44.98 -1.29 -0.37	42.20 -0.13 0.00	34.71 -0.39 0.00	31.03 -0.83 0.00	30.03 0.21 0.00	28.44 -0.06 0.00
CALVERTON___SOLAR 323806	42.16 2.76 -10.93	41.44 2.73 -10.27	37.88 2.61 -6.87	37.58 2.56 -6.64	38.47 2.55 -7.56	42.16 2.82 -10.81	48.68 3.67 -9.34	57.53 4.18 -13.56	45.85 3.70 -6.92	42.17 3.75 -4.02	37.74 3.37 -3.21	37.48 3.11 -3.92	37.44 3.14 -4.11	37.02 3.09 -4.23	38.12 3.24 -4.65	39.84 3.57 -3.52	48.24 4.42 -3.25	78.14 6.01 -24.05	67.69 5.41 -16.38	57.06 4.78 -9.95	45.03 3.86 -6.08	42.65 3.63 -7.16	41.07 3.13 -8.12	39.08 2.71 -7.88
CANDIGU_WT_PWR 323617	28.61 -0.71 -0.86	27.83 -0.85 -0.24	27.75 -0.68 -0.03	27.67 -0.71 0.00	27.68 -0.68 0.00	29.24 -0.60 -1.32	38.15 -0.61 -3.09	43.36 -0.91 -4.49	36.89 -0.63 -2.29	34.54 0.14 0.00	31.50 0.34 0.00	31.31 0.85 0.00	30.79 0.60 0.00	30.26 0.56 0.00	30.66 0.42 0.00	32.92 0.16 0.00	40.93 0.36 0.00	53.97 0.87 -5.03	46.34 0.00 -0.45	42.45 0.13 0.00	35.44 0.35 0.00	31.89 0.03 0.00	30.45 0.63 0.00	28.95 0.45 0.00

CARR STREET_E_SYR 24060	28.72 -0.26 -0.51	28.33 -0.26 -0.14	28.11 -0.31 -0.02	28.07 -0.31 0.00	28.05 -0.31 0.00	28.99 -0.31 -0.78	36.89 -0.61 -1.83	41.73 -0.71 -2.66	36.02 -0.57 -1.36	33.92 -0.48 0.00	30.82 -0.34 0.00	30.24 -0.21 0.00	29.95 -0.24 0.00	29.46 -0.24 0.00	29.90 -0.33 0.00	32.26 -0.49 0.00	39.96 -0.61 0.00	50.78 -0.29 -2.99	45.52 -0.64 -0.26	41.61 -0.72 0.00	34.53 -0.56 0.00	31.41 -0.45 0.00	29.61 -0.21 0.00	28.38 -0.11 0.00
CARTHAGE___PAPER 23857	28.89 0.14 -0.28	28.69 0.17 -0.08	28.53 0.11 -0.01	28.46 0.09 0.00	28.47 0.11 0.00	29.18 0.23 -0.43	37.33 0.64 -1.02	42.18 0.92 -1.48	36.62 0.63 -0.76	34.89 0.48 0.00	31.47 0.31 0.00	30.88 0.43 0.00	30.52 0.33 0.00	29.99 0.30 0.00	30.50 0.27 0.00	33.11 0.36 0.00	41.30 0.73 0.00	50.84 1.11 -1.66	47.38 1.33 -0.15	43.42 1.10 0.00	35.93 0.84 0.00	32.43 0.57 0.00	30.27 0.45 0.00	28.86 0.37 0.00
CASSADAGA_WT_PWR 323784	27.77 -1.42 -0.73	26.91 -1.74 -0.21	27.07 -1.36 -0.02	27.05 -1.33 0.00	27.11 -1.25 0.00	28.50 -1.14 -1.12	37.12 -1.18 -2.63	42.25 -1.35 -3.82	37.18 0.04 -1.91	35.61 1.20 0.00	32.00 0.84 0.00	32.13 1.67 0.00	31.49 1.30 0.00	30.80 1.10 0.00	31.17 0.94 0.00	33.31 0.56 0.00	41.50 0.93 0.00	53.61 1.25 -4.28	46.42 0.14 -0.38	42.75 0.42 0.00	35.83 0.74 0.00	32.05 0.19 0.00	30.92 1.10 0.00	29.23 0.74 0.00
CE_DUNWOOD___DRP 24194	32.96 1.91 -2.59	31.07 1.91 -0.73	30.33 1.85 -0.08	30.17 1.79 0.00	30.09 1.73 0.00	34.41 1.91 -3.97	47.67 2.67 -9.33	56.48 3.14 -13.55	44.86 2.71 -6.91	37.19 2.79 0.00	33.65 2.49 0.00	32.80 2.34 0.00	32.55 2.35 0.00	32.01 2.32 0.00	32.59 2.36 0.00	35.27 2.52 0.00	43.65 3.08 0.00	67.55 4.28 -15.20	51.05 3.81 -1.35	45.58 3.26 0.00	37.76 2.67 0.00	34.38 2.52 0.00	31.94 2.12 0.00	30.23 1.74 0.00
CE_MILLWOOD___DRP 24193	32.92 1.88 -2.58	31.01 1.85 -0.73	30.27 1.79 -0.08	30.11 1.73 0.00	30.03 1.67 0.00	34.34 1.85 -3.96	47.57 2.60 -9.30	56.31 3.02 -13.50	44.73 2.61 -6.89	37.09 2.68 0.00	33.56 2.40 0.00	32.71 2.25 0.00	32.46 2.26 0.00	31.92 2.23 0.00	32.50 2.27 0.00	35.17 2.42 0.00	43.57 3.00 0.00	67.40 4.18 -15.14	50.91 3.67 -1.34	45.50 3.17 0.00	37.65 2.56 0.00	34.31 2.45 0.00	31.85 2.03 0.00	30.15 1.65 0.00
CE_NYC2_DRP 24202	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.44 1.94 -3.98	47.68 2.67 -9.35	56.65 3.00 -13.57	45.01 2.85 -6.92	37.47 3.06 0.00	33.87 2.71 0.00	33.04 2.59 0.00	32.79 2.60 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.81 3.25 0.00	67.72 4.42 -15.22	51.19 3.95 -1.35	45.75 3.43 0.00	37.86 2.77 0.00	34.60 2.74 0.00	32.12 2.30 0.00	30.38 1.88 0.00
CE_NYC_DRP 24195	32.98 1.99 -2.52	31.13 1.96 -0.73	30.39 1.90 -0.08	30.22 1.84 0.00	30.14 1.79 0.00	34.27 1.94 -3.81	46.74 2.75 -8.33	56.12 3.30 -13.03	44.48 2.85 -6.39	37.28 3.06 0.18	33.87 2.71 0.00	33.01 2.56 0.00	32.73 2.54 0.00	32.19 2.49 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.61 3.25 0.20	67.74 4.52 -15.15	51.21 4.04 -1.27	45.70 3.47 0.10	37.83 2.81 0.07	34.57 2.71 0.00	32.09 2.27 0.00	30.32 1.82 0.00
CHAFFEE___LFGE 323603	27.96 -1.22 -0.72	27.25 -1.39 -0.20	27.32 -1.11 -0.02	27.24 -1.14 0.00	27.22 -1.14 0.00	28.54 -1.08 -1.11	36.90 -1.36 -2.60	41.77 -1.79 -3.77	36.39 -0.74 -1.89	34.78 0.38 0.00	31.25 0.09 0.00	31.28 0.82 0.00	30.64 0.45 0.00	29.99 0.30 0.00	30.32 0.09 0.00	32.46 -0.30 0.00	40.37 -0.20 0.00	52.11 -0.19 -4.23	45.08 -1.19 -0.37	41.39 -0.93 0.00	34.81 -0.28 0.00	31.16 -0.70 0.00	30.12 0.30 0.00	28.55 0.06 0.00
CHATEAUG_35_KV_LOAD 355732	28.87 0.40 0.00	28.89 0.46 0.00	28.83 0.43 0.00	28.75 0.37 0.00	28.73 0.37 0.00	28.78 0.26 0.00	36.09 0.43 0.00	40.42 0.64 0.00	35.69 0.46 0.00	34.68 0.28 0.00	31.38 0.22 0.00	30.67 0.21 0.00	30.43 0.24 0.00	29.79 0.09 0.00	30.47 0.24 0.00	33.18 0.43 0.00	41.14 0.57 0.00	48.51 0.43 0.00	46.72 0.83 0.00	43.09 0.76 0.00	35.72 0.63 0.00	32.46 0.61 0.00	30.30 0.48 0.00	28.92 0.43 0.00
CHATEAUG_WT_PWR 323614	28.89 0.43 0.00	28.98 0.54 0.00	28.89 0.48 0.00	28.81 0.43 0.00	28.75 0.40 0.00	28.81 0.29 0.00	36.16 0.50 0.00	40.54 0.75 0.00	35.79 0.56 0.00	34.75 0.34 0.00	31.47 0.31 0.00	30.76 0.30 0.00	30.52 0.33 0.00	29.88 0.18 0.00	30.57 0.33 0.00	33.18 0.42 0.00	41.14 0.57 0.00	48.51 0.43 0.00	46.68 0.78 0.00	43.04 0.72 0.00	35.69 0.60 0.00	32.43 0.57 0.00	30.27 0.45 0.00	28.89 0.40 0.00
CHAT_HIGH_FALL_HYD 323578	28.84 0.37 0.00	28.89 0.45 0.00	28.83 0.43 0.00	28.75 0.37 0.00	28.72 0.37 0.00	28.75 0.23 0.00	36.09 0.43 0.00	40.42 0.63 0.00	35.69 0.46 0.00	34.68 0.27 0.00	31.38 0.22 0.00	30.67 0.21 0.00	30.43 0.24 0.00	29.79 0.09 0.00	30.47 0.24 0.00	33.18 0.42 0.00	41.14 0.57 0.00	48.51 0.43 0.00	46.73 0.83 0.00	43.09 0.76 0.00	35.72 0.63 0.00	32.46 0.60 0.00	30.29 0.48 0.00	28.89 0.40 0.00
CHAUTAUQUA___LFGE 323629	28.11 -1.08 -0.72	27.36 -1.28 -0.20	27.38 -1.05 -0.02	27.33 -1.05 0.00	27.34 -1.02 0.00	28.75 -0.88 -1.11	37.28 -1.00 -2.61	42.26 -1.31 -3.79	36.58 -0.57 -1.91	34.95 0.55 0.00	31.72 0.56 0.00	31.73 1.28 0.00	31.10 0.90 0.00	30.44 0.74 0.00	30.78 0.54 0.00	32.95 0.20 0.00	41.02 0.45 0.00	53.10 0.77 -4.25	45.96 -0.32 -0.38	42.16 -0.17 0.00	35.37 0.28 0.00	31.64 -0.22 0.00	30.53 0.71 0.00	28.92 0.43 0.00
CHERRYST_13_KV_LD 356241	33.03 2.05 -2.52	31.19 2.02 -0.73	30.44 1.96 -0.08	30.28 1.90 0.00	30.20 1.84 0.00	34.33 2.00 -3.81	46.85 2.85 -8.33	56.24 3.42 -13.03	44.58 2.96 -6.39	37.39 3.17 0.18	33.96 2.80 0.00	33.10 2.65 0.00	32.82 2.63 0.00	32.28 2.58 0.00	32.86 2.63 0.00	35.54 2.78 0.00	43.74 3.37 0.20	67.94 4.71 -15.15	51.35 4.18 -1.27	45.82 3.60 0.10	37.90 2.88 0.07	34.66 2.80 0.00	32.17 2.36 0.00	30.40 1.91 0.00
CHESTROR_138KV_BK263 355645	32.39 1.54 -2.39	30.65 1.54 -0.67	29.96 1.48 -0.07	29.80 1.42 0.00	29.72 1.36 0.00	33.73 1.54 -3.67	46.45 2.18 -8.61	54.76 2.47 -12.50	43.69 2.08 -6.38	36.54 2.13 0.00	33.06 1.90 0.00	32.22 1.77 0.00	31.97 1.78 0.00	31.45 1.75 0.00	32.02 1.78 0.00	34.68 1.93 0.00	43.00 2.43 0.00	65.56 3.46 -14.03	50.17 3.03 -1.24	44.91 2.58 0.00	37.20 2.11 0.00	33.83 1.98 0.00	31.46 1.64 0.00	29.83 1.34 0.00
CH_MIDHUDSON___DRP 24192	33.00 1.85 -2.68	31.02 1.82 -0.76	30.28 1.79 -0.08	30.11 1.73 0.00	30.03 1.67 0.00	34.47 1.83 -4.12	47.90 2.57 -9.67	56.69 2.86 -14.04	44.89 2.47 -7.19	36.85 2.44 0.00	33.31 2.15 0.00	32.43 1.98 0.00	32.18 1.99 0.00	31.69 1.99 0.00	32.26 2.03 0.00	35.01 2.26 0.00	43.41 2.84 0.00	67.72 3.89 -15.75	50.78 3.49 -1.39	45.25 2.92 0.00	37.51 2.42 0.00	34.12 2.26 0.00	31.70 1.88 0.00	30.06 1.57 0.00

CH_MISC_IPPS 23765	33.08 1.99 -2.62	31.17 1.99 -0.74	30.39 1.90 -0.08	30.22 1.84 0.00	30.17 1.82 0.00	34.58 2.03 -4.03	47.83 2.71 -9.46	56.54 3.02 -13.73	44.80 2.64 -6.93	37.02 2.61 0.00	33.46 2.31 0.00	32.55 2.10 0.00	32.33 2.14 0.00	31.77 2.08 0.00	32.35 2.12 0.00	35.14 2.39 0.00	43.57 3.00 0.00	67.66 4.18 -15.41	50.98 3.72 -1.36	45.59 3.26 0.00	37.65 2.56 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.18 1.68 0.00
CH_RES_BVR_FALLS 23983	27.92 -0.54 0.00	27.93 -0.51 0.00	27.90 -0.51 0.00	27.90 -0.48 0.00	27.85 -0.51 0.00	27.92 -0.60 0.00	34.98 -0.68 0.00	39.15 -0.64 0.00	34.70 -0.53 0.00	33.89 -0.52 0.00	30.72 -0.44 0.00	30.03 -0.43 0.00	29.80 -0.39 0.00	29.34 -0.36 0.00	29.90 -0.33 0.00	32.46 -0.30 0.00	40.20 -0.37 0.00	47.36 -0.72 0.00	45.62 -0.27 0.00	42.12 -0.21 0.00	34.92 -0.17 0.00	31.70 -0.16 0.00	29.64 -0.18 0.00	28.30 -0.20 0.00
CH_RES_NIAGARA 23895	27.36 -1.79 -0.68	26.70 -1.93 -0.19	26.41 -2.02 -0.02	26.37 -2.01 0.00	26.34 -2.01 0.00	27.89 -1.68 -1.05	35.84 -2.28 -2.46	40.30 -3.06 -3.57	34.84 -2.22 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	30.03 -0.43 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.15 -1.09 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.21 -1.88 -4.01	43.59 -2.66 -0.35	39.41 -2.92 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.87 0.00	27.50 -1.00 0.00
CH_RES_SYRACUSE 23985	28.95 -0.06 -0.54	28.51 -0.09 -0.15	28.31 -0.11 -0.02	28.24 -0.14 0.00	28.22 -0.14 0.00	29.27 -0.09 -0.83	37.43 -0.18 -1.95	42.38 -0.24 -2.83	36.49 -0.18 -1.43	34.34 -0.07 0.00	31.16 0.00 0.00	30.58 0.12 0.00	30.22 0.03 0.00	29.70 0.00 0.00	30.17 -0.06 0.00	32.65 -0.10 0.00	40.45 -0.12 0.00	51.59 0.34 -3.17	46.13 -0.05 -0.28	42.12 -0.21 0.00	34.95 -0.14 0.00	31.70 -0.16 0.00	29.82 0.00 0.00	28.55 0.06 0.00
CLINTON_WT_PWR 323605	28.89 0.43 0.00	28.98 0.54 0.00	28.89 0.48 0.00	28.81 0.43 0.00	28.75 0.40 0.00	28.81 0.29 0.00	36.16 0.50 0.00	40.54 0.75 0.00	35.79 0.56 0.00	34.75 0.34 0.00	31.47 0.31 0.00	30.76 0.30 0.00	30.52 0.33 0.00	29.88 0.18 0.00	30.57 0.33 0.00	33.18 0.42 0.00	41.14 0.57 0.00	48.51 0.43 0.00	46.68 0.78 0.00	43.04 0.72 0.00	35.69 0.60 0.00	32.43 0.57 0.00	30.27 0.45 0.00	28.89 0.40 0.00
CLINTON__LFGE 323618	29.38 0.91 0.00	29.49 1.05 0.00	29.34 0.94 0.00	29.29 0.91 0.00	29.21 0.85 0.00	29.29 0.77 0.00	36.88 1.21 0.00	41.42 1.63 0.00	36.50 1.27 0.00	35.37 0.96 0.00	32.03 0.87 0.00	31.34 0.88 0.00	31.07 0.88 0.00	30.38 0.68 0.00	31.14 0.91 0.00	33.67 0.92 0.00	41.75 1.18 0.00	49.37 1.30 0.00	47.55 1.65 0.00	43.77 1.44 0.00	36.21 1.12 0.00	32.91 1.05 0.00	30.68 0.87 0.00	29.26 0.77 0.00
COBBLENY_34_KV_TB1 80064	27.76 -1.42 -0.72	27.25 -1.39 -0.20	27.32 -1.11 -0.02	27.24 -1.14 0.00	27.22 -1.13 0.00	28.66 -0.97 -1.11	36.90 -1.36 -2.60	41.76 -1.79 -3.77	36.46 -0.67 -1.89	34.78 0.38 0.00	31.25 0.09 0.00	31.03 0.58 0.00	30.64 0.45 0.00	29.99 0.30 0.00	30.32 0.09 0.00	32.46 -0.29 0.00	40.37 -0.20 0.00	52.06 -0.24 -4.23	45.13 -1.15 -0.37	42.33 0.00 0.00	34.81 -0.28 0.00	31.13 -0.73 0.00	30.12 0.30 0.00	28.47 -0.03 0.00
COFFEEN__115KV_TB3 355620	29.12 0.31 -0.34	28.88 0.34 -0.10	28.67 0.26 -0.01	28.58 0.20 0.00	28.61 0.26 0.00	29.53 0.48 -0.53	37.86 0.96 -1.23	42.85 1.27 -1.79	37.03 0.88 -0.91	35.16 0.76 0.00	31.69 0.53 0.00	31.19 0.73 0.00	30.76 0.57 0.00	30.26 0.56 0.00	30.72 0.48 0.00	33.37 0.62 0.00	41.70 1.14 0.00	52.01 1.92 -2.01	48.10 2.02 -0.18	44.06 1.74 0.00	36.35 1.26 0.00	32.75 0.89 0.00	30.62 0.81 0.00	29.21 0.71 0.00
COLDSPRG_115KV_BK1 355956	28.06 -1.14 -0.74	27.40 -1.25 -0.21	27.78 -0.65 -0.02	27.75 -0.62 0.00	27.76 -0.60 0.00	29.08 -0.57 -1.13	37.72 -0.61 -2.66	42.89 -0.76 -3.86	38.62 1.48 -1.91	36.98 2.58 0.00	32.44 1.28 0.00	32.22 1.77 0.00	31.76 1.57 0.00	31.06 1.37 0.00	31.38 1.15 0.00	33.41 0.66 0.00	41.70 1.14 0.00	53.51 1.11 -4.33	46.33 0.05 -0.38	43.85 1.52 0.00	36.00 0.91 0.00	32.37 0.51 0.00	31.16 1.34 0.00	29.44 0.94 0.00
COLONIE_LFGE__ 323577	33.09 1.28 -3.34	30.66 1.28 -0.94	29.76 1.25 -0.10	29.60 1.22 0.00	29.66 1.31 0.00	35.14 1.48 -5.13	49.61 1.89 -12.05	59.35 2.07 -17.50	46.03 1.90 -8.90	36.12 1.72 0.00	32.62 1.46 0.00	31.70 1.25 0.00	31.55 1.36 0.00	31.09 1.40 0.00	31.71 1.48 0.00	34.42 1.67 0.00	42.64 2.07 0.00	70.23 2.59 -19.56	50.06 2.43 -1.73	44.36 2.03 0.00	36.81 1.72 0.00	33.45 1.59 0.00	31.19 1.37 0.00	29.64 1.14 0.00
COOPERNY_115KV_TB1 80082	31.49 1.14 -1.89	30.08 1.11 -0.53	29.57 1.11 -0.06	29.43 1.05 0.00	29.35 0.99 0.00	32.56 1.14 -2.90	44.11 1.64 -6.80	51.53 1.87 -9.88	41.86 1.59 -5.04	36.06 1.65 0.00	32.65 1.50 0.00	31.86 1.40 0.00	31.58 1.39 0.00	31.06 1.37 0.00	31.62 1.39 0.00	34.23 1.47 0.00	42.39 1.83 0.00	61.80 2.64 -11.08	49.17 2.29 -0.98	44.32 1.99 0.00	36.71 1.61 0.00	33.36 1.50 0.00	31.10 1.28 0.00	29.55 1.05 0.00
COPENHAGEN_WT_PWR 323753	28.93 0.11 -0.35	28.65 0.11 -0.10	28.47 0.06 -0.01	28.41 0.03 0.00	28.41 0.06 0.00	29.29 0.23 -0.54	37.53 0.61 -1.27	42.42 0.80 -1.84	36.70 0.53 -0.94	34.85 0.45 0.00	31.44 0.28 0.00	30.91 0.46 0.00	30.49 0.30 0.00	29.99 0.30 0.00	30.47 0.24 0.00	33.05 0.29 0.00	41.26 0.69 0.00	51.44 1.30 -2.06	47.46 1.38 -0.18	43.38 1.06 0.00	35.90 0.81 0.00	32.40 0.54 0.00	30.33 0.51 0.00	28.95 0.45 0.00
CORNELL____ 23752	29.82 0.51 -0.84	29.19 0.51 -0.24	28.94 0.51 -0.03	28.86 0.48 0.00	28.84 0.48 0.00	30.47 0.66 -1.29	39.59 0.89 -3.04	45.15 0.95 -4.41	38.45 0.95 -2.27	35.47 1.07 0.00	32.19 1.03 0.00	31.58 1.13 0.00	31.22 1.03 0.00	30.68 0.98 0.00	31.14 0.91 0.00	33.67 0.92 0.00	41.83 1.26 0.00	55.09 2.07 -4.95	47.90 1.56 -0.44	43.81 1.48 0.00	36.21 1.12 0.00	32.75 0.89 0.00	30.80 0.98 0.00	29.35 0.85 0.00
CORONAAV_69_KV_TB1 355595	41.88 2.48 -10.93	41.16 2.45 -10.27	37.66 2.39 -6.87	37.35 2.33 -6.64	38.19 2.27 -7.56	41.79 2.45 -10.81	48.36 3.35 -9.34	57.25 3.90 -13.56	45.54 3.38 -6.92	41.93 3.51 -4.02	37.55 3.18 -3.21	37.39 3.01 -3.92	37.29 2.99 -4.11	36.87 2.94 -4.23	37.87 2.99 -4.65	39.48 3.21 -3.52	47.80 3.98 -3.25	77.46 5.34 -24.05	67.06 4.82 -16.34	56.51 4.23 -9.95	44.61 3.44 -6.08	42.23 3.22 -7.16	40.71 2.77 -8.12	38.68 2.31 -7.88
CORTLAND_115KV_TB3 80093	29.50 0.31 -0.73	28.96 0.31 -0.20	28.74 0.31 -0.02	28.66 0.28 0.00	28.64 0.28 0.00	30.07 0.43 -1.11	38.85 0.57 -2.62	44.18 0.60 -3.80	37.74 0.56 -1.94	35.13 0.72 0.00	31.84 0.69 0.00	31.25 0.79 0.00	30.89 0.69 0.00	30.35 0.65 0.00	30.84 0.60 0.00	33.34 0.59 0.00	41.38 0.81 0.00	53.73 1.39 -4.26	47.29 1.01 -0.38	43.26 0.93 0.00	35.79 0.70 0.00	32.40 0.54 0.00	30.45 0.63 0.00	29.06 0.57 0.00

COXSACKIE___GT 23611	33.84 2.28 -3.09	31.61 2.30 -0.87	30.74 2.24 -0.09	30.51 2.13 0.00	30.71 2.35 0.00	35.73 2.45 -4.75	50.06 3.24 -11.16	59.20 3.22 -16.20	46.27 2.78 -8.25	36.75 2.34 0.00	32.90 1.74 0.00	31.98 1.52 0.00	31.79 1.60 0.00	31.21 1.51 0.00	31.89 1.66 0.00	35.04 2.29 0.00	43.57 3.00 0.00	70.40 4.18 -18.14	51.73 4.22 -1.61	45.88 3.56 0.00	37.79 2.70 0.00	34.35 2.49 0.00	31.94 2.12 0.00	30.20 1.71 0.00
CPV_VALLEY___CC1 323721	31.98 1.31 -2.21	30.34 1.28 -0.62	29.72 1.25 -0.07	29.57 1.19 0.00	29.52 1.16 0.00	33.28 1.37 -3.39	45.47 1.85 -7.96	53.48 2.15 -11.55	42.96 1.83 -5.89	36.26 1.86 0.00	32.84 1.68 0.00	31.98 1.52 0.00	31.73 1.54 0.00	31.21 1.51 0.00	31.80 1.57 0.00	34.42 1.67 0.00	42.64 2.07 0.00	64.06 3.03 -12.96	49.66 2.61 -1.15	44.61 2.28 0.00	36.88 1.79 0.00	33.58 1.72 0.00	31.22 1.40 0.00	29.69 1.20 0.00
CPV_VALLEY___CC2 323722	31.98 1.31 -2.21	30.34 1.28 -0.62	29.72 1.25 -0.07	29.57 1.19 0.00	29.52 1.16 0.00	33.28 1.37 -3.39	45.47 1.85 -7.96	53.48 2.15 -11.55	42.96 1.83 -5.89	36.26 1.86 0.00	32.84 1.68 0.00	31.98 1.52 0.00	31.73 1.54 0.00	31.21 1.51 0.00	31.80 1.57 0.00	34.42 1.67 0.00	42.64 2.07 0.00	64.06 3.03 -12.96	49.66 2.61 -1.15	44.61 2.28 0.00	36.88 1.79 0.00	33.58 1.72 0.00	31.22 1.40 0.00	29.69 1.20 0.00
CRESCENT___HYD 24018	33.09 1.28 -3.34	30.66 1.28 -0.94	29.76 1.25 -0.10	29.60 1.22 0.00	29.66 1.31 0.00	35.14 1.48 -5.13	49.61 1.89 -12.05	59.35 2.07 -17.50	46.03 1.90 -8.90	36.12 1.72 0.00	32.62 1.46 0.00	31.70 1.25 0.00	31.55 1.36 0.00	31.09 1.40 0.00	31.71 1.48 0.00	34.42 1.67 0.00	42.64 2.07 0.00	70.23 2.59 -19.56	50.06 2.43 -1.73	44.36 2.03 0.00	36.81 1.72 0.00	33.45 1.59 0.00	31.19 1.37 0.00	29.64 1.14 0.00
CRICKET___VALLEY_CC1 323756	32.94 1.71 -2.77	30.93 1.71 -0.78	30.17 1.68 -0.08	30.00 1.62 0.00	29.97 1.62 0.00	34.63 1.85 -4.25	48.03 2.39 -9.98	57.02 2.74 -14.49	44.95 2.32 -7.39	36.64 2.24 0.00	33.12 1.96 0.00	32.19 1.74 0.00	32.03 1.84 0.00	31.60 1.90 0.00	32.20 1.96 0.00	34.91 2.16 0.00	43.24 2.68 0.00	67.84 3.51 -16.25	50.50 3.16 -1.44	45.04 2.71 0.00	37.37 2.28 0.00	34.03 2.17 0.00	31.61 1.79 0.00	30.03 1.54 0.00
CRICKET___VALLEY_CC2 323757	32.94 1.71 -2.77	30.93 1.71 -0.78	30.17 1.68 -0.08	30.00 1.62 0.00	29.97 1.62 0.00	34.63 1.85 -4.25	48.03 2.39 -9.98	57.02 2.74 -14.49	44.95 2.32 -7.39	36.64 2.24 0.00	33.12 1.96 0.00	32.19 1.74 0.00	32.03 1.84 0.00	31.60 1.90 0.00	32.20 1.96 0.00	34.91 2.16 0.00	43.24 2.68 0.00	67.84 3.51 -16.25	50.50 3.16 -1.44	45.04 2.71 0.00	37.37 2.28 0.00	34.03 2.17 0.00	31.61 1.79 0.00	30.03 1.54 0.00
CRICKET___VALLEY_CC3 323758	32.94 1.71 -2.77	30.93 1.71 -0.78	30.17 1.68 -0.08	30.00 1.62 0.00	29.97 1.62 0.00	34.63 1.85 -4.25	48.03 2.39 -9.98	57.02 2.74 -14.49	44.95 2.32 -7.39	36.64 2.24 0.00	33.12 1.96 0.00	32.19 1.74 0.00	32.03 1.84 0.00	31.60 1.90 0.00	32.20 1.96 0.00	34.91 2.16 0.00	43.24 2.68 0.00	67.84 3.51 -16.25	50.50 3.16 -1.44	45.04 2.71 0.00	37.37 2.28 0.00	34.03 2.17 0.00	31.61 1.79 0.00	30.03 1.54 0.00
CRUCIBLE_METL_DRP 24180	28.92 -0.09 -0.54	28.51 -0.09 -0.15	28.31 -0.11 -0.02	28.24 -0.14 0.00	28.21 -0.14 0.00	29.30 -0.06 -0.83	37.43 -0.18 -1.95	42.37 -0.24 -2.83	36.53 -0.14 -1.43	34.34 -0.07 0.00	31.16 0.00 0.00	30.55 0.09 0.00	30.22 0.03 0.00	29.70 0.00 0.00	30.17 -0.06 0.00	32.65 -0.10 0.00	40.45 -0.12 0.00	51.58 0.34 -3.17	46.13 -0.05 -0.28	42.24 -0.08 0.00	34.95 -0.14 0.00	31.70 -0.16 0.00	29.82 0.00 0.00	28.52 0.03 0.00
DAHOWA___HYDRO 323763	33.42 1.56 -3.39	30.96 1.56 -0.96	30.01 1.50 -0.10	29.85 1.47 0.00	30.06 1.70 0.00	35.56 1.83 -5.21	50.36 2.46 -12.24	60.13 2.58 -17.76	46.73 2.47 -9.03	36.67 2.27 0.00	33.09 1.93 0.00	32.13 1.67 0.00	31.94 1.75 0.00	31.39 1.69 0.00	32.02 1.78 0.00	34.72 1.96 0.00	43.00 2.43 0.00	71.00 3.08 -19.85	50.68 3.03 -1.76	44.82 2.50 0.00	37.16 2.07 0.00	33.64 1.78 0.00	31.55 1.73 0.00	29.95 1.45 0.00
DANC___LFGE 323619	28.75 -0.11 -0.40	28.44 -0.11 -0.01	28.25 -0.17 -0.01	28.18 -0.20 0.00	28.19 -0.17 0.00	29.08 -0.06 -0.61	37.21 0.11 -1.43	42.03 0.16 -2.08	36.33 0.04 -1.06	34.40 0.00 0.00	31.10 -0.06 0.00	30.58 0.12 0.00	30.16 -0.03 0.00	29.67 -0.03 0.00	30.14 -0.09 0.00	32.65 -0.10 0.00	40.65 0.08 0.00	50.99 0.58 -2.34	46.61 0.51 -0.21	42.62 0.30 0.00	35.30 0.21 0.00	31.92 0.06 0.00	29.94 0.12 0.00	28.64 0.14 0.00
DANSKAMMER___1 23586	33.08 1.99 -2.62	31.17 1.99 -0.74	30.39 1.90 -0.08	30.22 1.84 0.00	30.17 1.82 0.00	34.58 2.03 -4.03	47.83 2.71 -9.46	56.54 3.02 -13.73	44.80 2.64 -6.93	37.02 2.61 0.00	33.46 2.31 0.00	32.55 2.10 0.00	32.33 2.14 0.00	31.77 2.08 0.00	32.35 2.12 0.00	35.14 2.39 0.00	43.57 3.00 0.00	67.66 4.18 -15.41	50.98 3.72 -1.36	45.59 3.26 0.00	37.65 2.56 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.18 1.68 0.00
DANSKAMMER___2 23589	33.08 1.99 -2.62	31.17 1.99 -0.74	30.39 1.90 -0.08	30.22 1.84 0.00	30.17 1.82 0.00	34.58 2.03 -4.03	47.83 2.71 -9.46	56.54 3.02 -13.73	44.80 2.64 -6.93	37.02 2.61 0.00	33.46 2.31 0.00	32.55 2.10 0.00	32.33 2.14 0.00	31.77 2.08 0.00	32.35 2.12 0.00	35.14 2.39 0.00	43.57 3.00 0.00	67.66 4.18 -15.41	50.98 3.72 -1.36	45.59 3.26 0.00	37.65 2.56 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.18 1.68 0.00
DANSKAMMER___3 23590	33.08 1.99 -2.62	31.17 1.99 -0.74	30.39 1.90 -0.08	30.22 1.84 0.00	30.17 1.82 0.00	34.58 2.03 -4.03	47.83 2.71 -9.46	56.54 3.02 -13.73	44.80 2.64 -6.93	37.02 2.61 0.00	33.46 2.31 0.00	32.55 2.10 0.00	32.33 2.14 0.00	31.77 2.08 0.00	32.35 2.12 0.00	35.14 2.39 0.00	43.57 3.00 0.00	67.66 4.18 -15.41	50.98 3.72 -1.36	45.59 3.26 0.00	37.65 2.56 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.18 1.68 0.00
DANSKAMMER___4 23591	33.08 1.99 -2.62	31.17 1.99 -0.74	30.39 1.90 -0.08	30.22 1.84 0.00	30.17 1.82 0.00	34.58 2.03 -4.03	47.83 2.71 -9.46	56.54 3.02 -13.73	44.80 2.64 -6.93	37.02 2.61 0.00	33.46 2.31 0.00	32.55 2.10 0.00	32.33 2.14 0.00	31.77 2.08 0.00	32.35 2.12 0.00	35.14 2.39 0.00	43.57 3.00 0.00	67.66 4.18 -15.41	50.98 3.72 -1.36	45.59 3.26 0.00	37.65 2.56 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.18 1.68 0.00
DANSKAMMER___DIESEL 23592	33.08 1.99 -2.62	31.17 1.99 -0.74	30.39 1.90 -0.08	30.22 1.84 0.00	30.17 1.81 0.00	34.49 1.94 -4.03	47.87 2.75 -9.46	56.54 3.02 -13.73	44.80 2.64 -6.93	37.02 2.61 0.00	33.43 2.27 0.00	32.59 2.13 0.00	32.33 2.14 0.00	31.78 2.08 0.00	32.35 2.12 0.00	35.14 2.39 0.00	43.57 3.00 0.00	67.66 4.18 -15.41	50.98 3.72 -1.36	45.50 3.17 0.00	37.65 2.56 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.12 1.62 0.00

DARBY___SOLAR 323810	33.36 1.51 -3.38	30.90 1.51 -0.96	29.98 1.48 -0.10	29.80 1.42 0.00	29.97 1.62 0.00	35.46 1.74 -5.20	50.19 2.32 -12.21	59.98 2.47 -17.73	46.60 2.36 -9.01	36.57 2.17 0.00	33.03 1.87 0.00	32.10 1.64 0.00	31.88 1.69 0.00	31.36 1.66 0.00	31.99 1.75 0.00	34.65 1.90 0.00	42.92 2.35 0.00	70.86 2.98 -19.81	50.55 2.89 -1.75	44.74 2.41 0.00	37.09 2.00 0.00	33.61 1.75 0.00	31.49 1.67 0.00	29.89 1.40 0.00
DASHVILLE___HYD 23610	32.92 1.71 -2.74	30.92 1.71 -0.78	30.17 1.68 -0.08	30.00 1.62 0.00	29.89 1.53 0.00	34.37 1.63 -4.22	47.85 2.28 -9.90	56.63 2.47 -14.37	44.60 2.04 -7.32	36.43 2.03 0.00	32.90 1.74 0.00	32.07 1.61 0.00	31.79 1.60 0.00	31.27 1.57 0.00	31.87 1.63 0.00	34.59 1.83 0.00	42.88 2.31 0.00	67.51 3.32 -16.12	50.31 2.98 -1.43	44.78 2.45 0.00	37.13 2.04 0.00	33.77 1.91 0.00	31.40 1.58 0.00	29.83 1.34 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	42.67 3.27 -10.93	41.92 3.21 -10.27	38.37 3.10 -6.87	38.03 3.01 -6.64	38.90 2.98 -7.56	42.59 3.25 -10.81	49.39 4.39 -9.34	58.32 4.97 -13.56	46.52 4.37 -6.92	42.83 4.40 -4.02	38.33 3.96 -3.21	38.09 3.72 -3.92	38.05 3.74 -4.11	37.55 3.62 -4.23	38.66 3.78 -4.65	40.49 4.22 -3.52	49.18 5.35 -3.25	79.29 7.16 -24.05	68.80 6.52 -16.38	57.99 5.71 -9.95	45.77 4.60 -6.08	43.28 4.27 -7.16	41.63 3.70 -8.12	39.51 3.13 -7.88
DELAWARE___LFGE 323621	30.74 0.97 -1.31	29.77 0.97 -0.37	29.44 0.99 -0.04	29.34 0.96 0.00	29.26 0.91 0.00	31.59 1.06 -2.01	41.91 1.53 -4.72	48.38 1.75 -6.84	40.24 1.51 -3.49	36.02 1.62 0.00	32.62 1.46 0.00	31.92 1.46 0.00	31.58 1.39 0.00	31.06 1.37 0.00	31.56 1.33 0.00	34.16 1.41 0.00	42.35 1.78 0.00	58.29 2.55 -7.67	48.78 2.20 -0.68	44.27 1.95 0.00	36.67 1.58 0.00	33.26 1.40 0.00	31.07 1.25 0.00	29.55 1.05 0.00
DERFIELD_115KV_TB7 355931	28.68 0.14 -0.07	28.60 0.14 -0.02	28.52 0.11 0.00	28.49 0.11 0.00	28.47 0.11 0.00	28.77 0.14 -0.11	36.13 0.21 -0.25	40.39 0.24 -0.36	35.63 0.21 -0.18	34.61 0.21 0.00	31.35 0.19 0.00	30.64 0.18 0.00	30.37 0.18 0.00	29.87 0.18 0.00	30.41 0.18 0.00	32.95 0.20 0.00	40.85 0.28 0.00	48.87 0.38 -0.41	46.26 0.32 -0.04	42.58 0.25 0.00	35.30 0.21 0.00	32.05 0.19 0.00	29.97 0.15 0.00	28.64 0.14 0.00
DOGLEVILLE___HYD 23807	29.70 1.17 -0.07	29.60 1.14 -0.02	29.52 1.11 0.00	29.43 1.05 0.00	29.41 1.05 0.00	29.74 1.11 -0.11	37.38 1.46 -0.25	41.78 1.63 -0.36	36.83 1.41 -0.18	35.82 1.41 0.00	32.44 1.28 0.00	31.76 1.31 0.00	31.46 1.27 0.00	30.97 1.28 0.00	31.50 1.27 0.00	34.19 1.44 0.00	42.44 1.87 0.00	50.79 2.31 -0.41	48.14 2.20 -0.04	44.36 2.03 0.00	36.81 1.72 0.00	33.45 1.59 0.00	31.34 1.52 0.00	29.98 1.48 0.00
DUNKIRK___115KV_TB_200 55889	27.97 -1.22 -0.72	27.39 -1.25 -0.20	27.41 -1.02 -0.02	27.36 -1.02 0.00	27.36 -0.99 0.00	28.92 -0.71 -1.11	37.27 -1.00 -2.61	42.22 -1.35 -3.79	36.51 -0.63 -1.91	34.85 0.45 0.00	31.63 0.47 0.00	31.43 0.97 0.00	31.04 0.85 0.00	30.38 0.68 0.00	30.69 0.45 0.00	32.88 0.13 0.00	40.89 0.32 0.00	52.90 0.58 -4.25	45.86 -0.41 -0.38	42.96 0.63 0.00	35.30 0.21 0.00	31.54 -0.32 0.00	30.48 0.66 0.00	28.78 0.28 0.00
DUNKIRK___1 23563	27.97 -1.22 -0.72	27.39 -1.25 -0.20	27.41 -1.02 -0.02	27.36 -1.02 0.00	27.36 -0.99 0.00	28.92 -0.71 -1.11	37.27 -1.00 -2.61	42.22 -1.35 -3.79	36.51 -0.63 -1.91	34.85 0.45 0.00	31.63 0.47 0.00	31.43 0.97 0.00	31.04 0.85 0.00	30.38 0.68 0.00	30.69 0.45 0.00	32.88 0.13 0.00	40.89 0.32 0.00	52.90 0.58 -4.25	45.86 -0.41 -0.38	42.96 0.63 0.00	35.30 0.21 0.00	31.54 -0.32 0.00	30.48 0.66 0.00	28.78 0.28 0.00
DUNKIRK___2 23564	27.97 -1.22 -0.72	27.39 -1.25 -0.20	27.41 -1.02 -0.02	27.36 -1.02 0.00	27.36 -0.99 0.00	28.92 -0.71 -1.11	37.27 -1.00 -2.61	42.22 -1.35 -3.79	36.51 -0.63 -1.91	34.85 0.45 0.00	31.63 0.47 0.00	31.43 0.97 0.00	31.04 0.85 0.00	30.38 0.68 0.00	30.69 0.45 0.00	32.88 0.13 0.00	40.89 0.32 0.00	52.90 0.58 -4.25	45.86 -0.41 -0.38	42.96 0.63 0.00	35.30 0.21 0.00	31.54 -0.32 0.00	30.48 0.66 0.00	28.78 0.28 0.00
DUNKIRK___3 23565	27.91 -1.28 -0.72	27.33 -1.31 -0.20	27.41 -1.02 -0.02	27.36 -1.02 0.00	27.34 -1.02 0.00	28.84 -0.80 -1.11	37.17 -1.11 -2.61	42.07 -1.51 -3.79	36.28 -0.88 -1.93	34.65 0.24 0.00	31.50 0.34 0.00	31.28 0.82 0.00	30.89 0.69 0.00	30.23 0.53 0.00	30.54 0.30 0.00	32.69 -0.07 0.00	40.65 0.08 0.00	52.57 0.24 -4.26	45.50 -0.78 -0.38	42.71 0.38 0.00	35.09 0.00 0.00	31.41 -0.45 0.00	30.33 0.51 0.00	28.69 0.20 0.00
DUNKIRK___4 23566	27.87 -1.31 -0.72	27.30 -1.34 -0.20	27.35 -1.08 -0.02	27.27 -1.11 0.00	27.28 -1.08 0.00	28.80 -0.83 -1.10	37.11 -1.14 -2.58	41.98 -1.55 -3.75	36.33 -0.81 -1.90	34.68 0.28 0.00	31.50 0.34 0.00	31.28 0.82 0.00	30.89 0.69 0.00	30.23 0.53 0.00	30.57 0.33 0.00	32.72 -0.03 0.00	40.69 0.12 0.00	52.52 0.24 -4.21	45.54 -0.73 -0.37	42.71 0.38 0.00	35.09 0.00 0.00	31.38 -0.48 0.00	30.33 0.51 0.00	28.69 0.20 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.02 1.96 -2.59	31.13 1.96 -0.73	30.36 1.87 -0.08	30.20 1.82 0.00	30.11 1.76 0.00	34.47 1.97 -3.98	47.79 2.78 -9.34	56.65 3.30 -13.56	44.97 2.82 -6.92	37.33 2.92 0.00	33.78 2.62 0.00	32.92 2.47 0.00	32.67 2.48 0.00	32.10 2.41 0.00	32.71 2.48 0.00	35.37 2.62 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.90 2.81 0.00	34.53 2.68 0.00	32.06 2.24 0.00	30.29 1.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	32.73 1.74 -2.53	30.86 1.71 -0.71	30.13 1.65 -0.08	29.97 1.59 0.00	29.92 1.56 0.00	34.09 1.68 -3.89	47.21 2.43 -9.12	55.74 2.71 -13.24	44.25 2.29 -6.73	36.74 2.34 0.00	33.22 2.06 0.00	32.37 1.92 0.00	32.09 1.90 0.00	31.57 1.87 0.00	32.14 1.90 0.00	34.85 2.10 0.00	43.20 2.64 0.00	66.69 3.75 -14.86	50.52 3.30 -1.32	45.16 2.84 0.00	37.37 2.28 0.00	33.99 2.13 0.00	31.58 1.76 0.00	29.95 1.45 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.19 2.13 -2.59	31.36 2.19 -0.73	30.59 2.10 -0.08	30.37 1.99 0.00	30.31 1.96 0.00	34.27 1.77 -3.98	47.47 2.46 -9.35	56.42 3.06 -13.57	44.80 2.64 -6.92	37.26 2.86 0.00	33.71 2.56 0.00	32.86 2.41 0.00	32.61 2.42 0.00	32.04 2.35 0.00	32.65 2.42 0.00	35.27 2.52 0.00	43.61 3.04 0.00	67.43 4.13 -15.22	50.92 3.67 -1.35	45.50 3.17 0.00	37.69 2.60 0.00	34.41 2.55 0.00	31.97 2.15 0.00	30.35 1.85 0.00
E179THST_13_KV_LOAD 356214	33.31 2.25 -2.59	31.47 2.30 -0.73	30.70 2.22 -0.08	30.48 2.10 0.00	30.40 2.04 0.00	34.39 1.88 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.97 2.82 -6.92	37.43 3.03 0.00	33.87 2.71 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.44 2.69 0.00	43.81 3.25 0.00	67.67 4.37 -15.22	51.15 3.90 -1.35	45.71 3.39 0.00	37.86 2.77 0.00	34.57 2.71 0.00	32.12 2.30 0.00	30.46 1.97 0.00

EAST HAMPTON___GT 23717	43.01 3.62 -10.93	42.21 3.50 -10.27	38.62 3.35 -6.87	38.31 3.29 -6.64	39.21 3.29 -7.56	42.96 3.62 -10.81	49.82 4.81 -9.34	58.80 5.45 -13.56	46.98 4.83 -6.92	43.20 4.78 -4.02	38.73 4.36 -3.21	38.42 4.05 -3.92	38.38 4.07 -4.11	37.88 3.95 -4.23	39.02 4.14 -4.65	40.89 4.62 -3.52	49.74 5.92 -3.25	80.01 7.88 -24.05	69.44 7.16 -16.38	58.62 6.35 -9.95	46.22 5.05 -6.08	43.70 4.68 -7.16	41.93 4.00 -8.12	39.85 3.48 -7.88
EAST RIVER___6 23660	32.81 1.82 -2.52	30.96 1.79 -0.73	30.25 1.76 -0.08	30.05 1.67 0.00	30.00 1.64 0.00	34.16 1.83 -3.81	46.53 2.53 -8.33	55.92 3.11 -13.03	44.34 2.71 -6.39	37.11 2.89 0.18	33.78 2.62 0.00	32.83 2.38 0.00	32.61 2.42 0.00	32.04 2.35 0.00	32.65 2.42 0.00	35.27 2.52 0.00	43.45 3.08 0.20	67.55 4.33 -15.15	50.98 3.81 -1.27	45.61 3.39 0.10	37.62 2.60 0.07	34.41 2.55 0.00	31.91 2.09 0.00	30.26 1.77 0.00
EAST RIVER___7 23524	32.81 1.82 -2.52	30.96 1.79 -0.73	30.25 1.76 -0.08	30.05 1.67 0.00	30.00 1.64 0.00	34.16 1.83 -3.81	46.53 2.53 -8.33	55.92 3.11 -13.03	44.34 2.71 -6.39	37.11 2.89 0.18	33.78 2.62 0.00	32.83 2.38 0.00	32.61 2.42 0.00	32.04 2.35 0.00	32.65 2.42 0.00	35.27 2.52 0.00	43.45 3.08 0.20	67.55 4.33 -15.15	50.98 3.81 -1.27	45.61 3.39 0.10	37.62 2.60 0.07	34.41 2.55 0.00	31.91 2.09 0.00	30.26 1.77 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	32.96 1.91 -2.59	31.07 1.91 -0.73	30.33 1.85 -0.08	30.17 1.79 0.00	30.09 1.73 0.00	34.41 1.91 -3.97	47.67 2.67 -9.33	56.48 3.14 -13.55	44.86 2.71 -6.91	37.19 2.79 0.00	33.65 2.49 0.00	32.80 2.34 0.00	32.55 2.35 0.00	32.01 2.32 0.00	32.59 2.36 0.00	35.27 2.52 0.00	43.65 3.08 0.00	67.55 4.28 -15.20	51.05 3.81 -1.35	45.58 3.26 0.00	37.76 2.67 0.00	34.38 2.52 0.00	31.94 2.12 0.00	30.23 1.74 0.00
EAST_HAMPTON___DIESEL 23722	43.01 3.62 -10.93	42.21 3.50 -10.27	38.65 3.38 -6.87	38.31 3.29 -6.64	39.21 3.29 -7.56	42.96 3.62 -10.81	49.86 4.85 -9.34	58.80 5.45 -13.56	46.98 4.83 -6.92	43.20 4.78 -4.02	38.73 4.36 -3.21	38.42 4.05 -3.92	38.38 4.07 -4.11	37.88 3.95 -4.23	39.02 4.14 -4.65	40.89 4.62 -3.52	49.74 5.92 -3.25	80.01 7.88 -24.05	69.44 7.16 -16.38	58.67 6.39 -9.95	46.26 5.09 -6.08	43.70 4.68 -7.16	41.96 4.02 -8.12	39.87 3.50 -7.88
EAST_PULASKI___ESR 323781	28.59 -0.31 -0.44	28.28 -0.28 -0.12	28.08 -0.34 -0.01	28.01 -0.37 0.00	28.02 -0.34 0.00	28.97 -0.23 -0.68	36.93 -0.32 -1.59	41.70 -0.40 -2.31	36.06 -0.35 -1.18	34.06 -0.34 0.00	30.85 -0.31 0.00	30.24 -0.21 0.00	29.92 -0.27 0.00	29.40 -0.30 0.00	29.90 -0.33 0.00	32.33 -0.43 0.00	40.16 -0.41 0.00	50.62 -0.05 -2.59	45.90 -0.23 -0.23	42.07 -0.25 0.00	34.81 -0.28 0.00	31.51 -0.35 0.00	29.64 -0.18 0.00	28.35 -0.14 0.00
EAST_RIVER___1 323558	32.97 1.99 -2.52	31.13 1.96 -0.73	30.39 1.90 -0.08	30.22 1.84 0.00	30.17 1.82 0.00	34.36 2.03 -3.81	46.74 2.75 -8.33	56.12 3.30 -13.03	44.51 2.89 -6.39	37.28 3.06 0.18	33.93 2.77 0.00	32.95 2.50 0.00	32.73 2.54 0.00	32.19 2.49 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.62 3.25 0.20	67.74 4.52 -15.15	51.16 3.99 -1.27	45.78 3.56 0.10	37.83 2.81 0.07	34.60 2.74 0.00	32.08 2.27 0.00	30.40 1.91 0.00
EAST_RIVER___2 323559	32.81 1.82 -2.52	30.96 1.79 -0.73	30.25 1.76 -0.08	30.05 1.67 0.00	30.00 1.64 0.00	34.16 1.83 -3.81	46.53 2.53 -8.33	55.92 3.11 -13.03	44.34 2.71 -6.39	37.11 2.89 0.18	33.78 2.62 0.00	32.83 2.38 0.00	32.61 2.42 0.00	32.04 2.35 0.00	32.65 2.42 0.00	35.27 2.52 0.00	43.45 3.08 0.20	67.55 4.33 -15.15	50.98 3.81 -1.27	45.61 3.39 0.10	37.62 2.60 0.07	34.41 2.55 0.00	31.91 2.09 0.00	30.26 1.77 0.00
EAST___DELAWARE_HYD 23607	32.45 1.65 -2.34	30.72 1.62 -0.66	30.04 1.56 -0.07	29.85 1.47 0.00	29.77 1.42 0.00	33.74 1.62 -3.59	46.38 2.28 -8.43	54.57 2.55 -12.24	43.55 2.08 -6.24	36.47 2.06 0.00	32.93 1.78 0.00	32.07 1.61 0.00	30.95 0.76 0.00	30.41 0.71 0.00	30.99 0.76 0.00	33.70 0.95 0.00	41.83 1.26 0.00	64.02 2.21 -13.73	49.00 1.88 -1.22	43.93 1.61 0.00	37.20 2.11 0.00	33.80 1.94 0.00	31.37 1.55 0.00	29.81 1.31 0.00
EIGHT_POINT___WT_PWR 323820	28.57 -0.71 -0.82	27.82 -0.85 -0.23	27.75 -0.68 -0.02	27.70 -0.68 0.00	27.71 -0.65 0.00	29.21 -0.57 -1.26	38.15 -0.46 -2.95	43.27 -0.80 -4.28	37.00 -0.42 -2.19	34.78 0.38 0.00	31.72 0.56 0.00	31.58 1.13 0.00	31.10 0.90 0.00	30.62 0.92 0.00	31.02 0.78 0.00	33.31 0.56 0.00	41.46 0.89 0.00	54.52 1.64 -4.81	46.97 0.64 -0.43	43.00 0.68 0.00	35.90 0.81 0.00	32.30 0.45 0.00	30.86 1.04 0.00	29.29 0.80 0.00
ELBRIDGE_115KV_TB2 80188	28.80 -0.23 -0.56	28.37 -0.23 -0.16	28.17 -0.26 -0.02	28.10 -0.28 0.00	28.07 -0.28 0.00	29.21 -0.17 -0.85	37.35 -0.32 -2.01	42.26 -0.44 -2.91	36.39 -0.32 -1.48	34.16 -0.24 0.00	31.00 -0.16 0.00	30.39 -0.06 0.00	30.07 -0.12 0.00	29.58 -0.12 0.00	30.02 -0.21 0.00	32.49 -0.26 0.00	40.28 -0.28 0.00	51.44 0.10 -3.27	45.91 -0.28 -0.29	42.07 -0.25 0.00	34.81 -0.28 0.00	31.54 -0.32 0.00	29.70 -0.12 0.00	28.41 -0.09 0.00
ELEC_TRO_TEK 24086	41.76 2.36 -10.93	41.04 2.33 -10.27	37.55 2.27 -6.87	37.23 2.21 -6.64	38.08 2.16 -7.56	41.70 2.37 -10.81	48.18 3.17 -9.34	57.05 3.70 -13.56	45.40 3.24 -6.92	41.80 3.37 -4.02	37.43 3.05 -3.21	37.23 2.86 -3.92	37.17 2.87 -4.11	36.75 2.82 -4.23	37.75 2.87 -4.65	39.35 3.08 -3.52	47.59 3.77 -3.25	77.27 5.14 -24.05	66.83 4.59 -16.34	56.30 4.02 -9.95	44.43 3.26 -6.08	42.11 3.09 -7.16	40.56 2.62 -8.12	38.57 2.19 -7.88
ELLENBURG_WT_PWR 323604	28.89 0.43 0.00	28.98 0.54 0.00	28.89 0.48 0.00	28.81 0.43 0.00	28.75 0.40 0.00	28.81 0.29 0.00	36.16 0.50 0.00	40.54 0.75 0.00	35.79 0.56 0.00	34.75 0.34 0.00	31.47 0.31 0.00	30.76 0.30 0.00	30.52 0.33 0.00	29.88 0.18 0.00	30.57 0.33 0.00	33.18 0.42 0.00	41.14 0.57 0.00	48.51 0.43 0.00	46.68 0.78 0.00	43.04 0.72 0.00	35.69 0.60 0.00	32.43 0.57 0.00	30.27 0.45 0.00	28.89 0.40 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.63 -1.54 -0.70	27.13 -1.51 -0.20	27.06 -1.36 -0.02	27.02 -1.36 0.00	26.97 -1.39 0.00	28.52 -1.08 -1.08	36.63 -1.57 -2.53	41.32 -2.15 -3.68	35.69 -1.41 -1.87	33.96 -0.45 0.00	30.85 -0.31 0.00	30.64 0.18 0.00	30.28 0.09 0.00	29.64 -0.06 0.00	29.96 -0.27 0.00	32.06 -0.69 0.00	39.80 -0.77 0.00	51.52 -0.67 -4.11	44.70 -1.56 -0.36	41.73 -0.59 0.00	34.32 -0.77 0.00	30.71 -1.15 0.00	29.76 -0.06 0.00	28.15 -0.34 0.00
EMPIRE_CC_1 323656	32.71 1.08 -3.16	30.41 1.08 -0.89	29.58 1.08 -0.09	29.43 1.05 0.00	29.43 1.08 0.00	34.63 1.25 -4.85	48.52 1.46 -11.39	57.87 1.55 -16.54	45.04 1.37 -8.43	35.61 1.20 0.00	32.16 1.00 0.00	31.24 0.79 0.00	31.10 0.90 0.00	30.71 1.01 0.00	31.29 1.06 0.00	33.96 1.21 0.00	41.99 1.42 0.00	68.39 1.78 -18.54	49.24 1.70 -1.64	43.68 1.35 0.00	36.28 1.19 0.00	33.07 1.21 0.00	30.77 0.95 0.00	29.26 0.77 0.00

EMPIRE_CC_2 323658	32.71 1.08 -3.16	30.41 1.08 -0.89	29.58 1.08 -0.09	29.43 1.05 0.00	29.43 1.08 0.00	34.63 1.25 -4.85	48.52 1.46 -11.39	57.87 1.55 -16.54	45.04 1.37 -8.43	35.61 1.20 0.00	32.16 1.00 0.00	31.24 0.79 0.00	31.10 0.90 0.00	30.71 1.01 0.00	31.29 1.06 0.00	33.96 1.21 0.00	41.99 1.42 0.00	68.39 1.78 -18.54	49.24 1.70 -1.64	43.68 1.35 0.00	36.28 1.19 0.00	33.07 1.21 0.00	30.77 0.95 0.00	29.26 0.77 0.00
ENORWICH_115KV_TB1 80156	31.34 1.82 -1.05	30.55 1.82 -0.30	30.23 1.79 -0.03	30.05 1.67 0.00	30.03 1.67 0.00	32.13 2.00 -1.61	42.44 3.00 -3.78	48.86 3.58 -5.49	41.11 3.07 -2.81	37.60 3.20 0.00	34.03 2.87 0.00	33.53 3.08 0.00	32.94 2.75 0.00	32.46 2.76 0.00	32.95 2.72 0.00	35.73 2.98 0.00	44.62 4.06 0.00	59.76 5.53 -6.16	51.49 5.05 -0.55	46.98 4.66 0.00	38.78 3.68 0.00	34.95 3.09 0.00	32.77 2.95 0.00	31.17 2.68 0.00
ERIE_ST__34_KV_TB1-2 80199	27.56 -1.62 -0.71	26.99 -1.65 -0.20	27.41 -1.02 -0.02	27.33 -1.05 0.00	27.34 -1.02 0.00	28.45 -1.17 -1.10	36.67 -1.57 -2.57	41.53 -1.99 -3.73	35.66 -1.48 -1.91	34.44 0.03 0.00	31.44 0.28 0.00	31.22 0.76 0.00	30.83 0.63 0.00	30.17 0.48 0.00	30.47 0.24 0.00	32.59 -0.16 0.00	40.57 0.00 0.00	51.78 -0.48 -4.19	44.85 -1.42 -0.37	42.62 0.30 0.00	35.02 -0.07 0.00	31.32 -0.54 0.00	30.27 0.45 0.00	28.64 0.14 0.00
ERIE_WT_PWR 323693	27.92 -1.25 -0.71	27.22 -1.42 -0.20	27.26 -1.17 -0.02	27.19 -1.19 0.00	27.17 -1.19 0.00	28.50 -1.11 -1.09	36.83 -1.39 -2.56	41.63 -1.87 -3.71	35.89 -1.23 -1.89	34.30 -0.10 0.00	31.19 0.03 0.00	31.22 0.76 0.00	30.58 0.39 0.00	29.93 0.24 0.00	30.26 0.03 0.00	32.39 -0.36 0.00	40.29 -0.28 0.00	52.00 -0.24 -4.17	45.03 -1.24 -0.37	41.27 -1.06 0.00	34.74 -0.35 0.00	31.06 -0.80 0.00	30.06 0.24 0.00	28.52 0.03 0.00
ESPRGFLD_115KV_TB1 80157	29.09 0.91 0.29	29.30 0.94 0.08	29.34 0.94 0.01	29.29 0.91 0.00	29.35 0.99 0.00	29.25 1.17 0.44	36.52 1.89 1.03	40.47 2.19 1.50	36.38 1.94 0.79	36.37 1.96 0.00	32.84 1.68 0.00	32.13 1.67 0.00	31.73 1.54 0.00	31.18 1.48 0.00	31.62 1.39 0.00	34.32 1.57 0.00	42.64 2.07 0.00	49.36 3.03 1.75	48.54 2.80 0.15	44.74 2.41 0.00	36.99 1.89 0.00	33.45 1.59 0.00	31.22 1.40 0.00	29.58 1.08 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.79 0.48 -0.84	29.16 0.48 -0.24	28.92 0.48 -0.03	28.83 0.45 0.00	28.81 0.45 0.00	30.44 0.63 -1.29	39.52 0.82 -3.03	45.11 0.92 -4.41	38.38 0.88 -2.26	35.40 1.00 0.00	32.12 0.97 0.00	31.52 1.07 0.00	31.13 0.94 0.00	30.62 0.92 0.00	31.08 0.85 0.00	33.60 0.85 0.00	41.74 1.18 0.00	54.94 1.92 -4.94	47.81 1.47 -0.44	43.72 1.40 0.00	36.14 1.05 0.00	32.69 0.83 0.00	30.74 0.92 0.00	29.29 0.80 0.00
ETNA_____115KV_TB2 80207	29.79 0.48 -0.84	29.16 0.48 -0.24	28.92 0.48 -0.03	28.83 0.45 0.00	28.81 0.45 0.00	30.44 0.63 -1.29	39.52 0.82 -3.03	45.11 0.92 -4.41	38.38 0.88 -2.26	35.40 1.00 0.00	32.12 0.97 0.00	31.52 1.07 0.00	31.13 0.94 0.00	30.62 0.92 0.00	31.08 0.85 0.00	33.60 0.85 0.00	41.74 1.18 0.00	54.94 1.92 -4.94	47.81 1.47 -0.44	43.72 1.40 0.00	36.14 1.05 0.00	32.69 0.83 0.00	30.74 0.92 0.00	29.29 0.80 0.00
EUCLID___115KV_TB2 356179	28.57 -0.40 -0.50	28.18 -0.40 -0.14	28.00 -0.43 -0.01	27.93 -0.45 0.00	27.90 -0.45 0.00	28.92 -0.37 -0.77	36.83 -0.64 -1.81	41.65 -0.76 -2.62	35.97 -0.60 -1.34	33.89 -0.52 0.00	30.75 -0.41 0.00	30.15 -0.30 0.00	29.83 -0.36 0.00	29.34 -0.36 0.00	29.81 -0.42 0.00	32.23 -0.52 0.00	39.92 -0.65 0.00	50.64 -0.38 -2.94	45.52 -0.64 -0.26	41.69 -0.63 0.00	34.49 -0.60 0.00	31.29 -0.57 0.00	29.46 -0.36 0.00	28.21 -0.28 0.00
E_CANADA_CAP_HY 24051	33.60 0.91 -4.22	30.54 0.91 -1.19	29.41 0.88 -0.13	29.23 0.85 0.00	29.43 1.08 0.00	36.29 1.28 -6.48	52.91 2.03 -15.22	64.14 2.27 -22.09	48.59 2.11 -11.24	36.33 1.93 0.00	32.72 1.56 0.00	31.92 1.46 0.00	31.55 1.36 0.00	31.00 1.31 0.00	31.41 1.18 0.00	34.19 1.44 0.00	42.56 1.99 0.00	75.63 2.84 -24.72	50.89 2.80 -2.19	44.69 2.37 0.00	36.91 1.82 0.00	33.48 1.62 0.00	31.16 1.34 0.00	29.43 0.94 0.00
E_CANADA_MHWK_HY 24050	29.70 1.17 -0.07	29.60 1.14 -0.02	29.52 1.11 0.00	29.43 1.05 0.00	29.41 1.05 0.00	29.74 1.11 -0.11	37.38 1.46 -0.25	41.78 1.63 -0.36	36.83 1.41 -0.18	35.82 1.41 0.00	32.44 1.28 0.00	31.76 1.31 0.00	31.46 1.27 0.00	30.97 1.28 0.00	31.50 1.27 0.00	34.19 1.44 0.00	42.44 1.87 0.00	50.79 2.31 -0.41	48.14 2.20 -0.04	44.36 2.03 0.00	36.81 1.72 0.00	33.45 1.59 0.00	31.34 1.52 0.00	29.98 1.48 0.00
E_FISHKILL___LBMP 23776	32.84 1.71 -2.66	30.87 1.68 -0.75	30.13 1.65 -0.08	29.97 1.59 0.00	29.89 1.53 0.00	34.33 1.71 -4.09	47.66 2.39 -9.61	56.48 2.75 -13.95	44.71 2.36 -7.12	36.78 2.37 0.00	33.28 2.12 0.00	32.40 1.95 0.00	32.15 1.96 0.00	31.66 1.96 0.00	32.26 2.03 0.00	34.91 2.16 0.00	43.25 2.68 0.00	67.38 3.65 -15.65	50.59 3.30 -1.39	45.08 2.75 0.00	37.41 2.32 0.00	34.06 2.20 0.00	31.64 1.82 0.00	29.98 1.48 0.00
FALCON___SEABRD_CC1 323796	29.26 0.80 0.00	29.35 0.91 0.00	29.23 0.82 0.00	29.17 0.79 0.00	29.12 0.77 0.00	29.18 0.66 0.00	36.66 1.00 0.00	41.14 1.35 0.00	36.29 1.06 0.00	35.20 0.79 0.00	31.88 0.72 0.00	31.18 0.73 0.00	30.91 0.72 0.00	30.26 0.56 0.00	30.96 0.72 0.00	33.64 0.88 0.00	41.70 1.13 0.00	49.23 1.15 0.00	47.37 1.47 0.00	43.64 1.31 0.00	36.14 1.05 0.00	32.88 1.02 0.00	30.65 0.83 0.00	29.26 0.77 0.00
FALCON___SEABRD_CC2 323797	29.26 0.80 0.00	29.35 0.91 0.00	29.23 0.82 0.00	29.17 0.79 0.00	29.12 0.77 0.00	29.18 0.66 0.00	36.66 1.00 0.00	41.14 1.35 0.00	36.29 1.06 0.00	35.20 0.79 0.00	31.88 0.72 0.00	31.18 0.73 0.00	30.91 0.72 0.00	30.26 0.56 0.00	30.96 0.72 0.00	33.64 0.88 0.00	41.70 1.13 0.00	49.23 1.15 0.00	47.37 1.47 0.00	43.64 1.31 0.00	36.14 1.05 0.00	32.88 1.02 0.00	30.65 0.83 0.00	29.26 0.77 0.00
FAR ROCKAWAY___4 23548	42.25 2.85 -10.93	41.50 2.79 -10.27	37.97 2.70 -6.87	37.63 2.61 -6.64	38.47 2.55 -7.56	42.10 2.77 -10.81	48.82 3.82 -9.34	57.77 4.42 -13.56	45.99 3.84 -6.92	42.35 3.92 -4.02	37.96 3.58 -3.21	37.78 3.41 -3.92	37.68 3.38 -4.11	37.23 3.30 -4.23	38.27 3.39 -4.65	39.94 3.67 -3.52	48.20 4.38 -3.25	78.04 5.91 -24.05	67.56 5.32 -16.34	57.02 4.74 -9.95	44.96 3.79 -6.08	42.52 3.50 -7.16	41.10 3.16 -8.12	39.02 2.65 -7.88
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.08 2.02 -2.59	31.19 2.02 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.69 3.34 -13.57	45.04 2.89 -6.92	37.50 3.10 0.00	33.90 2.74 0.00	33.04 2.59 0.00	32.76 2.57 0.00	32.22 2.52 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.29 0.00	67.86 4.57 -15.22	51.33 4.08 -1.35	45.84 3.51 0.00	37.93 2.84 0.00	34.63 2.77 0.00	32.12 2.30 0.00	30.38 1.88 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.08 2.02 -2.59	31.19 2.02 -0.73	30.44 1.96 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.83 2.82 -9.35	56.69 3.34 -13.57	45.04 2.89 -6.92	37.50 3.10 0.00	33.90 2.74 0.00	33.04 2.59 0.00	32.76 2.57 0.00	32.22 2.52 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.29 0.00	67.86 4.57 -15.22	51.33 4.08 -1.35	45.84 3.51 0.00	37.93 2.84 0.00	34.63 2.77 0.00	32.15 2.33 0.00	30.38 1.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.22 1.84 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.69 3.34 -13.57	45.04 2.89 -6.92	37.47 3.06 0.00	33.90 2.74 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.44 2.69 0.00	43.81 3.25 0.00	67.82 4.52 -15.22	51.29 4.04 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.60 2.74 0.00	32.12 2.30 0.00	30.35 1.85 0.00
FARRAGUT___LBMP 323566	33.05 1.99 -2.59	31.16 1.99 -0.73	30.39 1.90 -0.08	30.22 1.84 0.00	30.14 1.79 0.00	34.44 1.94 -3.98	47.75 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.87 2.71 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.40 2.65 0.00	43.77 3.20 0.00	67.82 4.52 -15.22	51.24 3.99 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.32 1.82 0.00
FENNER___WINDPWR 24204	29.55 0.57 -0.52	29.15 0.57 -0.15	28.96 0.54 -0.02	28.89 0.51 0.00	28.89 0.54 0.00	29.95 0.63 -0.80	38.42 0.89 -1.87	43.57 1.07 -2.71	37.57 0.95 -1.39	35.40 1.00 0.00	32.06 0.90 0.00	31.46 1.00 0.00	31.07 0.88 0.00	30.59 0.89 0.00	31.08 0.85 0.00	33.64 0.88 0.00	41.75 1.18 0.00	52.80 1.68 -3.04	47.54 1.38 -0.27	43.51 1.18 0.00	36.07 0.98 0.00	32.66 0.80 0.00	30.59 0.77 0.00	29.26 0.77 0.00
FIBERTEK___ENERGY 23856	28.92 -0.09 -0.54	28.51 -0.09 -0.15	28.31 -0.11 -0.02	28.24 -0.14 0.00	28.21 -0.14 0.00	29.30 -0.06 -0.83	37.43 -0.18 -1.95	42.37 -0.24 -2.83	36.53 -0.14 -1.43	34.34 -0.07 0.00	31.16 0.00 0.00	30.55 0.09 0.00	30.22 0.03 0.00	29.70 0.00 0.00	30.17 -0.06 0.00	32.65 -0.10 0.00	40.45 -0.12 0.00	51.58 0.34 -3.17	46.13 -0.05 -0.28	42.24 -0.08 0.00	34.95 -0.14 0.00	31.70 -0.16 0.00	29.82 0.00 0.00	28.52 0.03 0.00
FITZPATRICK____ 23598	28.10 -0.77 -0.40	27.78 -0.77 -0.11	27.62 -0.80 -0.01	27.56 -0.82 0.00	27.53 -0.82 0.00	28.34 -0.80 -0.61	35.96 -1.14 -1.44	40.52 -1.35 -2.08	35.13 -1.16 -1.06	33.34 -1.07 0.00	30.22 -0.93 0.00	29.63 -0.82 0.00	29.31 -0.88 0.00	28.81 -0.89 0.00	29.30 -0.94 0.00	31.70 -1.05 0.00	39.27 -1.30 0.00	49.21 -1.20 -2.34	44.68 -1.42 -0.21	40.93 -1.40 0.00	33.97 -1.12 0.00	30.78 -1.08 0.00	28.95 -0.87 0.00	27.84 -0.65 0.00
FLOWRFLD_69_KV_BK1 356044	42.07 2.68 -10.93	41.35 2.64 -10.27	37.83 2.56 -6.87	37.49 2.47 -6.64	38.36 2.44 -7.56	41.99 2.65 -10.81	48.47 3.46 -9.34	57.29 3.94 -13.56	45.71 3.56 -6.92	42.14 3.72 -4.02	37.67 3.30 -3.21	37.48 3.11 -3.92	37.44 3.14 -4.11	36.99 3.06 -4.23	38.02 3.14 -4.65	39.71 3.44 -3.52	48.00 4.18 -3.25	77.80 5.67 -24.05	67.38 5.09 -16.39	56.72 4.44 -9.95	44.82 3.65 -6.08	42.46 3.44 -7.16	40.92 2.98 -8.12	38.91 2.54 -7.88
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.15 2.05 -2.63	31.23 2.05 -0.74	30.45 1.96 -0.08	30.28 1.90 0.00	30.23 1.87 0.00	34.53 1.97 -4.04	47.97 2.82 -9.49	56.66 3.10 -13.77	44.87 2.68 -6.96	37.09 2.68 0.00	33.50 2.34 0.00	32.65 2.19 0.00	32.36 2.17 0.00	31.80 2.11 0.00	32.41 2.18 0.00	35.21 2.46 0.00	43.65 3.08 0.00	67.81 4.28 -15.45	51.12 3.86 -1.37	45.58 3.26 0.00	37.72 2.63 0.00	34.28 2.42 0.00	31.85 2.03 0.00	30.18 1.68 0.00
FORT ORANGE____ 23900	32.59 0.85 -3.27	30.21 0.85 -0.92	29.33 0.82 -0.10	29.17 0.79 0.00	29.24 0.88 0.00	34.57 1.03 -5.02	48.69 1.25 -11.78	58.20 1.31 -17.10	45.10 1.16 -8.71	35.44 1.03 0.00	31.97 0.81 0.00	31.09 0.64 0.00	30.91 0.72 0.00	30.47 0.77 0.00	31.08 0.85 0.00	33.80 1.05 0.00	41.87 1.30 0.00	68.91 1.68 -19.15	49.20 1.61 -1.70	43.68 1.35 0.00	36.21 1.12 0.00	33.17 1.31 0.00	30.86 1.04 0.00	29.29 0.80 0.00
FORT_DRUM_COGEN 23780	28.98 0.17 -0.34	28.73 0.20 -0.10	28.56 0.14 -0.01	28.46 0.09 0.00	28.50 0.14 0.00	29.38 0.34 -0.52	37.59 0.71 -1.22	42.55 0.99 -1.77	36.80 0.67 -0.90	34.95 0.55 0.00	31.50 0.34 0.00	31.00 0.55 0.00	30.58 0.39 0.00	30.08 0.39 0.00	30.57 0.33 0.00	33.18 0.43 0.00	41.42 0.85 0.00	51.60 1.54 -1.98	47.68 1.61 -0.18	43.72 1.40 0.00	36.07 0.98 0.00	32.53 0.67 0.00	30.42 0.60 0.00	29.01 0.51 0.00
FOX_HILLS___ESR 323835	33.46 2.39 -2.60	31.53 2.36 -0.73	30.79 2.30 -0.08	30.56 2.19 0.00	30.51 2.16 0.00	34.61 2.11 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	45.01 2.85 -6.92	37.47 3.06 0.00	33.96 2.80 0.00	33.10 2.65 0.00	32.85 2.66 0.00	32.28 2.58 0.00	32.89 2.66 0.00	35.57 2.82 0.00	43.94 3.37 0.00	67.86 4.57 -15.22	51.38 4.13 -1.35	45.88 3.56 0.00	37.97 2.88 0.00	34.82 2.96 0.00	32.35 2.53 0.00	30.63 2.14 0.00
FPL_FAR_ROCK_GT1 24212	42.24 2.85 -10.93	41.50 2.79 -10.27	37.97 2.70 -6.87	37.63 2.61 -6.64	38.50 2.58 -7.56	42.19 2.85 -10.81	48.82 3.82 -9.34	57.77 4.42 -13.56	46.00 3.84 -6.92	42.34 3.92 -4.02	37.98 3.61 -3.21	37.72 3.35 -3.92	37.68 3.38 -4.11	37.23 3.30 -4.23	38.27 3.39 -4.65	39.94 3.67 -3.52	48.20 4.38 -3.25	78.04 5.91 -24.05	67.56 5.32 -16.34	57.06 4.78 -9.95	44.96 3.79 -6.08	42.55 3.54 -7.16	41.10 3.16 -8.12	39.08 2.71 -7.88
FPL_FAR_ROCK_GT2 23815	42.24 2.85 -10.93	41.50 2.79 -10.27	37.97 2.70 -6.87	37.63 2.61 -6.64	38.50 2.58 -7.56	42.19 2.85 -10.81	48.82 3.82 -9.34	57.77 4.42 -13.56	46.00 3.84 -6.92	42.34 3.92 -4.02	37.98 3.61 -3.21	37.72 3.35 -3.92	37.68 3.38 -4.11	37.23 3.30 -4.23	38.27 3.39 -4.65	39.94 3.67 -3.52	48.20 4.38 -3.25	78.04 5.91 -24.05	67.56 5.32 -16.34	57.06 4.78 -9.95	44.96 3.79 -6.08	42.55 3.54 -7.16	41.10 3.16 -8.12	39.08 2.71 -7.88
FRANKLIN_FALL_HYD 24054	29.12 0.65 0.00	29.18 0.74 0.00	29.09 0.68 0.00	29.03 0.65 0.00	29.01 0.65 0.00	29.09 0.57 0.00	36.55 0.89 0.00	41.02 1.23 0.00	36.18 0.95 0.00	35.13 0.72 0.00	31.78 0.62 0.00	31.06 0.61 0.00	30.83 0.63 0.00	30.11 0.42 0.00	30.84 0.60 0.00	33.47 0.72 0.00	41.46 0.89 0.00	48.94 0.87 0.00	47.18 1.29 0.00	43.47 1.14 0.00	35.97 0.88 0.00	32.66 0.80 0.00	30.45 0.63 0.00	29.06 0.57 0.00
FREEPORT_EQUS_GT1 23764	41.90 2.51 -10.93	41.16 2.45 -10.27	37.66 2.39 -6.87	37.35 2.33 -6.64	38.22 2.30 -7.56	41.87 2.54 -10.81	48.36 3.35 -9.34	57.21 3.86 -13.56	45.57 3.42 -6.92	41.93 3.51 -4.02	37.58 3.21 -3.21	37.33 2.95 -3.92	37.32 3.02 -4.11	36.87 2.94 -4.23	37.90 3.02 -4.65	39.51 3.24 -3.52	47.72 3.89 -3.25	77.42 5.29 -24.05	66.97 4.73 -16.34	56.51 4.23 -9.95	44.54 3.37 -6.08	42.30 3.28 -7.16	40.71 2.77 -8.12	38.76 2.39 -7.88

FREEPORT___CT2 23818	41.90	41.16	37.66	37.35	38.22	41.87	48.36	57.21	45.57	41.93	37.58	37.33	37.32	36.87	37.90	39.51	47.72	77.42	66.97	56.51	44.54	42.30	40.71	38.76
	2.51	2.45	2.39	2.33	2.30	2.54	3.35	3.86	3.42	3.51	3.21	2.95	3.02	2.94	3.02	3.24	3.89	5.29	4.73	4.23	3.37	3.28	2.77	2.39
	-10.93	-10.27	-6.87	-6.64	-7.56	-10.81	-9.34	-13.56	-6.92	-4.02	-3.21	-3.92	-4.11	-4.23	-4.65	-3.52	-3.25	-24.05	-16.34	-9.95	-6.08	-7.16	-8.12	-7.88
FRESHKLS_33_KV_LOAD 356253	33.63	31.73	30.96	30.76	30.68	34.73	47.43	56.38	44.76	37.23	33.87	33.01	32.76	32.16	32.83	35.50	43.69	67.62	51.10	45.67	37.76	34.89	32.44	30.77
	2.56	2.56	2.47	2.38	2.33	2.22	2.43	3.02	2.61	2.82	2.71	2.56	2.57	2.46	2.60	2.75	3.12	4.33	3.86	3.34	2.67	3.03	2.62	2.28
	-2.60	-0.73	-0.08	0.00	0.00	-3.98	-9.35	-13.57	-6.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.22	-1.35	0.00	0.00	0.00	0.00	0.00
FULTON COGEN____ 23766	28.51	28.17	27.97	27.90	27.87	28.85	36.77	41.52	35.90	33.89	30.72	30.12	29.80	29.28	29.75	32.19	39.88	50.48	45.50	41.69	34.49	31.29	29.43	28.18
	-0.43	-0.40	-0.45	-0.48	-0.48	-0.40	-0.61	-0.76	-0.60	-0.52	-0.44	-0.33	-0.39	-0.42	-0.48	-0.56	-0.69	-0.38	-0.64	-0.63	-0.60	-0.57	-0.39	-0.31
	-0.47	-0.13	-0.01	0.00	0.00	-0.73	-1.71	-2.49	-1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.79	-0.25	0.00	0.00	0.00	0.00	0.00
FULTON___LFGE 323630	34.46	31.58	30.46	30.31	30.77	37.19	53.73	64.79	49.86	38.19	34.30	33.41	33.06	32.28	32.95	36.03	44.83	76.71	53.14	46.81	38.67	34.89	32.38	30.38
	2.02	2.02	1.93	1.93	2.41	2.57	3.74	4.22	4.05	3.78	3.15	2.95	2.87	2.58	2.72	3.27	4.26	5.38	5.18	4.48	3.58	3.03	2.56	1.88
	-3.97	-1.12	-0.12	0.00	0.00	-6.10	-14.32	-20.79	-10.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-23.25	-2.06	0.00	0.00	0.00	0.00	0.00
G.F.CEMENT___DRP 24184	33.46	31.02	30.07	29.88	30.14	35.58	50.58	60.36	47.00	36.92	33.31	32.31	32.06	31.51	32.11	34.75	43.00	71.12	50.74	44.70	37.13	33.61	31.64	29.98
	1.59	1.62	1.56	1.50	1.79	1.83	2.64	2.75	2.71	2.51	2.15	1.86	1.87	1.81	1.87	2.00	2.43	3.12	3.08	2.37	2.04	1.75	1.82	1.48
	-3.40	-0.96	-0.10	0.00	0.00	-5.23	-12.28	-17.83	-9.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.91	-1.76	0.00	0.00	0.00	0.00	0.00
GARDENVILLE___LBMP 24039	27.67	27.13	27.15	27.10	27.08	28.56	36.73	41.51	35.82	34.16	31.07	30.82	30.46	29.82	30.14	32.26	40.08	51.77	44.89	42.07	34.56	30.93	29.94	28.32
	-1.51	-1.51	-1.28	-1.28	-1.28	-1.06	-1.50	-1.99	-1.30	-0.24	-0.09	0.37	0.27	0.12	-0.09	-0.49	-0.49	-0.48	-1.38	-0.25	-0.53	-0.92	0.12	-0.17
	-0.71	-0.20	-0.02	0.00	0.00	-1.09	-2.56	-3.72	-1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.17	-0.37	0.00	0.00	0.00	0.00	0.00
GARDNVLA_35_KV_LD 355827	27.78	27.25	27.29	27.22	27.19	28.67	36.87	41.67	36.00	34.34	31.22	31.00	30.61	29.99	30.29	32.46	40.32	52.00	45.07	42.28	34.78	31.09	30.09	28.47
	-1.39	-1.39	-1.14	-1.16	-1.16	-0.94	-1.36	-1.83	-1.13	-0.07	0.06	0.55	0.42	0.30	0.06	-0.29	-0.24	-0.24	-1.19	-0.04	-0.32	-0.76	0.27	-0.03
	-0.71	-0.20	-0.02	0.00	0.00	-1.09	-2.56	-3.71	-1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.17	-0.37	0.00	0.00	0.00	0.00	0.00
GELCKHM___115KV_LOAD 80723	28.70	28.30	28.11	28.04	28.02	29.06	37.07	41.94	36.19	34.06	30.91	30.30	29.98	29.49	29.93	32.39	40.12	51.02	45.75	41.90	34.67	31.44	29.58	28.32
	-0.28	-0.28	-0.31	-0.34	-0.34	-0.26	-0.46	-0.56	-0.42	-0.34	-0.25	-0.15	-0.21	-0.21	-0.30	-0.36	-0.45	-0.10	-0.41	-0.42	-0.42	-0.41	-0.24	-0.17
	-0.52	-0.15	-0.02	0.00	0.00	-0.80	-1.87	-2.71	-1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.04	-0.27	0.00	0.00	0.00	0.00	0.00
GENERAL___MILLS 23808	27.72	27.19	27.24	27.19	27.14	28.61	36.80	41.59	35.93	34.27	31.16	30.91	30.55	29.90	30.23	32.36	40.20	51.86	44.98	42.20	34.71	31.03	30.03	28.44
	-1.45	-1.45	-1.19	-1.19	-1.22	-1.00	-1.43	-1.91	-1.20	-0.14	0.00	0.46	0.36	0.21	0.00	-0.39	-0.37	-0.38	-1.29	-0.13	-0.39	-0.83	0.21	-0.06
	-0.71	-0.20	-0.02	0.00	0.00	-1.09	-2.56	-3.71	-1.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.17	-0.37	0.00	0.00	0.00	0.00	0.00
GE_PLASTICS___DRP 24183	32.65	30.27	29.41	29.26	29.24	34.52	48.79	58.36	45.24	35.57	32.16	31.31	31.10	30.65	31.23	33.90	41.95	69.11	49.30	43.60	36.28	33.04	30.74	29.21
	0.91	0.91	0.91	0.88	0.88	0.97	1.32	1.43	1.27	1.17	1.00	0.85	0.91	0.95	1.00	1.15	1.38	1.83	1.70	1.27	1.19	1.18	0.92	0.71
	-3.27	-0.92	-0.10	0.00	0.00	-5.03	-11.81	-17.14	-8.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-19.20	-1.70	0.00	0.00	0.00	0.00	0.00
GILBOA___1 23756	32.07	30.13	29.51	29.37	29.24	33.65	46.64	55.18	43.67	35.71	32.31	31.49	31.28	30.80	31.35	33.96	41.99	65.72	49.03	43.89	36.39	33.07	30.86	29.35
	0.94	0.94	1.02	0.99	0.88	1.03	1.35	1.43	1.30	1.31	1.15	1.04	1.09	1.10	1.12	1.21	1.42	1.97	1.74	1.57	1.30	1.21	1.04	0.85
	-2.67	-0.75	-0.08	0.00	0.00	-4.10	-9.62	-13.97	-7.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.67	-1.39	0.00	0.00	0.00	0.00	0.00
GILBOA___2 23757	32.07	30.13	29.51	29.37	29.24	33.65	46.64	55.18	43.67	35.71	32.31	31.49	31.28	30.80	31.35	33.96	41.99	65.72	49.03	43.89	36.39	33.07	30.86	29.35
	0.94	0.94	1.02	0.99	0.88	1.03	1.35	1.43	1.30	1.31	1.15	1.04	1.09	1.10	1.12	1.21	1.42	1.97	1.74	1.57	1.30	1.21	1.04	0.85
	-2.67	-0.75	-0.08	0.00	0.00	-4.10	-9.62	-13.97	-7.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.67	-1.39	0.00	0.00	0.00	0.00	0.00
GILBOA___3 23758	32.07	30.13	29.51	29.37	29.24	33.65	46.64	55.18	43.67	35.71	32.31	31.49	31.28	30.80	31.35	33.96	41.99	65.72	49.03	43.89	36.39	33.07	30.86	29.35
	0.94	0.94	1.02	0.99	0.88	1.03	1.35	1.43	1.30	1.31	1.15	1.04	1.09	1.10	1.12	1.21	1.42	1.97	1.74	1.57	1.30	1.21	1.04	0.85
	-2.67	-0.75	-0.08	0.00	0.00	-4.10	-9.62	-13.97	-7.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.67	-1.39	0.00	0.00	0.00	0.00	0.00
GILBOA___4 23759	32.07	30.13	29.51	29.37	29.24	33.65	46.64	55.18	43.67	35.71	32.31	31.49	31.28	30.80	31.35	33.96	41.99	65.72	49.03	43.89	36.39	33.07	30.86	29.35
	0.94	0.94	1.02	0.99	0.88	1.03	1.35	1.43	1.30	1.31	1.15	1.04	1.09	1.10	1.12	1.21	1.42	1.97	1.74	1.57	1.30	1.21	1.04	0.85
	-2.67	-0.75	-0.08	0.00	0.00	-4.10	-9.62	-13.97	-7.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.67	-1.39	0.00	0.00	0.00	0.00	0.00
GILBOA_____ 23599	32.07	30.13	29.51	29.37	29.24	33.59	46.64	55.18	43.66	35.71	32.31	31.52	31.28	30.80	31.35	33.96	41.99	65.72	49.03	43.72	36.39	33.07	30.86	29.32
	0.94	0.94	1.02	0.99	0.88	0.97	1.36	1.43	1.30	1.31	1.15	1.07	1.09	1.10	1.12	1.21	1.42	1.97	1.74	1.40	1.30	1.21	1.04	0.83
	-2.67	-0.75	-0.08	0.00	0.00	-4.10	-9.62	-13.97	-7.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.67	-1.39	0.00	0.00	0.00	0.00	0.00

GINNA____ 23603	27.33 -1.74 -0.60	26.87 -1.74 -0.17	26.44 -1.99 -0.02	26.48 -1.90 0.00	26.40 -1.96 0.00	27.79 -1.66 -0.92	35.75 -2.07 -2.16	40.45 -2.47 -3.13	34.87 -1.97 -1.61	32.61 -1.79 0.00	29.60 -1.56 0.00	29.30 -1.16 0.00	28.80 -1.39 0.00	28.27 -1.42 0.00	28.66 -1.57 0.00	30.95 -1.80 0.00	38.38 -2.19 0.00	49.96 -1.63 -3.51	43.82 -2.39 -0.31	39.74 -2.58 0.00	33.09 -2.00 0.00	29.79 -2.07 0.00	28.33 -1.49 0.00	27.01 -1.48 0.00
GLEN PARK____ 23778	29.06 0.26 -0.34	28.79 0.26 -0.10	28.62 0.20 -0.01	28.52 0.14 0.00	28.56 0.20 0.00	29.42 0.37 -0.52	37.75 0.85 -1.23	42.73 1.15 -1.79	36.95 0.81 -0.91	35.09 0.69 0.00	31.59 0.44 0.00	31.12 0.67 0.00	30.67 0.48 0.00	30.20 0.50 0.00	30.66 0.42 0.00	33.27 0.52 0.00	41.58 1.01 0.00	51.86 1.78 -2.00	47.91 1.84 -0.18	43.85 1.52 0.00	36.25 1.16 0.00	32.69 0.83 0.00	30.53 0.71 0.00	29.12 0.63 0.00
GLENDALE_27_KV_LOAD 356172	33.28 2.22 -2.59	31.39 2.22 -0.73	30.62 2.13 -0.08	30.42 2.04 0.00	30.34 1.98 0.00	34.56 2.05 -3.98	47.86 2.85 -9.35	56.81 3.46 -13.57	45.19 3.03 -6.92	37.64 3.23 0.00	34.03 2.87 0.00	33.20 2.74 0.00	32.91 2.72 0.00	32.34 2.64 0.00	32.95 2.72 0.00	35.60 2.85 0.00	44.06 3.49 0.00	68.01 4.71 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.07 2.98 0.00	34.76 2.90 0.00	32.26 2.45 0.00	30.49 1.99 0.00
GLENWOOD_IC_1_G5 23712	41.93 2.53 -10.93	41.18 2.47 -10.27	37.69 2.41 -6.87	37.35 2.33 -6.64	38.22 2.30 -7.56	41.82 2.48 -10.81	48.39 3.39 -9.34	57.29 3.94 -13.56	45.61 3.45 -6.92	42.00 3.58 -4.02	37.61 3.24 -3.21	37.45 3.08 -3.92	37.35 3.05 -4.11	36.93 3.00 -4.23	37.93 3.05 -4.65	39.54 3.28 -3.52	47.92 4.10 -3.25	77.61 5.48 -24.05	67.20 4.96 -16.34	56.59 4.32 -9.95	44.68 3.51 -6.08	42.30 3.28 -7.16	40.71 2.77 -8.12	38.71 2.34 -7.88
GLENWOOD_IC_2_G1 23688	41.87 2.48 -10.93	41.13 2.42 -10.27	37.63 2.36 -6.87	37.29 2.27 -6.64	38.16 2.24 -7.56	41.85 2.51 -10.81	48.29 3.28 -9.34	57.17 3.82 -13.56	45.54 3.38 -6.92	41.93 3.51 -4.02	37.55 3.18 -3.21	37.30 2.92 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.84 2.96 -4.65	39.44 3.18 -3.52	47.75 3.93 -3.25	77.46 5.34 -24.05	67.01 4.77 -16.34	56.55 4.27 -9.95	44.57 3.40 -6.08	42.20 3.19 -7.16	40.65 2.71 -8.12	38.71 2.34 -7.88
GLENWOOD_IC_3_G1 23689	41.87 2.48 -10.93	41.13 2.42 -10.27	37.63 2.36 -6.87	37.29 2.27 -6.64	38.16 2.24 -7.56	41.85 2.51 -10.81	48.29 3.28 -9.34	57.17 3.82 -13.56	45.54 3.38 -6.92	41.93 3.51 -4.02	37.55 3.18 -3.21	37.30 2.92 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.84 2.96 -4.65	39.44 3.18 -3.52	47.75 3.93 -3.25	77.46 5.34 -24.05	67.01 4.77 -16.34	56.55 4.27 -9.95	44.57 3.40 -6.08	42.20 3.19 -7.16	40.65 2.71 -8.12	38.71 2.34 -7.88
GLENWOOD____4 23550	41.93 2.53 -10.93	41.18 2.47 -10.27	37.69 2.41 -6.87	37.35 2.33 -6.64	38.22 2.30 -7.56	41.82 2.48 -10.81	48.39 3.39 -9.34	57.29 3.94 -13.56	45.61 3.45 -6.92	42.00 3.58 -4.02	37.61 3.24 -3.21	37.45 3.08 -3.92	37.35 3.05 -4.11	36.93 3.00 -4.23	37.93 3.05 -4.65	39.54 3.28 -3.52	47.92 4.10 -3.25	77.61 5.48 -24.05	67.20 4.96 -16.34	56.59 4.32 -9.95	44.68 3.51 -6.08	42.30 3.28 -7.16	40.71 2.77 -8.12	38.71 2.34 -7.88
GLENWOOD____5 23614	41.93 2.53 -10.93	41.18 2.47 -10.27	37.69 2.41 -6.87	37.35 2.33 -6.64	38.22 2.30 -7.56	41.82 2.48 -10.81	48.39 3.39 -9.34	57.29 3.94 -13.56	45.61 3.45 -6.92	42.00 3.58 -4.02	37.61 3.24 -3.21	37.45 3.08 -3.92	37.35 3.05 -4.11	36.93 3.00 -4.23	37.93 3.05 -4.65	39.54 3.28 -3.52	47.92 4.10 -3.25	77.61 5.48 -24.05	67.20 4.96 -16.34	56.59 4.32 -9.95	44.68 3.51 -6.08	42.30 3.28 -7.16	40.71 2.77 -8.12	38.71 2.34 -7.88
GLOBAL GREEN_PORT_GT1 23814	42.96 3.56 -10.93	42.15 3.44 -10.27	38.57 3.29 -6.87	38.26 3.23 -6.64	39.15 3.23 -7.56	42.90 3.56 -10.81	49.79 4.78 -9.34	58.72 5.37 -13.56	46.91 4.75 -6.92	43.14 4.71 -4.02	38.67 4.30 -3.21	38.36 3.99 -3.92	38.29 3.98 -4.11	37.82 3.89 -4.23	38.96 4.08 -4.65	40.82 4.55 -3.52	49.66 5.84 -3.25	79.92 7.79 -24.05	69.35 7.07 -16.38	58.58 6.31 -9.95	46.19 5.02 -6.08	43.63 4.62 -7.16	41.90 3.97 -8.12	39.82 3.45 -7.88
GLOBE____DSASP 323697	27.10 -2.05 -0.68	26.67 -1.96 -0.19	26.35 -2.07 -0.02	26.31 -2.07 0.00	26.29 -2.07 0.00	27.95 -1.63 -1.05	35.77 -2.35 -2.46	40.21 -3.14 -3.57	34.83 -2.22 -1.82	32.89 -1.51 0.00	29.91 -1.25 0.00	29.66 -0.79 0.00	29.35 -0.85 0.00	28.75 -0.95 0.00	29.05 -1.18 0.00	31.11 -1.64 0.00	38.50 -2.07 0.00	50.01 -2.07 -4.01	43.50 -2.75 -0.35	40.38 -1.95 0.00	33.23 -1.86 0.00	29.72 -2.13 0.00	28.89 -0.92 0.00	27.36 -1.14 0.00
GOETHSLN____LBMP 323567	32.91 1.85 -2.59	31.02 1.85 -0.73	30.25 1.76 -0.08	30.08 1.70 0.00	30.00 1.64 0.00	34.33 1.83 -3.98	47.58 2.57 -9.35	56.46 3.10 -13.57	44.80 2.64 -6.92	37.29 2.89 0.00	33.74 2.59 0.00	32.86 2.41 0.00	32.61 2.42 0.00	32.04 2.35 0.00	32.65 2.42 0.00	35.24 2.49 0.00	43.53 2.96 0.00	67.53 4.23 -15.22	51.01 3.76 -1.35	45.54 3.22 0.00	37.72 2.63 0.00	34.44 2.58 0.00	31.97 2.15 0.00	30.20 1.71 0.00
GOLAH____69_KV_TB 1_2 80279	28.34 -0.74 -0.62	27.99 -0.63 -0.17	27.57 -0.85 -0.02	27.58 -0.79 0.00	27.56 -0.79 0.00	29.16 -0.31 -0.95	37.29 -0.61 -2.23	41.99 -1.03 -3.24	36.36 -0.53 -1.65	34.27 -0.14 0.00	31.13 -0.03 0.00	30.79 0.33 0.00	30.37 0.18 0.00	29.73 0.03 0.00	30.08 -0.15 0.00	32.39 -0.36 0.00	40.16 -0.41 0.00	52.19 0.48 -3.63	45.76 -0.46 -0.32	42.24 -0.08 0.00	34.78 -0.32 0.00	31.22 -0.64 0.00	29.91 0.09 0.00	28.44 -0.06 0.00
GOODYEAR_LAKE_HYD 323669	30.39 1.08 -0.84	29.76 1.08 -0.24	29.54 1.11 -0.03	29.43 1.05 0.00	29.38 1.02 0.00	31.05 1.23 -1.30	40.56 1.85 -3.04	46.31 2.11 -4.42	39.34 1.87 -2.25	36.37 1.96 0.00	32.90 1.74 0.00	32.22 1.77 0.00	31.85 1.66 0.00	31.33 1.63 0.00	31.80 1.57 0.00	34.42 1.67 0.00	42.72 2.15 0.00	56.04 3.03 -4.93	49.04 2.71 -0.44	44.70 2.37 0.00	36.99 1.89 0.00	33.48 1.62 0.00	31.28 1.46 0.00	29.72 1.23 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.75 0.17 -1.11	28.92 0.17 -0.31	28.70 0.26 -0.03	28.61 0.23 0.00	28.55 0.20 0.00	30.54 0.31 -1.71	40.10 0.43 -4.00	46.00 0.40 -5.81	38.59 0.39 -2.97	35.06 0.65 0.00	31.88 0.72 0.00	31.28 0.82 0.00	30.92 0.72 0.00	30.38 0.68 0.00	30.84 0.60 0.00	33.31 0.56 0.00	41.34 0.77 0.00	55.89 1.30 -6.52	47.30 0.83 -0.58	43.26 0.93 0.00	35.76 0.67 0.00	32.37 0.51 0.00	30.48 0.66 0.00	29.04 0.54 0.00
GOUDEY____7 23579	29.78 0.20 -1.11	28.95 0.20 -0.31	28.72 0.28 -0.03	28.61 0.23 0.00	28.55 0.20 0.00	30.57 0.34 -1.71	40.13 0.46 -4.00	46.04 0.44 -5.81	38.63 0.42 -2.97	35.09 0.69 0.00	31.91 0.75 0.00	31.31 0.85 0.00	30.98 0.78 0.00	30.41 0.71 0.00	30.87 0.63 0.00	33.34 0.59 0.00	41.38 0.81 0.00	55.94 1.35 -6.52	47.35 0.87 -0.58	43.30 0.97 0.00	35.79 0.70 0.00	32.40 0.54 0.00	30.51 0.69 0.00	29.04 0.54 0.00

GOUDEY___8 23580	29.75 0.17 -1.11	28.92 0.17 -0.31	28.70 0.26 -0.03	28.61 0.23 0.00	28.55 0.20 0.00	30.54 0.31 -1.71	40.10 0.43 -4.00	46.00 0.40 -5.81	38.59 0.39 -2.97	35.06 0.65 0.00	31.88 0.72 0.00	31.28 0.82 0.00	30.92 0.72 0.00	30.38 0.68 0.00	30.84 0.60 0.00	33.31 0.56 0.00	41.34 0.77 0.00	55.89 1.30 -6.52	47.30 0.83 -0.58	43.26 0.93 0.00	35.76 0.67 0.00	32.37 0.51 0.00	30.48 0.66 0.00	29.04 0.54 0.00
GOWANUS_GT1_1 24077	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT1_2 24078	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT1_3 24079	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT1_4 24080	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT1_5 24084	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT1_6 24111	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT1_7 24112	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT1_8 24113	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT2_1 24114	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT2_2 24115	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT2_3 24116	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT2_4 24117	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT2_5 24118	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT2_6 24119	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00

GOWANUS_GT2_7 24120	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT2_8 24121	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT3_1 24122	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT3_2 24123	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT3_3 24124	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT3_4 24125	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT3_5 24126	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT3_6 24127	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT3_7 24128	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT3_8 24129	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
GOWANUS_GT4_1 24130	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT4_2 24131	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT4_3 24132	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT4_4 24133	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT4_5 24134	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00

GOWANUS_GT4_6 24135	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT4_7 24136	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GOWANUS_GT4_8 24137	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GREENBSH_115KV_TB3 55895	32.55 0.80 -3.29	30.16 0.80 -0.93	29.27 0.77 -0.10	29.12 0.74 0.00	29.15 0.79 0.00	34.43 0.86 -5.05	48.73 1.21 -11.86	58.27 1.27 -17.21	45.16 1.16 -8.77	35.44 1.03 0.00	32.00 0.84 0.00	31.15 0.70 0.00	30.95 0.75 0.00	30.50 0.80 0.00	31.11 0.88 0.00	33.77 1.02 0.00	41.83 1.26 0.00	68.98 1.63 -19.27	49.12 1.51 -1.71	43.43 1.10 0.00	36.14 1.05 0.00	32.91 1.05 0.00	30.65 0.83 0.00	29.06 0.57 0.00
GREENDGE_115KV_TB5 80291	29.13 -0.11 -0.78	28.57 -0.09 -0.22	28.35 -0.09 -0.02	28.27 -0.11 0.00	28.24 -0.11 0.00	29.92 0.20 -1.19	38.75 0.29 -2.80	43.69 -0.16 -4.07	37.67 0.35 -2.08	35.13 0.72 0.00	31.94 0.78 0.00	31.46 1.00 0.00	31.04 0.85 0.00	30.47 0.77 0.00	30.90 0.67 0.00	33.01 0.26 0.00	41.01 0.45 0.00	53.89 1.25 -4.56	46.81 0.50 -0.40	43.09 0.76 0.00	35.48 0.39 0.00	32.18 0.32 0.00	30.56 0.75 0.00	29.04 0.54 0.00
GREENIDGE___3 23582	29.13 -0.11 -0.78	28.57 -0.09 -0.22	28.35 -0.09 -0.02	28.27 -0.11 0.00	28.24 -0.11 0.00	29.92 0.20 -1.19	38.75 0.29 -2.80	43.69 -0.16 -4.07	37.67 0.35 -2.08	35.13 0.72 0.00	31.94 0.78 0.00	31.46 1.00 0.00	31.04 0.85 0.00	30.47 0.77 0.00	30.90 0.67 0.00	33.01 0.26 0.00	41.01 0.45 0.00	53.89 1.25 -4.56	46.81 0.50 -0.40	43.09 0.76 0.00	35.48 0.39 0.00	32.18 0.32 0.00	30.56 0.75 0.00	29.04 0.54 0.00
GREENIDGE___4 23583	29.21 -0.03 -0.78	28.57 -0.09 -0.22	28.35 -0.08 -0.02	28.27 -0.11 0.00	28.27 -0.08 0.00	29.80 0.09 -1.19	38.75 0.28 -2.80	43.70 -0.16 -4.07	37.67 0.35 -2.08	35.13 0.72 0.00	31.94 0.78 0.00	31.55 1.09 0.00	31.04 0.84 0.00	30.47 0.77 0.00	30.90 0.66 0.00	33.01 0.26 0.00	41.02 0.45 0.00	53.89 1.25 -4.56	46.81 0.51 -0.40	42.66 0.34 0.00	35.48 0.39 0.00	32.24 0.38 0.00	30.56 0.75 0.00	29.09 0.60 0.00
GREENLWN_69_KV_BK 3 55738	41.79 2.39 -10.93	41.13 2.42 -10.27	37.63 2.36 -6.87	37.32 2.30 -6.64	38.16 2.24 -7.56	41.73 2.40 -10.81	47.97 2.96 -9.34	56.77 3.42 -13.56	45.22 3.07 -6.92	41.83 3.41 -4.02	37.36 2.99 -3.21	37.23 2.86 -3.92	37.17 2.87 -4.11	36.75 2.82 -4.23	37.69 2.81 -4.65	39.15 2.88 -3.52	47.39 3.57 -3.25	76.98 4.86 -24.05	66.59 4.36 -16.33	56.04 3.77 -9.95	44.26 3.09 -6.08	41.91 2.90 -7.16	40.38 2.45 -8.12	38.48 2.11 -7.88
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00
GRISSOM___SOLAR 323813	34.46 2.02 -3.97	31.58 2.02 -1.12	30.46 1.93 -0.12	30.31 1.93 0.00	30.77 2.41 0.00	37.19 2.57 -6.10	53.73 3.74 -14.32	64.79 4.22 -20.79	49.86 4.05 -10.57	38.19 3.78 0.00	34.30 3.15 0.00	33.41 2.95 0.00	33.06 2.87 0.00	32.28 2.58 0.00	32.95 2.72 0.00	36.03 3.27 0.00	44.83 4.26 0.00	76.71 5.38 -23.25	53.14 5.18 -2.06	46.81 4.48 0.00	38.67 3.58 0.00	34.89 3.03 0.00	32.38 2.56 0.00	30.38 1.88 0.00
GROVEVILLE___HYD 323602	33.15 2.05 -2.63	31.23 2.05 -0.74	30.45 1.96 -0.08	30.28 1.90 0.00	30.23 1.87 0.00	34.53 1.97 -4.04	47.97 2.82 -9.49	56.66 3.10 -13.77	44.87 2.68 -6.96	37.09 2.68 0.00	33.50 2.34 0.00	32.65 2.19 0.00	32.36 2.17 0.00	31.80 2.11 0.00	32.41 2.18 0.00	35.21 2.46 0.00	43.65 3.08 0.00	67.81 4.28 -15.45	51.12 3.86 -1.37	45.58 3.26 0.00	37.72 2.63 0.00	34.28 2.42 0.00	31.85 2.03 0.00	30.18 1.68 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.92 -0.09 -0.54	28.51 -0.09 -0.15	28.31 -0.11 -0.02	28.24 -0.14 0.00	28.21 -0.14 0.00	29.30 -0.06 -0.83	37.43 -0.18 -1.95	42.37 -0.24 -2.83	36.53 -0.14 -1.43	34.34 -0.07 0.00	31.16 0.00 0.00	30.55 0.09 0.00	30.22 0.03 0.00	29.70 0.00 0.00	30.17 -0.06 0.00	32.65 -0.10 0.00	40.45 -0.12 0.00	51.58 0.34 -3.17	46.13 -0.05 -0.28	42.24 -0.08 0.00	34.95 -0.14 0.00	31.70 -0.16 0.00	29.82 0.00 0.00	28.52 0.03 0.00
HAMLTNNY_34_KV_TB 80303	28.94 -0.09 -0.56	28.54 -0.06 -0.16	28.31 -0.11 -0.02	28.24 -0.14 0.00	28.21 -0.14 0.00	29.38 0.00 -0.86	37.57 -0.11 -2.01	42.55 -0.16 -2.92	36.64 -0.07 -1.48	34.44 0.03 0.00	31.25 0.09 0.00	30.64 0.18 0.00	30.31 0.12 0.00	29.79 0.09 0.00	30.23 0.00 0.00	32.72 -0.03 0.00	40.57 0.00 0.00	51.88 0.53 -3.28	46.28 0.09 -0.29	42.41 0.08 0.00	35.06 -0.04 0.00	31.76 -0.10 0.00	29.91 0.09 0.00	28.58 0.09 0.00
HAMPSHIRE___PAPER_HYD 323593	28.69 0.09 -0.14	28.62 0.14 -0.04	28.53 0.11 0.00	28.49 0.11 0.00	28.47 0.11 0.00	28.85 0.11 -0.21	36.59 0.43 -0.50	41.19 0.68 -0.73	36.06 0.46 -0.37	34.71 0.31 0.00	31.41 0.25 0.00	30.76 0.30 0.00	30.43 0.24 0.00	29.82 0.12 0.00	30.38 0.15 0.00	32.95 0.20 0.00	40.93 0.36 0.00	49.18 0.29 -0.81	46.66 0.69 -0.07	42.92 0.59 0.00	35.55 0.45 0.00	32.14 0.29 0.00	30.00 0.18 0.00	28.61 0.11 0.00
HARDSCRABBLE_WT_PWR 323673	29.42 0.88 -0.07	29.31 0.85 -0.02	29.20 0.79 0.00	29.12 0.74 0.00	29.09 0.74 0.00	29.43 0.80 -0.11	36.98 1.07 -0.25	41.34 1.19 -0.36	36.47 1.06 -0.18	35.44 1.03 0.00	32.09 0.93 0.00	31.43 0.97 0.00	31.13 0.94 0.00	30.68 0.98 0.00	31.20 0.97 0.00	33.87 1.11 0.00	42.07 1.50 0.00	50.35 1.87 -0.41	47.72 1.79 -0.04	43.97 1.65 0.00	36.50 1.41 0.00	33.17 1.31 0.00	31.07 1.25 0.00	29.75 1.25 0.00

HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.71 1.82 -2.42	30.94 1.82 -0.68	30.21 1.73 -0.07	30.05 1.67 0.00	29.97 1.62 0.00	34.03 1.80 -3.71	46.95 2.57 -8.72	55.35 2.90 -12.66	44.12 2.43 -6.46	36.88 2.48 0.00	33.37 2.21 0.00	32.53 2.07 0.00	32.27 2.08 0.00	31.72 2.02 0.00	32.32 2.09 0.00	35.01 2.26 0.00	43.41 2.84 0.00	66.37 4.09 -14.20	50.78 3.63 -1.26	45.42 3.09 0.00	37.55 2.46 0.00	34.15 2.29 0.00	31.73 1.91 0.00	30.06 1.57 0.00
HARSNRAD_115KV_TB1 81005	27.46 -1.68 -0.68	27.01 -1.62 -0.19	26.78 -1.65 -0.02	26.73 -1.65 0.00	26.68 -1.67 0.00	28.34 -1.23 -1.04	36.29 -1.82 -2.44	40.86 -2.47 -3.54	35.38 -1.66 -1.81	33.54 -0.86 0.00	30.50 -0.65 0.00	30.27 -0.18 0.00	29.92 -0.27 0.00	29.28 -0.42 0.00	29.60 -0.63 0.00	31.74 -1.02 0.00	39.35 -1.22 0.00	50.99 -1.06 -3.97	44.32 -1.93 -0.35	41.27 -1.06 0.00	33.93 -1.16 0.00	30.33 -1.53 0.00	29.43 -0.39 0.00	27.87 -0.63 0.00
HARZA MOOSE__RIVER 24016	29.13 0.48 -0.18	29.00 0.51 -0.05	28.90 0.48 -0.01	28.83 0.45 0.00	28.81 0.45 0.00	29.37 0.57 -0.28	37.28 0.96 -0.65	41.96 1.23 -0.94	36.74 1.02 -0.48	35.37 0.96 0.00	31.97 0.81 0.00	31.31 0.85 0.00	30.95 0.75 0.00	30.44 0.74 0.00	30.99 0.76 0.00	33.57 0.82 0.00	41.74 1.18 0.00	50.67 1.54 -1.06	47.55 1.56 -0.09	43.68 1.35 0.00	36.14 1.05 0.00	32.69 0.83 0.00	30.56 0.75 0.00	29.15 0.66 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.69 -0.28 -0.51	28.30 -0.28 -0.14	28.11 -0.31 -0.02	28.04 -0.34 0.00	28.02 -0.34 0.00	29.05 -0.26 -0.79	37.01 -0.50 -1.85	41.87 -0.60 -2.68	36.14 -0.46 -1.37	34.06 -0.34 0.00	30.91 -0.25 0.00	30.30 -0.15 0.00	30.01 -0.18 0.00	29.49 -0.21 0.00	29.96 -0.27 0.00	32.36 -0.39 0.00	40.08 -0.49 0.00	50.94 -0.14 -3.01	45.71 -0.46 -0.27	41.86 -0.47 0.00	34.63 -0.46 0.00	31.44 -0.41 0.00	29.61 -0.21 0.00	28.35 -0.14 0.00
HELLGATE_13_KV_LD 55870	33.16 2.11 -2.59	31.30 2.13 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.41 1.91 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.97 2.82 -6.92	37.43 3.03 0.00	33.87 2.71 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.62 4.33 -15.22	51.10 3.86 -1.35	45.67 3.34 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.38 1.88 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.16 2.11 -2.59	31.30 2.13 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.41 1.91 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.97 2.82 -6.92	37.43 3.03 0.00	33.87 2.71 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.62 4.33 -15.22	51.10 3.86 -1.35	45.67 3.34 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.38 1.88 0.00
HEMPSTEAD____ 23647	41.76 2.36 -10.93	41.01 2.30 -10.27	37.52 2.24 -6.87	37.21 2.19 -6.64	38.08 2.15 -7.56	41.73 2.40 -10.81	48.18 3.17 -9.34	57.01 3.66 -13.56	45.39 3.24 -6.92	41.80 3.37 -4.02	37.43 3.06 -3.21	37.20 2.83 -3.92	37.17 2.87 -4.11	36.72 2.79 -4.23	37.75 2.87 -4.65	39.35 3.08 -3.52	47.59 3.77 -3.25	77.27 5.15 -24.05	66.83 4.59 -16.34	56.38 4.10 -9.95	44.43 3.26 -6.08	42.11 3.09 -7.16	40.53 2.59 -8.12	38.60 2.22 -7.88
HEWLETT__69_KV_BK3 55828	42.02 2.62 -10.93	41.30 2.59 -10.27	37.80 2.53 -6.87	37.46 2.44 -6.64	38.30 2.38 -7.56	41.93 2.60 -10.81	48.54 3.53 -9.34	57.45 4.10 -13.56	45.71 3.56 -6.92	42.11 3.68 -4.02	37.71 3.33 -3.21	37.54 3.17 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.05 3.17 -4.65	39.64 3.37 -3.52	47.96 4.14 -3.25	77.70 5.58 -24.05	67.24 5.00 -16.34	56.72 4.44 -9.95	44.75 3.58 -6.08	42.36 3.35 -7.16	40.86 2.92 -8.12	38.82 2.45 -7.88
HICKLING__1 23621	29.17 -0.23 -0.93	28.45 -0.26 -0.26	28.38 -0.06 -0.03	28.29 -0.09 0.00	28.27 -0.09 0.00	30.04 0.09 -1.44	39.18 0.14 -3.37	44.60 -0.08 -4.89	37.77 0.04 -2.50	35.13 0.72 0.00	32.06 0.90 0.00	31.64 1.19 0.00	31.22 1.03 0.00	30.65 0.95 0.00	31.02 0.79 0.00	33.34 0.59 0.00	41.46 0.89 0.00	55.05 1.49 -5.49	47.03 0.64 -0.49	43.51 1.19 0.00	35.86 0.77 0.00	32.34 0.48 0.00	30.71 0.89 0.00	29.18 0.68 0.00
HICKLING__2 23622	29.17 -0.23 -0.93	28.45 -0.26 -0.26	28.38 -0.06 -0.03	28.29 -0.09 0.00	28.27 -0.09 0.00	30.04 0.09 -1.44	39.18 0.14 -3.37	44.60 -0.08 -4.89	37.77 0.04 -2.50	35.13 0.72 0.00	32.06 0.90 0.00	31.64 1.19 0.00	31.22 1.03 0.00	30.65 0.95 0.00	31.02 0.79 0.00	33.34 0.59 0.00	41.46 0.89 0.00	55.05 1.49 -5.49	47.03 0.64 -0.49	43.51 1.19 0.00	35.86 0.77 0.00	32.34 0.48 0.00	30.71 0.89 0.00	29.18 0.68 0.00
HIGH FALLS__HY 23754	33.00 1.91 -2.63	31.09 1.91 -0.74	30.33 1.85 -0.08	30.17 1.79 0.00	30.03 1.67 0.00	34.36 1.80 -4.04	47.75 2.60 -9.49	56.46 2.90 -13.77	44.64 2.40 -7.02	36.78 2.37 0.00	33.22 2.06 0.00	32.40 1.95 0.00	31.88 1.69 0.00	31.33 1.63 0.00	31.93 1.69 0.00	34.68 1.93 0.00	43.00 2.43 0.00	67.18 3.65 -15.45	50.53 3.26 -1.37	45.08 2.75 0.00	37.51 2.42 0.00	34.09 2.23 0.00	31.67 1.85 0.00	30.03 1.54 0.00
HILLBURN__GT 23639	32.80 1.88 -2.45	30.95 1.82 -0.69	30.24 1.76 -0.07	30.08 1.70 0.00	30.03 1.67 0.00	34.21 1.91 -3.77	47.12 2.60 -8.85	55.66 3.02 -12.85	44.36 2.57 -6.56	37.02 2.61 0.00	33.56 2.40 0.00	32.65 2.19 0.00	32.39 2.20 0.00	31.86 2.17 0.00	32.44 2.21 0.00	35.08 2.33 0.00	43.49 2.92 0.00	66.68 4.18 -14.42	50.85 3.67 -1.28	45.59 3.26 0.00	37.62 2.53 0.00	34.25 2.39 0.00	31.82 2.00 0.00	30.20 1.71 0.00
HILLSIDE_115KV_TB1 80332	28.89 -0.54 -0.97	28.17 -0.54 -0.27	28.10 -0.34 -0.03	28.01 -0.37 0.00	27.99 -0.37 0.00	29.75 -0.26 -1.48	38.83 -0.32 -3.48	44.29 -0.56 -5.06	37.33 -0.49 -2.59	34.61 0.21 0.00	31.63 0.47 0.00	31.15 0.70 0.00	30.76 0.57 0.00	30.20 0.50 0.00	30.60 0.36 0.00	32.85 0.10 0.00	40.85 0.28 0.00	54.37 0.62 -5.67	46.31 -0.09 -0.50	42.88 0.55 0.00	35.34 0.25 0.00	31.89 0.03 0.00	30.27 0.45 0.00	28.81 0.31 0.00
HISHELDN_WT_PWR 323625	27.96 -1.25 -0.75	27.23 -1.42 -0.21	27.18 -1.25 -0.02	27.13 -1.25 0.00	27.11 -1.25 0.00	28.56 -1.11 -1.14	36.96 -1.39 -2.69	41.82 -1.87 -3.90	35.92 -1.30 -1.99	34.06 -0.34 0.00	31.03 -0.12 0.00	31.00 0.55 0.00	30.43 0.24 0.00	29.85 0.15 0.00	30.17 -0.06 0.00	32.32 -0.43 0.00	40.20 -0.37 0.00	52.31 -0.14 -4.38	45.18 -1.10 -0.39	41.31 -1.02 0.00	34.71 -0.39 0.00	31.09 -0.76 0.00	30.00 0.18 0.00	28.47 -0.03 0.00
HOLTSVILLE_IC_1 23690	41.96 2.56 -10.93	41.24 2.53 -10.27	37.72 2.44 -6.87	37.41 2.38 -6.64	38.30 2.38 -7.56	41.96 2.62 -10.81	48.40 3.39 -9.34	57.17 3.82 -13.56	45.61 3.45 -6.92	41.97 3.54 -4.02	37.55 3.18 -3.21	37.30 2.92 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.93 3.05 -4.65	39.58 3.31 -3.52	47.84 4.02 -3.25	77.56 5.43 -24.05	67.14 4.86 -16.38	56.59 4.32 -9.95	44.64 3.47 -6.08	42.33 3.31 -7.16	40.83 2.89 -8.12	38.91 2.54 -7.88

HOLTSVILLE_IC_10 23699	42.10 2.71 -10.93	41.36 2.65 -10.27	37.83 2.56 -6.87	37.52 2.50 -6.64	38.42 2.50 -7.56	42.10 2.77 -10.81	48.57 3.57 -9.34	57.41 4.06 -13.56	45.82 3.66 -6.92	42.17 3.75 -4.02	37.74 3.37 -3.21	37.45 3.07 -3.92	37.44 3.14 -4.11	36.99 3.06 -4.23	38.08 3.20 -4.65	39.77 3.51 -3.52	48.12 4.30 -3.25	77.89 5.77 -24.05	67.46 5.18 -16.38	56.89 4.61 -9.95	44.89 3.72 -6.08	42.55 3.54 -7.16	41.01 3.07 -8.12	39.02 2.65 -7.88
HOLTSVILLE_IC_2 23691	41.96 2.56 -10.93	41.24 2.53 -10.27	37.72 2.44 -6.87	37.41 2.38 -6.64	38.30 2.38 -7.56	41.96 2.62 -10.81	48.40 3.39 -9.34	57.17 3.82 -13.56	45.61 3.45 -6.92	41.97 3.54 -4.02	37.55 3.18 -3.21	37.30 2.92 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.93 3.05 -4.65	39.58 3.31 -3.52	47.84 4.02 -3.25	77.56 5.43 -24.05	67.14 4.86 -16.38	56.59 4.32 -9.95	44.64 3.47 -6.08	42.33 3.31 -7.16	40.83 2.89 -8.12	38.91 2.54 -7.88
HOLTSVILLE_IC_3 23692	41.96 2.56 -10.93	41.24 2.53 -10.27	37.72 2.44 -6.87	37.41 2.38 -6.64	38.30 2.38 -7.56	41.96 2.62 -10.81	48.40 3.39 -9.34	57.17 3.82 -13.56	45.61 3.45 -6.92	41.97 3.54 -4.02	37.55 3.18 -3.21	37.30 2.92 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.93 3.05 -4.65	39.58 3.31 -3.52	47.84 4.02 -3.25	77.56 5.43 -24.05	67.14 4.86 -16.38	56.59 4.32 -9.95	44.64 3.47 -6.08	42.33 3.31 -7.16	40.83 2.89 -8.12	38.91 2.54 -7.88
HOLTSVILLE_IC_4 23693	41.96 2.56 -10.93	41.24 2.53 -10.27	37.72 2.44 -6.87	37.41 2.38 -6.64	38.30 2.38 -7.56	41.96 2.62 -10.81	48.40 3.39 -9.34	57.17 3.82 -13.56	45.61 3.45 -6.92	41.97 3.54 -4.02	37.55 3.18 -3.21	37.30 2.92 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.93 3.05 -4.65	39.58 3.31 -3.52	47.84 4.02 -3.25	77.56 5.43 -24.05	67.14 4.86 -16.38	56.59 4.32 -9.95	44.64 3.47 -6.08	42.33 3.31 -7.16	40.83 2.89 -8.12	38.91 2.54 -7.88
HOLTSVILLE_IC_5 23694	41.96 2.56 -10.93	41.24 2.53 -10.27	37.72 2.44 -6.87	37.41 2.38 -6.64	38.30 2.38 -7.56	41.96 2.62 -10.81	48.40 3.39 -9.34	57.17 3.82 -13.56	45.61 3.45 -6.92	41.97 3.54 -4.02	37.55 3.18 -3.21	37.30 2.92 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.93 3.05 -4.65	39.58 3.31 -3.52	47.84 4.02 -3.25	77.56 5.43 -24.05	67.14 4.86 -16.38	56.59 4.32 -9.95	44.64 3.47 -6.08	42.33 3.31 -7.16	40.83 2.89 -8.12	38.91 2.54 -7.88
HOLTSVILLE_IC_6 23695	42.10 2.71 -10.93	41.36 2.65 -10.27	37.83 2.56 -6.87	37.52 2.50 -6.64	38.42 2.50 -7.56	42.10 2.77 -10.81	48.57 3.57 -9.34	57.41 4.06 -13.56	45.82 3.66 -6.92	42.17 3.75 -4.02	37.74 3.37 -3.21	37.45 3.07 -3.92	37.44 3.14 -4.11	36.99 3.06 -4.23	38.08 3.20 -4.65	39.77 3.51 -3.52	48.12 4.30 -3.25	77.89 5.77 -24.05	67.46 5.18 -16.38	56.89 4.61 -9.95	44.89 3.72 -6.08	42.55 3.54 -7.16	41.01 3.07 -8.12	39.02 2.65 -7.88
HOLTSVILLE_IC_7 23696	42.10 2.71 -10.93	41.36 2.65 -10.27	37.83 2.56 -6.87	37.52 2.50 -6.64	38.42 2.50 -7.56	42.10 2.77 -10.81	48.57 3.57 -9.34	57.41 4.06 -13.56	45.82 3.66 -6.92	42.17 3.75 -4.02	37.74 3.37 -3.21	37.45 3.07 -3.92	37.44 3.14 -4.11	36.99 3.06 -4.23	38.08 3.20 -4.65	39.77 3.51 -3.52	48.12 4.30 -3.25	77.89 5.77 -24.05	67.46 5.18 -16.38	56.89 4.61 -9.95	44.89 3.72 -6.08	42.55 3.54 -7.16	41.01 3.07 -8.12	39.02 2.65 -7.88
HOLTSVILLE_IC_8 23697	42.10 2.71 -10.93	41.36 2.65 -10.27	37.83 2.56 -6.87	37.52 2.50 -6.64	38.42 2.50 -7.56	42.10 2.77 -10.81	48.57 3.57 -9.34	57.41 4.06 -13.56	45.82 3.66 -6.92	42.17 3.75 -4.02	37.74 3.37 -3.21	37.45 3.07 -3.92	37.44 3.14 -4.11	36.99 3.06 -4.23	38.08 3.20 -4.65	39.77 3.51 -3.52	48.12 4.30 -3.25	77.89 5.77 -24.05	67.46 5.18 -16.38	56.89 4.61 -9.95	44.89 3.72 -6.08	42.55 3.54 -7.16	41.01 3.07 -8.12	39.02 2.65 -7.88
HOLTSVILLE_IC_9 23698	42.10 2.71 -10.93	41.36 2.65 -10.27	37.83 2.56 -6.87	37.52 2.50 -6.64	38.42 2.50 -7.56	42.10 2.77 -10.81	48.57 3.57 -9.34	57.41 4.06 -13.56	45.82 3.66 -6.92	42.17 3.75 -4.02	37.74 3.37 -3.21	37.45 3.07 -3.92	37.44 3.14 -4.11	36.99 3.06 -4.23	38.08 3.20 -4.65	39.77 3.51 -3.52	48.12 4.30 -3.25	77.89 5.77 -24.05	67.46 5.18 -16.38	56.89 4.61 -9.95	44.89 3.72 -6.08	42.55 3.54 -7.16	41.01 3.07 -8.12	39.02 2.65 -7.88
HOMER_HL_115KV_TB2 355744	27.64 -1.57 -0.74	27.00 -1.65 -0.21	27.69 -0.74 -0.02	27.64 -0.74 0.00	27.62 -0.74 0.00	28.55 -1.11 -1.14	36.99 -1.36 -2.68	41.89 -1.79 -3.90	38.83 1.69 -1.90	37.16 2.75 0.00	31.75 0.59 0.00	31.46 1.00 0.00	31.04 0.85 0.00	30.35 0.65 0.00	30.66 0.42 0.00	32.36 -0.39 0.00	40.41 -0.16 0.00	51.53 -0.91 -4.37	44.45 -1.84 -0.39	42.62 0.30 0.00	34.95 -0.14 0.00	31.67 -0.19 0.00	30.48 0.66 0.00	28.92 0.43 0.00
HOWARD_WT_PWR 323690	28.55 -0.74 -0.82	27.82 -0.85 -0.23	27.75 -0.68 -0.02	27.67 -0.71 0.00	27.71 -0.65 0.00	29.22 -0.57 -1.26	38.16 -0.46 -2.97	43.33 -0.76 -4.31	37.05 -0.39 -2.20	34.78 0.38 0.00	31.75 0.59 0.00	31.61 1.16 0.00	31.13 0.94 0.00	30.65 0.95 0.00	31.05 0.82 0.00	33.37 0.62 0.00	41.54 0.97 0.00	54.63 1.73 -4.83	47.06 0.73 -0.43	43.04 0.72 0.00	35.97 0.88 0.00	32.37 0.51 0.00	30.89 1.07 0.00	29.35 0.85 0.00
HQ_GEN_CEDARS 23644	28.61 0.14 0.00	28.61 0.17 0.00	28.58 0.17 0.00	28.58 0.20 0.00	28.55 0.20 0.00	28.61 0.09 0.00	35.84 0.18 0.00	40.14 0.36 0.00	35.48 0.25 0.00	34.51 0.10 0.00	31.25 0.09 0.00	30.55 0.09 0.00	30.31 0.12 0.00	29.58 -0.12 0.00	30.20 -0.03 0.00	32.72 -0.03 0.00	40.53 -0.04 0.00	47.50 -0.58 0.00	45.85 -0.05 0.00	42.41 0.08 0.00	35.13 0.04 0.00	31.89 0.03 0.00	29.76 -0.06 0.00	28.47 -0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	28.58 0.11 0.00	28.61 0.17 0.00	28.58 0.17 0.00	28.58 0.20 0.00	28.53 0.17 0.00	28.55 0.03 0.00	35.84 0.18 0.00	40.14 0.36 0.00	35.48 0.25 0.00	34.51 0.10 0.00	31.25 0.09 0.00	30.55 0.09 0.00	30.31 0.12 0.00	29.58 -0.12 0.00	30.20 -0.03 0.00	32.72 -0.03 0.00	41.06 -0.04 -0.53	46.92 -0.63 0.53	45.90 0.00 0.00	42.41 0.08 0.00	35.13 0.04 0.00	31.89 0.03 0.00	29.76 -0.06 0.00	28.41 -0.09 0.00
HQ_GEN_IMPORT 323601	28.21 -0.26 0.00	28.21 -0.23 0.00	28.21 -0.20 0.00	28.21 -0.17 0.00	28.19 -0.17 0.00	28.21 -0.31 0.00	35.31 -0.36 0.00	39.43 -0.36 0.00	34.91 -0.32 0.00	34.03 -0.38 0.00	30.82 -0.34 0.00	30.12 -0.33 0.00	29.86 -0.33 0.00	29.37 -0.33 0.00	29.93 -0.30 0.00	32.42 -0.33 0.00	41.97 -0.41 -1.81	45.35 -0.91 1.81	45.35 -0.55 0.00	41.94 -0.38 0.00	34.77 -0.32 0.00	31.57 -0.29 0.00	29.52 -0.30 0.00	28.21 -0.28 0.00
HQ_GEN_WHEEL 23651	28.21 -0.26 0.00	28.21 -0.23 0.00	28.21 -0.20 0.00	28.21 -0.17 0.00	28.19 -0.17 0.00	28.21 -0.31 0.00	35.31 -0.36 0.00	39.43 -0.36 0.00	34.91 -0.32 0.00	34.03 -0.38 0.00	30.82 -0.34 0.00	30.12 -0.33 0.00	29.86 -0.33 0.00	29.37 -0.33 0.00	29.93 -0.30 0.00	32.42 -0.33 0.00	41.97 -0.41 -1.81	45.35 -0.91 1.81	45.35 -0.55 0.00	41.94 -0.38 0.00	34.77 -0.32 0.00	31.57 -0.29 0.00	29.52 -0.30 0.00	28.21 -0.28 0.00

HUDSON AVE_GT_3 23810	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.69 3.34 -13.57	45.04 2.89 -6.92	37.50 3.10 0.00	33.90 2.74 0.00	33.04 2.59 0.00	32.76 2.57 0.00	32.22 2.52 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.29 0.00	67.86 4.57 -15.22	51.33 4.08 -1.35	45.84 3.51 0.00	37.93 2.84 0.00	34.63 2.77 0.00	32.15 2.33 0.00	30.38 1.88 0.00
HUDSON AVE_GT_4 23540	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.69 3.34 -13.57	45.04 2.89 -6.92	37.50 3.10 0.00	33.90 2.74 0.00	33.04 2.59 0.00	32.76 2.57 0.00	32.22 2.52 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.29 0.00	67.86 4.57 -15.22	51.33 4.08 -1.35	45.84 3.51 0.00	37.93 2.84 0.00	34.63 2.77 0.00	32.15 2.33 0.00	30.38 1.88 0.00
HUDSON AVE_GT_5 23657	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.69 3.34 -13.57	45.04 2.89 -6.92	37.50 3.10 0.00	33.90 2.74 0.00	33.04 2.59 0.00	32.76 2.57 0.00	32.22 2.52 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.29 0.00	67.86 4.57 -15.22	51.33 4.08 -1.35	45.84 3.51 0.00	37.93 2.84 0.00	34.63 2.77 0.00	32.15 2.33 0.00	30.38 1.88 0.00
HUDSON_AVE_10 24168	33.02 1.96 -2.59	31.10 1.93 -0.73	30.36 1.87 -0.08	30.17 1.79 0.00	30.09 1.73 0.00	34.41 1.91 -3.98	47.72 2.71 -9.35	56.61 3.26 -13.57	44.97 2.82 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.70 2.51 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.77 3.20 0.00	67.82 4.52 -15.22	51.24 3.99 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.29 1.80 0.00
HUDSON___115KV_TB 4 355613	33.21 1.57 -3.18	30.90 1.56 -0.90	30.04 1.53 -0.09	29.86 1.48 0.00	30.00 1.64 0.00	35.04 1.63 -4.89	49.42 2.28 -11.47	58.79 2.35 -16.66	45.83 2.11 -8.48	36.23 1.82 0.00	32.62 1.46 0.00	31.70 1.25 0.00	31.49 1.30 0.00	30.97 1.28 0.00	31.62 1.39 0.00	34.55 1.80 0.00	42.84 2.27 0.00	69.76 3.03 -18.66	50.53 2.98 -1.65	44.70 2.37 0.00	37.09 2.00 0.00	33.87 2.01 0.00	31.49 1.67 0.00	29.78 1.28 0.00
HUNTER MOUNT___DRP 323613	33.30 1.74 -3.09	31.08 1.76 -0.87	30.20 1.70 -0.09	30.03 1.65 0.00	30.20 1.84 0.00	35.04 1.77 -4.75	49.35 2.53 -11.16	58.53 2.55 -16.20	45.74 2.25 -8.25	36.30 1.89 0.00	32.62 1.46 0.00	31.73 1.28 0.00	31.52 1.33 0.00	31.00 1.31 0.00	31.65 1.42 0.00	34.65 1.90 0.00	43.00 2.43 0.00	69.49 3.27 -18.14	50.76 3.26 -1.61	44.87 2.54 0.00	37.23 2.14 0.00	33.90 2.04 0.00	31.55 1.73 0.00	29.83 1.34 0.00
HUNTINGTON_RES_REC 323705	41.90 2.51 -10.93	41.21 2.50 -10.27	37.69 2.41 -6.87	37.38 2.35 -6.64	38.25 2.33 -7.56	41.90 2.57 -10.81	48.18 3.17 -9.34	56.97 3.62 -13.56	45.43 3.28 -6.92	41.93 3.51 -4.02	37.49 3.12 -3.21	37.27 2.89 -3.92	37.23 2.93 -4.11	36.81 2.88 -4.23	37.84 2.96 -4.65	39.38 3.11 -3.52	47.63 3.81 -3.25	77.37 5.24 -24.05	66.95 4.73 -16.32	56.43 4.15 -9.95	44.54 3.37 -6.08	42.17 3.15 -7.16	40.62 2.68 -8.12	38.73 2.36 -7.88
HUNTLEY___63 23557	27.67 -1.48 -0.69	27.21 -1.42 -0.19	27.04 -1.39 -0.02	26.99 -1.39 0.00	26.94 -1.42 0.00	28.55 -1.03 -1.06	36.61 -1.53 -2.48	41.32 -2.07 -3.60	35.77 -1.30 -1.84	33.96 -0.45 0.00	30.88 -0.28 0.00	30.64 0.18 0.00	30.28 0.09 0.00	29.64 -0.06 0.00	29.96 -0.27 0.00	32.10 -0.66 0.00	39.84 -0.73 0.00	51.54 -0.58 -4.04	44.79 -1.47 -0.36	41.73 -0.59 0.00	34.35 -0.74 0.00	30.68 -1.18 0.00	29.79 -0.03 0.00	28.15 -0.34 0.00
HUNTLEY___64 23558	27.67 -1.48 -0.69	27.21 -1.42 -0.19	27.04 -1.39 -0.02	26.99 -1.39 0.00	26.94 -1.42 0.00	28.55 -1.03 -1.06	36.61 -1.53 -2.48	41.32 -2.07 -3.60	35.77 -1.30 -1.84	33.96 -0.45 0.00	30.88 -0.28 0.00	30.64 0.18 0.00	30.28 0.09 0.00	29.64 -0.06 0.00	29.96 -0.27 0.00	32.10 -0.66 0.00	39.84 -0.73 0.00	51.54 -0.58 -4.04	44.79 -1.47 -0.36	41.73 -0.59 0.00	34.35 -0.74 0.00	30.68 -1.18 0.00	29.79 -0.03 0.00	28.15 -0.34 0.00
HUNTLEY___65 23559	27.67 -1.48 -0.69	27.21 -1.42 -0.19	27.04 -1.39 -0.02	26.99 -1.39 0.00	26.94 -1.42 0.00	28.55 -1.03 -1.06	36.61 -1.53 -2.48	41.32 -2.07 -3.60	35.77 -1.30 -1.84	33.96 -0.45 0.00	30.88 -0.28 0.00	30.64 0.18 0.00	30.28 0.09 0.00	29.64 -0.06 0.00	29.96 -0.27 0.00	32.10 -0.66 0.00	39.84 -0.73 0.00	51.54 -0.58 -4.04	44.79 -1.47 -0.36	41.73 -0.59 0.00	34.35 -0.74 0.00	30.68 -1.18 0.00	29.79 -0.03 0.00	28.15 -0.34 0.00
HUNTLEY___66 23560	27.67 -1.48 -0.69	27.21 -1.42 -0.19	27.04 -1.39 -0.02	26.99 -1.39 0.00	26.94 -1.42 0.00	28.55 -1.03 -1.06	36.61 -1.53 -2.48	41.32 -2.07 -3.60	35.77 -1.30 -1.84	33.96 -0.45 0.00	30.88 -0.28 0.00	30.64 0.18 0.00	30.28 0.09 0.00	29.64 -0.06 0.00	29.96 -0.27 0.00	32.10 -0.66 0.00	39.84 -0.73 0.00	51.54 -0.58 -4.04	44.79 -1.47 -0.36	41.73 -0.59 0.00	34.35 -0.74 0.00	30.68 -1.18 0.00	29.79 -0.03 0.00	28.15 -0.34 0.00
HUNTLEY___67 23561	27.51 -1.65 -0.70	27.04 -1.59 -0.20	26.89 -1.53 -0.02	26.85 -1.53 0.00	26.80 -1.56 0.00	28.39 -1.20 -1.07	36.39 -1.78 -2.51	41.08 -2.35 -3.64	35.50 -1.59 -1.86	33.68 -0.72 0.00	30.63 -0.53 0.00	30.39 -0.06 0.00	30.04 -0.15 0.00	29.43 -0.27 0.00	29.75 -0.48 0.00	31.83 -0.92 0.00	39.47 -1.10 0.00	51.15 -1.01 -4.09	44.42 -1.84 -0.36	41.44 -0.89 0.00	34.07 -1.02 0.00	30.49 -1.37 0.00	29.55 -0.27 0.00	27.98 -0.51 0.00
HUNTLEY___68 23562	27.51 -1.65 -0.70	27.04 -1.59 -0.20	26.89 -1.53 -0.02	26.85 -1.53 0.00	26.80 -1.56 0.00	28.39 -1.20 -1.07	36.39 -1.78 -2.51	41.08 -2.35 -3.64	35.50 -1.59 -1.86	33.68 -0.72 0.00	30.63 -0.53 0.00	30.39 -0.06 0.00	30.04 -0.15 0.00	29.43 -0.27 0.00	29.75 -0.48 0.00	31.83 -0.92 0.00	39.47 -1.10 0.00	51.15 -1.01 -4.09	44.42 -1.84 -0.36	41.44 -0.89 0.00	34.07 -1.02 0.00	30.49 -1.37 0.00	29.55 -0.27 0.00	27.98 -0.51 0.00
HYLAND___LFGE 323620	29.63 0.43 -0.74	29.04 0.40 -0.21	28.66 0.23 -0.02	28.72 0.34 0.00	28.64 0.28 0.00	30.31 0.66 -1.13	39.53 1.21 -2.65	44.75 1.11 -3.85	38.22 1.02 -1.97	35.64 1.24 0.00	32.28 1.12 0.00	32.04 1.58 0.00	31.40 1.21 0.00	30.80 1.10 0.00	31.23 1.00 0.00	33.83 1.08 0.00	42.27 1.70 0.00	56.01 3.61 -4.32	48.67 2.39 -0.38	44.44 2.12 0.00	36.95 1.86 0.00	33.10 1.24 0.00	31.52 1.70 0.00	29.89 1.40 0.00
INDECK___CORINTH 23802	33.07 1.20 -3.41	30.62 1.22 -0.96	29.67 1.17 -0.10	29.52 1.14 0.00	29.77 1.42 0.00	35.25 1.48 -5.24	50.07 2.10 -12.30	59.79 2.15 -17.86	46.46 2.15 -9.08	36.36 1.96 0.00	32.81 1.65 0.00	31.79 1.34 0.00	31.58 1.39 0.00	31.03 1.34 0.00	31.62 1.39 0.00	34.13 1.38 0.00	42.23 1.66 0.00	70.24 2.21 -19.95	49.87 2.20 -1.77	44.06 1.74 0.00	36.46 1.37 0.00	33.00 1.15 0.00	31.16 1.34 0.00	29.64 1.14 0.00

INDECK___ILION 23567	29.13 0.60 -0.07	29.06 0.60 -0.02	28.98 0.57 0.00	28.92 0.54 0.00	28.90 0.54 0.00	29.20 0.57 -0.11	36.70 0.78 -0.25	41.06 0.92 -0.36	36.19 0.78 -0.18	35.20 0.79 0.00	31.84 0.69 0.00	31.15 0.70 0.00	30.89 0.69 0.00	30.41 0.71 0.00	30.93 0.70 0.00	33.54 0.79 0.00	41.58 1.01 0.00	49.78 1.30 -0.41	47.13 1.19 -0.04	43.43 1.10 0.00	36.00 0.91 0.00	32.69 0.83 0.00	30.59 0.78 0.00	29.24 0.74 0.00
INDECK___OLEAN 23982	27.79 -1.42 -0.74	27.00 -1.65 -0.21	27.69 -0.74 -0.02	27.64 -0.74 0.00	27.62 -0.74 0.00	28.44 -1.23 -1.14	36.99 -1.36 -2.68	41.89 -1.79 -3.90	38.79 1.66 -1.90	37.16 2.75 0.00	31.75 0.59 0.00	31.64 1.19 0.00	31.04 0.84 0.00	30.35 0.65 0.00	30.66 0.42 0.00	32.36 -0.39 0.00	40.45 -0.12 0.00	51.63 -0.82 -4.37	44.45 -1.84 -0.39	41.90 -0.42 0.00	34.95 -0.14 0.00	31.70 -0.16 0.00	30.47 0.66 0.00	29.03 0.54 0.00
INDECK___OSWEGO 23783	28.38 -0.54 -0.46	28.00 -0.57 -0.13	27.82 -0.60 -0.01	27.75 -0.62 0.00	27.73 -0.62 0.00	28.66 -0.57 -0.71	36.50 -0.82 -1.66	41.20 -0.99 -2.40	35.61 -0.85 -1.22	33.65 -0.76 0.00	30.50 -0.66 0.00	29.91 -0.55 0.00	29.56 -0.64 0.00	29.07 -0.63 0.00	29.54 -0.69 0.00	31.96 -0.79 0.00	39.59 -0.97 0.00	50.05 -0.72 -2.70	45.17 -0.97 -0.24	41.31 -1.02 0.00	34.29 -0.81 0.00	31.06 -0.80 0.00	29.22 -0.60 0.00	28.04 -0.46 0.00
INDECK___YERKES 23781	27.90 -1.25 -0.69	27.24 -1.39 -0.19	27.06 -1.36 -0.02	27.02 -1.36 0.00	27.00 -1.36 0.00	28.47 -1.11 -1.06	36.65 -1.50 -2.48	41.36 -2.03 -3.60	35.73 -1.34 -1.84	33.99 -0.41 0.00	30.91 -0.25 0.00	30.97 0.52 0.00	30.31 0.12 0.00	29.67 -0.03 0.00	29.99 -0.24 0.00	32.13 -0.62 0.00	39.88 -0.69 0.00	51.68 -0.43 -4.04	44.83 -1.42 -0.36	40.76 -1.57 0.00	34.39 -0.70 0.00	30.74 -1.12 0.00	29.82 0.00 0.00	28.27 -0.23 0.00
INDIAN POINT_GT_1 24139	32.88 1.85 -2.56	30.98 1.82 -0.72	30.25 1.76 -0.08	30.08 1.70 0.00	30.00 1.64 0.00	34.29 1.83 -3.94	47.48 2.57 -9.25	56.20 2.98 -13.43	44.66 2.57 -6.85	37.05 2.65 0.00	33.56 2.40 0.00	32.68 2.22 0.00	32.43 2.23 0.00	31.86 2.17 0.00	32.47 2.24 0.00	35.14 2.39 0.00	43.53 2.96 0.00	67.28 4.13 -15.07	50.90 3.67 -1.33	45.46 3.13 0.00	37.62 2.53 0.00	34.25 2.39 0.00	31.82 2.00 0.00	30.12 1.62 0.00
INDIAN POINT_GT_2 23659	32.88 1.85 -2.56	30.98 1.82 -0.72	30.25 1.76 -0.08	30.08 1.70 0.00	30.00 1.64 0.00	34.29 1.83 -3.94	47.48 2.57 -9.25	56.20 2.98 -13.43	44.66 2.57 -6.85	37.05 2.65 0.00	33.56 2.40 0.00	32.68 2.22 0.00	32.43 2.23 0.00	31.86 2.17 0.00	32.47 2.24 0.00	35.14 2.39 0.00	43.53 2.96 0.00	67.28 4.13 -15.07	50.90 3.67 -1.33	45.46 3.13 0.00	37.62 2.53 0.00	34.25 2.39 0.00	31.82 2.00 0.00	30.12 1.62 0.00
INDIAN POINT_GT_3 24019	32.88 1.85 -2.56	30.98 1.82 -0.72	30.25 1.76 -0.08	30.08 1.70 0.00	30.00 1.64 0.00	34.29 1.83 -3.94	47.48 2.57 -9.25	56.20 2.98 -13.43	44.66 2.57 -6.85	37.05 2.65 0.00	33.56 2.40 0.00	32.68 2.22 0.00	32.43 2.23 0.00	31.86 2.17 0.00	32.47 2.24 0.00	35.14 2.39 0.00	43.53 2.96 0.00	67.28 4.13 -15.07	50.90 3.67 -1.33	45.46 3.13 0.00	37.62 2.53 0.00	34.25 2.39 0.00	31.82 2.00 0.00	30.12 1.62 0.00
INDIAN POINT___2 23530	32.81 1.82 -2.52	30.94 1.79 -0.71	30.22 1.73 -0.08	30.05 1.67 0.00	30.00 1.64 0.00	34.28 1.88 -3.88	47.30 2.53 -9.10	55.95 2.94 -13.21	44.51 2.54 -6.74	37.02 2.61 0.00	33.53 2.37 0.00	32.62 2.16 0.00	32.39 2.20 0.00	31.84 2.14 0.00	32.44 2.21 0.00	35.08 2.33 0.00	43.45 2.88 0.00	66.99 4.08 -14.83	50.79 3.58 -1.31	45.50 3.18 0.00	37.58 2.49 0.00	34.25 2.39 0.00	31.79 1.97 0.00	30.18 1.68 0.00
INDIAN POINT___3 23531	32.86 1.82 -2.57	30.95 1.79 -0.72	30.22 1.73 -0.08	30.05 1.67 0.00	29.97 1.62 0.00	34.26 1.80 -3.94	47.46 2.53 -9.26	56.17 2.94 -13.44	44.59 2.50 -6.86	37.02 2.61 0.00	33.50 2.34 0.00	32.65 2.19 0.00	32.36 2.17 0.00	31.83 2.14 0.00	32.41 2.18 0.00	35.08 2.33 0.00	43.45 2.88 0.00	67.20 4.04 -15.08	50.81 3.58 -1.34	45.42 3.09 0.00	37.58 2.49 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.12 1.62 0.00
INGHAM_C_115KV_TB7 356103	29.67 1.14 -0.07	29.60 1.14 -0.02	29.52 1.11 0.00	29.43 1.05 0.00	29.41 1.05 0.00	29.74 1.11 -0.11	37.37 1.46 -0.25	41.78 1.63 -0.36	36.83 1.41 -0.18	35.81 1.41 0.00	32.44 1.28 0.00	31.76 1.31 0.00	31.46 1.27 0.00	30.97 1.28 0.00	31.50 1.27 0.00	34.19 1.44 0.00	42.43 1.87 0.00	50.79 2.31 -0.41	48.14 2.20 -0.04	44.36 2.03 0.00	36.81 1.72 0.00	33.45 1.59 0.00	31.34 1.52 0.00	29.98 1.48 0.00
IP CORINTH___1 23988	33.24 1.37 -3.41	30.80 1.39 -0.96	29.84 1.34 -0.10	29.66 1.28 0.00	29.89 1.53 0.00	35.33 1.57 -5.24	50.28 2.32 -12.30	59.99 2.35 -17.86	46.67 2.36 -9.08	36.57 2.17 0.00	33.00 1.84 0.00	32.01 1.55 0.00	31.76 1.57 0.00	31.18 1.48 0.00	31.80 1.57 0.00	34.32 1.57 0.00	42.47 1.91 0.00	70.48 2.45 -19.95	50.14 2.48 -1.77	44.15 1.82 0.00	36.67 1.58 0.00	33.20 1.34 0.00	31.34 1.52 0.00	29.75 1.25 0.00
IP___TICONDEROGA 23804	34.63 2.76 -3.41	32.19 2.79 -0.96	31.18 2.67 -0.10	30.99 2.61 0.00	31.48 3.12 0.00	36.89 3.14 -5.23	52.44 4.49 -12.29	62.36 4.73 -17.84	48.95 4.65 -9.06	38.81 4.40 0.00	34.96 3.80 0.00	33.96 3.50 0.00	33.60 3.41 0.00	32.90 3.21 0.00	33.59 3.36 0.00	36.42 3.67 0.00	45.11 4.54 0.00	73.68 5.67 -19.93	53.31 5.65 -1.76	46.94 4.61 0.00	38.92 3.82 0.00	35.04 3.19 0.00	33.04 3.22 0.00	31.14 2.65 0.00
ISLIP_RES_REC 323679	42.24 2.85 -10.93	41.47 2.76 -10.27	37.94 2.67 -6.87	37.63 2.61 -6.64	38.53 2.61 -7.56	42.25 2.91 -10.81	48.79 3.78 -9.34	57.65 4.30 -13.56	46.03 3.88 -6.92	42.34 3.92 -4.02	37.89 3.52 -3.21	37.63 3.26 -3.92	37.59 3.29 -4.11	37.14 3.21 -4.23	38.27 3.39 -4.65	39.97 3.70 -3.52	48.36 4.54 -3.25	78.28 6.16 -24.05	67.78 5.51 -16.38	57.18 4.91 -9.95	45.10 3.93 -6.08	42.74 3.73 -7.16	41.16 3.22 -8.12	39.17 2.79 -7.88
JAMAICA__27_KV_LOAD 355505	33.11 2.05 -2.59	31.19 2.02 -0.73	30.44 1.96 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.53 2.03 -3.98	47.93 2.92 -9.35	56.89 3.54 -13.57	45.22 3.07 -6.92	37.64 3.23 0.00	34.03 2.87 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.31 2.61 0.00	32.92 2.69 0.00	35.60 2.85 0.00	44.10 3.53 0.00	68.20 4.90 -15.22	51.65 4.41 -1.35	46.18 3.85 0.00	38.14 3.05 0.00	34.79 2.93 0.00	32.26 2.45 0.00	30.43 1.94 0.00
JANIS___SOLAR 323808	30.59 1.17 -0.96	29.85 1.14 -0.27	29.54 1.11 -0.03	29.43 1.05 0.00	29.41 1.05 0.00	31.24 1.25 -1.47	41.00 1.89 -3.45	46.98 2.19 -5.00	39.70 1.90 -2.56	36.40 1.99 0.00	32.93 1.78 0.00	32.43 1.98 0.00	31.88 1.69 0.00	31.39 1.69 0.00	31.86 1.63 0.00	34.55 1.80 0.00	43.13 2.56 0.00	57.44 3.75 -5.61	49.61 3.21 -0.50	45.16 2.84 0.00	37.44 2.35 0.00	33.80 1.94 0.00	31.73 1.91 0.00	30.26 1.77 0.00

JARVIS____ 23743	28.68 0.14 -0.07	28.60 0.14 -0.02	28.52 0.11 0.00	28.49 0.11 0.00	28.47 0.11 0.00	28.77 0.14 -0.11	36.13 0.22 -0.25	40.39 0.24 -0.36	35.63 0.21 -0.18	34.61 0.21 0.00	31.35 0.19 0.00	30.64 0.18 0.00	30.37 0.18 0.00	29.88 0.18 0.00	30.42 0.18 0.00	32.95 0.20 0.00	40.85 0.29 0.00	48.86 0.38 -0.41	46.26 0.32 -0.04	42.58 0.26 0.00	35.30 0.21 0.00	32.05 0.19 0.00	29.97 0.15 0.00	28.64 0.14 0.00
JENNISON____1 23625	31.00 1.39 -1.14	30.15 1.39 -0.32	29.86 1.42 -0.03	29.71 1.33 0.00	29.66 1.30 0.00	31.85 1.57 -1.75	42.10 2.32 -4.12	48.51 2.75 -5.98	40.65 2.36 -3.05	36.95 2.55 0.00	33.46 2.31 0.00	32.89 2.44 0.00	32.40 2.20 0.00	31.89 2.20 0.00	32.35 2.12 0.00	35.04 2.29 0.00	43.61 3.04 0.00	58.96 4.18 -6.70	50.21 3.72 -0.59	45.75 3.43 0.00	37.79 2.70 0.00	34.12 2.26 0.00	32.00 2.18 0.00	30.43 1.94 0.00
JENNISON____2 23626	31.00 1.39 -1.14	30.15 1.39 -0.32	29.86 1.42 -0.03	29.71 1.33 0.00	29.66 1.30 0.00	31.85 1.57 -1.75	42.10 2.32 -4.12	48.51 2.75 -5.98	40.65 2.36 -3.05	36.95 2.55 0.00	33.46 2.31 0.00	32.89 2.44 0.00	32.40 2.20 0.00	31.89 2.20 0.00	32.35 2.12 0.00	35.04 2.29 0.00	43.61 3.04 0.00	58.96 4.18 -6.70	50.21 3.72 -0.59	45.75 3.43 0.00	37.79 2.70 0.00	34.12 2.26 0.00	32.00 2.18 0.00	30.43 1.94 0.00
JERICHO_RISE_WT_PWR 323719	28.84 0.37 0.00	28.89 0.45 0.00	28.83 0.43 0.00	28.75 0.37 0.00	28.72 0.37 0.00	28.75 0.23 0.00	36.09 0.43 0.00	40.42 0.63 0.00	35.69 0.46 0.00	34.68 0.27 0.00	31.38 0.22 0.00	30.67 0.21 0.00	30.43 0.24 0.00	29.79 0.09 0.00	30.47 0.24 0.00	33.08 0.33 0.00	41.02 0.45 0.00	48.27 0.19 0.00	46.49 0.60 0.00	42.92 0.59 0.00	35.55 0.45 0.00	32.34 0.48 0.00	30.18 0.36 0.00	28.78 0.28 0.00
KATONAH____115KV_46KV_TB4 355592	33.16 2.05 -2.64	31.20 2.02 -0.75	30.42 1.93 -0.08	30.28 1.90 0.00	30.20 1.84 0.00	34.58 2.00 -4.06	48.01 2.82 -9.53	56.88 3.26 -13.83	45.15 2.85 -7.07	37.29 2.89 0.00	33.78 2.62 0.00	32.86 2.41 0.00	32.64 2.45 0.00	32.04 2.35 0.00	32.65 2.42 0.00	35.40 2.65 0.00	43.85 3.29 0.00	68.11 4.52 -15.52	51.27 3.99 -1.37	45.75 3.43 0.00	37.83 2.74 0.00	34.38 2.52 0.00	31.91 2.09 0.00	30.20 1.71 0.00
KCE_NY_1 323755	33.46 1.59 -3.40	30.99 1.59 -0.96	30.07 1.56 -0.10	29.91 1.53 0.00	30.06 1.70 0.00	35.58 1.83 -5.23	50.36 2.43 -12.27	60.18 2.58 -17.81	46.79 2.50 -9.05	36.71 2.31 0.00	33.12 1.96 0.00	32.22 1.77 0.00	32.03 1.84 0.00	31.48 1.78 0.00	32.11 1.88 0.00	34.82 2.06 0.00	43.13 2.56 0.00	71.20 3.22 -19.90	50.78 3.12 -1.76	44.95 2.63 0.00	37.27 2.18 0.00	33.80 1.94 0.00	31.61 1.79 0.00	30.00 1.51 0.00
KCE_NY_6_ESR 323823	27.92 -1.25 -0.71	27.22 -1.42 -0.20	27.26 -1.17 -0.02	27.19 -1.19 0.00	27.17 -1.19 0.00	28.50 -1.11 -1.09	36.83 -1.39 -2.56	41.63 -1.87 -3.71	35.89 -1.23 -1.89	34.30 -0.10 0.00	31.19 0.03 0.00	31.22 0.76 0.00	30.58 0.39 0.00	29.93 0.24 0.00	30.26 0.03 0.00	32.39 -0.36 0.00	40.29 -0.28 0.00	52.00 -0.24 -4.17	45.03 -1.24 -0.37	41.27 -1.06 0.00	34.74 -0.35 0.00	31.06 -0.80 0.00	30.06 0.24 0.00	28.52 0.03 0.00
KEDC_PORT_JEFF_GT2 24210	42.05 2.65 -10.93	41.30 2.59 -10.27	37.77 2.50 -6.87	37.46 2.44 -6.64	38.36 2.44 -7.56	42.05 2.71 -10.81	48.43 3.42 -9.34	57.17 3.82 -13.56	45.71 3.56 -6.92	42.07 3.65 -4.02	37.64 3.27 -3.21	37.39 3.02 -3.92	37.35 3.05 -4.11	36.93 3.00 -4.23	38.02 3.14 -4.65	39.67 3.41 -3.52	47.88 4.06 -3.25	77.65 5.53 -24.05	67.24 4.96 -16.38	56.64 4.36 -9.95	44.71 3.54 -6.08	42.43 3.41 -7.16	40.92 2.98 -8.12	38.96 2.59 -7.88
KEDC_PORT_JEFF_GT3 24211	42.05 2.65 -10.93	41.30 2.59 -10.27	37.77 2.50 -6.87	37.46 2.44 -6.64	38.36 2.44 -7.56	42.05 2.71 -10.81	48.43 3.42 -9.34	57.17 3.82 -13.56	45.71 3.56 -6.92	42.07 3.65 -4.02	37.64 3.27 -3.21	37.39 3.02 -3.92	37.35 3.05 -4.11	36.93 3.00 -4.23	38.02 3.14 -4.65	39.67 3.41 -3.52	47.88 4.06 -3.25	77.65 5.53 -24.05	67.24 4.96 -16.38	56.64 4.36 -9.95	44.71 3.54 -6.08	42.43 3.41 -7.16	40.92 2.98 -8.12	38.96 2.59 -7.88
KEDC_GLWD_GT4 24219	41.93 2.53 -10.93	41.18 2.47 -10.27	37.69 2.41 -6.87	37.35 2.33 -6.64	38.22 2.30 -7.56	41.90 2.57 -10.81	48.40 3.39 -9.34	57.29 3.94 -13.56	45.61 3.45 -6.92	42.00 3.58 -4.02	37.64 3.27 -3.21	37.39 3.02 -3.92	37.35 3.05 -4.11	36.93 3.00 -4.23	37.93 3.05 -4.65	39.54 3.27 -3.52	47.92 4.10 -3.25	77.65 5.53 -24.05	67.20 4.96 -16.34	56.68 4.40 -9.95	44.68 3.51 -6.08	42.30 3.28 -7.16	40.71 2.77 -8.12	38.76 2.39 -7.88
KEDC_GLWD_GT5 24220	41.93 2.53 -10.93	41.18 2.47 -10.27	37.69 2.41 -6.87	37.35 2.33 -6.64	38.22 2.30 -7.56	41.90 2.57 -10.81	48.40 3.39 -9.34	57.29 3.94 -13.56	45.61 3.45 -6.92	42.00 3.58 -4.02	37.64 3.27 -3.21	37.39 3.02 -3.92	37.35 3.05 -4.11	36.93 3.00 -4.23	37.93 3.05 -4.65	39.54 3.27 -3.52	47.92 4.10 -3.25	77.65 5.53 -24.05	67.20 4.96 -16.34	56.68 4.40 -9.95	44.68 3.51 -6.08	42.30 3.28 -7.16	40.71 2.77 -8.12	38.76 2.39 -7.88
KENSICO____ 23655	32.96 1.91 -2.59	31.07 1.91 -0.73	30.33 1.85 -0.08	30.17 1.79 0.00	30.09 1.73 0.00	34.41 1.91 -3.97	47.67 2.67 -9.33	56.48 3.14 -13.55	44.86 2.71 -6.91	37.19 2.79 0.00	33.65 2.49 0.00	32.80 2.34 0.00	32.55 2.35 0.00	32.01 2.32 0.00	32.59 2.36 0.00	35.27 2.52 0.00	43.65 3.08 0.00	67.55 4.28 -15.20	51.05 3.81 -1.35	45.58 3.26 0.00	37.76 2.67 0.00	34.38 2.52 0.00	31.94 2.12 0.00	30.23 1.74 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	32.87 1.94 -2.46	31.07 1.93 -0.70	30.36 1.87 -0.07	30.17 1.79 0.00	30.09 1.73 0.00	34.16 1.85 -3.79	47.23 2.67 -8.89	55.63 2.94 -12.90	44.27 2.47 -6.57	36.85 2.44 0.00	33.25 2.09 0.00	32.40 1.95 0.00	31.85 1.66 0.00	31.30 1.60 0.00	31.90 1.66 0.00	34.65 1.90 0.00	43.00 2.43 0.00	66.20 3.65 -14.47	50.44 3.26 -1.28	45.08 2.75 0.00	37.58 2.49 0.00	34.12 2.26 0.00	31.70 1.88 0.00	30.06 1.57 0.00
KIAC_JFK_GT1 23816	33.02 1.96 -2.59	31.10 1.93 -0.73	30.36 1.87 -0.08	30.17 1.79 0.00	30.11 1.76 0.00	34.44 1.94 -3.98	47.83 2.82 -9.35	56.77 3.42 -13.57	45.08 2.92 -6.92	37.54 3.13 0.00	33.93 2.77 0.00	33.04 2.59 0.00	32.79 2.60 0.00	32.22 2.52 0.00	32.83 2.60 0.00	35.50 2.75 0.00	43.94 3.37 0.00	68.01 4.71 -15.22	51.47 4.22 -1.35	46.01 3.68 0.00	38.04 2.95 0.00	34.69 2.84 0.00	32.17 2.36 0.00	30.35 1.85 0.00
KIAC_JFK_GT2 23817	33.02 1.96 -2.59	31.10 1.93 -0.73	30.36 1.87 -0.08	30.17 1.79 0.00	30.11 1.76 0.00	34.44 1.94 -3.98	47.83 2.82 -9.35	56.77 3.42 -13.57	45.08 2.92 -6.92	37.54 3.13 0.00	33.93 2.77 0.00	33.04 2.59 0.00	32.79 2.60 0.00	32.22 2.52 0.00	32.83 2.60 0.00	35.50 2.75 0.00	43.94 3.37 0.00	68.01 4.71 -15.22	51.47 4.22 -1.35	46.01 3.68 0.00	38.04 2.95 0.00	34.69 2.84 0.00	32.17 2.36 0.00	30.35 1.85 0.00

KIAC_JFK____ 323774	33.05 1.99 -2.59	31.10 1.93 -0.73	30.36 1.87 -0.08	30.17 1.79 0.00	30.12 1.76 0.00	34.53 2.03 -3.98	47.83 2.82 -9.35	56.77 3.42 -13.57	45.12 2.96 -6.92	37.53 3.13 0.00	33.96 2.81 0.00	33.01 2.56 0.00	32.79 2.60 0.00	32.22 2.52 0.00	32.83 2.60 0.00	35.50 2.75 0.00	43.93 3.37 0.00	68.01 4.71 -15.22	51.47 4.22 -1.35	46.09 3.77 0.00	38.04 2.95 0.00	34.69 2.83 0.00	32.17 2.36 0.00	30.40 1.91 0.00
KINTIGH____ 23543	27.78 -1.34 -0.65	27.37 -1.25 -0.18	26.92 -1.51 -0.02	26.88 -1.50 0.00	26.85 -1.50 0.00	28.58 -0.94 -1.00	36.54 -1.46 -2.34	41.19 -1.99 -3.39	35.63 -1.34 -1.73	33.51 -0.89 0.00	30.44 -0.72 0.00	30.15 -0.30 0.00	29.80 -0.39 0.00	29.19 -0.50 0.00	29.54 -0.70 0.00	31.70 -1.05 0.00	39.27 -1.30 0.00	51.11 -0.77 -3.81	44.68 -1.56 -0.34	41.14 -1.19 0.00	33.90 -1.19 0.00	30.36 -1.50 0.00	29.31 -0.51 0.00	27.78 -0.71 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.41 0.94 0.00	29.49 1.05 0.00	29.34 0.94 0.00	29.29 0.91 0.00	29.24 0.88 0.00	29.35 0.83 0.00	36.88 1.21 0.00	41.42 1.63 0.00	36.50 1.27 0.00	35.37 0.96 0.00	32.03 0.87 0.00	31.34 0.88 0.00	31.07 0.88 0.00	30.38 0.68 0.00	31.14 0.91 0.00	33.67 0.92 0.00	41.74 1.18 0.00	49.37 1.30 0.00	47.51 1.61 0.00	43.76 1.44 0.00	36.21 1.12 0.00	32.91 1.05 0.00	30.68 0.86 0.00	29.29 0.80 0.00
LACHUTE____HYDRO 323717	34.66 2.79 -3.41	32.19 2.79 -0.96	31.18 2.67 -0.10	30.99 2.61 0.00	31.50 3.15 0.00	37.01 3.25 -5.23	52.44 4.49 -12.29	62.35 4.73 -17.84	48.95 4.65 -9.06	38.81 4.40 0.00	34.93 3.77 0.00	33.92 3.47 0.00	33.60 3.41 0.00	32.90 3.21 0.00	33.59 3.36 0.00	36.42 3.67 0.00	45.11 4.54 0.00	73.67 5.67 -19.93	53.31 5.64 -1.76	47.07 4.74 0.00	38.92 3.83 0.00	35.04 3.19 0.00	33.04 3.22 0.00	31.20 2.71 0.00
LAWRNCV_115KV_TB1 80681	28.71 0.17 -0.07	28.69 0.23 -0.02	28.64 0.23 0.00	28.61 0.23 0.00	28.58 0.23 0.00	28.77 0.14 -0.11	36.27 0.36 -0.25	40.74 0.60 -0.36	35.81 0.39 -0.19	34.65 0.24 0.00	31.35 0.19 0.00	30.67 0.21 0.00	30.40 0.21 0.00	29.67 -0.03 0.00	30.29 0.06 0.00	32.85 0.10 0.00	40.73 0.16 0.00	48.19 -0.29 -0.40	46.21 0.28 -0.04	42.66 0.34 0.00	35.34 0.25 0.00	32.02 0.16 0.00	29.88 0.06 0.00	28.55 0.06 0.00
LEDERLE____ 23769	32.91 1.96 -2.48	31.07 1.93 -0.70	30.36 1.87 -0.07	30.20 1.82 0.00	30.11 1.76 0.00	34.27 1.94 -3.81	47.36 2.75 -8.95	55.96 3.18 -12.99	44.54 2.68 -6.63	37.16 2.75 0.00	33.65 2.49 0.00	32.80 2.34 0.00	32.52 2.32 0.00	31.98 2.29 0.00	32.56 2.33 0.00	35.24 2.49 0.00	43.69 3.12 0.00	67.07 4.42 -14.57	51.09 3.90 -1.29	45.71 3.39 0.00	37.79 2.70 0.00	34.38 2.52 0.00	31.94 2.12 0.00	30.23 1.74 0.00
LIGHTHSE_115KV_TB6 355974	28.64 -0.26 -0.43	28.33 -0.23 -0.12	28.14 -0.28 -0.01	28.07 -0.31 0.00	28.04 -0.31 0.00	29.02 -0.17 -0.67	37.02 -0.21 -1.57	41.78 -0.28 -2.28	36.14 -0.25 -1.16	34.16 -0.24 0.00	30.91 -0.25 0.00	30.33 -0.12 0.00	29.98 -0.21 0.00	29.49 -0.27 0.00	29.96 -0.36 0.00	32.39 -0.36 0.00	40.24 -0.32 0.00	50.72 0.10 -2.55	46.08 -0.05 -0.23	42.20 -0.13 0.00	34.92 -0.18 0.00	31.60 -0.25 0.00	29.73 -0.09 0.00	28.44 -0.06 0.00
LINDEN COGEN____ 23786	32.91 1.85 -2.59	30.99 1.82 -0.73	30.25 1.76 -0.08	30.08 1.70 0.00	30.03 1.67 0.00	34.39 1.88 -3.98	47.58 2.57 -9.35	56.42 3.06 -13.57	44.83 2.68 -6.92	37.26 2.85 0.00	33.78 2.62 0.00	32.80 2.35 0.00	32.58 2.38 0.00	32.04 2.35 0.00	32.62 2.39 0.00	35.24 2.49 0.00	43.49 2.92 0.00	67.53 4.23 -15.22	50.96 3.72 -1.35	45.63 3.30 0.00	37.69 2.60 0.00	34.44 2.58 0.00	31.94 2.12 0.00	30.26 1.77 0.00
LINDHRST_69_KV_BK1 356055	42.07 2.68 -10.93	41.35 2.64 -10.27	37.83 2.56 -6.87	37.52 2.50 -6.64	38.39 2.47 -7.56	42.02 2.68 -10.81	48.61 3.60 -9.34	57.49 4.14 -13.56	45.78 3.63 -6.92	42.17 3.75 -4.02	37.74 3.37 -3.21	37.54 3.17 -3.92	37.47 3.17 -4.11	37.05 3.12 -4.23	38.09 3.20 -4.65	39.74 3.47 -3.52	48.08 4.26 -3.25	77.80 5.67 -24.05	67.38 5.14 -16.34	56.76 4.49 -9.95	44.85 3.68 -6.08	42.46 3.44 -7.16	40.95 3.01 -8.12	38.94 2.56 -7.88
LIPA_MISC_IPP 23656	42.05 2.65 -10.93	41.33 2.62 -10.27	37.80 2.53 -6.87	37.49 2.47 -6.64	38.36 2.44 -7.56	41.99 2.65 -10.81	48.54 3.53 -9.34	57.33 3.98 -13.56	45.71 3.56 -6.92	42.07 3.65 -4.02	37.61 3.24 -3.21	37.42 3.05 -3.92	37.35 3.05 -4.11	36.90 2.97 -4.23	37.96 3.08 -4.65	39.71 3.44 -3.52	48.04 4.22 -3.25	77.85 5.72 -24.05	67.47 5.19 -16.38	56.76 4.49 -9.95	44.85 3.68 -6.08	42.49 3.47 -7.16	40.95 3.01 -8.12	38.91 2.54 -7.88
LISF____SOLAR 323691	42.10 2.71 -10.93	41.38 2.67 -10.27	37.86 2.58 -6.87	37.52 2.50 -6.64	38.42 2.50 -7.56	42.10 2.77 -10.81	48.61 3.60 -9.34	57.41 4.06 -13.56	45.78 3.63 -6.92	42.11 3.68 -4.02	37.67 3.30 -3.21	37.39 3.02 -3.92	37.38 3.08 -4.11	36.96 3.03 -4.23	38.05 3.17 -4.65	39.74 3.47 -3.52	48.16 4.34 -3.25	77.99 5.86 -24.05	67.56 5.28 -16.38	56.97 4.70 -9.95	44.93 3.76 -6.08	42.58 3.57 -7.16	41.01 3.07 -8.12	39.02 2.65 -7.88
LITTLE FALLS____HYD 24013	29.67 1.14 -0.07	29.60 1.14 -0.02	29.52 1.11 0.00	29.43 1.05 0.00	29.41 1.05 0.00	29.74 1.11 -0.11	37.37 1.46 -0.25	41.78 1.63 -0.36	36.83 1.41 -0.18	35.81 1.41 0.00	32.44 1.28 0.00	31.76 1.31 0.00	31.46 1.27 0.00	30.97 1.28 0.00	31.50 1.27 0.00	34.19 1.44 0.00	42.43 1.87 0.00	50.79 2.31 -0.41	48.14 2.20 -0.04	44.36 2.03 0.00	36.81 1.72 0.00	33.45 1.59 0.00	31.34 1.52 0.00	29.98 1.48 0.00
LITTLRIV_115KV_TB1 356100	29.00 0.46 -0.07	28.97 0.51 -0.02	28.89 0.48 0.00	28.89 0.51 0.00	28.87 0.51 0.00	29.09 0.46 -0.11	36.71 0.78 -0.26	41.28 1.11 -0.38	36.28 0.85 -0.20	35.09 0.69 0.00	31.72 0.56 0.00	31.09 0.64 0.00	30.76 0.57 0.00	30.05 0.36 0.00	30.69 0.45 0.00	33.24 0.49 0.00	41.26 0.69 0.00	48.84 0.34 -0.43	46.85 0.92 -0.04	43.26 0.93 0.00	35.83 0.74 0.00	32.43 0.57 0.00	30.24 0.42 0.00	28.87 0.37 0.00
LI_NEWBRDGE____DRP 323616	41.76 2.36 -10.93	41.04 2.33 -10.27	37.55 2.27 -6.87	37.23 2.21 -6.64	38.08 2.16 -7.56	41.68 2.34 -10.81	48.15 3.14 -9.34	56.97 3.62 -13.56	45.33 3.17 -6.92	41.80 3.37 -4.02	37.36 2.99 -3.21	37.20 2.83 -3.92	37.14 2.84 -4.11	36.72 2.79 -4.23	37.72 2.84 -4.65	39.28 3.01 -3.52	47.51 3.69 -3.25	77.18 5.05 -24.05	66.74 4.50 -16.34	56.21 3.94 -9.95	44.36 3.19 -6.08	42.04 3.03 -7.16	40.53 2.59 -8.12	38.57 2.19 -7.88
LOCKPORT_115KV_TB60_63_64 80432	27.43 -1.71 -0.67	27.01 -1.62 -0.19	26.75 -1.68 -0.02	26.73 -1.65 0.00	26.68 -1.67 0.00	28.33 -1.23 -1.04	36.27 -1.82 -2.43	40.89 -2.43 -3.53	35.41 -1.62 -1.80	33.54 -0.86 0.00	30.50 -0.65 0.00	30.27 -0.18 0.00	29.92 -0.27 0.00	29.28 -0.42 0.00	29.60 -0.63 0.00	31.74 -1.02 0.00	39.35 -1.22 0.00	50.98 -1.06 -3.96	44.37 -1.88 -0.35	41.31 -1.02 0.00	33.97 -1.12 0.00	30.33 -1.53 0.00	29.43 -0.39 0.00	27.84 -0.66 0.00

LOCKPORT___CC1 323769	27.63 -1.51 -0.68	27.01 -1.62 -0.19	26.78 -1.65 -0.02	26.73 -1.65 0.00	26.68 -1.67 0.00	28.19 -1.37 -1.04	36.29 -1.82 -2.44	40.86 -2.47 -3.54	35.31 -1.73 -1.81	33.55 -0.86 0.00	30.50 -0.66 0.00	30.55 0.09 0.00	29.92 -0.27 0.00	29.28 -0.42 0.00	29.63 -0.60 0.00	31.74 -1.02 0.00	39.35 -1.22 0.00	51.04 -1.01 -3.97	44.32 -1.93 -0.35	40.25 -2.07 0.00	33.93 -1.16 0.00	30.33 -1.53 0.00	29.43 -0.39 0.00	27.93 -0.57 0.00
LOCKPORT___CC2 323770	27.63 -1.51 -0.68	27.01 -1.62 -0.19	26.78 -1.65 -0.02	26.73 -1.65 0.00	26.68 -1.67 0.00	28.19 -1.37 -1.04	36.29 -1.82 -2.44	40.86 -2.47 -3.54	35.31 -1.73 -1.81	33.55 -0.86 0.00	30.50 -0.66 0.00	30.55 0.09 0.00	29.92 -0.27 0.00	29.28 -0.42 0.00	29.63 -0.60 0.00	31.74 -1.02 0.00	39.35 -1.22 0.00	51.04 -1.01 -3.97	44.32 -1.93 -0.35	40.25 -2.07 0.00	33.93 -1.16 0.00	30.33 -1.53 0.00	29.43 -0.39 0.00	27.93 -0.57 0.00
LOCKPORT___CC3 323771	27.63 -1.51 -0.68	27.01 -1.62 -0.19	26.78 -1.65 -0.02	26.73 -1.65 0.00	26.68 -1.67 0.00	28.19 -1.37 -1.04	36.29 -1.82 -2.44	40.86 -2.47 -3.54	35.31 -1.73 -1.81	33.55 -0.86 0.00	30.50 -0.66 0.00	30.55 0.09 0.00	29.92 -0.27 0.00	29.28 -0.42 0.00	29.63 -0.60 0.00	31.74 -1.02 0.00	39.35 -1.22 0.00	51.04 -1.01 -3.97	44.32 -1.93 -0.35	40.25 -2.07 0.00	33.93 -1.16 0.00	30.33 -1.53 0.00	29.43 -0.39 0.00	27.93 -0.57 0.00
LONG_LAKE_PHOENIX 24014	28.51 -0.43 -0.47	28.17 -0.40 -0.13	27.97 -0.45 -0.01	27.90 -0.48 0.00	27.87 -0.48 0.00	28.85 -0.40 -0.73	36.77 -0.61 -1.71	41.52 -0.76 -2.49	35.90 -0.60 -1.27	33.89 -0.52 0.00	30.72 -0.44 0.00	30.12 -0.33 0.00	29.80 -0.39 0.00	29.28 -0.42 0.00	29.75 -0.48 0.00	32.19 -0.56 0.00	39.88 -0.69 0.00	50.48 -0.38 -2.79	45.50 -0.64 -0.25	41.69 -0.63 0.00	34.49 -0.60 0.00	31.29 -0.57 0.00	29.43 -0.39 0.00	28.18 -0.31 0.00
LOVETT___3 23632	32.81 1.85 -2.49	30.96 1.82 -0.70	30.24 1.76 -0.07	30.08 1.70 0.00	30.00 1.64 0.00	34.20 1.85 -3.82	47.25 2.60 -8.98	55.81 2.98 -13.04	44.42 2.54 -6.65	37.02 2.61 0.00	33.53 2.37 0.00	32.68 2.22 0.00	32.40 2.20 0.00	31.86 2.17 0.00	32.44 2.21 0.00	35.11 2.36 0.00	43.49 2.92 0.00	66.88 4.18 -14.62	50.87 3.67 -1.29	45.50 3.17 0.00	37.62 2.53 0.00	34.25 2.39 0.00	31.82 2.00 0.00	30.12 1.62 0.00
LOVETT___4 23642	32.81 1.85 -2.49	30.96 1.82 -0.70	30.24 1.76 -0.07	30.08 1.70 0.00	30.00 1.64 0.00	34.20 1.85 -3.82	47.25 2.60 -8.98	55.81 2.98 -13.04	44.42 2.54 -6.65	37.02 2.61 0.00	33.53 2.37 0.00	32.68 2.22 0.00	32.40 2.20 0.00	31.86 2.17 0.00	32.44 2.21 0.00	35.11 2.36 0.00	43.49 2.92 0.00	66.88 4.18 -14.62	50.87 3.67 -1.29	45.50 3.17 0.00	37.62 2.53 0.00	34.25 2.39 0.00	31.82 2.00 0.00	30.12 1.62 0.00
LOVETT___5 23593	32.81 1.85 -2.49	30.96 1.82 -0.70	30.24 1.76 -0.07	30.08 1.70 0.00	30.00 1.64 0.00	34.20 1.85 -3.82	47.25 2.60 -8.98	55.81 2.98 -13.04	44.42 2.54 -6.65	37.02 2.61 0.00	33.53 2.37 0.00	32.68 2.22 0.00	32.40 2.20 0.00	31.86 2.17 0.00	32.44 2.21 0.00	35.11 2.36 0.00	43.49 2.92 0.00	66.88 4.18 -14.62	50.87 3.67 -1.29	45.50 3.17 0.00	37.62 2.53 0.00	34.25 2.39 0.00	31.82 2.00 0.00	30.12 1.62 0.00
LOWER RAQUET___HYD 24057	28.72 0.17 -0.08	28.72 0.26 -0.02	28.64 0.23 0.00	28.63 0.25 0.00	28.58 0.23 0.00	28.76 0.11 -0.12	36.33 0.39 -0.28	40.83 0.63 -0.40	35.90 0.46 -0.21	34.68 0.27 0.00	31.38 0.22 0.00	30.70 0.24 0.00	30.43 0.24 0.00	29.70 0.00 0.00	30.32 0.09 0.00	32.92 0.16 0.00	40.77 0.20 0.00	48.29 -0.24 -0.45	46.30 0.37 -0.04	42.75 0.42 0.00	35.37 0.28 0.00	32.08 0.22 0.00	29.91 0.09 0.00	28.52 0.03 0.00
LOWER___HUDSON 24059	33.09 1.28 -3.34	30.66 1.28 -0.94	29.76 1.25 -0.10	29.60 1.22 0.00	29.66 1.31 0.00	35.14 1.48 -5.13	49.61 1.89 -12.05	59.35 2.07 -17.50	46.03 1.90 -8.90	36.12 1.72 0.00	32.62 1.46 0.00	31.70 1.25 0.00	31.55 1.36 0.00	31.09 1.40 0.00	31.71 1.48 0.00	34.42 1.67 0.00	42.64 2.07 0.00	70.23 2.59 -19.56	50.06 2.43 -1.73	44.36 2.03 0.00	36.81 1.72 0.00	33.45 1.59 0.00	31.19 1.37 0.00	29.64 1.14 0.00
LOWVILLE_115KV_TB2 356335	29.05 0.40 -0.19	28.89 0.40 -0.05	28.81 0.40 -0.01	28.72 0.34 0.00	28.73 0.37 0.00	29.30 0.48 -0.29	37.24 0.89 -0.68	41.93 1.15 -0.99	36.65 0.92 -0.50	35.23 0.83 0.00	31.81 0.65 0.00	31.19 0.73 0.00	30.79 0.60 0.00	30.29 0.59 0.00	30.84 0.60 0.00	33.44 0.69 0.00	41.58 1.01 0.00	50.58 1.39 -1.11	47.51 1.51 -0.10	43.64 1.31 0.00	36.11 1.02 0.00	32.62 0.76 0.00	30.48 0.66 0.00	29.06 0.57 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.43 1.57 -3.40	30.96 1.56 -0.96	30.04 1.53 -0.10	29.88 1.50 0.00	30.03 1.67 0.00	35.46 1.71 -5.23	50.32 2.39 -12.27	60.14 2.55 -17.81	46.75 2.47 -9.05	36.68 2.27 0.00	33.12 1.96 0.00	32.22 1.77 0.00	32.00 1.81 0.00	31.48 1.78 0.00	32.08 1.84 0.00	34.81 2.06 0.00	43.12 2.56 0.00	71.19 3.22 -19.90	50.74 3.08 -1.76	44.78 2.45 0.00	37.23 2.14 0.00	33.77 1.91 0.00	31.58 1.76 0.00	29.95 1.45 0.00
LUTHERNY_35_KV_BK2 355980	33.46 1.59 -3.40	30.99 1.59 -0.96	30.07 1.56 -0.10	29.91 1.53 0.00	30.03 1.67 0.00	35.49 1.74 -5.23	50.36 2.43 -12.27	60.18 2.59 -17.81	46.78 2.50 -9.05	36.71 2.31 0.00	33.15 1.99 0.00	32.25 1.80 0.00	32.03 1.84 0.00	31.48 1.78 0.00	32.11 1.87 0.00	34.81 2.06 0.00	43.12 2.56 0.00	71.19 3.22 -19.90	50.78 3.12 -1.76	44.82 2.50 0.00	37.27 2.18 0.00	33.80 1.94 0.00	31.61 1.79 0.00	29.98 1.48 0.00
LWR___OSWEGATCHIE_HYD 23850	28.72 0.11 -0.14	28.62 0.14 -0.04	28.53 0.11 0.00	28.49 0.11 0.00	28.50 0.14 0.00	28.91 0.17 -0.21	36.59 0.43 -0.50	41.19 0.68 -0.73	36.06 0.46 -0.37	34.71 0.31 0.00	31.41 0.25 0.00	30.76 0.30 0.00	30.43 0.24 0.00	29.82 0.12 0.00	30.38 0.15 0.00	32.95 0.20 0.00	40.93 0.37 0.00	49.23 0.34 -0.81	46.66 0.69 -0.07	42.92 0.59 0.00	35.55 0.46 0.00	32.15 0.29 0.00	30.00 0.18 0.00	28.64 0.14 0.00
LYONS_FALL_HYD 23570	29.13 0.48 -0.18	29.00 0.51 -0.05	28.90 0.48 -0.01	28.83 0.45 0.00	28.81 0.45 0.00	29.37 0.57 -0.28	37.28 0.96 -0.65	41.97 1.23 -0.94	36.74 1.02 -0.48	35.37 0.96 0.00	31.97 0.81 0.00	31.34 0.88 0.00	30.95 0.76 0.00	30.44 0.74 0.00	30.99 0.76 0.00	33.57 0.82 0.00	41.75 1.18 0.00	50.67 1.54 -1.06	47.55 1.56 -0.09	43.64 1.31 0.00	36.14 1.05 0.00	32.69 0.83 0.00	30.56 0.75 0.00	29.15 0.66 0.00
MADISON___COUNTY_LFGE 323628	29.51 0.74 -0.30	29.29 0.77 -0.09	29.16 0.74 -0.01	29.09 0.71 0.00	29.07 0.71 0.00	29.85 0.86 -0.47	37.98 1.21 -1.10	42.85 1.47 -1.60	37.31 1.27 -0.81	35.71 1.31 0.00	32.31 1.15 0.00	31.67 1.22 0.00	31.31 1.12 0.00	30.80 1.10 0.00	31.32 1.09 0.00	33.90 1.15 0.00	42.07 1.50 0.00	51.89 2.02 -1.79	47.85 1.79 -0.16	43.93 1.61 0.00	36.35 1.26 0.00	32.88 1.02 0.00	30.80 0.98 0.00	29.44 0.94 0.00

MALONE___115KV_TB1 356076	29.12 0.65 0.00	29.18 0.74 0.00	29.09 0.68 0.00	29.03 0.65 0.00	29.01 0.65 0.00	29.09 0.57 0.00	36.55 0.89 0.00	41.02 1.23 0.00	36.18 0.95 0.00	35.13 0.72 0.00	31.78 0.62 0.00	31.06 0.61 0.00	30.83 0.63 0.00	30.11 0.42 0.00	30.84 0.60 0.00	33.47 0.72 0.00	41.46 0.89 0.00	48.94 0.87 0.00	47.18 1.29 0.00	43.47 1.14 0.00	35.97 0.88 0.00	32.66 0.80 0.00	30.45 0.63 0.00	29.06 0.57 0.00
MAPLEWOD_115KV_TB3 80458	32.95 1.17 -3.32	30.54 1.17 -0.94	29.64 1.14 -0.10	29.49 1.11 0.00	29.52 1.16 0.00	34.87 1.26 -5.10	49.34 1.71 -11.96	59.02 1.87 -17.37	45.80 1.73 -8.84	35.95 1.55 0.00	32.47 1.31 0.00	31.61 1.16 0.00	31.43 1.24 0.00	30.97 1.28 0.00	31.56 1.33 0.00	34.29 1.54 0.00	42.43 1.87 0.00	69.86 2.36 -19.43	49.87 2.25 -1.72	44.06 1.74 0.00	36.67 1.58 0.00	33.36 1.50 0.00	31.04 1.22 0.00	29.44 0.94 0.00
MAPLE_RIDGE_WT_1 323574	27.76 -0.71 0.00	27.73 -0.71 0.00	27.73 -0.68 0.00	27.70 -0.68 0.00	27.68 -0.68 0.00	27.75 -0.77 0.00	34.77 -0.89 0.00	38.95 -0.84 0.00	34.56 -0.67 0.00	33.75 -0.65 0.00	30.63 -0.53 0.00	29.97 -0.49 0.00	29.74 -0.45 0.00	29.28 -0.42 0.00	29.87 -0.36 0.00	32.42 -0.33 0.00	40.16 -0.41 0.00	47.31 -0.77 0.00	45.67 -0.23 0.00	42.16 -0.17 0.00	34.95 -0.14 0.00	31.73 -0.13 0.00	29.67 -0.15 0.00	28.35 -0.14 0.00
MAPLE_RIDGE_WT_2 323611	27.76 -0.71 0.00	27.73 -0.71 0.00	27.73 -0.68 0.00	27.70 -0.68 0.00	27.68 -0.68 0.00	27.75 -0.77 0.00	34.77 -0.89 0.00	38.95 -0.84 0.00	34.56 -0.67 0.00	33.75 -0.65 0.00	30.63 -0.53 0.00	29.97 -0.49 0.00	29.74 -0.45 0.00	29.28 -0.42 0.00	29.87 -0.36 0.00	32.42 -0.33 0.00	40.16 -0.41 0.00	47.31 -0.77 0.00	45.67 -0.23 0.00	42.16 -0.17 0.00	34.95 -0.14 0.00	31.73 -0.13 0.00	29.67 -0.15 0.00	28.35 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	28.89 0.43 0.00	28.98 0.54 0.00	28.89 0.48 0.00	28.83 0.45 0.00	28.78 0.43 0.00	28.81 0.29 0.00	36.20 0.54 0.00	40.54 0.75 0.00	35.79 0.56 0.00	34.75 0.34 0.00	31.47 0.31 0.00	30.76 0.30 0.00	30.49 0.30 0.00	29.88 0.18 0.00	30.54 0.30 0.00	33.18 0.42 0.00	41.09 0.53 0.00	48.46 0.38 0.00	46.63 0.73 0.00	43.04 0.72 0.00	35.65 0.56 0.00	32.43 0.57 0.00	30.27 0.45 0.00	28.89 0.40 0.00
MARSHVLE_115KV_TB1 80742	33.61 0.97 -4.18	30.61 1.00 -1.18	29.50 0.97 -0.12	29.32 0.94 0.00	29.52 1.16 0.00	36.28 1.34 -6.42	52.91 2.18 -15.07	64.13 2.47 -21.88	48.62 2.25 -11.13	36.47 2.06 0.00	32.84 1.68 0.00	32.01 1.55 0.00	31.67 1.48 0.00	31.09 1.40 0.00	31.53 1.30 0.00	34.36 1.60 0.00	42.72 2.15 0.00	75.63 3.08 -24.48	51.10 3.03 -2.17	44.82 2.50 0.00	37.09 2.00 0.00	33.61 1.75 0.00	31.28 1.46 0.00	29.49 1.00 0.00
MARSH_HILL_WT_PWR 323713	28.57 -0.71 -0.82	27.82 -0.85 -0.23	27.75 -0.68 -0.02	27.70 -0.68 0.00	27.71 -0.65 0.00	29.21 -0.57 -1.26	38.15 -0.46 -2.95	43.27 -0.80 -4.28	37.00 -0.42 -2.19	34.78 0.38 0.00	31.72 0.56 0.00	31.58 1.13 0.00	31.10 0.90 0.00	30.62 0.92 0.00	31.02 0.78 0.00	33.31 0.56 0.00	41.46 0.89 0.00	54.52 1.64 -4.81	46.97 0.64 -0.43	43.00 0.68 0.00	35.90 0.81 0.00	32.30 0.45 0.00	30.86 1.04 0.00	29.29 0.80 0.00
MCINTYRE_115KV_TB2 80467	29.07 0.54 -0.07	29.05 0.60 -0.02	29.01 0.60 0.00	28.98 0.60 0.00	28.98 0.62 0.00	29.17 0.54 -0.10	36.83 0.93 -0.24	41.53 1.39 -0.35	36.45 1.06 -0.16	35.26 0.86 0.00	31.84 0.69 0.00	31.22 0.76 0.00	30.89 0.69 0.00	30.14 0.45 0.00	30.81 0.57 0.00	33.41 0.66 0.00	41.46 0.89 0.00	48.99 0.58 -0.33	47.17 1.24 -0.03	43.55 1.23 0.00	35.93 0.84 0.00	32.53 0.67 0.00	30.33 0.51 0.00	28.95 0.46 0.00
MECO___69_KV_BK1 80468	34.43 1.99 -3.97	31.58 2.02 -1.12	30.46 1.93 -0.12	30.31 1.93 0.00	30.74 2.38 0.00	37.10 2.48 -6.10	53.73 3.74 -14.32	64.79 4.22 -20.79	49.86 4.05 -10.57	38.19 3.78 0.00	34.31 3.15 0.00	33.41 2.95 0.00	33.06 2.87 0.00	32.28 2.58 0.00	32.95 2.72 0.00	36.03 3.28 0.00	44.83 4.26 0.00	76.71 5.38 -23.25	53.14 5.19 -2.06	46.73 4.40 0.00	38.67 3.58 0.00	34.89 3.03 0.00	32.38 2.56 0.00	30.35 1.85 0.00
MENANDS__115KV_TB5 355628	32.80 1.02 -3.31	30.40 1.02 -0.93	29.50 0.99 -0.10	29.34 0.96 0.00	29.38 1.02 0.00	34.69 1.08 -5.08	49.10 1.50 -11.94	58.75 1.63 -17.33	45.53 1.48 -8.82	35.75 1.34 0.00	32.28 1.12 0.00	31.40 0.94 0.00	31.22 1.03 0.00	30.80 1.10 0.00	31.38 1.15 0.00	34.09 1.34 0.00	42.19 1.62 0.00	69.49 2.02 -19.39	49.54 1.93 -1.72	43.76 1.44 0.00	36.42 1.33 0.00	33.16 1.31 0.00	30.86 1.04 0.00	29.26 0.77 0.00
MG INDUSTRY___DRP 24185	32.68 0.94 -3.28	30.30 0.94 -0.93	29.44 0.94 -0.10	29.29 0.91 0.00	29.26 0.91 0.00	34.56 1.00 -5.04	48.84 1.36 -11.82	58.42 1.47 -17.16	45.28 1.30 -8.75	35.61 1.20 0.00	32.19 1.03 0.00	31.37 0.91 0.00	31.16 0.97 0.00	30.71 1.01 0.00	31.29 1.06 0.00	33.93 1.18 0.00	41.99 1.42 0.00	69.23 1.92 -19.23	49.35 1.74 -1.70	43.68 1.35 0.00	36.32 1.23 0.00	33.07 1.21 0.00	30.80 0.98 0.00	29.26 0.77 0.00
MID___OSWEGATCHIE_HYD 23849	28.72 0.11 -0.14	28.62 0.14 -0.04	28.53 0.11 0.00	28.49 0.11 0.00	28.50 0.14 0.00	28.91 0.17 -0.21	36.59 0.43 -0.50	41.19 0.68 -0.73	36.06 0.46 -0.37	34.71 0.31 0.00	31.41 0.25 0.00	30.76 0.30 0.00	30.43 0.24 0.00	29.82 0.12 0.00	30.38 0.15 0.00	32.95 0.20 0.00	40.93 0.37 0.00	49.23 0.34 -0.81	46.66 0.69 -0.07	42.92 0.59 0.00	35.55 0.46 0.00	32.15 0.29 0.00	30.00 0.18 0.00	28.64 0.14 0.00
MID___RAQUETTE_HYD 23851	28.74 0.20 -0.08	28.72 0.26 -0.02	28.64 0.23 0.00	28.63 0.26 0.00	28.61 0.26 0.00	28.81 0.17 -0.12	36.33 0.39 -0.28	40.83 0.64 -0.40	35.90 0.46 -0.21	34.68 0.28 0.00	31.38 0.22 0.00	30.70 0.24 0.00	30.43 0.24 0.00	29.70 0.00 0.00	30.32 0.09 0.00	32.91 0.16 0.00	40.77 0.20 0.00	48.33 -0.19 -0.45	46.31 0.37 -0.04	42.71 0.38 0.00	35.37 0.28 0.00	32.08 0.22 0.00	29.91 0.09 0.00	28.58 0.09 0.00
MILLIKEN___1 23584	29.74 0.48 -0.79	29.14 0.48 -0.22	28.91 0.48 -0.02	28.83 0.45 0.00	28.81 0.45 0.00	30.36 0.63 -1.21	39.33 0.82 -2.84	44.79 0.88 -4.13	38.28 0.92 -2.14	35.44 1.03 0.00	32.16 1.00 0.00	31.55 1.10 0.00	31.16 0.97 0.00	30.62 0.92 0.00	31.08 0.85 0.00	33.57 0.82 0.00	41.70 1.14 0.00	54.63 1.92 -4.63	47.73 1.42 -0.41	43.68 1.35 0.00	36.11 1.02 0.00	32.66 0.80 0.00	30.71 0.89 0.00	29.29 0.80 0.00
MILLIKEN___2 23585	29.74 0.48 -0.79	29.14 0.48 -0.22	28.91 0.48 -0.02	28.83 0.45 0.00	28.81 0.45 0.00	30.36 0.63 -1.21	39.33 0.82 -2.84	44.79 0.88 -4.13	38.28 0.92 -2.14	35.44 1.03 0.00	32.16 1.00 0.00	31.55 1.10 0.00	31.16 0.97 0.00	30.62 0.92 0.00	31.08 0.85 0.00	33.57 0.82 0.00	41.70 1.14 0.00	54.63 1.92 -4.63	47.73 1.42 -0.41	43.68 1.35 0.00	36.11 1.02 0.00	32.66 0.80 0.00	30.71 0.89 0.00	29.29 0.80 0.00

MILLIKEN___DIESEL 23629	29.74 0.48 -0.79	29.14 0.48 -0.22	28.91 0.48 -0.02	28.83 0.45 0.00	28.81 0.45 0.00	30.36 0.63 -1.21	39.33 0.82 -2.84	44.79 0.88 -4.13	38.28 0.92 -2.14	35.44 1.03 0.00	32.16 1.00 0.00	31.55 1.10 0.00	31.16 0.97 0.00	30.62 0.92 0.00	31.08 0.85 0.00	33.57 0.82 0.00	41.70 1.14 0.00	54.63 1.92 -4.63	47.73 1.42 -0.41	43.68 1.35 0.00	36.11 1.02 0.00	32.66 0.80 0.00	30.71 0.89 0.00	29.29 0.80 0.00
MILLSEAT___LFGE 323607	28.11 -1.02 -0.66	27.52 -1.11 -0.19	27.21 -1.22 -0.02	27.21 -1.16 0.00	27.17 -1.19 0.00	28.71 -0.83 -1.02	37.02 -1.04 -2.39	41.71 -1.55 -3.48	36.06 -0.95 -1.77	34.17 -0.24 0.00	31.07 -0.09 0.00	31.06 0.61 0.00	30.40 0.21 0.00	29.76 0.06 0.00	30.08 -0.15 0.00	32.29 -0.46 0.00	40.12 -0.45 0.00	52.17 0.19 -3.90	45.33 -0.92 -0.35	41.18 -1.14 0.00	34.63 -0.46 0.00	30.93 -0.92 0.00	29.91 0.09 0.00	28.35 -0.14 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	32.92 1.88 -2.58	31.01 1.85 -0.73	30.27 1.79 -0.08	30.11 1.73 0.00	30.03 1.67 0.00	34.34 1.85 -3.96	47.57 2.60 -9.30	56.31 3.02 -13.50	44.73 2.61 -6.89	37.09 2.68 0.00	33.56 2.40 0.00	32.71 2.25 0.00	32.46 2.26 0.00	31.92 2.23 0.00	32.50 2.27 0.00	35.17 2.42 0.00	43.57 3.00 0.00	67.40 4.18 -15.14	50.91 3.67 -1.34	45.50 3.17 0.00	37.65 2.56 0.00	34.31 2.45 0.00	31.85 2.03 0.00	30.15 1.65 0.00
MILLWOOD_13_KV_LOAD 356217	32.98 1.94 -2.58	31.10 1.93 -0.73	30.33 1.85 -0.08	30.17 1.79 0.00	30.09 1.73 0.00	34.39 1.91 -3.96	47.67 2.71 -9.30	56.43 3.14 -13.50	44.83 2.71 -6.89	37.19 2.79 0.00	33.68 2.52 0.00	32.80 2.34 0.00	32.55 2.35 0.00	31.98 2.29 0.00	32.56 2.33 0.00	35.27 2.52 0.00	43.69 3.12 0.00	67.55 4.33 -15.14	51.10 3.86 -1.34	45.63 3.30 0.00	37.76 2.67 0.00	34.34 2.48 0.00	31.88 2.06 0.00	30.18 1.68 0.00
MODEL_CITY_ENERGY 24167	27.35 -1.79 -0.68	26.73 -1.91 -0.19	26.47 -1.96 -0.02	26.42 -1.96 0.00	26.40 -1.96 0.00	27.91 -1.66 -1.04	35.90 -2.21 -2.45	40.40 -2.94 -3.56	34.94 -2.11 -1.82	33.13 -1.27 0.00	30.10 -1.06 0.00	30.15 -0.30 0.00	29.56 -0.64 0.00	28.92 -0.77 0.00	29.26 -0.97 0.00	31.31 -1.44 0.00	38.82 -1.74 0.00	50.39 -1.68 -3.99	43.77 -2.48 -0.35	39.70 -2.62 0.00	33.51 -1.58 0.00	29.95 -1.91 0.00	29.07 -0.74 0.00	27.58 -0.91 0.00
MODERN_LFGE___ 323580	27.35 -1.79 -0.68	26.73 -1.91 -0.19	26.47 -1.96 -0.02	26.42 -1.96 0.00	26.40 -1.96 0.00	27.91 -1.66 -1.04	35.90 -2.21 -2.45	40.40 -2.94 -3.56	34.94 -2.11 -1.82	33.13 -1.27 0.00	30.10 -1.06 0.00	30.15 -0.30 0.00	29.56 -0.64 0.00	28.92 -0.77 0.00	29.26 -0.97 0.00	31.31 -1.44 0.00	38.82 -1.74 0.00	50.39 -1.68 -3.99	43.77 -2.48 -0.35	39.70 -2.62 0.00	33.51 -1.58 0.00	29.95 -1.91 0.00	29.07 -0.74 0.00	27.58 -0.91 0.00
MOHAWK_PAPER___DRP 24187	32.95 1.17 -3.32	30.54 1.17 -0.94	29.64 1.14 -0.10	29.49 1.11 0.00	29.52 1.16 0.00	34.87 1.26 -5.10	49.34 1.71 -11.96	59.02 1.87 -17.37	45.80 1.73 -8.84	35.95 1.55 0.00	32.47 1.31 0.00	31.61 1.16 0.00	31.43 1.24 0.00	30.97 1.28 0.00	31.56 1.33 0.00	34.29 1.54 0.00	42.43 1.87 0.00	69.86 2.36 -19.43	49.87 2.25 -1.72	44.06 1.74 0.00	36.67 1.58 0.00	33.36 1.50 0.00	31.04 1.22 0.00	29.44 0.94 0.00
MOHICAN___35_KV_115KV_LD 80490	33.46 1.59 -3.40	31.02 1.62 -0.96	30.07 1.56 -0.10	29.88 1.50 0.00	30.14 1.79 0.00	35.58 1.83 -5.23	50.58 2.64 -12.28	60.36 2.75 -17.83	47.00 2.71 -9.06	36.92 2.51 0.00	33.31 2.15 0.00	32.31 1.86 0.00	32.06 1.87 0.00	31.51 1.81 0.00	32.11 1.87 0.00	34.75 2.00 0.00	43.00 2.43 0.00	71.12 3.12 -19.91	50.74 3.08 -1.76	44.70 2.37 0.00	37.13 2.04 0.00	33.61 1.75 0.00	31.64 1.82 0.00	29.98 1.48 0.00
MONGAUP___HYD 23641	32.54 1.74 -2.34	30.81 1.71 -0.66	30.12 1.65 -0.07	29.97 1.59 0.00	29.91 1.56 0.00	33.86 1.74 -3.60	46.43 2.32 -8.45	54.35 2.31 -12.26	43.56 2.08 -6.25	36.40 1.99 0.00	33.00 1.84 0.00	32.13 1.67 0.00	31.91 1.72 0.00	31.33 1.63 0.00	31.96 1.72 0.00	34.75 2.00 0.00	43.04 2.47 0.00	65.10 3.27 -13.75	50.15 3.03 -1.22	45.21 2.88 0.00	37.27 2.18 0.00	33.90 2.04 0.00	31.52 1.70 0.00	29.95 1.45 0.00
MONTAUK___DIESEL 23721	42.99 3.59 -10.93	42.21 3.50 -10.27	38.62 3.35 -6.87	38.31 3.29 -6.64	39.18 3.26 -7.56	42.90 3.57 -10.81	49.82 4.81 -9.34	58.80 5.45 -13.56	46.95 4.79 -6.92	43.21 4.78 -4.02	38.70 4.33 -3.21	38.45 4.08 -3.92	38.38 4.08 -4.11	37.88 3.95 -4.23	38.99 4.11 -4.65	40.89 4.62 -3.52	49.74 5.92 -3.25	79.96 7.84 -24.05	69.44 7.16 -16.38	58.62 6.35 -9.95	46.22 5.05 -6.08	43.70 4.68 -7.16	41.93 4.00 -8.12	39.79 3.42 -7.88
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.60 -1.59 -0.73	26.91 -1.73 -0.21	27.07 -1.36 -0.02	27.05 -1.33 0.00	27.11 -1.25 0.00	28.64 -1.00 -1.12	37.12 -1.18 -2.63	42.25 -1.35 -3.82	37.21 0.07 -1.91	35.61 1.20 0.00	32.00 0.84 0.00	31.89 1.43 0.00	31.49 1.30 0.00	30.80 1.10 0.00	31.14 0.91 0.00	33.31 0.56 0.00	41.50 0.93 0.00	53.56 1.20 -4.28	46.42 0.14 -0.38	43.60 1.27 0.00	35.83 0.74 0.00	32.05 0.19 0.00	30.92 1.10 0.00	29.15 0.66 0.00
MORTIMER_115KV_TB3 55949	28.40 -0.68 -0.62	28.04 -0.57 -0.17	27.57 -0.85 -0.02	27.58 -0.79 0.00	27.53 -0.82 0.00	29.13 -0.34 -0.95	37.31 -0.57 -2.22	42.14 -0.88 -3.22	36.42 -0.46 -1.65	34.23 -0.17 0.00	31.10 -0.06 0.00	30.70 0.24 0.00	30.34 0.15 0.00	29.73 0.03 0.00	30.11 -0.12 0.00	32.46 -0.29 0.00	40.20 -0.37 0.00	52.22 0.53 -3.62	45.85 -0.37 -0.32	42.20 -0.13 0.00	34.74 -0.35 0.00	31.19 -0.67 0.00	29.79 -0.03 0.00	28.32 -0.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.76 2.75 -9.35	56.66 3.30 -13.57	45.01 2.85 -6.92	37.40 2.99 0.00	33.84 2.68 0.00	32.95 2.50 0.00	32.70 2.51 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.90 2.81 0.00	34.53 2.68 0.00	32.09 2.27 0.00	30.35 1.85 0.00
MUNSVILLE_WIND_PWR 323609	31.48 1.96 -1.05	30.64 1.91 -0.30	30.31 1.87 -0.03	30.14 1.76 0.00	30.12 1.76 0.00	32.16 2.03 -1.61	42.59 3.14 -3.78	49.06 3.78 -5.49	41.28 3.24 -2.81	37.81 3.41 0.00	34.21 3.06 0.00	33.77 3.32 0.00	33.12 2.93 0.00	32.64 2.94 0.00	33.14 2.90 0.00	35.96 3.21 0.00	44.91 4.34 0.00	60.15 5.91 -6.16	51.86 5.41 -0.55	47.11 4.78 0.00	39.06 3.96 0.00	35.20 3.34 0.00	32.98 3.16 0.00	31.43 2.94 0.00
N SALMON___HYD 24042	29.09 0.63 0.00	29.18 0.74 0.00	29.09 0.68 0.00	29.03 0.65 0.00	28.98 0.62 0.00	29.04 0.51 0.00	36.56 0.89 0.00	41.02 1.23 0.00	36.18 0.95 0.00	35.13 0.72 0.00	31.78 0.62 0.00	31.06 0.61 0.00	30.83 0.64 0.00	30.11 0.42 0.00	30.84 0.60 0.00	33.47 0.72 0.00	41.46 0.89 0.00	48.94 0.87 0.00	47.18 1.28 0.00	43.47 1.14 0.00	35.97 0.88 0.00	32.66 0.80 0.00	30.45 0.63 0.00	29.01 0.51 0.00

N.AKRON__115KV_KNAPP 355671	27.91 -1.22 -0.67	27.49 -1.14 -0.19	27.21 -1.22 -0.02	27.22 -1.16 0.00	27.14 -1.22 0.00	28.80 -0.74 -1.02	37.00 -1.07 -2.40	41.68 -1.59 -3.49	36.13 -0.88 -1.78	34.16 -0.24 0.00	31.07 -0.09 0.00	30.79 0.33 0.00	30.40 0.21 0.00	29.76 0.06 0.00	30.08 -0.15 0.00	32.29 -0.46 0.00	40.08 -0.49 0.00	52.08 0.10 -3.91	45.33 -0.92 -0.35	42.16 -0.17 0.00	34.60 -0.49 0.00	30.90 -0.96 0.00	29.88 0.06 0.00	28.30 -0.20 0.00
N.BELMOR_69_KV_BK1 55787	41.85 2.45 -10.93	41.13 2.42 -10.27	37.63 2.36 -6.87	37.32 2.30 -6.64	38.16 2.24 -7.56	41.79 2.45 -10.81	48.32 3.32 -9.34	57.17 3.82 -13.56	45.50 3.35 -6.92	41.90 3.47 -4.02	37.52 3.15 -3.21	37.33 2.95 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.84 2.96 -4.65	39.48 3.21 -3.52	47.72 3.89 -3.25	77.42 5.29 -24.05	66.97 4.73 -16.34	56.42 4.15 -9.95	44.54 3.37 -6.08	42.23 3.22 -7.16	40.68 2.74 -8.12	38.68 2.31 -7.88
N.E_GEN_SANDY PD 24062	32.96 1.54 -2.96	30.81 1.53 -0.83	30.00 1.50 -0.09	29.85 1.47 0.00	29.83 1.47 0.00	36.98 1.68 -6.77	48.47 2.14 -10.67	57.70 2.43 -15.48	45.21 2.08 -7.90	36.36 1.96 0.00	32.84 1.68 0.00	31.92 1.46 0.00	31.76 1.57 0.00	31.36 1.66 0.00	31.96 1.72 0.00	34.65 1.90 0.00	43.45 2.35 -0.53	67.89 2.98 -16.83	50.19 2.75 -1.54	44.65 2.33 0.00	37.09 2.00 0.00	33.77 1.91 0.00	31.37 1.55 0.00	29.83 1.34 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.83 1.88 -2.49	30.99 1.85 -0.70	30.24 1.76 -0.07	30.08 1.70 0.00	30.00 1.64 0.00	34.20 1.85 -3.82	47.23 2.60 -8.97	55.83 3.02 -13.02	44.41 2.54 -6.64	37.02 2.61 0.00	33.53 2.37 0.00	32.68 2.22 0.00	32.43 2.23 0.00	31.86 2.17 0.00	32.44 2.21 0.00	35.11 2.36 0.00	43.53 2.96 0.00	66.86 4.18 -14.61	50.86 3.67 -1.29	45.50 3.17 0.00	37.65 2.56 0.00	34.28 2.42 0.00	31.82 2.00 0.00	30.15 1.65 0.00
N.QUEENS_27_KV_LOAD 356247	33.14 2.08 -2.59	31.33 2.16 -0.73	30.56 2.07 -0.08	30.34 1.96 0.00	30.26 1.90 0.00	34.16 1.65 -3.98	47.36 2.35 -9.35	56.34 2.98 -13.57	44.76 2.61 -6.92	37.23 2.82 0.00	33.71 2.56 0.00	32.89 2.44 0.00	32.64 2.45 0.00	32.07 2.38 0.00	32.68 2.45 0.00	35.27 2.52 0.00	43.57 3.00 0.00	67.43 4.13 -15.22	50.87 3.63 -1.35	45.46 3.13 0.00	37.65 2.56 0.00	34.38 2.52 0.00	31.94 2.12 0.00	30.29 1.80 0.00
N.TROY___115KV_TB1 355778	33.09 1.28 -3.34	30.66 1.28 -0.94	29.76 1.25 -0.10	29.60 1.22 0.00	29.66 1.30 0.00	35.05 1.40 -5.13	49.61 1.89 -12.05	59.35 2.07 -17.50	46.03 1.90 -8.90	36.12 1.72 0.00	32.62 1.46 0.00	31.73 1.28 0.00	31.55 1.36 0.00	31.09 1.40 0.00	31.71 1.48 0.00	34.42 1.67 0.00	42.64 2.07 0.00	70.18 2.55 -19.56	50.06 2.43 -1.73	44.23 1.90 0.00	36.81 1.72 0.00	33.48 1.62 0.00	31.19 1.37 0.00	29.61 1.11 0.00
NARROWS_GT1_1 24228	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT1_2 24229	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT1_3 24230	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT1_4 24231	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT1_5 24232	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT1_6 24233	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT1_7 24234	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT1_8 24235	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT2_1 24236	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00

NARROWS_GT2_2 24237	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT2_3 24238	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT2_4 24239	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT2_5 24240	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT2_6 24241	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT2_7 24242	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NARROWS_GT2_8 24243	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.30 1.74 -3.09	31.08 1.76 -0.87	30.20 1.70 -0.09	30.03 1.65 0.00	30.20 1.84 0.00	35.04 1.77 -4.75	49.35 2.53 -11.16	58.53 2.55 -16.20	45.74 2.25 -8.25	36.30 1.89 0.00	32.62 1.46 0.00	31.73 1.28 0.00	31.52 1.33 0.00	31.00 1.31 0.00	31.65 1.42 0.00	34.65 1.90 0.00	43.00 2.43 0.00	69.49 3.27 -18.14	50.76 3.26 -1.61	44.87 2.54 0.00	37.23 2.14 0.00	33.90 2.04 0.00	31.55 1.73 0.00	29.83 1.34 0.00
NCHELSEA_115KV_TR2 355582	33.09 1.99 -2.63	31.17 1.99 -0.74	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.50 1.94 -4.04	47.88 2.75 -9.47	56.60 3.06 -13.75	44.81 2.64 -6.93	37.02 2.61 0.00	33.46 2.31 0.00	32.59 2.13 0.00	32.33 2.14 0.00	31.78 2.08 0.00	32.38 2.15 0.00	35.17 2.42 0.00	43.57 3.00 0.00	67.69 4.18 -15.43	51.03 3.76 -1.37	45.50 3.17 0.00	37.65 2.56 0.00	34.25 2.39 0.00	31.79 1.97 0.00	30.15 1.65 0.00
NEG CAPITAL___MECHNVIL 23645	33.47 1.62 -3.38	31.01 1.62 -0.96	30.10 1.59 -0.10	29.94 1.56 0.00	30.09 1.73 0.00	35.57 1.85 -5.20	50.33 2.46 -12.20	60.17 2.67 -17.71	46.77 2.54 -9.00	36.75 2.34 0.00	33.18 2.02 0.00	32.28 1.83 0.00	32.06 1.87 0.00	31.54 1.84 0.00	32.17 1.94 0.00	34.91 2.16 0.00	43.24 2.68 0.00	71.28 3.41 -19.79	50.91 3.26 -1.75	45.08 2.75 0.00	37.37 2.28 0.00	33.87 2.01 0.00	31.64 1.82 0.00	30.03 1.54 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.10 -0.97 -0.60	27.61 -1.00 -0.17	27.23 -1.19 -0.02	27.21 -1.16 0.00	27.17 -1.19 0.00	28.56 -0.88 -0.92	36.71 -1.11 -2.16	41.52 -1.39 -3.13	35.82 -1.02 -1.61	33.58 -0.83 0.00	30.50 -0.66 0.00	30.18 -0.27 0.00	29.68 -0.51 0.00	29.13 -0.57 0.00	29.51 -0.73 0.00	31.87 -0.88 0.00	39.51 -1.05 0.00	51.20 -0.39 -3.51	45.11 -1.10 -0.31	40.89 -1.44 0.00	34.11 -0.98 0.00	30.68 -1.18 0.00	29.16 -0.66 0.00	27.81 -0.68 0.00
NEG CENTRAL___DRP 24199	28.94 -0.14 -0.62	28.50 -0.11 -0.17	28.28 -0.14 -0.02	28.21 -0.17 0.00	28.19 -0.17 0.00	29.56 0.09 -0.95	37.96 0.07 -2.22	42.93 -0.08 -3.23	37.06 0.18 -1.65	34.78 0.38 0.00	31.59 0.44 0.00	31.03 0.58 0.00	30.67 0.48 0.00	30.11 0.42 0.00	30.54 0.30 0.00	32.88 0.13 0.00	40.81 0.24 0.00	52.61 0.91 -3.62	46.54 0.32 -0.32	42.75 0.42 0.00	35.27 0.18 0.00	31.92 0.06 0.00	30.15 0.33 0.00	28.72 0.23 0.00
NEG CENTRAL___INDECK 23768	29.32 0.11 -0.74	28.70 0.06 -0.21	28.37 -0.06 -0.02	28.38 0.00 0.00	28.30 -0.06 0.00	29.94 0.29 -1.13	38.96 0.64 -2.66	44.12 0.48 -3.86	37.80 0.60 -1.97	35.37 0.96 0.00	32.13 0.97 0.00	31.95 1.49 0.00	31.34 1.15 0.00	30.74 1.04 0.00	31.11 0.88 0.00	33.60 0.85 0.00	41.87 1.30 0.00	55.19 2.79 -4.33	47.89 1.61 -0.38	43.64 1.31 0.00	36.39 1.30 0.00	32.62 0.76 0.00	31.10 1.28 0.00	29.52 1.02 0.00
NEG CENTRAL___SENECA 23627	29.01 -0.11 -0.65	28.57 -0.06 -0.18	28.31 -0.11 -0.02	28.27 -0.11 0.00	28.24 -0.11 0.00	29.73 0.20 -1.01	38.31 0.29 -2.36	43.22 0.00 -3.43	37.34 0.35 -1.75	35.06 0.65 0.00	31.84 0.69 0.00	31.34 0.88 0.00	30.95 0.75 0.00	30.38 0.68 0.00	30.78 0.54 0.00	33.05 0.29 0.00	41.05 0.49 0.00	53.27 1.35 -3.85	46.84 0.60 -0.34	43.09 0.76 0.00	35.48 0.39 0.00	32.11 0.25 0.00	30.42 0.60 0.00	28.92 0.43 0.00
NEG CENTRAL___STATE_STREET 24147	29.13 0.06 -0.61	28.67 0.06 -0.17	28.43 0.00 -0.02	28.38 0.00 0.00	28.33 -0.03 0.00	29.63 0.17 -0.93	38.03 0.18 -2.19	43.12 0.16 -3.17	37.38 0.46 -1.69	34.95 0.55 0.00	31.72 0.56 0.00	31.15 0.70 0.00	30.76 0.57 0.00	30.23 0.53 0.00	30.63 0.39 0.00	32.98 0.23 0.00	40.89 0.32 0.00	52.60 0.96 -3.56	46.76 0.55 -0.32	42.83 0.51 0.00	35.37 0.28 0.00	32.02 0.16 0.00	30.15 0.33 0.00	28.78 0.28 0.00

NEG MILLWOOD___DRP 24198	33.28 2.16 -2.65	31.32 2.13 -0.75	30.53 2.05 -0.08	30.39 2.01 0.00	30.28 1.93 0.00	34.67 2.08 -4.07	48.13 2.92 -9.54	56.94 3.30 -13.85	45.25 2.92 -7.09	37.33 2.92 0.00	33.78 2.62 0.00	32.86 2.41 0.00	32.61 2.42 0.00	32.04 2.35 0.00	32.62 2.39 0.00	35.44 2.69 0.00	43.94 3.37 0.00	68.24 4.62 -15.54	51.41 4.13 -1.38	45.84 3.51 0.00	37.86 2.77 0.00	34.41 2.55 0.00	31.91 2.09 0.00	30.20 1.71 0.00
NEG NORTH_FLCN_SEA 23793	29.29 0.83 0.00	29.35 0.91 0.00	29.23 0.82 0.00	29.17 0.79 0.00	29.12 0.77 0.00	29.21 0.68 0.00	36.66 1.00 0.00	41.14 1.35 0.00	36.29 1.06 0.00	35.20 0.79 0.00	31.88 0.72 0.00	31.19 0.73 0.00	30.92 0.72 0.00	30.26 0.56 0.00	30.96 0.73 0.00	33.64 0.88 0.00	41.70 1.14 0.00	49.23 1.15 0.00	47.37 1.47 0.00	43.68 1.35 0.00	36.14 1.05 0.00	32.88 1.02 0.00	30.65 0.83 0.00	29.29 0.80 0.00
NEG NORTH_KES_CHATEGAY 23792	28.87 0.40 0.00	28.89 0.46 0.00	28.83 0.43 0.00	28.75 0.37 0.00	28.73 0.37 0.00	28.78 0.26 0.00	36.09 0.43 0.00	40.42 0.64 0.00	35.69 0.46 0.00	34.68 0.28 0.00	31.38 0.22 0.00	30.67 0.21 0.00	30.43 0.24 0.00	29.79 0.09 0.00	30.47 0.24 0.00	33.18 0.43 0.00	41.14 0.57 0.00	48.51 0.43 0.00	46.72 0.83 0.00	43.09 0.76 0.00	35.72 0.63 0.00	32.46 0.61 0.00	30.30 0.48 0.00	28.92 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	29.41 0.94 0.00	29.49 1.05 0.00	29.34 0.94 0.00	29.29 0.91 0.00	29.24 0.88 0.00	29.35 0.83 0.00	36.88 1.21 0.00	41.42 1.63 0.00	36.50 1.27 0.00	35.37 0.96 0.00	32.03 0.87 0.00	31.34 0.88 0.00	31.07 0.88 0.00	30.38 0.68 0.00	31.14 0.91 0.00	33.67 0.92 0.00	41.74 1.18 0.00	49.37 1.30 0.00	47.51 1.61 0.00	43.76 1.44 0.00	36.21 1.12 0.00	32.91 1.05 0.00	30.68 0.86 0.00	29.29 0.80 0.00
NEG NORTH___LWR_SARANAC 23913	29.41 0.94 0.00	29.49 1.05 0.00	29.34 0.94 0.00	29.29 0.91 0.00	29.24 0.88 0.00	29.35 0.83 0.00	36.88 1.21 0.00	41.42 1.63 0.00	36.50 1.27 0.00	35.37 0.96 0.00	32.03 0.87 0.00	31.34 0.88 0.00	31.07 0.88 0.00	30.38 0.68 0.00	31.14 0.91 0.00	33.67 0.92 0.00	41.74 1.18 0.00	49.37 1.30 0.00	47.51 1.61 0.00	43.76 1.44 0.00	36.21 1.12 0.00	32.91 1.05 0.00	30.68 0.86 0.00	29.29 0.80 0.00
NEG NORTH___PLATTSBURG 23628	29.38 0.91 0.00	29.49 1.05 0.00	29.34 0.94 0.00	29.29 0.91 0.00	29.21 0.85 0.00	29.29 0.77 0.00	36.88 1.21 0.00	41.42 1.63 0.00	36.50 1.27 0.00	35.37 0.96 0.00	32.03 0.87 0.00	31.34 0.88 0.00	31.07 0.88 0.00	30.38 0.68 0.00	31.14 0.91 0.00	33.67 0.92 0.00	41.75 1.18 0.00	49.37 1.30 0.00	47.55 1.65 0.00	43.77 1.44 0.00	36.21 1.12 0.00	32.91 1.05 0.00	30.68 0.87 0.00	29.26 0.77 0.00
NEG WEST_LEA_LOCKPORT 23791	27.46 -1.68 -0.68	27.01 -1.62 -0.19	26.78 -1.65 -0.02	26.73 -1.65 0.00	26.68 -1.67 0.00	28.34 -1.23 -1.04	36.29 -1.82 -2.44	40.86 -2.47 -3.54	35.38 -1.66 -1.81	33.54 -0.86 0.00	30.50 -0.65 0.00	30.27 -0.18 0.00	29.92 -0.27 0.00	29.28 -0.42 0.00	29.60 -0.63 0.00	31.74 -1.02 0.00	39.35 -1.22 0.00	50.99 -1.06 -3.97	44.32 -1.93 -0.35	41.27 -1.06 0.00	33.93 -1.16 0.00	30.33 -1.53 0.00	29.43 -0.39 0.00	27.87 -0.63 0.00
NEG WEST___LANCASTR 23811	27.14 -2.05 -0.73	26.57 -2.08 -0.21	27.35 -1.08 -0.02	27.30 -1.08 0.00	27.28 -1.08 0.00	28.07 -1.57 -1.12	36.22 -2.07 -2.62	41.01 -2.59 -3.81	35.00 -2.18 -1.95	34.16 -0.24 0.00	31.28 0.12 0.00	31.03 0.58 0.00	30.64 0.45 0.00	29.99 0.30 0.00	30.29 0.06 0.00	32.33 -0.43 0.00	40.28 -0.28 0.00	51.00 -1.35 -4.27	44.03 -2.25 -0.38	42.33 0.00 0.00	34.78 -0.32 0.00	31.19 -0.67 0.00	30.12 0.30 0.00	28.55 0.06 0.00
NEG_PENN_ALLEGHNY 23528	29.86 0.28 -1.11	29.01 0.26 -0.31	28.75 0.31 -0.03	28.66 0.28 0.00	28.61 0.25 0.00	30.60 0.37 -1.71	40.21 0.54 -4.01	46.17 0.56 -5.83	38.70 0.49 -2.98	35.20 0.79 0.00	32.00 0.84 0.00	31.43 0.97 0.00	31.04 0.84 0.00	30.50 0.80 0.00	30.96 0.72 0.00	33.44 0.69 0.00	41.46 0.89 0.00	56.11 1.49 -6.54	47.44 0.97 -0.58	43.22 0.89 0.00	35.86 0.77 0.00	32.46 0.60 0.00	30.56 0.75 0.00	29.15 0.66 0.00
NEG___GEN_MONROE 24207	28.34 -0.74 -0.62	27.99 -0.63 -0.17	27.57 -0.85 -0.02	27.58 -0.79 0.00	27.56 -0.79 0.00	29.16 -0.31 -0.95	37.29 -0.61 -2.23	41.99 -1.03 -3.24	36.36 -0.53 -1.65	34.27 -0.14 0.00	31.13 -0.03 0.00	30.79 0.33 0.00	30.37 0.18 0.00	29.73 0.03 0.00	30.08 -0.15 0.00	32.39 -0.36 0.00	40.16 -0.41 0.00	52.19 0.48 -3.63	45.76 -0.46 -0.32	42.24 -0.08 0.00	34.78 -0.32 0.00	31.22 -0.64 0.00	29.91 0.09 0.00	28.44 -0.06 0.00
NEPA___ENERGY 23901	28.06 -1.14 -0.74	27.48 -1.17 -0.21	27.58 -0.85 -0.02	27.53 -0.85 0.00	27.51 -0.85 0.00	29.00 -0.66 -1.13	37.39 -0.93 -2.65	42.29 -1.35 -3.85	36.24 -0.95 -1.96	34.65 0.24 0.00	31.63 0.47 0.00	31.37 0.91 0.00	30.95 0.75 0.00	30.29 0.59 0.00	30.60 0.36 0.00	32.69 -0.07 0.00	40.73 0.16 0.00	52.69 0.29 -4.32	45.55 -0.73 -0.38	42.83 0.51 0.00	35.20 0.11 0.00	31.54 -0.32 0.00	30.42 0.60 0.00	28.81 0.31 0.00
NEVERSink___HYD 23608	32.53 1.74 -2.32	30.80 1.71 -0.66	30.12 1.65 -0.07	29.97 1.59 0.00	29.89 1.53 0.00	33.83 1.74 -3.57	46.47 2.43 -8.38	54.61 2.67 -12.16	43.65 2.22 -6.20	36.57 2.17 0.00	33.06 1.90 0.00	32.19 1.74 0.00	30.95 0.76 0.00	30.44 0.74 0.00	30.99 0.76 0.00	33.70 0.95 0.00	41.83 1.26 0.00	63.98 2.26 -13.64	49.03 1.93 -1.21	43.93 1.61 0.00	37.34 2.25 0.00	33.90 2.04 0.00	31.49 1.67 0.00	29.92 1.42 0.00
NEWKRMKL_115KV_TB1 55635	32.60 0.83 -3.31	30.20 0.82 -0.93	29.33 0.82 -0.10	29.17 0.79 0.00	29.21 0.85 0.00	34.52 0.91 -5.09	48.89 1.28 -11.94	58.52 1.39 -17.34	45.33 1.27 -8.83	35.57 1.17 0.00	32.12 0.97 0.00	31.28 0.82 0.00	31.07 0.88 0.00	30.62 0.92 0.00	31.20 0.97 0.00	33.90 1.15 0.00	41.95 1.38 0.00	69.26 1.78 -19.40	49.32 1.70 -1.72	43.55 1.23 0.00	36.25 1.16 0.00	32.97 1.12 0.00	30.71 0.89 0.00	29.12 0.63 0.00
NEWTON___FALLS_HYD 23847	28.72 0.11 -0.14	28.62 0.14 -0.04	28.53 0.11 0.00	28.49 0.11 0.00	28.50 0.14 0.00	28.91 0.17 -0.21	36.59 0.43 -0.50	41.19 0.68 -0.73	36.06 0.46 -0.37	34.71 0.31 0.00	31.41 0.25 0.00	30.76 0.30 0.00	30.43 0.24 0.00	29.82 0.12 0.00	30.38 0.15 0.00	32.95 0.20 0.00	40.93 0.37 0.00	49.23 0.34 -0.81	46.66 0.69 -0.07	42.92 0.59 0.00	35.55 0.46 0.00	32.15 0.29 0.00	30.00 0.18 0.00	28.64 0.14 0.00
NGRID_A1_DSASP 323792	27.36 -1.79 -0.68	26.70 -1.93 -0.19	26.41 -2.02 -0.02	26.37 -2.01 0.00	26.34 -2.01 0.00	27.89 -1.68 -1.05	35.84 -2.28 -2.46	40.30 -3.06 -3.57	34.84 -2.22 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	30.03 -0.43 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.15 -1.09 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.21 -1.88 -4.01	43.59 -2.66 -0.35	39.41 -2.92 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.87 0.00	27.50 -1.00 0.00

NGRID_A2_DSASP 323793	27.36 -1.79 -0.68	26.70 -1.93 -0.19	26.41 -2.02 -0.02	26.37 -2.01 0.00	26.34 -2.01 0.00	27.89 -1.68 -1.05	35.84 -2.28 -2.46	40.30 -3.06 -3.57	34.84 -2.22 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	30.03 -0.43 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.15 -1.09 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.21 -1.88 -4.01	43.59 -2.66 -0.35	39.41 -2.92 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.87 0.00	27.50 -1.00 0.00
NGRID_A4_DSASP 323807	27.36 -1.79 -0.68	26.70 -1.93 -0.19	26.41 -2.02 -0.02	26.37 -2.01 0.00	26.34 -2.01 0.00	27.89 -1.68 -1.05	35.84 -2.28 -2.46	40.30 -3.06 -3.57	34.84 -2.22 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	30.03 -0.43 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.15 -1.09 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.21 -1.88 -4.01	43.59 -2.66 -0.35	39.41 -2.92 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.87 0.00	27.50 -1.00 0.00
NIAGARA_115E_LBMP 323715	27.21 -1.94 -0.68	26.56 -2.07 -0.19	26.30 -2.13 -0.02	26.25 -2.13 0.00	26.23 -2.13 0.00	27.75 -1.83 -1.05	35.70 -2.43 -2.46	40.14 -3.22 -3.58	34.70 -2.36 -1.82	32.89 -1.51 0.00	29.91 -1.25 0.00	29.94 -0.52 0.00	29.35 -0.85 0.00	28.75 -0.95 0.00	29.05 -1.18 0.00	31.11 -1.64 0.00	38.54 -2.03 0.00	50.02 -2.07 -4.01	43.45 -2.80 -0.36	39.36 -2.96 0.00	33.26 -1.83 0.00	29.72 -2.13 0.00	28.89 -0.92 0.00	27.41 -1.08 0.00
NIAGARA_115W_LBMP 323714	27.30 -1.85 -0.68	26.67 -1.96 -0.19	26.36 -2.07 -0.02	26.31 -2.07 0.00	26.29 -2.07 0.00	27.83 -1.74 -1.05	35.77 -2.35 -2.46	40.21 -3.14 -3.57	34.73 -2.33 -1.82	32.89 -1.51 0.00	29.91 -1.25 0.00	29.97 -0.49 0.00	29.35 -0.85 0.00	28.75 -0.95 0.00	29.05 -1.18 0.00	31.11 -1.64 0.00	38.54 -2.03 0.00	50.06 -2.02 -4.01	43.45 -2.80 -0.35	39.32 -3.00 0.00	33.23 -1.86 0.00	29.72 -2.13 0.00	28.89 -0.92 0.00	27.41 -1.08 0.00
NIAGARA_230_LBMP 323716	27.52 -1.62 -0.68	26.87 -1.76 -0.19	26.61 -1.82 -0.02	26.56 -1.82 0.00	26.51 -1.84 0.00	28.05 -1.51 -1.04	36.04 -2.07 -2.45	40.55 -2.79 -3.55	35.00 -2.04 -1.81	33.17 -1.24 0.00	30.16 -1.00 0.00	30.18 -0.27 0.00	29.59 -0.60 0.00	28.98 -0.71 0.00	29.30 -0.94 0.00	31.34 -1.41 0.00	38.87 -1.70 0.00	50.47 -1.59 -3.98	43.82 -2.43 -0.35	39.70 -2.62 0.00	33.51 -1.58 0.00	29.98 -1.88 0.00	29.10 -0.72 0.00	27.64 -0.85 0.00
NIAGARA__115KV_198_GIBSON 55903	27.10 -2.05 -0.68	26.67 -1.96 -0.19	26.35 -2.07 -0.02	26.31 -2.07 0.00	26.29 -2.07 0.00	27.95 -1.63 -1.05	35.77 -2.35 -2.46	40.21 -2.35 -3.57	34.83 -2.22 -1.82	32.89 -1.51 0.00	29.91 -1.25 0.00	29.66 -0.79 0.00	29.35 -0.85 0.00	28.75 -0.95 0.00	29.05 -1.18 0.00	31.11 -1.64 0.00	38.50 -2.07 0.00	50.01 -2.07 -4.01	43.50 -2.75 -0.35	40.38 -1.95 0.00	33.23 -1.86 0.00	29.72 -2.13 0.00	28.89 -0.92 0.00	27.36 -1.14 0.00
NIAGARA____ 23760	27.53 -1.62 -0.68	26.87 -1.76 -0.19	26.61 -1.82 -0.02	26.56 -1.82 0.00	26.51 -1.84 0.00	28.06 -1.51 -1.05	36.05 -2.07 -2.46	40.56 -2.79 -3.56	35.01 -2.04 -1.82	33.17 -1.24 0.00	30.16 -1.00 0.00	30.18 -0.27 0.00	29.59 -0.60 0.00	28.98 -0.71 0.00	29.30 -0.94 0.00	31.34 -1.41 0.00	38.87 -1.70 0.00	50.49 -1.59 -3.99	43.82 -2.43 -0.35	39.70 -2.62 0.00	33.51 -1.58 0.00	29.98 -1.88 0.00	29.10 -0.72 0.00	27.64 -0.85 0.00
NINE_MILE_1 23575	28.11 -0.77 -0.41	27.79 -0.77 -0.12	27.59 -0.82 -0.01	27.56 -0.82 0.00	27.53 -0.82 0.00	28.36 -0.80 -0.63	36.00 -1.14 -1.48	40.58 -1.35 -2.15	35.17 -1.16 -1.10	33.34 -1.07 0.00	30.22 -0.93 0.00	29.63 -0.82 0.00	29.31 -0.88 0.00	28.83 -0.86 0.00	29.30 -0.94 0.00	31.70 -1.05 0.00	39.27 -1.30 0.00	49.29 -1.20 -2.41	44.69 -1.42 -0.21	40.93 -1.40 0.00	33.97 -1.12 0.00	30.78 -1.08 0.00	28.98 -0.83 0.00	27.84 -0.65 0.00
NINE_MILE_2 23744	28.11 -0.77 -0.41	27.79 -0.77 -0.12	27.62 -0.80 -0.01	27.56 -0.82 0.00	27.53 -0.82 0.00	28.35 -0.80 -0.63	36.00 -1.14 -1.48	40.58 -1.35 -2.14	35.16 -1.16 -1.09	33.34 -1.07 0.00	30.22 -0.93 0.00	29.63 -0.82 0.00	29.31 -0.88 0.00	28.83 -0.86 0.00	29.30 -0.94 0.00	31.70 -1.05 0.00	39.27 -1.30 0.00	49.28 -1.20 -2.40	44.69 -1.42 -0.21	40.93 -1.40 0.00	33.97 -1.12 0.00	30.78 -1.08 0.00	28.98 -0.83 0.00	27.84 -0.65 0.00
NM_CAPITAL__DRP 24208	32.71 0.94 -3.30	30.31 0.94 -0.93	29.44 0.94 -0.10	29.29 0.91 0.00	29.29 0.94 0.00	34.62 1.03 -5.07	48.96 1.39 -11.91	58.58 1.51 -17.29	45.41 1.37 -8.80	35.64 1.24 0.00	32.19 1.03 0.00	31.34 0.88 0.00	31.16 0.97 0.00	30.71 1.01 0.00	31.29 1.06 0.00	34.00 1.24 0.00	42.07 1.50 0.00	69.30 1.87 -19.35	49.40 1.79 -1.71	43.64 1.31 0.00	36.32 1.23 0.00	33.07 1.21 0.00	30.77 0.95 0.00	29.21 0.71 0.00
NM_CENTRAL__DRP 24181	28.71 -0.26 -0.50	28.32 -0.26 -0.14	28.14 -0.28 -0.01	28.07 -0.31 0.00	28.04 -0.31 0.00	29.06 -0.23 -0.77	37.00 -0.46 -1.80	41.84 -0.56 -2.61	36.14 -0.42 -1.33	34.09 -0.31 0.00	30.94 -0.22 0.00	30.33 -0.12 0.00	30.04 -0.15 0.00	29.52 -0.18 0.00	29.99 -0.24 0.00	32.39 -0.36 0.00	40.16 -0.41 0.00	50.91 -0.10 -2.93	45.74 -0.41 -0.26	41.90 -0.42 0.00	34.67 -0.42 0.00	31.48 -0.38 0.00	29.64 -0.18 0.00	28.38 -0.11 0.00
NM_FRONTIER__DRP 24179	27.10 -2.05 -0.68	26.67 -1.96 -0.19	26.35 -2.07 -0.02	26.31 -2.07 0.00	26.29 -2.07 0.00	27.95 -1.63 -1.05	35.77 -2.35 -2.46	40.21 -3.14 -3.57	34.83 -2.22 -1.82	32.89 -1.51 0.00	29.91 -1.25 0.00	29.66 -0.79 0.00	29.35 -0.85 0.00	28.75 -0.95 0.00	29.05 -1.18 0.00	31.11 -1.64 0.00	38.50 -2.07 0.00	50.01 -2.07 -4.01	43.50 -2.75 -0.35	40.38 -1.95 0.00	33.23 -1.86 0.00	29.72 -2.13 0.00	28.89 -0.92 0.00	27.36 -1.14 0.00
NM_ST_REGIS__HYD 24053	28.82 0.28 -0.07	28.80 0.34 -0.02	28.72 0.31 0.00	28.72 0.34 0.00	28.70 0.34 0.00	28.89 0.26 -0.11	36.42 0.50 -0.25	40.91 0.76 -0.37	35.99 0.56 -0.19	34.75 0.34 0.00	31.47 0.31 0.00	30.79 0.33 0.00	30.52 0.33 0.00	29.82 0.12 0.00	30.44 0.21 0.00	33.05 0.29 0.00	40.93 0.37 0.00	48.54 0.05 -0.41	46.53 0.60 -0.04	42.92 0.59 0.00	35.55 0.46 0.00	32.21 0.35 0.00	30.03 0.21 0.00	28.69 0.20 0.00
NORTHPORT__1 23551	41.70 2.30 -10.93	40.99 2.28 -10.27	37.55 2.27 -6.87	37.24 2.22 -6.64	38.13 2.21 -7.56	41.79 2.45 -10.81	48.00 3.00 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.69 3.27 -4.02	37.27 2.90 -3.21	37.02 2.65 -3.92	37.02 2.72 -4.11	36.60 2.67 -4.23	37.66 2.78 -4.65	39.18 2.91 -3.52	47.31 3.49 -3.25	76.84 4.71 -24.05	66.41 4.18 -16.34	55.96 3.68 -9.95	44.19 3.02 -6.08	41.91 2.90 -7.16	40.62 2.68 -8.12	38.76 2.39 -7.88
NORTHPORT__2 23552	41.70 2.30 -10.93	40.99 2.28 -10.27	37.55 2.27 -6.87	37.24 2.22 -6.64	38.13 2.21 -7.56	41.79 2.45 -10.81	48.00 3.00 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.69 3.27 -4.02	37.27 2.90 -3.21	37.02 2.65 -3.92	37.02 2.72 -4.11	36.60 2.67 -4.23	37.66 2.78 -4.65	39.18 2.91 -3.52	47.31 3.49 -3.25	76.84 4.71 -24.05	66.41 4.18 -16.34	55.96 3.68 -9.95	44.19 3.02 -6.08	41.91 2.90 -7.16	40.62 2.68 -8.12	38.76 2.39 -7.88

NORTHPORT___3 23553	41.76 2.36 -10.93	41.10 2.39 -10.27	37.60 2.33 -6.87	37.26 2.24 -6.64	38.16 2.24 -7.56	41.76 2.42 -10.81	47.82 2.82 -9.34	56.61 3.26 -13.56	45.11 2.96 -6.92	41.76 3.34 -4.02	37.30 2.93 -3.21	37.11 2.74 -3.92	37.08 2.78 -4.11	36.66 2.73 -4.23	37.60 2.72 -4.65	39.02 2.75 -3.52	47.19 3.37 -3.25	76.79 4.66 -24.05	66.37 4.13 -16.34	55.92 3.64 -9.95	44.12 2.95 -6.08	41.79 2.77 -7.16	40.26 2.33 -8.12	38.45 2.08 -7.88
NORTHPORT___4 23650	41.76 2.36 -10.93	41.10 2.39 -10.27	37.60 2.33 -6.87	37.26 2.24 -6.64	38.16 2.24 -7.56	41.76 2.42 -10.81	47.82 2.82 -9.34	56.61 3.26 -13.56	45.11 2.96 -6.92	41.76 3.34 -4.02	37.30 2.93 -3.21	37.11 2.74 -3.92	37.08 2.78 -4.11	36.66 2.73 -4.23	37.60 2.72 -4.65	39.02 2.75 -3.52	47.19 3.37 -3.25	76.79 4.66 -24.05	66.37 4.13 -16.34	55.92 3.64 -9.95	44.12 2.95 -6.08	41.79 2.77 -7.16	40.26 2.33 -8.12	38.45 2.08 -7.88
NORTHPORT___IC 23718	41.70 2.30 -10.93	40.99 2.28 -10.27	37.55 2.27 -6.87	37.24 2.22 -6.64	38.13 2.21 -7.56	41.79 2.45 -10.81	48.00 3.00 -9.34	56.89 3.54 -13.56	45.26 3.10 -6.92	41.69 3.27 -4.02	37.27 2.90 -3.21	37.02 2.65 -3.92	37.02 2.72 -4.11	36.60 2.67 -4.23	37.66 2.78 -4.65	39.18 2.91 -3.52	47.31 3.49 -3.25	76.84 4.71 -24.05	66.41 4.18 -16.34	55.96 3.68 -9.95	44.19 3.02 -6.08	41.91 2.90 -7.16	40.62 2.68 -8.12	38.76 2.39 -7.88
NORTH___COUNTRY_ESR 323785	28.84 0.37 0.00	28.89 0.45 0.00	28.83 0.43 0.00	28.75 0.37 0.00	28.72 0.37 0.00	28.75 0.23 0.00	36.09 0.43 0.00	40.42 0.63 0.00	35.69 0.46 0.00	34.68 0.27 0.00	31.38 0.22 0.00	30.67 0.21 0.00	30.43 0.24 0.00	29.79 0.09 0.00	30.47 0.24 0.00	33.08 0.33 0.00	41.02 0.45 0.00	48.27 0.19 0.00	46.49 0.60 0.00	42.92 0.59 0.00	35.55 0.45 0.00	32.34 0.48 0.00	30.18 0.36 0.00	28.78 0.28 0.00
NPX_GEN_1385_PROXY 323591	40.93 1.54 -10.93	39.05 1.48 -9.13	37.01 1.73 -6.87	36.81 1.79 -6.64	37.82 1.90 -7.56	41.48 2.14 -10.81	47.72 2.71 -9.34	57.05 3.70 -13.56	44.90 2.75 -6.92	40.76 2.34 -4.02	35.53 1.96 -2.41	35.03 1.74 -2.84	34.07 1.81 -2.07	35.71 1.78 -4.23	36.96 2.08 -4.65	38.69 2.42 -3.52	46.99 2.64 -3.78	74.91 3.31 -23.52	59.60 2.85 -10.85	51.80 2.45 -7.02	43.62 2.46 -6.08	41.53 2.52 -7.16	40.32 2.39 -8.12	38.39 2.02 -7.88
NPX_GEN_CSC 323557	42.16 2.76 -10.93	41.44 2.73 -10.27	37.91 2.64 -6.87	37.58 2.56 -6.64	38.47 2.55 -7.56	42.16 2.82 -10.81	48.72 3.71 -9.34	57.53 4.18 -13.56	45.89 3.73 -6.92	42.21 3.78 -4.02	37.77 3.40 -3.21	37.48 3.11 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.12 3.24 -4.65	39.84 3.57 -3.52	48.81 4.46 -3.78	77.66 6.06 -23.52	67.74 5.46 -16.38	57.10 4.82 -9.95	45.03 3.86 -6.08	42.65 3.63 -7.16	41.07 3.13 -8.12	39.08 2.71 -7.88
NSINS_S_GLNS_FALLS 23858	33.44 1.57 -3.41	30.99 1.59 -0.96	30.04 1.53 -0.10	29.86 1.48 0.00	30.11 1.76 0.00	35.53 1.77 -5.23	50.56 2.60 -12.29	60.33 2.71 -17.84	46.94 2.64 -9.07	36.85 2.44 0.00	33.25 2.09 0.00	32.25 1.80 0.00	32.03 1.84 0.00	31.45 1.75 0.00	32.08 1.84 0.00	34.65 1.90 0.00	42.88 2.31 0.00	70.99 2.98 -19.93	50.60 2.94 -1.76	44.57 2.24 0.00	37.06 1.97 0.00	33.52 1.66 0.00	31.58 1.76 0.00	29.95 1.45 0.00
NUCOR_STEEL___DRP 24197	29.14 0.09 -0.59	28.72 0.11 -0.17	28.48 0.06 -0.02	28.41 0.03 0.00	28.38 0.03 0.00	29.60 0.17 -0.91	37.94 0.14 -2.14	43.01 0.12 -3.10	37.32 0.42 -1.66	34.92 0.52 0.00	31.69 0.53 0.00	31.09 0.64 0.00	30.73 0.54 0.00	30.20 0.50 0.00	30.60 0.36 0.00	32.95 0.20 0.00	40.85 0.28 0.00	52.42 0.87 -3.48	46.67 0.46 -0.31	42.75 0.42 0.00	35.34 0.25 0.00	31.99 0.13 0.00	30.12 0.30 0.00	28.78 0.28 0.00
NUMBER_THREE_WT_PWR 323818	29.03 0.37 -0.19	28.86 0.37 -0.05	28.76 0.34 -0.01	28.69 0.31 0.00	28.70 0.34 0.00	29.24 0.43 -0.29	37.17 0.82 -0.68	41.89 1.11 -0.99	36.62 0.88 -0.51	35.20 0.79 0.00	31.78 0.62 0.00	31.16 0.70 0.00	30.76 0.57 0.00	30.26 0.56 0.00	30.78 0.54 0.00	33.37 0.62 0.00	41.54 0.97 0.00	50.53 1.34 -1.11	47.42 1.42 -0.10	43.55 1.23 0.00	36.04 0.95 0.00	32.59 0.73 0.00	30.42 0.60 0.00	29.01 0.51 0.00
NYISO_LBMP_REFERENCE 24008	28.47 0.00 0.00	28.44 0.00 0.00	28.41 0.00 0.00	28.38 0.00 0.00	28.36 0.00 0.00	28.52 0.00 0.00	35.66 0.00 0.00	39.79 0.00 0.00	35.23 0.00 0.00	34.40 0.00 0.00	31.16 0.00 0.00	30.45 0.00 0.00	30.19 0.00 0.00	29.70 0.00 0.00	30.23 0.00 0.00	32.75 0.00 0.00	40.57 0.00 0.00	48.08 0.00 0.00	45.90 0.00 0.00	42.33 0.00 0.00	35.09 0.00 0.00	31.86 0.00 0.00	29.82 0.00 0.00	28.49 0.00 0.00
NYPA_BRENTWD____GT 24164	42.10 2.71 -10.93	41.36 2.65 -10.27	37.83 2.56 -6.87	37.55 2.52 -6.64	38.44 2.52 -7.56	42.13 2.80 -10.81	48.65 3.64 -9.34	57.53 4.18 -13.56	45.82 3.66 -6.92	42.17 3.75 -4.02	37.71 3.34 -3.21	37.45 3.07 -3.92	37.41 3.11 -4.11	36.99 3.06 -4.23	38.05 3.17 -4.65	39.67 3.41 -3.52	48.04 4.22 -3.25	77.80 5.67 -24.05	67.34 5.09 -16.34	56.81 4.53 -9.95	44.82 3.65 -6.08	42.46 3.44 -7.16	40.98 3.04 -8.12	39.05 2.68 -7.88
NYPA_GOWANUS____GT5 24156	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NYPA_GOWANUS____GT6 24157	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.45 2.10 0.00	34.64 2.14 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.53 3.13 0.00	34.02 2.86 0.00	33.07 2.62 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	46.05 3.73 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.63 2.14 0.00
NYPA_HARLEM__RVR__GT1 24160	33.11 2.05 -2.59	31.30 2.13 -0.73	30.53 2.05 -0.08	30.31 1.93 0.00	30.26 1.90 0.00	34.24 1.74 -3.97	47.35 2.35 -9.34	56.29 2.94 -13.56	44.76 2.61 -6.92	37.18 2.79 0.01	33.71 2.56 0.01	32.79 2.35 0.01	32.57 2.38 0.01	32.01 2.32 0.01	32.61 2.39 0.01	35.23 2.49 0.01	43.56 3.00 0.01	67.37 4.08 -15.21	50.82 3.58 -1.34	45.53 3.22 0.01	37.61 2.53 0.01	34.34 2.49 0.01	31.91 2.09 0.00	30.32 1.83 0.00
NYPA_HARLEM__RVR__GT2 24161	33.11 2.05 -2.59	31.30 2.13 -0.73	30.53 2.05 -0.08	30.31 1.93 0.00	30.26 1.90 0.00	34.24 1.74 -3.97	47.35 2.35 -9.34	56.29 2.94 -13.56	44.76 2.61 -6.92	37.18 2.79 0.01	33.71 2.56 0.01	32.79 2.35 0.01	32.57 2.38 0.01	32.01 2.32 0.01	32.61 2.39 0.01	35.23 2.49 0.01	43.56 3.00 0.01	67.37 4.08 -15.21	50.82 3.58 -1.34	45.53 3.22 0.01	37.61 2.53 0.01	34.34 2.49 0.01	31.91 2.09 0.00	30.32 1.83 0.00

NYPA_KENT____GT 24152	33.31 2.25 -2.60	31.39 2.22 -0.73	30.62 2.13 -0.08	30.42 2.04 0.00	30.37 2.01 0.00	34.58 2.08 -3.98	47.72 2.71 -9.35	56.70 3.34 -13.57	45.08 2.92 -6.92	37.50 3.10 0.00	33.99 2.84 0.00	33.04 2.59 0.00	32.85 2.66 0.00	32.25 2.55 0.00	32.89 2.66 0.00	35.53 2.78 0.00	43.93 3.37 0.00	67.87 4.57 -15.22	51.33 4.08 -1.35	45.97 3.64 0.00	37.97 2.88 0.00	34.73 2.87 0.00	32.23 2.41 0.00	30.55 2.05 0.00
NYPA_POUCH1____GT 24155	33.43 2.36 -2.60	31.50 2.33 -0.73	30.76 2.27 -0.08	30.54 2.16 0.00	30.48 2.13 0.00	34.67 2.17 -3.98	47.76 2.75 -9.35	56.73 3.38 -13.57	45.12 2.96 -6.92	37.57 3.16 0.00	34.06 2.90 0.00	33.13 2.68 0.00	32.91 2.72 0.00	32.31 2.61 0.00	32.95 2.72 0.00	35.63 2.88 0.00	44.06 3.49 0.00	68.06 4.76 -15.22	51.47 4.22 -1.35	46.09 3.77 0.00	38.04 2.95 0.00	34.85 2.99 0.00	32.35 2.53 0.00	30.69 2.19 0.00
NYPA_VERNON____GT2 24162	33.19 2.14 -2.59	31.30 2.13 -0.73	30.53 2.05 -0.08	30.37 1.99 0.00	30.31 1.96 0.00	34.53 2.03 -3.98	47.72 2.71 -9.35	56.65 3.30 -13.57	45.05 2.89 -6.92	37.50 3.10 0.00	33.96 2.81 0.00	33.01 2.56 0.00	32.79 2.60 0.00	32.22 2.52 0.00	32.83 2.60 0.00	35.50 2.75 0.00	43.90 3.33 0.00	67.81 4.52 -15.22	51.24 3.99 -1.35	45.88 3.56 0.00	37.90 2.81 0.00	34.63 2.77 0.00	32.15 2.33 0.00	30.46 1.96 0.00
NYPA_VERNON____GT3 24163	33.19 2.14 -2.59	31.30 2.13 -0.73	30.53 2.05 -0.08	30.37 1.99 0.00	30.31 1.96 0.00	34.53 2.03 -3.98	47.72 2.71 -9.35	56.65 3.30 -13.57	45.05 2.89 -6.92	37.50 3.10 0.00	33.96 2.81 0.00	33.01 2.56 0.00	32.79 2.60 0.00	32.22 2.52 0.00	32.83 2.60 0.00	35.50 2.75 0.00	43.90 3.33 0.00	67.81 4.52 -15.22	51.24 3.99 -1.35	45.88 3.56 0.00	37.90 2.81 0.00	34.63 2.77 0.00	32.15 2.33 0.00	30.46 1.96 0.00
NYPA____ASTORIA_CC1 323568	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.29 1.93 0.00	34.47 1.97 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.98 2.82 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.95 2.50 0.00	32.76 2.56 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.67 4.37 -15.22	51.10 3.86 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.43 1.94 0.00
NYPA____ASTORIA_CC2 323569	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.29 1.93 0.00	34.47 1.97 -3.98	47.65 2.64 -9.35	56.62 3.26 -13.57	44.98 2.82 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.95 2.50 0.00	32.76 2.56 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.77 3.20 0.00	67.67 4.37 -15.22	51.10 3.86 -1.35	45.80 3.47 0.00	37.83 2.74 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.43 1.94 0.00
NYPA____HOLTSVILL 23794	41.96 2.56 -10.93	41.24 2.53 -10.27	37.72 2.44 -6.87	37.41 2.38 -6.64	38.30 2.38 -7.56	41.96 2.62 -10.81	48.40 3.39 -9.34	57.17 3.82 -13.56	45.61 3.45 -6.92	41.97 3.54 -4.02	37.55 3.18 -3.21	37.30 2.92 -3.92	37.26 2.96 -4.11	36.84 2.91 -4.23	37.93 3.05 -4.65	39.58 3.31 -3.52	47.84 4.02 -3.25	77.56 5.43 -24.05	67.14 4.86 -16.38	56.59 4.32 -9.95	44.64 3.47 -6.08	42.33 3.31 -7.16	40.83 2.89 -8.12	38.91 2.54 -7.88
NYPA____HELLGATE_GT1 24158	33.11 2.05 -2.59	31.30 2.13 -0.73	30.53 2.05 -0.08	30.31 1.93 0.00	30.26 1.90 0.00	34.24 1.74 -3.97	47.35 2.35 -9.34	56.29 2.94 -13.56	44.76 2.61 -6.92	37.18 2.79 0.01	33.71 2.56 0.01	32.79 2.35 0.01	32.57 2.38 0.01	32.01 2.32 0.01	32.61 2.39 0.01	35.23 2.49 0.01	43.56 3.00 0.01	67.37 4.08 -15.21	50.82 3.58 -1.34	45.53 3.22 0.01	37.61 2.53 0.01	34.34 2.49 0.01	31.91 2.09 0.00	30.32 1.83 0.00
NYPA____HELLGATE_GT2 24159	33.11 2.05 -2.59	31.30 2.13 -0.73	30.53 2.05 -0.08	30.31 1.93 0.00	30.26 1.90 0.00	34.24 1.74 -3.97	47.35 2.35 -9.34	56.29 2.94 -13.56	44.76 2.61 -6.92	37.18 2.79 0.01	33.71 2.56 0.01	32.79 2.35 0.01	32.57 2.38 0.01	32.01 2.32 0.01	32.61 2.39 0.01	35.23 2.49 0.01	43.56 3.00 0.01	67.37 4.08 -15.21	50.82 3.58 -1.34	45.53 3.22 0.01	37.61 2.53 0.01	34.34 2.49 0.01	31.91 2.09 0.00	30.32 1.83 0.00
NYS_BARGE____HYD 23848	27.63 -1.51 -0.67	27.01 -1.62 -0.19	26.75 -1.68 -0.02	26.73 -1.65 0.00	26.68 -1.67 0.00	28.19 -1.37 -1.04	36.28 -1.82 -2.43	40.89 -2.43 -3.53	35.34 -1.69 -1.80	33.55 -0.86 0.00	30.50 -0.66 0.00	30.55 0.09 0.00	29.92 -0.27 0.00	29.28 -0.42 0.00	29.63 -0.60 0.00	31.74 -1.02 0.00	39.35 -1.22 0.00	51.02 -1.01 -3.96	44.32 -1.93 -0.35	40.25 -2.07 0.00	33.97 -1.12 0.00	30.33 -1.53 0.00	29.43 -0.39 0.00	27.93 -0.57 0.00
OAK ORCHARD____HYD 24046	28.54 -0.54 -0.62	28.04 -0.57 -0.17	27.57 -0.85 -0.02	27.58 -0.79 0.00	27.53 -0.82 0.00	29.04 -0.43 -0.95	37.31 -0.57 -2.22	42.14 -0.88 -3.22	36.39 -0.49 -1.65	34.23 -0.17 0.00	31.10 -0.06 0.00	30.88 0.43 0.00	30.34 0.15 0.00	29.73 0.03 0.00	30.11 -0.12 0.00	32.46 -0.30 0.00	40.24 -0.33 0.00	52.27 0.58 -3.62	45.85 -0.37 -0.32	41.57 -0.76 0.00	34.74 -0.35 0.00	31.19 -0.67 0.00	29.79 -0.03 0.00	28.38 -0.11 0.00
OAKDALE__35_KV_LOAD 356122	29.72 0.14 -1.11	28.89 0.14 -0.31	28.67 0.23 -0.03	28.58 0.20 0.00	28.53 0.17 0.00	30.51 0.29 -1.70	40.05 0.39 -3.99	45.94 0.36 -5.80	38.51 0.32 -2.96	35.02 0.62 0.00	31.84 0.69 0.00	31.22 0.76 0.00	30.89 0.69 0.00	30.35 0.65 0.00	30.81 0.57 0.00	33.28 0.52 0.00	41.26 0.69 0.00	55.78 1.20 -6.50	47.21 0.73 -0.58	43.17 0.85 0.00	35.72 0.63 0.00	32.30 0.45 0.00	30.42 0.60 0.00	28.98 0.48 0.00
OCC_CHEM____DRP 24175	27.16 -1.99 -0.68	26.70 -1.93 -0.19	26.41 -2.02 -0.02	26.36 -2.01 0.00	26.34 -2.01 0.00	28.00 -1.57 -1.05	35.84 -2.28 -2.46	40.30 -3.06 -3.57	34.91 -2.15 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	29.75 -0.70 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.11 -1.12 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.11 -1.97 -4.01	43.59 -2.66 -0.35	40.46 -1.86 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.86 0.00	27.44 -1.05 0.00
OH_GEN_PROXY 24063	27.55 -1.59 -0.68	26.92 -1.71 -0.19	26.64 -1.79 -0.02	26.59 -1.79 0.00	26.57 -1.79 0.00	28.08 -1.48 -1.04	36.11 -2.00 -2.44	40.67 -2.67 -3.55	35.07 -1.97 -1.81	33.23 -1.17 0.00	30.22 -0.93 0.00	30.24 -0.21 0.00	29.65 -0.54 0.00	29.04 -0.65 0.00	29.36 -0.88 0.00	31.44 -1.31 0.00	39.47 -1.62 -0.53	50.08 -1.44 -3.45	43.96 -2.29 -0.35	39.83 -2.50 0.00	33.62 -1.47 0.00	30.08 -1.78 0.00	29.16 -0.66 0.00	27.70 -0.80 0.00
OLIN_CORP_DRP 24177	27.07 -2.08 -0.69	26.64 -1.99 -0.19	26.38 -2.05 -0.02	26.34 -2.04 0.00	26.29 -2.07 0.00	27.95 -1.63 -1.05	35.78 -2.35 -2.47	40.27 -3.10 -3.59	34.88 -2.18 -1.83	32.96 -1.44 0.00	29.97 -1.18 0.00	29.72 -0.73 0.00	29.41 -0.78 0.00	28.81 -0.89 0.00	29.11 -1.12 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.13 -1.97 -4.02	43.55 -2.71 -0.36	40.51 -1.82 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.86 0.00	27.41 -1.08 0.00

OLIN_CORP_DSASP 323712	27.36 -1.79 -0.68	26.70 -1.93 -0.19	26.41 -2.02 -0.02	26.37 -2.01 0.00	26.34 -2.01 0.00	27.89 -1.68 -1.05	35.84 -2.28 -2.46	40.30 -3.06 -3.57	34.84 -2.22 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	30.03 -0.43 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.15 -1.09 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.21 -1.88 -4.01	43.59 -2.66 -0.35	39.41 -2.92 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.87 0.00	27.50 -1.00 0.00
ONEIDA_HERK_LFGE 323681	29.21 0.57 -0.17	29.05 0.57 -0.05	28.98 0.57 -0.01	28.89 0.51 0.00	28.89 0.54 0.00	29.41 0.63 -0.26	37.31 1.03 -0.61	41.95 1.27 -0.89	36.78 1.09 -0.45	35.47 1.07 0.00	32.06 0.90 0.00	31.43 0.97 0.00	31.04 0.84 0.00	30.56 0.86 0.00	31.08 0.85 0.00	33.67 0.92 0.00	41.83 1.26 0.00	50.76 1.68 -1.00	47.59 1.61 -0.09	43.72 1.39 0.00	36.21 1.12 0.00	32.75 0.89 0.00	30.62 0.81 0.00	29.23 0.74 0.00
ONEIDA___115KV_TB4 55905	29.51 0.74 -0.30	29.29 0.77 -0.09	29.16 0.74 -0.01	29.09 0.71 0.00	29.07 0.71 0.00	29.85 0.86 -0.47	37.98 1.21 -1.10	42.85 1.47 -1.60	37.31 1.27 -0.81	35.71 1.31 0.00	32.31 1.15 0.00	31.67 1.22 0.00	31.31 1.12 0.00	30.80 1.10 0.00	31.32 1.09 0.00	33.90 1.15 0.00	42.07 1.50 0.00	51.89 2.02 -1.79	47.85 1.79 -0.16	43.93 1.61 0.00	36.35 1.26 0.00	32.88 1.02 0.00	30.80 0.98 0.00	29.44 0.94 0.00
ONONDAGA_REF_OCCRA 23987	28.88 -0.14 -0.56	28.48 -0.11 -0.16	28.25 -0.17 -0.02	28.18 -0.20 0.00	28.16 -0.20 0.00	29.26 -0.11 -0.86	37.42 -0.25 -2.01	42.38 -0.32 -2.92	36.51 -0.21 -1.48	34.30 -0.10 0.00	31.13 -0.03 0.00	30.52 0.06 0.00	30.22 0.03 0.00	29.70 0.00 0.00	30.17 -0.06 0.00	32.62 -0.13 0.00	40.41 -0.16 0.00	51.64 0.29 -3.27	46.10 -0.09 -0.29	42.24 -0.08 0.00	34.95 -0.14 0.00	31.70 -0.16 0.00	29.82 0.00 0.00	28.52 0.03 0.00
ONONDAGA___COGEN 23986	28.92 -0.09 -0.54	28.51 -0.09 -0.15	28.31 -0.11 -0.02	28.24 -0.14 0.00	28.21 -0.14 0.00	29.30 -0.06 -0.83	37.43 -0.18 -1.95	42.37 -0.24 -2.83	36.53 -0.14 -1.43	34.34 -0.07 0.00	31.16 0.00 0.00	30.55 0.09 0.00	30.22 0.03 0.00	29.70 0.00 0.00	30.17 -0.06 0.00	32.65 -0.10 0.00	40.45 -0.12 0.00	51.58 0.34 -3.17	46.13 -0.05 -0.28	42.24 -0.08 0.00	34.95 -0.14 0.00	31.70 -0.16 0.00	29.82 0.00 0.00	28.52 0.03 0.00
ONTARIO___LFGE 23819	29.09 -0.03 -0.65	28.57 -0.06 -0.18	28.31 -0.11 -0.02	28.27 -0.11 0.00	28.24 -0.11 0.00	29.64 0.11 -1.01	38.31 0.28 -2.36	43.22 0.00 -3.43	37.34 0.35 -1.75	35.06 0.65 0.00	31.84 0.68 0.00	31.43 0.97 0.00	30.95 0.76 0.00	30.38 0.68 0.00	30.78 0.54 0.00	33.05 0.29 0.00	41.06 0.49 0.00	53.27 1.34 -3.85	46.83 0.60 -0.34	42.71 0.38 0.00	35.48 0.39 0.00	32.14 0.29 0.00	30.42 0.60 0.00	28.98 0.48 0.00
ORANGEVILLE_WT_PWR 323706	28.03 -1.19 -0.76	27.29 -1.36 -0.21	27.24 -1.19 -0.02	27.19 -1.19 0.00	27.19 -1.16 0.00	28.67 -1.03 -1.17	37.13 -1.28 -2.75	42.02 -1.75 -3.98	36.07 -1.20 -2.03	34.13 -0.28 0.00	31.10 -0.06 0.00	31.06 0.61 0.00	30.49 0.30 0.00	29.91 0.21 0.00	30.26 0.03 0.00	32.46 -0.30 0.00	40.33 -0.24 0.00	52.59 0.05 -4.47	45.42 -0.87 -0.40	41.57 -0.76 0.00	34.85 -0.24 0.00	31.25 -0.61 0.00	30.09 0.27 0.00	28.55 0.06 0.00
ORANGEVILLE___ESR 323794	28.03 -1.19 -0.76	27.29 -1.36 -0.21	27.24 -1.19 -0.02	27.19 -1.19 0.00	27.19 -1.16 0.00	28.67 -1.03 -1.17	37.13 -1.28 -2.75	42.02 -1.75 -3.98	36.07 -1.20 -2.03	34.13 -0.28 0.00	31.10 -0.06 0.00	31.06 0.61 0.00	30.49 0.30 0.00	29.91 0.21 0.00	30.26 0.03 0.00	32.46 -0.30 0.00	40.33 -0.24 0.00	52.59 0.05 -4.47	45.42 -0.87 -0.40	41.57 -0.76 0.00	34.85 -0.24 0.00	31.25 -0.61 0.00	30.09 0.27 0.00	28.55 0.06 0.00
OSWEGATCHIE___HYD 24044	28.69 0.09 -0.14	28.62 0.14 -0.04	28.53 0.11 0.00	28.49 0.11 0.00	28.47 0.11 0.00	28.85 0.11 -0.21	36.59 0.43 -0.50	41.19 0.68 -0.73	36.06 0.46 -0.37	34.71 0.31 0.00	31.41 0.25 0.00	30.76 0.30 0.00	30.43 0.24 0.00	29.82 0.12 0.00	30.38 0.15 0.00	32.95 0.20 0.00	40.93 0.36 0.00	49.18 0.29 -0.81	46.66 0.69 -0.07	42.92 0.59 0.00	35.55 0.45 0.00	32.14 0.29 0.00	30.00 0.18 0.00	28.61 0.11 0.00
OSWEGO___5 23606	28.34 -0.57 -0.44	27.99 -0.57 -0.12	27.80 -0.63 -0.01	27.75 -0.62 0.00	27.73 -0.62 0.00	28.60 -0.60 -0.67	36.39 -0.86 -1.58	41.04 -1.03 -2.29	35.56 -0.85 -1.17	33.65 -0.76 0.00	30.50 -0.66 0.00	29.91 -0.55 0.00	29.59 -0.60 0.00	29.07 -0.63 0.00	29.57 -0.67 0.00	32.00 -0.75 0.00	39.64 -0.93 0.00	49.88 -0.77 -2.57	45.12 -1.01 -0.23	41.31 -1.02 0.00	34.25 -0.84 0.00	31.06 -0.80 0.00	29.22 -0.60 0.00	28.04 -0.46 0.00
OSWEGO___6 23613	28.34 -0.57 -0.44	27.99 -0.57 -0.12	27.80 -0.63 -0.01	27.75 -0.62 0.00	27.73 -0.62 0.00	28.60 -0.60 -0.67	36.39 -0.86 -1.58	41.04 -1.03 -2.29	35.56 -0.85 -1.17	33.65 -0.76 0.00	30.50 -0.66 0.00	29.91 -0.55 0.00	29.59 -0.60 0.00	29.07 -0.63 0.00	29.57 -0.67 0.00	32.00 -0.75 0.00	39.64 -0.93 0.00	49.88 -0.77 -2.57	45.12 -1.01 -0.23	41.31 -1.02 0.00	34.25 -0.84 0.00	31.06 -0.80 0.00	29.22 -0.60 0.00	28.04 -0.46 0.00
OUTOKUMPU-AB___DRP 24206	27.67 -1.48 -0.69	27.21 -1.42 -0.19	27.04 -1.39 -0.02	26.99 -1.39 0.00	26.94 -1.42 0.00	28.55 -1.03 -1.06	36.61 -1.53 -2.48	41.32 -2.07 -3.60	35.77 -1.30 -1.84	33.96 -0.45 0.00	30.88 -0.28 0.00	30.64 0.18 0.00	30.28 0.09 0.00	29.64 -0.06 0.00	29.96 -0.27 0.00	32.10 -0.66 0.00	39.84 -0.73 0.00	51.54 -0.58 -4.04	44.79 -1.47 -0.36	41.73 -0.59 0.00	34.35 -0.74 0.00	30.68 -1.18 0.00	29.79 -0.03 0.00	28.15 -0.34 0.00
OXBOW____ 24026	27.67 -1.48 -0.69	27.01 -1.62 -0.19	26.78 -1.65 -0.02	26.73 -1.65 0.00	26.71 -1.65 0.00	28.21 -1.37 -1.05	36.32 -1.82 -2.47	40.91 -2.47 -3.59	35.37 -1.69 -1.83	33.58 -0.83 0.00	30.50 -0.66 0.00	30.58 0.12 0.00	29.95 -0.24 0.00	29.31 -0.39 0.00	29.63 -0.60 0.00	31.74 -1.02 0.00	39.35 -1.22 0.00	51.04 -1.06 -4.03	44.33 -1.93 -0.36	40.21 -2.12 0.00	33.93 -1.16 0.00	30.33 -1.53 0.00	29.46 -0.36 0.00	27.93 -0.57 0.00
OXY_CHEM_DSASP 323612	27.16 -1.99 -0.68	26.70 -1.93 -0.19	26.41 -2.02 -0.02	26.36 -2.01 0.00	26.34 -2.01 0.00	28.00 -1.57 -1.05	35.84 -2.28 -2.46	40.30 -3.06 -3.57	34.91 -2.15 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	29.75 -0.70 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.11 -1.12 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.11 -1.97 -4.01	43.59 -2.66 -0.35	40.46 -1.86 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.86 0.00	27.44 -1.05 0.00
OZONE_PARK_ESR 323760	33.25 2.19 -2.59	31.33 2.16 -0.73	30.59 2.10 -0.08	30.39 2.01 0.00	30.34 1.98 0.00	34.64 2.14 -3.98	48.04 3.03 -9.35	56.97 3.62 -13.57	45.29 3.14 -6.92	37.71 3.30 0.00	34.12 2.96 0.00	33.23 2.77 0.00	32.97 2.78 0.00	32.40 2.70 0.00	33.01 2.78 0.00	35.67 2.91 0.00	44.14 3.57 0.00	68.25 4.95 -15.22	51.70 4.45 -1.35	46.18 3.85 0.00	38.21 3.12 0.00	34.85 2.99 0.00	32.35 2.53 0.00	30.55 2.05 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.16 -1.99 -0.68	26.70 -1.93 -0.19	26.41 -2.02 -0.02	26.36 -2.01 0.00	26.34 -2.01 0.00	28.00 -1.57 -1.05	35.84 -2.28 -2.46	40.30 -3.06 -3.57	34.91 -2.15 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	29.75 -0.70 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.11 -1.12 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.11 -1.97 -4.01	43.59 -2.66 -0.35	40.46 -1.86 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.86 0.00	27.44 -1.05 0.00
PACKARD__115KV_DUPONT_184 80571	27.16 -1.99 -0.68	26.70 -1.93 -0.19	26.41 -2.02 -0.02	26.36 -2.01 0.00	26.34 -2.01 0.00	28.00 -1.57 -1.05	35.84 -2.28 -2.46	40.30 -3.06 -3.57	34.91 -2.15 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	29.75 -0.70 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.11 -1.12 0.00	31.18 -1.57 0.00	38.62 -1.95 0.00	50.11 -1.97 -4.01	43.59 -2.66 -0.35	40.46 -1.86 0.00	33.34 -1.75 0.00	29.79 -2.07 0.00	28.95 -0.86 0.00	27.44 -1.05 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.19 2.13 -2.59	31.36 2.19 -0.73	30.59 2.10 -0.08	30.39 2.01 0.00	30.31 1.96 0.00	34.27 1.77 -3.98	47.47 2.46 -9.35	56.42 3.06 -13.57	44.80 2.64 -6.92	37.26 2.86 0.00	33.68 2.52 0.00	32.86 2.41 0.00	32.61 2.42 0.00	32.04 2.35 0.00	32.65 2.42 0.00	35.27 2.52 0.00	43.57 3.00 0.00	67.38 4.09 -15.22	50.87 3.63 -1.35	45.46 3.13 0.00	37.65 2.56 0.00	34.41 2.55 0.00	31.97 2.15 0.00	30.32 1.82 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.48 2.42 -2.59	31.62 2.45 -0.73	30.87 2.39 -0.08	30.65 2.27 0.00	30.57 2.21 0.00	34.53 2.03 -3.98	47.79 2.78 -9.35	56.77 3.42 -13.57	45.08 2.92 -6.92	37.57 3.17 0.00	33.93 2.77 0.00	33.07 2.62 0.00	32.85 2.66 0.00	32.22 2.52 0.00	32.86 2.63 0.00	35.50 2.75 0.00	43.81 3.25 0.00	68.01 4.71 -15.22	51.29 4.04 -1.35	45.80 3.47 0.00	37.93 2.84 0.00	34.66 2.80 0.00	32.20 2.39 0.00	30.58 2.08 0.00
PATROON__115KV_TB1 80586	32.70 0.91 -3.32	30.29 0.91 -0.94	29.42 0.91 -0.10	29.26 0.88 0.00	29.29 0.94 0.00	34.63 1.00 -5.10	49.04 1.39 -11.98	58.69 1.51 -17.39	45.50 1.41 -8.85	35.68 1.27 0.00	32.25 1.09 0.00	31.40 0.94 0.00	31.19 1.00 0.00	30.74 1.04 0.00	31.32 1.09 0.00	34.03 1.28 0.00	42.11 1.54 0.00	69.51 1.97 -19.46	49.50 1.88 -1.72	43.68 1.35 0.00	36.35 1.26 0.00	33.10 1.24 0.00	30.80 0.98 0.00	29.21 0.71 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.42 -1.76 -0.72	26.85 -1.79 -0.20	27.35 -1.08 -0.02	27.30 -1.08 0.00	27.28 -1.08 0.00	28.31 -1.31 -1.10	36.50 -1.75 -2.58	41.31 -2.23 -3.75	35.42 -1.73 -1.92	34.30 -0.10 0.00	31.35 0.19 0.00	31.09 0.64 0.00	30.70 0.51 0.00	30.05 0.36 0.00	30.35 0.12 0.00	32.46 -0.29 0.00	40.41 -0.16 0.00	51.47 -0.82 -4.21	44.53 -1.74 -0.37	42.41 0.08 0.00	34.85 -0.25 0.00	31.22 -0.64 0.00	30.18 0.36 0.00	28.55 0.06 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.28 2.16 -2.65	31.32 2.13 -0.75	30.53 2.05 -0.08	30.39 2.01 0.00	30.28 1.93 0.00	34.67 2.08 -4.07	48.13 2.92 -9.54	56.94 3.30 -13.85	45.25 2.92 -7.09	37.33 2.92 0.00	33.78 2.62 0.00	32.86 2.41 0.00	32.61 2.42 0.00	32.04 2.35 0.00	32.62 2.39 0.00	35.44 2.69 0.00	43.94 3.37 0.00	68.24 4.62 -15.54	51.41 4.13 -1.38	45.84 3.51 0.00	37.86 2.77 0.00	34.41 2.55 0.00	31.91 2.09 0.00	30.20 1.71 0.00
PEEKSKILL____ 23653	32.88 1.85 -2.56	30.98 1.82 -0.72	30.25 1.76 -0.08	30.08 1.70 0.00	30.03 1.67 0.00	34.37 1.91 -3.94	47.48 2.57 -9.25	56.20 2.99 -13.43	44.69 2.61 -6.85	37.05 2.65 0.00	33.56 2.40 0.00	32.65 2.19 0.00	32.43 2.23 0.00	31.86 2.17 0.00	32.47 2.24 0.00	35.14 2.39 0.00	43.53 2.96 0.00	67.28 4.14 -15.07	50.86 3.63 -1.33	45.54 3.22 0.00	37.62 2.53 0.00	34.25 2.39 0.00	31.82 2.00 0.00	30.20 1.71 0.00
PGE MADISON__WINDPWR 24146	31.48 1.96 -1.05	30.64 1.91 -0.30	30.31 1.87 -0.03	30.14 1.76 0.00	30.12 1.76 0.00	32.16 2.03 -1.61	42.59 3.14 -3.78	49.06 3.78 -5.49	41.28 3.24 -2.81	37.81 3.41 0.00	34.21 3.06 0.00	33.77 3.32 0.00	33.12 2.93 0.00	32.64 2.94 0.00	33.14 2.90 0.00	35.96 3.21 0.00	44.91 4.34 0.00	60.15 5.91 -6.16	51.86 5.41 -0.55	47.11 4.78 0.00	39.06 3.96 0.00	35.20 3.34 0.00	32.98 3.16 0.00	31.43 2.94 0.00
PIERCEFIELD__HYD 23852	28.74 0.20 -0.08	28.72 0.26 -0.02	28.64 0.23 0.00	28.63 0.26 0.00	28.61 0.26 0.00	28.81 0.17 -0.12	36.33 0.39 -0.28	40.83 0.64 -0.40	35.90 0.46 -0.21	34.68 0.28 0.00	31.38 0.22 0.00	30.70 0.24 0.00	30.43 0.24 0.00	29.70 0.00 0.00	30.32 0.09 0.00	32.91 0.16 0.00	40.77 0.20 0.00	48.33 -0.19 -0.45	46.31 0.37 -0.04	42.71 0.38 0.00	35.37 0.28 0.00	32.08 0.22 0.00	29.91 0.09 0.00	28.58 0.09 0.00
PINELAWN_CC_I 323563	41.96 2.56 -10.93	41.21 2.50 -10.27	37.72 2.44 -6.87	37.38 2.35 -6.64	38.27 2.35 -7.56	41.96 2.62 -10.81	48.40 3.39 -9.34	57.29 3.94 -13.56	45.61 3.45 -6.92	42.00 3.58 -4.02	37.58 3.21 -3.21	37.33 2.95 -3.92	37.29 2.99 -4.11	36.87 2.94 -4.23	37.93 3.05 -4.65	39.54 3.27 -3.52	47.51 3.69 -3.25	76.89 4.76 -24.05	66.51 4.27 -16.34	56.00 3.73 -9.95	44.33 3.16 -6.08	42.04 3.03 -7.16	40.77 2.83 -8.12	38.85 2.48 -7.88
PJM_GEN_HTP_PROXY 323702	33.08 2.02 -2.59	31.13 1.96 -0.73	30.39 1.90 -0.08	30.22 1.84 0.00	30.17 1.82 0.00	34.53 2.03 -3.98	47.79 2.78 -9.34	56.65 3.30 -13.57	45.05 2.89 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.70 2.50 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	44.30 3.20 -0.53	67.28 4.52 -14.69	51.24 3.99 -1.35	45.88 3.56 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.40 1.91 0.00
PJM_GEN_KEystone 24065	30.51 0.34 -1.70	29.15 0.23 -0.48	28.77 0.31 -0.05	28.66 0.28 0.00	28.61 0.25 0.00	31.56 0.43 -2.61	42.44 0.64 -6.13	49.29 0.60 -8.90	40.34 0.56 -4.55	35.44 1.03 0.00	32.25 1.09 0.00	31.67 1.22 0.00	31.31 1.12 0.00	30.74 1.04 0.00	31.20 0.97 0.00	33.54 0.78 0.00	39.90 1.05 1.72	61.52 1.73 -11.71	47.84 1.06 -0.88	43.34 1.01 0.00	36.00 0.91 0.00	32.59 0.73 0.00	30.74 0.93 0.00	29.23 0.74 0.00
PJM_GEN_NEPTUNE_PROXY 323594	41.76 2.36 -10.93	41.04 2.33 -10.27	37.55 2.27 -6.87	37.24 2.22 -6.64	38.10 2.18 -7.56	41.76 2.42 -10.81	48.15 3.14 -9.34	56.97 3.62 -13.56	45.36 3.21 -6.92	41.80 3.37 -4.02	37.39 3.02 -3.21	37.17 2.80 -3.92	37.14 2.84 -4.11	36.72 2.79 -4.23	37.72 2.84 -4.65	39.28 3.01 -3.52	48.04 3.69 -3.78	76.64 5.05 -23.52	66.74 4.50 -16.34	56.30 4.02 -9.95	44.36 3.19 -6.08	42.04 3.03 -7.16	40.53 2.59 -8.12	38.62 2.25 -7.88
PJM_GEN_VFT_PROXY 323633	32.91 1.85 -2.59	30.99 1.82 -0.73	30.25 1.76 -0.08	30.08 1.70 0.00	30.03 1.67 0.00	34.39 1.88 -3.98	47.58 2.57 -9.35	56.42 3.06 -13.57	44.83 2.68 -6.92	37.26 2.85 0.00	33.78 2.62 0.00	32.80 2.35 0.00	32.58 2.38 0.00	32.04 2.35 0.00	32.62 2.39 0.00	35.24 2.49 0.00	44.02 2.92 -0.53	67.00 4.23 -14.69	50.96 3.72 -1.35	45.63 3.30 0.00	37.69 2.60 0.00	34.44 2.58 0.00	31.94 2.12 0.00	30.26 1.77 0.00

PLATSBRG_115KV_PMLD1 355749	29.26 0.80 0.00	29.32 0.88 0.00	29.20 0.80 0.00	29.15 0.77 0.00	29.09 0.74 0.00	29.18 0.66 0.00	36.63 0.96 0.00	41.06 1.27 0.00	36.25 1.02 0.00	35.16 0.76 0.00	31.84 0.69 0.00	31.15 0.70 0.00	30.89 0.69 0.00	30.23 0.53 0.00	30.93 0.70 0.00	33.60 0.85 0.00	41.66 1.10 0.00	49.18 1.11 0.00	47.32 1.42 0.00	43.64 1.31 0.00	36.11 1.02 0.00	32.85 0.99 0.00	30.62 0.81 0.00	29.26 0.77 0.00
PLEASANTVLY___LBMP 24000	32.89 1.68 -2.74	30.89 1.68 -0.77	30.11 1.62 -0.08	29.97 1.59 0.00	29.89 1.53 0.00	34.42 1.68 -4.21	47.91 2.35 -9.89	56.85 2.71 -14.36	44.89 2.33 -7.33	36.74 2.34 0.00	33.22 2.06 0.00	32.34 1.89 0.00	32.12 1.93 0.00	31.63 1.93 0.00	32.23 2.00 0.00	34.91 2.16 0.00	43.25 2.68 0.00	67.79 3.61 -16.11	50.58 3.26 -1.43	45.03 2.71 0.00	37.37 2.28 0.00	34.02 2.17 0.00	31.61 1.79 0.00	29.98 1.48 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.96 1.85 -2.64	31.03 1.85 -0.75	30.28 1.79 -0.08	30.11 1.73 0.00	30.03 1.67 0.00	34.43 1.85 -4.06	47.79 2.60 -9.52	56.64 3.02 -13.83	44.90 2.61 -7.06	37.05 2.65 0.00	33.53 2.37 0.00	32.65 2.19 0.00	32.40 2.20 0.00	31.89 2.20 0.00	32.47 2.24 0.00	35.17 2.42 0.00	43.53 2.96 0.00	67.67 4.09 -15.51	50.94 3.67 -1.37	45.42 3.09 0.00	37.65 2.56 0.00	34.28 2.42 0.00	31.85 2.03 0.00	30.15 1.65 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.96 1.85 -2.64	31.03 1.85 -0.75	30.28 1.79 -0.08	30.11 1.73 0.00	30.03 1.67 0.00	34.43 1.85 -4.06	47.79 2.60 -9.52	56.64 3.02 -13.83	44.90 2.61 -7.06	37.05 2.65 0.00	33.53 2.37 0.00	32.65 2.19 0.00	32.40 2.20 0.00	31.89 2.20 0.00	32.47 2.24 0.00	35.17 2.42 0.00	43.53 2.96 0.00	67.67 4.09 -15.51	50.94 3.67 -1.37	45.42 3.09 0.00	37.65 2.56 0.00	34.28 2.42 0.00	31.85 2.03 0.00	30.15 1.65 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.11 1.96 -2.68	31.16 1.96 -0.76	30.39 1.90 -0.08	30.22 1.84 0.00	30.14 1.79 0.00	34.55 1.91 -4.11	48.03 2.71 -9.66	56.83 3.02 -14.02	44.98 2.57 -7.18	36.95 2.55 0.00	33.37 2.21 0.00	32.49 2.04 0.00	32.24 2.05 0.00	31.72 2.02 0.00	32.32 2.09 0.00	35.11 2.36 0.00	43.53 2.96 0.00	67.89 4.09 -15.73	50.96 3.67 -1.39	45.42 3.09 0.00	37.62 2.53 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.12 1.62 0.00
POLETTI____ 23519	31.79 1.91 -1.42	31.05 1.88 -0.73	30.30 1.82 -0.08	30.14 1.76 0.00	30.06 1.70 0.00	31.70 1.85 -1.33	31.79 2.64 6.51	48.17 3.18 -5.20	36.57 2.75 1.41	34.46 2.92 2.87	33.76 2.62 0.02	32.87 2.44 0.02	32.62 2.45 0.02	32.06 2.38 0.02	32.67 2.45 0.02	35.29 2.55 0.02	40.52 3.08 3.14	66.49 4.33 -14.09	49.93 3.86 -0.17	44.04 3.30 1.59	36.61 2.67 1.15	34.46 2.61 0.02	32.00 2.18 0.00	30.23 1.74 0.00
POMONA___ESR 323819	32.83 1.88 -2.49	30.99 1.85 -0.70	30.24 1.76 -0.07	30.08 1.70 0.00	30.03 1.67 0.00	34.28 1.94 -3.82	47.23 2.60 -8.97	55.83 3.02 -13.02	44.45 2.57 -6.64	37.02 2.61 0.00	33.56 2.40 0.00	32.65 2.19 0.00	32.43 2.23 0.00	31.86 2.17 0.00	32.44 2.21 0.00	35.11 2.36 0.00	43.53 2.96 0.00	66.86 4.18 -14.61	50.87 3.67 -1.29	45.59 3.26 0.00	37.65 2.56 0.00	34.28 2.42 0.00	31.82 2.00 0.00	30.20 1.71 0.00
PORT_JEFF_3 23555	41.99 2.59 -10.93	41.27 2.56 -10.27	37.74 2.47 -6.87	37.43 2.41 -6.64	38.33 2.41 -7.56	41.99 2.65 -10.81	48.36 3.35 -9.34	57.05 3.70 -13.56	45.64 3.49 -6.92	42.00 3.58 -4.02	37.58 3.21 -3.21	37.33 2.95 -3.92	37.32 3.02 -4.11	36.87 2.94 -4.23	37.97 3.09 -4.65	39.61 3.34 -3.52	47.72 3.89 -3.25	77.42 5.29 -24.05	67.05 4.77 -16.38	56.47 4.19 -9.95	44.61 3.44 -6.08	42.36 3.34 -7.16	40.89 2.95 -8.12	38.91 2.54 -7.88
PORT_JEFF_4 23616	41.99 2.59 -10.93	41.27 2.56 -10.27	37.74 2.47 -6.87	37.43 2.41 -6.64	38.33 2.41 -7.56	41.99 2.65 -10.81	48.36 3.35 -9.34	57.05 3.70 -13.56	45.64 3.49 -6.92	42.00 3.58 -4.02	37.58 3.21 -3.21	37.33 2.95 -3.92	37.32 3.02 -4.11	36.87 2.94 -4.23	37.97 3.09 -4.65	39.61 3.34 -3.52	47.72 3.89 -3.25	77.42 5.29 -24.05	67.05 4.77 -16.38	56.47 4.19 -9.95	44.61 3.44 -6.08	42.36 3.34 -7.16	40.89 2.95 -8.12	38.91 2.54 -7.88
PORT_JEFF_IC 23713	42.05 2.65 -10.93	41.30 2.59 -10.27	37.77 2.50 -6.87	37.46 2.44 -6.64	38.36 2.44 -7.56	42.05 2.71 -10.81	48.43 3.42 -9.34	57.17 3.82 -13.56	45.71 3.56 -6.92	42.07 3.65 -4.02	37.64 3.27 -3.21	37.39 3.02 -3.92	37.35 3.05 -4.11	36.93 3.00 -4.23	38.02 3.14 -4.65	39.67 3.41 -3.52	47.88 4.06 -3.25	77.65 5.53 -24.05	67.24 4.96 -16.38	56.64 4.36 -9.95	44.71 3.54 -6.08	42.43 3.41 -7.16	40.92 2.98 -8.12	38.96 2.59 -7.88
PPL PILGRIM_ST_GT1 24216	42.10 2.71 -10.93	41.36 2.65 -10.27	37.83 2.56 -6.87	37.55 2.52 -6.64	38.44 2.52 -7.56	42.13 2.80 -10.81	48.65 3.64 -9.34	57.53 4.18 -13.56	45.82 3.66 -6.92	42.17 3.75 -4.02	37.71 3.34 -3.21	37.45 3.07 -3.92	37.41 3.11 -4.11	36.99 3.06 -4.23	38.05 3.17 -4.65	39.67 3.41 -3.52	48.04 4.22 -3.25	77.80 5.67 -24.05	67.34 5.09 -16.34	56.81 4.53 -9.95	44.82 3.65 -6.08	42.46 3.44 -7.16	40.98 3.04 -8.12	39.05 2.68 -7.88
PPL PILGRIM_ST_GT2 24217	42.10 2.71 -10.93	41.36 2.65 -10.27	37.83 2.56 -6.87	37.55 2.52 -6.64	38.44 2.52 -7.56	42.13 2.80 -10.81	48.65 3.64 -9.34	57.53 4.18 -13.56	45.82 3.66 -6.92	42.17 3.75 -4.02	37.71 3.34 -3.21	37.45 3.07 -3.92	37.41 3.11 -4.11	36.99 3.06 -4.23	38.05 3.17 -4.65	39.67 3.41 -3.52	48.04 4.22 -3.25	77.80 5.67 -24.05	67.34 5.09 -16.34	56.81 4.53 -9.95	44.82 3.65 -6.08	42.46 3.44 -7.16	40.98 3.04 -8.12	39.05 2.68 -7.88
PPL_SHRM_GT3 24213	42.19 2.79 -10.93	41.44 2.73 -10.27	37.91 2.64 -6.87	37.60 2.58 -6.64	38.50 2.58 -7.56	42.19 2.85 -10.81	48.72 3.71 -9.34	57.53 4.18 -13.56	45.89 3.73 -6.92	42.21 3.78 -4.02	37.77 3.40 -3.21	37.48 3.11 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.12 3.24 -4.65	39.84 3.57 -3.52	48.28 4.46 -3.25	78.19 6.06 -24.05	67.74 5.46 -16.38	57.10 4.82 -9.95	45.06 3.89 -6.08	42.68 3.66 -7.16	41.10 3.16 -8.12	39.11 2.74 -7.88
PPL_SHRM_GT4 24214	42.19 2.79 -10.93	41.44 2.73 -10.27	37.91 2.64 -6.87	37.60 2.58 -6.64	38.50 2.58 -7.56	42.19 2.85 -10.81	48.72 3.71 -9.34	57.53 4.18 -13.56	45.89 3.73 -6.92	42.21 3.78 -4.02	37.77 3.40 -3.21	37.48 3.11 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.12 3.24 -4.65	39.84 3.57 -3.52	48.28 4.46 -3.25	78.19 6.06 -24.05	67.74 5.46 -16.38	57.10 4.82 -9.95	45.06 3.89 -6.08	42.68 3.66 -7.16	41.10 3.16 -8.12	39.11 2.74 -7.88
PROJECT___ORANGE I 24174	28.71 -0.26 -0.50	28.35 -0.23 -0.14	28.14 -0.28 -0.01	28.10 -0.28 0.00	28.07 -0.28 0.00	29.07 -0.23 -0.77	37.05 -0.43 -1.82	41.91 -0.52 -2.64	36.19 -0.39 -1.34	34.09 -0.31 0.00	30.97 -0.19 0.00	30.36 -0.09 0.00	30.07 -0.12 0.00	29.55 -0.15 0.00	30.02 -0.21 0.00	32.42 -0.33 0.00	40.16 -0.41 0.00	50.99 -0.05 -2.96	45.79 -0.37 -0.26	41.94 -0.38 0.00	34.71 -0.39 0.00	31.48 -0.38 0.00	29.67 -0.15 0.00	28.41 -0.09 0.00

PROJECT___ORANGE 2 24166	28.71 -0.26 -0.50	28.35 -0.23 -0.14	28.14 -0.28 -0.01	28.10 -0.28 0.00	28.07 -0.28 0.00	29.07 -0.23 -0.77	37.05 -0.43 -1.82	41.91 -0.52 -2.64	36.19 -0.39 -1.34	34.09 -0.31 0.00	30.97 -0.19 0.00	30.36 -0.09 0.00	30.07 -0.12 0.00	29.55 -0.15 0.00	30.02 -0.21 0.00	32.42 -0.33 0.00	40.16 -0.41 0.00	50.99 -0.05 -2.96	45.79 -0.37 -0.26	41.94 -0.38 0.00	34.71 -0.39 0.00	31.48 -0.38 0.00	29.67 -0.15 0.00	28.41 -0.09 0.00
PUCKETT___SOLAR 323809	30.30 0.71 -1.12	29.41 0.65 -0.32	29.15 0.71 -0.03	29.03 0.65 0.00	29.01 0.65 0.00	31.04 0.80 -1.72	40.93 1.21 -4.05	46.97 1.31 -5.88	39.36 1.13 -3.00	35.71 1.31 0.00	32.41 1.25 0.00	31.86 1.40 0.00	31.40 1.21 0.00	30.85 1.16 0.00	31.35 1.12 0.00	33.93 1.18 0.00	42.19 1.62 0.00	57.12 2.45 -6.59	48.41 1.93 -0.58	44.06 1.74 0.00	36.53 1.44 0.00	33.04 1.18 0.00	31.04 1.22 0.00	29.61 1.11 0.00
PYRITES___HYD 24023	29.08 0.54 -0.07	29.06 0.60 -0.02	29.01 0.60 0.00	28.98 0.60 0.00	28.95 0.60 0.00	29.20 0.57 -0.11	36.89 0.96 -0.26	41.60 1.43 -0.38	36.52 1.09 -0.20	35.33 0.93 0.00	31.91 0.75 0.00	31.28 0.82 0.00	30.98 0.78 0.00	30.23 0.53 0.00	30.87 0.63 0.00	33.44 0.69 0.00	41.50 0.93 0.00	49.12 0.62 -0.42	47.17 1.24 -0.04	43.55 1.23 0.00	35.97 0.88 0.00	32.56 0.70 0.00	30.36 0.54 0.00	28.95 0.46 0.00
QUAKERRD_115KV_BK1 80622	27.87 -1.20 -0.60	27.50 -1.11 -0.17	27.12 -1.31 -0.02	27.10 -1.28 0.00	27.05 -1.30 0.00	28.50 -0.94 -0.92	36.54 -1.28 -2.16	41.29 -1.63 -3.13	35.64 -1.20 -1.61	33.37 -1.03 0.00	30.32 -0.84 0.00	29.85 -0.61 0.00	29.50 -0.69 0.00	28.95 -0.74 0.00	29.36 -0.88 0.00	31.67 -1.08 0.00	39.27 -1.30 0.00	50.87 -0.72 -3.52	44.79 -1.42 -0.31	41.14 -1.19 0.00	33.90 -1.19 0.00	30.49 -1.37 0.00	29.01 -0.81 0.00	27.64 -0.85 0.00
QUENSBRY_115KV_TB8 356137	33.53 1.65 -3.41	31.08 1.68 -0.96	30.13 1.62 -0.10	29.94 1.56 0.00	30.23 1.87 0.00	35.67 1.91 -5.24	50.74 2.78 -12.29	60.53 2.90 -17.84	47.15 2.85 -9.07	37.05 2.65 0.00	33.43 2.27 0.00	32.43 1.98 0.00	32.18 1.99 0.00	31.60 1.90 0.00	32.23 2.00 0.00	34.81 2.06 0.00	43.12 2.56 0.00	71.23 3.22 -19.94	50.88 3.21 -1.77	44.82 2.50 0.00	37.20 2.11 0.00	33.64 1.78 0.00	31.70 1.88 0.00	30.06 1.57 0.00
RAMAPO___LBMP 323565	32.68 1.74 -2.48	30.85 1.71 -0.70	30.13 1.65 -0.07	29.97 1.59 0.00	29.89 1.53 0.00	34.07 1.74 -3.81	47.07 2.46 -8.95	55.60 2.82 -12.99	44.22 2.36 -6.63	36.85 2.44 0.00	33.37 2.21 0.00	32.53 2.07 0.00	32.27 2.08 0.00	31.72 2.02 0.00	32.29 2.06 0.00	34.95 2.19 0.00	43.33 2.76 0.00	66.54 3.89 -14.57	50.63 3.44 -1.29	45.29 2.96 0.00	37.48 2.39 0.00	34.12 2.26 0.00	31.70 1.88 0.00	30.03 1.54 0.00
RANKINE____ 23646	27.72 -1.45 -0.71	27.19 -1.45 -0.20	27.24 -1.19 -0.02	27.19 -1.19 0.00	27.14 -1.22 0.00	28.61 -1.00 -1.09	36.80 -1.43 -2.56	41.59 -1.91 -3.71	35.93 -1.20 -1.89	34.27 -0.14 0.00	31.16 0.00 0.00	30.91 0.46 0.00	30.55 0.36 0.00	29.90 0.21 0.00	30.23 0.00 0.00	32.36 -0.39 0.00	40.20 -0.37 0.00	51.86 -0.38 -4.17	44.98 -1.29 -0.37	42.20 -0.13 0.00	34.71 -0.39 0.00	31.03 -0.83 0.00	30.03 0.21 0.00	28.44 -0.06 0.00
RAVENSWOOD_GT2_1 24244	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.76 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.40 2.99 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.86 2.77 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT2_2 24245	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.76 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.40 2.99 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.86 2.77 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT2_3 24246	33.08 2.02 -2.59	31.19 2.02 -0.73	30.44 1.96 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.87 2.71 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.81 3.25 0.00	67.82 4.52 -15.22	51.24 3.99 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT2_4 24247	33.08 2.02 -2.59	31.19 2.02 -0.73	30.44 1.96 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.87 2.71 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.44 2.69 0.00	43.81 3.25 0.00	67.82 4.52 -15.22	51.24 3.99 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT3_1 24248	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.76 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT3_2 24249	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.76 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT3_3 24250	33.11 2.05 -2.59	31.22 2.05 -0.73	30.44 1.96 -0.08	30.28 1.90 0.00	30.20 1.84 0.00	34.50 2.00 -3.98	47.79 2.78 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.47 3.06 0.00	33.90 2.74 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.29 0.00	67.86 4.57 -15.22	51.29 4.04 -1.35	45.84 3.51 0.00	37.93 2.84 0.00	34.60 2.74 0.00	32.12 2.30 0.00	30.38 1.88 0.00
RAVENSWOOD_GT3_4 24251	33.11 2.05 -2.59	31.22 2.05 -0.73	30.44 1.96 -0.08	30.28 1.90 0.00	30.20 1.84 0.00	34.50 2.00 -3.98	47.79 2.78 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.47 3.06 0.00	33.90 2.74 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.29 0.00	67.86 4.57 -15.22	51.29 4.04 -1.35	45.84 3.51 0.00	37.93 2.84 0.00	34.60 2.74 0.00	32.12 2.30 0.00	30.38 1.88 0.00

RAVENSWOOD_GT_1 23729	33.19 2.13 -2.59	31.30 2.13 -0.73	30.53 2.05 -0.08	30.37 1.99 0.00	30.28 1.93 0.00	34.47 1.97 -3.98	47.72 2.71 -9.35	56.65 3.30 -13.57	45.05 2.89 -6.92	37.50 3.10 0.00	33.90 2.74 0.00	33.07 2.62 0.00	32.79 2.60 0.00	32.22 2.52 0.00	32.83 2.60 0.00	35.50 2.75 0.00	43.85 3.29 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.63 2.77 0.00	32.15 2.33 0.00	30.40 1.91 0.00
RAVENSWOOD_GT_10 24258	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.76 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT_11 24259	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.76 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT_4 24252	33.05 1.99 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.22 1.84 0.00	30.14 1.79 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.40 2.99 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.70 2.51 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.82 4.52 -15.22	51.24 3.99 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT_5 24254	33.05 1.99 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.22 1.84 0.00	30.14 1.79 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.40 2.99 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.70 2.51 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.82 4.52 -15.22	51.24 3.99 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT_6 24253	33.05 1.99 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.22 1.84 0.00	30.14 1.79 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.40 2.99 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.70 2.51 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.82 4.52 -15.22	51.24 3.99 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT_7 24255	33.05 1.99 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.22 1.84 0.00	30.14 1.79 0.00	34.47 1.97 -3.98	47.79 2.78 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.40 2.99 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.70 2.51 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.82 4.52 -15.22	51.24 3.99 -1.35	45.80 3.47 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.76 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD_GT_9 24257	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.47 1.97 -3.98	47.76 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.84 2.68 0.00	32.98 2.53 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.74 2.51 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.75 3.43 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.09 2.27 0.00	30.35 1.85 0.00
RAVENSWOOD___1 23533	33.19 2.14 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.29 1.93 0.00	34.53 2.03 -3.98	47.69 2.68 -9.35	56.65 3.30 -13.57	45.05 2.89 -6.92	37.47 3.06 0.00	33.93 2.77 0.00	32.98 2.53 0.00	32.79 2.60 0.00	32.19 2.49 0.00	32.83 2.60 0.00	35.47 2.72 0.00	43.85 3.28 0.00	67.77 4.47 -15.22	51.19 3.95 -1.35	45.84 3.51 0.00	37.90 2.81 0.00	34.60 2.74 0.00	32.12 2.30 0.00	30.46 1.96 0.00
RAVENSWOOD___2 23534	33.16 2.11 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.29 1.93 0.00	34.53 2.03 -3.98	47.69 2.68 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.47 3.06 0.00	33.93 2.77 0.00	32.98 2.53 0.00	32.76 2.56 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.28 0.00	67.77 4.47 -15.22	51.19 3.95 -1.35	45.84 3.51 0.00	37.86 2.77 0.00	34.60 2.74 0.00	32.12 2.30 0.00	30.46 1.96 0.00
RAVENSWOOD___3 23535	33.08 2.02 -2.59	31.16 1.99 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.20 1.84 0.00	34.53 2.03 -3.98	47.76 2.75 -9.35	56.65 3.30 -13.57	45.01 2.85 -6.92	37.43 3.03 0.00	33.90 2.74 0.00	32.92 2.47 0.00	32.73 2.54 0.00	32.16 2.46 0.00	32.77 2.54 0.00	35.40 2.65 0.00	43.81 3.25 0.00	67.77 4.47 -15.22	51.24 3.99 -1.35	45.88 3.56 0.00	37.90 2.81 0.00	34.57 2.71 0.00	32.08 2.27 0.00	30.40 1.91 0.00
RAVENSWOOD___4 23820	33.16 2.11 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.26 1.90 0.00	34.50 2.00 -3.98	47.69 2.68 -9.35	56.62 3.26 -13.57	45.01 2.85 -6.92	37.47 3.06 0.00	33.90 2.74 0.00	32.98 2.53 0.00	32.76 2.56 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.44 2.69 0.00	43.81 3.25 0.00	67.72 4.42 -15.22	51.19 3.95 -1.35	45.84 3.51 0.00	37.86 2.77 0.00	34.60 2.74 0.00	32.12 2.30 0.00	30.43 1.94 0.00
RCPI_TRUST___DRP 24196	33.08 2.02 -2.59	31.19 2.02 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.50 2.00 -3.98	47.83 2.82 -9.34	56.69 3.34 -13.57	45.08 2.92 -6.92	37.50 3.10 0.00	33.90 2.74 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.22 2.52 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.29 0.00	67.91 4.62 -15.22	51.33 4.08 -1.35	45.84 3.51 0.00	37.93 2.84 0.00	34.60 2.74 0.00	32.12 2.30 0.00	30.35 1.85 0.00
RED___ROCHESTER 323720	28.68 -0.40 -0.62	28.19 -0.43 -0.17	27.72 -0.71 -0.02	27.75 -0.62 0.00	27.68 -0.68 0.00	29.21 -0.26 -0.95	37.56 -0.32 -2.22	42.41 -0.60 -3.22	36.63 -0.24 -1.65	34.47 0.07 0.00	31.28 0.13 0.00	31.09 0.64 0.00	30.52 0.33 0.00	29.93 0.24 0.00	30.29 0.06 0.00	32.69 -0.07 0.00	40.53 -0.04 0.00	52.70 1.01 -3.61	46.22 0.00 -0.32	41.90 -0.42 0.00	34.99 -0.10 0.00	31.38 -0.48 0.00	29.97 0.15 0.00	28.55 0.06 0.00

REGAN___SOLAR 323812	34.46 2.02 -3.97	31.58 2.02 -1.12	30.46 1.93 -0.12	30.31 1.93 0.00	30.77 2.41 0.00	37.19 2.57 -6.10	53.73 3.74 -14.32	64.79 4.22 -20.79	49.86 4.05 -10.57	38.19 3.78 0.00	34.30 3.15 0.00	33.41 2.95 0.00	33.06 2.87 0.00	32.28 2.58 0.00	32.95 2.72 0.00	36.03 3.27 0.00	44.83 4.26 0.00	76.71 5.38 -23.25	53.14 5.18 -2.06	46.81 4.48 0.00	38.67 3.58 0.00	34.89 3.03 0.00	32.38 2.56 0.00	30.38 1.88 0.00
RENSSELAER___COGEN 23796	32.55 0.80 -3.29	30.16 0.80 -0.93	29.27 0.77 -0.10	29.12 0.74 0.00	29.15 0.79 0.00	34.54 0.97 -5.05	48.73 1.21 -11.86	58.27 1.27 -17.21	45.16 1.16 -8.77	35.44 1.03 0.00	32.00 0.84 0.00	31.12 0.67 0.00	30.95 0.76 0.00	30.50 0.80 0.00	31.11 0.88 0.00	33.77 1.02 0.00	41.83 1.26 0.00	68.98 1.64 -19.27	49.12 1.51 -1.71	43.55 1.23 0.00	36.14 1.05 0.00	32.91 1.05 0.00	30.65 0.83 0.00	29.12 0.63 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.83 2.96 -3.41	32.36 2.96 -0.96	31.35 2.84 -0.10	31.16 2.78 0.00	31.67 3.32 0.00	37.09 3.34 -5.23	52.73 4.78 -12.29	62.71 5.09 -17.84	49.26 4.97 -9.06	39.12 4.71 0.00	35.24 4.08 0.00	34.23 3.78 0.00	33.87 3.68 0.00	33.14 3.44 0.00	33.83 3.60 0.00	36.71 3.96 0.00	45.48 4.91 0.00	74.11 6.11 -19.93	53.72 6.06 -1.76	47.32 4.99 0.00	39.20 4.11 0.00	35.27 3.41 0.00	33.25 3.43 0.00	31.32 2.82 0.00
REVERE_CPPR_DRP 24186	29.67 0.94 -0.26	29.48 0.97 -0.07	29.35 0.94 -0.01	29.26 0.88 0.00	29.26 0.91 0.00	29.98 1.06 -0.40	38.14 1.53 -0.95	43.07 1.91 -1.37	37.59 1.66 -0.70	36.06 1.65 0.00	32.59 1.43 0.00	31.95 1.49 0.00	31.55 1.36 0.00	31.09 1.40 0.00	31.59 1.36 0.00	34.23 1.47 0.00	42.52 1.95 0.00	52.17 2.55 -1.54	48.42 2.39 -0.14	44.44 2.12 0.00	36.74 1.65 0.00	33.23 1.37 0.00	31.10 1.28 0.00	29.69 1.20 0.00
REYNOLDS_115KV_TB3 80639	32.81 1.05 -3.29	30.42 1.05 -0.93	29.56 1.05 -0.10	29.40 1.02 0.00	29.41 1.05 0.00	34.72 1.14 -5.06	49.07 1.53 -11.88	58.70 1.67 -17.24	45.49 1.48 -8.78	35.75 1.34 0.00	32.28 1.12 0.00	31.40 0.94 0.00	31.22 1.03 0.00	30.80 1.10 0.00	31.38 1.15 0.00	34.09 1.34 0.00	42.19 1.62 0.00	69.39 2.02 -19.30	49.54 1.93 -1.71	43.72 1.40 0.00	36.42 1.33 0.00	33.20 1.34 0.00	30.89 1.07 0.00	29.32 0.83 0.00
RIVERBAY____ 323610	33.48 2.42 -2.59	31.62 2.45 -0.73	30.87 2.39 -0.08	30.65 2.27 0.00	30.57 2.21 0.00	34.53 2.03 -3.98	47.79 2.78 -9.35	56.77 3.42 -13.57	45.08 2.92 -6.92	37.57 3.17 0.00	33.93 2.77 0.00	33.07 2.62 0.00	32.85 2.66 0.00	32.22 2.52 0.00	32.86 2.63 0.00	35.50 2.75 0.00	43.81 3.25 0.00	68.01 4.71 -15.22	51.29 4.04 -1.35	45.80 3.47 0.00	37.93 2.84 0.00	34.66 2.80 0.00	32.20 2.39 0.00	30.58 2.08 0.00
RIVERSDE_115KV_TB3 55908	32.71 0.94 -3.30	30.31 0.94 -0.93	29.44 0.94 -0.10	29.29 0.91 0.00	29.29 0.94 0.00	34.62 1.03 -5.07	48.96 1.39 -11.91	58.58 1.51 -17.29	45.41 1.37 -8.80	35.64 1.24 0.00	32.19 1.03 0.00	31.34 0.88 0.00	31.16 0.97 0.00	30.71 1.01 0.00	31.29 1.06 0.00	34.00 1.24 0.00	42.07 1.50 0.00	69.30 1.87 -19.35	49.40 1.79 -1.71	43.64 1.31 0.00	36.32 1.23 0.00	33.07 1.21 0.00	30.77 0.95 0.00	29.21 0.71 0.00
ROARING___BROOK_WT_PWR 323790	27.76 -0.71 0.00	27.73 -0.71 0.00	27.73 -0.68 0.00	27.70 -0.68 0.00	27.68 -0.68 0.00	27.75 -0.77 0.00	34.77 -0.89 0.00	38.95 -0.84 0.00	34.56 -0.67 0.00	33.75 -0.65 0.00	30.63 -0.53 0.00	29.97 -0.49 0.00	29.74 -0.45 0.00	29.28 -0.42 0.00	29.87 -0.36 0.00	32.42 -0.33 0.00	40.16 -0.41 0.00	47.31 -0.77 0.00	45.67 -0.23 0.00	42.16 -0.17 0.00	34.95 -0.14 0.00	31.73 -0.13 0.00	29.67 -0.15 0.00	28.35 -0.14 0.00
ROCHESRG_115KV_T4 355643	28.28 -0.80 -0.61	27.90 -0.71 -0.17	27.46 -0.97 -0.02	27.47 -0.91 0.00	27.39 -0.96 0.00	28.98 -0.48 -0.94	37.13 -0.75 -2.21	41.92 -1.07 -3.21	36.24 -0.63 -1.64	34.03 -0.38 0.00	30.91 -0.25 0.00	30.55 0.09 0.00	30.16 -0.03 0.00	29.58 -0.12 0.00	29.96 -0.27 0.00	32.26 -0.49 0.00	39.96 -0.61 0.00	51.87 0.19 -3.60	45.58 -0.64 -0.32	41.94 -0.38 0.00	34.53 -0.56 0.00	31.00 -0.86 0.00	29.64 -0.18 0.00	28.18 -0.31 0.00
ROCHESTER_9_IC 23652	28.46 -0.63 -0.62	28.10 -0.51 -0.17	27.63 -0.80 -0.02	27.64 -0.74 0.00	27.59 -0.77 0.00	29.18 -0.29 -0.95	37.42 -0.46 -2.22	42.25 -0.76 -3.22	36.53 -0.35 -1.65	34.30 -0.10 0.00	31.16 0.00 0.00	30.79 0.33 0.00	30.40 0.21 0.00	29.82 0.12 0.00	30.17 -0.06 0.00	32.52 -0.23 0.00	40.32 -0.24 0.00	52.36 0.67 -3.61	45.99 -0.23 -0.32	42.33 0.00 0.00	34.81 -0.28 0.00	31.25 -0.61 0.00	29.85 0.03 0.00	28.38 -0.11 0.00
ROCKVIEW_13_KV_LD 356306	33.11 2.05 -2.59	31.19 2.02 -0.73	30.44 1.96 -0.08	30.28 1.90 0.00	30.20 1.84 0.00	34.56 2.05 -3.98	47.93 2.92 -9.34	56.77 3.42 -13.56	45.11 2.96 -6.92	37.47 3.06 0.00	33.90 2.74 0.00	33.04 2.59 0.00	32.76 2.57 0.00	32.22 2.52 0.00	32.83 2.60 0.00	35.50 2.75 0.00	43.94 3.37 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.92 3.60 0.00	38.04 2.95 0.00	34.63 2.77 0.00	32.15 2.33 0.00	30.38 1.88 0.00
ROME____115KV_TB2 80656	29.67 0.94 -0.26	29.48 0.97 -0.07	29.35 0.94 -0.01	29.26 0.88 0.00	29.26 0.91 0.00	29.98 1.06 -0.40	38.14 1.53 -0.95	43.07 1.91 -1.37	37.59 1.66 -0.70	36.06 1.65 0.00	32.59 1.43 0.00	31.95 1.49 0.00	31.55 1.36 0.00	31.09 1.40 0.00	31.59 1.36 0.00	34.23 1.47 0.00	42.52 1.95 0.00	52.17 2.55 -1.54	48.42 2.39 -0.14	44.44 2.12 0.00	36.74 1.65 0.00	33.23 1.37 0.00	31.10 1.28 0.00	29.69 1.20 0.00
ROSETON___1 23587	32.69 1.65 -2.57	30.81 1.65 -0.73	30.07 1.59 -0.08	29.91 1.53 0.00	29.86 1.50 0.00	34.22 1.74 -3.95	47.27 2.32 -9.29	55.93 2.67 -13.48	44.40 2.29 -6.88	36.71 2.31 0.00	33.25 2.09 0.00	32.31 1.86 0.00	32.13 1.93 0.00	31.60 1.90 0.00	32.20 1.96 0.00	34.85 2.10 0.00	43.17 2.60 0.00	66.81 3.61 -15.12	50.45 3.21 -1.34	45.12 2.79 0.00	37.34 2.25 0.00	33.99 2.13 0.00	31.58 1.76 0.00	30.00 1.51 0.00
ROSETON___2 23588	32.69 1.65 -2.57	30.81 1.65 -0.73	30.07 1.59 -0.08	29.91 1.53 0.00	29.86 1.50 0.00	34.22 1.74 -3.95	47.27 2.32 -9.29	55.93 2.67 -13.48	44.40 2.29 -6.88	36.71 2.31 0.00	33.25 2.09 0.00	32.31 1.86 0.00	32.13 1.93 0.00	31.60 1.90 0.00	32.20 1.96 0.00	34.85 2.10 0.00	43.17 2.60 0.00	66.81 3.61 -15.12	50.45 3.21 -1.34	45.12 2.79 0.00	37.34 2.25 0.00	33.99 2.13 0.00	31.58 1.76 0.00	30.00 1.51 0.00
ROTTDRAM_115KV_TB3 80664	33.08 1.17 -3.45	30.58 1.17 -0.97	29.67 1.16 -0.10	29.51 1.14 0.00	29.55 1.19 0.00	35.07 1.26 -5.29	49.84 1.75 -12.43	59.74 1.91 -18.04	46.23 1.83 -9.17	36.12 1.72 0.00	32.65 1.50 0.00	31.79 1.34 0.00	31.55 1.36 0.00	31.06 1.37 0.00	31.65 1.42 0.00	34.36 1.60 0.00	42.56 1.99 0.00	70.77 2.55 -20.15	50.07 2.39 -1.78	44.27 1.95 0.00	36.78 1.68 0.00	33.39 1.53 0.00	31.16 1.34 0.00	29.58 1.08 0.00

RUSSELL___1 23602	28.57 -0.51 -0.62	28.19 -0.43 -0.17	27.72 -0.71 -0.02	27.75 -0.62 0.00	27.68 -0.68 0.00	29.30 -0.17 -0.95	37.56 -0.32 -2.22	42.41 -0.60 -3.22	36.67 -0.21 -1.65	34.47 0.07 0.00	31.28 0.12 0.00	30.94 0.49 0.00	30.52 0.33 0.00	29.93 0.24 0.00	30.29 0.06 0.00	32.69 -0.07 0.00	40.53 -0.04 0.00	52.65 0.96 -3.61	46.22 0.00 -0.32	42.54 0.21 0.00	34.99 -0.11 0.00	31.38 -0.48 0.00	29.97 0.15 0.00	28.49 0.00 0.00
RUSSELL___2 23532	28.57 -0.51 -0.62	28.19 -0.43 -0.17	27.72 -0.71 -0.02	27.75 -0.62 0.00	27.68 -0.68 0.00	29.30 -0.17 -0.95	37.56 -0.32 -2.22	42.41 -0.60 -3.22	36.67 -0.21 -1.65	34.47 0.07 0.00	31.28 0.12 0.00	30.94 0.49 0.00	30.52 0.33 0.00	29.93 0.24 0.00	30.29 0.06 0.00	32.69 -0.07 0.00	40.53 -0.04 0.00	52.65 0.96 -3.61	46.22 0.00 -0.32	42.54 0.21 0.00	34.99 -0.11 0.00	31.38 -0.48 0.00	29.97 0.15 0.00	28.49 0.00 0.00
RUSSELL___3 23549	28.57 -0.51 -0.62	28.19 -0.43 -0.17	27.72 -0.71 -0.02	27.75 -0.62 0.00	27.68 -0.68 0.00	29.30 -0.17 -0.95	37.56 -0.32 -2.22	42.41 -0.60 -3.22	36.67 -0.21 -1.65	34.47 0.07 0.00	31.28 0.12 0.00	30.94 0.49 0.00	30.52 0.33 0.00	29.93 0.24 0.00	30.29 0.06 0.00	32.69 -0.07 0.00	40.53 -0.04 0.00	52.65 0.96 -3.61	46.22 0.00 -0.32	42.54 0.21 0.00	34.99 -0.11 0.00	31.38 -0.48 0.00	29.97 0.15 0.00	28.49 0.00 0.00
RUSSELL___4 23556	28.57 -0.51 -0.62	28.19 -0.43 -0.17	27.72 -0.71 -0.02	27.75 -0.62 0.00	27.68 -0.68 0.00	29.30 -0.17 -0.95	37.56 -0.32 -2.22	42.41 -0.60 -3.22	36.67 -0.21 -1.65	34.47 0.07 0.00	31.28 0.12 0.00	30.94 0.49 0.00	30.52 0.33 0.00	29.93 0.24 0.00	30.29 0.06 0.00	32.69 -0.07 0.00	40.53 -0.04 0.00	52.65 0.96 -3.61	46.22 0.00 -0.32	42.54 0.21 0.00	34.99 -0.11 0.00	31.38 -0.48 0.00	29.97 0.15 0.00	28.49 0.00 0.00
RUSSELL___STATION 23914	28.57 -0.51 -0.62	28.19 -0.43 -0.17	27.72 -0.71 -0.02	27.75 -0.62 0.00	27.68 -0.68 0.00	29.30 -0.17 -0.95	37.56 -0.32 -2.22	42.41 -0.60 -3.22	36.67 -0.21 -1.65	34.47 0.07 0.00	31.28 0.12 0.00	30.94 0.49 0.00	30.52 0.33 0.00	29.93 0.24 0.00	30.29 0.06 0.00	32.69 -0.07 0.00	40.53 -0.04 0.00	52.65 0.96 -3.61	46.22 0.00 -0.32	42.54 0.21 0.00	34.99 -0.11 0.00	31.38 -0.48 0.00	29.97 0.15 0.00	28.49 0.00 0.00
S SALMON___HYD 24043	28.67 -0.23 -0.43	28.33 -0.23 -0.12	28.14 -0.28 -0.01	28.07 -0.31 0.00	28.07 -0.28 0.00	28.99 -0.20 -0.67	37.02 -0.21 -1.57	41.78 -0.28 -2.28	36.11 -0.28 -1.16	34.17 -0.24 0.00	30.91 -0.25 0.00	30.36 -0.09 0.00	29.98 -0.21 0.00	29.49 -0.21 0.00	29.96 -0.27 0.00	32.39 -0.36 0.00	40.24 -0.33 0.00	50.72 0.10 -2.55	46.03 -0.09 -0.23	42.12 -0.21 0.00	34.92 -0.17 0.00	31.60 -0.26 0.00	29.73 -0.09 0.00	28.47 -0.03 0.00
S.PERRY___115KV_TB1 80734	29.17 -0.03 -0.74	28.70 0.06 -0.21	28.37 -0.06 -0.02	28.38 0.00 0.00	28.30 -0.06 0.00	30.08 0.43 -1.13	38.96 0.64 -2.66	44.12 0.48 -3.86	37.84 0.63 -1.97	35.37 0.96 0.00	32.12 0.97 0.00	31.76 1.31 0.00	31.34 1.15 0.00	30.74 1.04 0.00	31.11 0.88 0.00	33.60 0.85 0.00	41.83 1.26 0.00	55.14 2.74 -4.33	47.89 1.61 -0.38	44.36 2.03 0.00	36.39 1.30 0.00	32.62 0.76 0.00	31.10 1.28 0.00	29.46 0.97 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.57 -1.59 -0.70	27.10 -1.54 -0.20	26.95 -1.48 -0.02	26.90 -1.48 0.00	26.85 -1.50 0.00	28.45 -1.14 -1.07	36.50 -1.68 -2.51	41.20 -2.23 -3.64	35.61 -1.48 -1.86	33.79 -0.62 0.00	30.72 -0.44 0.00	30.48 0.03 0.00	30.13 -0.06 0.00	29.52 -0.18 0.00	29.84 -0.39 0.00	31.93 -0.82 0.00	39.63 -0.93 0.00	51.30 -0.87 -4.09	44.56 -1.70 -0.36	41.56 -0.76 0.00	34.18 -0.91 0.00	30.58 -1.27 0.00	29.64 -0.18 0.00	28.07 -0.43 0.00
SAWYER___23_KV_LOAD 55526	27.57 -1.59 -0.70	27.10 -1.54 -0.20	26.95 -1.48 -0.02	26.90 -1.48 0.00	26.85 -1.50 0.00	28.45 -1.14 -1.07	36.50 -1.68 -2.51	41.20 -2.23 -3.64	35.61 -1.48 -1.86	33.79 -0.62 0.00	30.72 -0.44 0.00	30.48 0.03 0.00	30.13 -0.06 0.00	29.52 -0.18 0.00	29.84 -0.39 0.00	31.93 -0.82 0.00	39.63 -0.93 0.00	51.30 -0.87 -4.09	44.56 -1.70 -0.36	41.56 -0.76 0.00	34.18 -0.91 0.00	30.58 -1.27 0.00	29.64 -0.18 0.00	28.07 -0.43 0.00
SELKIRK___I 23801	32.68 0.94 -3.28	30.30 0.94 -0.93	29.44 0.94 -0.10	29.29 0.91 0.00	29.29 0.93 0.00	34.64 1.08 -5.04	48.84 1.35 -11.82	58.42 1.47 -17.16	45.28 1.30 -8.75	35.61 1.20 0.00	32.19 1.03 0.00	31.34 0.88 0.00	31.16 0.97 0.00	30.71 1.01 0.00	31.29 1.06 0.00	33.93 1.18 0.00	41.99 1.42 0.00	69.23 1.93 -19.23	49.35 1.74 -1.70	43.81 1.48 0.00	36.32 1.23 0.00	33.04 1.18 0.00	30.80 0.98 0.00	29.29 0.80 0.00
SELKIRK___II 23799	32.65 0.91 -3.27	30.27 0.91 -0.92	29.41 0.91 -0.10	29.26 0.88 0.00	29.26 0.91 0.00	34.61 1.06 -5.03	48.79 1.32 -11.81	58.36 1.43 -17.14	45.23 1.27 -8.74	35.57 1.17 0.00	32.13 0.97 0.00	31.28 0.82 0.00	31.10 0.90 0.00	30.65 0.95 0.00	31.23 1.00 0.00	33.90 1.15 0.00	41.95 1.38 0.00	69.11 1.83 -19.20	49.30 1.70 -1.70	43.72 1.39 0.00	36.28 1.19 0.00	33.00 1.15 0.00	30.74 0.93 0.00	29.23 0.74 0.00
SENECA OSWGO___HYD 24041	28.54 -0.40 -0.47	28.17 -0.40 -0.13	27.97 -0.46 -0.01	27.90 -0.48 0.00	27.87 -0.48 0.00	28.83 -0.43 -0.73	36.77 -0.61 -1.71	41.52 -0.76 -2.49	35.90 -0.60 -1.27	33.89 -0.52 0.00	30.72 -0.44 0.00	30.15 -0.30 0.00	29.80 -0.39 0.00	29.28 -0.42 0.00	29.75 -0.48 0.00	32.19 -0.56 0.00	39.88 -0.69 0.00	50.48 -0.39 -2.79	45.50 -0.64 -0.25	41.61 -0.72 0.00	34.49 -0.60 0.00	31.29 -0.57 0.00	29.43 -0.39 0.00	28.21 -0.28 0.00
SENECA___115KV_TB3 355854	27.75 -1.42 -0.71	27.25 -1.39 -0.20	27.26 -1.16 -0.02	27.22 -1.16 0.00	27.19 -1.16 0.00	28.67 -0.94 -1.09	36.83 -1.39 -2.56	41.67 -1.83 -3.71	36.00 -1.13 -1.89	34.34 -0.07 0.00	31.22 0.06 0.00	31.00 0.55 0.00	30.61 0.42 0.00	29.96 0.27 0.00	30.29 0.06 0.00	32.42 -0.33 0.00	40.28 -0.28 0.00	51.95 -0.29 -4.17	45.07 -1.19 -0.37	42.28 -0.04 0.00	34.78 -0.32 0.00	31.09 -0.76 0.00	30.09 0.27 0.00	28.47 -0.03 0.00
SENECA___ENERGY 23797	28.79 -0.28 -0.61	28.30 -0.31 -0.17	28.06 -0.37 -0.02	28.01 -0.37 0.00	28.02 -0.34 0.00	29.29 -0.17 -0.94	37.69 -0.18 -2.21	42.63 -0.36 -3.20	36.79 -0.11 -1.67	34.51 0.10 0.00	31.32 0.16 0.00	30.82 0.37 0.00	30.37 0.18 0.00	29.85 0.15 0.00	30.26 0.03 0.00	32.62 -0.13 0.00	40.49 -0.08 0.00	52.25 0.58 -3.59	46.22 0.00 -0.32	42.16 -0.17 0.00	34.99 -0.10 0.00	31.67 -0.19 0.00	29.91 0.09 0.00	28.55 0.06 0.00
SHOEMAKER___GT 23640	32.26 1.45 -2.34	30.52 1.42 -0.66	29.87 1.39 -0.07	29.71 1.33 0.00	29.66 1.31 0.00	33.60 1.48 -3.60	46.10 2.00 -8.45	54.31 2.27 -12.26	43.42 1.94 -6.25	36.33 1.93 0.00	32.87 1.71 0.00	32.04 1.58 0.00	31.79 1.60 0.00	31.27 1.57 0.00	31.83 1.60 0.00	34.52 1.77 0.00	42.76 2.19 0.00	65.00 3.17 -13.75	49.87 2.75 -1.22	44.78 2.45 0.00	37.02 1.93 0.00	33.64 1.78 0.00	31.31 1.49 0.00	29.78 1.28 0.00

SHOEMAKR_138KV_BK 111 55601	32.21 1.42 -2.32	30.52 1.42 -0.66	29.84 1.36 -0.07	29.68 1.31 0.00	29.63 1.28 0.00	33.52 1.43 -3.57	46.08 2.03 -8.38	54.22 2.27 -12.17	43.38 1.94 -6.20	36.37 1.96 0.00	32.90 1.74 0.00	32.07 1.61 0.00	31.82 1.63 0.00	31.30 1.60 0.00	31.87 1.63 0.00	34.52 1.77 0.00	42.80 2.23 0.00	64.90 3.17 -13.65	49.91 2.80 -1.21	44.70 2.37 0.00	37.02 1.93 0.00	33.67 1.82 0.00	31.31 1.49 0.00	29.72 1.23 0.00
SHOREHAM_IC_1 23715	42.19 2.79 -10.93	41.44 2.73 -10.27	37.91 2.64 -6.87	37.60 2.58 -6.64	38.50 2.58 -7.56	42.19 2.85 -10.81	48.72 3.71 -9.34	57.53 4.18 -13.56	45.89 3.73 -6.92	42.21 3.78 -4.02	37.77 3.40 -3.21	37.48 3.11 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.12 3.24 -4.65	39.84 3.57 -3.52	48.28 4.46 -3.25	78.19 6.06 -24.05	67.74 5.46 -16.38	57.10 4.82 -9.95	45.06 3.89 -6.08	42.68 3.66 -7.16	41.10 3.16 -8.12	39.11 2.74 -7.88
SHOREHAM_IC_2 23716	42.19 2.79 -10.93	41.44 2.73 -10.27	37.91 2.64 -6.87	37.60 2.58 -6.64	38.50 2.58 -7.56	42.19 2.85 -10.81	48.72 3.71 -9.34	57.53 4.18 -13.56	45.89 3.73 -6.92	42.21 3.78 -4.02	37.77 3.40 -3.21	37.48 3.11 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.12 3.24 -4.65	39.84 3.57 -3.52	48.28 4.46 -3.25	78.19 6.06 -24.05	67.74 5.46 -16.38	57.10 4.82 -9.95	45.06 3.89 -6.08	42.68 3.66 -7.16	41.10 3.16 -8.12	39.11 2.74 -7.88
SISSONVILLE____ 23735	28.74 0.20 -0.08	28.72 0.26 -0.02	28.64 0.23 0.00	28.63 0.26 0.00	28.61 0.26 0.00	28.81 0.17 -0.12	36.33 0.39 -0.28	40.83 0.64 -0.40	35.90 0.46 -0.21	34.68 0.28 0.00	31.38 0.22 0.00	30.70 0.24 0.00	30.43 0.24 0.00	29.70 0.00 0.00	30.32 0.09 0.00	32.91 0.16 0.00	40.77 0.20 0.00	48.33 -0.19 -0.45	46.31 0.37 -0.04	42.71 0.38 0.00	35.37 0.28 0.00	32.08 0.22 0.00	29.91 0.09 0.00	28.58 0.09 0.00
SITHE_IND_GS1 24169	28.14 -0.74 -0.42	27.79 -0.77 -0.12	27.62 -0.80 -0.01	27.58 -0.79 0.00	27.53 -0.82 0.00	28.37 -0.80 -0.64	35.99 -1.18 -1.50	40.58 -1.39 -2.18	35.18 -1.16 -1.11	33.30 -1.10 0.00	30.19 -0.97 0.00	29.60 -0.85 0.00	29.29 -0.90 0.00	28.81 -0.89 0.00	29.26 -0.97 0.00	31.67 -1.08 0.00	39.23 -1.34 0.00	49.28 -1.25 -2.45	44.69 -1.42 -0.22	40.89 -1.44 0.00	33.93 -1.16 0.00	30.78 -1.08 0.00	28.95 -0.87 0.00	27.84 -0.65 0.00
SITHE_IND_GS2 24170	28.14 -0.74 -0.42	27.79 -0.77 -0.12	27.62 -0.80 -0.01	27.58 -0.79 0.00	27.53 -0.82 0.00	28.37 -0.80 -0.64	35.99 -1.18 -1.50	40.58 -1.39 -2.18	35.18 -1.16 -1.11	33.30 -1.10 0.00	30.19 -0.97 0.00	29.60 -0.85 0.00	29.29 -0.90 0.00	28.81 -0.89 0.00	29.26 -0.97 0.00	31.67 -1.08 0.00	39.23 -1.34 0.00	49.28 -1.25 -2.45	44.69 -1.42 -0.22	40.89 -1.44 0.00	33.93 -1.16 0.00	30.78 -1.08 0.00	28.95 -0.87 0.00	27.84 -0.65 0.00
SITHE_IND_GS3 24171	28.14 -0.74 -0.42	27.79 -0.77 -0.12	27.62 -0.80 -0.01	27.58 -0.79 0.00	27.53 -0.82 0.00	28.37 -0.80 -0.64	35.99 -1.18 -1.50	40.58 -1.39 -2.18	35.18 -1.16 -1.11	33.30 -1.10 0.00	30.19 -0.97 0.00	29.60 -0.85 0.00	29.29 -0.90 0.00	28.81 -0.89 0.00	29.26 -0.97 0.00	31.67 -1.08 0.00	39.23 -1.34 0.00	49.28 -1.25 -2.45	44.69 -1.42 -0.22	40.89 -1.44 0.00	33.93 -1.16 0.00	30.78 -1.08 0.00	28.95 -0.87 0.00	27.84 -0.65 0.00
SITHE_IND_GS4 24172	28.14 -0.74 -0.42	27.79 -0.77 -0.12	27.62 -0.80 -0.01	27.58 -0.79 0.00	27.53 -0.82 0.00	28.37 -0.80 -0.64	35.99 -1.18 -1.50	40.58 -1.39 -2.18	35.18 -1.16 -1.11	33.30 -1.10 0.00	30.19 -0.97 0.00	29.60 -0.85 0.00	29.29 -0.90 0.00	28.81 -0.89 0.00	29.26 -0.97 0.00	31.67 -1.08 0.00	39.23 -1.34 0.00	49.28 -1.25 -2.45	44.69 -1.42 -0.22	40.89 -1.44 0.00	33.93 -1.16 0.00	30.78 -1.08 0.00	28.95 -0.87 0.00	27.84 -0.65 0.00
SITHE____BATAVIA 24024	28.41 -0.71 -0.66	27.83 -0.80 -0.19	27.49 -0.94 -0.02	27.53 -0.85 0.00	27.45 -0.91 0.00	29.02 -0.51 -1.01	37.42 -0.61 -2.37	42.19 -1.03 -3.43	36.49 -0.49 -1.75	34.54 0.14 0.00	31.38 0.22 0.00	31.34 0.88 0.00	30.67 0.48 0.00	30.02 0.33 0.00	30.35 0.12 0.00	32.65 -0.10 0.00	40.57 0.00 0.00	52.79 0.87 -3.85	45.92 -0.32 -0.34	41.73 -0.59 0.00	35.02 -0.07 0.00	31.29 -0.57 0.00	30.18 0.36 0.00	28.64 0.14 0.00
SITHE____INDEPEND 23800	28.11 -0.77 -0.42	27.79 -0.77 -0.12	27.62 -0.80 -0.01	27.58 -0.79 0.00	27.53 -0.82 0.00	28.39 -0.77 -0.64	35.99 -1.18 -1.50	40.58 -1.39 -2.18	35.18 -1.16 -1.11	33.30 -1.10 0.00	30.19 -0.97 0.00	29.57 -0.88 0.00	29.29 -0.91 0.00	28.81 -0.89 0.00	29.27 -0.97 0.00	31.67 -1.08 0.00	39.23 -1.34 0.00	49.28 -1.25 -2.45	44.69 -1.42 -0.22	40.97 -1.35 0.00	33.93 -1.16 0.00	30.78 -1.08 0.00	28.95 -0.86 0.00	27.84 -0.66 0.00
SITHE____MASSENA 23902	28.58 0.11 0.00	28.61 0.17 0.00	28.58 0.17 0.00	28.58 0.20 0.00	28.53 0.17 0.00	28.55 0.03 0.00	35.84 0.18 0.00	40.14 0.36 0.00	35.45 0.21 0.00	34.51 0.10 0.00	31.25 0.09 0.00	30.55 0.09 0.00	30.31 0.12 0.00	29.55 -0.15 0.00	30.17 -0.06 0.00	32.72 -0.03 0.00	40.53 -0.04 0.00	47.50 -0.57 0.00	45.85 -0.05 0.00	42.37 0.04 0.00	35.09 0.00 0.00	31.86 0.00 0.00	29.76 -0.06 0.00	28.41 -0.09 0.00
SITHE____OGDNSBRG 24021	29.01 0.48 -0.06	29.00 0.54 -0.02	28.95 0.54 0.00	28.95 0.57 0.00	28.92 0.57 0.00	29.10 0.48 -0.10	36.71 0.82 -0.22	41.39 1.27 -0.33	36.33 0.95 -0.15	35.16 0.76 0.00	31.78 0.62 0.00	31.12 0.67 0.00	30.83 0.63 0.00	30.08 0.39 0.00	30.72 0.48 0.00	33.31 0.56 0.00	41.34 0.77 0.00	48.82 0.43 -0.31	46.98 1.06 -0.03	43.38 1.06 0.00	35.83 0.74 0.00	32.46 0.61 0.00	30.24 0.42 0.00	28.89 0.40 0.00
SITHE____STERLING 23777	29.54 0.77 -0.30	29.29 0.77 -0.09	29.15 0.74 -0.01	29.09 0.71 0.00	29.07 0.71 0.00	29.82 0.83 -0.47	37.98 1.21 -1.10	42.86 1.47 -1.60	37.31 1.27 -0.81	35.71 1.31 0.00	32.31 1.15 0.00	31.70 1.25 0.00	31.31 1.12 0.00	30.80 1.10 0.00	31.32 1.09 0.00	33.90 1.15 0.00	42.07 1.50 0.00	51.89 2.02 -1.79	47.85 1.79 -0.16	43.85 1.52 0.00	36.35 1.26 0.00	32.88 1.02 0.00	30.80 0.98 0.00	29.43 0.94 0.00
SLEIGHT__34_KV_TB1 80719	28.47 -0.60 -0.60	28.07 -0.54 -0.17	27.72 -0.71 -0.02	27.70 -0.68 0.00	27.65 -0.71 0.00	29.10 -0.34 -0.92	37.32 -0.50 -2.15	42.24 -0.68 -3.13	36.54 -0.32 -1.62	34.23 -0.17 0.00	31.07 -0.09 0.00	30.61 0.15 0.00	30.22 0.03 0.00	29.64 -0.06 0.00	30.05 -0.18 0.00	32.42 -0.33 0.00	40.20 -0.37 0.00	51.97 0.38 -3.51	45.89 -0.32 -0.31	42.07 -0.25 0.00	34.67 -0.42 0.00	31.22 -0.64 0.00	29.61 -0.21 0.00	28.21 -0.28 0.00
SOUTH CAIRO____GT 23612	33.61 2.05 -3.09	31.39 2.07 -0.87	30.52 2.02 -0.09	30.31 1.93 0.00	30.48 2.13 0.00	35.50 2.23 -4.75	49.78 2.96 -11.16	58.93 2.94 -16.20	46.02 2.54 -8.25	36.54 2.13 0.00	32.78 1.62 0.00	31.86 1.40 0.00	31.67 1.48 0.00	31.12 1.43 0.00	31.80 1.57 0.00	34.88 2.13 0.00	43.33 2.76 0.00	70.02 3.80 -18.14	51.31 3.81 -1.61	45.54 3.22 0.00	37.55 2.46 0.00	34.15 2.30 0.00	31.76 1.94 0.00	30.06 1.57 0.00

SOUTH HAMPTN___IC 23720	42.50 3.10 -10.93	41.75 3.04 -10.27	38.20 2.93 -6.87	37.89 2.87 -6.64	38.78 2.86 -7.56	42.50 3.17 -10.81	49.18 4.17 -9.34	58.04 4.69 -13.56	46.31 4.16 -6.92	42.62 4.20 -4.02	38.17 3.80 -3.21	37.87 3.50 -3.92	37.83 3.53 -4.11	37.37 3.44 -4.23	38.51 3.63 -4.65	40.26 3.99 -3.52	48.85 5.03 -3.25	78.91 6.78 -24.05	68.43 6.15 -16.38	57.74 5.46 -9.95	45.52 4.35 -6.08	43.09 4.08 -7.16	41.42 3.49 -8.12	39.39 3.02 -7.88
SOUTHDOW_115KV_TB1 355954	28.12 -1.08 -0.73	27.45 -1.19 -0.21	27.69 -0.74 -0.02	27.67 -0.71 0.00	27.70 -0.65 0.00	29.17 -0.48 -1.13	37.81 -0.50 -2.65	43.03 -0.60 -3.84	38.34 1.20 -1.91	36.68 2.27 0.00	32.53 1.37 0.00	32.34 1.89 0.00	31.91 1.72 0.00	31.18 1.48 0.00	31.50 1.27 0.00	33.64 0.88 0.00	41.95 1.38 0.00	53.98 1.59 -4.31	46.79 0.50 -0.38	44.10 1.78 0.00	36.21 1.12 0.00	32.46 0.61 0.00	31.28 1.46 0.00	29.49 1.00 0.00
SOUTHOLD_69_KV_BK 2 55809	42.93 3.53 -10.93	42.15 3.44 -10.27	38.57 3.30 -6.87	38.26 3.24 -6.64	39.13 3.20 -7.56	42.85 3.51 -10.81	49.79 4.78 -9.34	58.72 5.37 -13.56	46.88 4.72 -6.92	43.14 4.71 -4.02	38.64 4.27 -3.21	38.39 4.02 -3.92	38.29 3.99 -4.11	37.82 3.89 -4.23	38.93 4.05 -4.65	40.82 4.55 -3.52	49.66 5.84 -3.25	79.92 7.79 -24.05	69.35 7.07 -16.38	58.54 6.26 -9.95	46.19 5.02 -6.08	43.64 4.62 -7.16	41.90 3.97 -8.12	39.73 3.36 -7.88
SOUTHOLD___IC 23719	42.96 3.56 -10.93	42.15 3.44 -10.27	38.57 3.29 -6.87	38.26 3.23 -6.64	39.15 3.23 -7.56	42.90 3.56 -10.81	49.79 4.78 -9.34	58.72 5.37 -13.56	46.91 4.75 -6.92	43.14 4.71 -4.02	38.67 4.30 -3.21	38.36 3.99 -3.92	38.29 3.98 -4.11	37.82 3.89 -4.23	38.96 4.08 -4.65	40.82 4.55 -3.52	49.66 5.84 -3.25	79.92 7.79 -24.05	69.35 7.07 -16.38	58.58 6.31 -9.95	46.19 5.02 -6.08	43.63 4.62 -7.16	41.90 3.97 -8.12	39.82 3.45 -7.88
SOUTH_FORK_WT_PWR 323839	42.99 3.59 -10.93	42.21 3.50 -10.27	38.65 3.38 -6.87	38.31 3.29 -6.64	39.18 3.26 -7.56	42.90 3.57 -10.81	49.86 4.85 -9.34	58.80 5.45 -13.56	46.95 4.79 -6.92	43.21 4.78 -4.02	38.70 4.33 -3.21	38.45 4.08 -3.92	38.38 4.08 -4.11	37.88 3.95 -4.23	38.99 4.11 -4.65	40.89 4.62 -3.52	49.74 5.92 -3.25	80.01 7.88 -24.05	69.44 7.16 -16.38	58.62 6.35 -9.95	46.26 5.09 -6.08	43.70 4.68 -7.16	41.96 4.03 -8.12	39.79 3.42 -7.88
SPIERFLS_115KV_TB 1 80737	33.24 1.37 -3.41	30.80 1.39 -0.96	29.84 1.34 -0.10	29.66 1.28 0.00	29.89 1.53 0.00	35.33 1.57 -5.24	50.28 2.32 -12.30	59.99 2.35 -17.86	46.67 2.36 -9.08	36.57 2.17 0.00	33.00 1.84 0.00	32.01 1.55 0.00	31.76 1.57 0.00	31.18 1.48 0.00	31.80 1.57 0.00	34.32 1.57 0.00	42.47 1.91 0.00	70.48 2.45 -19.95	50.14 2.48 -1.77	44.15 1.82 0.00	36.67 1.58 0.00	33.20 1.34 0.00	31.34 1.52 0.00	29.75 1.25 0.00
ST LAWRENCE___ 23600	28.07 -0.40 0.00	28.10 -0.34 0.00	28.07 -0.34 0.00	28.07 -0.31 0.00	28.05 -0.31 0.00	28.07 -0.46 0.00	35.16 -0.50 0.00	39.31 -0.48 0.00	34.77 -0.46 0.00	33.85 -0.55 0.00	30.66 -0.50 0.00	29.94 -0.52 0.00	29.71 -0.48 0.00	29.19 -0.51 0.00	29.78 -0.45 0.00	32.29 -0.46 0.00	40.00 -0.57 0.00	46.88 -1.20 0.00	45.16 -0.74 0.00	41.82 -0.51 0.00	34.63 -0.46 0.00	31.44 -0.42 0.00	29.37 -0.45 0.00	28.07 -0.43 0.00
STATE_CA_115KV_115_LB 55624	32.70 0.91 -3.32	30.29 0.91 -0.94	29.42 0.91 -0.10	29.26 0.88 0.00	29.29 0.94 0.00	34.63 1.00 -5.11	49.08 1.43 -11.99	58.71 1.51 -17.41	45.50 1.41 -8.86	35.68 1.27 0.00	32.25 1.09 0.00	31.40 0.94 0.00	31.19 1.00 0.00	30.74 1.04 0.00	31.32 1.09 0.00	34.03 1.28 0.00	42.11 1.54 0.00	69.52 1.97 -19.48	49.51 1.88 -1.72	43.72 1.40 0.00	36.35 1.26 0.00	33.10 1.24 0.00	30.80 0.98 0.00	29.21 0.71 0.00
STATE_ST_34_KV_LOAD 55959	29.13 0.06 -0.61	28.67 0.06 -0.17	28.43 0.00 -0.02	28.38 0.00 0.00	28.33 -0.03 0.00	29.63 0.17 -0.93	38.03 0.18 -2.19	43.12 0.16 -3.17	37.38 0.46 -1.69	34.95 0.55 0.00	31.72 0.56 0.00	31.15 0.70 0.00	30.76 0.57 0.00	30.23 0.53 0.00	30.63 0.39 0.00	32.98 0.23 0.00	40.89 0.32 0.00	52.60 0.96 -3.56	46.76 0.55 -0.32	42.83 0.51 0.00	35.37 0.28 0.00	32.02 0.16 0.00	30.15 0.33 0.00	28.78 0.28 0.00
STATION 5_MISC_HYD 23604	28.60 -0.48 -0.62	28.10 -0.51 -0.17	27.63 -0.80 -0.02	27.64 -0.74 0.00	27.59 -0.76 0.00	29.10 -0.37 -0.95	37.42 -0.46 -2.22	42.25 -0.76 -3.22	36.46 -0.42 -1.65	34.30 -0.10 0.00	31.16 0.00 0.00	30.97 0.52 0.00	30.40 0.21 0.00	29.82 0.12 0.00	30.17 -0.06 0.00	32.52 -0.23 0.00	40.33 -0.24 0.00	52.41 0.72 -3.61	45.95 -0.27 -0.32	41.69 -0.63 0.00	34.81 -0.28 0.00	31.25 -0.61 0.00	29.85 0.03 0.00	28.44 -0.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.73 -0.34 -0.61	28.35 -0.26 -0.17	28.00 -0.43 -0.02	28.01 -0.37 0.00	27.93 -0.43 0.00	29.43 -0.03 -0.93	37.78 -0.07 -2.18	42.68 -0.28 -3.17	36.85 0.00 -1.62	34.61 0.21 0.00	31.44 0.28 0.00	30.97 0.52 0.00	30.55 0.36 0.00	29.99 0.30 0.00	30.38 0.15 0.00	32.82 0.07 0.00	40.69 0.12 0.00	52.69 1.06 -3.56	46.44 0.23 -0.32	42.71 0.38 0.00	35.13 0.04 0.00	31.64 -0.22 0.00	30.06 0.24 0.00	28.61 0.11 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.31 -0.77 -0.61	27.96 -0.65 -0.17	27.52 -0.91 -0.02	27.53 -0.85 0.00	27.45 -0.91 0.00	29.00 -0.46 -0.94	37.18 -0.68 -2.20	42.02 -0.95 -3.19	36.30 -0.56 -1.63	34.09 -0.31 0.00	30.97 -0.19 0.00	30.55 0.09 0.00	30.19 0.00 0.00	29.61 -0.09 0.00	29.96 -0.27 0.00	32.33 -0.43 0.00	40.08 -0.49 0.00	51.99 0.34 -3.58	45.71 -0.50 -0.32	42.03 -0.30 0.00	34.60 -0.49 0.00	31.06 -0.80 0.00	29.64 -0.18 0.00	28.18 -0.31 0.00
STA_56___34_KV_BUS2 355983	28.31 -0.77 -0.61	27.96 -0.65 -0.17	27.52 -0.91 -0.02	27.53 -0.85 0.00	27.45 -0.91 0.00	29.00 -0.46 -0.94	37.18 -0.68 -2.20	42.02 -0.95 -3.19	36.30 -0.56 -1.63	34.09 -0.31 0.00	30.97 -0.19 0.00	30.55 0.09 0.00	30.19 0.00 0.00	29.61 -0.09 0.00	29.96 -0.27 0.00	32.33 -0.43 0.00	40.08 -0.49 0.00	51.99 0.34 -3.58	45.71 -0.50 -0.32	42.03 -0.30 0.00	34.60 -0.49 0.00	31.06 -0.80 0.00	29.64 -0.18 0.00	28.18 -0.31 0.00
STA_67___115KV_BK2 355882	28.43 -0.65 -0.62	28.04 -0.57 -0.17	27.60 -0.82 -0.02	27.61 -0.77 0.00	27.53 -0.82 0.00	29.15 -0.31 -0.95	37.35 -0.53 -2.22	42.17 -0.84 -3.22	36.46 -0.42 -1.65	34.23 -0.17 0.00	31.10 -0.06 0.00	30.73 0.27 0.00	30.34 0.15 0.00	29.76 0.06 0.00	30.11 -0.12 0.00	32.46 -0.29 0.00	40.24 -0.32 0.00	52.27 0.58 -3.61	45.90 -0.32 -0.32	42.24 -0.08 0.00	34.74 -0.35 0.00	31.19 -0.67 0.00	29.79 -0.03 0.00	28.32 -0.17 0.00
STA_7___115KV_9TRANS 80674	28.57 -0.51 -0.62	28.19 -0.43 -0.17	27.72 -0.71 -0.02	27.75 -0.62 0.00	27.68 -0.68 0.00	29.30 -0.17 -0.95	37.56 -0.32 -2.22	42.41 -0.60 -3.22	36.67 -0.21 -1.65	34.47 0.07 0.00	31.28 0.12 0.00	30.94 0.49 0.00	30.52 0.33 0.00	29.93 0.24 0.00	30.29 0.06 0.00	32.69 -0.07 0.00	40.53 -0.04 0.00	52.65 0.96 -3.61	46.22 0.00 -0.32	42.54 0.21 0.00	34.99 -0.11 0.00	31.38 -0.48 0.00	29.97 0.15 0.00	28.49 0.00 0.00

STA_82___115KV_TB1 80780	28.40 -0.68 -0.62	28.02 -0.60 -0.17	27.57 -0.85 -0.02	27.58 -0.79 0.00	27.51 -0.85 0.00	29.13 -0.34 -0.95	37.31 -0.57 -2.22	42.14 -0.88 -3.22	36.42 -0.46 -1.65	34.20 -0.21 0.00	31.07 -0.09 0.00	30.70 0.24 0.00	30.31 0.12 0.00	29.73 0.03 0.00	30.11 -0.12 0.00	32.42 -0.33 0.00	40.20 -0.37 0.00	52.22 0.53 -3.62	45.85 -0.37 -0.32	42.20 -0.13 0.00	34.71 -0.39 0.00	31.16 -0.70 0.00	29.79 -0.03 0.00	28.32 -0.17 0.00
STEEL___WIND 323596	27.92 -1.25 -0.71	27.22 -1.42 -0.20	27.26 -1.17 -0.02	27.19 -1.19 0.00	27.17 -1.19 0.00	28.50 -1.11 -1.09	36.83 -1.39 -2.56	41.63 -1.87 -3.71	35.89 -1.23 -1.89	34.30 -0.10 0.00	31.19 0.03 0.00	31.22 0.76 0.00	30.58 0.39 0.00	29.93 0.24 0.00	30.26 0.03 0.00	32.39 -0.36 0.00	40.29 -0.28 0.00	52.00 -0.24 -4.17	45.03 -1.24 -0.37	41.27 -1.06 0.00	34.74 -0.35 0.00	31.06 -0.80 0.00	30.06 0.24 0.00	28.52 0.03 0.00
STEPHTWN_115KV_BK_2 55603	32.86 1.11 -3.29	30.48 1.11 -0.93	29.58 1.08 -0.10	29.43 1.05 0.00	29.52 1.16 0.00	34.80 1.23 -5.05	49.27 1.75 -11.86	58.87 1.87 -17.21	45.72 1.73 -8.77	35.95 1.55 0.00	32.50 1.34 0.00	31.64 1.19 0.00	31.43 1.24 0.00	30.91 1.22 0.00	31.53 1.30 0.00	34.29 1.54 0.00	42.47 1.91 0.00	69.80 2.45 -19.27	49.99 2.39 -1.71	44.15 1.82 0.00	36.71 1.61 0.00	33.39 1.53 0.00	31.07 1.25 0.00	29.44 0.94 0.00
STEUBEN_REC_LFGE 323667	28.70 -0.60 -0.83	28.11 -0.57 -0.24	28.01 -0.43 -0.02	27.93 -0.45 0.00	27.93 -0.43 0.00	29.75 -0.06 -1.28	38.60 -0.07 -3.01	43.84 -0.32 -4.37	37.50 0.04 -2.24	35.09 0.69 0.00	32.03 0.87 0.00	31.70 1.25 0.00	31.37 1.18 0.00	30.85 1.16 0.00	31.23 1.00 0.00	33.60 0.85 0.00	41.83 1.26 0.00	55.10 2.12 -4.90	47.43 1.10 -0.43	44.02 1.69 0.00	36.21 1.12 0.00	32.59 0.73 0.00	31.07 1.25 0.00	29.44 0.94 0.00
STILLWATER___SOLAR 323814	33.40 1.54 -3.39	30.93 1.53 -0.96	30.01 1.50 -0.10	29.85 1.47 0.00	30.00 1.64 0.00	35.51 1.77 -5.21	50.26 2.35 -12.24	60.06 2.51 -17.77	46.66 2.40 -9.03	36.61 2.20 0.00	33.06 1.90 0.00	32.13 1.67 0.00	31.94 1.75 0.00	31.42 1.72 0.00	32.05 1.81 0.00	34.75 2.00 0.00	43.04 2.47 0.00	71.05 3.12 -19.85	50.69 3.03 -1.76	44.82 2.50 0.00	37.20 2.11 0.00	33.71 1.85 0.00	31.55 1.73 0.00	29.95 1.45 0.00
STONY___BROOK 24151	42.07 2.68 -10.93	41.32 2.61 -10.27	37.80 2.53 -6.87	37.49 2.47 -6.64	38.39 2.47 -7.56	42.08 2.74 -10.81	48.47 3.46 -9.34	57.25 3.90 -13.56	45.75 3.60 -6.92	42.14 3.72 -4.02	37.71 3.34 -3.21	37.45 3.07 -3.92	37.41 3.11 -4.11	36.99 3.06 -4.23	38.05 3.17 -4.65	39.71 3.44 -3.52	47.96 4.14 -3.25	77.75 5.62 -24.05	67.34 5.05 -16.39	56.72 4.44 -9.95	44.78 3.62 -6.08	42.46 3.44 -7.16	40.92 2.98 -8.12	38.96 2.59 -7.88
STURGEON_POOL_HYD 23609	32.94 1.74 -2.73	30.92 1.71 -0.77	30.16 1.68 -0.08	30.03 1.65 0.00	29.89 1.53 0.00	34.38 1.65 -4.20	47.84 2.32 -9.86	56.68 2.59 -14.31	44.67 2.15 -7.29	36.54 2.13 0.00	33.03 1.87 0.00	32.19 1.74 0.00	31.91 1.72 0.00	31.39 1.69 0.00	31.99 1.75 0.00	34.68 1.93 0.00	43.00 2.43 0.00	67.59 3.46 -16.05	50.40 3.08 -1.42	44.91 2.58 0.00	37.20 2.11 0.00	33.87 2.01 0.00	31.46 1.64 0.00	29.86 1.37 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.49 1.62 -2.40	30.71 1.59 -0.68	30.01 1.53 -0.07	29.86 1.48 0.00	29.77 1.42 0.00	33.81 1.60 -3.69	46.61 2.28 -8.66	54.95 2.59 -12.58	43.83 2.18 -6.41	36.64 2.24 0.00	33.15 1.99 0.00	32.31 1.86 0.00	32.06 1.87 0.00	31.54 1.84 0.00	32.11 1.87 0.00	34.75 2.00 0.00	43.08 2.52 0.00	65.79 3.61 -14.11	50.31 3.17 -1.25	45.03 2.71 0.00	37.27 2.18 0.00	33.90 2.04 0.00	31.52 1.70 0.00	29.89 1.40 0.00
SWANROAD_115KV_TB1 355699	27.07 -2.08 -0.68	26.61 -2.02 -0.19	26.38 -2.05 -0.02	26.34 -2.04 0.00	26.29 -2.07 0.00	27.94 -1.63 -1.05	35.77 -2.35 -2.46	40.25 -3.10 -3.57	34.87 -2.18 -1.82	32.99 -1.41 0.00	29.97 -1.18 0.00	29.75 -0.70 0.00	29.44 -0.75 0.00	28.81 -0.89 0.00	29.11 -1.12 0.00	31.18 -1.57 0.00	38.66 -1.91 0.00	50.11 -1.97 -4.00	43.59 -2.66 -0.35	40.55 -1.78 0.00	33.37 -1.72 0.00	29.82 -2.04 0.00	28.95 -0.86 0.00	27.41 -1.08 0.00
SYNERGY___BIOGAS 323694	28.41 -0.71 -0.66	27.83 -0.80 -0.19	27.49 -0.94 -0.02	27.53 -0.85 0.00	27.45 -0.91 0.00	29.02 -0.51 -1.01	37.42 -0.61 -2.37	42.19 -1.03 -3.43	36.49 -0.49 -1.75	34.54 0.14 0.00	31.38 0.22 0.00	31.34 0.88 0.00	30.67 0.48 0.00	30.02 0.33 0.00	30.35 0.12 0.00	32.65 -0.10 0.00	40.57 0.00 0.00	52.79 0.87 -3.85	45.92 -0.32 -0.34	41.73 -0.59 0.00	35.02 -0.07 0.00	31.29 -0.57 0.00	30.18 0.36 0.00	28.64 0.14 0.00
SYRACUSE___ENERGY_ST1 323597	28.92 -0.09 -0.54	28.51 -0.09 -0.15	28.31 -0.11 -0.02	28.24 -0.14 0.00	28.21 -0.14 0.00	29.30 -0.06 -0.83	37.43 -0.18 -1.95	42.37 -0.24 -2.83	36.53 -0.14 -1.43	34.34 -0.07 0.00	31.16 0.00 0.00	30.55 0.09 0.00	30.22 0.03 0.00	29.70 0.00 0.00	30.17 -0.06 0.00	32.65 -0.10 0.00	40.45 -0.12 0.00	51.58 0.34 -3.17	46.13 -0.05 -0.28	42.24 -0.08 0.00	34.95 -0.14 0.00	31.70 -0.16 0.00	29.82 0.00 0.00	28.52 0.03 0.00
SYRACUSE___ENERGY_ST2 323598	28.92 -0.09 -0.54	28.51 -0.09 -0.15	28.31 -0.11 -0.02	28.24 -0.14 0.00	28.21 -0.14 0.00	29.30 -0.06 -0.83	37.43 -0.18 -1.95	42.37 -0.24 -2.83	36.53 -0.14 -1.43	34.34 -0.07 0.00	31.16 0.00 0.00	30.55 0.09 0.00	30.22 0.03 0.00	29.70 0.00 0.00	30.17 -0.06 0.00	32.65 -0.10 0.00	40.45 -0.12 0.00	51.58 0.34 -3.17	46.13 -0.05 -0.28	42.24 -0.08 0.00	34.95 -0.14 0.00	31.70 -0.16 0.00	29.82 0.00 0.00	28.52 0.03 0.00
SYRACUSE___POWER 24017	28.87 -0.14 -0.55	28.45 -0.14 -0.15	28.25 -0.17 -0.02	28.18 -0.20 0.00	28.16 -0.20 0.00	29.25 -0.11 -0.84	37.36 -0.29 -1.98	42.30 -0.36 -2.87	36.45 -0.25 -1.46	34.27 -0.14 0.00	31.10 -0.06 0.00	30.48 0.03 0.00	30.19 0.00 0.00	29.67 -0.03 0.00	30.14 -0.09 0.00	32.59 -0.16 0.00	40.37 -0.20 0.00	51.49 0.19 -3.22	46.05 -0.14 -0.29	42.16 -0.17 0.00	34.88 -0.21 0.00	31.67 -0.19 0.00	29.79 -0.03 0.00	28.49 0.00 0.00
TALLMAN___138KV_BK151 55660	32.76 1.82 -2.47	30.93 1.79 -0.70	30.21 1.73 -0.07	30.05 1.67 0.00	29.97 1.62 0.00	34.15 1.83 -3.80	47.15 2.57 -8.92	55.72 2.98 -12.95	44.34 2.50 -6.61	36.98 2.58 0.00	33.50 2.34 0.00	32.65 2.19 0.00	32.40 2.20 0.00	31.83 2.14 0.00	32.41 2.18 0.00	35.08 2.33 0.00	43.45 2.88 0.00	66.74 4.13 -14.53	50.81 3.63 -1.29	45.46 3.13 0.00	37.58 2.49 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.12 1.62 0.00
TEALLAVE_115KV_TB7 355573	28.71 -0.26 -0.50	28.32 -0.26 -0.14	28.14 -0.28 -0.01	28.07 -0.31 0.00	28.04 -0.31 0.00	29.06 -0.23 -0.77	37.00 -0.46 -1.80	41.84 -0.56 -2.61	36.14 -0.42 -1.33	34.09 -0.31 0.00	30.94 -0.22 0.00	30.33 -0.12 0.00	30.04 -0.15 0.00	29.52 -0.18 0.00	29.99 -0.24 0.00	32.39 -0.36 0.00	40.16 -0.41 0.00	50.91 -0.10 -2.93	45.74 -0.41 -0.26	41.90 -0.42 0.00	34.67 -0.42 0.00	31.48 -0.38 0.00	29.64 -0.18 0.00	28.38 -0.11 0.00

TELGRAPH_34_KV_EAST 80808	27.77 -1.37 -0.67	27.35 -1.28 -0.19	27.06 -1.36 -0.02	27.05 -1.33 0.00	27.00 -1.36 0.00	28.66 -0.88 -1.02	36.74 -1.32 -2.40	41.44 -1.83 -3.48	35.88 -1.13 -1.78	33.96 -0.45 0.00	30.88 -0.28 0.00	30.61 0.15 0.00	30.22 0.03 0.00	29.61 -0.09 0.00	29.93 -0.30 0.00	32.13 -0.62 0.00	39.84 -0.73 0.00	51.70 -0.29 -3.91	45.01 -1.24 -0.35	41.86 -0.47 0.00	34.39 -0.70 0.00	30.71 -1.15 0.00	29.73 -0.09 0.00	28.12 -0.37 0.00
TEMPLE___115KV_TB 2 55572	28.71 -0.26 -0.50	28.35 -0.23 -0.14	28.14 -0.28 -0.01	28.10 -0.28 0.00	28.07 -0.28 0.00	29.07 -0.23 -0.77	37.05 -0.43 -1.82	41.91 -0.52 -2.64	36.19 -0.39 -1.34	34.09 -0.31 0.00	30.97 -0.19 0.00	30.36 -0.09 0.00	30.07 -0.12 0.00	29.55 -0.15 0.00	30.02 -0.21 0.00	32.42 -0.33 0.00	40.16 -0.41 0.00	50.99 -0.05 -2.96	45.79 -0.37 -0.26	41.94 -0.38 0.00	34.71 -0.39 0.00	31.48 -0.38 0.00	29.67 -0.15 0.00	28.41 -0.09 0.00
TIANA___69_KV_BK 1 55817	42.39 2.99 -10.93	41.67 2.96 -10.27	38.11 2.84 -6.87	37.80 2.78 -6.64	38.67 2.75 -7.56	42.33 2.99 -10.81	49.04 4.03 -9.34	57.88 4.54 -13.56	46.17 4.02 -6.92	42.48 4.06 -4.02	38.02 3.65 -3.21	37.78 3.41 -3.92	37.71 3.41 -4.11	37.26 3.33 -4.23	38.36 3.48 -4.65	40.13 3.86 -3.52	48.69 4.87 -3.25	78.67 6.54 -24.05	68.20 5.92 -16.38	57.48 5.21 -9.95	45.38 4.21 -6.08	42.97 3.95 -7.16	41.34 3.40 -8.12	39.25 2.88 -7.88
TILDEN___115KV_TB1 80814	28.87 -0.14 -0.55	28.45 -0.14 -0.15	28.25 -0.17 -0.02	28.18 -0.20 0.00	28.16 -0.20 0.00	29.25 -0.11 -0.84	37.36 -0.29 -1.98	42.30 -0.36 -2.87	36.45 -0.25 -1.46	34.27 -0.14 0.00	31.10 -0.06 0.00	30.48 0.03 0.00	30.19 0.00 0.00	29.67 -0.03 0.00	30.14 -0.09 0.00	32.59 -0.16 0.00	40.37 -0.20 0.00	51.49 0.19 -3.22	46.05 -0.14 -0.29	42.16 -0.17 0.00	34.88 -0.21 0.00	31.67 -0.19 0.00	29.79 -0.03 0.00	28.49 0.00 0.00
TRIGEN___CC 323695	41.76 2.36 -10.93	41.04 2.33 -10.27	37.55 2.27 -6.87	37.23 2.21 -6.64	38.08 2.16 -7.56	41.70 2.37 -10.81	48.18 3.17 -9.34	57.05 3.70 -13.56	45.40 3.24 -6.92	41.80 3.37 -4.02	37.43 3.05 -3.21	37.23 2.86 -3.92	37.17 2.87 -4.11	36.75 2.82 -4.23	37.75 2.87 -4.65	39.35 3.08 -3.52	47.59 3.77 -3.25	77.27 5.14 -24.05	66.83 4.59 -16.34	56.30 4.02 -9.95	44.43 3.26 -6.08	42.11 3.09 -7.16	40.56 2.62 -8.12	38.57 2.19 -7.88
TRINITY___115KV__ 4 BK 55933	32.59 0.83 -3.29	30.22 0.85 -0.93	29.33 0.82 -0.10	29.17 0.79 0.00	29.21 0.85 0.00	34.50 0.91 -5.06	48.83 1.28 -11.89	58.43 1.39 -17.25	45.25 1.23 -8.79	35.51 1.10 0.00	32.09 0.93 0.00	31.22 0.76 0.00	31.04 0.85 0.00	30.59 0.89 0.00	31.20 0.97 0.00	33.86 1.11 0.00	41.91 1.34 0.00	69.12 1.73 -19.32	49.26 1.65 -1.71	43.51 1.19 0.00	36.21 1.12 0.00	32.97 1.12 0.00	30.68 0.86 0.00	29.12 0.63 0.00
UNION___PROCESSING_DRP 323587	28.40 -0.68 -0.62	28.04 -0.57 -0.17	27.57 -0.85 -0.02	27.58 -0.79 0.00	27.53 -0.82 0.00	29.13 -0.34 -0.95	37.31 -0.57 -2.22	42.14 -0.88 -3.22	36.42 -0.46 -1.65	34.23 -0.17 0.00	31.10 -0.06 0.00	30.70 0.24 0.00	30.34 0.15 0.00	29.73 0.03 0.00	30.11 -0.12 0.00	32.46 -0.29 0.00	40.20 -0.37 0.00	52.22 0.53 -3.62	45.85 -0.37 -0.32	42.20 -0.13 0.00	34.74 -0.35 0.00	31.19 -0.67 0.00	29.79 -0.03 0.00	28.32 -0.17 0.00
UPPER HUDSON___HYD 24058	33.24 1.37 -3.41	30.79 1.39 -0.96	29.84 1.34 -0.10	29.66 1.28 0.00	29.91 1.56 0.00	35.42 1.65 -5.24	50.28 2.32 -12.30	59.99 2.35 -17.86	46.67 2.36 -9.08	36.57 2.17 0.00	33.00 1.84 0.00	31.98 1.52 0.00	31.76 1.57 0.00	31.18 1.48 0.00	31.80 1.57 0.00	34.32 1.57 0.00	42.48 1.91 0.00	70.48 2.45 -19.95	50.14 2.48 -1.77	44.27 1.95 0.00	36.67 1.58 0.00	33.17 1.31 0.00	31.34 1.52 0.00	29.78 1.28 0.00
UPPER RAQUET___HYD 24056	28.72 0.17 -0.08	28.72 0.26 -0.02	28.64 0.23 0.00	28.63 0.25 0.00	28.58 0.23 0.00	28.76 0.11 -0.12	36.33 0.39 -0.28	40.83 0.63 -0.40	35.90 0.46 -0.21	34.68 0.27 0.00	31.38 0.22 0.00	30.70 0.24 0.00	30.43 0.24 0.00	29.70 0.00 0.00	30.32 0.09 0.00	32.92 0.16 0.00	40.77 0.20 0.00	48.29 -0.24 -0.45	46.30 0.37 -0.04	42.75 0.42 0.00	35.37 0.28 0.00	32.08 0.22 0.00	29.91 0.09 0.00	28.52 0.03 0.00
VALLEY44_115KV_TB2 355964	27.61 -1.59 -0.74	27.00 -1.65 -0.21	27.63 -0.80 -0.02	27.56 -0.82 0.00	27.53 -0.82 0.00	28.52 -1.14 -1.14	36.91 -1.43 -2.68	41.76 -1.91 -3.89	38.54 1.41 -1.90	36.88 2.48 0.00	31.59 0.44 0.00	31.34 0.88 0.00	30.89 0.69 0.00	30.23 0.53 0.00	30.54 0.30 0.00	32.39 -0.36 0.00	40.45 -0.12 0.00	51.62 -0.82 -4.36	44.54 -1.74 -0.39	42.62 0.30 0.00	34.99 -0.11 0.00	31.54 -0.32 0.00	30.36 0.54 0.00	28.81 0.31 0.00
VALLEY___115KV_TB 1-4 80826	29.28 0.74 -0.07	29.20 0.74 -0.02	29.12 0.71 0.00	29.03 0.65 0.00	29.01 0.65 0.00	29.34 0.71 -0.11	36.88 0.96 -0.25	41.22 1.07 -0.36	36.37 0.95 -0.18	35.37 0.96 0.00	32.00 0.84 0.00	31.34 0.88 0.00	31.04 0.85 0.00	30.59 0.89 0.00	31.11 0.88 0.00	33.77 1.02 0.00	41.91 1.34 0.00	50.12 1.63 -0.41	47.50 1.56 -0.04	43.76 1.44 0.00	36.32 1.23 0.00	32.97 1.12 0.00	30.89 1.07 0.00	29.55 1.05 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.28 1.51 -1.31	30.34 1.54 -0.37	30.01 1.56 -0.04	29.88 1.50 0.00	29.80 1.45 0.00	32.16 1.63 -2.01	42.73 2.35 -4.72	49.42 2.79 -6.84	41.15 2.43 -3.49	36.95 2.55 0.00	33.43 2.27 0.00	32.77 2.31 0.00	32.33 2.14 0.00	31.80 2.11 0.00	32.29 2.06 0.00	34.98 2.23 0.00	43.37 2.80 0.00	59.54 3.80 -7.67	49.97 3.40 -0.68	45.33 3.01 0.00	37.55 2.46 0.00	33.99 2.13 0.00	31.76 1.94 0.00	30.20 1.71 0.00
VISCHER___FERRY HYD 24020	33.09 1.28 -3.34	30.66 1.28 -0.94	29.76 1.25 -0.10	29.60 1.22 0.00	29.66 1.31 0.00	35.14 1.48 -5.13	49.61 1.89 -12.05	59.35 2.07 -17.50	46.03 1.90 -8.90	36.12 1.72 0.00	32.62 1.46 0.00	31.70 1.25 0.00	31.55 1.36 0.00	31.09 1.40 0.00	31.71 1.48 0.00	34.42 1.67 0.00	42.64 2.07 0.00	70.23 2.59 -19.56	50.06 2.43 -1.73	44.36 2.03 0.00	36.81 1.72 0.00	33.45 1.59 0.00	31.19 1.37 0.00	29.64 1.14 0.00
V_A_10_SYNC_DSASP 323832	27.95 -1.17 -0.65	27.37 -1.25 -0.18	26.92 -1.51 -0.02	26.87 -1.50 0.00	26.85 -1.50 0.00	28.46 -1.05 -1.00	36.54 -1.46 -2.34	41.19 -1.99 -3.39	35.55 -1.41 -1.73	33.51 -0.89 0.00	30.44 -0.72 0.00	30.36 -0.09 0.00	29.80 -0.39 0.00	29.19 -0.51 0.00	29.54 -0.69 0.00	31.70 -1.05 0.00	39.27 -1.30 0.00	51.16 -0.72 -3.81	44.63 -1.61 -0.34	40.29 -2.03 0.00	33.90 -1.19 0.00	30.36 -1.50 0.00	29.31 -0.51 0.00	27.84 -0.65 0.00
V_CMM_10_SYNC_DSASP 323787	28.18 -0.28 0.00	28.21 -0.23 0.00	28.18 -0.23 0.00	28.18 -0.20 0.00	28.16 -0.20 0.00	28.18 -0.34 0.00	35.31 -0.36 0.00	39.47 -0.32 0.00	34.88 -0.35 0.00	33.99 -0.41 0.00	30.79 -0.37 0.00	30.06 -0.40 0.00	29.83 -0.36 0.00	29.31 -0.39 0.00	29.90 -0.33 0.00	32.42 -0.33 0.00	40.12 -0.45 0.00	47.12 -0.96 0.00	45.39 -0.50 0.00	41.99 -0.34 0.00	34.77 -0.32 0.00	31.57 -0.29 0.00	29.49 -0.33 0.00	28.15 -0.34 0.00

V_CMP_10_SYNC_DSASP 323788	29.24 0.77 0.00	29.32 0.88 0.00	29.20 0.79 0.00	29.15 0.77 0.00	29.09 0.74 0.00	29.15 0.63 0.00	36.63 0.96 0.00	41.06 1.27 0.00	36.25 1.02 0.00	35.16 0.76 0.00	31.84 0.68 0.00	31.16 0.70 0.00	30.89 0.69 0.00	30.23 0.54 0.00	30.93 0.70 0.00	33.60 0.85 0.00	41.66 1.10 0.00	49.13 1.06 0.00	47.32 1.42 0.00	43.59 1.27 0.00	36.11 1.02 0.00	32.85 0.99 0.00	30.62 0.81 0.00	29.23 0.74 0.00
V_E_10_SYNC_DSASP 323830	31.48 1.96 -1.05	30.64 1.91 -0.30	30.31 1.87 -0.03	30.14 1.76 0.00	30.12 1.76 0.00	32.16 2.03 -1.61	42.59 3.14 -3.78	49.06 3.78 -5.49	41.28 3.24 -2.81	37.81 3.41 0.00	34.21 3.06 0.00	33.77 3.32 0.00	33.12 2.93 0.00	32.64 2.94 0.00	33.14 2.90 0.00	35.96 3.21 0.00	44.91 4.34 0.00	60.15 5.91 -6.16	51.86 5.41 -0.55	47.11 4.78 0.00	39.06 3.96 0.00	35.20 3.34 0.00	32.98 3.16 0.00	31.43 2.94 0.00
V_F_30_NSYNC___DSASP 323816	33.43 1.56 -3.40	30.96 1.56 -0.96	30.04 1.53 -0.10	29.88 1.50 0.00	30.03 1.67 0.00	35.55 1.80 -5.23	50.32 2.39 -12.27	60.14 2.55 -17.81	46.75 2.47 -9.05	36.67 2.27 0.00	33.12 1.96 0.00	32.19 1.74 0.00	32.00 1.81 0.00	31.48 1.78 0.00	32.08 1.84 0.00	34.82 2.06 0.00	43.13 2.56 0.00	71.20 3.22 -19.90	50.74 3.08 -1.76	44.91 2.58 0.00	37.23 2.14 0.00	33.77 1.91 0.00	31.58 1.76 0.00	29.98 1.48 0.00
V_F_30_SYNC_DSASP 323786	32.70 0.91 -3.32	30.29 0.91 -0.94	29.42 0.91 -0.10	29.26 0.88 0.00	29.29 0.94 0.00	34.63 1.00 -5.10	49.04 1.39 -11.98	58.69 1.51 -17.39	45.50 1.41 -8.85	35.68 1.27 0.00	32.25 1.09 0.00	31.40 0.94 0.00	31.19 1.00 0.00	30.74 1.04 0.00	31.32 1.09 0.00	34.03 1.28 0.00	42.11 1.54 0.00	69.51 1.97 -19.46	49.50 1.88 -1.72	43.68 1.35 0.00	36.35 1.26 0.00	33.10 1.24 0.00	30.80 0.98 0.00	29.21 0.71 0.00
V_XM_10_SYNC_DSASP 323789	29.24 0.77 0.00	29.32 0.88 0.00	29.20 0.79 0.00	29.15 0.77 0.00	29.09 0.74 0.00	29.15 0.63 0.00	36.63 0.96 0.00	41.06 1.27 0.00	36.25 1.02 0.00	35.16 0.76 0.00	31.84 0.68 0.00	31.16 0.70 0.00	30.89 0.69 0.00	30.23 0.54 0.00	30.93 0.70 0.00	33.60 0.85 0.00	41.66 1.10 0.00	49.13 1.06 0.00	47.32 1.42 0.00	43.59 1.27 0.00	36.11 1.02 0.00	32.85 0.99 0.00	30.62 0.81 0.00	29.23 0.74 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.94 1.99 -2.48	31.10 1.96 -0.70	30.36 1.87 -0.07	30.20 1.82 0.00	30.11 1.76 0.00	34.28 1.94 -3.82	47.37 2.75 -8.96	55.98 3.18 -13.01	44.55 2.68 -6.64	37.16 2.75 0.00	33.65 2.49 0.00	32.80 2.34 0.00	32.52 2.32 0.00	31.95 2.26 0.00	32.56 2.33 0.00	35.24 2.49 0.00	43.69 3.12 0.00	67.10 4.42 -14.60	51.09 3.90 -1.29	45.71 3.39 0.00	37.79 2.70 0.00	34.38 2.52 0.00	31.91 2.09 0.00	30.23 1.74 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.08 2.02 -2.59	31.19 2.02 -0.73	30.42 1.93 -0.08	30.25 1.87 0.00	30.17 1.81 0.00	34.50 2.00 -3.98	47.83 2.82 -9.34	56.69 3.34 -13.57	45.08 2.92 -6.92	37.50 3.10 0.00	33.90 2.74 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.22 2.52 0.00	32.80 2.57 0.00	35.47 2.72 0.00	43.85 3.29 0.00	67.91 4.62 -15.22	51.33 4.08 -1.35	45.84 3.51 0.00	37.93 2.84 0.00	34.60 2.74 0.00	32.12 2.30 0.00	30.35 1.85 0.00
W50THST__13_KV_LOAD 356117	33.19 2.13 -2.59	31.27 2.10 -0.73	30.53 2.05 -0.08	30.34 1.96 0.00	30.28 1.93 0.00	34.59 2.08 -3.98	47.97 2.96 -9.34	56.89 3.54 -13.57	45.26 3.10 -6.92	37.67 3.27 0.00	34.06 2.90 0.00	33.20 2.74 0.00	32.91 2.72 0.00	32.37 2.67 0.00	32.95 2.72 0.00	35.63 2.88 0.00	44.10 3.53 0.00	68.15 4.86 -15.22	51.56 4.31 -1.35	46.05 3.72 0.00	38.11 3.02 0.00	34.73 2.87 0.00	32.23 2.42 0.00	30.46 1.97 0.00
WADING RIVER_IC_1 23522	42.19 2.79 -10.93	41.44 2.73 -10.27	37.91 2.64 -6.87	37.60 2.58 -6.64	38.50 2.58 -7.56	42.19 2.85 -10.81	48.72 3.71 -9.34	57.53 4.18 -13.56	45.89 3.73 -6.92	42.21 3.78 -4.02	37.77 3.40 -3.21	37.51 3.14 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.15 3.27 -4.65	39.84 3.57 -3.52	48.28 4.46 -3.25	78.19 6.06 -24.05	67.74 5.46 -16.38	57.10 4.82 -9.95	45.06 3.89 -6.08	42.68 3.66 -7.16	41.10 3.16 -8.12	39.08 2.71 -7.88
WADING RIVER_IC_2 23547	42.19 2.79 -10.93	41.44 2.73 -10.27	37.91 2.64 -6.87	37.60 2.58 -6.64	38.50 2.58 -7.56	42.19 2.85 -10.81	48.72 3.71 -9.34	57.53 4.18 -13.56	45.89 3.73 -6.92	42.21 3.78 -4.02	37.77 3.40 -3.21	37.51 3.14 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.15 3.27 -4.65	39.84 3.57 -3.52	48.28 4.46 -3.25	78.19 6.06 -24.05	67.74 5.46 -16.38	57.10 4.82 -9.95	45.06 3.89 -6.08	42.68 3.66 -7.16	41.10 3.16 -8.12	39.08 2.71 -7.88
WADING RIVER_IC_3 23601	42.19 2.79 -10.93	41.44 2.73 -10.27	37.91 2.64 -6.87	37.60 2.58 -6.64	38.50 2.58 -7.56	42.19 2.85 -10.81	48.72 3.71 -9.34	57.53 4.18 -13.56	45.89 3.73 -6.92	42.21 3.78 -4.02	37.77 3.40 -3.21	37.51 3.14 -3.92	37.47 3.17 -4.11	37.02 3.09 -4.23	38.15 3.27 -4.65	39.84 3.57 -3.52	48.28 4.46 -3.25	78.19 6.06 -24.05	67.74 5.46 -16.38	57.10 4.82 -9.95	45.06 3.89 -6.08	42.68 3.66 -7.16	41.10 3.16 -8.12	39.08 2.71 -7.88
WALDENNY_12_KV_BK2 80841	27.75 -1.42 -0.71	27.22 -1.42 -0.20	27.24 -1.19 -0.02	27.16 -1.22 0.00	27.14 -1.22 0.00	28.64 -0.97 -1.09	36.82 -1.39 -2.55	41.61 -1.87 -3.70	35.95 -1.16 -1.88	34.30 -0.10 0.00	31.16 0.00 0.00	30.94 0.49 0.00	30.58 0.39 0.00	29.93 0.24 0.00	30.26 0.03 0.00	32.39 -0.36 0.00	40.24 -0.32 0.00	51.94 -0.29 -4.15	45.07 -1.19 -0.37	42.20 -0.13 0.00	34.71 -0.39 0.00	31.03 -0.83 0.00	30.03 0.21 0.00	28.41 -0.09 0.00
WALDEN___HYDRO 24148	32.85 1.85 -2.53	30.97 1.82 -0.71	30.24 1.76 -0.08	30.05 1.67 0.00	30.03 1.67 0.00	34.29 1.88 -3.89	47.36 2.57 -9.12	55.86 2.83 -13.24	44.39 2.43 -6.73	36.78 2.37 0.00	33.28 2.12 0.00	32.37 1.92 0.00	32.13 1.93 0.00	31.60 1.90 0.00	32.17 1.94 0.00	34.88 2.13 0.00	43.29 2.72 0.00	66.83 3.89 -14.86	50.66 3.44 -1.32	45.38 3.05 0.00	37.48 2.39 0.00	34.06 2.20 0.00	31.64 1.82 0.00	30.06 1.57 0.00
WARRENSBURG____ 23737	33.24 1.37 -3.41	30.79 1.39 -0.96	29.84 1.34 -0.10	29.66 1.28 0.00	29.91 1.56 0.00	35.42 1.65 -5.24	50.28 2.32 -12.30	59.99 2.35 -17.86	46.67 2.36 -9.08	36.57 2.17 0.00	33.00 1.84 0.00	31.98 1.52 0.00	31.76 1.57 0.00	31.18 1.48 0.00	31.80 1.57 0.00	34.32 1.57 0.00	42.48 1.91 0.00	70.48 2.45 -19.95	50.14 2.48 -1.77	44.27 1.95 0.00	36.67 1.58 0.00	33.17 1.31 0.00	31.34 1.52 0.00	29.78 1.28 0.00
WATERSIDE___6 8 9 23538	33.16 2.11 -2.59	31.27 2.10 -0.73	30.50 2.02 -0.08	30.31 1.93 0.00	30.26 1.90 0.00	34.44 1.94 -3.98	47.68 2.67 -9.35	56.62 3.26 -13.57	44.97 2.82 -6.92	37.47 3.06 0.00	33.87 2.71 0.00	33.01 2.56 0.00	32.76 2.57 0.00	32.19 2.49 0.00	32.80 2.57 0.00	35.44 2.69 0.00	43.81 3.25 0.00	67.72 4.42 -15.22	51.19 3.95 -1.35	45.71 3.39 0.00	37.86 2.77 0.00	34.57 2.71 0.00	32.12 2.30 0.00	30.38 1.88 0.00

WATKINRD_115KV_LN8_ILLION 55919	29.13 0.60 -0.07	29.06 0.60 -0.02	28.98 0.57 0.00	28.92 0.54 0.00	28.90 0.54 0.00	29.20 0.57 -0.11	36.70 0.78 -0.25	41.06 0.92 -0.36	36.19 0.78 -0.18	35.20 0.79 0.00	31.84 0.69 0.00	31.15 0.70 0.00	30.89 0.69 0.00	30.41 0.71 0.00	30.93 0.70 0.00	33.54 0.79 0.00	41.58 1.01 0.00	49.78 1.30 -0.41	47.13 1.19 -0.04	43.43 1.10 0.00	36.00 0.91 0.00	32.69 0.83 0.00	30.59 0.78 0.00	29.24 0.74 0.00
WATSON___69_KV_BK 1 55734	42.27 2.88 -10.93	41.53 2.82 -10.27	38.00 2.73 -6.87	37.69 2.67 -6.64	38.56 2.64 -7.56	42.25 2.91 -10.81	48.93 3.92 -9.34	57.85 4.50 -13.56	46.07 3.91 -6.92	42.38 3.96 -4.02	37.92 3.55 -3.21	37.69 3.32 -3.92	37.62 3.32 -4.11	37.17 3.24 -4.23	38.24 3.36 -4.65	39.94 3.67 -3.52	48.45 4.62 -3.25	78.28 6.15 -24.05	67.81 5.55 -16.35	57.14 4.87 -9.95	45.13 3.97 -6.08	42.74 3.73 -7.16	41.19 3.25 -8.12	39.16 2.79 -7.88
WDELAWARE___HYD 323627	32.45 1.65 -2.33	30.72 1.62 -0.66	30.04 1.56 -0.07	29.88 1.50 0.00	29.80 1.45 0.00	33.76 1.65 -3.59	46.40 2.32 -8.42	54.56 2.55 -12.23	43.57 2.11 -6.23	36.47 2.06 0.00	32.93 1.78 0.00	32.10 1.64 0.00	30.95 0.76 0.00	30.41 0.71 0.00	30.99 0.76 0.00	33.70 0.95 0.00	41.83 1.26 0.00	64.00 2.21 -13.71	49.00 1.88 -1.21	43.93 1.61 0.00	37.23 2.14 0.00	33.80 1.94 0.00	31.40 1.58 0.00	29.83 1.34 0.00
WEST BABYLON___IC 23714	42.16 2.76 -10.93	41.41 2.70 -10.27	37.91 2.64 -6.87	37.60 2.58 -6.64	38.44 2.52 -7.56	42.10 2.77 -10.81	48.75 3.74 -9.34	57.65 4.30 -13.56	45.89 3.73 -6.92	42.28 3.85 -4.02	37.80 3.43 -3.21	37.63 3.26 -3.92	37.53 3.23 -4.11	37.11 3.18 -4.23	38.15 3.27 -4.65	39.84 3.57 -3.52	48.20 4.38 -3.25	77.94 5.82 -24.05	67.47 5.23 -16.34	56.85 4.57 -9.95	44.92 3.75 -6.08	42.55 3.54 -7.16	41.07 3.13 -8.12	39.02 2.65 -7.88
WEST CANADA___HYD 24049	28.68 0.14 -0.07	28.60 0.14 -0.02	28.52 0.11 0.00	28.49 0.11 0.00	28.47 0.11 0.00	28.77 0.14 -0.11	36.13 0.22 -0.25	40.39 0.24 -0.36	35.63 0.21 -0.18	34.61 0.21 0.00	31.35 0.19 0.00	30.64 0.18 0.00	30.37 0.18 0.00	29.88 0.18 0.00	30.42 0.18 0.00	32.95 0.20 0.00	40.85 0.29 0.00	48.86 0.38 -0.41	46.26 0.32 -0.04	42.58 0.26 0.00	35.30 0.21 0.00	32.05 0.19 0.00	29.97 0.15 0.00	28.64 0.14 0.00
WESTERN_NY_WIND 24143	28.19 -0.94 -0.66	27.80 -0.82 -0.19	27.46 -0.97 -0.02	27.47 -0.91 0.00	27.39 -0.96 0.00	29.08 -0.46 -1.01	37.37 -0.68 -2.38	42.13 -1.11 -3.45	36.50 -0.49 -1.76	34.47 0.07 0.00	31.31 0.16 0.00	31.06 0.61 0.00	30.61 0.42 0.00	29.99 0.30 0.00	30.32 0.09 0.00	32.59 -0.16 0.00	40.45 -0.12 0.00	52.62 0.67 -3.87	45.83 -0.41 -0.34	42.62 0.30 0.00	34.95 -0.14 0.00	31.22 -0.64 0.00	30.12 0.30 0.00	28.52 0.03 0.00
WESTOVER___LESR 323668	29.78 0.20 -1.11	28.95 0.20 -0.31	28.72 0.28 -0.03	28.61 0.23 0.00	28.55 0.20 0.00	30.57 0.34 -1.71	40.13 0.46 -4.00	46.04 0.44 -5.81	38.63 0.42 -2.97	35.09 0.69 0.00	31.91 0.75 0.00	31.31 0.85 0.00	30.98 0.78 0.00	30.41 0.71 0.00	30.87 0.63 0.00	33.34 0.59 0.00	41.38 0.81 0.00	55.94 1.35 -6.52	47.35 0.87 -0.58	43.30 0.97 0.00	35.79 0.70 0.00	32.40 0.54 0.00	30.51 0.69 0.00	29.04 0.54 0.00
WETHRSFD_WT_PWR 323626	28.04 -1.19 -0.77	27.32 -1.34 -0.22	27.26 -1.17 -0.02	27.21 -1.16 0.00	27.19 -1.16 0.00	28.67 -1.03 -1.18	37.17 -1.25 -2.76	42.08 -1.71 -4.01	36.12 -1.16 -2.04	34.17 -0.24 0.00	31.13 -0.03 0.00	31.06 0.61 0.00	30.52 0.33 0.00	29.93 0.24 0.00	30.29 0.06 0.00	32.49 -0.26 0.00	40.37 -0.20 0.00	52.67 0.10 -4.50	45.47 -0.82 -0.40	41.61 -0.72 0.00	34.88 -0.21 0.00	31.29 -0.57 0.00	30.09 0.27 0.00	28.58 0.09 0.00
WHAVSTOR_138KV_BK127 55557	32.78 1.82 -2.49	30.93 1.79 -0.70	30.21 1.73 -0.07	30.05 1.67 0.00	29.97 1.62 0.00	34.17 1.83 -3.83	47.21 2.57 -8.98	55.77 2.94 -13.04	44.39 2.50 -6.65	36.98 2.58 0.00	33.50 2.34 0.00	32.65 2.19 0.00	32.36 2.17 0.00	31.83 2.14 0.00	32.41 2.18 0.00	35.08 2.33 0.00	43.45 2.88 0.00	66.79 4.09 -14.63	50.82 3.63 -1.30	45.46 3.13 0.00	37.58 2.49 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.12 1.62 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.78 1.82 -2.49	30.93 1.79 -0.70	30.21 1.73 -0.07	30.05 1.67 0.00	29.97 1.62 0.00	34.17 1.83 -3.83	47.21 2.57 -8.98	55.77 2.94 -13.04	44.39 2.50 -6.65	36.98 2.58 0.00	33.50 2.34 0.00	32.65 2.19 0.00	32.36 2.17 0.00	31.83 2.14 0.00	32.41 2.18 0.00	35.08 2.33 0.00	43.45 2.88 0.00	66.79 4.09 -14.63	50.82 3.63 -1.30	45.46 3.13 0.00	37.58 2.49 0.00	34.22 2.36 0.00	31.79 1.97 0.00	30.12 1.62 0.00
WHITEHAL_115KV_TB1 80871	33.98 2.11 -3.41	31.53 2.13 -0.96	30.55 2.05 -0.10	30.37 1.99 0.00	30.74 2.38 0.00	36.15 2.40 -5.23	51.44 3.50 -12.29	61.28 3.66 -17.84	47.89 3.59 -9.06	37.78 3.37 0.00	34.03 2.87 0.00	33.04 2.59 0.00	32.76 2.57 0.00	32.10 2.41 0.00	32.77 2.54 0.00	35.47 2.72 0.00	43.94 3.37 0.00	72.28 4.28 -19.93	51.89 4.22 -1.76	45.71 3.39 0.00	37.93 2.84 0.00	34.22 2.36 0.00	32.26 2.45 0.00	30.49 1.99 0.00
WHITEPLN_13_KV_LOAD 356215	33.25 2.19 -2.59	31.33 2.16 -0.73	30.59 2.10 -0.08	30.42 2.04 0.00	30.31 1.96 0.00	34.72 2.22 -3.97	48.13 3.14 -9.33	57.03 3.70 -13.55	45.35 3.21 -6.91	37.71 3.30 0.00	34.09 2.93 0.00	33.20 2.74 0.00	32.94 2.75 0.00	32.37 2.67 0.00	32.98 2.75 0.00	35.70 2.95 0.00	44.18 3.61 0.00	68.23 4.95 -15.20	51.70 4.45 -1.35	46.14 3.81 0.00	38.21 3.12 0.00	34.73 2.87 0.00	32.23 2.42 0.00	30.49 1.99 0.00
WM_FLOYD_69_KV_BK2 356380	42.13 2.73 -10.93	41.41 2.70 -10.27	37.89 2.61 -6.87	37.58 2.55 -6.64	38.44 2.52 -7.56	42.08 2.74 -10.81	48.68 3.67 -9.34	57.49 4.14 -13.56	45.85 3.70 -6.92	42.17 3.75 -4.02	37.71 3.33 -3.21	37.51 3.14 -3.92	37.44 3.14 -4.11	36.99 3.06 -4.23	38.09 3.20 -4.65	39.81 3.54 -3.52	48.24 4.42 -3.25	78.09 5.96 -24.05	67.70 5.42 -16.38	56.97 4.70 -9.95	44.99 3.82 -6.08	42.65 3.63 -7.16	41.07 3.13 -8.12	39.02 2.65 -7.88
WOODARD___115KV_TB2 355635	28.66 -0.31 -0.51	28.30 -0.28 -0.14	28.08 -0.34 -0.02	28.04 -0.34 0.00	27.99 -0.37 0.00	29.02 -0.29 -0.78	37.00 -0.50 -1.83	41.85 -0.60 -2.66	36.13 -0.46 -1.35	34.03 -0.38 0.00	30.88 -0.28 0.00	30.27 -0.18 0.00	29.95 -0.24 0.00	29.46 -0.24 0.00	29.93 -0.30 0.00	32.36 -0.39 0.00	40.08 -0.49 0.00	50.92 -0.14 -2.99	45.70 -0.46 -0.26	41.86 -0.47 0.00	34.63 -0.46 0.00	31.41 -0.45 0.00	29.58 -0.24 0.00	28.32 -0.17 0.00
YORK___WARBASSE 23770	33.40 2.33 -2.60	31.47 2.30 -0.73	30.70 2.22 -0.08	30.51 2.13 0.00	30.43 2.07 0.00	34.56 2.05 -3.98	47.72 2.71 -9.35	56.69 3.34 -13.57	45.05 2.89 -6.92	37.54 3.13 0.00	33.99 2.84 0.00	33.13 2.68 0.00	32.88 2.69 0.00	32.28 2.58 0.00	32.92 2.69 0.00	35.60 2.85 0.00	43.98 3.41 0.00	67.96 4.66 -15.22	51.42 4.18 -1.35	45.97 3.64 0.00	38.00 2.91 0.00	34.79 2.93 0.00	32.29 2.47 0.00	30.58 2.08 0.00