

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/27/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	42.56	40.98	39.03	39.00	38.94	42.04	54.76	56.35	51.71	50.74	51.78	50.39	48.93	46.40	45.86	45.86	49.48	58.22	63.38	56.51	50.35	45.52	41.47	41.90
24138	1.52	1.54	1.39	1.39	1.43	1.66	2.26	2.58	2.55	2.55	2.51	2.58	2.33	2.25	2.43	2.35	2.67	3.19	3.42	3.15	2.89	2.29	2.27	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	42.77	41.18	39.22	39.19	39.09	42.12	54.92	56.46	51.86	50.88	51.98	50.54	49.07	46.54	45.95	45.99	49.63	58.33	63.74	56.56	50.39	45.74	41.47	42.06
24260	1.72	1.74	1.58	1.58	1.58	1.74	2.42	2.69	2.70	2.70	2.71	2.73	2.47	2.38	2.52	2.48	2.81	3.30	3.78	3.20	2.94	2.51	2.27	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	42.77	41.18	39.22	39.19	39.09	42.12	54.92	56.46	51.86	50.88	51.98	50.54	49.07	46.54	45.95	45.99	49.63	58.33	63.74	56.56	50.39	45.74	41.47	42.06
24261	1.72	1.74	1.58	1.58	1.58	1.74	2.42	2.69	2.70	2.70	2.71	2.73	2.47	2.38	2.52	2.48	2.81	3.30	3.78	3.20	2.94	2.51	2.27	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	43.30	41.61	39.59	39.68	39.61	42.81	56.02	57.05	52.60	51.41	52.48	50.97	49.54	46.93	46.17	46.30	49.72	58.22	63.92	56.77	50.39	46.00	42.77	43.49
24011	2.26	2.17	1.96	2.07	2.10	2.42	3.52	3.28	3.44	3.23	3.20	3.16	2.94	2.78	2.74	2.78	2.90	3.19	3.96	3.41	2.94	2.77	3.57	3.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	44.82	43.07	40.98	40.99	40.96	43.05	56.39	57.37	52.94	51.75	52.77	51.25	49.86	47.20	46.39	46.56	49.95	58.44	64.22	57.09	50.77	47.56	43.04	43.81
23798	3.77	3.63	3.35	3.39	3.45	2.66	3.89	3.60	3.79	3.57	3.50	3.44	3.26	3.04	2.95	3.04	3.14	3.41	4.26	3.73	3.32	4.32	3.84	4.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	43.30	41.61	39.59	39.68	39.61	42.81	56.02	57.05	52.60	51.41	52.48	50.97	49.54	46.93	46.17	46.30	49.72	58.22	63.92	56.77	50.39	46.00	42.77	43.49
24028	2.26	2.17	1.96	2.07	2.10	2.42	3.52	3.28	3.44	3.23	3.20	3.16	2.94	2.78	2.74	2.78	2.90	3.19	3.96	3.41	2.94	2.77	3.57	3.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	42.73	41.10	39.18	39.15	39.24	42.24	55.29	56.35	51.76	50.26	51.49	50.01	48.70	46.09	45.52	45.60	49.25	57.88	63.38	56.29	49.92	45.70	41.43	42.06
23527	1.68	1.66	1.54	1.54	1.73	1.86	2.78	2.58	2.60	2.07	2.22	2.20	2.10	1.94	2.08	2.09	2.43	2.86	3.42	2.93	2.47	2.46	2.23	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	41.41	39.87	38.12	38.17	38.08	40.87	52.66	53.77	49.35	48.28	49.42	47.95	46.70	44.33	43.69	43.82	47.14	55.36	60.50	53.73	47.74	43.58	39.75	40.54
24190	0.37	0.43	0.49	0.56	0.56	0.48	0.16	0.00	0.20	0.10	0.15	0.14	0.09	0.18	0.26	0.30	0.33	0.33	0.54	0.37	0.28	0.35	0.55	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	41.99	40.39	38.54	38.43	38.30	41.15	53.45	54.68	49.75	48.86	49.96	48.58	47.54	45.08	44.30	44.38	47.61	55.85	60.50	53.84	47.88	43.62	39.51	40.19
355683	0.94	0.95	0.90	0.83	0.79	0.77	0.95	0.91	0.59	0.67	0.69	0.76	0.93	0.93	0.87	0.87	0.80	0.83	0.54	0.48	0.43	0.39	0.31	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	42.23	40.62	38.80	38.70	38.68	41.60	53.87	54.95	50.39	49.24	50.26	48.82	47.49	44.99	44.35	44.55	48.03	56.40	61.64	54.85	48.78	44.44	40.45	41.22
323833	1.19	1.18	1.17	1.09	1.16	1.21	1.36	1.18	1.23	1.06	0.99	1.01	0.88	0.84	0.91	1.04	1.22	1.38	1.68	1.49	1.33	1.21	1.25	1.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	42.19	40.58	38.76	38.70	38.64	41.56	53.87	54.95	50.39	49.20	50.26	48.77	47.49	44.99	44.35	44.55	48.03	56.34	61.64	54.85	48.73	44.44	40.45	41.18
323834	1.15	1.14	1.13	1.09	1.12	1.17	1.36	1.18	1.23	1.01	0.99	0.96	0.88	0.84	0.91	1.04	1.22	1.32	1.68	1.49	1.28	1.21	1.25	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.41	39.87	38.12	38.17	38.08	40.87	52.66	53.77	49.35	48.28	49.42	47.95	46.70	44.33	43.69	43.82	47.14	55.36	60.50	53.73	47.74	43.58	39.75	40.54
23571	0.37	0.43	0.49	0.56	0.56	0.48	0.16	0.00	0.20	0.10	0.15	0.14	0.09	0.18	0.26	0.30	0.33	0.33	0.54	0.37	0.28	0.35	0.55	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	41.41 0.37 0.00	39.87 0.43 0.00	38.12 0.49 0.00	38.17 0.56 0.00	38.08 0.56 0.00	40.87 0.48 0.00	52.66 0.16 0.00	53.77 0.00 0.00	49.35 0.20 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.33 0.18 0.00	43.69 0.26 0.00	43.82 0.30 0.00	47.14 0.33 0.00	55.36 0.33 0.00	60.50 0.54 0.00	53.73 0.37 0.00	47.74 0.28 0.00	43.58 0.35 0.00	39.75 0.55 0.00	40.54 0.76 0.00
ALBANY___3 23573	41.41 0.37 0.00	39.87 0.43 0.00	38.12 0.49 0.00	38.17 0.56 0.00	38.08 0.56 0.00	40.87 0.48 0.00	52.66 0.16 0.00	53.77 0.00 0.00	49.35 0.20 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.33 0.18 0.00	43.69 0.26 0.00	43.82 0.30 0.00	47.14 0.33 0.00	55.36 0.33 0.00	60.50 0.54 0.00	53.73 0.37 0.00	47.74 0.28 0.00	43.58 0.35 0.00	39.75 0.55 0.00	40.54 0.76 0.00
ALBANY___4 23574	41.41 0.37 0.00	39.87 0.43 0.00	38.12 0.49 0.00	38.17 0.56 0.00	38.08 0.56 0.00	40.87 0.48 0.00	52.66 0.16 0.00	53.77 0.00 0.00	49.35 0.20 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.33 0.18 0.00	43.69 0.26 0.00	43.82 0.30 0.00	47.14 0.33 0.00	55.36 0.33 0.00	60.50 0.54 0.00	53.73 0.37 0.00	47.74 0.28 0.00	43.58 0.35 0.00	39.75 0.55 0.00	40.54 0.76 0.00
ALBANY___LFGE 323615	41.74 0.70 0.00	40.15 0.71 0.00	38.43 0.79 0.00	38.32 0.71 0.00	38.30 0.79 0.00	41.15 0.77 0.00	53.19 0.68 0.00	54.25 0.48 0.00	49.84 0.69 0.00	48.77 0.58 0.00	49.87 0.59 0.00	48.48 0.67 0.00	47.21 0.60 0.00	44.77 0.62 0.00	44.13 0.69 0.00	44.25 0.74 0.00	47.61 0.80 0.00	55.80 0.77 0.00	60.98 1.02 0.00	54.26 0.91 0.00	48.21 0.76 0.00	43.97 0.73 0.00	40.06 0.86 0.00	40.82 1.03 0.00
ALCOA_PA_115KV_PL-6C 55860	42.40 1.35 0.00	40.74 1.30 0.00	38.88 1.24 0.00	38.81 1.20 0.00	38.64 1.13 0.00	41.48 1.09 0.00	53.87 1.37 0.00	55.11 1.34 0.00	50.09 0.93 0.00	49.20 1.01 0.00	50.31 1.03 0.00	48.96 1.15 0.00	47.91 1.30 0.00	45.52 1.37 0.00	44.69 1.26 0.00	44.77 1.26 0.00	47.99 1.17 0.00	56.29 1.27 0.00	60.92 0.96 0.00	54.21 0.85 0.00	48.21 0.76 0.00	43.97 0.73 0.00	39.83 0.63 0.00	40.50 0.72 0.00
ALCOA_RYNLDS___DRP 24188	42.40 1.35 0.00	40.74 1.30 0.00	38.88 1.24 0.00	38.81 1.20 0.00	38.64 1.13 0.00	41.48 1.09 0.00	53.87 1.37 0.00	55.11 1.34 0.00	50.09 0.93 0.00	49.20 1.01 0.00	50.31 1.03 0.00	48.96 1.15 0.00	47.91 1.30 0.00	45.52 1.37 0.00	44.69 1.26 0.00	44.77 1.26 0.00	47.99 1.17 0.00	56.29 1.27 0.00	60.92 0.96 0.00	54.21 0.85 0.00	48.21 0.76 0.00	43.97 0.73 0.00	39.83 0.63 0.00	40.50 0.72 0.00
ALCOA___DSASP 323711	42.40 1.35 0.00	40.78 1.34 0.00	38.88 1.24 0.00	38.81 1.20 0.00	38.64 1.12 0.00	41.48 1.09 0.00	53.87 1.36 0.00	55.11 1.34 0.00	50.09 0.93 0.00	49.20 1.01 0.00	50.31 1.04 0.00	48.96 1.15 0.00	47.91 1.30 0.00	45.52 1.37 0.00	44.69 1.26 0.00	44.77 1.26 0.00	47.99 1.17 0.00	56.29 1.27 0.00	60.92 0.96 0.00	54.21 0.85 0.00	48.21 0.76 0.00	43.97 0.73 0.00	39.82 0.63 0.00	40.51 0.72 0.00
ALLEGHENY___COGEN 23514	41.62 0.57 0.00	39.83 0.39 0.00	38.01 0.38 0.00	38.09 0.49 0.00	37.78 0.26 0.00	41.03 0.64 0.00	53.61 1.10 0.00	55.06 1.29 0.00	49.79 0.64 0.00	49.00 0.82 0.00	49.82 0.54 0.00	47.62 -0.19 0.00	46.28 -0.32 0.00	43.53 -0.62 0.00	42.52 -0.91 0.00	42.77 -0.74 0.00	46.16 -0.66 0.00	55.14 0.11 0.00	60.68 0.72 0.00	53.63 0.27 0.00	47.69 0.24 0.00	43.45 0.22 0.00	39.24 0.04 0.00	39.63 -0.16 0.00
ALTAMONT_115KV_TB 2 55880	41.74 0.70 0.00	40.15 0.71 0.00	38.31 0.68 0.00	38.32 0.71 0.00	38.26 0.75 0.00	41.15 0.77 0.00	53.45 0.95 0.00	54.68 0.91 0.00	50.14 0.98 0.00	49.00 0.82 0.00	50.11 0.84 0.00	48.67 0.86 0.00	47.40 0.79 0.00	44.90 0.75 0.00	44.26 0.83 0.00	44.34 0.83 0.00	47.80 0.98 0.00	56.18 1.16 0.00	61.40 1.44 0.00	54.53 1.17 0.00	48.50 1.04 0.00	44.19 0.95 0.00	40.14 0.94 0.00	40.78 0.99 0.00
ALTONA_WT_PWR 323606	43.51 2.46 0.00	41.93 2.49 0.00	40.08 2.44 0.00	39.94 2.33 0.00	39.69 2.17 0.00	42.65 2.26 0.00	54.71 2.20 0.00	55.92 2.15 0.00	50.58 1.43 0.00	49.77 1.59 0.00	51.00 1.72 0.00	49.72 1.91 0.00	48.84 2.24 0.00	46.49 2.34 0.00	45.60 2.17 0.00	45.73 2.22 0.00	48.93 2.11 0.00	57.17 2.14 0.00	61.10 1.14 0.00	53.89 0.53 0.00	47.69 0.24 0.00	43.32 0.09 0.00	39.00 -0.20 0.00	40.19 0.40 0.00
AMERICAN_REF_FUEL 24010	37.88 -3.16 0.00	36.28 -3.16 0.00	34.70 -2.94 0.00	34.97 -2.63 0.00	34.70 -2.81 0.00	37.28 -3.11 0.00	48.15 -4.36 0.00	49.20 -4.57 0.00	44.53 -4.62 0.00	44.04 -4.14 0.00	44.94 -4.34 0.00	43.03 -4.78 0.00	41.80 -4.80 0.00	39.38 -4.77 0.00	38.48 -4.95 0.00	38.59 -4.92 0.00	41.24 -5.57 0.00	48.81 -6.22 0.00	53.67 -6.30 0.00	47.22 -6.13 0.00	42.42 -5.03 0.00	39.08 -4.15 0.00	35.32 -3.88 0.00	36.09 -3.70 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.22 -0.82 0.00	38.53 -0.91 0.00	36.77 -0.86 0.00	36.86 -0.75 0.00	36.50 -1.01 0.00	39.38 -1.01 0.00	51.30 -1.21 0.00	52.37 -1.40 0.00	47.14 -2.02 0.00	46.35 -1.83 0.00	47.16 -2.12 0.00	45.13 -2.68 0.00	43.67 -2.93 0.00	41.11 -3.05 0.00	40.00 -3.43 0.00	40.25 -3.26 0.00	43.07 -3.75 0.00	50.95 -4.07 0.00	56.07 -3.90 0.00	49.41 -3.95 0.00	44.27 -3.18 0.00	40.73 -2.51 0.00	36.77 -2.43 0.00	37.48 -2.31 0.00
ARTHUR KILL_GT_1 23520	58.23 1.52 -15.67	58.25 1.54 -17.27	44.90 1.47 -5.80	39.01 1.35 -0.06	38.99 1.43 -0.06	42.06 1.62 -0.06	64.25 1.94 -9.81	64.21 2.26 -8.18	69.62 2.31 -18.16	59.67 2.36 -9.12	59.62 2.27 -8.08	59.62 2.34 -9.47	59.80 2.24 -10.96	59.76 2.16 -13.44	59.81 2.39 -13.99	59.75 2.30 -13.94	59.89 2.67 -10.41	61.78 2.80 -3.95	262.84 2.94 -199.94	200.44 2.99 -144.09	192.67 2.80 -142.42	60.66 2.33 -15.10	59.40 2.31 -17.89	59.96 2.35 -17.82
ARTHUR_KILL_2 23512	58.10 1.40 -15.67	58.13 1.42 -17.27	44.78 1.35 -5.80	38.90 1.24 -0.06	38.88 1.31 -0.06	41.94 1.50 -0.06	64.10 1.79 -9.81	64.05 2.09 -8.18	69.47 2.16 -18.16	59.53 2.22 -9.12	59.47 2.12 -8.08	59.52 2.25 -9.47	59.66 2.10 -10.96	59.63 2.03 -13.44	59.72 2.30 -13.99	59.62 2.17 -13.94	59.75 2.53 -10.41	61.62 2.64 -3.95	262.67 2.76 -199.94	200.28 2.83 -144.09	192.53 2.66 -142.42	60.53 2.20 -15.10	59.28 2.19 -17.89	59.84 2.23 -17.82
ARTHUR_KILL_3 23513	57.93 1.23 -15.66	57.93 1.22 -17.27	44.55 1.13 -5.79	38.71 1.05 -0.05	38.68 1.12 -0.05	41.73 1.29 -0.05	58.98 1.79 -4.69	60.12 2.04 -4.31	59.37 2.06 -8.15	59.37 2.07 -9.11	59.37 2.02 -8.08	59.37 2.10 -9.46	59.37 1.82 -10.95	59.37 1.77 -13.45	59.37 1.96 -13.98	59.37 1.91 -13.95	59.37 2.15 -10.40	61.50 2.53 -3.95	61.54 2.58 1.00	61.54 2.61 -5.57	61.53 2.47 -11.61	60.18 1.86 -15.09	58.98 1.88 -17.90	59.37 1.75 -17.83

ARTHUR_KILL_COGEN 323718	58.23 1.52 -15.67	58.25 1.54 -17.27	44.90 1.47 -5.80	39.01 1.35 -0.06	38.99 1.43 -0.06	42.06 1.62 -0.06	64.25 1.94 -9.81	64.21 2.26 -8.18	69.62 2.31 -18.16	59.67 2.36 -9.12	59.62 2.27 -8.08	59.62 2.34 -9.47	59.80 2.24 -10.96	59.76 2.16 -13.44	59.81 2.39 -13.99	59.75 2.30 -13.94	59.89 2.67 -10.41	61.78 2.80 -3.95	262.84 2.94 -199.94	200.44 2.99 -144.09	192.67 2.80 -142.42	60.66 2.33 -15.10	59.40 2.31 -17.89	59.96 2.35 -17.82
ASHOKAN____ 23654	43.34 2.30 0.00	41.73 2.29 0.00	39.74 2.11 0.00	39.71 2.10 0.00	39.65 2.14 0.00	42.65 2.26 0.00	55.60 3.10 0.00	56.67 2.90 0.00	51.71 2.55 0.00	50.55 2.36 0.00	51.29 2.02 0.00	49.91 2.10 0.00	48.37 1.77 0.00	45.74 1.59 0.00	45.22 1.78 0.00	45.51 2.00 0.00	49.44 2.62 0.00	58.38 3.36 0.00	63.74 3.78 0.00	56.72 3.36 0.00	50.25 2.80 0.00	45.44 2.20 0.00	41.47 2.27 0.00	42.22 2.43 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.94 1.89 -0.01	41.30 1.85 -0.01	39.30 1.65 -0.01	39.22 1.62 0.00	39.20 1.69 0.00	42.00 1.62 0.00	54.39 1.89 0.00	55.80 2.04 0.01	51.36 2.21 0.01	50.40 2.22 0.01	51.43 2.17 0.01	50.05 2.25 0.01	48.69 2.10 0.01	46.22 2.08 0.01	45.73 2.30 0.01	45.68 2.17 0.01	49.29 2.48 0.01	57.60 2.59 0.01	62.59 2.64 0.01	56.07 2.72 0.01	50.05 2.61 0.01	45.35 2.12 0.00	41.52 2.31 -0.01	41.86 2.07 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	42.94 1.89 -0.01	41.30 1.85 -0.01	39.30 1.65 -0.01	39.22 1.62 0.00	39.20 1.69 0.00	42.00 1.62 0.00	54.39 1.89 0.00	55.80 2.04 0.01	51.36 2.21 0.01	50.40 2.22 0.01	51.43 2.17 0.01	50.05 2.25 0.01	48.69 2.10 0.01	46.22 2.08 0.01	45.73 2.30 0.01	45.68 2.17 0.01	49.29 2.48 0.01	57.60 2.59 0.01	62.59 2.64 0.01	56.07 2.72 0.01	50.05 2.61 0.01	45.35 2.12 0.00	41.52 2.31 -0.01	41.86 2.07 -0.01
ASTORIA_GT2_1 24094	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT2_2 24095	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT2_3 24096	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT2_4 24097	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT3_1 24098	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT3_2 24099	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT3_3 24100	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT3_4 24101	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT4_1 24102	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT4_2 24103	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT4_3 24104	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01

ASTORIA_GT4_4 24105	42.97 1.93 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.28 1.76 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.87 2.10 0.00	51.42 2.26 0.00	50.45 2.26 0.00	51.54 2.27 0.00	50.11 2.29 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.25 2.43 0.00	57.83 2.81 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.97 2.51 0.00	45.44 2.20 0.00	41.32 2.12 -0.01	41.87 2.07 -0.01
ASTORIA_GT_1 23523	43.02 1.97 -0.01	41.38 1.93 -0.01	39.38 1.73 -0.01	39.30 1.69 0.00	39.28 1.76 0.00	42.08 1.70 0.00	54.55 2.05 0.00	55.97 2.21 0.01	51.46 2.31 0.01	50.54 2.36 0.01	51.53 2.27 0.01	50.19 2.39 0.01	48.83 2.24 0.01	46.31 2.16 0.01	45.81 2.39 0.01	45.81 2.30 0.01	49.43 2.62 0.01	57.77 2.75 0.01	62.77 2.82 0.01	56.18 2.83 0.01	50.15 2.70 0.01	45.44 2.20 0.00	41.60 2.39 -0.01	41.94 2.15 -0.01
ASTORIA_GT_10 24110	42.77 1.72 0.00	41.14 1.70 -0.01	39.22 1.58 -0.01	39.15 1.54 0.00	39.09 1.58 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.56 2.41 0.00	50.60 2.41 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.79 2.19 0.00	46.32 2.16 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	58.00 2.97 0.00	63.20 3.24 0.00	56.13 2.77 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.44 2.23 -0.01	42.02 2.23 -0.01
ASTORIA_GT_11 24225	42.77 1.72 0.00	41.14 1.70 -0.01	39.22 1.58 -0.01	39.15 1.54 0.00	39.09 1.58 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.56 2.41 0.00	50.60 2.41 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.79 2.19 0.00	46.32 2.16 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	58.00 2.97 0.00	63.20 3.24 0.00	56.13 2.77 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.44 2.23 -0.01	42.02 2.23 -0.01
ASTORIA_GT_12 24226	42.77 1.72 0.00	41.14 1.70 -0.01	39.22 1.58 -0.01	39.15 1.54 0.00	39.09 1.58 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.56 2.41 0.00	50.60 2.41 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.79 2.19 0.00	46.32 2.16 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	58.00 2.97 0.00	63.20 3.24 0.00	56.13 2.77 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.44 2.23 -0.01	42.02 2.23 -0.01
ASTORIA_GT_13 24227	42.77 1.72 0.00	41.14 1.70 -0.01	39.22 1.58 -0.01	39.15 1.54 0.00	39.09 1.58 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.56 2.41 0.00	50.60 2.41 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.79 2.19 0.00	46.32 2.16 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	58.00 2.97 0.00	63.20 3.24 0.00	56.13 2.77 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.44 2.23 -0.01	42.02 2.23 -0.01
ASTORIA_GT_5 24106	43.05 2.01 0.00	41.38 1.93 -0.01	39.37 1.73 -0.01	39.41 1.81 0.00	39.35 1.84 0.00	42.08 1.70 0.00	54.55 2.05 0.00	55.97 2.20 0.00	51.52 2.36 0.00	50.55 2.36 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	57.94 2.92 0.00	63.14 3.18 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.40 2.20 -0.01	41.95 2.15 -0.01
ASTORIA_GT_7 24107	43.05 2.01 0.00	41.38 1.93 -0.01	39.37 1.73 -0.01	39.41 1.81 0.00	39.35 1.84 0.00	42.08 1.70 0.00	54.55 2.05 0.00	55.97 2.20 0.00	51.52 2.36 0.00	50.55 2.36 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	57.94 2.92 0.00	63.14 3.18 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.40 2.20 -0.01	41.95 2.15 -0.01
ASTORIA_GT_8 24108	43.05 2.01 0.00	41.38 1.93 -0.01	39.37 1.73 -0.01	39.41 1.81 0.00	39.35 1.84 0.00	42.08 1.70 0.00	54.55 2.05 0.00	55.97 2.20 0.00	51.52 2.36 0.00	50.55 2.36 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	57.94 2.92 0.00	63.14 3.18 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.40 2.20 -0.01	41.95 2.15 -0.01
ASTORIA___2 24149	42.94 1.89 -0.01	41.30 1.85 -0.01	39.30 1.65 -0.01	39.26 1.65 0.00	39.24 1.73 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.86 2.09 0.01	51.36 2.21 0.01	50.44 2.27 0.01	51.43 2.17 0.01	50.10 2.29 0.01	48.74 2.14 0.01	46.22 2.08 0.01	45.73 2.30 0.01	45.72 2.22 0.01	49.34 2.53 0.01	57.66 2.64 0.01	62.59 2.64 0.01	56.07 2.72 0.01	50.05 2.61 0.01	45.35 2.12 0.00	41.52 2.31 -0.01	41.86 2.07 -0.01
ASTORIA___3 23516	42.73 1.68 0.00	41.14 1.69 -0.01	39.19 1.54 -0.01	39.07 1.47 0.00	39.05 1.54 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.59 2.41 0.00	51.59 2.32 0.00	50.20 2.39 0.00	48.84 2.24 0.00	46.32 2.16 0.00	45.82 2.39 0.00	45.82 2.30 0.00	49.44 2.62 0.00	57.78 2.75 0.00	62.78 2.82 0.00	56.24 2.88 0.00	50.15 2.70 0.00	45.44 2.20 0.00	41.48 2.27 -0.01	42.02 2.23 -0.01
ASTORIA___4 23517	42.77 1.72 0.00	41.14 1.70 -0.01	39.22 1.58 -0.01	39.15 1.54 0.00	39.09 1.58 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.56 2.41 0.00	50.60 2.41 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.79 2.19 0.00	46.32 2.16 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	58.00 2.97 0.00	63.20 3.24 0.00	56.13 2.77 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.44 2.23 -0.01	42.02 2.23 -0.01
ASTORIA___5 23518	42.73 1.68 0.00	41.14 1.69 -0.01	39.19 1.54 -0.01	39.07 1.47 0.00	39.05 1.54 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.59 2.41 0.00	51.59 2.32 0.00	50.20 2.39 0.00	48.84 2.24 0.00	46.32 2.16 0.00	45.82 2.39 0.00	45.82 2.30 0.00	49.44 2.62 0.00	57.78 2.75 0.00	62.78 2.82 0.00	56.24 2.88 0.00	50.15 2.70 0.00	45.44 2.20 0.00	41.48 2.27 -0.01	42.02 2.23 -0.01
AST_ENERGY_2_CC3 323677	42.44 1.40 0.00	40.86 1.42 0.00	38.95 1.32 0.00	38.85 1.24 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.37 2.21 0.00	50.40 2.22 0.00	51.44 2.17 0.00	50.06 2.25 0.00	48.61 2.00 0.00	46.09 1.94 0.00	45.60 2.17 0.00	45.60 2.09 0.00	49.20 2.39 0.00	57.72 2.70 0.00	62.78 2.82 0.00	56.13 2.77 0.00	50.06 2.61 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.78 1.99 0.00
AST_ENERGY_2_CC4 323678	42.44 1.40 0.00	40.86 1.42 0.00	38.95 1.32 0.00	38.85 1.24 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.37 2.21 0.00	50.40 2.22 0.00	51.44 2.17 0.00	50.06 2.25 0.00	48.61 2.00 0.00	46.09 1.94 0.00	45.60 2.17 0.00	45.60 2.09 0.00	49.20 2.39 0.00	57.72 2.70 0.00	62.78 2.82 0.00	56.13 2.77 0.00	50.06 2.61 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.78 1.99 0.00

ATHENS_STG_1 23668	41.91 0.86 0.00	40.31 0.87 0.00	38.43 0.79 0.00	38.36 0.75 0.00	38.34 0.82 0.00	41.31 0.93 0.00	53.71 1.21 0.00	55.01 1.24 0.00	50.43 1.28 0.00	49.34 1.15 0.00	50.41 1.13 0.00	49.01 1.20 0.00	47.68 1.07 0.00	45.17 1.02 0.00	44.56 1.13 0.00	44.64 1.13 0.00	48.13 1.31 0.00	56.56 1.54 0.00	61.76 1.80 0.00	55.01 1.66 0.00	48.92 1.47 0.00	44.49 1.25 0.00	40.42 1.22 0.00	40.98 1.19 0.00
ATHENS_STG_2 23670	41.91 0.86 0.00	40.31 0.87 0.00	38.43 0.79 0.00	38.36 0.75 0.00	38.34 0.82 0.00	41.31 0.93 0.00	53.71 1.21 0.00	55.01 1.24 0.00	50.43 1.28 0.00	49.34 1.15 0.00	50.41 1.13 0.00	49.01 1.20 0.00	47.68 1.07 0.00	45.17 1.02 0.00	44.56 1.13 0.00	44.64 1.13 0.00	48.13 1.31 0.00	56.56 1.54 0.00	61.76 1.80 0.00	55.01 1.66 0.00	48.92 1.47 0.00	44.49 1.25 0.00	40.42 1.22 0.00	40.98 1.19 0.00
ATHENS_STG_3 23677	41.91 0.86 0.00	40.31 0.87 0.00	38.43 0.79 0.00	38.36 0.75 0.00	38.34 0.82 0.00	41.31 0.93 0.00	53.71 1.21 0.00	55.01 1.24 0.00	50.43 1.28 0.00	49.34 1.15 0.00	50.41 1.13 0.00	49.01 1.20 0.00	47.68 1.07 0.00	45.17 1.02 0.00	44.56 1.13 0.00	44.64 1.13 0.00	48.13 1.31 0.00	56.56 1.54 0.00	61.76 1.80 0.00	55.01 1.66 0.00	48.92 1.47 0.00	44.49 1.25 0.00	40.42 1.22 0.00	40.98 1.19 0.00
AUBURN___LFGE 323710	40.67 -0.37 0.00	39.01 -0.43 0.00	37.26 -0.38 0.00	37.19 -0.41 0.00	37.14 -0.38 0.00	40.10 -0.28 0.00	52.24 -0.26 0.00	53.61 -0.16 0.00	49.01 -0.15 0.00	48.04 -0.14 0.00	49.08 -0.20 0.00	47.48 -0.33 0.00	46.28 -0.33 0.00	43.76 -0.40 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.64 -0.39 0.00	59.60 -0.36 0.00	53.20 -0.16 0.00	47.31 -0.14 0.00	43.02 -0.22 0.00	38.89 -0.31 0.00	39.39 -0.40 0.00
BABYLON_RES_REC 323704	43.30 2.26 0.00	41.57 2.13 0.00	39.48 1.84 0.00	39.30 1.69 0.00	39.24 1.73 0.00	42.69 2.30 0.00	61.80 3.15 -6.14	58.35 2.90 -1.68	51.76 2.60 0.00	51.53 2.65 -0.70	55.27 2.56 -3.44	50.81 2.58 -0.42	48.89 2.28 0.00	46.40 2.25 0.00	51.29 2.56 -5.29	53.99 2.57 -7.91	56.20 2.90 -6.48	58.11 3.08 0.00	64.41 3.54 -0.91	58.45 3.36 -1.73	55.79 3.51 -4.83	50.61 2.94 -4.43	45.52 2.78 -3.54	42.83 2.78 -0.25
BABYLON___69_KV_BK2 356345	43.71 2.67 0.00	41.93 2.48 0.00	39.78 2.15 0.00	39.68 2.07 0.00	39.54 2.03 0.00	43.05 2.67 0.00	62.37 3.73 -6.13	59.31 3.87 -1.67	52.65 3.49 0.00	52.39 3.52 -0.69	56.20 3.50 -3.43	51.61 3.39 -0.41	49.59 2.98 0.00	47.16 3.00 0.00	51.93 3.21 -5.28	54.72 3.31 -7.90	56.98 3.70 -6.47	59.37 4.35 0.00	65.96 5.10 -0.90	59.35 4.27 -1.72	56.11 3.84 -4.82	51.07 3.42 -4.42	45.83 3.10 -3.53	43.14 3.10 -0.25
BALL_HILL_WT_PWR 323825	39.77 -1.27 0.00	38.10 -1.34 0.00	36.36 -1.28 0.00	36.55 -1.05 0.00	36.24 -1.28 0.00	39.05 -1.33 0.00	50.67 -1.84 0.00	51.83 -1.93 0.00	46.80 -2.36 0.00	46.12 -2.07 0.00	47.06 -2.22 0.00	45.04 -2.77 0.00	43.71 -2.89 0.00	41.19 -2.96 0.00	40.18 -3.26 0.00	40.38 -3.13 0.00	43.21 -3.60 0.00	51.17 -3.85 0.00	56.24 -3.72 0.00	49.57 -3.79 0.00	44.46 -2.99 0.00	40.90 -2.34 0.00	36.89 -2.31 0.00	37.64 -2.15 0.00
BARON_WINDS___WT_PWR 323822	40.22 -0.82 0.00	38.57 -0.87 0.00	36.77 -0.86 0.00	36.89 -0.72 0.00	36.61 -0.90 0.00	39.53 -0.85 0.00	51.45 -1.05 0.00	52.69 -1.07 0.00	47.83 -1.32 0.00	46.98 -1.20 0.00	47.84 -1.43 0.00	45.95 -1.87 0.00	44.60 -2.00 0.00	41.95 -2.21 0.00	40.96 -2.47 0.00	41.12 -2.39 0.00	44.20 -2.62 0.00	52.44 -2.59 0.00	57.50 -2.46 0.00	51.07 -2.29 0.00	45.65 -1.80 0.00	41.72 -1.51 0.00	37.63 -1.57 0.00	38.20 -1.59 0.00
BARRETT_IC_1 23704	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT_IC_10 23701	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT_IC_11 23702	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT_IC_12 23703	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT_IC_2 23705	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT_IC_3 23706	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT_IC_4 23707	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25

BARRETT_IC_5 23708	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT_IC_6 23709	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT_IC_7 23710	43.14 2.09 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.34 1.73 0.00	39.24 1.73 0.00	42.48 2.10 0.00	61.53 2.89 -6.13	58.56 3.12 -1.67	52.11 2.95 0.00	51.81 2.94 -0.69	55.66 2.96 -3.43	51.18 2.96 -0.41	49.26 2.66 0.00	46.76 2.61 0.00	51.45 2.74 -5.28	54.15 2.74 -7.90	56.38 3.09 -6.47	58.66 3.63 0.00	65.00 4.14 -0.90	58.65 3.58 -1.72	55.50 3.23 -4.82	50.47 2.81 -4.42	45.32 2.59 -3.53	42.62 2.59 -0.25
BARRETT_IC_8 23711	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT_IC_9 23700	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT___1 23545	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BARRETT___2 23546	43.09 2.05 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.57 3.12 -1.68	52.11 2.95 0.00	51.82 2.94 -0.70	55.62 2.91 -3.44	51.20 2.97 -0.43	49.27 2.66 -0.01	46.77 2.60 -0.01	51.52 2.78 -5.30	54.17 2.74 -7.92	56.39 3.09 -6.48	58.50 3.47 -0.01	64.72 3.84 -0.92	58.72 3.63 -1.74	55.61 3.32 -4.84	50.44 2.77 -4.44	45.37 2.63 -3.55	42.63 2.58 -0.25
BATAVIA__115KV_TB1 55881	39.77 -1.27 0.00	38.06 -1.38 0.00	36.47 -1.17 0.00	36.14 -1.47 0.00	36.20 -1.31 0.00	39.13 -1.25 0.00	50.77 -1.73 0.00	52.05 -1.72 0.00	47.04 -2.11 0.00	46.50 -1.69 0.00	47.15 -2.12 0.00	45.47 -2.34 0.00	44.18 -2.42 0.00	41.64 -2.52 0.00	40.65 -2.78 0.00	40.77 -2.74 0.00	43.68 -3.14 0.00	51.28 -3.74 0.00	55.89 -4.08 0.00	50.26 -3.09 0.00	44.98 -2.47 0.00	41.16 -2.08 0.00	37.20 -2.00 0.00	37.84 -1.95 0.00
BAYONEEC___CTG1 323682	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
BAYONEEC___CTG10 323750	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
BAYONEEC___CTG2 323683	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
BAYONEEC___CTG3 323684	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
BAYONEEC___CTG4 323685	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
BAYONEEC___CTG5 323686	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
BAYONEEC___CTG6 323687	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00

BAYONEEC___CTG7 323688	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
BAYONEEC___CTG8 323689	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
BAYONEEC___CTG9 323749	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 1.99 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.20 2.39 0.00	57.78 2.75 0.00	62.84 2.88 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
BEACON___LESR 323632	42.07 1.03 0.00	40.46 1.02 0.00	38.69 1.05 0.00	38.58 0.98 0.00	38.56 1.05 0.00	41.51 1.13 0.00	53.66 1.15 0.00	54.74 0.97 0.00	50.33 1.18 0.00	49.20 1.01 0.00	50.31 1.04 0.00	48.91 1.10 0.00	47.58 0.98 0.00	45.08 0.93 0.00	44.43 1.00 0.00	44.60 1.09 0.00	47.99 1.17 0.00	56.23 1.21 0.00	61.52 1.56 0.00	54.69 1.33 0.00	48.59 1.14 0.00	44.32 1.08 0.00	40.37 1.17 0.00	41.14 1.35 0.00
BEAVER RIVER___HYD 24048	42.60 1.56 0.00	40.82 1.38 0.00	38.80 1.17 0.00	38.89 1.28 0.00	38.68 1.16 0.00	41.60 1.21 0.00	54.39 1.89 0.00	55.86 2.09 0.00	50.68 1.53 0.00	49.83 1.64 0.00	50.95 1.68 0.00	49.39 1.58 0.00	48.33 1.73 0.00	45.96 1.81 0.00	45.08 1.65 0.00	45.21 1.70 0.00	48.55 1.73 0.00	56.90 1.87 0.00	61.94 1.98 0.00	55.07 1.71 0.00	48.97 1.52 0.00	44.71 1.47 0.00	40.34 1.14 0.00	40.86 1.07 0.00
BEEBEE_GT_13 23619	39.57 -1.48 0.00	37.90 -1.54 0.00	36.28 -1.35 0.00	36.07 -1.54 0.00	36.09 -1.43 0.00	38.97 -1.41 0.00	50.61 -1.89 0.00	51.83 -1.94 0.00	47.09 -2.06 0.00	46.50 -1.69 0.00	47.30 -1.97 0.00	45.71 -2.10 0.00	44.51 -2.10 0.00	41.99 -2.16 0.00	41.13 -2.30 0.00	41.16 -2.35 0.00	44.15 -2.67 0.00	51.94 -3.08 0.00	56.60 -3.36 0.00	50.69 -2.67 0.00	45.27 -2.18 0.00	41.33 -1.90 0.00	37.40 -1.80 0.00	37.96 -1.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	58.76 2.05 -15.67	58.73 2.01 -17.27	45.27 1.84 -5.80	39.51 1.84 -0.06	39.41 1.84 -0.06	42.42 1.98 -0.06	64.88 2.57 -9.81	64.86 2.90 -8.18	70.31 3.00 -18.16	75.58 2.99 -24.40	77.74 3.01 -25.46	76.60 3.01 -25.78	60.36 2.80 -10.96	60.29 2.69 -13.44	60.29 2.87 -13.99	60.28 2.83 -13.94	60.36 3.14 -10.41	62.67 3.69 -3.95	263.98 4.08 -199.94	200.97 3.52 -144.09	193.15 3.27 -142.42	61.18 2.85 -15.10	59.80 2.70 -17.89	60.32 2.71 -17.82
BETHLEHEM___GRP 23843	41.41 0.37 0.00	39.87 0.43 0.00	38.12 0.49 0.00	38.17 0.56 0.00	38.08 0.56 0.00	40.87 0.48 0.00	52.66 0.16 0.00	53.77 0.00 0.00	49.35 0.20 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.33 0.18 0.00	43.69 0.26 0.00	43.82 0.30 0.00	47.14 0.33 0.00	55.36 0.33 0.00	60.50 0.54 0.00	53.73 0.37 0.00	47.74 0.28 0.00	43.58 0.35 0.00	39.75 0.55 0.00	40.54 0.76 0.00
BETHLEHEM___GS1 323560	41.45 0.41 0.00	39.88 0.43 0.00	38.16 0.53 0.00	38.06 0.45 0.00	38.04 0.52 0.00	40.87 0.49 0.00	52.66 0.16 0.00	53.77 0.00 0.00	49.35 0.20 0.00	48.23 0.05 0.00	49.32 0.05 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.33 0.18 0.00	43.70 0.26 0.00	43.82 0.31 0.00	47.15 0.33 0.00	55.25 0.22 0.00	60.39 0.42 0.00	53.73 0.38 0.00	47.74 0.29 0.00	43.58 0.34 0.00	39.75 0.55 0.00	40.54 0.75 0.00
BETHLEHEM___GS2 323561	41.45 0.41 0.00	39.88 0.43 0.00	38.16 0.53 0.00	38.06 0.45 0.00	38.04 0.52 0.00	40.87 0.49 0.00	52.66 0.16 0.00	53.77 0.00 0.00	49.35 0.20 0.00	48.23 0.05 0.00	49.32 0.05 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.33 0.18 0.00	43.70 0.26 0.00	43.82 0.31 0.00	47.15 0.33 0.00	55.25 0.22 0.00	60.39 0.42 0.00	53.73 0.38 0.00	47.74 0.29 0.00	43.58 0.34 0.00	39.75 0.55 0.00	40.54 0.75 0.00
BETHLEHEM___GS3 323562	41.45 0.41 0.00	39.88 0.43 0.00	38.16 0.53 0.00	38.06 0.45 0.00	38.04 0.52 0.00	40.87 0.49 0.00	52.66 0.16 0.00	53.77 0.00 0.00	49.35 0.20 0.00	48.23 0.05 0.00	49.32 0.05 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.33 0.18 0.00	43.70 0.26 0.00	43.82 0.31 0.00	47.15 0.33 0.00	55.25 0.22 0.00	60.39 0.42 0.00	53.73 0.38 0.00	47.74 0.29 0.00	43.58 0.34 0.00	39.75 0.55 0.00	40.54 0.75 0.00
BETHLEHEM___STEEL 23779	39.69 -1.35 0.00	37.94 -1.50 0.00	36.32 -1.32 0.00	35.99 -1.62 0.00	36.09 -1.43 0.00	38.81 -1.58 0.00	50.35 -2.15 0.00	51.46 -2.31 0.00	46.50 -2.65 0.00	45.87 -2.31 0.00	46.51 -2.76 0.00	44.89 -2.92 0.00	43.62 -2.98 0.00	41.06 -3.09 0.00	40.09 -3.34 0.00	40.20 -3.31 0.00	43.07 -3.75 0.00	50.35 -4.68 0.00	54.87 -5.10 0.00	49.46 -3.90 0.00	44.46 -2.99 0.00	40.77 -2.46 0.00	36.81 -2.39 0.00	37.52 -2.27 0.00
BETHLHEM_115KV_TB1 79974	41.49 0.45 0.00	39.91 0.47 0.00	38.16 0.53 0.00	38.21 0.60 0.00	38.11 0.60 0.00	40.91 0.53 0.00	52.82 0.32 0.00	53.93 0.16 0.00	49.50 0.34 0.00	48.43 0.24 0.00	49.57 0.30 0.00	48.10 0.29 0.00	46.84 0.23 0.00	44.42 0.26 0.00	43.82 0.39 0.00	43.90 0.39 0.00	47.28 0.47 0.00	55.52 0.50 0.00	60.68 0.72 0.00	53.89 0.53 0.00	47.88 0.43 0.00	43.71 0.48 0.00	39.83 0.63 0.00	40.58 0.80 0.00
BETHPAGE_CC_5 323564	43.30 2.26 0.00	41.57 2.13 0.00	39.48 1.84 0.00	39.34 1.73 0.00	39.28 1.76 0.00	42.65 2.26 0.00	61.53 2.89 -6.14	58.51 3.06 -1.68	52.01 2.85 0.00	51.77 2.89 -0.70	55.52 2.81 -3.44	51.10 2.87 -0.42	49.17 2.56 0.00	46.71 2.56 0.00	51.46 2.74 -5.29	54.08 2.65 -7.91	56.29 3.00 -6.48	58.33 3.30 0.00	64.59 3.72 -0.91	58.61 3.52 -1.73	55.51 3.23 -4.83	50.47 2.81 -4.43	45.52 2.78 -3.54	42.79 2.74 -0.25
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.89 -1.15 0.00	38.10 -1.34 0.00	36.47 -1.17 0.00	36.18 -1.43 0.00	36.24 -1.28 0.00	38.97 -1.41 0.00	50.56 -1.94 0.00	51.78 -1.99 0.00	46.75 -2.41 0.00	46.07 -2.12 0.00	46.76 -2.51 0.00	45.13 -2.68 0.00	43.81 -2.80 0.00	41.24 -2.91 0.00	40.26 -3.17 0.00	40.42 -3.09 0.00	43.26 -3.56 0.00	50.62 -4.40 0.00	55.17 -4.80 0.00	49.73 -3.63 0.00	44.70 -2.75 0.00	40.99 -2.25 0.00	36.97 -2.23 0.00	37.68 -2.11 0.00

BINGHAMTON___COGEN 23790	40.92 -0.12 0.00	39.28 -0.16 0.00	37.48 -0.15 0.00	37.42 -0.19 0.00	37.36 -0.15 0.00	40.30 -0.08 0.00	52.45 -0.05 0.00	53.77 0.00 0.00	49.06 -0.10 0.00	48.09 -0.10 0.00	49.08 -0.20 0.00	47.48 -0.33 0.00	46.23 -0.37 0.00	43.71 -0.44 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.53 -0.50 0.00	59.54 -0.42 0.00	53.14 -0.21 0.00	47.26 -0.19 0.00	43.11 -0.13 0.00	38.96 -0.24 0.00	39.55 -0.24 0.00
BIXINCNT_115KV_LOAD 355685	40.51 -0.53 0.00	38.57 -0.87 0.00	36.85 -0.79 0.00	36.44 -1.17 0.00	36.50 -1.01 0.00	39.17 -1.21 0.00	50.98 -1.52 0.00	52.10 -1.67 0.00	46.99 -2.16 0.00	46.07 -2.12 0.00	46.66 -2.61 0.00	44.94 -2.87 0.00	43.48 -3.12 0.00	40.71 -3.44 0.00	39.52 -3.91 0.00	39.73 -3.79 0.00	42.70 -4.12 0.00	49.96 -5.06 0.00	54.69 -5.28 0.00	49.52 -3.84 0.00	44.65 -2.80 0.00	40.90 -2.33 0.00	36.69 -2.51 0.00	37.16 -2.63 0.00
BLACK RIVER___HYD 24047	42.85 1.80 0.00	40.98 1.54 0.00	38.95 1.32 0.00	39.11 1.51 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.87 2.36 0.00	56.40 2.63 0.00	51.17 2.02 0.00	50.30 2.12 0.00	51.59 2.32 0.00	49.86 2.05 0.00	48.75 2.14 0.00	46.32 2.16 0.00	45.43 2.00 0.00	45.56 2.05 0.00	48.97 2.15 0.00	57.50 2.48 0.00	62.72 2.76 0.00	55.76 2.40 0.00	49.54 2.09 0.00	45.13 1.90 0.00	40.61 1.41 0.00	41.10 1.31 0.00
BLACKRVR_115KV_TB2 79977	42.85 1.81 0.00	40.98 1.54 0.00	38.99 1.35 0.00	39.07 1.47 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.87 2.36 0.00	56.35 2.58 0.00	51.17 2.02 0.00	50.31 2.12 0.00	51.54 2.27 0.00	49.87 2.06 0.00	48.75 2.14 0.00	46.27 2.12 0.00	45.43 2.00 0.00	45.51 2.00 0.00	48.97 2.15 0.00	57.45 2.42 0.00	62.60 2.64 0.00	55.76 2.40 0.00	49.54 2.09 0.00	45.14 1.90 0.00	40.61 1.41 0.00	41.10 1.31 0.00
BLISS_WT_PWR 323608	40.31 -0.74 0.00	38.41 -1.03 0.00	36.62 -1.01 0.00	36.67 -0.94 0.00	36.35 -1.16 0.00	39.05 -1.33 0.00	50.77 -1.73 0.00	51.88 -1.88 0.00	46.75 -2.41 0.00	45.92 -2.26 0.00	46.71 -2.56 0.00	44.65 -3.16 0.00	43.16 -3.45 0.00	40.36 -3.80 0.00	39.09 -4.34 0.00	39.33 -4.18 0.00	42.28 -4.54 0.00	49.91 -5.12 0.00	55.11 -4.85 0.00	49.04 -4.32 0.00	44.22 -3.23 0.00	40.60 -2.64 0.00	36.42 -2.78 0.00	36.80 -2.98 0.00
BLUESTONE___WT_PWR 323821	43.38 2.34 0.00	41.53 2.09 0.00	39.52 1.88 0.00	39.67 2.07 0.00	39.46 1.95 0.00	42.65 2.26 0.00	55.81 3.31 0.00	57.32 3.55 0.00	52.11 2.95 0.00	51.27 3.09 0.00	52.33 3.06 0.00	50.68 2.87 0.00	49.45 2.84 0.00	46.71 2.56 0.00	45.73 2.30 0.00	45.82 2.30 0.00	49.34 2.53 0.00	58.22 3.19 0.00	63.68 3.72 0.00	56.61 3.26 0.00	50.35 2.89 0.00	45.79 2.55 0.00	41.24 2.04 0.00	41.78 1.99 0.00
BLUE_CIRC_CHEM_DRP 24182	41.90 0.86 0.00	40.31 0.87 0.00	38.50 0.87 0.00	38.51 0.90 0.00	38.41 0.90 0.00	41.31 0.93 0.00	53.50 1.00 0.00	54.63 0.86 0.00	50.09 0.93 0.00	49.00 0.82 0.00	50.11 0.84 0.00	48.62 0.81 0.00	47.35 0.75 0.00	44.86 0.71 0.00	44.22 0.78 0.00	44.34 0.83 0.00	47.75 0.94 0.00	56.13 1.10 0.00	61.34 1.38 0.00	54.53 1.17 0.00	48.45 1.00 0.00	44.19 0.95 0.00	40.22 1.02 0.00	40.94 1.15 0.00
BOC_GAS_DRP 24189	41.58 0.53 0.00	39.99 0.55 0.00	38.20 0.56 0.00	38.21 0.60 0.00	38.11 0.60 0.00	40.99 0.61 0.00	53.19 0.68 0.00	54.41 0.65 0.00	49.84 0.69 0.00	48.76 0.58 0.00	49.91 0.64 0.00	48.43 0.62 0.00	47.16 0.56 0.00	44.73 0.57 0.00	44.09 0.65 0.00	44.16 0.65 0.00	47.57 0.75 0.00	55.91 0.88 0.00	61.10 1.14 0.00	54.27 0.91 0.00	48.26 0.81 0.00	43.97 0.73 0.00	39.98 0.78 0.00	40.62 0.84 0.00
BOONVILLE_115KV_TB1 79983	42.36 1.31 0.00	40.62 1.18 0.00	38.65 1.02 0.00	38.70 1.09 0.00	38.56 1.05 0.00	41.56 1.17 0.00	54.29 1.79 0.00	55.60 1.83 0.00	50.68 1.52 0.00	49.78 1.59 0.00	50.95 1.68 0.00	49.39 1.58 0.00	48.19 1.58 0.00	45.70 1.55 0.00	44.87 1.43 0.00	44.95 1.44 0.00	48.36 1.54 0.00	56.73 1.71 0.00	61.88 1.92 0.00	55.07 1.71 0.00	48.97 1.52 0.00	44.62 1.38 0.00	40.30 1.10 0.00	40.86 1.07 0.00
BORALEX_4TH_BRANCH 23824	42.64 1.60 0.00	41.02 1.58 0.00	39.07 1.43 0.00	39.22 1.62 0.00	39.16 1.65 0.00	42.24 1.86 0.00	55.29 2.78 0.00	56.35 2.58 0.00	51.76 2.61 0.00	50.35 2.17 0.00	51.59 2.32 0.00	50.06 2.25 0.00	48.75 2.14 0.00	46.14 1.99 0.00	45.56 2.13 0.00	45.64 2.13 0.00	49.25 2.43 0.00	58.05 3.03 0.00	63.56 3.60 0.00	56.35 2.99 0.00	49.97 2.51 0.00	45.70 2.46 0.00	41.47 2.27 0.00	42.06 2.27 0.00
BOWLINE___1 23526	42.07 1.03 0.00	40.51 1.07 0.00	38.61 0.98 0.00	38.55 0.94 0.00	38.53 1.01 0.00	41.56 1.17 0.00	53.92 1.42 0.00	55.33 1.56 0.00	50.78 1.62 0.00	49.73 1.54 0.00	50.75 1.48 0.00	49.34 1.53 0.00	47.96 1.35 0.00	45.52 1.37 0.00	44.95 1.52 0.00	45.03 1.52 0.00	48.55 1.73 0.00	57.06 2.04 0.00	62.18 2.22 0.00	55.44 2.08 0.00	49.40 1.95 0.00	44.88 1.64 0.00	40.81 1.61 0.00	41.34 1.55 0.00
BOWLINE___2 23595	42.11 1.07 0.00	40.54 1.10 0.00	38.65 1.02 0.00	38.55 0.94 0.00	38.53 1.01 0.00	41.56 1.17 0.00	54.03 1.52 0.00	55.44 1.67 0.00	50.83 1.67 0.00	49.77 1.59 0.00	50.80 1.53 0.00	49.44 1.63 0.00	48.05 1.45 0.00	45.57 1.41 0.00	45.00 1.56 0.00	45.07 1.56 0.00	48.64 1.82 0.00	57.12 2.09 0.00	62.24 2.28 0.00	55.55 2.19 0.00	49.49 2.04 0.00	44.92 1.68 0.00	40.85 1.65 0.00	41.38 1.59 0.00
BRADY___115KV_TB2 356060	42.93 1.89 0.00	41.22 1.77 0.00	39.33 1.69 0.00	39.26 1.65 0.00	39.05 1.54 0.00	41.88 1.49 0.00	54.39 1.89 0.00	55.65 1.88 0.00	50.48 1.33 0.00	49.63 1.45 0.00	50.70 1.43 0.00	49.34 1.53 0.00	48.37 1.77 0.00	46.01 1.85 0.00	45.17 1.74 0.00	45.29 1.78 0.00	48.55 1.73 0.00	56.84 1.82 0.00	61.52 1.56 0.00	54.69 1.33 0.00	48.69 1.23 0.00	44.49 1.25 0.00	40.26 1.06 0.00	40.94 1.15 0.00
BRANSCOMB___SOLAR 323811	43.51 2.46 0.00	41.81 2.37 0.00	39.82 2.18 0.00	39.79 2.18 0.00	39.80 2.29 0.00	42.36 1.98 0.00	55.34 2.83 0.00	56.40 2.63 0.00	51.91 2.75 0.00	50.64 2.46 0.00	51.74 2.46 0.00	50.25 2.44 0.00	48.89 2.28 0.00	46.32 2.16 0.00	45.60 2.17 0.00	45.73 2.22 0.00	49.20 2.39 0.00	57.72 2.70 0.00	63.26 3.30 0.00	56.24 2.88 0.00	49.96 2.51 0.00	46.18 2.94 0.00	41.87 2.67 0.00	42.53 2.74 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	43.51 2.46 0.00	41.73 2.29 0.00	39.59 1.96 0.00	39.49 1.88 0.00	39.35 1.84 0.00	42.85 2.46 0.00	62.05 3.41 -6.13	59.15 3.71 -1.67	52.50 3.34 0.00	52.20 3.32 -0.69	56.00 3.30 -3.43	51.42 3.20 -0.41	49.40 2.80 0.00	46.98 2.83 0.00	51.80 3.08 -5.28	54.46 3.05 -7.90	56.70 3.42 -6.47	59.04 4.02 0.00	65.54 4.68 -0.90	59.03 3.95 -1.72	55.83 3.56 -4.82	50.81 3.16 -4.42	45.59 2.86 -3.53	42.94 2.90 -0.25

BRISTLHL_115KV_TB1 79998	40.80 -0.25 0.00	39.16 -0.28 0.00	37.37 -0.26 0.00	37.34 -0.26 0.00	37.25 -0.26 0.00	40.18 -0.20 0.00	52.40 -0.11 0.00	53.77 0.00 0.00	49.21 0.05 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.81 0.00 0.00	46.65 0.05 0.00	44.15 0.00 0.00	43.26 -0.17 0.00	43.34 -0.17 0.00	46.63 -0.19 0.00	54.92 -0.11 0.00	59.90 -0.06 0.00	53.46 0.11 0.00	47.45 0.00 0.00	43.23 0.00 0.00	39.08 -0.12 0.00	39.59 -0.20 0.00
BROOKHAVEN___DRP 24191	42.40 1.35 0.00	40.58 1.14 0.00	38.35 0.72 0.00	38.13 0.53 0.00	37.89 0.38 0.00	41.84 1.45 0.00	61.47 2.84 -6.13	57.86 2.42 -1.67	47.21 1.23 3.17	41.32 1.30 8.16	39.90 1.18 10.56	39.85 1.05 9.01	34.61 0.75 12.74	34.42 0.88 10.62	39.79 1.26 4.91	40.22 1.26 4.55	44.61 1.50 3.71	53.61 1.82 3.23	64.04 3.18 -0.90	57.32 2.24 -1.72	47.18 1.61 1.89	47.51 1.34 -2.94	44.06 1.33 -3.53	41.90 1.87 -0.25
BROOKLYN_NAVY_YARD 23515	42.36 1.31 0.00	40.78 1.34 0.00	38.84 1.20 0.00	38.73 1.13 0.00	38.71 1.20 0.00	41.76 1.37 0.00	54.45 1.94 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.45 2.27 0.00	51.54 2.27 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.21 0.00	45.69 2.17 0.00	49.30 2.48 0.00	57.83 2.80 0.00	62.90 2.94 0.00	56.24 2.88 0.00	50.15 2.70 0.00	45.35 2.12 0.00	41.20 2.00 0.00	41.78 1.99 0.00
BROOKLYN___ARMY_DRP 323595	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
BROOKVLE_69_KV_TB1 55790	43.42 2.38 0.00	41.65 2.21 0.00	39.59 1.96 0.00	39.53 1.92 0.00	39.43 1.91 0.00	42.73 2.34 0.00	61.89 3.26 -6.13	58.94 3.49 -1.67	52.45 3.29 0.00	52.20 3.32 -0.69	56.15 3.45 -3.43	51.61 3.39 -0.41	49.63 3.03 0.00	47.11 2.96 0.00	51.80 3.08 -5.28	54.50 3.09 -7.90	56.70 3.42 -6.47	59.10 4.07 0.00	65.24 4.38 -0.90	59.03 3.95 -1.72	55.83 3.56 -4.82	50.77 3.11 -4.42	45.59 2.86 -3.53	42.86 2.83 -0.25
BROOME_2_LFGE 323671	40.88 -0.16 0.00	39.24 -0.20 0.00	37.45 -0.19 0.00	37.49 -0.11 0.00	37.36 -0.15 0.00	40.30 -0.08 0.00	52.45 -0.05 0.00	53.77 0.00 0.00	49.06 -0.10 0.00	48.14 -0.05 0.00	49.13 -0.15 0.00	47.53 -0.29 0.00	46.28 -0.32 0.00	43.75 -0.40 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.64 -0.38 0.00	59.72 -0.24 0.00	53.09 -0.27 0.00	47.26 -0.19 0.00	43.06 -0.17 0.00	38.97 -0.23 0.00	39.55 -0.24 0.00
BROOME___LFGE 323600	40.88 -0.16 0.00	39.24 -0.20 0.00	37.45 -0.19 0.00	37.49 -0.11 0.00	37.36 -0.15 0.00	40.30 -0.08 0.00	52.45 -0.05 0.00	53.77 0.00 0.00	49.06 -0.10 0.00	48.14 -0.05 0.00	49.13 -0.15 0.00	47.53 -0.29 0.00	46.28 -0.32 0.00	43.75 -0.40 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.64 -0.38 0.00	59.72 -0.24 0.00	53.09 -0.27 0.00	47.26 -0.19 0.00	43.06 -0.17 0.00	38.97 -0.23 0.00	39.55 -0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	42.56 1.52 0.00	40.82 1.38 0.00	38.84 1.20 0.00	38.85 1.24 0.00	38.60 1.09 0.00	41.39 1.01 0.00	53.87 1.37 0.00	55.22 1.45 0.00	50.14 0.98 0.00	49.29 1.11 0.00	50.41 1.13 0.00	49.01 1.20 0.00	48.10 1.49 0.00	45.79 1.63 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.22 1.40 0.00	56.40 1.38 0.00	61.10 1.14 0.00	54.37 1.01 0.00	48.45 1.00 0.00	44.27 1.04 0.00	40.06 0.86 0.00	40.70 0.92 0.00
BROWNSV1_27_KV_LOAD 356125	42.85 1.81 0.00	41.18 1.74 0.00	39.22 1.58 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.12 1.74 0.00	54.97 2.47 0.00	56.51 2.74 0.00	51.91 2.75 0.00	50.93 2.75 0.00	52.03 2.76 0.00	50.54 2.73 0.00	49.07 2.47 0.00	46.54 2.38 0.00	45.95 2.52 0.00	46.03 2.52 0.00	49.63 2.81 0.00	58.38 3.36 0.00	63.80 3.84 0.00	56.61 3.25 0.00	50.44 2.99 0.00	45.79 2.55 0.00	41.51 2.31 0.00	42.10 2.31 0.00
BURROWS___LYONSDAL 23803	42.44 1.40 0.00	40.66 1.22 0.00	38.69 1.05 0.00	38.74 1.13 0.00	38.60 1.09 0.00	41.60 1.21 0.00	54.34 1.84 0.00	55.65 1.88 0.00	50.73 1.57 0.00	49.82 1.64 0.00	50.95 1.68 0.00	49.39 1.58 0.00	48.23 1.63 0.00	45.74 1.59 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.41 1.59 0.00	56.79 1.76 0.00	61.88 1.92 0.00	55.12 1.76 0.00	48.97 1.52 0.00	44.62 1.38 0.00	40.34 1.14 0.00	40.86 1.07 0.00
CAITHNESS_CC_1 323624	42.27 1.23 0.00	40.46 1.02 0.00	38.27 0.64 0.00	37.95 0.34 0.00	37.78 0.26 0.00	41.68 1.29 0.00	61.37 2.73 -6.14	57.76 2.31 -1.68	47.12 1.13 3.17	41.23 1.21 8.16	39.76 1.04 10.55	39.76 0.96 9.01	34.57 0.70 12.74	34.33 0.80 10.62	39.75 1.21 4.90	40.14 1.18 4.55	44.52 1.40 3.70	53.11 1.32 3.23	63.57 2.70 -0.91	57.27 2.19 -1.73	47.14 1.56 1.88	47.35 1.17 -2.94	43.88 1.14 -3.54	41.83 1.79 -0.25
CALPINE BETH_PAGE_GT4 24209	43.34 2.30 0.00	41.61 2.17 0.00	39.52 1.88 0.00	39.45 1.84 0.00	39.35 1.84 0.00	42.69 2.30 0.00	61.58 2.94 -6.13	58.51 3.06 -1.67	52.06 2.90 0.00	51.76 2.89 -0.69	55.61 2.91 -3.43	51.14 2.92 -0.41	49.17 2.56 0.00	46.67 2.52 0.00	51.41 2.69 -5.28	54.11 2.70 -7.90	56.33 3.04 -6.47	58.60 3.58 0.00	64.94 4.08 -0.90	58.60 3.52 -1.72	55.45 3.18 -4.82	50.51 2.85 -4.42	45.51 2.78 -3.53	42.82 2.79 -0.25
CALPINE_BETH_PAGE_GT_4 323586	43.34 2.30 0.00	41.57 2.13 0.00	39.52 1.88 0.00	39.38 1.77 0.00	39.31 1.80 0.00	42.69 2.30 0.00	61.58 2.94 -6.14	58.51 3.06 -1.68	52.01 2.85 0.00	51.77 2.89 -0.70	55.57 2.86 -3.44	51.15 2.92 -0.42	49.21 2.61 0.00	46.71 2.56 0.00	51.47 2.74 -5.29	54.12 2.70 -7.91	56.34 3.04 -6.48	58.38 3.36 0.00	64.65 3.78 -0.91	58.61 3.52 -1.73	55.55 3.27 -4.83	50.47 2.81 -4.43	45.56 2.82 -3.54	42.83 2.78 -0.25
CALPINE_BP_GT1 23823	43.34 2.30 0.00	41.57 2.13 0.00	39.52 1.88 0.00	39.38 1.77 0.00	39.31 1.80 0.00	42.69 2.30 0.00	61.58 2.94 -6.14	58.51 3.06 -1.68	52.01 2.85 0.00	51.77 2.89 -0.70	55.57 2.86 -3.44	51.15 2.92 -0.42	49.21 2.61 0.00	46.71 2.56 0.00	51.47 2.74 -5.29	54.12 2.70 -7.91	56.34 3.04 -6.48	58.38 3.36 0.00	64.65 3.78 -0.91	58.61 3.52 -1.73	55.55 3.27 -4.83	50.47 2.81 -4.43	45.56 2.82 -3.54	42.83 2.78 -0.25
CALSPAN___DRP 24200	39.69 -1.35 0.00	37.94 -1.50 0.00	36.32 -1.32 0.00	35.99 -1.62 0.00	36.09 -1.43 0.00	38.81 -1.58 0.00	50.35 -2.15 0.00	51.46 -2.31 0.00	46.50 -2.65 0.00	45.87 -2.31 0.00	46.51 -2.76 0.00	44.89 -2.92 0.00	43.62 -2.98 0.00	41.06 -3.09 0.00	40.09 -3.34 0.00	40.20 -3.31 0.00	43.07 -3.75 0.00	50.35 -4.68 0.00	54.87 -5.10 0.00	49.46 -3.90 0.00	44.46 -2.99 0.00	40.77 -2.46 0.00	36.81 -2.39 0.00	37.52 -2.27 0.00

CALVERTON___SOLAR 323806	42.48 1.44 0.00	40.66 1.22 0.00	38.46 0.83 0.00	38.13 0.53 0.00	37.96 0.45 0.00	41.84 1.45 0.00	61.64 2.99 -6.14	57.98 2.53 -1.68	47.36 1.33 3.12	41.57 1.40 8.01	40.13 1.18 10.32	40.06 1.10 8.85	34.91 0.84 12.53	34.64 0.93 10.44	40.05 1.35 4.73	40.52 1.35 4.34	44.87 1.59 3.54	53.39 1.54 3.18	63.87 3.00 -0.91	57.54 2.46 -1.73	47.44 1.76 1.77	47.54 1.34 -2.97	43.99 1.25 -3.54	41.99 1.95 -0.25
CANDIGU_WT_PWR 323617	40.22 -0.82 0.00	38.57 -0.87 0.00	36.77 -0.86 0.00	36.89 -0.72 0.00	36.61 -0.90 0.00	39.53 -0.85 0.00	51.45 -1.05 0.00	52.69 -1.07 0.00	47.83 -1.32 0.00	46.98 -1.20 0.00	47.84 -1.43 0.00	45.95 -1.87 0.00	44.60 -2.00 0.00	41.95 -2.21 0.00	40.96 -2.47 0.00	41.12 -2.39 0.00	44.20 -2.62 0.00	52.44 -2.59 0.00	57.50 -2.46 0.00	51.07 -2.29 0.00	45.65 -1.80 0.00	41.72 -1.51 0.00	37.63 -1.57 0.00	38.20 -1.59 0.00
CARR STREET_E_SYR 24060	40.14 -0.90 0.00	38.53 -0.91 0.00	36.81 -0.83 0.00	36.82 -0.79 0.00	36.69 -0.83 0.00	39.58 -0.81 0.00	51.51 -1.00 0.00	52.85 -0.91 0.00	48.32 -0.84 0.00	47.41 -0.77 0.00	48.54 -0.74 0.00	46.95 -0.86 0.00	45.77 -0.84 0.00	43.27 -0.88 0.00	42.48 -0.96 0.00	42.55 -0.96 0.00	45.79 -1.03 0.00	53.93 -1.10 0.00	58.94 -1.02 0.00	52.40 -0.96 0.00	46.60 -0.85 0.00	42.46 -0.78 0.00	38.45 -0.75 0.00	38.95 -0.84 0.00
CARTHAGE___PAPER 23857	42.73 1.68 0.00	40.90 1.46 0.00	38.88 1.24 0.00	38.96 1.35 0.00	38.79 1.28 0.00	41.76 1.37 0.00	54.61 2.10 0.00	56.13 2.36 0.00	50.92 1.77 0.00	50.06 1.88 0.00	51.25 1.97 0.00	49.58 1.77 0.00	48.47 1.87 0.00	46.09 1.94 0.00	45.26 1.82 0.00	45.34 1.83 0.00	48.78 1.97 0.00	57.23 2.20 0.00	62.30 2.34 0.00	55.39 2.03 0.00	49.21 1.76 0.00	44.88 1.64 0.00	40.45 1.25 0.00	40.94 1.15 0.00
CASSADAGA_WT_PWR 323784	40.67 -0.37 0.00	38.93 -0.51 0.00	37.15 -0.49 0.00	37.19 -0.41 0.00	36.84 -0.67 0.00	39.78 -0.60 0.00	51.88 -0.63 0.00	53.02 -0.75 0.00	47.68 -1.47 0.00	46.79 -1.40 0.00	47.50 -1.77 0.00	45.47 -2.34 0.00	43.99 -2.61 0.00	41.42 -2.74 0.00	40.31 -3.13 0.00	40.55 -2.96 0.00	43.40 -3.42 0.00	51.28 -3.74 0.00	56.42 -3.54 0.00	49.73 -3.63 0.00	44.46 -2.99 0.00	40.90 -2.34 0.00	36.85 -2.35 0.00	37.56 -2.23 0.00
CE_DUNWOOD___DRP 24194	42.40 1.35 0.00	40.78 1.34 0.00	38.84 1.20 0.00	38.85 1.24 0.00	38.75 1.24 0.00	41.76 1.37 0.00	54.39 1.89 0.00	55.87 2.10 0.00	51.27 2.11 0.00	50.21 2.02 0.00	51.34 2.07 0.00	49.87 2.06 0.00	48.47 1.86 0.00	45.96 1.81 0.00	45.39 1.95 0.00	45.47 1.96 0.00	49.02 2.20 0.00	57.67 2.64 0.00	63.02 3.06 0.00	55.97 2.61 0.00	49.82 2.37 0.00	45.27 2.03 0.00	41.04 1.84 0.00	41.62 1.83 0.00
CE_MILLWOOD___DRP 24193	42.32 1.27 0.00	40.70 1.26 0.00	38.76 1.13 0.00	38.77 1.17 0.00	38.68 1.16 0.00	41.72 1.33 0.00	54.29 1.79 0.00	55.76 1.99 0.00	51.17 2.02 0.00	50.11 1.93 0.00	51.19 1.92 0.00	49.72 1.91 0.00	48.33 1.72 0.00	45.83 1.68 0.00	45.26 1.82 0.00	45.34 1.83 0.00	48.92 2.11 0.00	57.56 2.53 0.00	62.90 2.94 0.00	55.81 2.45 0.00	49.68 2.23 0.00	45.18 1.95 0.00	40.96 1.76 0.00	41.54 1.75 0.00
CE_NYC2_DRP 24202	42.73 1.68 0.00	41.14 1.70 -0.01	39.22 1.58 -0.01	39.15 1.54 0.00	39.09 1.58 0.00	42.00 1.62 0.00	54.60 2.10 0.00	56.13 2.37 0.00	51.61 2.46 0.00	50.64 2.46 0.00	51.74 2.46 0.00	50.30 2.49 0.00	51.82 2.24 -2.98	46.84 2.21 -0.48	45.78 2.35 0.00	45.86 2.35 0.00	52.97 2.57 -3.58	59.24 3.03 -1.19	63.26 3.30 0.00	57.54 2.88 -1.30	50.11 2.66 0.00	45.57 2.33 0.00	41.44 2.23 -0.01	42.02 2.23 -0.01
CE_NYC_DRP 24195	42.56 1.52 0.00	40.94 1.50 0.00	39.03 1.39 0.00	39.00 1.39 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.19 2.42 0.00	51.61 2.46 0.00	50.60 2.41 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.69 2.26 0.00	45.77 2.26 0.00	49.34 2.53 0.00	58.05 3.03 0.00	63.38 3.42 0.00	56.24 2.88 0.00	50.11 2.66 0.00	45.48 2.25 0.00	41.28 2.08 0.00	41.86 2.07 0.00
CHAFFEE___LFGE 323603	39.77 -1.27 0.00	38.10 -1.34 0.00	36.36 -1.28 0.00	36.59 -1.01 0.00	36.28 -1.24 0.00	39.05 -1.33 0.00	50.67 -1.84 0.00	51.83 -1.93 0.00	46.80 -2.36 0.00	46.26 -1.93 0.00	47.25 -2.02 0.00	45.23 -2.58 0.00	43.90 -2.70 0.00	41.37 -2.78 0.00	40.35 -3.08 0.00	40.55 -2.96 0.00	43.35 -3.46 0.00	51.28 -3.74 0.00	56.42 -3.54 0.00	49.78 -3.57 0.00	44.61 -2.85 0.00	41.03 -2.20 0.00	37.04 -2.16 0.00	37.76 -2.03 0.00
CHATEAUG_35_KV_LOAD 355732	42.44 1.40 0.00	40.86 1.42 0.00	39.03 1.39 0.00	38.92 1.32 0.00	38.71 1.20 0.00	41.64 1.25 0.00	53.92 1.42 0.00	55.17 1.40 0.00	50.04 0.88 0.00	49.20 1.01 0.00	50.36 1.08 0.00	49.01 1.20 0.00	48.00 1.40 0.00	45.57 1.41 0.00	44.74 1.30 0.00	44.86 1.35 0.00	48.13 1.31 0.00	56.40 1.38 0.00	60.74 0.78 0.00	53.84 0.48 0.00	47.78 0.33 0.00	43.45 0.22 0.00	39.24 0.04 0.00	40.07 0.28 0.00
CHATEAUG_WT_PWR 323614	42.40 1.35 0.00	40.82 1.38 0.00	38.99 1.35 0.00	38.89 1.28 0.00	38.68 1.16 0.00	41.56 1.17 0.00	53.71 1.21 0.00	54.95 1.18 0.00	49.89 0.74 0.00	49.05 0.87 0.00	50.26 0.99 0.00	48.91 1.10 0.00	47.91 1.30 0.00	45.52 1.37 0.00	44.65 1.21 0.00	44.77 1.26 0.00	47.99 1.17 0.00	56.18 1.16 0.00	60.50 0.54 0.00	53.63 0.27 0.00	47.55 0.10 0.00	43.28 0.04 0.00	39.08 -0.12 0.00	39.95 0.16 0.00
CHAT_HIGH_FALL_HYD 323578	42.44 1.40 0.00	40.86 1.42 0.00	39.03 1.39 0.00	38.92 1.32 0.00	38.71 1.20 0.00	41.64 1.25 0.00	53.92 1.42 0.00	55.17 1.40 0.00	50.04 0.88 0.00	49.20 1.01 0.00	50.36 1.08 0.00	49.01 1.20 0.00	48.00 1.40 0.00	45.57 1.41 0.00	44.74 1.30 0.00	44.86 1.35 0.00	48.13 1.31 0.00	56.40 1.38 0.00	60.74 0.78 0.00	53.84 0.48 0.00	47.78 0.33 0.00	43.45 0.22 0.00	39.24 0.04 0.00	40.07 0.28 0.00
CHAUTAUQUA___LFGE 323629	40.22 -0.82 0.00	38.53 -0.91 0.00	36.77 -0.86 0.00	36.93 -0.68 0.00	36.61 -0.90 0.00	39.46 -0.93 0.00	51.35 -1.16 0.00	52.43 -1.34 0.00	47.24 -1.92 0.00	46.50 -1.69 0.00	47.40 -1.87 0.00	45.37 -2.44 0.00	43.99 -2.61 0.00	41.42 -2.74 0.00	40.35 -3.08 0.00	40.60 -2.91 0.00	43.45 -3.37 0.00	51.45 -3.58 0.00	56.55 -3.42 0.00	49.89 -3.47 0.00	44.70 -2.75 0.00	41.12 -2.12 0.00	37.08 -2.12 0.00	37.84 -1.95 0.00
CHERRYST_13_KV_LD 356241	42.64 1.60 0.00	41.06 1.62 0.00	39.10 1.47 0.00	39.07 1.47 0.00	39.01 1.50 0.00	42.04 1.66 0.00	54.81 2.31 0.00	56.35 2.58 0.00	51.76 2.61 0.00	50.74 2.55 0.00	51.88 2.61 0.00	50.39 2.58 0.00	48.93 2.33 0.00	46.40 2.25 0.00	45.82 2.39 0.00	45.90 2.39 0.00	49.49 2.67 0.00	58.22 3.19 0.00	63.56 3.60 0.00	56.40 3.04 0.00	50.25 2.80 0.00	45.61 2.38 0.00	41.36 2.16 0.00	41.94 2.15 0.00

CHESTROR_138KV_BK263 355645	42.03 0.99 0.00	40.43 0.99 0.00	38.54 0.90 0.00	38.55 0.94 0.00	38.45 0.94 0.00	41.43 1.05 0.00	53.92 1.42 0.00	55.27 1.51 0.00	50.68 1.52 0.00	49.58 1.40 0.00	50.65 1.38 0.00	49.20 1.39 0.00	47.86 1.26 0.00	45.34 1.19 0.00	44.78 1.35 0.00	44.86 1.35 0.00	48.41 1.59 0.00	57.01 1.98 0.00	62.30 2.34 0.00	55.33 1.97 0.00	49.21 1.76 0.00	44.75 1.51 0.00	40.61 1.41 0.00	41.18 1.39 0.00
CH_MIDHUDSON___DRP 24192	42.40 1.35 0.00	40.78 1.34 0.00	38.84 1.20 0.00	38.89 1.28 0.00	38.79 1.28 0.00	41.80 1.41 0.00	54.45 1.94 0.00	55.81 2.04 0.00	51.22 2.06 0.00	50.11 1.93 0.00	51.19 1.92 0.00	49.72 1.91 0.00	48.33 1.72 0.00	45.79 1.63 0.00	45.21 1.78 0.00	45.34 1.83 0.00	48.92 2.11 0.00	57.67 2.64 0.00	63.02 3.06 0.00	55.92 2.56 0.00	49.73 2.28 0.00	45.18 1.95 0.00	41.00 1.80 0.00	41.58 1.79 0.00
CH_MISC_IPPS 23765	42.52 1.48 0.00	40.94 1.50 0.00	38.99 1.35 0.00	38.92 1.32 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.30 2.12 0.00	51.29 2.02 0.00	49.91 2.10 0.00	48.47 1.87 0.00	45.92 1.77 0.00	45.34 1.91 0.00	45.47 1.96 0.00	49.11 2.29 0.00	57.78 2.75 0.00	63.02 3.06 0.00	56.18 2.83 0.00	49.96 2.51 0.00	45.27 2.03 0.00	41.12 1.92 0.00	41.70 1.91 0.00
CH_RES_BVR_FALLS 23983	41.33 0.29 0.00	39.72 0.28 0.00	37.82 0.19 0.00	37.72 0.11 0.00	37.55 0.04 0.00	40.38 0.00 0.00	52.45 -0.05 0.00	53.66 -0.11 0.00	48.96 -0.20 0.00	48.04 -0.14 0.00	49.17 -0.10 0.00	47.81 0.00 0.00	46.70 0.09 0.00	44.24 0.09 0.00	43.48 0.04 0.00	43.51 0.00 0.00	46.72 -0.09 0.00	54.81 -0.22 0.00	59.55 -0.42 0.00	52.99 -0.37 0.00	47.07 -0.38 0.00	42.84 -0.39 0.00	38.77 -0.43 0.00	39.35 -0.44 0.00
CH_RES_NIAGARA 23895	38.17 -2.87 0.00	36.52 -2.92 0.00	35.04 -2.60 0.00	34.71 -2.90 0.00	34.85 -2.66 0.00	37.40 -2.99 0.00	48.30 -4.20 0.00	49.36 -4.41 0.00	44.63 -4.52 0.00	44.14 -4.05 0.00	44.64 -4.63 0.00	43.17 -4.64 0.00	41.94 -4.66 0.00	39.52 -4.64 0.00	38.61 -4.82 0.00	38.72 -4.79 0.00	41.39 -5.43 0.00	48.31 -6.71 0.00	52.47 -7.50 0.00	47.44 -5.92 0.00	42.71 -4.75 0.00	39.26 -3.98 0.00	35.44 -3.76 0.00	36.25 -3.54 0.00
CH_RES_SYRACUSE 23985	40.51 -0.53 0.00	38.89 -0.55 0.00	37.15 -0.49 0.00	37.19 -0.41 0.00	37.02 -0.49 0.00	39.94 -0.44 0.00	52.03 -0.47 0.00	53.34 -0.43 0.00	48.81 -0.34 0.00	47.90 -0.29 0.00	49.03 -0.25 0.00	47.43 -0.38 0.00	46.23 -0.37 0.00	43.75 -0.40 0.00	42.91 -0.52 0.00	42.99 -0.52 0.00	46.26 -0.56 0.00	54.53 -0.50 0.00	59.55 -0.42 0.00	52.99 -0.37 0.00	47.12 -0.33 0.00	42.89 -0.35 0.00	38.81 -0.39 0.00	39.35 -0.44 0.00
CLINTON_WT_PWR 323605	42.40 1.35 0.00	40.82 1.38 0.00	38.99 1.35 0.00	38.89 1.28 0.00	38.68 1.16 0.00	41.56 1.17 0.00	53.71 1.21 0.00	54.95 1.18 0.00	49.89 0.74 0.00	49.05 0.87 0.00	50.26 0.99 0.00	48.91 1.10 0.00	47.91 1.30 0.00	45.52 1.37 0.00	44.65 1.21 0.00	44.77 1.26 0.00	47.99 1.17 0.00	56.18 1.16 0.00	60.50 0.54 0.00	53.63 0.27 0.00	47.55 0.10 0.00	43.28 0.04 0.00	39.08 -0.12 0.00	39.95 0.16 0.00
CLINTON___LFGE 323618	43.71 2.67 0.00	42.12 2.68 0.00	40.23 2.59 0.00	40.09 2.48 0.00	39.88 2.36 0.00	42.85 2.46 0.00	55.18 2.68 0.00	56.40 2.63 0.00	50.98 1.82 0.00	50.16 1.98 0.00	51.34 2.07 0.00	50.01 2.20 0.00	49.12 2.51 0.00	46.71 2.56 0.00	45.78 2.34 0.00	45.95 2.44 0.00	49.16 2.34 0.00	57.61 2.59 0.00	61.70 1.74 0.00	54.53 1.17 0.00	48.31 0.86 0.00	43.92 0.69 0.00	39.55 0.35 0.00	40.66 0.87 0.00
COBBLENY_34_KV_TB1 80064	39.89 -1.15 0.00	38.14 -1.30 0.00	36.51 -1.13 0.00	36.22 -1.39 0.00	36.28 -1.24 0.00	39.01 -1.37 0.00	50.67 -1.84 0.00	51.83 -1.94 0.00	46.80 -2.36 0.00	46.16 -2.02 0.00	46.86 -2.41 0.00	45.18 -2.63 0.00	43.90 -2.70 0.00	41.33 -2.83 0.00	40.35 -3.08 0.00	40.51 -3.00 0.00	43.35 -3.46 0.00	50.73 -4.29 0.00	55.29 -4.68 0.00	49.84 -3.52 0.00	44.79 -2.66 0.00	41.07 -2.16 0.00	37.04 -2.16 0.00	37.76 -2.03 0.00
COFFEEN___115KV_TB3 355620	43.14 2.09 0.00	41.22 1.77 0.00	39.18 1.54 0.00	39.30 1.69 0.00	39.13 1.61 0.00	42.16 1.78 0.00	55.23 2.73 0.00	56.73 2.96 0.00	51.47 2.31 0.00	50.64 2.46 0.00	51.84 2.56 0.00	50.15 2.34 0.00	49.03 2.42 0.00	46.54 2.38 0.00	45.69 2.26 0.00	45.82 2.31 0.00	49.30 2.48 0.00	57.83 2.81 0.00	63.08 3.12 0.00	56.19 2.83 0.00	49.92 2.47 0.00	45.48 2.25 0.00	40.88 1.69 0.00	41.34 1.55 0.00
COLDSPRG_115KV_BK1 355956	41.41 0.37 0.00	39.56 0.12 0.00	37.82 0.19 0.00	37.46 -0.15 0.00	37.48 -0.04 0.00	40.43 0.04 0.00	52.82 0.32 0.00	53.98 0.22 0.00	48.62 -0.54 0.00	47.70 -0.48 0.00	48.48 -0.79 0.00	46.66 -1.15 0.00	45.25 -1.35 0.00	42.56 -1.59 0.00	41.52 -1.91 0.00	41.73 -1.78 0.00	44.66 -2.15 0.00	52.44 -2.59 0.00	57.26 -2.70 0.00	51.44 -1.92 0.00	46.08 -1.38 0.00	42.24 -0.99 0.00	38.02 -1.18 0.00	38.71 -1.07 0.00
COLONIE_LFGE___ 323577	42.48 1.44 0.00	40.86 1.42 0.00	38.95 1.32 0.00	38.92 1.32 0.00	38.94 1.43 0.00	41.84 1.45 0.00	54.50 1.99 0.00	55.65 1.88 0.00	51.12 1.97 0.00	49.87 1.69 0.00	51.00 1.72 0.00	49.53 1.72 0.00	48.23 1.63 0.00	45.70 1.54 0.00	45.04 1.61 0.00	45.16 1.65 0.00	48.64 1.82 0.00	57.12 2.09 0.00	62.48 2.52 0.00	55.55 2.19 0.00	49.35 1.90 0.00	45.18 1.95 0.00	41.00 1.80 0.00	41.62 1.83 0.00
COOPERNY_115KV_TB1 80082	41.74 0.70 0.00	40.15 0.71 0.00	38.28 0.64 0.00	38.28 0.68 0.00	38.19 0.68 0.00	41.15 0.77 0.00	53.50 1.00 0.00	54.90 1.13 0.00	50.24 1.08 0.00	49.20 1.01 0.00	50.31 1.03 0.00	48.81 1.00 0.00	47.54 0.93 0.00	45.04 0.88 0.00	44.39 0.96 0.00	44.51 1.00 0.00	47.99 1.17 0.00	56.46 1.43 0.00	61.64 1.68 0.00	54.75 1.39 0.00	48.73 1.28 0.00	44.36 1.12 0.00	40.22 1.02 0.00	40.78 0.99 0.00
COPENHAGEN_WT_PWR 323753	42.64 1.60 0.00	40.78 1.34 0.00	38.80 1.17 0.00	38.92 1.32 0.00	38.71 1.20 0.00	41.72 1.33 0.00	54.61 2.10 0.00	56.13 2.36 0.00	50.92 1.77 0.00	50.06 1.88 0.00	51.34 2.07 0.00	49.63 1.82 0.00	48.52 1.91 0.00	46.05 1.90 0.00	45.22 1.78 0.00	45.30 1.78 0.00	48.74 1.92 0.00	57.23 2.20 0.00	62.42 2.46 0.00	55.49 2.14 0.00	49.30 1.85 0.00	44.97 1.73 0.00	40.45 1.25 0.00	40.94 1.15 0.00
CORNELL_____ 23752	41.54 0.49 0.00	39.83 0.39 0.00	38.01 0.38 0.00	37.98 0.38 0.00	37.89 0.38 0.00	40.91 0.53 0.00	53.40 0.89 0.00	54.79 1.02 0.00	50.09 0.93 0.00	49.00 0.82 0.00	50.01 0.74 0.00	48.38 0.57 0.00	47.21 0.61 0.00	44.59 0.44 0.00	43.74 0.30 0.00	43.90 0.39 0.00	47.28 0.47 0.00	55.80 0.77 0.00	60.86 0.90 0.00	54.37 1.01 0.00	48.31 0.85 0.00	43.93 0.69 0.00	39.67 0.47 0.00	40.19 0.40 0.00

CORONA_69_KV_TB1 355595	43.22 2.18 0.00	41.53 2.09 0.00	39.48 1.84 0.00	39.41 1.81 0.00	39.31 1.80 0.00	42.57 2.18 0.00	61.68 3.05 -6.13	58.72 3.28 -1.67	52.25 3.10 0.00	52.01 3.13 -0.69	55.90 3.20 -3.43	51.38 3.16 -0.41	49.45 2.84 0.00	46.89 2.74 0.00	51.63 2.91 -5.28	54.33 2.92 -7.90	56.52 3.23 -6.47	58.88 3.85 0.00	65.30 4.44 -0.90	58.87 3.79 -1.72	55.69 3.42 -4.82	50.64 2.98 -4.42	45.43 2.70 -3.53	42.70 2.67 -0.25
CORTLAND_115KV_TB3 80093	41.17 0.12 0.00	39.52 0.08 0.00	37.71 0.08 0.00	37.68 0.08 0.00	37.59 0.08 0.00	40.55 0.16 0.00	52.87 0.37 0.00	54.20 0.43 0.00	49.55 0.39 0.00	48.57 0.39 0.00	49.57 0.30 0.00	48.00 0.19 0.00	46.79 0.19 0.00	44.24 0.09 0.00	43.43 0.00 0.00	43.55 0.04 0.00	46.86 0.05 0.00	55.25 0.22 0.00	60.26 0.30 0.00	53.79 0.43 0.00	47.78 0.33 0.00	43.49 0.26 0.00	39.32 0.12 0.00	39.87 0.08 0.00
COXSACKIE___GT 23611	43.42 2.38 0.00	41.81 2.37 0.00	39.86 2.22 0.00	39.83 2.22 0.00	39.76 2.25 0.00	42.77 2.38 0.00	55.60 3.10 0.00	56.56 2.79 0.00	51.76 2.60 0.00	50.45 2.27 0.00	51.25 1.97 0.00	49.82 2.01 0.00	48.37 1.77 0.00	45.74 1.59 0.00	45.22 1.78 0.00	45.56 2.05 0.00	49.44 2.62 0.00	58.22 3.19 0.00	63.62 3.66 0.00	56.51 3.15 0.00	50.06 2.61 0.00	45.40 2.16 0.00	41.43 2.23 0.00	42.26 2.47 0.00
CPV_VALLEY___CC1 323721	41.74 0.70 0.00	40.15 0.71 0.00	38.27 0.64 0.00	38.21 0.60 0.00	38.19 0.68 0.00	41.15 0.77 0.00	53.50 1.00 0.00	54.90 1.13 0.00	50.33 1.18 0.00	49.24 1.06 0.00	50.26 0.99 0.00	48.86 1.05 0.00	47.58 0.98 0.00	45.12 0.97 0.00	44.52 1.09 0.00	44.60 1.09 0.00	48.13 1.31 0.00	56.51 1.49 0.00	61.58 1.62 0.00	54.91 1.55 0.00	48.87 1.42 0.00	44.40 1.17 0.00	40.37 1.17 0.00	40.90 1.11 0.00
CPV_VALLEY___CC2 323722	41.74 0.70 0.00	40.15 0.71 0.00	38.27 0.64 0.00	38.21 0.60 0.00	38.19 0.68 0.00	41.15 0.77 0.00	53.50 1.00 0.00	54.90 1.13 0.00	50.33 1.18 0.00	49.24 1.06 0.00	50.26 0.99 0.00	48.86 1.05 0.00	47.58 0.98 0.00	45.12 0.97 0.00	44.52 1.09 0.00	44.60 1.09 0.00	48.13 1.31 0.00	56.51 1.49 0.00	61.58 1.62 0.00	54.91 1.55 0.00	48.87 1.42 0.00	44.40 1.17 0.00	40.37 1.17 0.00	40.90 1.11 0.00
CRESCENT___HYD 24018	42.48 1.44 0.00	40.86 1.42 0.00	38.95 1.32 0.00	38.92 1.32 0.00	38.94 1.43 0.00	41.84 1.45 0.00	54.50 1.99 0.00	55.65 1.88 0.00	51.12 1.97 0.00	49.87 1.69 0.00	51.00 1.72 0.00	49.53 1.72 0.00	48.23 1.63 0.00	45.70 1.54 0.00	45.04 1.61 0.00	45.16 1.65 0.00	48.64 1.82 0.00	57.12 2.09 0.00	62.48 2.52 0.00	55.55 2.19 0.00	49.35 1.90 0.00	45.18 1.95 0.00	41.00 1.80 0.00	41.62 1.83 0.00
CRICKET___VALLEY_CC1 323756	42.03 0.98 0.00	40.46 1.02 0.00	38.58 0.94 0.00	38.51 0.90 0.00	38.53 1.01 0.00	41.48 1.09 0.00	53.97 1.47 0.00	55.27 1.50 0.00	50.73 1.57 0.00	49.53 1.35 0.00	50.65 1.38 0.00	49.24 1.43 0.00	47.91 1.30 0.00	45.39 1.23 0.00	44.86 1.43 0.00	44.90 1.39 0.00	48.50 1.68 0.00	57.00 1.98 0.00	62.18 2.22 0.00	55.39 2.03 0.00	49.25 1.80 0.00	44.79 1.55 0.00	40.69 1.49 0.00	41.26 1.47 0.00
CRICKET___VALLEY_CC2 323757	42.03 0.98 0.00	40.46 1.02 0.00	38.58 0.94 0.00	38.51 0.90 0.00	38.53 1.01 0.00	41.48 1.09 0.00	53.97 1.47 0.00	55.27 1.50 0.00	50.73 1.57 0.00	49.53 1.35 0.00	50.65 1.38 0.00	49.24 1.43 0.00	47.91 1.30 0.00	45.39 1.23 0.00	44.86 1.43 0.00	44.90 1.39 0.00	48.50 1.68 0.00	57.00 1.98 0.00	62.18 2.22 0.00	55.39 2.03 0.00	49.25 1.80 0.00	44.79 1.55 0.00	40.69 1.49 0.00	41.26 1.47 0.00
CRICKET___VALLEY_CC3 323758	42.03 0.98 0.00	40.46 1.02 0.00	38.58 0.94 0.00	38.51 0.90 0.00	38.53 1.01 0.00	41.48 1.09 0.00	53.97 1.47 0.00	55.27 1.50 0.00	50.73 1.57 0.00	49.53 1.35 0.00	50.65 1.38 0.00	49.24 1.43 0.00	47.91 1.30 0.00	45.39 1.23 0.00	44.86 1.43 0.00	44.90 1.39 0.00	48.50 1.68 0.00	57.00 1.98 0.00	62.18 2.22 0.00	55.39 2.03 0.00	49.25 1.80 0.00	44.79 1.55 0.00	40.69 1.49 0.00	41.26 1.47 0.00
CRUCIBLE_METL_DRP 24180	40.55 -0.49 0.00	38.93 -0.51 0.00	37.18 -0.45 0.00	37.12 -0.49 0.00	37.06 -0.45 0.00	39.94 -0.44 0.00	52.03 -0.47 0.00	53.34 -0.43 0.00	48.81 -0.34 0.00	47.90 -0.29 0.00	48.98 -0.30 0.00	47.43 -0.38 0.00	46.23 -0.37 0.00	43.76 -0.40 0.00	42.91 -0.52 0.00	42.99 -0.52 0.00	46.25 -0.56 0.00	54.47 -0.55 0.00	59.42 -0.54 0.00	53.04 -0.32 0.00	47.12 -0.33 0.00	42.89 -0.35 0.00	38.81 -0.39 0.00	39.35 -0.44 0.00
DAHOWA___HYDRO 323763	43.83 2.79 0.00	42.12 2.68 0.00	40.12 2.48 0.00	40.09 2.48 0.00	40.10 2.59 0.00	42.56 2.18 0.00	55.60 3.10 0.00	56.67 2.90 0.00	52.20 3.05 0.00	50.93 2.75 0.00	52.03 2.76 0.00	50.53 2.72 0.00	49.17 2.56 0.00	46.54 2.38 0.00	45.82 2.39 0.00	45.95 2.44 0.00	49.44 2.62 0.00	57.94 2.91 0.00	63.50 3.54 0.00	56.45 3.09 0.00	50.20 2.75 0.00	46.52 3.28 0.00	42.14 2.94 0.00	42.85 3.06 0.00
DANC___LFGE 323619	41.86 0.82 0.00	40.11 0.67 0.00	38.16 0.53 0.00	38.28 0.68 0.00	38.11 0.60 0.00	41.03 0.64 0.00	53.61 1.10 0.00	55.06 1.29 0.00	50.14 0.98 0.00	49.24 1.06 0.00	50.55 1.28 0.00	48.86 1.05 0.00	47.72 1.12 0.00	45.26 1.10 0.00	44.39 0.95 0.00	44.47 0.96 0.00	47.80 0.98 0.00	56.18 1.16 0.00	61.34 1.38 0.00	54.53 1.17 0.00	48.45 1.00 0.00	44.23 1.00 0.00	39.87 0.67 0.00	40.35 0.56 0.00
DANSKAMMER___1 23586	42.52 1.48 0.00	40.94 1.50 0.00	38.99 1.35 0.00	38.92 1.32 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.30 2.12 0.00	51.29 2.02 0.00	49.91 2.10 0.00	48.47 1.87 0.00	45.92 1.77 0.00	45.34 1.91 0.00	45.47 1.96 0.00	49.11 2.29 0.00	57.78 2.75 0.00	63.02 3.06 0.00	56.18 2.83 0.00	49.96 2.51 0.00	45.27 2.03 0.00	41.12 1.92 0.00	41.70 1.91 0.00
DANSKAMMER___2 23589	42.52 1.48 0.00	40.94 1.50 0.00	38.99 1.35 0.00	38.92 1.32 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.30 2.12 0.00	51.29 2.02 0.00	49.91 2.10 0.00	48.47 1.87 0.00	45.92 1.77 0.00	45.34 1.91 0.00	45.47 1.96 0.00	49.11 2.29 0.00	57.78 2.75 0.00	63.02 3.06 0.00	56.18 2.83 0.00	49.96 2.51 0.00	45.27 2.03 0.00	41.12 1.92 0.00	41.70 1.91 0.00
DANSKAMMER___3 23590	42.52 1.48 0.00	40.94 1.50 0.00	38.99 1.35 0.00	38.92 1.32 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.30 2.12 0.00	51.29 2.02 0.00	49.91 2.10 0.00	48.47 1.87 0.00	45.92 1.77 0.00	45.34 1.91 0.00	45.47 1.96 0.00	49.11 2.29 0.00	57.78 2.75 0.00	63.02 3.06 0.00	56.18 2.83 0.00	49.96 2.51 0.00	45.27 2.03 0.00	41.12 1.92 0.00	41.70 1.91 0.00

DANSKAMMER___4 23591	42.52 1.48 0.00	40.94 1.50 0.00	38.99 1.35 0.00	38.92 1.32 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.30 2.12 0.00	51.29 2.02 0.00	49.91 2.10 0.00	48.47 1.87 0.00	45.92 1.77 0.00	45.34 1.91 0.00	45.47 1.96 0.00	49.11 2.29 0.00	57.78 2.75 0.00	63.02 3.06 0.00	56.18 2.83 0.00	49.96 2.51 0.00	45.27 2.03 0.00	41.12 1.92 0.00	41.70 1.91 0.00
DANSKAMMER___DIESEL 23592	42.56 1.52 0.00	40.94 1.50 0.00	38.99 1.35 0.00	39.04 1.43 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.31 2.12 0.00	51.34 2.07 0.00	49.91 2.10 0.00	48.47 1.86 0.00	45.92 1.77 0.00	45.34 1.91 0.00	45.47 1.96 0.00	49.11 2.29 0.00	57.89 2.86 0.00	63.26 3.30 0.00	56.13 2.77 0.00	49.92 2.47 0.00	45.31 2.08 0.00	41.12 1.92 0.00	41.70 1.91 0.00
DARBY___SOLAR 323810	43.55 2.50 0.00	41.85 2.41 0.00	39.86 2.22 0.00	39.86 2.26 0.00	39.84 2.33 0.00	42.36 1.98 0.00	55.34 2.83 0.00	56.46 2.69 0.00	51.91 2.75 0.00	50.69 2.50 0.00	51.78 2.51 0.00	50.30 2.48 0.00	48.93 2.33 0.00	46.32 2.16 0.00	45.60 2.17 0.00	45.77 2.26 0.00	49.25 2.43 0.00	57.72 2.70 0.00	63.26 3.30 0.00	56.24 2.88 0.00	50.01 2.56 0.00	46.22 2.98 0.00	41.90 2.70 0.00	42.57 2.78 0.00
DASHVILLE___HYD 23610	42.40 1.35 0.00	40.82 1.38 0.00	38.88 1.24 0.00	38.89 1.28 0.00	38.79 1.28 0.00	41.76 1.37 0.00	54.45 1.94 0.00	55.76 1.99 0.00	51.07 1.92 0.00	49.97 1.78 0.00	51.00 1.72 0.00	49.53 1.72 0.00	48.14 1.54 0.00	45.57 1.41 0.00	45.04 1.61 0.00	45.16 1.65 0.00	48.83 2.01 0.00	57.61 2.59 0.00	62.90 2.94 0.00	55.81 2.45 0.00	49.63 2.18 0.00	45.05 1.82 0.00	40.92 1.72 0.00	41.50 1.71 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	43.18 2.13 0.00	41.29 1.85 0.00	38.92 1.28 0.00	38.55 0.94 0.00	38.15 0.64 0.00	42.04 1.66 0.00	61.79 3.15 -6.13	58.13 2.69 -1.67	47.51 1.52 3.17	41.67 1.64 8.16	40.01 1.28 10.54	39.95 1.15 9.01	34.62 0.75 12.73	34.43 0.88 10.61	39.80 1.26 4.90	40.27 1.31 4.54	44.62 1.50 3.70	53.61 1.82 3.23	64.22 3.36 -0.90	57.37 2.29 -1.72	47.19 1.61 1.88	47.47 1.30 -2.94	44.06 1.33 -3.53	42.06 2.03 -0.25
DELAWARE___LFGE 323621	42.07 1.03 0.00	40.39 0.95 0.00	38.50 0.87 0.00	38.51 0.90 0.00	38.41 0.90 0.00	41.39 1.01 0.00	53.97 1.47 0.00	55.33 1.56 0.00	50.58 1.43 0.00	49.58 1.40 0.00	50.65 1.38 0.00	49.15 1.34 0.00	47.86 1.26 0.00	45.30 1.15 0.00	44.56 1.13 0.00	44.64 1.13 0.00	48.08 1.26 0.00	56.57 1.54 0.00	61.82 1.86 0.00	54.96 1.60 0.00	48.92 1.47 0.00	44.53 1.30 0.00	40.30 1.10 0.00	40.86 1.07 0.00
DERFIELD_115KV_TB7 355931	41.12 0.08 0.00	39.48 0.04 0.00	37.67 0.04 0.00	37.64 0.04 0.00	37.55 0.04 0.00	40.43 0.04 0.00	52.61 0.11 0.00	53.88 0.11 0.00	49.25 0.10 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.24 0.09 0.00	43.56 0.13 0.00	43.60 0.09 0.00	46.91 0.09 0.00	55.14 0.11 0.00	60.14 0.18 0.00	53.52 0.16 0.00	47.59 0.14 0.00	43.36 0.13 0.00	39.32 0.12 0.00	39.91 0.12 0.00
DOGLEVILLE___HYD 23807	41.21 0.16 0.00	39.44 0.00 0.00	37.45 -0.19 0.00	37.31 -0.30 0.00	37.10 -0.41 0.00	39.94 -0.44 0.00	51.93 -0.58 0.00	53.34 -0.43 0.00	48.91 -0.24 0.00	48.14 -0.05 0.00	49.32 0.05 0.00	47.91 0.10 0.00	46.65 0.05 0.00	44.06 -0.09 0.00	43.22 -0.22 0.00	43.12 -0.39 0.00	46.26 -0.56 0.00	54.25 -0.77 0.00	59.18 -0.78 0.00	52.66 -0.70 0.00	46.83 -0.62 0.00	42.76 -0.47 0.00	38.81 -0.39 0.00	39.39 -0.40 0.00
DUNKIRK___115KV_TB_200 55889	40.30 -0.74 0.00	38.53 -0.91 0.00	36.88 -0.75 0.00	36.52 -1.09 0.00	36.58 -0.94 0.00	39.42 -0.97 0.00	51.24 -1.26 0.00	52.37 -1.40 0.00	47.19 -1.97 0.00	46.40 -1.78 0.00	47.01 -2.27 0.00	45.32 -2.49 0.00	43.95 -2.66 0.00	41.37 -2.78 0.00	40.39 -3.04 0.00	40.55 -2.96 0.00	43.45 -3.37 0.00	50.95 -4.07 0.00	55.53 -4.44 0.00	50.00 -3.36 0.00	44.89 -2.56 0.00	41.16 -2.08 0.00	37.12 -2.08 0.00	37.84 -1.95 0.00
DUNKIRK___1 23563	40.30 -0.74 0.00	38.53 -0.91 0.00	36.88 -0.75 0.00	36.52 -1.09 0.00	36.58 -0.94 0.00	39.42 -0.97 0.00	51.24 -1.26 0.00	52.37 -1.40 0.00	47.19 -1.97 0.00	46.40 -1.78 0.00	47.01 -2.27 0.00	45.32 -2.49 0.00	43.95 -2.66 0.00	41.37 -2.78 0.00	40.39 -3.04 0.00	40.55 -2.96 0.00	43.45 -3.37 0.00	50.95 -4.07 0.00	55.53 -4.44 0.00	50.00 -3.36 0.00	44.89 -2.56 0.00	41.16 -2.08 0.00	37.12 -2.08 0.00	37.84 -1.95 0.00
DUNKIRK___2 23564	40.30 -0.74 0.00	38.53 -0.91 0.00	36.88 -0.75 0.00	36.52 -1.09 0.00	36.58 -0.94 0.00	39.42 -0.97 0.00	51.24 -1.26 0.00	52.37 -1.40 0.00	47.19 -1.97 0.00	46.40 -1.78 0.00	47.01 -2.27 0.00	45.32 -2.49 0.00	43.95 -2.66 0.00	41.37 -2.78 0.00	40.39 -3.04 0.00	40.55 -2.96 0.00	43.45 -3.37 0.00	50.95 -4.07 0.00	55.53 -4.44 0.00	50.00 -3.36 0.00	44.89 -2.56 0.00	41.16 -2.08 0.00	37.12 -2.08 0.00	37.84 -1.95 0.00
DUNKIRK___3 23565	40.06 -0.99 0.00	38.30 -1.14 0.00	36.66 -0.98 0.00	36.33 -1.28 0.00	36.39 -1.13 0.00	39.17 -1.21 0.00	50.93 -1.58 0.00	52.05 -1.72 0.00	46.94 -2.21 0.00	46.16 -2.02 0.00	46.81 -2.46 0.00	45.13 -2.68 0.00	43.81 -2.80 0.00	41.24 -2.91 0.00	40.26 -3.17 0.00	40.46 -3.05 0.00	43.35 -3.46 0.00	50.79 -4.24 0.00	55.35 -4.62 0.00	49.84 -3.52 0.00	44.75 -2.70 0.00	41.03 -2.20 0.00	37.00 -2.20 0.00	37.72 -2.07 0.00
DUNKIRK___4 23566	40.06 -0.99 0.00	38.30 -1.14 0.00	36.66 -0.98 0.00	36.33 -1.28 0.00	36.39 -1.13 0.00	39.17 -1.21 0.00	50.93 -1.58 0.00	52.05 -1.72 0.00	46.94 -2.21 0.00	46.16 -2.02 0.00	46.81 -2.46 0.00	45.13 -2.68 0.00	43.81 -2.80 0.00	41.24 -2.91 0.00	40.26 -3.17 0.00	40.46 -3.05 0.00	43.35 -3.46 0.00	50.79 -4.24 0.00	55.35 -4.62 0.00	49.84 -3.52 0.00	44.75 -2.70 0.00	41.03 -2.20 0.00	37.00 -2.20 0.00	37.72 -2.07 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.44 1.40 0.00	40.82 1.38 0.00	38.88 1.24 0.00	38.89 1.28 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.55 2.05 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.40 2.22 0.00	51.49 2.22 0.00	50.06 2.25 0.00	48.61 2.00 0.00	46.10 1.94 0.00	45.52 2.08 0.00	45.60 2.09 0.00	49.20 2.39 0.00	57.83 2.81 0.00	63.20 3.24 0.00	56.13 2.77 0.00	49.97 2.51 0.00	45.35 2.12 0.00	41.16 1.96 0.00	41.70 1.91 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.27 1.23 0.00	40.66 1.22 0.00	38.73 1.09 0.00	38.74 1.13 0.00	38.64 1.13 0.00	41.68 1.29 0.00	54.24 1.73 0.00	55.65 1.88 0.00	51.02 1.87 0.00	49.92 1.73 0.00	50.95 1.68 0.00	49.53 1.72 0.00	48.14 1.54 0.00	45.61 1.46 0.00	45.04 1.61 0.00	45.16 1.65 0.00	48.74 1.92 0.00	57.45 2.42 0.00	62.72 2.76 0.00	55.71 2.35 0.00	49.54 2.09 0.00	45.01 1.77 0.00	40.85 1.65 0.00	41.42 1.63 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	42.93 1.89 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.34 1.73 0.00	39.24 1.73 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.81 2.04 0.00	51.32 2.16 0.00	50.35 2.17 0.00	51.44 2.17 0.00	50.01 2.20 0.00	48.61 2.00 0.00	46.10 1.94 0.00	45.56 2.13 0.00	45.60 2.09 0.00	49.16 2.34 0.00	57.78 2.75 0.00	62.96 3.00 0.00	55.92 2.56 0.00	49.87 2.42 0.00	45.35 2.12 0.00	41.32 2.12 -0.01	41.91 2.11 -0.01
E179THST_13_KV_LOAD 356214	43.09 2.05 0.00	41.42 1.97 -0.01	39.45 1.81 -0.01	39.45 1.84 0.00	39.39 1.88 0.00	42.16 1.78 0.00	54.66 2.15 0.00	56.08 2.31 0.00	51.56 2.41 0.00	50.60 2.41 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.84 2.24 0.00	46.32 2.16 0.00	45.78 2.35 0.00	45.82 2.31 0.00	49.39 2.57 0.00	58.05 3.03 0.00	63.26 3.30 0.00	56.24 2.88 0.00	50.11 2.66 0.00	45.57 2.33 0.00	41.52 2.31 -0.01	42.06 2.27 -0.01
EAST HAMPTON___GT 23717	43.55 2.50 0.00	41.61 2.17 0.00	39.10 1.47 0.00	38.43 0.83 0.00	37.89 0.38 0.00	41.64 1.25 0.00	61.37 2.73 -6.14	57.66 2.21 -1.68	47.16 1.18 3.18	41.31 1.30 8.17	39.33 0.64 10.58	39.36 0.58 9.03	34.07 0.23 12.76	33.87 0.35 10.64	39.30 0.78 4.92	39.76 0.82 4.57	43.94 0.84 3.72	52.50 0.71 3.24	63.15 2.28 -0.91	56.74 1.66 -1.73	46.60 1.04 1.89	46.83 0.65 -2.94	43.36 0.63 -3.54	41.71 1.67 -0.25
EAST RIVER___6 23660	42.48 1.44 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.85 1.24 0.00	38.83 1.31 0.00	41.88 1.50 0.00	54.61 2.10 0.00	56.13 2.36 0.00	51.56 2.41 0.00	50.59 2.41 0.00	51.64 2.37 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.73 2.30 0.00	45.73 2.22 0.00	49.34 2.53 0.00	57.94 2.91 0.00	62.96 3.00 0.00	56.29 2.93 0.00	50.20 2.75 0.00	45.40 2.16 0.00	41.28 2.08 0.00	41.82 2.03 0.00
EAST RIVER___7 23524	42.48 1.44 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.85 1.24 0.00	38.83 1.31 0.00	41.88 1.50 0.00	54.61 2.10 0.00	56.13 2.36 0.00	51.56 2.41 0.00	50.59 2.41 0.00	51.64 2.37 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.73 2.30 0.00	45.73 2.22 0.00	49.34 2.53 0.00	57.94 2.91 0.00	62.96 3.00 0.00	56.29 2.93 0.00	50.20 2.75 0.00	45.40 2.16 0.00	41.28 2.08 0.00	41.82 2.03 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.40 1.35 0.00	40.78 1.34 0.00	38.84 1.20 0.00	38.85 1.24 0.00	38.75 1.24 0.00	41.76 1.37 0.00	54.39 1.89 0.00	55.87 2.10 0.00	51.27 2.11 0.00	50.21 2.02 0.00	51.34 2.07 0.00	49.87 2.06 0.00	48.47 1.86 0.00	45.96 1.81 0.00	45.39 1.95 0.00	45.47 1.96 0.00	49.02 2.20 0.00	57.67 2.64 0.00	63.02 3.06 0.00	55.97 2.61 0.00	49.82 2.37 0.00	45.27 2.03 0.00	41.04 1.84 0.00	41.62 1.83 0.00
EAST_HAMPTON___DIESEL 23722	43.55 2.50 0.00	41.61 2.17 0.00	39.07 1.43 0.00	38.36 0.75 0.00	37.85 0.34 0.00	41.56 1.17 0.00	61.27 2.62 -6.14	57.55 2.09 -1.68	47.06 1.08 3.18	41.22 1.21 8.17	39.19 0.49 10.58	39.22 0.43 9.02	33.94 0.09 12.76	33.78 0.27 10.64	39.21 0.69 4.92	39.64 0.69 4.57	43.84 0.75 3.72	52.34 0.55 3.24	62.97 2.10 -0.91	56.58 1.49 -1.73	46.46 0.90 1.89	46.70 0.52 -2.94	43.25 0.51 -3.54	41.64 1.59 -0.25
EAST_POINT___SOLAR 323840	44.33 3.28 0.00	42.56 3.12 0.00	40.49 2.86 0.00	40.54 2.94 0.00	40.48 2.96 0.00	43.74 3.35 0.00	57.44 4.93 0.00	58.88 5.11 0.00	53.88 4.72 0.00	52.47 4.29 0.00	53.31 4.04 0.00	51.01 3.20 0.00	50.28 3.68 0.00	47.55 3.40 0.00	46.69 3.26 0.00	46.91 3.40 0.00	50.75 3.93 0.00	59.48 4.46 0.00	65.30 5.33 0.00	58.11 4.75 0.00	51.63 4.18 0.00	47.04 3.81 0.00	42.49 3.29 0.00	43.13 3.34 0.00
EAST_PULASKI___ESR 323781	41.33 0.29 0.00	39.64 0.20 0.00	37.79 0.15 0.00	37.87 0.27 0.00	37.70 0.19 0.00	40.63 0.24 0.00	52.98 0.47 0.00	54.42 0.65 0.00	49.70 0.54 0.00	48.77 0.58 0.00	50.06 0.79 0.00	48.39 0.58 0.00	47.21 0.60 0.00	44.73 0.57 0.00	43.87 0.43 0.00	43.95 0.44 0.00	47.24 0.42 0.00	55.58 0.55 0.00	60.68 0.72 0.00	54.00 0.64 0.00	47.97 0.52 0.00	43.76 0.52 0.00	39.51 0.31 0.00	40.03 0.24 0.00
EAST_RIVER___1 323558	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.89 1.28 0.00	38.86 1.35 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.19 2.42 0.00	51.56 2.41 0.00	50.59 2.41 0.00	51.64 2.37 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.73 2.30 0.00	45.77 2.26 0.00	49.34 2.53 0.00	57.94 2.91 0.00	63.02 3.06 0.00	56.34 2.99 0.00	50.20 2.75 0.00	45.44 2.20 0.00	41.31 2.12 0.00	41.86 2.07 0.00
EAST_RIVER___2 323559	42.48 1.44 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.85 1.24 0.00	38.83 1.31 0.00	41.88 1.50 0.00	54.61 2.10 0.00	56.13 2.36 0.00	51.56 2.41 0.00	50.59 2.41 0.00	51.64 2.37 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.73 2.30 0.00	45.73 2.22 0.00	49.34 2.53 0.00	57.94 2.91 0.00	62.96 3.00 0.00	56.29 2.93 0.00	50.20 2.75 0.00	45.40 2.16 0.00	41.28 2.08 0.00	41.82 2.03 0.00
EAST___DELAWARE_HYD 23607	42.27 1.23 0.00	40.66 1.22 0.00	38.73 1.09 0.00	38.70 1.09 0.00	38.64 1.12 0.00	41.68 1.29 0.00	54.39 1.89 0.00	55.70 1.93 0.00	50.98 1.82 0.00	49.92 1.73 0.00	50.85 1.58 0.00	49.44 1.63 0.00	48.00 1.40 0.00	45.48 1.32 0.00	44.91 1.48 0.00	45.03 1.52 0.00	48.74 1.92 0.00	57.44 2.42 0.00	62.60 2.64 0.00	55.76 2.40 0.00	49.59 2.14 0.00	44.88 1.64 0.00	40.81 1.61 0.00	41.34 1.55 0.00
EIGHT_POINT___WT_PWR 323820	40.88 -0.16 0.00	39.12 -0.32 0.00	37.15 -0.49 0.00	37.19 -0.41 0.00	36.84 -0.67 0.00	39.86 -0.53 0.00	51.98 -0.52 0.00	53.39 -0.37 0.00	48.52 -0.64 0.00	47.61 -0.58 0.00	48.48 -0.79 0.00	46.38 -1.43 0.00	44.97 -1.63 0.00	42.12 -2.03 0.00	40.91 -2.52 0.00	40.94 -2.57 0.00	44.05 -2.76 0.00	52.38 -2.64 0.00	57.45 -2.52 0.00	51.17 -2.19 0.00	45.79 -1.66 0.00	41.81 -1.43 0.00	37.63 -1.57 0.00	38.12 -1.67 0.00
ELBRIDGE_115KV_TB2 80188	40.18 -0.86 0.00	38.57 -0.87 0.00	36.85 -0.79 0.00	36.78 -0.83 0.00	36.73 -0.79 0.00	39.58 -0.81 0.00	51.51 -1.00 0.00	52.85 -0.91 0.00	48.32 -0.84 0.00	47.37 -0.82 0.00	48.44 -0.84 0.00	46.90 -0.91 0.00	45.67 -0.93 0.00	43.23 -0.93 0.00	42.43 -1.00 0.00	42.55 -0.96 0.00	45.79 -1.03 0.00	53.87 -1.16 0.00	58.76 -1.20 0.00	52.45 -0.91 0.00	46.64 -0.81 0.00	42.46 -0.78 0.00	38.45 -0.74 0.00	38.99 -0.80 0.00
ELEC_TRO_TEK 24086	43.05 2.01 0.00	41.33 1.89 0.00	39.29 1.66 0.00	39.22 1.62 0.00	39.13 1.61 0.00	42.40 2.02 0.00	61.42 2.78 -6.13	58.45 3.01 -1.67	52.01 2.85 0.00	51.72 2.84 -0.69	55.61 2.91 -3.43	51.09 2.87 -0.41	49.17 2.56 0.00	46.67 2.52 0.00	51.37 2.65 -5.28	54.07 2.65 -7.90	56.28 3.00 -6.47	58.55 3.52 0.00	64.88 4.02 -0.90	58.55 3.47 -1.72	55.40 3.13 -4.82	50.38 2.72 -4.42	45.24 2.51 -3.53	42.50 2.47 -0.25

ELLENBURG_WT_PWR 323604	42.40 1.35 0.00	40.82 1.38 0.00	38.99 1.35 0.00	38.89 1.28 0.00	38.68 1.16 0.00	41.56 1.17 0.00	53.71 1.21 0.00	54.95 1.18 0.00	49.89 0.74 0.00	49.05 0.87 0.00	50.26 0.99 0.00	48.91 1.10 0.00	47.91 1.30 0.00	45.52 1.37 0.00	44.65 1.21 0.00	44.77 1.26 0.00	47.99 1.17 0.00	56.18 1.16 0.00	60.50 0.54 0.00	53.63 0.27 0.00	47.55 0.10 0.00	43.28 0.04 0.00	39.08 -0.12 0.00	39.95 0.16 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.32 -1.72 0.00	37.59 -1.85 0.00	36.02 -1.62 0.00	35.69 -1.92 0.00	35.79 -1.73 0.00	38.49 -1.90 0.00	49.88 -2.63 0.00	50.97 -2.80 0.00	46.11 -3.05 0.00	45.49 -2.70 0.00	46.12 -3.15 0.00	44.51 -3.30 0.00	43.25 -3.36 0.00	40.71 -3.44 0.00	39.74 -3.69 0.00	39.90 -3.61 0.00	42.70 -4.12 0.00	49.91 -5.12 0.00	54.33 -5.64 0.00	49.04 -4.32 0.00	44.03 -3.42 0.00	40.42 -2.81 0.00	36.49 -2.70 0.00	37.24 -2.55 0.00
EMPIRE_CC_1 323656	41.82 0.78 0.00	40.23 0.79 0.00	38.39 0.75 0.00	38.32 0.71 0.00	38.34 0.82 0.00	41.27 0.89 0.00	53.55 1.05 0.00	54.63 0.86 0.00	50.19 1.03 0.00	48.95 0.77 0.00	50.06 0.79 0.00	48.67 0.86 0.00	47.40 0.79 0.00	44.90 0.75 0.00	44.35 0.91 0.00	44.43 0.92 0.00	47.85 1.03 0.00	56.23 1.21 0.00	61.40 1.44 0.00	54.64 1.28 0.00	48.54 1.09 0.00	44.36 1.12 0.00	40.37 1.17 0.00	40.98 1.19 0.00
EMPIRE_CC_2 323658	41.82 0.78 0.00	40.23 0.79 0.00	38.39 0.75 0.00	38.32 0.71 0.00	38.34 0.82 0.00	41.27 0.89 0.00	53.55 1.05 0.00	54.63 0.86 0.00	50.19 1.03 0.00	48.95 0.77 0.00	50.06 0.79 0.00	48.67 0.86 0.00	47.40 0.79 0.00	44.90 0.75 0.00	44.35 0.91 0.00	44.43 0.92 0.00	47.85 1.03 0.00	56.23 1.21 0.00	61.40 1.44 0.00	54.64 1.28 0.00	48.54 1.09 0.00	44.36 1.12 0.00	40.37 1.17 0.00	40.98 1.19 0.00
ENORWICH_115KV_TB1 80156	44.24 3.20 0.00	42.24 2.80 0.00	40.16 2.52 0.00	40.28 2.67 0.00	40.10 2.59 0.00	43.37 2.99 0.00	56.91 4.41 0.00	58.34 4.57 0.00	53.04 3.88 0.00	52.09 3.90 0.00	53.07 3.79 0.00	51.49 3.68 0.00	50.33 3.73 0.00	47.46 3.31 0.00	46.43 3.00 0.00	46.51 3.00 0.00	50.19 3.37 0.00	59.15 4.13 0.00	64.64 4.68 0.00	57.68 4.32 0.00	51.25 3.80 0.00	46.61 3.37 0.00	41.83 2.63 0.00	42.38 2.59 0.00
ERIE_ST_34_KV_TB1-2 80199	40.22 -0.82 0.00	38.45 -0.99 0.00	36.81 -0.83 0.00	36.48 -1.13 0.00	36.58 -0.94 0.00	39.33 -1.05 0.00	51.09 -1.42 0.00	52.37 -1.40 0.00	47.29 -1.87 0.00	46.60 -1.59 0.00	47.35 -1.92 0.00	45.66 -2.15 0.00	44.32 -2.28 0.00	41.77 -2.38 0.00	40.78 -2.65 0.00	40.94 -2.57 0.00	43.82 -3.00 0.00	51.34 -3.69 0.00	55.95 -4.02 0.00	50.42 -2.93 0.00	45.27 -2.18 0.00	41.51 -1.73 0.00	37.44 -1.76 0.00	38.08 -1.71 0.00
ERIE_WT_PWR 323693	39.57 -1.48 0.00	37.90 -1.54 0.00	36.17 -1.47 0.00	36.44 -1.17 0.00	36.09 -1.43 0.00	38.85 -1.53 0.00	50.35 -2.15 0.00	51.51 -2.26 0.00	46.55 -2.61 0.00	45.97 -2.22 0.00	46.96 -2.32 0.00	44.94 -2.87 0.00	43.62 -2.98 0.00	41.11 -3.05 0.00	40.09 -3.34 0.00	40.25 -3.26 0.00	43.03 -3.79 0.00	50.95 -4.07 0.00	56.00 -3.96 0.00	49.41 -3.95 0.00	44.32 -3.13 0.00	40.77 -2.46 0.00	36.77 -2.43 0.00	37.52 -2.27 0.00
ESPRGFLD_115KV_TB1 80157	43.18 2.13 0.00	41.41 1.97 0.00	39.44 1.81 0.00	39.45 1.84 0.00	39.39 1.88 0.00	42.57 2.18 0.00	55.76 3.26 0.00	57.32 3.55 0.00	52.40 3.24 0.00	51.32 3.13 0.00	52.33 3.05 0.00	50.58 2.77 0.00	49.26 2.66 0.00	46.58 2.43 0.00	45.74 2.30 0.00	45.86 2.35 0.00	49.44 2.62 0.00	58.11 3.08 0.00	63.56 3.60 0.00	56.56 3.20 0.00	50.25 2.80 0.00	45.74 2.51 0.00	41.32 2.12 0.00	41.86 2.07 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.49 0.45 0.00	39.80 0.35 0.00	37.97 0.34 0.00	37.95 0.34 0.00	37.85 0.34 0.00	40.83 0.44 0.00	53.29 0.79 0.00	54.68 0.91 0.00	49.99 0.84 0.00	48.91 0.72 0.00	49.91 0.64 0.00	48.34 0.53 0.00	47.12 0.51 0.00	44.55 0.40 0.00	43.69 0.26 0.00	43.82 0.30 0.00	47.24 0.42 0.00	55.69 0.66 0.00	60.74 0.78 0.00	54.27 0.91 0.00	48.21 0.76 0.00	43.84 0.61 0.00	39.59 0.39 0.00	40.15 0.36 0.00
ETNA____115KV_TB2 80207	41.49 0.45 0.00	39.80 0.35 0.00	37.97 0.34 0.00	37.95 0.34 0.00	37.85 0.34 0.00	40.83 0.44 0.00	53.29 0.79 0.00	54.68 0.91 0.00	49.99 0.84 0.00	48.91 0.72 0.00	49.91 0.64 0.00	48.34 0.53 0.00	47.12 0.51 0.00	44.55 0.40 0.00	43.69 0.26 0.00	43.82 0.30 0.00	47.24 0.42 0.00	55.69 0.66 0.00	60.74 0.78 0.00	54.27 0.91 0.00	48.21 0.76 0.00	43.84 0.61 0.00	39.59 0.39 0.00	40.15 0.36 0.00
EUCLID____115KV_TB2 356179	39.98 -1.07 0.00	38.38 -1.06 0.00	36.66 -0.98 0.00	36.63 -0.98 0.00	36.54 -0.98 0.00	39.38 -1.01 0.00	51.24 -1.26 0.00	52.53 -1.24 0.00	48.07 -1.08 0.00	47.13 -1.06 0.00	48.19 -1.08 0.00	46.66 -1.15 0.00	45.49 -1.12 0.00	43.05 -1.10 0.00	42.26 -1.17 0.00	42.34 -1.17 0.00	45.55 -1.26 0.00	53.59 -1.43 0.00	58.46 -1.50 0.00	52.13 -1.23 0.00	46.36 -1.09 0.00	42.24 -0.99 0.00	38.26 -0.94 0.00	38.79 -0.99 0.00
E_CANADA_CAP_HY 24051	43.79 2.75 0.00	42.04 2.60 0.00	40.05 2.41 0.00	40.05 2.44 0.00	39.99 2.48 0.00	43.17 2.78 0.00	56.60 4.10 0.00	58.29 4.52 0.00	53.33 4.18 0.00	52.09 3.90 0.00	53.07 3.79 0.00	51.16 3.35 0.00	49.82 3.21 0.00	47.11 2.96 0.00	46.30 2.87 0.00	46.43 2.92 0.00	50.14 3.32 0.00	58.77 3.74 0.00	64.40 4.44 0.00	57.25 3.89 0.00	50.91 3.46 0.00	46.48 3.24 0.00	41.98 2.78 0.00	42.61 2.83 0.00
E_CANADA_MHWK_HY 24050	41.21 0.16 0.00	39.44 0.00 0.00	37.45 -0.19 0.00	37.31 -0.30 0.00	37.10 -0.41 0.00	39.94 -0.44 0.00	51.93 -0.58 0.00	53.34 -0.43 0.00	48.91 -0.24 0.00	48.14 -0.05 0.00	49.32 0.05 0.00	47.91 0.10 0.00	46.65 0.05 0.00	44.06 -0.09 0.00	43.22 -0.22 0.00	43.12 -0.39 0.00	46.26 -0.56 0.00	54.25 -0.77 0.00	59.18 -0.78 0.00	52.66 -0.70 0.00	46.83 -0.62 0.00	42.76 -0.47 0.00	38.81 -0.39 0.00	39.39 -0.40 0.00
E_FISHKILL____LBMP 23776	42.15 1.11 0.00	40.58 1.14 0.00	38.65 1.02 0.00	38.70 1.09 0.00	38.60 1.09 0.00	41.56 1.17 0.00	54.13 1.63 0.00	55.49 1.72 0.00	50.93 1.77 0.00	49.82 1.64 0.00	50.95 1.68 0.00	49.48 1.67 0.00	48.10 1.49 0.00	45.61 1.46 0.00	45.04 1.61 0.00	45.12 1.61 0.00	48.64 1.83 0.00	57.34 2.31 0.00	62.66 2.70 0.00	55.60 2.24 0.00	49.49 2.04 0.00	45.01 1.77 0.00	40.85 1.65 0.00	41.42 1.63 0.00
FALCON____SEABRD_CC1 323796	43.59 2.55 0.00	42.00 2.56 0.00	40.16 2.52 0.00	40.02 2.41 0.00	39.76 2.25 0.00	42.73 2.34 0.00	54.76 2.26 0.00	55.97 2.21 0.00	50.63 1.47 0.00	49.83 1.64 0.00	51.00 1.72 0.00	49.72 1.91 0.00	48.84 2.24 0.00	46.45 2.29 0.00	45.56 2.13 0.00	45.69 2.17 0.00	48.87 2.06 0.00	57.17 2.14 0.00	61.22 1.26 0.00	54.05 0.69 0.00	47.88 0.43 0.00	43.50 0.26 0.00	39.20 0.00 0.00	40.46 0.68 0.00

FALCON___SEABRD_CC2 323797	43.59 2.55 0.00	42.00 2.56 0.00	40.16 2.52 0.00	40.02 2.41 0.00	39.76 2.25 0.00	42.73 2.34 0.00	54.76 2.26 0.00	55.97 2.21 0.00	50.63 1.47 0.00	49.83 1.64 0.00	51.00 1.72 0.00	49.72 1.91 0.00	48.84 2.24 0.00	46.45 2.29 0.00	45.56 2.13 0.00	45.69 2.17 0.00	48.87 2.06 0.00	57.17 2.14 0.00	61.22 1.26 0.00	54.05 0.69 0.00	47.88 0.43 0.00	43.50 0.26 0.00	39.20 0.00 0.00	40.46 0.68 0.00
FAR ROCKAWAY___4 23548	43.55 2.50 0.00	41.81 2.37 0.00	39.71 2.07 0.00	39.68 2.07 0.00	39.54 2.03 0.00	42.85 2.46 0.00	62.10 3.47 -6.13	59.15 3.71 -1.67	52.65 3.49 0.00	52.39 3.52 -0.69	56.35 3.65 -3.43	51.81 3.59 -0.41	49.82 3.22 0.00	47.29 3.13 0.00	51.98 3.26 -5.28	54.68 3.26 -7.90	56.89 3.60 -6.47	59.32 4.29 0.00	65.84 4.98 -0.90	59.29 4.22 -1.72	56.07 3.80 -4.82	50.98 3.33 -4.42	45.75 3.02 -3.53	43.02 2.98 -0.25
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.81 1.76 0.00	40.94 1.50 0.00	38.99 1.35 0.00	39.00 1.39 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.60 2.10 0.00	56.19 2.42 0.00	51.56 2.41 0.00	50.55 2.36 0.00	51.69 2.41 0.00	50.20 2.39 0.00	48.75 2.14 0.00	46.23 2.08 0.00	45.69 2.26 0.00	45.73 2.22 0.00	49.30 2.48 0.00	58.00 2.97 0.00	63.38 3.42 0.00	56.24 2.88 0.00	50.06 2.61 0.00	45.48 2.25 0.00	41.28 2.08 0.00	41.82 2.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.56 1.52 0.00	40.94 1.50 0.00	39.03 1.39 0.00	39.00 1.39 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.19 2.42 0.00	51.56 2.41 0.00	50.60 2.41 0.00	51.69 2.41 0.00	50.20 2.39 0.00	48.75 2.14 0.00	46.23 2.08 0.00	45.69 2.26 0.00	45.73 2.22 0.00	49.30 2.48 0.00	58.00 2.97 0.00	63.38 3.42 0.00	56.24 2.88 0.00	50.11 2.66 0.00	45.48 2.25 0.00	41.28 2.08 0.00	41.86 2.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.60 2.10 0.00	56.13 2.37 0.00	51.56 2.41 0.00	50.55 2.36 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.75 2.14 0.00	46.23 2.08 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.30 2.48 0.00	58.00 2.97 0.00	63.32 3.36 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
FARRAGUT___LBMP 323566	42.48 1.44 0.00	40.90 1.46 0.00	38.95 1.32 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.13 2.77 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.20 2.00 0.00	41.78 1.99 0.00
FENNER___WINDPWR 24204	41.74 0.70 0.00	40.03 0.59 0.00	38.16 0.53 0.00	38.25 0.64 0.00	38.11 0.60 0.00	41.11 0.73 0.00	53.61 1.10 0.00	55.01 1.24 0.00	50.19 1.03 0.00	49.24 1.06 0.00	50.41 1.13 0.00	48.77 0.96 0.00	47.54 0.93 0.00	44.99 0.84 0.00	44.22 0.78 0.00	44.29 0.78 0.00	47.61 0.80 0.00	56.02 0.99 0.00	61.16 1.20 0.00	54.42 1.07 0.00	48.35 0.90 0.00	44.05 0.82 0.00	39.79 0.59 0.00	40.35 0.56 0.00
FIBERTEK___ENERGY 23856	40.55 -0.49 0.00	38.93 -0.51 0.00	37.18 -0.45 0.00	37.12 -0.49 0.00	37.06 -0.45 0.00	39.94 -0.44 0.00	52.03 -0.47 0.00	53.34 -0.43 0.00	48.81 -0.34 0.00	47.90 -0.29 0.00	48.98 -0.30 0.00	47.43 -0.38 0.00	46.23 -0.37 0.00	43.76 -0.40 0.00	42.91 -0.52 0.00	42.99 -0.52 0.00	46.25 -0.56 0.00	54.47 -0.55 0.00	59.42 -0.54 0.00	53.04 -0.32 0.00	47.12 -0.33 0.00	42.89 -0.35 0.00	38.81 -0.39 0.00	39.35 -0.44 0.00
FITZPATRICK____ 23598	39.44 -1.60 0.00	37.86 -1.58 0.00	36.17 -1.47 0.00	36.18 -1.43 0.00	36.05 -1.46 0.00	38.85 -1.53 0.00	50.51 -2.00 0.00	51.78 -1.99 0.00	47.29 -1.87 0.00	46.40 -1.78 0.00	47.45 -1.82 0.00	45.99 -1.82 0.00	44.79 -1.82 0.00	42.43 -1.72 0.00	41.65 -1.78 0.00	41.77 -1.74 0.00	44.90 -1.92 0.00	52.82 -2.20 0.00	57.68 -2.28 0.00	51.28 -2.08 0.00	45.60 -1.85 0.00	41.59 -1.64 0.00	37.71 -1.49 0.00	38.24 -1.55 0.00
FLOWRFLD_69_KV_BK1 356044	43.42 2.38 0.00	41.65 2.21 0.00	39.48 1.84 0.00	39.37 1.77 0.00	39.24 1.73 0.00	42.81 2.42 0.00	62.21 3.57 -6.13	59.15 3.71 -1.67	52.19 3.15 0.11	51.74 3.18 -0.38	55.27 3.05 -2.94	50.61 2.73 -0.08	48.49 2.33 0.45	46.16 2.38 0.37	51.18 2.82 -4.93	53.85 2.87 -7.47	56.16 3.23 -6.11	58.76 3.85 0.11	65.36 4.50 -0.90	58.92 3.84 -1.72	55.40 3.37 -4.58	50.54 2.94 -4.37	45.43 2.70 -3.53	42.86 2.83 -0.25
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.60 1.56 0.00	41.02 1.58 0.00	39.07 1.43 0.00	39.07 1.47 0.00	38.98 1.46 0.00	42.00 1.62 0.00	54.76 2.26 0.00	56.13 2.37 0.00	51.47 2.31 0.00	50.35 2.17 0.00	51.44 2.17 0.00	49.96 2.15 0.00	48.51 1.91 0.00	45.96 1.81 0.00	45.39 1.95 0.00	45.51 2.00 0.00	49.20 2.39 0.00	58.00 2.97 0.00	63.38 3.42 0.00	56.24 2.88 0.00	50.01 2.56 0.00	45.35 2.12 0.00	41.20 2.00 0.00	41.74 1.95 0.00
FORT ORANGE____ 23900	41.82 0.78 0.00	40.23 0.79 0.00	38.46 0.83 0.00	38.36 0.75 0.00	38.38 0.86 0.00	41.23 0.85 0.00	53.24 0.73 0.00	54.36 0.59 0.00	49.89 0.74 0.00	48.72 0.53 0.00	49.77 0.49 0.00	48.39 0.58 0.00	47.07 0.47 0.00	44.64 0.49 0.00	44.04 0.61 0.00	44.20 0.69 0.00	47.61 0.80 0.00	55.85 0.83 0.00	61.04 1.08 0.00	54.32 0.96 0.00	48.26 0.81 0.00	43.97 0.73 0.00	40.10 0.90 0.00	40.86 1.07 0.00
FORT_DRUM_COGEN 23780	42.81 1.76 0.00	40.94 1.50 0.00	38.95 1.32 0.00	39.04 1.43 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.81 2.31 0.00	56.30 2.53 0.00	51.12 1.97 0.00	50.26 2.07 0.00	51.49 2.22 0.00	49.82 2.01 0.00	48.70 2.10 0.00	46.27 2.12 0.00	45.39 1.95 0.00	45.51 2.00 0.00	48.92 2.11 0.00	57.39 2.37 0.00	62.48 2.52 0.00	55.71 2.35 0.00	49.49 2.04 0.00	45.09 1.86 0.00	40.57 1.37 0.00	41.06 1.27 0.00
FOX_HILLS___ESR 323835	58.39 1.68 -15.67	58.41 1.70 -17.27	45.01 1.58 -5.80	39.20 1.54 -0.06	39.14 1.58 -0.06	42.14 1.70 -0.06	64.41 2.10 -9.81	64.37 2.42 -8.18	69.87 2.56 -18.16	59.81 2.51 -9.12	59.87 2.51 -8.08	59.81 2.53 -9.47	59.89 2.33 -10.96	59.89 2.30 -13.44	59.85 2.43 -13.99	59.89 2.44 -13.94	59.94 2.72 -10.41	62.17 3.19 -3.95	263.44 3.54 -199.94	200.49 3.04 -144.09	192.67 2.80 -142.42	60.84 2.51 -15.10	59.52 2.43 -17.89	60.04 2.43 -17.82
FPL FAR_ROCK_GT1 24212	43.51 2.46 0.00	41.77 2.33 0.00	39.70 2.07 0.00	39.60 1.99 0.00	39.54 2.02 0.00	42.85 2.46 0.00	62.11 3.46 -6.14	59.16 3.71 -1.68	52.65 3.49 0.00	52.40 3.52 -0.70	56.31 3.60 -3.44	51.82 3.59 -0.42	49.87 3.26 -0.01	47.29 3.14 -0.01	52.03 3.30 -5.30	54.69 3.26 -7.92	56.95 3.65 -6.48	59.16 4.13 -0.01	65.56 4.68 -0.92	59.36 4.27 -1.73	56.18 3.89 -4.83	50.95 3.28 -4.43	45.76 3.02 -3.54	43.03 2.99 -0.25

FPL FAR_ROCK_GT2 23815	43.51 2.46 0.00	41.77 2.33 0.00	39.70 2.07 0.00	39.60 1.99 0.00	39.54 2.02 0.00	42.85 2.46 0.00	62.11 3.46 -6.14	59.16 3.71 -1.68	52.65 3.49 0.00	52.40 3.52 -0.70	56.31 3.60 -3.44	51.82 3.59 -0.42	49.87 3.26 -0.01	47.29 3.14 -0.01	52.03 3.30 -5.30	54.69 3.26 -7.92	56.95 3.65 -6.48	59.16 4.13 -0.01	65.56 4.68 -0.92	59.36 4.27 -1.73	56.18 3.89 -4.83	50.95 3.28 -4.43	45.76 3.02 -3.54	43.03 2.99 -0.25
FRANKLIN_FALL_HYD 24054	43.26 2.22 0.00	41.61 2.17 0.00	39.74 2.11 0.00	39.64 2.03 0.00	39.39 1.88 0.00	42.32 1.94 0.00	54.97 2.47 0.00	56.24 2.47 0.00	50.88 1.72 0.00	50.07 1.88 0.00	51.24 1.97 0.00	49.82 2.01 0.00	48.89 2.28 0.00	46.49 2.34 0.00	45.56 2.13 0.00	45.73 2.22 0.00	48.92 2.11 0.00	57.28 2.26 0.00	61.70 1.74 0.00	54.75 1.39 0.00	48.64 1.19 0.00	44.32 1.08 0.00	40.02 0.82 0.00	40.78 0.99 0.00
FREEPORT_EQUS_GT1 23764	43.30 2.26 0.00	41.57 2.13 0.00	39.52 1.88 0.00	39.38 1.77 0.00	39.31 1.80 0.00	42.69 2.30 0.00	61.74 3.10 -6.14	58.79 3.33 -1.68	52.25 3.10 0.00	52.01 3.13 -0.70	55.87 3.16 -3.44	51.38 3.15 -0.42	49.45 2.84 0.00	46.94 2.78 0.00	51.68 2.95 -5.29	54.34 2.92 -7.91	56.62 3.32 -6.48	58.71 3.69 0.00	65.07 4.20 -0.91	58.98 3.89 -1.73	55.84 3.56 -4.83	50.65 2.98 -4.43	45.56 2.82 -3.54	42.83 2.78 -0.25
FREEPORT___CT2 23818	43.30 2.26 0.00	41.57 2.13 0.00	39.52 1.88 0.00	39.38 1.77 0.00	39.31 1.80 0.00	42.69 2.30 0.00	61.74 3.10 -6.14	58.79 3.33 -1.68	52.25 3.10 0.00	52.01 3.13 -0.70	55.87 3.16 -3.44	51.38 3.15 -0.42	49.45 2.84 0.00	46.94 2.78 0.00	51.68 2.95 -5.29	54.34 2.92 -7.91	56.62 3.32 -6.48	58.71 3.69 0.00	65.07 4.20 -0.91	58.98 3.89 -1.73	55.84 3.56 -4.83	50.65 2.98 -4.43	45.56 2.82 -3.54	42.83 2.78 -0.25
FRESHKLS_33_KV_LOAD 356253	58.27 1.56 -15.67	58.29 1.58 -17.27	44.90 1.47 -5.80	39.09 1.43 -0.06	39.03 1.46 -0.06	42.06 1.62 -0.06	64.25 1.94 -9.81	64.21 2.26 -8.18	69.72 2.41 -18.16	59.67 2.36 -9.12	59.67 2.32 -8.08	59.62 2.34 -9.47	59.75 2.19 -10.96	59.76 2.16 -13.44	59.77 2.35 -13.99	59.80 2.35 -13.94	59.85 2.62 -10.41	62.06 3.08 -3.95	263.26 3.36 -199.94	200.38 2.93 -144.09	192.58 2.70 -142.42	60.71 2.38 -15.10	59.44 2.35 -17.89	59.96 2.35 -17.82
FULTON COGEN____ 23766	40.80 -0.25 0.00	39.16 -0.28 0.00	37.37 -0.26 0.00	37.34 -0.26 0.00	37.25 -0.26 0.00	40.18 -0.20 0.00	52.40 -0.11 0.00	53.77 0.00 0.00	49.21 0.05 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.81 0.00 0.00	46.65 0.00 0.00	44.15 0.00 0.00	43.26 -0.17 0.00	43.34 -0.17 0.00	46.63 -0.19 0.00	54.92 -0.11 0.00	59.90 -0.06 0.00	53.46 0.11 0.00	47.45 0.00 0.00	43.23 0.00 0.00	39.08 -0.12 0.00	39.59 -0.20 0.00
FULTON___LFGE 323630	43.79 2.75 0.00	42.08 2.64 0.00	40.05 2.41 0.00	40.05 2.44 0.00	39.99 2.48 0.00	43.17 2.78 0.00	56.60 4.10 0.00	57.97 4.20 0.00	53.14 3.98 0.00	51.90 3.71 0.00	52.87 3.60 0.00	51.11 3.30 0.00	49.82 3.21 0.00	47.11 2.96 0.00	46.30 2.87 0.00	46.47 2.96 0.00	50.14 3.32 0.00	58.77 3.74 0.00	64.46 4.50 0.00	57.36 4.00 0.00	51.01 3.56 0.00	46.43 3.20 0.00	42.02 2.82 0.00	42.66 2.87 0.00
G.F.CEMENT___DRP 24184	43.30 2.26 0.00	41.61 2.17 0.00	39.59 1.96 0.00	39.68 2.07 0.00	39.61 2.10 0.00	42.81 2.42 0.00	56.02 3.52 0.00	57.05 3.28 0.00	52.60 3.44 0.00	51.41 3.23 0.00	52.48 3.20 0.00	50.97 3.16 0.00	49.54 2.94 0.00	46.93 2.78 0.00	46.17 2.74 0.00	46.30 2.78 0.00	49.72 2.90 0.00	58.22 3.19 0.00	63.92 3.96 0.00	56.77 3.41 0.00	50.39 2.94 0.00	46.00 2.77 0.00	42.77 3.57 0.00	43.49 3.70 0.00
GARDENVILLE___LBMP 24039	39.57 -1.48 0.00	37.82 -1.62 0.00	36.21 -1.43 0.00	35.88 -1.73 0.00	35.97 -1.54 0.00	38.69 -1.70 0.00	50.19 -2.31 0.00	51.30 -2.47 0.00	46.35 -2.80 0.00	45.73 -2.46 0.00	46.37 -2.91 0.00	44.75 -3.06 0.00	43.43 -3.17 0.00	40.93 -3.22 0.00	39.96 -3.47 0.00	40.07 -3.44 0.00	42.93 -3.89 0.00	50.24 -4.79 0.00	54.69 -5.28 0.00	49.30 -4.06 0.00	44.32 -3.13 0.00	40.64 -2.59 0.00	36.69 -2.51 0.00	37.40 -2.39 0.00
GARDNVLA_35_KV_LD 355827	39.73 -1.31 0.00	37.98 -1.46 0.00	36.36 -1.28 0.00	36.07 -1.54 0.00	36.13 -1.39 0.00	38.85 -1.53 0.00	50.40 -2.10 0.00	51.56 -2.20 0.00	46.60 -2.56 0.00	45.92 -2.26 0.00	46.61 -2.66 0.00	44.99 -2.82 0.00	43.67 -2.94 0.00	41.15 -3.00 0.00	40.18 -3.26 0.00	40.29 -3.22 0.00	43.12 -3.70 0.00	50.46 -4.57 0.00	54.93 -5.04 0.00	49.57 -3.79 0.00	44.56 -2.89 0.00	40.86 -2.38 0.00	36.85 -2.35 0.00	37.56 -2.23 0.00
GELCKHM___115KV_LOAD 80723	40.18 -0.86 0.00	38.57 -0.87 0.00	36.85 -0.79 0.00	36.82 -0.79 0.00	36.73 -0.79 0.00	39.58 -0.81 0.00	51.56 -0.95 0.00	52.85 -0.91 0.00	48.32 -0.84 0.00	47.41 -0.77 0.00	48.48 -0.79 0.00	46.95 -0.86 0.00	45.76 -0.84 0.00	43.31 -0.84 0.00	42.52 -0.91 0.00	42.60 -0.91 0.00	45.83 -0.98 0.00	53.92 -1.10 0.00	58.82 -1.14 0.00	52.45 -0.91 0.00	46.64 -0.81 0.00	42.50 -0.73 0.00	38.45 -0.74 0.00	38.99 -0.80 0.00
GENERAL___MILLS 23808	39.69 -1.35 0.00	37.94 -1.50 0.00	36.32 -1.32 0.00	35.99 -1.62 0.00	36.09 -1.43 0.00	38.81 -1.58 0.00	50.35 -2.15 0.00	51.46 -2.31 0.00	46.50 -2.65 0.00	45.87 -2.31 0.00	46.51 -2.76 0.00	44.89 -2.92 0.00	43.62 -2.98 0.00	41.06 -3.09 0.00	40.09 -3.34 0.00	40.20 -3.31 0.00	43.07 -3.75 0.00	50.35 -4.68 0.00	54.87 -5.10 0.00	49.46 -3.90 0.00	44.46 -2.99 0.00	40.77 -2.46 0.00	36.81 -2.39 0.00	37.52 -2.27 0.00
GE_PLASTICS___DRP 24183	41.66 0.62 0.00	40.07 0.63 0.00	38.28 0.64 0.00	38.28 0.68 0.00	38.23 0.71 0.00	41.07 0.69 0.00	53.19 0.68 0.00	54.36 0.59 0.00	49.84 0.69 0.00	48.76 0.58 0.00	49.86 0.59 0.00	48.38 0.57 0.00	47.12 0.51 0.00	44.68 0.53 0.00	44.04 0.61 0.00	44.16 0.65 0.00	47.57 0.75 0.00	55.91 0.88 0.00	61.04 1.08 0.00	54.27 0.91 0.00	48.21 0.76 0.00	43.97 0.73 0.00	40.02 0.82 0.00	40.70 0.92 0.00
GILBOA___1 23756	41.70 0.65 0.00	40.07 0.63 0.00	38.24 0.60 0.00	38.21 0.60 0.00	38.15 0.64 0.00	41.11 0.73 0.00	53.45 0.95 0.00	54.74 0.97 0.00	50.14 0.98 0.00	49.05 0.87 0.00	50.16 0.89 0.00	48.67 0.86 0.00	47.40 0.79 0.00	44.90 0.75 0.00	44.26 0.82 0.00	44.34 0.82 0.00	47.80 0.98 0.00	56.18 1.16 0.00	61.28 1.32 0.00	54.59 1.23 0.00	48.54 1.09 0.00	44.18 0.95 0.00	40.14 0.94 0.00	40.70 0.92 0.00
GILBOA___2 23757	41.70 0.65 0.00	40.07 0.63 0.00	38.24 0.60 0.00	38.21 0.60 0.00	38.15 0.64 0.00	41.11 0.73 0.00	53.45 0.95 0.00	54.74 0.97 0.00	50.14 0.98 0.00	49.05 0.87 0.00	50.16 0.89 0.00	48.67 0.86 0.00	47.40 0.79 0.00	44.90 0.75 0.00	44.26 0.82 0.00	44.34 0.82 0.00	47.80 0.98 0.00	56.18 1.16 0.00	61.28 1.32 0.00	54.59 1.23 0.00	48.54 1.09 0.00	44.18 0.95 0.00	40.14 0.94 0.00	40.70 0.92 0.00

GILBOA___3 23758	41.70 0.65 0.00	40.07 0.63 0.00	38.24 0.60 0.00	38.21 0.60 0.00	38.15 0.64 0.00	41.11 0.73 0.00	53.45 0.95 0.00	54.74 0.97 0.00	50.14 0.98 0.00	49.05 0.87 0.00	50.16 0.89 0.00	48.67 0.86 0.00	47.40 0.79 0.00	44.90 0.75 0.00	44.26 0.82 0.00	44.34 0.82 0.00	47.80 0.98 0.00	56.18 1.16 0.00	61.28 1.32 0.00	54.59 1.23 0.00	48.54 1.09 0.00	44.18 0.95 0.00	40.14 0.94 0.00	40.70 0.92 0.00
GILBOA___4 23759	41.70 0.65 0.00	40.07 0.63 0.00	38.24 0.60 0.00	38.21 0.60 0.00	38.15 0.64 0.00	41.11 0.73 0.00	53.45 0.95 0.00	54.74 0.97 0.00	50.14 0.98 0.00	49.05 0.87 0.00	50.16 0.89 0.00	48.67 0.86 0.00	47.40 0.79 0.00	44.90 0.75 0.00	44.26 0.82 0.00	44.34 0.82 0.00	47.80 0.98 0.00	56.18 1.16 0.00	61.28 1.32 0.00	54.59 1.23 0.00	48.54 1.09 0.00	44.18 0.95 0.00	40.14 0.94 0.00	40.70 0.92 0.00
GILBOA___ 23599	41.70 0.66 0.00	40.07 0.63 0.00	38.24 0.60 0.00	38.25 0.64 0.00	38.15 0.64 0.00	41.11 0.73 0.00	53.45 0.95 0.00	54.74 0.97 0.00	50.14 0.98 0.00	49.05 0.87 0.00	50.16 0.89 0.00	48.72 0.91 0.00	47.40 0.79 0.00	44.90 0.75 0.00	44.26 0.83 0.00	44.34 0.83 0.00	47.80 0.98 0.00	56.24 1.21 0.00	61.40 1.44 0.00	54.59 1.23 0.00	48.54 1.09 0.00	44.23 0.99 0.00	40.14 0.94 0.00	40.70 0.92 0.00
GINNA___ 23603	37.88 -3.16 0.00	36.32 -3.12 0.00	34.70 -2.94 0.00	34.82 -2.78 0.00	34.63 -2.89 0.00	37.44 -2.95 0.00	48.62 -3.88 0.00	49.90 -3.87 0.00	45.37 -3.78 0.00	44.77 -3.42 0.00	45.82 -3.45 0.00	44.13 -3.68 0.00	42.92 -3.68 0.00	40.58 -3.57 0.00	39.70 -3.74 0.00	39.77 -3.74 0.00	42.60 -4.21 0.00	50.46 -4.57 0.00	55.35 -4.62 0.00	48.88 -4.48 0.00	43.51 -3.94 0.00	39.73 -3.50 0.00	35.99 -3.21 0.00	36.45 -3.34 0.00
GLEN PARK___ 23778	43.05 2.01 0.00	41.14 1.69 0.00	39.10 1.47 0.00	39.26 1.65 0.00	39.05 1.54 0.00	42.12 1.74 0.00	55.13 2.62 0.00	56.72 2.96 0.00	51.42 2.26 0.00	50.55 2.36 0.00	51.78 2.51 0.00	50.06 2.25 0.00	48.93 2.33 0.00	46.49 2.34 0.00	45.60 2.17 0.00	45.73 2.22 0.00	49.20 2.39 0.00	57.78 2.75 0.00	63.08 3.12 0.00	56.02 2.67 0.00	49.78 2.32 0.00	45.40 2.16 0.00	40.81 1.61 0.00	41.30 1.51 0.00
GLENDALE_27_KV_LOAD 356172	42.89 1.85 0.00	41.30 1.85 -0.01	39.34 1.69 -0.01	39.26 1.65 0.00	39.20 1.69 0.00	42.12 1.74 0.00	54.81 2.31 0.00	56.40 2.63 0.00	51.86 2.70 0.00	50.88 2.70 0.00	51.93 2.66 0.00	50.49 2.68 0.00	49.07 2.47 0.00	46.54 2.38 0.00	46.00 2.56 0.00	46.03 2.52 0.00	49.63 2.81 0.00	58.33 3.30 0.00	63.62 3.66 0.00	56.51 3.15 0.00	50.35 2.89 0.00	45.74 2.51 0.00	41.60 2.39 -0.01	42.18 2.39 -0.01
GLENWOOD_IC_1_G5 23712	43.26 2.22 0.00	41.53 2.09 0.00	39.48 1.84 0.00	39.41 1.81 0.00	39.31 1.80 0.00	42.61 2.22 0.00	61.68 3.05 -6.13	58.78 3.33 -1.67	52.30 3.15 0.00	52.05 3.18 -0.69	55.95 3.25 -3.43	51.42 3.20 -0.41	49.49 2.89 0.00	46.93 2.78 0.00	51.67 2.95 -5.28	54.37 2.96 -7.90	56.56 3.28 -6.47	58.88 3.85 0.00	64.82 3.96 -0.90	58.87 3.79 -1.72	55.69 3.42 -4.82	50.64 2.98 -4.42	45.47 2.74 -3.53	42.74 2.71 -0.25
GLENWOOD_IC_2_G1 23688	43.13 2.09 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.26 1.65 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.62 3.17 -1.68	52.15 3.00 0.00	51.92 3.04 -0.70	55.72 3.01 -3.44	51.29 3.06 -0.42	49.35 2.75 0.00	46.80 2.65 0.00	51.55 2.82 -5.29	54.21 2.79 -7.91	56.43 3.14 -6.48	58.55 3.52 0.00	64.72 3.84 -0.91	58.77 3.68 -1.73	55.65 3.37 -4.83	50.47 2.81 -4.43	45.37 2.63 -3.54	42.63 2.58 -0.25
GLENWOOD_IC_3_G1 23689	43.13 2.09 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.26 1.65 0.00	39.20 1.69 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.62 3.17 -1.68	52.15 3.00 0.00	51.92 3.04 -0.70	55.72 3.01 -3.44	51.29 3.06 -0.42	49.35 2.75 0.00	46.80 2.65 0.00	51.55 2.82 -5.29	54.21 2.79 -7.91	56.43 3.14 -6.48	58.55 3.52 0.00	64.72 3.84 -0.91	58.77 3.68 -1.73	55.65 3.37 -4.83	50.47 2.81 -4.43	45.37 2.63 -3.54	42.63 2.58 -0.25
GLENWOOD___4 23550	43.26 2.22 0.00	41.53 2.09 0.00	39.48 1.84 0.00	39.41 1.81 0.00	39.31 1.80 0.00	42.61 2.22 0.00	61.68 3.05 -6.13	58.78 3.33 -1.67	52.30 3.15 0.00	52.05 3.18 -0.69	55.95 3.25 -3.43	51.42 3.20 -0.41	49.49 2.89 0.00	46.93 2.78 0.00	51.67 2.95 -5.28	54.37 2.96 -7.90	56.56 3.28 -6.47	58.88 3.85 0.00	65.00 4.14 -0.90	58.87 3.79 -1.72	55.69 3.42 -4.82	50.64 2.98 -4.42	45.47 2.74 -3.53	42.74 2.71 -0.25
GLENWOOD___5 23614	43.26 2.22 0.00	41.53 2.09 0.00	39.48 1.84 0.00	39.41 1.81 0.00	39.31 1.80 0.00	42.61 2.22 0.00	61.68 3.05 -6.13	58.78 3.33 -1.67	52.30 3.15 0.00	52.05 3.18 -0.69	55.95 3.25 -3.43	51.42 3.20 -0.41	49.49 2.89 0.00	46.93 2.78 0.00	51.67 2.95 -5.28	54.37 2.96 -7.90	56.56 3.28 -6.47	58.88 3.85 0.00	65.00 4.14 -0.90	58.87 3.79 -1.72	55.69 3.42 -4.82	50.64 2.98 -4.42	45.47 2.74 -3.53	42.74 2.71 -0.25
GLOBAL GREEN_PORT_GT1 23814	43.51 2.46 0.00	41.57 2.13 0.00	39.14 1.51 0.00	38.58 0.98 0.00	38.15 0.64 0.00	41.96 1.57 0.00	61.80 3.15 -6.14	58.14 2.69 -1.68	47.54 1.57 3.19	41.66 1.69 8.21	39.77 1.13 10.63	39.80 1.05 9.06	34.53 0.74 12.82	34.31 0.84 10.68	39.73 1.26 4.96	40.15 1.26 4.62	44.46 1.40 3.76	53.15 1.38 3.25	63.81 2.94 -0.91	57.33 2.24 -1.73	47.15 1.61 1.92	47.34 1.17 -2.94	43.80 1.06 -3.54	42.03 1.99 -0.25
GLOBE___DSASP 323697	38.13 -2.91 0.00	36.48 -2.96 0.00	34.96 -2.67 0.00	34.67 -2.93 0.00	34.81 -2.70 0.00	37.36 -3.03 0.00	48.25 -4.25 0.00	49.25 -4.52 0.00	44.58 -4.57 0.00	44.04 -4.14 0.00	44.59 -4.68 0.00	43.08 -4.73 0.00	41.90 -4.71 0.00	39.47 -4.68 0.00	38.57 -4.86 0.00	38.64 -4.87 0.00	41.34 -5.48 0.00	48.26 -6.77 0.00	52.41 -7.56 0.00	47.38 -5.98 0.00	42.66 -4.79 0.00	39.21 -4.02 0.00	35.40 -3.80 0.00	36.21 -3.58 0.00
GOETHSLN___LBMP 323567	41.67 1.23 0.60	40.04 1.26 0.66	38.54 1.13 0.22	38.73 1.13 0.01	38.67 1.16 0.01	41.67 1.29 0.01	48.80 1.79 5.49	51.63 2.04 4.18	40.57 2.11 10.70	34.04 2.07 16.22	32.99 2.07 18.35	32.61 2.10 17.30	45.39 1.77 2.98	45.39 1.72 0.48	45.34 1.91 0.00	45.43 1.91 0.00	45.39 2.15 3.58	56.42 2.59 1.19	62.90 2.94 0.00	54.51 2.45 1.30	49.73 2.28 0.00	45.18 1.95 0.00	41.00 1.80 0.00	41.54 1.75 0.00
GOLAH___69_KV_TB 1_2 80279	39.69 -1.35 0.00	38.06 -1.38 0.00	36.43 -1.20 0.00	36.14 -1.47 0.00	36.20 -1.31 0.00	39.09 -1.29 0.00	50.61 -1.89 0.00	51.78 -1.99 0.00	46.99 -2.16 0.00	46.35 -1.83 0.00	47.11 -2.17 0.00	45.42 -2.39 0.00	44.18 -2.42 0.00	41.68 -2.47 0.00	40.83 -2.61 0.00	40.90 -2.61 0.00	43.82 -3.00 0.00	51.50 -3.52 0.00	56.12 -3.84 0.00	50.37 -2.99 0.00	44.98 -2.47 0.00	41.03 -2.20 0.00	37.12 -2.08 0.00	37.84 -1.95 0.00

GOODYEAR_LAKE_HYD 323669	42.52 1.48 0.00	40.78 1.34 0.00	38.88 1.24 0.00	38.89 1.28 0.00	38.83 1.31 0.00	41.88 1.49 0.00	54.71 2.21 0.00	56.13 2.37 0.00	51.27 2.11 0.00	50.31 2.12 0.00	51.39 2.12 0.00	49.77 1.96 0.00	48.47 1.86 0.00	45.87 1.72 0.00	45.08 1.65 0.00	45.16 1.65 0.00	48.69 1.87 0.00	57.23 2.20 0.00	62.54 2.58 0.00	55.65 2.29 0.00	49.49 2.04 0.00	45.05 1.82 0.00	40.69 1.49 0.00	41.26 1.47 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.96 -0.08 0.00	39.32 -0.12 0.00	37.52 -0.11 0.00	37.46 -0.15 0.00	37.40 -0.11 0.00	40.34 -0.04 0.00	52.50 0.00 0.00	53.77 0.00 0.00	49.06 -0.10 0.00	48.09 -0.10 0.00	49.08 -0.20 0.00	47.48 -0.33 0.00	46.23 -0.37 0.00	43.71 -0.44 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.53 -0.50 0.00	59.48 -0.48 0.00	53.09 -0.27 0.00	47.31 -0.14 0.00	43.11 -0.13 0.00	38.96 -0.24 0.00	39.55 -0.24 0.00
GOUDEY___7 23579	40.96 -0.08 0.00	39.32 -0.12 0.00	37.52 -0.11 0.00	37.46 -0.15 0.00	37.40 -0.11 0.00	40.34 -0.04 0.00	52.50 0.00 0.00	53.77 0.00 0.00	49.06 -0.10 0.00	48.09 -0.10 0.00	49.08 -0.20 0.00	47.48 -0.33 0.00	46.23 -0.37 0.00	43.71 -0.44 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.53 -0.50 0.00	59.48 -0.48 0.00	53.09 -0.27 0.00	47.31 -0.14 0.00	43.11 -0.13 0.00	38.96 -0.24 0.00	39.55 -0.24 0.00
GOUDEY___8 23580	40.96 -0.08 0.00	39.32 -0.12 0.00	37.52 -0.11 0.00	37.46 -0.15 0.00	37.40 -0.11 0.00	40.34 -0.04 0.00	52.50 0.00 0.00	53.77 0.00 0.00	49.06 -0.10 0.00	48.09 -0.10 0.00	49.08 -0.20 0.00	47.48 -0.33 0.00	46.23 -0.37 0.00	43.71 -0.44 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.53 -0.50 0.00	59.48 -0.48 0.00	53.09 -0.27 0.00	47.31 -0.14 0.00	43.11 -0.13 0.00	38.96 -0.24 0.00	39.55 -0.24 0.00
GOWANUS_GT1_1 24077	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT1_2 24078	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT1_3 24079	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT1_4 24080	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT1_5 24084	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT1_6 24111	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT1_7 24112	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT1_8 24113	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT2_1 24114	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT2_2 24115	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT2_3 24116	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82

GOWANUS_GT2_4 24117	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT2_5 24118	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT2_6 24119	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT2_7 24120	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT2_8 24121	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT3_1 24122	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT3_2 24123	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT3_3 24124	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT3_4 24125	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT3_5 24126	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT3_6 24127	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT3_7 24128	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT3_8 24129	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT4_1 24130	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT4_2 24131	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82

GOWANUS_GT4_3 24132	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT4_4 24133	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT4_5 24134	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT4_6 24135	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT4_7 24136	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GOWANUS_GT4_8 24137	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GREENBSH_115KV_TB3 55895	41.54 0.49 0.00	39.95 0.51 0.00	38.24 0.60 0.00	38.25 0.64 0.00	38.15 0.64 0.00	40.95 0.57 0.00	52.87 0.37 0.00	53.98 0.22 0.00	49.55 0.39 0.00	48.43 0.24 0.00	49.57 0.30 0.00	48.15 0.33 0.00	46.84 0.23 0.00	44.46 0.31 0.00	43.82 0.39 0.00	43.95 0.44 0.00	47.28 0.47 0.00	55.52 0.50 0.00	60.74 0.78 0.00	53.89 0.53 0.00	47.93 0.47 0.00	43.71 0.48 0.00	39.87 0.67 0.00	40.62 0.84 0.00
GREENDGE_115KV_TB5 80291	40.92 -0.12 0.00	39.20 -0.24 0.00	37.41 -0.23 0.00	37.31 -0.30 0.00	37.25 -0.26 0.00	40.26 -0.12 0.00	52.56 0.05 0.00	53.93 0.16 0.00	49.16 0.00 0.00	48.19 0.00 0.00	49.03 -0.25 0.00	47.33 -0.48 0.00	46.04 -0.56 0.00	43.45 -0.71 0.00	42.52 -0.91 0.00	42.64 -0.87 0.00	45.88 -0.94 0.00	54.20 -0.83 0.00	58.88 -1.08 0.00	53.04 -0.32 0.00	47.17 -0.28 0.00	42.93 -0.30 0.00	38.73 -0.47 0.00	39.27 -0.52 0.00
GREENIDGE___3 23582	40.92 -0.12 0.00	39.20 -0.24 0.00	37.41 -0.23 0.00	37.31 -0.30 0.00	37.25 -0.26 0.00	40.26 -0.12 0.00	52.56 0.05 0.00	53.93 0.16 0.00	49.16 0.00 0.00	48.19 0.00 0.00	49.03 -0.25 0.00	47.33 -0.48 0.00	46.04 -0.56 0.00	43.45 -0.71 0.00	42.52 -0.91 0.00	42.64 -0.87 0.00	45.88 -0.94 0.00	54.20 -0.83 0.00	58.88 -1.08 0.00	53.04 -0.32 0.00	47.17 -0.28 0.00	42.93 -0.30 0.00	38.73 -0.47 0.00	39.27 -0.52 0.00
GREENIDGE___4 23583	40.84 -0.20 0.00	39.17 -0.27 0.00	37.37 -0.26 0.00	37.46 -0.15 0.00	37.25 -0.26 0.00	40.26 -0.12 0.00	52.56 0.05 0.00	53.93 0.16 0.00	49.16 0.00 0.00	48.23 0.05 0.00	49.22 -0.05 0.00	47.33 -0.48 0.00	46.09 -0.51 0.00	43.44 -0.71 0.00	42.52 -0.91 0.00	42.64 -0.87 0.00	45.88 -0.94 0.00	54.42 -0.60 0.00	59.36 -0.60 0.00	52.99 -0.37 0.00	47.12 -0.33 0.00	42.93 -0.30 0.00	38.73 -0.47 0.00	39.27 -0.52 0.00
GREENLWN_69_KV_BK 3 55738	43.38 2.34 0.00	41.61 2.17 0.00	39.55 1.92 0.00	39.49 1.88 0.00	39.35 1.84 0.00	42.73 2.34 0.00	61.84 3.20 -6.13	58.88 3.44 -1.67	52.35 3.20 0.00	52.10 3.23 -0.69	55.95 3.25 -3.43	51.42 3.20 -0.41	49.45 2.84 0.00	46.93 2.78 0.00	51.71 3.00 -5.28	54.42 3.00 -7.90	56.66 3.37 -6.47	58.99 3.96 0.00	65.42 4.56 -0.90	58.97 3.90 -1.72	55.78 3.51 -4.82	50.72 3.07 -4.42	45.51 2.78 -3.53	42.82 2.79 -0.25
GREENWD_138_KV_38B11_REV_LBMP_J 345004	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
GRISSOM___SOLAR 323813	43.63 2.59 0.00	41.89 2.45 0.00	39.89 2.26 0.00	39.86 2.26 0.00	39.84 2.33 0.00	42.97 2.59 0.00	56.29 3.78 0.00	57.59 3.82 0.00	52.84 3.69 0.00	51.56 3.37 0.00	52.57 3.30 0.00	50.87 3.06 0.00	49.59 2.99 0.00	46.89 2.74 0.00	46.13 2.69 0.00	46.30 2.79 0.00	49.91 3.09 0.00	58.55 3.52 0.00	64.16 4.20 0.00	57.09 3.73 0.00	50.72 3.27 0.00	46.22 2.98 0.00	41.87 2.67 0.00	42.45 2.67 0.00
GROVEVILLE___HYD 323602	42.60 1.56 0.00	41.02 1.58 0.00	39.07 1.43 0.00	39.07 1.47 0.00	38.98 1.46 0.00	42.00 1.62 0.00	54.76 2.26 0.00	56.13 2.37 0.00	51.47 2.31 0.00	50.35 2.17 0.00	51.44 2.17 0.00	49.96 2.15 0.00	48.51 1.91 0.00	45.96 1.81 0.00	45.39 1.95 0.00	45.51 2.00 0.00	49.20 2.39 0.00	58.00 2.97 0.00	63.38 3.42 0.00	56.24 2.88 0.00	50.01 2.56 0.00	45.35 2.12 0.00	41.20 2.00 0.00	41.74 1.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.55 -0.49 0.00	38.93 -0.51 0.00	37.18 -0.45 0.00	37.12 -0.49 0.00	37.06 -0.45 0.00	39.94 -0.44 0.00	52.03 -0.47 0.00	53.34 -0.43 0.00	48.81 -0.34 0.00	47.90 -0.29 0.00	48.98 -0.30 0.00	47.43 -0.38 0.00	46.23 -0.37 0.00	43.76 -0.40 0.00	42.91 -0.52 0.00	42.99 -0.52 0.00	46.25 -0.56 0.00	54.47 -0.55 0.00	59.42 -0.54 0.00	53.04 -0.32 0.00	47.12 -0.33 0.00	42.89 -0.35 0.00	38.81 -0.39 0.00	39.35 -0.44 0.00

HAMLTNNY_34_KV_TB 80303	40.43 -0.62 0.00	38.81 -0.63 0.00	37.07 -0.56 0.00	37.01 -0.60 0.00	36.91 -0.60 0.00	39.82 -0.57 0.00	51.87 -0.63 0.00	53.18 -0.59 0.00	48.66 -0.49 0.00	47.70 -0.48 0.00	48.78 -0.49 0.00	47.24 -0.57 0.00	46.04 -0.56 0.00	43.53 -0.62 0.00	42.74 -0.69 0.00	42.81 -0.70 0.00	46.07 -0.75 0.00	54.31 -0.72 0.00	59.24 -0.72 0.00	52.88 -0.48 0.00	46.98 -0.47 0.00	42.76 -0.48 0.00	38.73 -0.47 0.00	39.23 -0.56 0.00
HAMPSHIRE___PAPER_HYD 323593	42.56 1.52 0.00	40.82 1.38 0.00	38.84 1.20 0.00	38.89 1.28 0.00	38.60 1.09 0.00	41.39 1.01 0.00	53.87 1.36 0.00	55.27 1.50 0.00	50.14 0.98 0.00	49.29 1.11 0.00	50.41 1.13 0.00	49.01 1.20 0.00	48.09 1.49 0.00	45.79 1.63 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.22 1.40 0.00	56.40 1.38 0.00	61.16 1.20 0.00	54.37 1.01 0.00	48.40 0.95 0.00	44.27 1.04 0.00	40.06 0.86 0.00	40.70 0.92 0.00
HARDSCRABBLE_WT_PWR 323673	41.21 0.16 0.00	39.40 -0.04 0.00	37.45 -0.19 0.00	37.31 -0.30 0.00	37.06 -0.45 0.00	39.86 -0.53 0.00	51.93 -0.58 0.00	53.34 -0.43 0.00	48.91 -0.24 0.00	48.14 -0.05 0.00	49.37 0.10 0.00	47.95 0.14 0.00	46.65 0.05 0.00	44.11 -0.04 0.00	43.22 -0.22 0.00	43.12 -0.39 0.00	46.21 -0.61 0.00	54.25 -0.77 0.00	59.18 -0.78 0.00	52.61 -0.75 0.00	46.79 -0.66 0.00	42.72 -0.52 0.00	38.77 -0.43 0.00	39.35 -0.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.27 1.23 0.00	40.70 1.26 0.00	38.76 1.13 0.00	38.77 1.17 0.00	38.68 1.16 0.00	41.68 1.29 0.00	54.24 1.73 0.00	55.65 1.88 0.00	51.02 1.87 0.00	49.92 1.73 0.00	51.00 1.72 0.00	49.53 1.72 0.00	48.14 1.54 0.00	45.65 1.50 0.00	45.08 1.65 0.00	45.16 1.65 0.00	48.78 1.97 0.00	57.50 2.48 0.00	62.78 2.82 0.00	55.76 2.40 0.00	49.59 2.14 0.00	45.05 1.82 0.00	40.88 1.69 0.00	41.46 1.67 0.00
HARSNRAD_115KV_TB1 81005	38.66 -2.38 0.00	37.00 -2.45 0.00	35.45 -2.18 0.00	35.13 -2.48 0.00	35.26 -2.25 0.00	37.92 -2.46 0.00	49.04 -3.47 0.00	50.11 -3.66 0.00	45.32 -3.83 0.00	44.76 -3.42 0.00	45.38 -3.89 0.00	43.79 -4.02 0.00	42.55 -4.05 0.00	40.09 -4.06 0.00	39.18 -4.26 0.00	39.25 -4.26 0.00	41.99 -4.82 0.00	49.08 -5.94 0.00	53.37 -6.60 0.00	48.18 -5.18 0.00	43.32 -4.13 0.00	39.78 -3.46 0.00	35.95 -3.25 0.00	36.69 -3.10 0.00
HARZA MOOSE___RIVER 24016	42.44 1.40 0.00	40.66 1.22 0.00	38.69 1.05 0.00	38.74 1.13 0.00	38.60 1.09 0.00	41.60 1.21 0.00	54.34 1.84 0.00	55.65 1.88 0.00	50.73 1.57 0.00	49.82 1.64 0.00	50.95 1.68 0.00	49.39 1.58 0.00	48.23 1.63 0.00	45.74 1.59 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.41 1.59 0.00	56.79 1.76 0.00	61.88 1.92 0.00	55.12 1.76 0.00	48.97 1.52 0.00	44.62 1.38 0.00	40.34 1.14 0.00	40.86 1.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.14 -0.90 0.00	38.53 -0.91 0.00	36.81 -0.83 0.00	36.74 -0.86 0.00	36.69 -0.83 0.00	39.54 -0.85 0.00	51.45 -1.05 0.00	52.80 -0.97 0.00	48.27 -0.88 0.00	47.37 -0.82 0.00	48.44 -0.84 0.00	46.90 -0.91 0.00	45.72 -0.89 0.00	43.23 -0.93 0.00	42.43 -1.00 0.00	42.51 -1.00 0.00	45.74 -1.08 0.00	53.81 -1.21 0.00	58.70 -1.26 0.00	52.40 -0.96 0.00	46.55 -0.90 0.00	42.41 -0.82 0.00	38.42 -0.78 0.00	38.95 -0.84 0.00
HELLGATE_13_KV_LD 55870	42.77 1.72 0.00	41.18 1.74 -0.01	39.22 1.58 -0.01	39.19 1.58 0.00	39.13 1.61 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.56 2.41 0.00	50.60 2.41 0.00	51.64 2.37 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.32 2.16 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	58.00 2.97 0.00	63.20 3.24 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.44 2.23 -0.01	42.02 2.23 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.77 1.72 0.00	41.18 1.74 -0.01	39.22 1.58 -0.01	39.19 1.58 0.00	39.13 1.61 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.56 2.41 0.00	50.60 2.41 0.00	51.64 2.37 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.32 2.16 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	58.00 2.97 0.00	63.20 3.24 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.44 2.23 -0.01	42.02 2.23 -0.01
HEMPSTEAD____ 23647	43.13 2.09 0.00	41.41 1.97 0.00	39.37 1.73 0.00	39.22 1.62 0.00	39.16 1.65 0.00	42.48 2.10 0.00	61.53 2.89 -6.14	58.51 3.06 -1.68	52.06 2.90 0.00	51.82 2.94 -0.70	55.67 2.96 -3.44	51.24 3.01 -0.42	49.26 2.66 0.00	46.76 2.60 0.00	51.51 2.78 -5.29	54.17 2.74 -7.91	56.38 3.09 -6.48	58.44 3.41 0.00	64.66 3.78 -0.91	58.72 3.63 -1.73	55.60 3.32 -4.83	50.43 2.77 -4.43	45.37 2.63 -3.54	42.63 2.58 -0.25
HEWLETT_69_KV_BK3 55828	43.34 2.30 0.00	41.65 2.21 0.00	39.55 1.92 0.00	39.53 1.92 0.00	39.39 1.88 0.00	42.69 2.30 0.00	61.84 3.20 -6.13	58.88 3.44 -1.67	52.40 3.24 0.00	52.15 3.28 -0.69	56.05 3.35 -3.43	51.57 3.35 -0.41	49.59 2.98 0.00	47.07 2.91 0.00	51.76 3.04 -5.28	54.46 3.05 -7.90	56.66 3.37 -6.47	59.04 4.02 0.00	65.48 4.62 -0.90	59.03 3.95 -1.72	55.83 3.56 -4.82	50.77 3.11 -4.42	45.55 2.82 -3.53	42.82 2.79 -0.25
HICKLING___1 23621	40.80 -0.25 0.00	39.09 -0.35 0.00	37.33 -0.30 0.00	37.19 -0.41 0.00	37.18 -0.34 0.00	40.10 -0.28 0.00	52.24 -0.26 0.00	53.50 -0.27 0.00	48.71 -0.44 0.00	47.70 -0.48 0.00	48.58 -0.69 0.00	46.85 -0.96 0.00	45.58 -1.03 0.00	42.96 -1.19 0.00	42.04 -1.39 0.00	42.16 -1.35 0.00	45.37 -1.45 0.00	53.59 -1.43 0.00	58.46 -1.50 0.00	52.40 -0.96 0.00	46.74 -0.71 0.00	42.63 -0.61 0.00	38.42 -0.78 0.00	39.03 -0.76 0.00
HICKLING___2 23622	40.80 -0.25 0.00	39.09 -0.35 0.00	37.33 -0.30 0.00	37.19 -0.41 0.00	37.18 -0.34 0.00	40.10 -0.28 0.00	52.24 -0.26 0.00	53.50 -0.27 0.00	48.71 -0.44 0.00	47.70 -0.48 0.00	48.58 -0.69 0.00	46.85 -0.96 0.00	45.58 -1.03 0.00	42.96 -1.19 0.00	42.04 -1.39 0.00	42.16 -1.35 0.00	45.37 -1.45 0.00	53.59 -1.43 0.00	58.46 -1.50 0.00	52.40 -0.96 0.00	46.74 -0.71 0.00	42.63 -0.61 0.00	38.42 -0.78 0.00	39.03 -0.76 0.00
HIGH FALLS___HY 23754	42.64 1.60 0.00	41.06 1.62 0.00	39.03 1.39 0.00	39.04 1.43 0.00	38.94 1.43 0.00	42.00 1.62 0.00	54.87 2.36 0.00	56.30 2.53 0.00	51.52 2.36 0.00	50.40 2.22 0.00	51.39 2.12 0.00	49.91 2.10 0.00	48.47 1.86 0.00	45.92 1.77 0.00	45.34 1.91 0.00	45.51 2.00 0.00	49.25 2.43 0.00	58.16 3.14 0.00	63.50 3.54 0.00	56.35 2.99 0.00	50.11 2.66 0.00	45.40 2.16 0.00	41.20 2.00 0.00	41.70 1.91 0.00
HIGH_RIVER___SOLAR 323847	42.60 1.56 0.00	40.94 1.50 0.00	39.03 1.39 0.00	39.00 1.39 0.00	38.94 1.43 0.00	41.96 1.57 0.00	54.76 2.26 0.00	55.86 2.09 0.00	51.17 2.02 0.00	50.02 1.83 0.00	51.10 1.82 0.00	49.48 1.67 0.00	48.37 1.77 0.00	45.83 1.68 0.00	45.08 1.65 0.00	45.21 1.70 0.00	48.74 1.92 0.00	57.23 2.20 0.00	62.60 2.64 0.00	55.70 2.35 0.00	49.49 2.04 0.00	45.13 1.90 0.00	40.92 1.72 0.00	41.54 1.75 0.00

HILLBURN___GT 23639	42.19 1.15 0.00	40.58 1.14 0.00	38.69 1.05 0.00	38.62 1.02 0.00	38.60 1.09 0.00	41.64 1.25 0.00	54.13 1.63 0.00	55.60 1.83 0.00	50.98 1.82 0.00	49.92 1.73 0.00	50.90 1.62 0.00	49.53 1.72 0.00	48.14 1.54 0.00	45.65 1.50 0.00	45.08 1.65 0.00	45.16 1.65 0.00	48.74 1.92 0.00	57.28 2.26 0.00	62.42 2.46 0.00	55.70 2.35 0.00	49.59 2.14 0.00	45.01 1.77 0.00	40.92 1.72 0.00	41.42 1.63 0.00
HILLSIDE_115KV_TB1 80332	40.30 -0.74 0.00	38.61 -0.83 0.00	36.88 -0.75 0.00	36.78 -0.83 0.00	36.76 -0.75 0.00	39.66 -0.73 0.00	51.61 -0.89 0.00	52.80 -0.97 0.00	48.03 -1.13 0.00	47.08 -1.11 0.00	47.89 -1.38 0.00	46.28 -1.53 0.00	45.02 -1.58 0.00	42.47 -1.68 0.00	41.61 -1.82 0.00	41.73 -1.78 0.00	44.94 -1.87 0.00	53.04 -1.98 0.00	57.86 -2.10 0.00	51.81 -1.55 0.00	46.17 -1.28 0.00	42.15 -1.08 0.00	38.02 -1.18 0.00	38.67 -1.11 0.00
HISHELDN_WT_PWR 323625	39.48 -1.56 0.00	37.82 -1.62 0.00	36.09 -1.54 0.00	36.29 -1.32 0.00	35.97 -1.54 0.00	38.73 -1.66 0.00	50.25 -2.26 0.00	51.40 -2.36 0.00	46.50 -2.66 0.00	45.87 -2.31 0.00	46.76 -2.51 0.00	44.80 -3.01 0.00	43.48 -3.12 0.00	40.89 -3.27 0.00	39.92 -3.52 0.00	40.07 -3.44 0.00	42.93 -3.89 0.00	50.84 -4.18 0.00	55.88 -4.08 0.00	49.41 -3.95 0.00	44.27 -3.18 0.00	40.68 -2.55 0.00	36.69 -2.51 0.00	37.36 -2.43 0.00
HOLTSVILLE_IC_1 23690	43.26 2.21 0.00	41.49 2.05 0.00	39.37 1.73 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.60 2.22 0.00	61.90 3.26 -6.14	58.89 3.44 -1.68	52.11 2.95 0.00	51.87 2.99 -0.70	55.52 2.81 -3.44	50.95 2.72 -0.42	48.98 2.38 0.00	46.54 2.38 0.00	51.46 2.74 -5.29	54.16 2.74 -7.91	56.38 3.09 -6.48	58.27 3.25 0.00	64.77 3.90 -0.91	58.77 3.68 -1.73	55.55 3.27 -4.83	50.43 2.77 -4.43	45.28 2.55 -3.54	42.71 2.67 -0.25
HOLTSVILLE_IC_10 23699	43.30 2.26 0.00	41.53 2.09 0.00	39.40 1.77 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.69 2.30 0.00	62.16 3.52 -6.14	59.05 3.60 -1.68	52.30 2.95 -0.19	52.46 3.04 -1.23	56.42 2.86 -4.29	51.48 2.68 -0.99	49.71 2.33 -0.77	47.14 2.34 -0.65	52.13 2.78 -5.91	54.97 2.79 -8.67	57.05 3.14 -7.10	58.58 3.36 -0.20	65.01 4.13 -0.91	58.88 3.79 -1.73	56.01 3.32 -5.23	50.52 2.77 -4.52	45.28 2.55 -3.54	42.79 2.74 -0.25
HOLTSVILLE_IC_2 23691	43.26 2.21 0.00	41.49 2.05 0.00	39.37 1.73 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.60 2.22 0.00	61.90 3.26 -6.14	58.89 3.44 -1.68	52.11 2.95 0.00	51.87 2.99 -0.70	55.52 2.81 -3.44	50.95 2.72 -0.42	48.98 2.38 0.00	46.54 2.38 0.00	51.46 2.74 -5.29	54.16 2.74 -7.91	56.38 3.09 -6.48	58.27 3.25 0.00	64.77 3.90 -0.91	58.77 3.68 -1.73	55.55 3.27 -4.83	50.43 2.77 -4.43	45.28 2.55 -3.54	42.71 2.67 -0.25
HOLTSVILLE_IC_3 23692	43.26 2.21 0.00	41.49 2.05 0.00	39.37 1.73 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.60 2.22 0.00	61.90 3.26 -6.14	58.89 3.44 -1.68	52.11 2.95 0.00	51.87 2.99 -0.70	55.52 2.81 -3.44	50.95 2.72 -0.42	48.98 2.38 0.00	46.54 2.38 0.00	51.46 2.74 -5.29	54.16 2.74 -7.91	56.38 3.09 -6.48	58.27 3.25 0.00	64.77 3.90 -0.91	58.77 3.68 -1.73	55.55 3.27 -4.83	50.43 2.77 -4.43	45.28 2.55 -3.54	42.71 2.67 -0.25
HOLTSVILLE_IC_4 23693	43.26 2.21 0.00	41.49 2.05 0.00	39.37 1.73 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.60 2.22 0.00	61.90 3.26 -6.14	58.89 3.44 -1.68	52.11 2.95 0.00	51.87 2.99 -0.70	55.52 2.81 -3.44	50.95 2.72 -0.42	48.98 2.38 0.00	46.54 2.38 0.00	51.46 2.74 -5.29	54.16 2.74 -7.91	56.38 3.09 -6.48	58.27 3.25 0.00	64.77 3.90 -0.91	58.77 3.68 -1.73	55.55 3.27 -4.83	50.43 2.77 -4.43	45.28 2.55 -3.54	42.71 2.67 -0.25
HOLTSVILLE_IC_5 23694	43.26 2.21 0.00	41.49 2.05 0.00	39.37 1.73 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.60 2.22 0.00	61.90 3.26 -6.14	58.89 3.44 -1.68	52.11 2.95 0.00	51.87 2.99 -0.70	55.52 2.81 -3.44	50.95 2.72 -0.42	48.98 2.38 0.00	46.54 2.38 0.00	51.46 2.74 -5.29	54.16 2.74 -7.91	56.38 3.09 -6.48	58.27 3.25 0.00	64.77 3.90 -0.91	58.77 3.68 -1.73	55.55 3.27 -4.83	50.43 2.77 -4.43	45.28 2.55 -3.54	42.71 2.67 -0.25
HOLTSVILLE_IC_6 23695	43.30 2.26 0.00	41.53 2.09 0.00	39.40 1.77 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.69 2.30 0.00	62.16 3.52 -6.14	59.05 3.60 -1.68	52.30 2.95 -0.19	52.46 3.04 -1.23	56.42 2.86 -4.29	51.48 2.68 -0.99	49.71 2.33 -0.77	47.14 2.34 -0.65	52.13 2.78 -5.91	54.97 2.79 -8.67	57.05 3.14 -7.10	58.58 3.36 -0.20	65.01 4.13 -0.91	58.88 3.79 -1.73	56.01 3.32 -5.23	50.52 2.77 -4.52	45.28 2.55 -3.54	42.79 2.74 -0.25
HOLTSVILLE_IC_7 23696	43.30 2.26 0.00	41.53 2.09 0.00	39.40 1.77 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.69 2.30 0.00	62.16 3.52 -6.14	59.05 3.60 -1.68	52.30 2.95 -0.19	52.46 3.04 -1.23	56.42 2.86 -4.29	51.48 2.68 -0.99	49.71 2.33 -0.77	47.14 2.34 -0.65	52.13 2.78 -5.91	54.97 2.79 -8.67	57.05 3.14 -7.10	58.58 3.36 -0.20	65.01 4.13 -0.91	58.88 3.79 -1.73	56.01 3.32 -5.23	50.52 2.77 -4.52	45.28 2.55 -3.54	42.79 2.74 -0.25
HOLTSVILLE_IC_8 23697	43.30 2.26 0.00	41.53 2.09 0.00	39.40 1.77 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.69 2.30 0.00	62.16 3.52 -6.14	59.05 3.60 -1.68	52.30 2.95 -0.19	52.46 3.04 -1.23	56.42 2.86 -4.29	51.48 2.68 -0.99	49.71 2.33 -0.77	47.14 2.34 -0.65	52.13 2.78 -5.91	54.97 2.79 -8.67	57.05 3.14 -7.10	58.58 3.36 -0.20	65.01 4.13 -0.91	58.88 3.79 -1.73	56.01 3.32 -5.23	50.52 2.77 -4.52	45.28 2.55 -3.54	42.79 2.74 -0.25
HOLTSVILLE_IC_9 23698	43.30 2.26 0.00	41.53 2.09 0.00	39.40 1.77 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.69 2.30 0.00	62.16 3.52 -6.14	59.05 3.60 -1.68	52.30 2.95 -0.19	52.46 3.04 -1.23	56.42 2.86 -4.29	51.48 2.68 -0.99	49.71 2.33 -0.77	47.14 2.34 -0.65	52.13 2.78 -5.91	54.97 2.79 -8.67	57.05 3.14 -7.10	58.58 3.36 -0.20	65.01 4.13 -0.91	58.88 3.79 -1.73	56.01 3.32 -5.23	50.52 2.77 -4.52	45.28 2.55 -3.54	42.79 2.74 -0.25
HOMER_HL_115KV_TB2 355744	40.63 -0.41 0.00	38.85 -0.59 0.00	37.18 -0.45 0.00	36.89 -0.71 0.00	36.95 -0.56 0.00	39.78 -0.61 0.00	51.82 -0.68 0.00	53.02 -0.75 0.00	47.83 -1.33 0.00	46.93 -1.25 0.00	47.65 -1.63 0.00	45.95 -1.86 0.00	44.60 -2.00 0.00	42.03 -2.12 0.00	41.00 -2.43 0.00	41.25 -2.26 0.00	44.24 -2.57 0.00	52.16 -2.86 0.00	56.90 -3.06 0.00	51.12 -2.24 0.00	45.79 -1.66 0.00	41.94 -1.30 0.00	37.79 -1.41 0.00	38.44 -1.35 0.00
HOWARD_WT_PWR 323690	40.92 -0.12 0.00	39.17 -0.27 0.00	37.19 -0.45 0.00	37.23 -0.38 0.00	36.88 -0.64 0.00	39.86 -0.53 0.00	51.98 -0.52 0.00	53.39 -0.37 0.00	48.47 -0.69 0.00	47.61 -0.58 0.00	48.44 -0.84 0.00	46.38 -1.43 0.00	44.93 -1.68 0.00	42.08 -2.07 0.00	40.87 -2.56 0.00	40.90 -2.61 0.00	44.01 -2.81 0.00	52.33 -2.70 0.00	57.45 -2.52 0.00	51.17 -2.19 0.00	45.79 -1.66 0.00	41.81 -1.43 0.00	37.63 -1.57 0.00	38.08 -1.71 0.00

HQ_GEN_CEDARS 23644	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.92 1.32 0.00	38.71 1.20 0.00	41.60 1.21 0.00	53.97 1.47 0.00	55.22 1.45 0.00	50.19 1.03 0.00	49.29 1.11 0.00	50.41 1.13 0.00	49.05 1.24 0.00	48.05 1.44 0.00	45.65 1.50 0.00	44.82 1.39 0.00	44.90 1.39 0.00	48.13 1.31 0.00	56.40 1.38 0.00	61.04 1.08 0.00	54.27 0.91 0.00	48.31 0.85 0.00	44.10 0.86 0.00	39.94 0.74 0.00	40.62 0.84 0.00
HQ_GEN_CEDARS_PROXY 323590	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.92 1.32 0.00	38.75 1.24 0.00	41.60 1.21 0.00	53.97 1.47 0.00	55.41 1.45 -0.19	50.00 1.03 0.19	49.29 1.11 0.00	50.41 1.13 0.00	49.05 1.24 0.00	48.05 1.45 0.00	45.65 1.50 0.00	44.82 1.39 0.00	44.90 1.39 0.00	48.13 1.31 0.00	56.40 1.38 0.00	60.98 1.02 0.00	54.26 0.91 0.00	48.31 0.86 0.00	44.10 0.86 0.00	39.94 0.74 0.00	40.63 0.84 0.00
HQ_GEN_IMPORT 323601	41.54 0.49 0.00	39.92 0.47 0.00	38.09 0.45 0.00	38.06 0.45 0.00	37.93 0.41 0.00	40.79 0.40 0.00	52.98 0.47 0.00	54.44 0.48 -0.19	49.26 0.30 0.19	48.53 0.34 0.00	49.62 0.35 0.00	48.19 0.38 0.00	47.07 0.47 0.00	44.64 0.49 0.00	43.87 0.43 0.00	43.95 0.44 0.00	47.24 0.42 0.00	55.46 0.44 0.00	60.20 0.24 0.00	53.57 0.21 0.00	47.64 0.19 0.00	43.41 0.17 0.00	39.32 0.12 0.00	39.95 0.16 0.00
HQ_GEN_WHEEL 23651	41.54 0.49 0.00	39.92 0.47 0.00	38.09 0.45 0.00	38.06 0.45 0.00	37.93 0.41 0.00	40.79 0.40 0.00	52.98 0.47 0.00	54.44 0.48 -0.19	49.26 0.30 0.19	48.53 0.34 0.00	49.62 0.35 0.00	48.19 0.38 0.00	47.07 0.47 0.00	44.64 0.49 0.00	43.87 0.43 0.00	43.95 0.44 0.00	47.24 0.42 0.00	55.46 0.44 0.00	60.20 0.24 0.00	53.57 0.21 0.00	47.64 0.19 0.00	43.41 0.17 0.00	39.32 0.12 0.00	39.95 0.16 0.00
HUDSON AVE_GT_3 23810	42.56 1.52 0.00	40.94 1.50 0.00	39.03 1.39 0.00	39.00 1.39 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.19 2.42 0.00	51.61 2.46 0.00	50.60 2.41 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.69 2.26 0.00	45.77 2.26 0.00	49.34 2.53 0.00	58.05 3.03 0.00	63.38 3.42 0.00	56.29 2.93 0.00	50.11 2.66 0.00	45.53 2.29 0.00	41.28 2.08 0.00	41.86 2.07 0.00
HUDSON AVE_GT_4 23540	42.56 1.52 0.00	40.94 1.50 0.00	39.03 1.39 0.00	39.00 1.39 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.19 2.42 0.00	51.61 2.46 0.00	50.60 2.41 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.69 2.26 0.00	45.77 2.26 0.00	49.34 2.53 0.00	58.05 3.03 0.00	63.38 3.42 0.00	56.29 2.93 0.00	50.11 2.66 0.00	45.53 2.29 0.00	41.28 2.08 0.00	41.86 2.07 0.00
HUDSON AVE_GT_5 23657	42.56 1.52 0.00	40.94 1.50 0.00	39.03 1.39 0.00	39.00 1.39 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.19 2.42 0.00	51.61 2.46 0.00	50.60 2.41 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.69 2.26 0.00	45.77 2.26 0.00	49.34 2.53 0.00	58.05 3.03 0.00	63.38 3.42 0.00	56.29 2.93 0.00	50.11 2.66 0.00	45.53 2.29 0.00	41.28 2.08 0.00	41.86 2.07 0.00
HUDSON_AVE_10 24168	42.40 1.35 0.00	40.78 1.34 0.00	38.88 1.24 0.00	38.85 1.24 0.00	38.75 1.24 0.00	41.76 1.37 0.00	54.45 1.94 0.00	56.03 2.26 0.00	51.47 2.31 0.00	50.45 2.26 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.89 2.86 0.00	63.26 3.30 0.00	56.13 2.77 0.00	50.06 2.61 0.00	45.40 2.16 0.00	41.20 2.00 0.00	41.78 1.99 0.00
HUDSON___115KV_TB 4 355613	42.52 1.48 0.00	40.90 1.46 0.00	39.07 1.43 0.00	39.11 1.50 0.00	39.01 1.50 0.00	41.92 1.53 0.00	54.29 1.79 0.00	55.38 1.61 0.00	50.78 1.62 0.00	49.58 1.40 0.00	50.55 1.28 0.00	49.10 1.29 0.00	47.77 1.17 0.00	45.21 1.06 0.00	44.65 1.22 0.00	44.86 1.35 0.00	48.41 1.59 0.00	56.90 1.87 0.00	62.30 2.34 0.00	55.28 1.92 0.00	49.11 1.66 0.00	44.66 1.43 0.00	40.73 1.53 0.00	41.50 1.71 0.00
HUNTER MOUNT___DRP 323613	42.77 1.72 0.00	41.18 1.74 0.00	39.29 1.66 0.00	39.34 1.73 0.00	39.24 1.73 0.00	42.16 1.78 0.00	54.66 2.15 0.00	55.70 1.94 0.00	51.02 1.87 0.00	49.78 1.59 0.00	50.75 1.48 0.00	49.24 1.43 0.00	47.91 1.30 0.00	45.34 1.19 0.00	44.74 1.30 0.00	44.99 1.48 0.00	48.64 1.83 0.00	57.28 2.26 0.00	62.66 2.70 0.00	55.60 2.24 0.00	49.35 1.90 0.00	44.83 1.60 0.00	40.92 1.72 0.00	41.70 1.91 0.00
HUNTINGTON_RES_REC 323705	43.34 2.30 0.00	41.57 2.13 0.00	39.48 1.84 0.00	39.30 1.69 0.00	39.24 1.73 0.00	42.69 2.30 0.00	61.96 3.31 -6.14	59.00 3.55 -1.68	52.30 3.15 0.00	52.06 3.18 -0.70	55.82 3.11 -3.44	51.24 3.01 -0.42	49.26 2.66 0.00	46.76 2.60 0.00	51.68 2.95 -5.29	54.38 2.96 -7.91	56.62 3.32 -6.48	58.66 3.63 0.00	65.13 4.26 -0.91	59.03 3.95 -1.73	55.84 3.56 -4.83	50.64 2.98 -4.43	45.48 2.74 -3.54	42.83 2.78 -0.25
HUNTLEY___63 23557	39.15 -1.89 0.00	37.43 -2.01 0.00	35.87 -1.77 0.00	35.50 -2.11 0.00	35.64 -1.88 0.00	38.28 -2.10 0.00	49.62 -2.89 0.00	50.70 -3.06 0.00	45.81 -3.34 0.00	45.25 -2.94 0.00	45.92 -3.35 0.00	44.32 -3.49 0.00	43.06 -3.54 0.00	40.53 -3.62 0.00	39.61 -3.82 0.00	39.73 -3.79 0.00	42.46 -4.35 0.00	49.58 -5.45 0.00	53.97 -6.00 0.00	48.72 -4.64 0.00	43.85 -3.61 0.00	40.21 -3.03 0.00	36.34 -2.86 0.00	37.08 -2.71 0.00
HUNTLEY___64 23558	39.15 -1.89 0.00	37.43 -2.01 0.00	35.87 -1.77 0.00	35.50 -2.11 0.00	35.64 -1.88 0.00	38.28 -2.10 0.00	49.62 -2.89 0.00	50.70 -3.06 0.00	45.81 -3.34 0.00	45.25 -2.94 0.00	45.92 -3.35 0.00	44.32 -3.49 0.00	43.06 -3.54 0.00	40.53 -3.62 0.00	39.61 -3.82 0.00	39.73 -3.79 0.00	42.46 -4.35 0.00	49.58 -5.45 0.00	53.97 -6.00 0.00	48.72 -4.64 0.00	43.85 -3.61 0.00	40.21 -3.03 0.00	36.34 -2.86 0.00	37.08 -2.71 0.00
HUNTLEY___65 23559	39.15 -1.89 0.00	37.43 -2.01 0.00	35.87 -1.77 0.00	35.50 -2.11 0.00	35.64 -1.88 0.00	38.28 -2.10 0.00	49.62 -2.89 0.00	50.70 -3.06 0.00	45.81 -3.34 0.00	45.25 -2.94 0.00	45.92 -3.35 0.00	44.32 -3.49 0.00	43.06 -3.54 0.00	40.53 -3.62 0.00	39.61 -3.82 0.00	39.73 -3.79 0.00	42.46 -4.35 0.00	49.58 -5.45 0.00	53.97 -6.00 0.00	48.72 -4.64 0.00	43.85 -3.61 0.00	40.21 -3.03 0.00	36.34 -2.86 0.00	37.08 -2.71 0.00
HUNTLEY___66 23560	39.15 -1.89 0.00	37.43 -2.01 0.00	35.87 -1.77 0.00	35.50 -2.11 0.00	35.64 -1.88 0.00	38.28 -2.10 0.00	49.62 -2.89 0.00	50.70 -3.06 0.00	45.81 -3.34 0.00	45.25 -2.94 0.00	45.92 -3.35 0.00	44.32 -3.49 0.00	43.06 -3.54 0.00	40.53 -3.62 0.00	39.61 -3.82 0.00	39.73 -3.79 0.00	42.46 -4.35 0.00	49.58 -5.45 0.00	53.97 -6.00 0.00	48.72 -4.64 0.00	43.85 -3.61 0.00	40.21 -3.03 0.00	36.34 -2.86 0.00	37.08 -2.71 0.00

HUNTLEY___67 23561	38.95 -2.09 0.00	37.23 -2.21 0.00	35.68 -1.96 0.00	35.35 -2.26 0.00	35.49 -2.03 0.00	38.12 -2.26 0.00	49.35 -3.15 0.00	50.43 -3.33 0.00	45.62 -3.54 0.00	45.01 -3.18 0.00	45.63 -3.65 0.00	44.03 -3.78 0.00	42.78 -3.82 0.00	40.31 -3.84 0.00	39.39 -4.04 0.00	39.51 -4.00 0.00	42.28 -4.54 0.00	49.41 -5.61 0.00	53.73 -6.24 0.00	48.50 -4.86 0.00	43.66 -3.80 0.00	40.04 -3.20 0.00	36.14 -3.06 0.00	36.92 -2.86 0.00
HUNTLEY___68 23562	38.95 -2.09 0.00	37.23 -2.21 0.00	35.68 -1.96 0.00	35.35 -2.26 0.00	35.49 -2.03 0.00	38.12 -2.26 0.00	49.35 -3.15 0.00	50.43 -3.33 0.00	45.62 -3.54 0.00	45.01 -3.18 0.00	45.63 -3.65 0.00	44.03 -3.78 0.00	42.78 -3.82 0.00	40.31 -3.84 0.00	39.39 -4.04 0.00	39.51 -4.00 0.00	42.28 -4.54 0.00	49.41 -5.61 0.00	53.73 -6.24 0.00	48.50 -4.86 0.00	43.66 -3.80 0.00	40.04 -3.20 0.00	36.14 -3.06 0.00	36.92 -2.86 0.00
HYLAND___LFGE 323620	41.82 0.78 0.00	40.03 0.59 0.00	38.20 0.57 0.00	38.28 0.68 0.00	37.96 0.45 0.00	41.27 0.89 0.00	53.92 1.42 0.00	55.38 1.61 0.00	50.04 0.89 0.00	49.20 1.01 0.00	49.96 0.69 0.00	47.72 -0.10 0.00	46.37 -0.23 0.00	43.62 -0.53 0.00	42.65 -0.78 0.00	42.90 -0.61 0.00	46.39 -0.42 0.00	55.52 0.49 0.00	61.10 1.14 0.00	53.95 0.59 0.00	47.97 0.52 0.00	43.71 0.48 0.00	39.44 0.24 0.00	39.79 0.00 0.00
INDECK___CORINTH 23802	44.53 3.49 0.00	42.79 3.35 0.00	40.72 3.09 0.00	40.73 3.12 0.00	40.70 3.19 0.00	42.36 1.98 0.00	55.39 2.89 0.00	56.40 2.63 0.00	52.06 2.90 0.00	50.88 2.70 0.00	51.83 2.56 0.00	50.39 2.58 0.00	49.03 2.42 0.00	46.45 2.29 0.00	45.69 2.26 0.00	45.82 2.30 0.00	49.16 2.34 0.00	57.44 2.42 0.00	63.14 3.18 0.00	56.08 2.72 0.00	49.96 2.51 0.00	47.26 4.02 0.00	42.77 3.57 0.00	43.53 3.74 0.00
INDECK___ILION 23567	41.25 0.21 0.00	39.52 0.08 0.00	37.64 0.00 0.00	37.57 -0.04 0.00	37.40 -0.11 0.00	40.26 -0.12 0.00	52.40 -0.11 0.00	53.71 -0.05 0.00	49.21 0.05 0.00	48.33 0.14 0.00	49.47 0.20 0.00	48.05 0.24 0.00	46.79 0.19 0.00	44.29 0.13 0.00	43.48 0.04 0.00	43.47 -0.04 0.00	46.72 -0.09 0.00	54.86 -0.17 0.00	59.84 -0.12 0.00	53.25 -0.11 0.00	47.36 -0.09 0.00	43.15 -0.09 0.00	39.16 -0.04 0.00	39.75 -0.04 0.00
INDECK___OLEAN 23982	40.51 -0.53 0.00	38.81 -0.63 0.00	37.07 -0.56 0.00	37.19 -0.41 0.00	36.91 -0.60 0.00	39.82 -0.57 0.00	51.82 -0.68 0.00	53.02 -0.75 0.00	47.83 -1.32 0.00	47.03 -1.16 0.00	47.89 -1.38 0.00	45.99 -1.82 0.00	44.60 -2.00 0.00	42.03 -2.12 0.00	41.00 -2.43 0.00	41.25 -2.26 0.00	44.24 -2.57 0.00	52.49 -2.53 0.00	57.68 -2.28 0.00	51.01 -2.35 0.00	45.70 -1.75 0.00	41.94 -1.30 0.00	37.79 -1.41 0.00	38.44 -1.35 0.00
INDECK___OSWEGO 23783	41.17 0.12 0.00	39.48 0.04 0.00	37.67 0.04 0.00	37.72 0.11 0.00	37.55 0.04 0.00	40.51 0.12 0.00	52.87 0.37 0.00	54.25 0.48 0.00	49.65 0.49 0.00	48.72 0.53 0.00	49.96 0.69 0.00	48.29 0.48 0.00	47.12 0.51 0.00	44.59 0.44 0.00	43.70 0.26 0.00	43.77 0.26 0.00	47.10 0.28 0.00	55.52 0.49 0.00	60.62 0.66 0.00	53.95 0.59 0.00	47.88 0.43 0.00	43.62 0.39 0.00	39.44 0.24 0.00	39.91 0.12 0.00
INDECK___YERKES 23781	39.03 -2.01 0.00	37.39 -2.05 0.00	35.72 -1.92 0.00	35.99 -1.62 0.00	35.64 -1.87 0.00	38.33 -2.06 0.00	49.67 -2.84 0.00	50.76 -3.01 0.00	45.86 -3.29 0.00	45.39 -2.80 0.00	46.41 -2.86 0.00	44.42 -3.39 0.00	43.11 -3.50 0.00	40.62 -3.53 0.00	39.65 -3.78 0.00	39.77 -3.74 0.00	42.51 -4.31 0.00	50.29 -4.73 0.00	55.29 -4.68 0.00	48.72 -4.64 0.00	43.70 -3.75 0.00	40.25 -2.98 0.00	36.38 -2.82 0.00	37.12 -2.67 0.00
INDIAN POINT_GT_1 24139	42.27 1.23 0.00	40.66 1.22 0.00	38.73 1.09 0.00	38.74 1.13 0.00	38.64 1.13 0.00	41.68 1.29 0.00	54.24 1.73 0.00	55.70 1.94 0.00	51.12 1.97 0.00	50.02 1.83 0.00	51.15 1.87 0.00	49.68 1.86 0.00	48.28 1.68 0.00	45.79 1.63 0.00	45.21 1.78 0.00	45.29 1.78 0.00	48.83 2.01 0.00	57.50 2.48 0.00	62.84 2.88 0.00	55.76 2.40 0.00	49.63 2.18 0.00	45.09 1.86 0.00	40.92 1.72 0.00	41.50 1.71 0.00
INDIAN POINT_GT_2 23659	42.27 1.23 0.00	40.66 1.22 0.00	38.73 1.09 0.00	38.74 1.13 0.00	38.64 1.13 0.00	41.68 1.29 0.00	54.24 1.73 0.00	55.70 1.94 0.00	51.12 1.97 0.00	50.02 1.83 0.00	51.15 1.87 0.00	49.68 1.86 0.00	48.28 1.68 0.00	45.79 1.63 0.00	45.21 1.78 0.00	45.29 1.78 0.00	48.83 2.01 0.00	57.50 2.48 0.00	62.84 2.88 0.00	55.76 2.40 0.00	49.63 2.18 0.00	45.09 1.86 0.00	40.92 1.72 0.00	41.50 1.71 0.00
INDIAN POINT_GT_3 24019	42.27 1.23 0.00	40.66 1.22 0.00	38.73 1.09 0.00	38.74 1.13 0.00	38.64 1.13 0.00	41.68 1.29 0.00	54.24 1.73 0.00	55.70 1.94 0.00	51.12 1.97 0.00	50.02 1.83 0.00	51.15 1.87 0.00	49.68 1.86 0.00	48.28 1.68 0.00	45.79 1.63 0.00	45.21 1.78 0.00	45.29 1.78 0.00	48.83 2.01 0.00	57.50 2.48 0.00	62.84 2.88 0.00	55.76 2.40 0.00	49.63 2.18 0.00	45.09 1.86 0.00	40.92 1.72 0.00	41.50 1.71 0.00
INDIAN POINT___2 23530	42.19 1.15 0.00	40.58 1.14 0.00	38.69 1.05 0.00	38.62 1.02 0.00	38.56 1.05 0.00	41.64 1.25 0.00	54.18 1.68 0.00	55.60 1.83 0.00	51.02 1.87 0.00	49.97 1.78 0.00	51.00 1.72 0.00	49.58 1.77 0.00	48.19 1.59 0.00	45.70 1.54 0.00	45.17 1.74 0.00	45.21 1.70 0.00	48.78 1.97 0.00	57.28 2.26 0.00	62.42 2.46 0.00	55.70 2.35 0.00	49.64 2.18 0.00	45.01 1.77 0.00	40.92 1.72 0.00	41.46 1.67 0.00
INDIAN POINT___3 23531	42.23 1.19 0.00	40.62 1.18 0.00	38.73 1.09 0.00	38.74 1.13 0.00	38.64 1.13 0.00	41.64 1.25 0.00	54.18 1.68 0.00	55.60 1.83 0.00	51.02 1.87 0.00	49.97 1.78 0.00	51.05 1.77 0.00	49.58 1.77 0.00	48.19 1.58 0.00	45.70 1.55 0.00	45.13 1.69 0.00	45.25 1.74 0.00	48.78 1.97 0.00	57.39 2.37 0.00	62.72 2.76 0.00	55.71 2.35 0.00	49.59 2.14 0.00	45.05 1.82 0.00	40.92 1.72 0.00	41.46 1.67 0.00
INGHAM_C_115KV_TB7 356103	41.21 0.16 0.00	39.40 -0.04 0.00	37.45 -0.19 0.00	37.34 -0.26 0.00	37.10 -0.41 0.00	39.94 -0.44 0.00	51.93 -0.58 0.00	53.34 -0.43 0.00	48.91 -0.25 0.00	48.14 -0.05 0.00	49.32 0.05 0.00	47.91 0.10 0.00	46.65 0.05 0.00	44.06 -0.09 0.00	43.22 -0.22 0.00	43.12 -0.39 0.00	46.25 -0.56 0.00	54.31 -0.72 0.00	59.24 -0.72 0.00	52.66 -0.69 0.00	46.83 -0.62 0.00	42.76 -0.48 0.00	38.81 -0.39 0.00	39.39 -0.40 0.00
IP CORINTH___1 23988	43.05 2.01 0.00	41.37 1.93 0.00	39.40 1.77 0.00	39.45 1.84 0.00	39.39 1.88 0.00	42.57 2.18 0.00	55.71 3.20 0.00	56.73 2.96 0.00	52.35 3.20 0.00	51.17 2.99 0.00	52.18 2.91 0.00	50.68 2.87 0.00	49.26 2.66 0.00	46.67 2.52 0.00	45.91 2.48 0.00	46.08 2.57 0.00	49.39 2.57 0.00	57.83 2.81 0.00	63.56 3.60 0.00	56.40 3.04 0.00	50.06 2.61 0.00	45.79 2.55 0.00	42.77 3.57 0.00	43.53 3.74 0.00

IP___TICONDEROGA 23804	44.78 3.73 0.00	43.03 3.59 0.00	40.91 3.27 0.00	40.99 3.38 0.00	40.93 3.41 0.00	44.30 3.92 0.00	58.17 5.67 0.00	59.15 5.38 0.00	54.66 5.51 0.00	53.44 5.25 0.00	54.50 5.22 0.00	52.93 5.12 0.00	51.36 4.75 0.00	48.61 4.46 0.00	47.78 4.34 0.00	47.99 4.48 0.00	51.50 4.68 0.00	60.20 5.17 0.00	66.26 6.30 0.00	58.80 5.44 0.00	52.20 4.75 0.00	47.56 4.32 0.00	44.22 5.02 0.00	45.00 5.21 0.00
ISLIP_RES_REC 323679	43.51 2.46 0.00	41.69 2.25 0.00	39.55 1.92 0.00	39.34 1.73 0.00	39.24 1.73 0.00	42.89 2.50 0.00	62.43 3.78 -6.14	59.32 3.87 -1.68	52.50 3.24 -0.10	52.48 3.32 -0.97	56.30 3.16 -3.87	51.49 2.97 -0.71	49.61 2.61 -0.40	47.09 2.60 -0.33	52.04 2.99 -5.61	54.86 3.04 -8.30	57.03 3.42 -6.79	58.76 3.63 -0.10	65.37 4.50 -0.91	59.20 4.11 -1.73	56.09 3.60 -5.04	50.74 3.03 -4.48	45.48 2.74 -3.54	42.99 2.94 -0.25
JAMAICA__27_KV_LOAD 355505	42.44 1.40 0.00	40.90 1.46 0.00	38.92 1.28 0.00	38.85 1.24 0.00	38.79 1.28 0.00	41.88 1.49 0.00	54.60 2.10 0.00	56.30 2.53 0.00	51.76 2.61 0.00	50.74 2.55 0.00	51.98 2.71 0.00	50.54 2.73 0.00	49.07 2.47 0.00	46.54 2.38 0.00	46.00 2.56 0.00	46.03 2.52 0.00	49.67 2.86 0.00	58.27 3.25 0.00	63.68 3.72 0.00	56.56 3.20 0.00	50.54 3.08 0.00	45.74 2.51 0.00	41.43 2.23 0.00	42.06 2.27 0.00
JANIS___SOLAR 323808	42.81 1.76 0.00	40.98 1.54 0.00	39.07 1.43 0.00	39.19 1.58 0.00	38.97 1.46 0.00	42.16 1.77 0.00	55.18 2.68 0.00	56.67 2.90 0.00	51.56 2.41 0.00	50.50 2.31 0.00	51.49 2.22 0.00	49.82 2.01 0.00	48.61 2.00 0.00	45.92 1.77 0.00	44.95 1.52 0.00	45.12 1.61 0.00	48.74 1.92 0.00	57.61 2.59 0.00	63.02 3.06 0.00	56.08 2.72 0.00	49.78 2.32 0.00	45.27 2.03 0.00	40.73 1.53 0.00	41.26 1.47 0.00
JARVIS____ 23743	41.12 0.08 0.00	39.52 0.08 0.00	37.67 0.04 0.00	37.64 0.04 0.00	37.55 0.04 0.00	40.43 0.04 0.00	52.61 0.11 0.00	53.88 0.11 0.00	49.25 0.10 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.24 0.09 0.00	43.56 0.13 0.00	43.60 0.09 0.00	46.91 0.09 0.00	55.14 0.11 0.00	60.14 0.18 0.00	53.52 0.16 0.00	47.59 0.14 0.00	43.36 0.13 0.00	39.32 0.12 0.00	39.91 0.12 0.00
JENNISON___1 23625	43.18 2.13 0.00	41.33 1.89 0.00	39.33 1.69 0.00	39.41 1.81 0.00	39.28 1.76 0.00	42.40 2.02 0.00	55.50 2.99 0.00	56.89 3.12 0.00	51.81 2.65 0.00	50.88 2.70 0.00	51.93 2.66 0.00	50.34 2.53 0.00	49.07 2.47 0.00	46.40 2.25 0.00	45.43 2.00 0.00	45.56 2.04 0.00	49.06 2.25 0.00	57.78 2.75 0.00	63.14 3.18 0.00	56.29 2.93 0.00	50.06 2.61 0.00	45.57 2.33 0.00	41.00 1.80 0.00	41.58 1.79 0.00
JENNISON___2 23626	43.18 2.13 0.00	41.33 1.89 0.00	39.33 1.69 0.00	39.41 1.81 0.00	39.28 1.76 0.00	42.40 2.02 0.00	55.50 2.99 0.00	56.89 3.12 0.00	51.81 2.65 0.00	50.88 2.70 0.00	51.93 2.66 0.00	50.34 2.53 0.00	49.07 2.47 0.00	46.40 2.25 0.00	45.43 2.00 0.00	45.56 2.04 0.00	49.06 2.25 0.00	57.78 2.75 0.00	63.14 3.18 0.00	56.29 2.93 0.00	50.06 2.61 0.00	45.57 2.33 0.00	41.00 1.80 0.00	41.58 1.79 0.00
JERICHO_RISE_WT_PWR 323719	42.27 1.23 0.00	40.70 1.26 0.00	38.88 1.24 0.00	38.77 1.17 0.00	38.60 1.09 0.00	41.48 1.09 0.00	53.71 1.21 0.00	54.95 1.18 0.00	49.89 0.74 0.00	49.05 0.87 0.00	50.21 0.93 0.00	48.86 1.05 0.00	47.86 1.26 0.00	45.43 1.28 0.00	44.61 1.17 0.00	44.73 1.22 0.00	47.94 1.12 0.00	56.13 1.10 0.00	60.50 0.54 0.00	53.63 0.27 0.00	47.59 0.14 0.00	43.28 0.04 0.00	39.12 -0.08 0.00	39.91 0.12 0.00
KATONAH___115KV_46KV_TB4 355592	42.64 1.60 0.00	40.98 1.54 0.00	39.07 1.43 0.00	39.11 1.50 0.00	38.94 1.43 0.00	42.04 1.66 0.00	54.76 2.26 0.00	56.19 2.42 0.00	51.66 2.51 0.00	50.55 2.36 0.00	51.74 2.46 0.00	50.20 2.39 0.00	48.75 2.14 0.00	46.23 2.08 0.00	45.61 2.17 0.00	45.77 2.26 0.00	49.39 2.57 0.00	58.05 3.03 0.00	63.50 3.54 0.00	56.35 2.99 0.00	50.11 2.66 0.00	45.48 2.25 0.00	41.28 2.08 0.00	41.82 2.03 0.00
KCE_NY_1 323755	43.51 2.46 0.00	41.85 2.41 0.00	39.86 2.22 0.00	39.83 2.22 0.00	39.80 2.29 0.00	42.44 2.06 0.00	55.44 2.94 0.00	56.51 2.74 0.00	52.01 2.85 0.00	50.83 2.65 0.00	51.93 2.66 0.00	50.44 2.63 0.00	49.07 2.47 0.00	46.45 2.29 0.00	45.73 2.30 0.00	45.86 2.35 0.00	49.34 2.53 0.00	57.83 2.80 0.00	63.38 3.42 0.00	56.34 2.99 0.00	50.11 2.66 0.00	46.18 2.94 0.00	41.87 2.67 0.00	42.53 2.74 0.00
KCE_NY_6_ESR 323823	39.57 -1.48 0.00	37.90 -1.54 0.00	36.17 -1.47 0.00	36.44 -1.17 0.00	36.09 -1.43 0.00	38.85 -1.53 0.00	50.35 -2.15 0.00	51.51 -2.26 0.00	46.55 -2.61 0.00	45.97 -2.22 0.00	46.96 -2.32 0.00	44.94 -2.87 0.00	43.62 -2.98 0.00	41.11 -3.05 0.00	40.09 -3.34 0.00	40.25 -3.26 0.00	43.03 -3.79 0.00	50.95 -4.07 0.00	56.00 -3.96 0.00	49.41 -3.95 0.00	44.32 -3.13 0.00	40.77 -2.46 0.00	36.77 -2.43 0.00	37.52 -2.27 0.00
KEDC_PORT_JEFF_GT2 24210	43.34 2.30 0.00	41.57 2.13 0.00	39.40 1.77 0.00	39.19 1.58 0.00	39.12 1.61 0.00	42.73 2.34 0.00	62.11 3.46 -6.14	59.05 3.60 -1.68	51.93 3.00 0.22	51.35 3.09 -0.08	54.54 2.81 -2.46	50.01 2.44 0.24	47.82 2.10 0.89	45.53 2.12 0.74	50.71 2.69 -4.58	53.30 2.74 -7.04	55.72 3.14 -5.77	58.05 3.25 0.22	64.77 3.90 -0.91	58.88 3.79 -1.73	55.13 3.32 -4.36	50.33 2.77 -4.33	45.28 2.55 -3.54	42.75 2.71 -0.25
KEDC_PORT_JEFF_GT3 24211	43.34 2.30 0.00	41.57 2.13 0.00	39.40 1.77 0.00	39.19 1.58 0.00	39.12 1.61 0.00	42.73 2.34 0.00	62.11 3.46 -6.14	59.05 3.60 -1.68	51.93 3.00 0.22	51.35 3.09 -0.08	54.54 2.81 -2.46	50.01 2.44 0.24	47.82 2.10 0.89	45.53 2.12 0.74	50.71 2.69 -4.58	53.30 2.74 -7.04	55.72 3.14 -5.77	58.05 3.25 0.22	64.77 3.90 -0.91	58.88 3.79 -1.73	55.13 3.32 -4.36	50.33 2.77 -4.33	45.28 2.55 -3.54	42.75 2.71 -0.25
KEDC_GLWD_GT4 24219	43.22 2.17 0.00	41.53 2.09 0.00	39.48 1.84 0.00	39.34 1.73 0.00	39.28 1.76 0.00	42.60 2.22 0.00	61.69 3.04 -6.14	58.73 3.28 -1.68	52.30 3.15 0.00	52.06 3.18 -0.70	55.91 3.20 -3.44	51.43 3.20 -0.42	49.50 2.89 0.00	46.98 2.83 0.00	51.72 2.99 -5.29	54.38 2.96 -7.91	56.57 3.28 -6.48	58.71 3.69 0.00	64.53 3.66 -0.91	58.93 3.84 -1.73	55.79 3.51 -4.83	50.61 2.94 -4.43	45.48 2.74 -3.54	42.75 2.71 -0.25
KEDC_GLWD_GT5 24220	43.22 2.17 0.00	41.53 2.09 0.00	39.48 1.84 0.00	39.34 1.73 0.00	39.28 1.76 0.00	42.60 2.22 0.00	61.69 3.04 -6.14	58.73 3.28 -1.68	52.30 3.15 0.00	52.06 3.18 -0.70	55.91 3.20 -3.44	51.43 3.20 -0.42	49.50 2.89 0.00	46.98 2.83 0.00	51.72 2.99 -5.29	54.38 2.96 -7.91	56.57 3.28 -6.48	58.71 3.69 0.00	64.53 3.66 -0.91	58.93 3.84 -1.73	55.79 3.51 -4.83	50.61 2.94 -4.43	45.48 2.74 -3.54	42.75 2.71 -0.25

KENSICO____ 23655	42.40 1.35 0.00	40.78 1.34 0.00	38.84 1.20 0.00	38.85 1.24 0.00	38.75 1.24 0.00	41.76 1.37 0.00	54.39 1.89 0.00	55.87 2.10 0.00	51.27 2.11 0.00	50.21 2.02 0.00	51.34 2.07 0.00	49.87 2.06 0.00	48.47 1.86 0.00	45.96 1.81 0.00	45.39 1.95 0.00	45.47 1.96 0.00	49.02 2.20 0.00	57.67 2.64 0.00	63.02 3.06 0.00	55.97 2.61 0.00	49.82 2.37 0.00	45.27 2.03 0.00	41.04 1.84 0.00	41.62 1.83 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.64 1.60 0.00	41.06 1.62 0.00	39.07 1.43 0.00	39.07 1.47 0.00	38.98 1.46 0.00	42.00 1.62 0.00	54.87 2.36 0.00	56.24 2.47 0.00	51.47 2.31 0.00	50.35 2.17 0.00	51.29 2.02 0.00	49.87 2.06 0.00	48.42 1.82 0.00	45.87 1.72 0.00	45.30 1.87 0.00	45.47 1.96 0.00	49.20 2.39 0.00	58.05 3.03 0.00	63.44 3.48 0.00	56.29 2.93 0.00	50.06 2.61 0.00	45.35 2.12 0.00	41.16 1.96 0.00	41.70 1.91 0.00
KIAC_JFK_GT1 23816	42.23 1.19 0.00	40.66 1.22 0.00	38.73 1.09 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.64 1.25 0.00	54.08 1.58 0.00	55.76 1.99 0.00	51.27 2.11 0.00	50.26 2.07 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.84 2.24 0.00	46.27 2.12 0.00	45.74 2.30 0.00	45.77 2.26 0.00	49.39 2.57 0.00	57.72 2.70 0.00	63.08 3.12 0.00	56.03 2.67 0.00	50.20 2.75 0.00	45.48 2.25 0.00	41.24 2.04 0.00	41.82 2.03 0.00
KIAC_JFK_GT2 23817	42.23 1.19 0.00	40.66 1.22 0.00	38.73 1.09 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.64 1.25 0.00	54.08 1.58 0.00	55.76 1.99 0.00	51.27 2.11 0.00	50.26 2.07 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.84 2.24 0.00	46.27 2.12 0.00	45.74 2.30 0.00	45.77 2.26 0.00	49.39 2.57 0.00	57.72 2.70 0.00	63.08 3.12 0.00	56.03 2.67 0.00	50.20 2.75 0.00	45.48 2.25 0.00	41.24 2.04 0.00	41.82 2.03 0.00
KIAC_JFK____ 323774	42.19 1.15 0.00	40.62 1.18 0.00	38.73 1.09 0.00	38.55 0.94 0.00	38.53 1.01 0.00	41.64 1.25 0.00	54.08 1.57 0.00	55.70 1.93 0.00	51.22 2.06 0.00	50.26 2.07 0.00	51.64 2.37 0.00	50.25 2.44 0.00	48.84 2.24 0.00	46.32 2.16 0.00	45.78 2.34 0.00	45.77 2.26 0.00	49.39 2.57 0.00	57.61 2.59 0.00	62.72 2.76 0.00	56.08 2.72 0.00	50.35 2.89 0.00	45.44 2.20 0.00	41.20 2.00 0.00	41.82 2.03 0.00
KINTIGH____ 23543	38.58 -2.46 0.00	36.92 -2.52 0.00	35.38 -2.26 0.00	35.16 -2.44 0.00	35.26 -2.25 0.00	37.92 -2.46 0.00	49.09 -3.41 0.00	50.17 -3.60 0.00	45.47 -3.69 0.00	44.86 -3.32 0.00	45.48 -3.79 0.00	43.99 -3.82 0.00	42.78 -3.82 0.00	40.31 -3.84 0.00	39.48 -3.95 0.00	39.55 -3.96 0.00	42.37 -4.45 0.00	49.58 -5.45 0.00	53.91 -6.06 0.00	48.56 -4.80 0.00	43.56 -3.89 0.00	39.95 -3.29 0.00	36.10 -3.10 0.00	36.80 -2.98 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.71 2.67 0.00	42.12 2.68 0.00	40.23 2.60 0.00	40.09 2.48 0.00	39.88 2.36 0.00	42.85 2.46 0.00	55.18 2.68 0.00	56.40 2.63 0.00	50.97 1.82 0.00	50.16 1.98 0.00	51.34 2.07 0.00	50.01 2.20 0.00	49.12 2.52 0.00	46.71 2.56 0.00	45.78 2.35 0.00	45.95 2.44 0.00	49.16 2.34 0.00	57.61 2.59 0.00	61.70 1.74 0.00	54.53 1.17 0.00	48.31 0.85 0.00	43.88 0.65 0.00	39.55 0.35 0.00	40.66 0.88 0.00
LACHUTE__HYDRO 323717	46.09 5.05 0.00	44.29 4.85 0.00	42.11 4.48 0.00	42.12 4.51 0.00	42.09 4.57 0.00	44.30 3.92 0.00	58.18 5.67 0.00	59.14 5.38 0.00	54.66 5.50 0.00	53.39 5.21 0.00	54.45 5.17 0.00	52.88 5.07 0.00	51.36 4.76 0.00	48.61 4.46 0.00	47.73 4.30 0.00	47.99 4.48 0.00	51.50 4.68 0.00	60.14 5.12 0.00	66.20 6.24 0.00	58.80 5.45 0.00	52.29 4.84 0.00	48.85 5.62 0.00	44.22 5.02 0.00	45.00 5.21 0.00
LAWRNCV_115KV_TB1 80681	42.64 1.60 0.00	40.98 1.54 0.00	39.07 1.43 0.00	39.00 1.39 0.00	38.71 1.20 0.00	41.43 1.05 0.00	53.71 1.21 0.00	54.95 1.18 0.00	49.84 0.69 0.00	49.00 0.82 0.00	50.16 0.89 0.00	48.86 1.05 0.00	48.05 1.44 0.00	45.79 1.63 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.13 1.31 0.00	56.18 1.16 0.00	60.68 0.72 0.00	53.95 0.59 0.00	48.12 0.66 0.00	44.06 0.82 0.00	39.94 0.74 0.00	40.62 0.84 0.00
LEDERLE____ 23769	42.32 1.27 0.00	40.74 1.30 0.00	38.80 1.17 0.00	38.81 1.20 0.00	38.71 1.20 0.00	41.72 1.33 0.00	54.29 1.79 0.00	55.70 1.94 0.00	51.12 1.97 0.00	50.02 1.83 0.00	51.10 1.82 0.00	49.63 1.82 0.00	48.23 1.63 0.00	45.74 1.59 0.00	45.17 1.74 0.00	45.29 1.78 0.00	48.83 2.01 0.00	57.50 2.48 0.00	62.84 2.88 0.00	55.76 2.40 0.00	49.63 2.18 0.00	45.14 1.90 0.00	41.00 1.80 0.00	41.54 1.75 0.00
LIGHTHSE_115KV_TB6 355974	41.33 0.29 0.00	39.60 0.16 0.00	37.79 0.15 0.00	37.80 0.19 0.00	37.66 0.15 0.00	40.55 0.16 0.00	52.87 0.37 0.00	54.25 0.48 0.00	49.55 0.39 0.00	48.62 0.43 0.00	49.91 0.64 0.00	48.29 0.48 0.00	47.12 0.51 0.00	44.64 0.49 0.00	43.82 0.39 0.00	43.90 0.39 0.00	47.14 0.33 0.00	55.41 0.39 0.00	60.38 0.42 0.00	53.89 0.53 0.00	47.88 0.43 0.00	43.71 0.48 0.00	39.47 0.27 0.00	39.95 0.16 0.00
LINDEN COGEN____ 23786	41.63 1.19 0.60	40.01 1.22 0.66	38.51 1.09 0.22	38.61 1.02 0.01	38.59 1.09 0.01	41.63 1.25 0.01	48.80 1.79 5.49	51.63 2.04 4.18	40.52 2.06 10.70	33.99 2.02 16.22	32.94 2.02 18.35	32.56 2.05 17.30	45.39 1.77 2.98	45.39 1.72 0.48	45.39 1.96 0.00	45.38 1.87 0.00	45.39 2.15 3.58	56.37 2.53 1.19	62.48 2.52 0.00	54.67 2.61 1.30	49.87 2.42 0.00	45.09 1.86 0.00	41.04 1.84 0.00	41.54 1.75 0.00
LINDHRST_69_KV_BK1 356055	43.55 2.50 0.00	41.77 2.33 0.00	39.63 1.99 0.00	39.56 1.96 0.00	39.43 1.91 0.00	42.89 2.50 0.00	62.05 3.41 -6.13	59.05 3.60 -1.67	52.45 3.29 0.00	52.20 3.32 -0.69	56.00 3.30 -3.43	51.47 3.25 -0.41	49.45 2.84 0.00	46.98 2.83 0.00	51.76 3.04 -5.28	54.55 3.13 -7.90	56.80 3.51 -6.47	59.15 4.13 0.00	65.66 4.80 -0.90	59.13 4.06 -1.72	55.92 3.65 -4.82	50.85 3.20 -4.42	45.67 2.94 -3.53	42.98 2.94 -0.25
LIPA_MISC_IPP 23656	42.40 1.35 0.00	40.58 1.14 0.00	38.35 0.72 0.00	38.13 0.53 0.00	37.89 0.38 0.00	41.84 1.45 0.00	61.47 2.84 -6.13	57.86 2.42 -1.67	47.21 1.23 3.17	41.32 1.30 8.16	39.90 1.18 10.56	39.85 1.05 9.01	34.61 0.75 12.74	34.42 0.88 10.62	39.79 1.26 4.91	40.22 1.26 4.55	44.61 1.50 3.71	53.61 1.82 3.23	64.04 3.18 -0.90	57.32 2.24 -1.72	47.18 1.61 1.89	47.51 1.34 -2.94	44.06 1.33 -3.53	41.90 1.87 -0.25
LISF__SOLAR 323691	42.48 1.44 0.00	40.70 1.26 0.00	38.50 0.87 0.00	38.17 0.56 0.00	38.00 0.49 0.00	41.88 1.50 0.00	61.64 2.99 -6.14	58.03 2.58 -1.68	47.04 1.43 3.54	40.48 1.50 9.20	38.41 1.33 12.19	38.94 1.24 10.11	33.35 0.98 14.24	33.35 1.06 11.86	38.81 1.48 6.10	38.98 1.48 6.01	43.65 1.73 4.90	53.12 1.71 3.61	63.93 3.06 -0.91	57.65 2.56 -1.73	46.69 1.90 2.67	47.48 1.47 -2.77	44.11 1.37 -3.54	42.03 1.99 -0.25

LITTLE FALLS___HYD 24013	41.21 0.16 0.00	39.40 -0.04 0.00	37.45 -0.19 0.00	37.34 -0.26 0.00	37.10 -0.41 0.00	39.94 -0.44 0.00	51.93 -0.58 0.00	53.34 -0.43 0.00	48.91 -0.25 0.00	48.14 -0.05 0.00	49.32 0.05 0.00	47.91 0.10 0.00	46.65 0.05 0.00	44.06 -0.09 0.00	43.22 -0.22 0.00	43.12 -0.39 0.00	46.25 -0.56 0.00	54.31 -0.72 0.00	59.24 -0.72 0.00	52.66 -0.69 0.00	46.83 -0.62 0.00	42.76 -0.48 0.00	38.81 -0.39 0.00	39.39 -0.40 0.00
LITTLRIV_115KV_TB1 356100	43.14 2.09 0.00	41.41 1.97 0.00	39.48 1.84 0.00	39.45 1.84 0.00	39.16 1.65 0.00	41.92 1.53 0.00	54.39 1.89 0.00	55.65 1.88 0.00	50.43 1.28 0.00	49.58 1.40 0.00	50.75 1.48 0.00	49.44 1.63 0.00	48.61 2.00 0.00	46.32 2.16 0.00	45.48 2.04 0.00	45.51 2.00 0.00	48.69 1.87 0.00	56.90 1.87 0.00	61.40 1.44 0.00	54.64 1.28 0.00	48.69 1.23 0.00	44.58 1.34 0.00	40.41 1.22 0.00	41.10 1.31 0.00
LI_NEWBRDGE___DRP 323616	42.89 1.85 0.00	41.22 1.77 0.00	39.14 1.51 0.00	39.07 1.47 0.00	38.98 1.46 0.00	42.24 1.86 0.00	61.21 2.57 -6.13	58.29 2.85 -1.67	51.81 2.65 0.00	51.52 2.65 -0.69	55.36 2.66 -3.43	50.90 2.68 -0.41	48.93 2.33 0.00	46.49 2.34 0.00	51.19 2.48 -5.28	53.89 2.48 -7.90	56.09 2.81 -6.47	58.33 3.30 0.00	64.70 3.84 -0.90	58.33 3.25 -1.72	55.21 2.94 -4.82	50.21 2.55 -4.42	45.08 2.35 -3.53	42.38 2.35 -0.25
LOCKPORT_115KV_TB60_63_64 80432	38.66 -2.38 0.00	36.96 -2.48 0.00	35.45 -2.18 0.00	35.13 -2.48 0.00	35.22 -2.29 0.00	37.88 -2.50 0.00	49.04 -3.47 0.00	50.17 -3.60 0.00	45.32 -3.83 0.00	44.81 -3.37 0.00	45.38 -3.89 0.00	43.84 -3.97 0.00	42.60 -4.01 0.00	40.09 -4.06 0.00	39.18 -4.26 0.00	39.29 -4.22 0.00	41.99 -4.82 0.00	49.08 -5.94 0.00	53.43 -6.54 0.00	48.24 -5.12 0.00	43.37 -4.08 0.00	39.78 -3.46 0.00	35.95 -3.25 0.00	36.69 -3.10 0.00
LOCKPORT___CC1 323769	38.54 -2.50 0.00	36.92 -2.53 0.00	35.27 -2.37 0.00	35.58 -2.03 0.00	35.26 -2.25 0.00	37.92 -2.46 0.00	49.04 -3.47 0.00	50.11 -3.66 0.00	45.32 -3.83 0.00	44.86 -3.32 0.00	45.82 -3.45 0.00	43.84 -3.97 0.00	42.55 -4.05 0.00	40.14 -4.02 0.00	39.18 -4.25 0.00	39.29 -4.22 0.00	42.00 -4.82 0.00	49.74 -5.28 0.00	54.69 -5.28 0.00	48.13 -5.23 0.00	43.18 -4.27 0.00	39.77 -3.46 0.00	35.95 -3.25 0.00	36.69 -3.10 0.00
LOCKPORT___CC2 323770	38.54 -2.50 0.00	36.92 -2.53 0.00	35.27 -2.37 0.00	35.58 -2.03 0.00	35.26 -2.25 0.00	37.92 -2.46 0.00	49.04 -3.47 0.00	50.11 -3.66 0.00	45.32 -3.83 0.00	44.86 -3.32 0.00	45.82 -3.45 0.00	43.84 -3.97 0.00	42.55 -4.05 0.00	40.14 -4.02 0.00	39.18 -4.25 0.00	39.29 -4.22 0.00	42.00 -4.82 0.00	49.74 -5.28 0.00	54.69 -5.28 0.00	48.13 -5.23 0.00	43.18 -4.27 0.00	39.77 -3.46 0.00	35.95 -3.25 0.00	36.69 -3.10 0.00
LOCKPORT___CC3 323771	38.54 -2.50 0.00	36.92 -2.53 0.00	35.27 -2.37 0.00	35.58 -2.03 0.00	35.26 -2.25 0.00	37.92 -2.46 0.00	49.04 -3.47 0.00	50.11 -3.66 0.00	45.32 -3.83 0.00	44.86 -3.32 0.00	45.82 -3.45 0.00	43.84 -3.97 0.00	42.55 -4.05 0.00	40.14 -4.02 0.00	39.18 -4.25 0.00	39.29 -4.22 0.00	42.00 -4.82 0.00	49.74 -5.28 0.00	54.69 -5.28 0.00	48.13 -5.23 0.00	43.18 -4.27 0.00	39.77 -3.46 0.00	35.95 -3.25 0.00	36.69 -3.10 0.00
LONG_LAKE_PHOENIX 24014	40.80 -0.25 0.00	39.16 -0.28 0.00	37.37 -0.26 0.00	37.34 -0.26 0.00	37.25 -0.26 0.00	40.18 -0.20 0.00	52.40 -0.11 0.00	53.77 0.00 0.00	49.21 0.05 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.81 0.00 0.00	46.65 0.05 0.00	44.15 0.00 0.00	43.26 -0.17 0.00	43.34 -0.17 0.00	46.63 -0.19 0.00	54.92 -0.11 0.00	59.90 -0.06 0.00	53.46 0.11 0.00	47.45 0.00 0.00	43.23 0.00 0.00	39.08 -0.12 0.00	39.59 -0.20 0.00
LOVETT___3 23632	42.15 1.11 0.00	40.58 1.14 0.00	38.65 1.02 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.56 1.17 0.00	53.97 1.47 0.00	55.44 1.67 0.00	50.88 1.72 0.00	49.78 1.59 0.00	50.85 1.58 0.00	49.44 1.63 0.00	48.00 1.40 0.00	45.57 1.41 0.00	45.00 1.56 0.00	45.08 1.57 0.00	48.60 1.78 0.00	57.23 2.20 0.00	62.54 2.58 0.00	55.49 2.13 0.00	49.40 1.95 0.00	44.96 1.73 0.00	40.85 1.65 0.00	41.38 1.59 0.00
LOVETT___4 23642	42.15 1.11 0.00	40.58 1.14 0.00	38.65 1.02 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.56 1.17 0.00	53.97 1.47 0.00	55.44 1.67 0.00	50.88 1.72 0.00	49.78 1.59 0.00	50.85 1.58 0.00	49.44 1.63 0.00	48.00 1.40 0.00	45.57 1.41 0.00	45.00 1.56 0.00	45.08 1.57 0.00	48.60 1.78 0.00	57.23 2.20 0.00	62.54 2.58 0.00	55.49 2.13 0.00	49.40 1.95 0.00	44.96 1.73 0.00	40.85 1.65 0.00	41.38 1.59 0.00
LOVETT___5 23593	42.15 1.11 0.00	40.58 1.14 0.00	38.65 1.02 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.56 1.17 0.00	53.97 1.47 0.00	55.44 1.67 0.00	50.88 1.72 0.00	49.78 1.59 0.00	50.85 1.58 0.00	49.44 1.63 0.00	48.00 1.40 0.00	45.57 1.41 0.00	45.00 1.56 0.00	45.08 1.57 0.00	48.60 1.78 0.00	57.23 2.20 0.00	62.54 2.58 0.00	55.49 2.13 0.00	49.40 1.95 0.00	44.96 1.73 0.00	40.85 1.65 0.00	41.38 1.59 0.00
LOWER RAQUET___HYD 24057	42.69 1.64 0.00	41.02 1.58 0.00	39.10 1.47 0.00	39.04 1.43 0.00	38.71 1.20 0.00	41.39 1.01 0.00	53.61 1.10 0.00	54.90 1.13 0.00	49.79 0.64 0.00	48.95 0.77 0.00	50.06 0.79 0.00	48.82 1.01 0.00	48.09 1.49 0.00	45.83 1.68 0.00	45.00 1.56 0.00	45.07 1.56 0.00	48.13 1.31 0.00	56.18 1.16 0.00	60.56 0.60 0.00	53.84 0.48 0.00	48.02 0.57 0.00	44.05 0.82 0.00	39.94 0.74 0.00	40.63 0.84 0.00
LOWER___HUDSON 24059	42.48 1.44 0.00	40.86 1.42 0.00	38.95 1.32 0.00	38.92 1.32 0.00	38.94 1.43 0.00	41.84 1.45 0.00	54.50 1.99 0.00	55.65 1.88 0.00	51.12 1.97 0.00	49.87 1.69 0.00	51.00 1.72 0.00	49.53 1.72 0.00	48.23 1.63 0.00	45.70 1.54 0.00	45.04 1.61 0.00	45.16 1.65 0.00	48.64 1.82 0.00	57.12 2.09 0.00	62.48 2.52 0.00	55.55 2.19 0.00	49.35 1.90 0.00	45.18 1.95 0.00	41.00 1.80 0.00	41.62 1.83 0.00
LOWVILLE_115KV_TB2 356335	42.64 1.60 0.00	40.86 1.42 0.00	38.84 1.20 0.00	38.92 1.32 0.00	38.75 1.24 0.00	41.72 1.33 0.00	54.50 2.00 0.00	55.92 2.15 0.00	50.83 1.67 0.00	49.97 1.78 0.00	51.10 1.82 0.00	49.53 1.72 0.00	48.37 1.77 0.00	45.96 1.81 0.00	45.13 1.69 0.00	45.21 1.70 0.00	48.64 1.83 0.00	57.01 1.98 0.00	62.06 2.10 0.00	55.28 1.92 0.00	49.11 1.66 0.00	44.79 1.56 0.00	40.45 1.25 0.00	40.98 1.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.97 1.93 0.00	41.29 1.85 0.00	39.33 1.69 0.00	39.37 1.77 0.00	39.31 1.80 0.00	42.40 2.02 0.00	55.39 2.89 0.00	56.51 2.74 0.00	52.01 2.85 0.00	50.79 2.60 0.00	51.93 2.66 0.00	50.39 2.58 0.00	49.07 2.47 0.00	46.45 2.30 0.00	45.74 2.30 0.00	45.86 2.35 0.00	49.30 2.48 0.00	57.83 2.81 0.00	63.44 3.48 0.00	56.29 2.93 0.00	50.01 2.56 0.00	45.61 2.38 0.00	41.83 2.63 0.00	42.49 2.71 0.00

LUTHERNY_35_KV_BK2 355980	43.01 1.97 0.00	41.33 1.89 0.00	39.37 1.73 0.00	39.41 1.81 0.00	39.35 1.84 0.00	42.44 2.06 0.00	55.44 2.94 0.00	56.56 2.80 0.00	52.01 2.85 0.00	50.84 2.65 0.00	51.98 2.71 0.00	50.44 2.63 0.00	49.07 2.47 0.00	46.49 2.34 0.00	45.78 2.35 0.00	45.90 2.39 0.00	49.34 2.53 0.00	57.89 2.86 0.00	63.44 3.48 0.00	56.35 2.99 0.00	50.06 2.61 0.00	45.66 2.42 0.00	41.86 2.67 0.00	42.53 2.75 0.00
LWR___OSWEGATCHIE_HYD 23850	42.56 1.52 0.00	40.82 1.38 0.00	38.84 1.20 0.00	38.85 1.24 0.00	38.60 1.09 0.00	41.39 1.01 0.00	53.87 1.37 0.00	55.22 1.45 0.00	50.14 0.98 0.00	49.29 1.11 0.00	50.41 1.13 0.00	49.01 1.20 0.00	48.10 1.49 0.00	45.79 1.63 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.22 1.40 0.00	56.40 1.38 0.00	61.10 1.14 0.00	54.37 1.01 0.00	48.45 1.00 0.00	44.27 1.04 0.00	40.06 0.86 0.00	40.70 0.92 0.00
LYONS_FALL_HYD 23570	42.44 1.40 0.00	40.66 1.22 0.00	38.69 1.05 0.00	38.77 1.17 0.00	38.60 1.09 0.00	41.60 1.21 0.00	54.34 1.84 0.00	55.70 1.93 0.00	50.73 1.57 0.00	49.83 1.64 0.00	50.95 1.68 0.00	49.39 1.58 0.00	48.23 1.63 0.00	45.74 1.59 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.41 1.59 0.00	56.84 1.81 0.00	61.94 1.98 0.00	55.07 1.71 0.00	48.97 1.52 0.00	44.66 1.42 0.00	40.34 1.14 0.00	40.86 1.07 0.00
MADISON___COUNTY_LFGE 323628	42.11 1.07 0.00	40.39 0.95 0.00	38.50 0.87 0.00	38.51 0.90 0.00	38.41 0.90 0.00	41.43 1.05 0.00	54.08 1.58 0.00	55.44 1.67 0.00	50.63 1.47 0.00	49.68 1.49 0.00	50.80 1.53 0.00	49.20 1.39 0.00	47.96 1.35 0.00	45.43 1.28 0.00	44.61 1.17 0.00	44.69 1.17 0.00	48.03 1.22 0.00	56.46 1.43 0.00	61.58 1.62 0.00	54.85 1.49 0.00	48.78 1.33 0.00	44.40 1.17 0.00	40.10 0.90 0.00	40.66 0.88 0.00
MALONE___115KV_TB1 356076	43.26 2.22 0.00	41.61 2.17 0.00	39.74 2.11 0.00	39.64 2.03 0.00	39.39 1.88 0.00	42.32 1.94 0.00	54.97 2.47 0.00	56.24 2.47 0.00	50.88 1.72 0.00	50.07 1.88 0.00	51.24 1.97 0.00	49.82 2.01 0.00	48.89 2.28 0.00	46.49 2.34 0.00	45.56 2.13 0.00	45.73 2.22 0.00	48.92 2.11 0.00	57.28 2.26 0.00	61.70 1.74 0.00	54.75 1.39 0.00	48.64 1.19 0.00	44.32 1.08 0.00	40.02 0.82 0.00	40.78 0.99 0.00
MAPLEWOD_115KV_TB3 80458	42.03 0.99 0.00	40.43 0.99 0.00	38.61 0.98 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.52 1.13 0.00	53.82 1.31 0.00	54.95 1.18 0.00	50.48 1.33 0.00	49.34 1.16 0.00	50.51 1.23 0.00	49.05 1.24 0.00	47.77 1.17 0.00	45.26 1.10 0.00	44.65 1.22 0.00	44.73 1.22 0.00	48.17 1.36 0.00	56.57 1.54 0.00	61.88 1.92 0.00	54.91 1.55 0.00	48.83 1.38 0.00	44.53 1.30 0.00	40.49 1.29 0.00	41.18 1.39 0.00
MAPLE_RIDGE_WT_1 323574	41.17 0.12 0.00	39.52 0.08 0.00	37.64 0.00 0.00	37.49 -0.11 0.00	37.29 -0.22 0.00	40.10 -0.28 0.00	52.08 -0.42 0.00	53.34 -0.43 0.00	48.66 -0.49 0.00	47.80 -0.39 0.00	48.93 -0.34 0.00	47.57 -0.24 0.00	46.46 -0.14 0.00	43.98 -0.18 0.00	43.22 -0.22 0.00	43.21 -0.30 0.00	46.39 -0.42 0.00	54.48 -0.55 0.00	59.30 -0.66 0.00	52.77 -0.59 0.00	46.83 -0.62 0.00	42.59 -0.65 0.00	38.53 -0.67 0.00	39.11 -0.68 0.00
MAPLE_RIDGE_WT_2 323611	41.17 0.12 0.00	39.52 0.08 0.00	37.64 0.00 0.00	37.49 -0.11 0.00	37.29 -0.22 0.00	40.10 -0.28 0.00	52.08 -0.42 0.00	53.34 -0.43 0.00	48.66 -0.49 0.00	47.80 -0.39 0.00	48.93 -0.34 0.00	47.57 -0.24 0.00	46.46 -0.14 0.00	43.98 -0.18 0.00	43.22 -0.22 0.00	43.21 -0.30 0.00	46.39 -0.42 0.00	54.48 -0.55 0.00	59.30 -0.66 0.00	52.77 -0.59 0.00	46.83 -0.62 0.00	42.59 -0.65 0.00	38.53 -0.67 0.00	39.11 -0.68 0.00
MARBLE_RIVER_WT_PWR 323696	43.42 2.38 0.00	41.89 2.45 0.00	40.05 2.41 0.00	39.94 2.33 0.00	39.65 2.14 0.00	42.60 2.22 0.00	54.66 2.15 0.00	55.81 2.04 0.00	50.53 1.37 0.00	49.68 1.50 0.00	50.90 1.62 0.00	49.67 1.86 0.00	48.84 2.24 0.00	46.45 2.29 0.00	45.56 2.13 0.00	45.73 2.22 0.00	48.87 2.06 0.00	57.06 2.04 0.00	60.92 0.96 0.00	53.63 0.27 0.00	47.40 -0.05 0.00	43.02 -0.22 0.00	38.77 -0.43 0.00	39.91 0.12 0.00
MARSHVLE_115KV_TB1 80742	43.87 2.83 0.00	42.12 2.68 0.00	40.08 2.45 0.00	40.09 2.48 0.00	40.03 2.51 0.00	43.29 2.91 0.00	56.76 4.25 0.00	58.39 4.62 0.00	53.48 4.33 0.00	52.19 4.00 0.00	53.17 3.89 0.00	51.25 3.44 0.00	49.96 3.36 0.00	47.24 3.09 0.00	46.43 3.00 0.00	46.56 3.05 0.00	50.28 3.46 0.00	58.93 3.91 0.00	64.64 4.68 0.00	57.47 4.11 0.00	51.06 3.61 0.00	46.56 3.33 0.00	42.10 2.90 0.00	42.69 2.90 0.00
MARSH_HILL_WT_PWR 323713	40.88 -0.16 0.00	39.12 -0.32 0.00	37.15 -0.49 0.00	37.19 -0.41 0.00	36.84 -0.67 0.00	39.86 -0.53 0.00	51.98 -0.52 0.00	53.39 -0.37 0.00	48.52 -0.64 0.00	47.61 -0.58 0.00	48.48 -0.79 0.00	46.38 -1.43 0.00	44.97 -1.63 0.00	42.12 -2.03 0.00	40.91 -2.52 0.00	40.94 -2.57 0.00	44.05 -2.76 0.00	52.38 -2.64 0.00	57.45 -2.52 0.00	51.17 -2.19 0.00	45.79 -1.66 0.00	41.81 -1.43 0.00	37.63 -1.57 0.00	38.12 -1.67 0.00
MCINTYRE_115KV_TB2 80467	43.38 2.34 0.00	41.65 2.21 0.00	39.71 2.07 0.00	39.68 2.07 0.00	39.39 1.88 0.00	42.24 1.86 0.00	54.87 2.36 0.00	56.13 2.37 0.00	50.88 1.72 0.00	50.02 1.83 0.00	51.10 1.82 0.00	49.72 1.91 0.00	48.84 2.24 0.00	46.49 2.34 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.02 2.20 0.00	57.34 2.31 0.00	62.00 2.04 0.00	55.12 1.76 0.00	49.11 1.66 0.00	44.88 1.64 0.00	40.61 1.41 0.00	41.30 1.51 0.00
MECO_____69_KV_BK1 80468	44.20 3.16 0.00	42.44 3.00 0.00	40.42 2.79 0.00	40.43 2.82 0.00	40.36 2.85 0.00	43.62 3.23 0.00	57.23 4.73 0.00	58.55 4.79 0.00	53.68 4.52 0.00	52.38 4.19 0.00	53.41 4.14 0.00	51.64 3.82 0.00	50.33 3.73 0.00	47.60 3.44 0.00	46.78 3.34 0.00	46.99 3.48 0.00	50.70 3.89 0.00	59.43 4.40 0.00	65.24 5.28 0.00	58.00 4.64 0.00	51.53 4.08 0.00	46.87 3.63 0.00	42.45 3.25 0.00	43.09 3.30 0.00
MENANDS___115KV_TB5 355628	41.86 0.82 0.00	40.23 0.79 0.00	38.46 0.83 0.00	38.51 0.90 0.00	38.41 0.90 0.00	41.31 0.93 0.00	53.45 0.95 0.00	54.57 0.81 0.00	50.14 0.98 0.00	49.00 0.82 0.00	50.16 0.89 0.00	48.72 0.91 0.00	47.44 0.84 0.00	44.99 0.84 0.00	44.35 0.91 0.00	44.42 0.91 0.00	47.85 1.03 0.00	56.18 1.16 0.00	61.46 1.50 0.00	54.59 1.23 0.00	48.50 1.04 0.00	44.23 0.99 0.00	40.30 1.10 0.00	40.98 1.19 0.00
MG INDUSTRY___DRP 24185	41.90 0.86 0.00	40.31 0.87 0.00	38.50 0.87 0.00	38.51 0.90 0.00	38.41 0.90 0.00	41.31 0.93 0.00	53.50 1.00 0.00	54.63 0.86 0.00	50.09 0.93 0.00	49.00 0.82 0.00	50.11 0.84 0.00	48.62 0.81 0.00	47.35 0.75 0.00	44.86 0.71 0.00	44.22 0.78 0.00	44.34 0.83 0.00	47.75 0.94 0.00	56.13 1.10 0.00	61.34 1.38 0.00	54.53 1.17 0.00	48.45 1.00 0.00	44.19 0.95 0.00	40.22 1.02 0.00	40.94 1.15 0.00

MID___OSWEGATCHIE_HYD 23849	42.56 1.52 0.00	40.82 1.38 0.00	38.84 1.20 0.00	38.85 1.24 0.00	38.60 1.09 0.00	41.39 1.01 0.00	53.87 1.37 0.00	55.22 1.45 0.00	50.14 0.98 0.00	49.29 1.11 0.00	50.41 1.13 0.00	49.01 1.20 0.00	48.10 1.49 0.00	45.79 1.63 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.22 1.40 0.00	56.40 1.38 0.00	61.10 1.14 0.00	54.37 1.01 0.00	48.45 1.00 0.00	44.27 1.04 0.00	40.06 0.86 0.00	40.70 0.92 0.00
MID___RAQUETTE_HYD 23851	42.68 1.64 0.00	40.98 1.54 0.00	39.10 1.47 0.00	39.04 1.43 0.00	38.71 1.20 0.00	41.39 1.01 0.00	53.61 1.10 0.00	54.90 1.13 0.00	49.79 0.64 0.00	48.96 0.77 0.00	50.06 0.79 0.00	48.81 1.00 0.00	48.10 1.49 0.00	45.83 1.68 0.00	45.00 1.56 0.00	45.08 1.57 0.00	48.13 1.31 0.00	56.18 1.16 0.00	60.56 0.60 0.00	53.84 0.48 0.00	48.02 0.57 0.00	44.06 0.82 0.00	39.94 0.74 0.00	40.62 0.84 0.00
MILLIKEN___1 23584	41.45 0.41 0.00	39.76 0.32 0.00	37.94 0.30 0.00	37.91 0.30 0.00	37.81 0.30 0.00	40.83 0.44 0.00	53.24 0.74 0.00	54.63 0.86 0.00	49.94 0.79 0.00	48.91 0.72 0.00	49.91 0.64 0.00	48.29 0.48 0.00	47.12 0.51 0.00	44.51 0.35 0.00	43.65 0.22 0.00	43.77 0.26 0.00	47.19 0.37 0.00	55.63 0.61 0.00	60.74 0.78 0.00	54.27 0.91 0.00	48.16 0.71 0.00	43.84 0.61 0.00	39.59 0.39 0.00	40.11 0.32 0.00
MILLIKEN___2 23585	41.45 0.41 0.00	39.76 0.32 0.00	37.94 0.30 0.00	37.91 0.30 0.00	37.81 0.30 0.00	40.83 0.44 0.00	53.24 0.74 0.00	54.63 0.86 0.00	49.94 0.79 0.00	48.91 0.72 0.00	49.91 0.64 0.00	48.29 0.48 0.00	47.12 0.51 0.00	44.51 0.35 0.00	43.65 0.22 0.00	43.77 0.26 0.00	47.19 0.37 0.00	55.63 0.61 0.00	60.74 0.78 0.00	54.27 0.91 0.00	48.16 0.71 0.00	43.84 0.61 0.00	39.59 0.39 0.00	40.11 0.32 0.00
MILLIKEN___DIESEL 23629	41.45 0.41 0.00	39.76 0.32 0.00	37.94 0.30 0.00	37.91 0.30 0.00	37.81 0.30 0.00	40.83 0.44 0.00	53.24 0.74 0.00	54.63 0.86 0.00	49.94 0.79 0.00	48.91 0.72 0.00	49.91 0.64 0.00	48.29 0.48 0.00	47.12 0.51 0.00	44.51 0.35 0.00	43.65 0.22 0.00	43.77 0.26 0.00	47.19 0.37 0.00	55.63 0.61 0.00	60.74 0.78 0.00	54.27 0.91 0.00	48.16 0.71 0.00	43.84 0.61 0.00	39.59 0.39 0.00	40.11 0.32 0.00
MILLSEAT___LFGE 323607	39.32 -1.72 0.00	37.67 -1.77 0.00	36.02 -1.62 0.00	36.25 -1.35 0.00	35.94 -1.57 0.00	38.77 -1.62 0.00	50.30 -2.20 0.00	51.51 -2.26 0.00	46.55 -2.61 0.00	46.12 -2.07 0.00	47.11 -2.17 0.00	45.04 -2.77 0.00	43.71 -2.89 0.00	41.24 -2.92 0.00	40.22 -3.21 0.00	40.38 -3.13 0.00	43.17 -3.65 0.00	51.28 -3.74 0.00	56.42 -3.54 0.00	49.57 -3.79 0.00	44.37 -3.08 0.00	40.77 -2.46 0.00	36.85 -2.35 0.00	37.48 -2.31 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.32 1.27 0.00	40.70 1.26 0.00	38.76 1.13 0.00	38.77 1.17 0.00	38.68 1.16 0.00	41.72 1.33 0.00	54.29 1.79 0.00	55.76 1.99 0.00	51.17 2.02 0.00	50.11 1.93 0.00	51.19 1.92 0.00	49.72 1.91 0.00	48.33 1.72 0.00	45.83 1.68 0.00	45.26 1.82 0.00	45.34 1.83 0.00	48.92 2.11 0.00	57.56 2.53 0.00	62.90 2.94 0.00	55.81 2.45 0.00	49.68 2.23 0.00	45.18 1.95 0.00	40.96 1.76 0.00	41.54 1.75 0.00
MILLWOOD_13_KV_LOAD 356217	42.36 1.31 0.00	40.78 1.34 0.00	38.84 1.20 0.00	38.85 1.24 0.00	38.75 1.24 0.00	41.76 1.37 0.00	54.39 1.89 0.00	55.87 2.10 0.00	51.27 2.11 0.00	50.21 2.02 0.00	51.34 2.07 0.00	49.87 2.06 0.00	48.42 1.82 0.00	45.92 1.77 0.00	45.34 1.91 0.00	45.47 1.96 0.00	49.02 2.20 0.00	57.67 2.64 0.00	63.02 3.06 0.00	55.92 2.56 0.00	49.78 2.33 0.00	45.22 1.99 0.00	41.04 1.84 0.00	41.58 1.79 0.00
MODEL_CITY_ENERGY 24167	38.05 -2.99 0.00	36.44 -3.00 0.00	34.85 -2.78 0.00	35.12 -2.48 0.00	34.85 -2.66 0.00	37.44 -2.95 0.00	48.41 -4.10 0.00	49.46 -4.30 0.00	44.78 -4.38 0.00	44.28 -3.90 0.00	45.23 -4.04 0.00	43.27 -4.54 0.00	42.04 -4.57 0.00	39.61 -4.55 0.00	38.66 -4.78 0.00	38.81 -4.70 0.00	41.48 -5.34 0.00	49.08 -5.94 0.00	53.97 -6.00 0.00	47.49 -5.87 0.00	42.66 -4.79 0.00	39.26 -3.98 0.00	35.47 -3.72 0.00	36.25 -3.54 0.00
MODERN_LFGE___ 323580	38.05 -2.99 0.00	36.44 -3.00 0.00	34.85 -2.78 0.00	35.12 -2.48 0.00	34.85 -2.66 0.00	37.44 -2.95 0.00	48.41 -4.10 0.00	49.46 -4.30 0.00	44.78 -4.38 0.00	44.28 -3.90 0.00	45.23 -4.04 0.00	43.27 -4.54 0.00	42.04 -4.57 0.00	39.61 -4.55 0.00	38.66 -4.78 0.00	38.81 -4.70 0.00	41.48 -5.34 0.00	49.08 -5.94 0.00	53.97 -6.00 0.00	47.49 -5.87 0.00	42.66 -4.79 0.00	39.26 -3.98 0.00	35.47 -3.72 0.00	36.25 -3.54 0.00
MOHAWK_PAPER___DRP 24187	42.03 0.99 0.00	40.43 0.99 0.00	38.61 0.98 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.52 1.13 0.00	53.82 1.31 0.00	54.95 1.18 0.00	50.48 1.33 0.00	49.34 1.16 0.00	50.51 1.23 0.00	49.05 1.24 0.00	47.77 1.17 0.00	45.26 1.10 0.00	44.65 1.22 0.00	44.73 1.22 0.00	48.17 1.36 0.00	56.57 1.54 0.00	61.88 1.92 0.00	54.91 1.55 0.00	48.83 1.38 0.00	44.53 1.30 0.00	40.49 1.29 0.00	41.18 1.39 0.00
MOHICAN___35_KV_115KV_LD 80490	43.30 2.26 0.00	41.61 2.17 0.00	39.59 1.96 0.00	39.68 2.07 0.00	39.61 2.10 0.00	42.81 2.42 0.00	56.02 3.52 0.00	57.05 3.28 0.00	52.60 3.44 0.00	51.41 3.23 0.00	52.48 3.20 0.00	50.97 3.16 0.00	49.54 2.94 0.00	46.93 2.78 0.00	46.17 2.74 0.00	46.30 2.78 0.00	49.72 2.90 0.00	58.22 3.19 0.00	63.92 3.96 0.00	56.77 3.41 0.00	50.39 2.94 0.00	46.00 2.77 0.00	42.77 3.57 0.00	43.49 3.70 0.00
MONGAUP___HYD 23641	42.44 1.40 0.00	40.82 1.38 0.00	38.88 1.24 0.00	38.85 1.24 0.00	38.79 1.28 0.00	41.80 1.41 0.00	54.50 1.99 0.00	55.81 2.04 0.00	51.02 1.87 0.00	49.92 1.73 0.00	50.85 1.58 0.00	49.44 1.63 0.00	48.00 1.40 0.00	45.48 1.32 0.00	44.91 1.48 0.00	45.12 1.61 0.00	48.87 2.06 0.00	57.61 2.59 0.00	62.78 2.82 0.00	55.97 2.61 0.00	49.73 2.28 0.00	45.05 1.82 0.00	40.96 1.77 0.00	41.54 1.75 0.00
MONTAUK___DIESEL 23721	43.59 2.54 0.00	41.61 2.17 0.00	39.10 1.47 0.00	38.51 0.90 0.00	37.93 0.41 0.00	41.68 1.29 0.00	61.37 2.73 -6.13	57.70 2.26 -1.67	47.16 1.18 3.18	41.30 1.30 8.18	39.38 0.69 10.59	39.35 0.57 9.03	34.03 0.19 12.76	33.87 0.35 10.64	39.25 0.74 4.93	39.71 0.78 4.58	43.93 0.84 3.73	52.89 1.10 3.24	63.44 2.58 -0.90	56.62 1.55 -1.72	46.55 1.00 1.90	46.86 0.69 -2.93	43.47 0.74 -3.53	41.71 1.67 -0.25
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.80 -0.25 0.00	39.01 -0.43 0.00	37.30 -0.34 0.00	36.86 -0.75 0.00	36.88 -0.64 0.00	39.78 -0.61 0.00	51.87 -0.63 0.00	53.02 -0.75 0.00	47.68 -1.47 0.00	46.69 -1.49 0.00	47.20 -2.07 0.00	45.47 -2.34 0.00	43.99 -2.61 0.00	41.37 -2.78 0.00	40.31 -3.13 0.00	40.55 -2.96 0.00	43.40 -3.42 0.00	50.84 -4.18 0.00	55.47 -4.50 0.00	49.78 -3.58 0.00	44.65 -2.80 0.00	40.94 -2.29 0.00	36.85 -2.35 0.00	37.56 -2.23 0.00

MORRIS RIDGE___SOLAR 323848	40.02 -1.02 0.00	38.34 -1.10 0.00	36.54 -1.09 0.00	36.70 -0.90 0.00	36.42 -1.09 0.00	39.25 -1.13 0.00	51.03 -1.47 0.00	52.26 -1.51 0.00	47.39 -1.77 0.00	46.60 -1.59 0.00	47.40 -1.87 0.00	45.47 -2.34 0.00	44.13 -2.47 0.00	41.46 -2.69 0.00	40.48 -2.95 0.00	40.64 -2.87 0.00	43.63 -3.19 0.00	51.78 -3.25 0.00	56.84 -3.12 0.00	50.42 -2.93 0.00	45.13 -2.32 0.00	41.33 -1.90 0.00	37.24 -1.96 0.00	37.84 -1.95 0.00
MORTIMER_115KV_TB3 55949	39.48 -1.56 0.00	37.82 -1.62 0.00	36.21 -1.43 0.00	35.99 -1.62 0.00	36.05 -1.46 0.00	38.89 -1.49 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	46.99 -2.16 0.00	46.35 -1.83 0.00	47.20 -2.07 0.00	45.61 -2.20 0.00	44.37 -2.24 0.00	41.90 -2.25 0.00	41.00 -2.43 0.00	41.07 -2.44 0.00	44.05 -2.76 0.00	51.78 -3.25 0.00	56.42 -3.54 0.00	50.53 -2.83 0.00	45.13 -2.33 0.00	41.25 -1.99 0.00	37.28 -1.92 0.00	37.88 -1.91 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.13 2.77 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
MUNSVILLE_WIND_PWR 323609	44.49 3.45 0.00	42.48 3.04 0.00	40.35 2.71 0.00	40.62 3.01 0.00	40.33 2.81 0.00	43.62 3.23 0.00	57.28 4.78 0.00	58.82 5.05 0.00	53.33 4.18 0.00	52.47 4.29 0.00	53.51 4.24 0.00	51.87 4.06 0.00	50.71 4.10 0.00	47.82 3.66 0.00	46.73 3.30 0.00	46.82 3.31 0.00	50.51 3.70 0.00	59.65 4.62 0.00	65.30 5.33 0.00	58.00 4.64 0.00	51.53 4.08 0.00	46.87 3.63 0.00	42.02 2.82 0.00	42.57 2.78 0.00
N SALMON___HYD 24042	43.26 2.21 0.00	41.61 2.17 0.00	39.74 2.11 0.00	39.64 2.03 0.00	39.39 1.87 0.00	42.32 1.94 0.00	54.97 2.47 0.00	56.24 2.47 0.00	50.88 1.72 0.00	50.06 1.88 0.00	51.25 1.97 0.00	49.82 2.01 0.00	48.89 2.28 0.00	46.49 2.34 0.00	45.56 2.13 0.00	45.73 2.22 0.00	48.93 2.11 0.00	57.28 2.26 0.00	61.70 1.74 0.00	54.74 1.39 0.00	48.64 1.19 0.00	44.32 1.08 0.00	40.02 0.82 0.00	40.78 1.00 0.00
N.AKRON__115KV_KNAPP 355671	39.40 -1.64 0.00	37.67 -1.77 0.00	36.09 -1.54 0.00	35.76 -1.84 0.00	35.90 -1.61 0.00	38.69 -1.70 0.00	50.19 -2.31 0.00	51.40 -2.37 0.00	46.45 -2.70 0.00	45.92 -2.26 0.00	46.56 -2.71 0.00	44.89 -2.92 0.00	43.62 -2.98 0.00	41.11 -3.05 0.00	40.13 -3.30 0.00	40.25 -3.26 0.00	43.07 -3.75 0.00	50.51 -4.51 0.00	54.99 -4.98 0.00	49.52 -3.84 0.00	44.41 -3.04 0.00	40.68 -2.55 0.00	36.77 -2.43 0.00	37.40 -2.39 0.00
N.BELMOR_69_KV_BK1 55787	43.30 2.26 0.00	41.57 2.13 0.00	39.48 1.84 0.00	39.41 1.81 0.00	39.31 1.80 0.00	42.61 2.22 0.00	61.68 3.05 -6.13	58.72 3.28 -1.67	52.20 3.05 0.00	51.96 3.08 -0.69	55.81 3.10 -3.43	51.33 3.11 -0.41	49.35 2.75 0.00	46.85 2.69 0.00	51.58 2.87 -5.28	54.29 2.87 -7.90	56.52 3.23 -6.47	58.88 3.85 0.00	65.24 4.38 -0.90	58.81 3.74 -1.72	55.64 3.37 -4.82	50.64 2.98 -4.42	45.47 2.74 -3.53	42.74 2.71 -0.25
N.E_GEN_SANDY PD 24062	42.19 1.15 0.00	40.58 1.14 0.00	38.69 1.05 0.00	38.66 1.05 0.00	38.71 1.20 0.00	41.68 1.29 0.00	54.29 1.79 0.00	55.63 1.67 -0.19	50.73 1.77 0.19	49.63 1.44 0.00	50.75 1.48 0.00	49.34 1.53 0.00	48.05 1.45 0.00	45.52 1.37 0.00	44.95 1.52 0.00	45.03 1.52 0.00	48.60 1.78 0.00	57.12 2.09 0.00	63.05 2.40 -0.69	55.49 2.14 0.00	49.30 1.85 0.00	44.97 1.73 0.00	40.81 1.61 0.00	41.42 1.63 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.19 1.15 0.00	40.62 1.18 0.00	38.69 1.05 0.00	38.70 1.09 0.00	38.60 1.09 0.00	41.60 1.21 0.00	54.08 1.58 0.00	55.49 1.72 0.00	50.93 1.77 0.00	49.82 1.64 0.00	50.90 1.63 0.00	49.48 1.67 0.00	48.10 1.49 0.00	45.61 1.46 0.00	45.04 1.61 0.00	45.12 1.61 0.00	48.69 1.87 0.00	57.28 2.26 0.00	62.60 2.64 0.00	55.60 2.24 0.00	49.49 2.04 0.00	45.01 1.77 0.00	40.88 1.69 0.00	41.42 1.63 0.00
N.QUEENS_27_KV_LOAD 356247	43.05 2.01 0.00	41.38 1.93 -0.01	39.37 1.73 -0.01	39.41 1.81 0.00	39.35 1.84 0.00	42.08 1.70 0.00	54.55 2.05 0.00	55.97 2.20 0.00	51.52 2.36 0.00	50.55 2.36 0.00	51.64 2.37 0.00	50.20 2.39 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.74 2.30 0.00	45.82 2.31 0.00	49.34 2.53 0.00	57.94 2.92 0.00	63.14 3.18 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.53 2.29 0.00	41.40 2.20 -0.01	41.95 2.15 -0.01
N.TROY___115KV_TB1 355778	42.32 1.27 0.00	40.70 1.26 0.00	38.80 1.17 0.00	38.89 1.28 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.50 2.00 0.00	55.65 1.88 0.00	51.12 1.97 0.00	49.87 1.69 0.00	51.05 1.77 0.00	49.53 1.72 0.00	48.23 1.63 0.00	45.70 1.55 0.00	45.08 1.65 0.00	45.16 1.65 0.00	48.64 1.83 0.00	57.23 2.20 0.00	62.60 2.64 0.00	55.60 2.24 0.00	49.35 1.90 0.00	45.05 1.82 0.00	41.00 1.80 0.00	41.62 1.83 0.00
NARROWS_GT1_1 24228	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT1_2 24229	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT1_3 24230	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT1_4 24231	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82

NARROWS_GT1_5 24232	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT1_6 24233	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT1_7 24234	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT1_8 24235	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT2_1 24236	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT2_2 24237	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT2_3 24238	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT2_4 24239	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT2_5 24240	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT2_6 24241	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT2_7 24242	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NARROWS_GT2_8 24243	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.77 1.72 0.00	41.18 1.74 0.00	39.29 1.66 0.00	39.34 1.73 0.00	39.24 1.73 0.00	42.16 1.78 0.00	54.66 2.15 0.00	55.70 1.94 0.00	51.02 1.87 0.00	49.78 1.59 0.00	50.75 1.48 0.00	49.24 1.43 0.00	47.91 1.30 0.00	45.34 1.19 0.00	44.74 1.30 0.00	44.99 1.48 0.00	48.64 1.83 0.00	57.28 2.26 0.00	62.66 2.70 0.00	55.60 2.24 0.00	49.35 1.90 0.00	44.83 1.60 0.00	40.92 1.72 0.00	41.70 1.91 0.00
NCHELSEA_115KV_TR2 355582	42.56 1.52 0.00	40.98 1.54 0.00	38.99 1.35 0.00	39.04 1.43 0.00	38.94 1.43 0.00	41.96 1.58 0.00	54.71 2.21 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.31 2.12 0.00	51.39 2.12 0.00	49.91 2.10 0.00	48.51 1.91 0.00	45.96 1.81 0.00	45.39 1.95 0.00	45.51 2.00 0.00	49.11 2.29 0.00	57.89 2.86 0.00	63.26 3.30 0.00	56.13 2.77 0.00	49.92 2.47 0.00	45.31 2.08 0.00	41.16 1.96 0.00	41.70 1.91 0.00
NEG CAPITAL___MECHNVIL 23645	43.38 2.34 0.00	41.73 2.29 0.00	39.74 2.11 0.00	39.71 2.10 0.00	39.73 2.21 0.00	42.44 2.06 0.00	55.44 2.94 0.00	56.51 2.74 0.00	52.01 2.85 0.00	50.79 2.60 0.00	51.93 2.66 0.00	50.44 2.63 0.00	49.12 2.51 0.00	46.49 2.34 0.00	45.78 2.34 0.00	45.90 2.39 0.00	49.39 2.57 0.00	57.88 2.86 0.00	63.44 3.48 0.00	56.40 3.04 0.00	50.11 2.66 0.00	46.09 2.85 0.00	41.79 2.59 0.00	42.45 2.67 0.00

NEG CENTRAL_HIGH_ACRES 23767	38.95 -2.09 0.00	37.35 -2.09 0.00	35.72 -1.92 0.00	35.84 -1.77 0.00	35.60 -1.91 0.00	38.49 -1.90 0.00	50.04 -2.47 0.00	51.30 -2.47 0.00	46.70 -2.46 0.00	46.07 -2.12 0.00	47.11 -2.17 0.00	45.37 -2.44 0.00	44.18 -2.43 0.00	41.72 -2.43 0.00	40.83 -2.60 0.00	40.90 -2.61 0.00	43.87 -2.95 0.00	51.94 -3.08 0.00	56.91 -3.06 0.00	50.32 -3.04 0.00	44.79 -2.66 0.00	40.94 -2.29 0.00	37.04 -2.16 0.00	37.56 -2.23 0.00
NEG CENTRAL___DRP 24199	40.63 -0.41 0.00	38.97 -0.47 0.00	37.18 -0.45 0.00	37.12 -0.49 0.00	37.06 -0.45 0.00	40.02 -0.36 0.00	52.19 -0.32 0.00	53.55 -0.22 0.00	48.91 -0.25 0.00	47.94 -0.24 0.00	48.88 -0.39 0.00	47.24 -0.57 0.00	46.04 -0.56 0.00	43.49 -0.66 0.00	42.61 -0.83 0.00	42.73 -0.78 0.00	45.97 -0.84 0.00	54.25 -0.77 0.00	59.12 -0.84 0.00	52.93 -0.43 0.00	47.07 -0.38 0.00	42.80 -0.43 0.00	38.69 -0.51 0.00	39.23 -0.56 0.00
NEG CENTRAL___INDECK 23768	41.21 0.16 0.00	39.48 0.04 0.00	37.67 0.04 0.00	37.80 0.19 0.00	37.48 -0.04 0.00	40.63 0.24 0.00	52.98 0.47 0.00	54.42 0.65 0.00	49.35 0.20 0.00	48.57 0.38 0.00	49.47 0.20 0.00	47.38 -0.43 0.00	46.05 -0.56 0.00	43.31 -0.84 0.00	42.30 -1.13 0.00	42.47 -1.04 0.00	45.74 -1.07 0.00	54.53 -0.50 0.00	59.96 0.00 0.00	52.99 -0.37 0.00	47.17 -0.28 0.00	43.02 -0.22 0.00	38.81 -0.39 0.00	39.27 -0.52 0.00
NEG CENTRAL___SENECA 23627	40.84 -0.21 0.00	39.12 -0.32 0.00	37.37 -0.26 0.00	37.23 -0.38 0.00	37.21 -0.30 0.00	40.22 -0.16 0.00	52.50 0.00 0.00	53.88 0.11 0.00	49.11 -0.05 0.00	48.14 -0.05 0.00	49.08 -0.20 0.00	47.38 -0.43 0.00	46.09 -0.51 0.00	43.49 -0.66 0.00	42.61 -0.83 0.00	42.73 -0.78 0.00	45.97 -0.84 0.00	54.31 -0.72 0.00	59.12 -0.84 0.00	53.09 -0.27 0.00	47.17 -0.28 0.00	42.93 -0.30 0.00	38.77 -0.43 0.00	39.27 -0.52 0.00
NEG CENTRAL___STATE_STREET 24147	40.67 -0.37 0.00	39.01 -0.43 0.00	37.26 -0.38 0.00	37.19 -0.41 0.00	37.14 -0.38 0.00	40.10 -0.28 0.00	52.24 -0.26 0.00	53.61 -0.16 0.00	49.01 -0.15 0.00	48.04 -0.14 0.00	49.08 -0.20 0.00	47.48 -0.33 0.00	46.28 -0.33 0.00	43.76 -0.40 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.64 -0.39 0.00	59.60 -0.36 0.00	53.20 -0.16 0.00	47.31 -0.14 0.00	43.02 -0.22 0.00	38.89 -0.31 0.00	39.39 -0.40 0.00
NEG MILLWOOD___DRP 24198	42.73 1.68 0.00	41.10 1.66 0.00	39.14 1.51 0.00	39.19 1.58 0.00	39.05 1.54 0.00	42.12 1.74 0.00	54.92 2.42 0.00	56.30 2.53 0.00	51.81 2.65 0.00	50.64 2.46 0.00	51.84 2.56 0.00	50.30 2.49 0.00	48.84 2.24 0.00	46.27 2.12 0.00	45.69 2.26 0.00	45.86 2.35 0.00	49.44 2.62 0.00	58.16 3.14 0.00	63.62 3.66 0.00	56.45 3.09 0.00	50.20 2.75 0.00	45.53 2.29 0.00	41.32 2.12 0.00	41.90 2.11 0.00
NEG NORTH_FLCN_SEA 23793	43.59 2.54 0.00	42.00 2.56 0.00	40.16 2.52 0.00	40.01 2.41 0.00	39.76 2.25 0.00	42.73 2.34 0.00	54.76 2.26 0.00	55.97 2.20 0.00	50.63 1.47 0.00	49.82 1.64 0.00	51.00 1.72 0.00	49.72 1.91 0.00	48.84 2.24 0.00	46.45 2.30 0.00	45.56 2.13 0.00	45.69 2.18 0.00	48.88 2.06 0.00	57.17 2.15 0.00	61.22 1.26 0.00	54.05 0.69 0.00	47.88 0.43 0.00	43.49 0.26 0.00	39.20 0.00 0.00	40.47 0.68 0.00
NEG NORTH_KES_CHATEGAY 23792	42.44 1.40 0.00	40.86 1.42 0.00	39.03 1.39 0.00	38.92 1.32 0.00	38.71 1.20 0.00	41.64 1.25 0.00	53.92 1.42 0.00	55.17 1.40 0.00	50.04 0.88 0.00	49.20 1.01 0.00	50.36 1.08 0.00	49.01 1.20 0.00	48.00 1.40 0.00	45.57 1.41 0.00	44.74 1.30 0.00	44.86 1.35 0.00	48.13 1.31 0.00	56.40 1.38 0.00	60.74 0.78 0.00	53.84 0.48 0.00	47.78 0.33 0.00	43.45 0.22 0.00	39.24 0.04 0.00	40.07 0.28 0.00
NEG NORTH___ALICE_FALLS 23915	43.71 2.67 0.00	42.12 2.68 0.00	40.23 2.60 0.00	40.09 2.48 0.00	39.88 2.36 0.00	42.85 2.46 0.00	55.18 2.68 0.00	56.40 2.63 0.00	50.97 1.82 0.00	50.16 1.98 0.00	51.34 2.07 0.00	50.01 2.20 0.00	49.12 2.52 0.00	46.71 2.56 0.00	45.78 2.35 0.00	45.95 2.44 0.00	49.16 2.34 0.00	57.61 2.59 0.00	61.70 1.74 0.00	54.53 1.17 0.00	48.31 0.85 0.00	43.88 0.65 0.00	39.55 0.35 0.00	40.66 0.88 0.00
NEG NORTH___LWR_SARANAC 23913	43.71 2.67 0.00	42.12 2.68 0.00	40.23 2.60 0.00	40.09 2.48 0.00	39.88 2.36 0.00	42.85 2.46 0.00	55.18 2.68 0.00	56.40 2.63 0.00	50.97 1.82 0.00	50.16 1.98 0.00	51.34 2.07 0.00	50.01 2.20 0.00	49.12 2.52 0.00	46.71 2.56 0.00	45.78 2.35 0.00	45.95 2.44 0.00	49.16 2.34 0.00	57.61 2.59 0.00	61.70 1.74 0.00	54.53 1.17 0.00	48.31 0.85 0.00	43.88 0.65 0.00	39.55 0.35 0.00	40.66 0.88 0.00
NEG NORTH___PLATTSBURG 23628	43.71 2.67 0.00	42.12 2.68 0.00	40.23 2.59 0.00	40.09 2.48 0.00	39.88 2.36 0.00	42.85 2.46 0.00	55.18 2.68 0.00	56.40 2.63 0.00	50.98 1.82 0.00	50.16 1.98 0.00	51.34 2.07 0.00	50.01 2.20 0.00	49.12 2.51 0.00	46.71 2.56 0.00	45.78 2.34 0.00	45.95 2.44 0.00	49.16 2.34 0.00	57.61 2.59 0.00	61.70 1.74 0.00	54.53 1.17 0.00	48.31 0.86 0.00	43.92 0.69 0.00	39.55 0.35 0.00	40.66 0.87 0.00
NEG WEST_LEA_LOCKPORT 23791	38.66 -2.38 0.00	37.00 -2.45 0.00	35.45 -2.18 0.00	35.13 -2.48 0.00	35.26 -2.25 0.00	37.92 -2.46 0.00	49.04 -3.47 0.00	50.11 -3.66 0.00	45.32 -3.83 0.00	44.76 -3.42 0.00	45.38 -3.89 0.00	43.79 -4.02 0.00	42.55 -4.05 0.00	40.09 -4.06 0.00	39.18 -4.26 0.00	39.25 -4.26 0.00	41.99 -4.82 0.00	49.08 -5.94 0.00	53.37 -6.60 0.00	48.18 -5.18 0.00	43.32 -4.13 0.00	39.78 -3.46 0.00	35.95 -3.25 0.00	36.69 -3.10 0.00
NEG WEST___LANCASTR 23811	40.34 -0.70 0.00	38.57 -0.87 0.00	36.92 -0.72 0.00	36.63 -0.98 0.00	36.69 -0.83 0.00	39.50 -0.89 0.00	51.30 -1.21 0.00	52.59 -1.18 0.00	47.53 -1.62 0.00	46.74 -1.45 0.00	47.45 -1.82 0.00	45.80 -2.01 0.00	44.46 -2.14 0.00	41.90 -2.25 0.00	40.91 -2.52 0.00	41.12 -2.39 0.00	44.05 -2.76 0.00	51.72 -3.30 0.00	56.36 -3.60 0.00	50.74 -2.61 0.00	45.51 -1.95 0.00	41.72 -1.51 0.00	37.63 -1.57 0.00	38.20 -1.59 0.00
NEG_PENN_ALLEGHNY 23528	40.92 -0.12 0.00	39.28 -0.16 0.00	37.49 -0.15 0.00	37.53 -0.08 0.00	37.36 -0.15 0.00	40.34 -0.04 0.00	52.56 0.05 0.00	53.82 0.05 0.00	49.16 0.00 0.00	48.19 0.00 0.00	49.22 -0.05 0.00	47.57 -0.24 0.00	46.33 -0.28 0.00	43.80 -0.35 0.00	43.00 -0.43 0.00	43.08 -0.44 0.00	46.35 -0.47 0.00	54.75 -0.27 0.00	59.78 -0.18 0.00	53.20 -0.16 0.00	47.31 -0.14 0.00	43.15 -0.09 0.00	39.00 -0.20 0.00	39.59 -0.20 0.00
NEG___GEN_MONROE 24207	39.69 -1.35 0.00	38.06 -1.38 0.00	36.43 -1.20 0.00	36.14 -1.47 0.00	36.20 -1.31 0.00	39.09 -1.29 0.00	50.61 -1.89 0.00	51.78 -1.99 0.00	46.99 -2.16 0.00	46.35 -1.83 0.00	47.11 -2.17 0.00	45.42 -2.39 0.00	44.18 -2.42 0.00	41.68 -2.47 0.00	40.83 -2.61 0.00	40.90 -2.61 0.00	43.82 -3.00 0.00	51.50 -3.52 0.00	56.12 -3.84 0.00	50.37 -2.99 0.00	44.98 -2.47 0.00	41.03 -2.20 0.00	37.12 -2.08 0.00	37.84 -1.95 0.00

NEPA__ENERGY 23901	40.14 -0.90 0.00	38.41 -1.03 0.00	36.77 -0.87 0.00	36.48 -1.13 0.00	36.54 -0.98 0.00	39.33 -1.05 0.00	51.14 -1.37 0.00	52.21 -1.56 0.00	47.14 -2.02 0.00	46.31 -1.88 0.00	46.91 -2.37 0.00	45.28 -2.53 0.00	43.95 -2.66 0.00	41.42 -2.74 0.00	40.44 -3.00 0.00	40.64 -2.87 0.00	43.59 -3.23 0.00	51.28 -3.74 0.00	55.89 -4.08 0.00	50.26 -3.09 0.00	45.08 -2.37 0.00	41.29 -1.95 0.00	37.24 -1.96 0.00	37.96 -1.83 0.00
NEVERSink__HYD 23608	42.40 1.35 0.00	40.78 1.34 0.00	38.84 1.20 0.00	38.81 1.20 0.00	38.75 1.24 0.00	41.76 1.37 0.00	54.55 2.05 0.00	55.86 2.09 0.00	51.12 1.97 0.00	50.06 1.88 0.00	50.95 1.68 0.00	49.58 1.77 0.00	48.14 1.54 0.00	45.61 1.45 0.00	45.04 1.61 0.00	45.16 1.65 0.00	48.83 2.01 0.00	57.56 2.53 0.00	62.72 2.76 0.00	55.92 2.56 0.00	49.73 2.28 0.00	45.01 1.77 0.00	40.88 1.68 0.00	41.46 1.67 0.00
NEWKRMKL_115KV_TB1 55635	41.66 0.62 0.00	40.07 0.63 0.00	38.31 0.68 0.00	38.36 0.75 0.00	38.26 0.75 0.00	41.07 0.69 0.00	53.03 0.53 0.00	54.14 0.38 0.00	49.75 0.59 0.00	48.62 0.43 0.00	49.77 0.49 0.00	48.34 0.53 0.00	47.07 0.47 0.00	44.64 0.49 0.00	44.00 0.56 0.00	44.12 0.61 0.00	47.47 0.66 0.00	55.69 0.66 0.00	60.92 0.96 0.00	54.11 0.75 0.00	48.07 0.62 0.00	43.84 0.61 0.00	39.98 0.78 0.00	40.74 0.95 0.00
NEWTON__FALLS_HYD 23847	42.56 1.52 0.00	40.82 1.38 0.00	38.84 1.20 0.00	38.85 1.24 0.00	38.60 1.09 0.00	41.39 1.01 0.00	53.87 1.37 0.00	55.22 1.45 0.00	50.14 0.98 0.00	49.29 1.11 0.00	50.41 1.13 0.00	49.01 1.20 0.00	48.10 1.49 0.00	45.79 1.63 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.22 1.40 0.00	56.40 1.38 0.00	61.10 1.14 0.00	54.37 1.01 0.00	48.45 1.00 0.00	44.27 1.04 0.00	40.06 0.86 0.00	40.70 0.92 0.00
NGRID_A1_DSASP 323792	38.05 -2.99 0.00	36.44 -3.00 0.00	34.85 -2.78 0.00	35.16 -2.44 0.00	34.85 -2.66 0.00	37.44 -2.95 0.00	48.30 -4.20 0.00	49.36 -4.41 0.00	44.68 -4.47 0.00	44.24 -3.95 0.00	45.08 -4.19 0.00	43.17 -4.64 0.00	41.94 -4.66 0.00	39.56 -4.59 0.00	38.61 -4.82 0.00	38.77 -4.74 0.00	41.39 -5.43 0.00	48.97 -6.05 0.00	53.85 -6.12 0.00	47.38 -5.98 0.00	42.56 -4.89 0.00	39.26 -3.98 0.00	35.44 -3.76 0.00	36.25 -3.54 0.00
NGRID_A2_DSASP 323793	38.05 -2.99 0.00	36.44 -3.00 0.00	34.85 -2.78 0.00	35.16 -2.44 0.00	34.85 -2.66 0.00	37.44 -2.95 0.00	48.30 -4.20 0.00	49.36 -4.41 0.00	44.68 -4.47 0.00	44.24 -3.95 0.00	45.08 -4.19 0.00	43.17 -4.64 0.00	41.94 -4.66 0.00	39.56 -4.59 0.00	38.61 -4.82 0.00	38.77 -4.74 0.00	41.39 -5.43 0.00	48.97 -6.05 0.00	53.85 -6.12 0.00	47.38 -5.98 0.00	42.56 -4.89 0.00	39.26 -3.98 0.00	35.44 -3.76 0.00	36.25 -3.54 0.00
NGRID_A4_DSASP 323807	38.05 -2.99 0.00	36.44 -3.00 0.00	34.85 -2.78 0.00	35.16 -2.44 0.00	34.85 -2.66 0.00	37.44 -2.95 0.00	48.30 -4.20 0.00	49.36 -4.41 0.00	44.68 -4.47 0.00	44.24 -3.95 0.00	45.08 -4.19 0.00	43.17 -4.64 0.00	41.94 -4.66 0.00	39.56 -4.59 0.00	38.61 -4.82 0.00	38.77 -4.74 0.00	41.39 -5.43 0.00	48.97 -6.05 0.00	53.85 -6.12 0.00	47.38 -5.98 0.00	42.56 -4.89 0.00	39.26 -3.98 0.00	35.44 -3.76 0.00	36.25 -3.54 0.00
NIAGARA_115E_LBMP 323715	37.80 -3.24 0.00	36.21 -3.23 0.00	34.62 -3.01 0.00	34.90 -2.71 0.00	34.63 -2.89 0.00	37.19 -3.19 0.00	48.04 -4.46 0.00	49.09 -4.68 0.00	44.44 -4.72 0.00	43.95 -4.24 0.00	44.84 -4.43 0.00	42.93 -4.88 0.00	41.71 -4.89 0.00	39.30 -4.86 0.00	38.40 -5.04 0.00	38.51 -5.00 0.00	41.15 -5.67 0.00	48.70 -6.33 0.00	53.55 -6.42 0.00	47.12 -6.24 0.00	42.33 -5.13 0.00	39.00 -4.24 0.00	35.24 -3.96 0.00	36.01 -3.78 0.00
NIAGARA_115W_LBMP 323714	37.96 -3.08 0.00	36.40 -3.04 0.00	34.77 -2.86 0.00	35.12 -2.48 0.00	34.81 -2.70 0.00	37.36 -3.03 0.00	48.25 -4.25 0.00	49.31 -4.46 0.00	44.63 -4.52 0.00	44.14 -4.05 0.00	45.04 -4.24 0.00	43.13 -4.68 0.00	41.90 -4.71 0.00	39.47 -4.68 0.00	38.57 -4.86 0.00	38.68 -4.83 0.00	41.34 -5.48 0.00	48.92 -6.11 0.00	53.79 -6.17 0.00	47.27 -6.08 0.00	42.52 -4.94 0.00	39.17 -4.07 0.00	35.40 -3.80 0.00	36.21 -3.58 0.00
NIAGARA_230_LBMP 323716	38.13 -2.91 0.00	36.56 -2.88 0.00	34.93 -2.71 0.00	35.24 -2.37 0.00	34.96 -2.55 0.00	37.56 -2.83 0.00	48.46 -4.04 0.00	49.52 -4.25 0.00	44.88 -4.28 0.00	44.38 -3.81 0.00	45.23 -4.04 0.00	43.31 -4.50 0.00	42.13 -4.47 0.00	39.69 -4.46 0.00	38.79 -4.65 0.00	38.90 -4.61 0.00	41.62 -5.20 0.00	49.25 -5.78 0.00	54.09 -5.87 0.00	47.59 -5.76 0.00	42.75 -4.70 0.00	39.39 -3.85 0.00	35.59 -3.61 0.00	36.37 -3.42 0.00
NIAGARA__115KV_198_GIBSON 55903	38.13 -2.91 0.00	36.48 -2.96 0.00	34.96 -2.67 0.00	34.67 -2.93 0.00	34.81 -2.70 0.00	37.36 -3.03 0.00	48.25 -4.25 0.00	49.25 -4.52 0.00	44.58 -4.57 0.00	44.04 -4.14 0.00	44.59 -4.68 0.00	43.08 -4.73 0.00	41.90 -4.71 0.00	39.47 -4.68 0.00	38.57 -4.86 0.00	38.64 -4.87 0.00	41.34 -5.48 0.00	48.26 -6.77 0.00	52.41 -7.56 0.00	47.38 -5.98 0.00	42.66 -4.79 0.00	39.21 -4.02 0.00	35.40 -3.80 0.00	36.21 -3.58 0.00
NIAGARA____ 23760	38.13 -2.91 0.00	36.56 -2.88 0.00	34.93 -2.71 0.00	35.24 -2.37 0.00	34.96 -2.55 0.00	37.56 -2.83 0.00	48.46 -4.04 0.00	49.52 -4.25 0.00	44.88 -4.28 0.00	44.38 -3.81 0.00	45.23 -4.04 0.00	43.31 -4.50 0.00	42.13 -4.47 0.00	39.69 -4.46 0.00	38.79 -4.65 0.00	38.90 -4.61 0.00	41.62 -5.20 0.00	49.25 -5.78 0.00	54.09 -5.87 0.00	47.59 -5.76 0.00	42.75 -4.70 0.00	39.39 -3.85 0.00	35.59 -3.61 0.00	36.37 -3.42 0.00
NINE_MILE_1 23575	39.44 -1.60 0.00	37.86 -1.58 0.00	36.17 -1.47 0.00	36.18 -1.43 0.00	36.05 -1.46 0.00	38.81 -1.58 0.00	50.51 -2.00 0.00	51.78 -1.99 0.00	47.29 -1.87 0.00	46.40 -1.78 0.00	47.45 -1.82 0.00	45.95 -1.87 0.00	44.79 -1.82 0.00	42.43 -1.72 0.00	41.65 -1.78 0.00	41.72 -1.79 0.00	44.90 -1.92 0.00	52.82 -2.20 0.00	57.68 -2.28 0.00	51.28 -2.08 0.00	45.60 -1.85 0.00	41.59 -1.64 0.00	37.71 -1.49 0.00	38.24 -1.55 0.00
NINE_MILE_2 23744	39.44 -1.60 0.00	37.86 -1.58 0.00	36.17 -1.47 0.00	36.18 -1.43 0.00	36.05 -1.46 0.00	38.81 -1.58 0.00	50.51 -2.00 0.00	51.78 -1.99 0.00	47.29 -1.87 0.00	46.40 -1.78 0.00	47.45 -1.82 0.00	45.99 -1.82 0.00	44.79 -1.82 0.00	42.43 -1.72 0.00	41.65 -1.78 0.00	41.72 -1.79 0.00	44.90 -1.92 0.00	52.82 -2.20 0.00	57.68 -2.28 0.00	51.28 -2.08 0.00	45.60 -1.85 0.00	41.59 -1.64 0.00	37.71 -1.49 0.00	38.24 -1.55 0.00
NM_CAPITAL__DRP 24208	41.74 0.70 0.00	40.15 0.71 0.00	38.39 0.75 0.00	38.40 0.79 0.00	38.34 0.83 0.00	41.19 0.81 0.00	53.24 0.74 0.00	54.36 0.59 0.00	49.94 0.79 0.00	48.81 0.63 0.00	49.96 0.69 0.00	48.53 0.72 0.00	47.21 0.61 0.00	44.77 0.62 0.00	44.17 0.74 0.00	44.25 0.74 0.00	47.66 0.84 0.00	55.96 0.94 0.00	61.16 1.20 0.00	54.32 0.96 0.00	48.26 0.81 0.00	44.06 0.82 0.00	40.14 0.94 0.00	40.86 1.07 0.00

NM_CENTRAL___DRP 24181	40.22 -0.82 0.00	38.61 -0.83 0.00	36.88 -0.75 0.00	36.82 -0.79 0.00	36.76 -0.75 0.00	39.62 -0.77 0.00	51.61 -0.89 0.00	52.91 -0.86 0.00	48.42 -0.74 0.00	47.46 -0.72 0.00	48.53 -0.74 0.00	47.00 -0.81 0.00	45.81 -0.79 0.00	43.36 -0.79 0.00	42.57 -0.87 0.00	42.64 -0.87 0.00	45.83 -0.98 0.00	53.92 -1.10 0.00	58.82 -1.14 0.00	52.50 -0.85 0.00	46.69 -0.76 0.00	42.50 -0.73 0.00	38.49 -0.71 0.00	39.03 -0.76 0.00
NM_FRONTIER___DRP 24179	38.13 -2.91 0.00	36.48 -2.96 0.00	34.96 -2.67 0.00	34.67 -2.93 0.00	34.81 -2.70 0.00	37.36 -3.03 0.00	48.25 -4.25 0.00	49.25 -4.52 0.00	44.58 -4.57 0.00	44.04 -4.14 0.00	44.59 -4.68 0.00	43.08 -4.73 0.00	41.90 -4.71 0.00	39.47 -4.68 0.00	38.57 -4.86 0.00	38.64 -4.87 0.00	41.34 -5.48 0.00	48.26 -6.77 0.00	52.41 -7.56 0.00	47.38 -5.98 0.00	42.66 -4.79 0.00	39.21 -4.02 0.00	35.40 -3.80 0.00	36.21 -3.58 0.00
NM_ST_REGIS___HYD 24053	42.89 1.85 0.00	41.22 1.77 0.00	39.29 1.66 0.00	39.22 1.62 0.00	38.94 1.43 0.00	41.68 1.29 0.00	54.03 1.52 0.00	55.33 1.56 0.00	50.09 0.93 0.00	49.29 1.11 0.00	50.41 1.13 0.00	49.10 1.29 0.00	48.33 1.72 0.00	46.05 1.90 0.00	45.17 1.74 0.00	45.29 1.78 0.00	48.41 1.59 0.00	56.51 1.49 0.00	60.92 0.96 0.00	54.11 0.75 0.00	48.21 0.76 0.00	44.14 0.91 0.00	39.98 0.78 0.00	40.70 0.92 0.00
NORTHPORT___1 23551	42.97 1.93 0.00	41.26 1.82 0.00	39.18 1.54 0.00	39.00 1.39 0.00	38.94 1.43 0.00	42.36 1.98 0.00	61.27 2.62 -6.14	58.46 3.01 -1.68	51.86 2.70 0.00	51.63 2.75 -0.70	55.27 2.56 -3.44	50.86 2.63 -0.42	48.93 2.33 0.00	46.54 2.38 0.00	51.33 2.61 -5.29	53.94 2.52 -7.91	56.15 2.86 -6.48	57.94 2.91 0.00	64.23 3.36 -0.91	58.29 3.20 -1.73	55.27 2.99 -4.83	50.21 2.55 -4.43	45.13 2.39 -3.54	42.47 2.43 -0.25
NORTHPORT___2 23552	42.97 1.93 0.00	41.26 1.82 0.00	39.18 1.54 0.00	39.00 1.39 0.00	38.94 1.43 0.00	42.36 1.98 0.00	61.27 2.62 -6.14	58.46 3.01 -1.68	51.86 2.70 0.00	51.63 2.75 -0.70	55.27 2.56 -3.44	50.86 2.63 -0.42	48.93 2.33 0.00	46.54 2.38 0.00	51.33 2.61 -5.29	53.94 2.52 -7.91	56.15 2.86 -6.48	57.94 2.91 0.00	64.23 3.36 -0.91	58.29 3.20 -1.73	55.27 2.99 -4.83	50.21 2.55 -4.43	45.13 2.39 -3.54	42.47 2.43 -0.25
NORTHPORT___3 23553	43.38 2.34 0.00	41.65 2.21 0.00	39.55 1.92 0.00	39.41 1.81 0.00	39.35 1.84 0.00	42.73 2.34 0.00	61.90 3.26 -6.14	58.94 3.49 -1.68	52.35 3.19 0.00	52.16 3.28 -0.70	55.91 3.20 -3.44	51.43 3.20 -0.42	49.49 2.89 0.00	46.98 2.83 0.00	51.77 3.04 -5.29	54.42 3.00 -7.91	56.67 3.37 -6.48	58.77 3.74 0.00	65.13 4.26 -0.91	59.03 3.95 -1.73	55.88 3.60 -4.83	50.69 3.03 -4.43	45.56 2.82 -3.54	42.87 2.83 -0.25
NORTHPORT___4 23650	43.38 2.34 0.00	41.65 2.21 0.00	39.55 1.92 0.00	39.41 1.81 0.00	39.35 1.84 0.00	42.73 2.34 0.00	61.90 3.26 -6.14	58.94 3.49 -1.68	52.35 3.19 0.00	52.16 3.28 -0.70	55.91 3.20 -3.44	51.43 3.20 -0.42	49.49 2.89 0.00	46.98 2.83 0.00	51.77 3.04 -5.29	54.42 3.00 -7.91	56.67 3.37 -6.48	58.77 3.74 0.00	65.13 4.26 -0.91	59.03 3.95 -1.73	55.88 3.60 -4.83	50.69 3.03 -4.43	45.56 2.82 -3.54	42.87 2.83 -0.25
NORTHPORT___IC 23718	43.01 1.97 0.00	41.25 1.81 0.00	39.18 1.54 0.00	39.07 1.47 0.00	38.98 1.46 0.00	42.40 2.02 0.00	61.26 2.63 -6.13	58.45 3.01 -1.67	51.91 2.75 0.00	51.62 2.75 -0.69	55.31 2.61 -3.43	50.85 2.63 -0.41	48.89 2.28 0.00	46.54 2.38 0.00	51.28 2.56 -5.28	53.89 2.48 -7.90	56.05 2.76 -6.47	58.22 3.19 0.00	64.52 3.66 -0.90	58.17 3.09 -1.72	55.16 2.89 -4.82	50.25 2.59 -4.42	45.08 2.35 -3.53	42.46 2.43 -0.25
NORTH___COUNTRY_ESR 323785	42.27 1.23 0.00	40.70 1.26 0.00	38.88 1.24 0.00	38.77 1.17 0.00	38.60 1.09 0.00	41.48 1.09 0.00	53.71 1.21 0.00	54.95 1.18 0.00	49.89 0.74 0.00	49.05 0.87 0.00	50.21 0.93 0.00	48.86 1.05 0.00	47.86 1.26 0.00	45.43 1.28 0.00	44.61 1.17 0.00	44.73 1.22 0.00	47.94 1.12 0.00	56.13 1.10 0.00	60.50 0.54 0.00	53.63 0.27 0.00	47.59 0.14 0.00	43.28 0.04 0.00	39.12 -0.08 0.00	39.91 0.12 0.00
NPX_GEN_1385_PROXY 323591	42.97 1.93 0.00	41.26 1.82 0.00	39.18 1.54 0.00	39.00 1.39 0.00	38.94 1.43 0.00	42.52 2.14 0.00	61.58 2.94 -6.14	58.87 3.23 -1.88	51.86 2.90 0.19	51.63 2.75 -0.70	54.93 2.22 -3.44	51.00 2.77 -0.42	49.17 2.56 0.00	47.11 2.96 0.00	51.42 2.69 -5.29	53.77 2.35 -7.91	56.06 2.76 -6.48	58.22 3.19 0.00	65.07 4.20 -0.91	58.29 3.20 -1.73	54.84 2.56 -4.83	50.04 2.38 -4.43	45.09 2.35 -3.54	42.43 2.39 -0.25
NPX_GEN_CSC 323557	42.44 1.40 0.00	40.66 1.22 0.00	38.43 0.79 0.00	38.13 0.53 0.00	37.96 0.45 0.00	41.88 1.50 0.00	61.69 3.04 -6.14	58.22 2.58 -1.88	47.28 1.28 3.15	42.02 1.40 7.56	40.79 1.13 9.61	40.54 1.10 8.38	35.51 0.79 11.89	35.13 0.88 9.91	40.52 1.30 4.22	41.10 1.30 3.71	45.39 1.59 3.02	53.55 1.54 3.01	63.93 3.06 -0.91	57.54 2.46 -1.73	47.78 1.76 1.43	47.62 1.34 -3.04	44.03 1.29 -3.54	42.03 1.99 -0.25
NSINS_S__GLNS_FALLS 23858	43.26 2.22 0.00	41.57 2.13 0.00	39.55 1.92 0.00	39.60 1.99 0.00	39.54 2.03 0.00	42.73 2.34 0.00	55.92 3.41 0.00	56.99 3.23 0.00	52.55 3.39 0.00	51.37 3.18 0.00	52.43 3.15 0.00	50.87 3.06 0.00	49.49 2.89 0.00	46.89 2.74 0.00	46.08 2.65 0.00	46.25 2.74 0.00	49.63 2.81 0.00	58.11 3.08 0.00	63.86 3.90 0.00	56.67 3.31 0.00	50.30 2.85 0.00	45.96 2.72 0.00	42.81 3.61 0.00	43.53 3.74 0.00
NUCOR_STEEL___DRP 24197	40.67 -0.37 0.00	39.05 -0.39 0.00	37.26 -0.38 0.00	37.19 -0.41 0.00	37.14 -0.38 0.00	40.06 -0.32 0.00	52.19 -0.32 0.00	53.50 -0.27 0.00	48.91 -0.25 0.00	47.94 -0.24 0.00	48.98 -0.30 0.00	47.38 -0.43 0.00	46.23 -0.37 0.00	43.71 -0.44 0.00	42.87 -0.56 0.00	42.99 -0.52 0.00	46.25 -0.56 0.00	54.53 -0.50 0.00	59.48 -0.48 0.00	53.14 -0.21 0.00	47.21 -0.24 0.00	42.98 -0.26 0.00	38.89 -0.31 0.00	39.43 -0.36 0.00
NUMBER_THREE_WT_PWR 323818	42.64 1.60 0.00	40.82 1.38 0.00	38.84 1.20 0.00	38.92 1.32 0.00	38.71 1.20 0.00	41.72 1.33 0.00	54.50 1.99 0.00	55.92 2.15 0.00	50.83 1.67 0.00	49.92 1.73 0.00	51.10 1.82 0.00	49.48 1.67 0.00	48.37 1.77 0.00	45.96 1.81 0.00	45.13 1.69 0.00	45.21 1.70 0.00	48.60 1.78 0.00	57.00 1.98 0.00	62.12 2.16 0.00	55.22 1.87 0.00	49.11 1.66 0.00	44.75 1.51 0.00	40.42 1.22 0.00	40.94 1.15 0.00
NYISO_LBMP_REFERENCE 24008	41.04 0.00 0.00	39.44 0.00 0.00	37.64 0.00 0.00	37.61 0.00 0.00	37.51 0.00 0.00	40.38 0.00 0.00	52.50 0.00 0.00	53.77 0.00 0.00	49.16 0.00 0.00	48.19 0.00 0.00	49.27 0.00 0.00	47.81 0.00 0.00	46.60 0.00 0.00	44.15 0.00 0.00	43.43 0.00 0.00	43.51 0.00 0.00	46.82 0.00 0.00	55.03 0.00 0.00	59.96 0.00 0.00	53.36 0.00 0.00	47.45 0.00 0.00	43.23 0.00 0.00	39.20 0.00 0.00	39.79 0.00 0.00

NYPA_BRENTWD____GT 24164	43.46 2.42 0.00	41.69 2.25 0.00	39.59 1.96 0.00	39.41 1.81 0.00	39.35 1.84 0.00	42.85 2.46 0.00	62.06 3.41 -6.14	59.16 3.71 -1.68	52.45 3.29 0.00	52.20 3.32 -0.70	55.96 3.25 -3.44	51.43 3.20 -0.42	49.49 2.89 0.00	47.02 2.87 0.00	51.81 3.08 -5.29	54.51 3.09 -7.91	56.76 3.46 -6.48	58.71 3.69 0.00	65.19 4.32 -0.91	59.09 4.00 -1.73	55.93 3.65 -4.83	50.78 3.11 -4.43	45.60 2.86 -3.54	42.95 2.90 -0.25
NYPA_GOWANUS____GT5 24156	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NYPA_GOWANUS____GT6 24157	58.56 1.85 -15.67	58.57 1.85 -17.27	45.16 1.73 -5.80	39.28 1.62 -0.06	39.26 1.69 -0.06	42.30 1.86 -0.06	64.68 2.36 -9.81	64.64 2.69 -8.18	70.01 2.70 -18.16	75.38 2.79 -24.40	77.44 2.71 -25.46	76.36 2.77 -25.78	60.17 2.61 -10.96	60.15 2.56 -13.44	60.20 2.78 -13.99	60.10 2.65 -13.94	60.26 3.04 -10.41	62.23 3.25 -3.95	263.32 3.42 -199.94	200.81 3.36 -144.09	193.01 3.13 -142.42	60.92 2.59 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82
NYPA_HARLEM_RVR__GT1 24160	42.94 1.89 -0.01	41.30 1.85 -0.01	39.30 1.65 -0.01	39.26 1.65 0.00	39.24 1.73 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.86 2.09 0.01	51.36 2.21 0.01	50.40 2.22 0.01	51.43 2.17 0.01	50.05 2.25 0.01	48.69 2.10 0.01	46.18 2.03 0.01	45.73 2.30 0.01	45.68 2.17 0.01	49.29 2.48 0.01	57.60 2.59 0.01	62.59 2.64 0.01	56.07 2.72 0.01	50.05 2.61 0.01	45.35 2.12 0.00	41.52 2.31 -0.01	41.86 2.07 -0.01
NYPA_HARLEM_RVR__GT2 24161	42.94 1.89 -0.01	41.30 1.85 -0.01	39.30 1.65 -0.01	39.26 1.65 0.00	39.24 1.73 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.86 2.09 0.01	51.36 2.21 0.01	50.40 2.22 0.01	51.43 2.17 0.01	50.05 2.25 0.01	48.69 2.10 0.01	46.18 2.03 0.01	45.73 2.30 0.01	45.68 2.17 0.01	49.29 2.48 0.01	57.60 2.59 0.01	62.59 2.64 0.01	56.07 2.72 0.01	50.05 2.61 0.01	45.35 2.12 0.00	41.52 2.31 -0.01	41.86 2.07 -0.01
NYPA_KENT____GT 24152	51.79 1.76 -8.98	51.12 1.78 -9.91	42.62 1.65 -3.33	39.18 1.54 -0.03	39.16 1.61 -0.03	42.15 1.74 -0.03	60.38 2.26 -5.62	60.99 2.53 -4.69	62.17 2.60 -10.41	64.83 2.65 -13.99	66.43 2.56 -14.60	65.22 2.63 -14.78	55.36 2.47 -6.28	54.24 2.38 -7.71	54.06 2.61 -8.02	54.03 2.52 -7.99	55.64 2.86 -5.97	60.32 3.02 -2.27	63.17 3.18 -0.03	56.54 3.15 -0.03	50.43 2.94 -0.03	54.35 2.46 -8.65	51.85 2.39 -10.26	52.40 2.39 -10.22
NYPA_POUCH1____GT 24155	58.35 1.64 -15.67	58.37 1.66 -17.27	45.01 1.58 -5.80	39.13 1.47 -0.06	39.11 1.54 -0.06	42.14 1.70 -0.06	64.41 2.10 -9.81	64.37 2.42 -8.18	69.77 2.76 -18.16	59.81 2.50 -9.12	59.82 2.46 -8.08	59.81 2.53 -9.47	59.98 2.42 -10.96	59.93 2.34 -13.44	59.98 2.56 -13.99	59.88 2.44 -13.94	60.03 2.81 -10.41	61.95 2.97 -3.95	263.02 3.12 -199.94	200.60 3.15 -144.09	192.82 2.94 -142.42	60.75 2.42 -15.10	59.48 2.39 -17.89	60.04 2.43 -17.82
NYPA_VERNON____GT2 24162	45.02 1.68 -2.30	43.68 1.69 -2.54	40.07 1.58 -0.86	39.08 1.47 -0.01	39.06 1.54 -0.01	42.05 1.66 -0.01	56.10 2.15 -1.44	57.39 2.42 -1.20	54.28 2.46 -2.66	54.22 2.46 -3.58	55.42 2.41 -3.73	54.08 2.48 -3.78	50.54 2.33 -1.61	48.38 2.25 -1.97	47.96 2.47 -2.05	47.90 2.35 -2.04	51.01 2.67 -1.53	58.46 2.86 -0.58	62.97 3.00 -0.01	56.35 2.99 -0.01	50.26 2.80 -0.01	47.74 2.29 -2.21	44.10 2.27 -2.63	44.68 2.27 -2.62
NYPA_VERNON____GT3 24163	45.02 1.68 -2.30	43.68 1.69 -2.54	40.07 1.58 -0.86	39.08 1.47 -0.01	39.06 1.54 -0.01	42.05 1.66 -0.01	56.10 2.15 -1.44	57.39 2.42 -1.20	54.28 2.46 -2.66	54.22 2.46 -3.58	55.42 2.41 -3.73	54.08 2.48 -3.78	50.54 2.33 -1.61	48.38 2.25 -1.97	47.96 2.47 -2.05	47.90 2.35 -2.04	51.01 2.67 -1.53	58.46 2.86 -0.58	62.97 3.00 -0.01	56.35 2.99 -0.01	50.26 2.80 -0.01	47.74 2.29 -2.21	44.10 2.27 -2.63	44.68 2.27 -2.62
NYPA____ASTORIA_CC1 323568	42.73 1.68 0.00	41.14 1.69 -0.01	39.19 1.54 -0.01	39.07 1.47 0.00	39.05 1.54 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.59 2.41 0.00	51.59 2.32 0.00	50.20 2.39 0.00	48.84 2.24 0.00	46.32 2.16 0.00	45.82 2.39 0.00	45.82 2.30 0.00	49.44 2.62 0.00	57.78 2.75 0.00	62.78 2.82 0.00	56.24 2.88 0.00	50.15 2.70 0.00	45.44 2.20 0.00	41.48 2.27 -0.01	42.02 2.23 -0.01
NYPA____ASTORIA_CC2 323569	42.73 1.68 0.00	41.14 1.69 -0.01	39.19 1.54 -0.01	39.07 1.47 0.00	39.05 1.54 0.00	42.00 1.62 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.59 2.41 0.00	51.59 2.32 0.00	50.20 2.39 0.00	48.84 2.24 0.00	46.32 2.16 0.00	45.82 2.39 0.00	45.82 2.30 0.00	49.44 2.62 0.00	57.78 2.75 0.00	62.78 2.82 0.00	56.24 2.88 0.00	50.15 2.70 0.00	45.44 2.20 0.00	41.48 2.27 -0.01	42.02 2.23 -0.01
NYPA____HOLTSVILL 23794	43.26 2.21 0.00	41.49 2.05 0.00	39.37 1.73 0.00	39.19 1.58 0.00	39.09 1.58 0.00	42.60 2.22 0.00	61.90 3.26 -6.14	58.89 3.44 -1.68	52.11 2.95 0.00	51.87 2.99 -0.70	55.52 2.81 -3.44	50.95 2.72 -0.42	48.98 2.38 0.00	46.54 2.38 0.00	51.46 2.74 -5.29	54.16 2.74 -7.91	56.38 3.09 -6.48	58.27 3.25 0.00	64.77 3.90 -0.91	58.77 3.68 -1.73	55.55 3.27 -4.83	50.43 2.77 -4.43	45.28 2.55 -3.54	42.71 2.67 -0.25
NYPA____HELLGATE_GT1 24158	42.94 1.89 -0.01	41.30 1.85 -0.01	39.30 1.65 -0.01	39.26 1.65 0.00	39.24 1.73 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.86 2.09 0.01	51.36 2.21 0.01	50.40 2.22 0.01	51.43 2.17 0.01	50.05 2.25 0.01	48.69 2.10 0.01	46.18 2.03 0.01	45.73 2.30 0.01	45.68 2.17 0.01	49.29 2.48 0.01	57.60 2.59 0.01	62.59 2.64 0.01	56.07 2.72 0.01	50.05 2.61 0.01	45.35 2.12 0.00	41.52 2.31 -0.01	41.86 2.07 -0.01
NYPA____HELLGATE_GT2 24159	42.94 1.89 -0.01	41.30 1.85 -0.01	39.30 1.65 -0.01	39.26 1.65 0.00	39.24 1.73 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.86 2.09 0.01	51.36 2.21 0.01	50.40 2.22 0.01	51.43 2.17 0.01	50.05 2.25 0.01	48.69 2.10 0.01	46.18 2.03 0.01	45.73 2.30 0.01	45.68 2.17 0.01	49.29 2.48 0.01	57.60 2.59 0.01	62.59 2.64 0.01	56.07 2.72 0.01	50.05 2.61 0.01	45.35 2.12 0.00	41.52 2.31 -0.01	41.86 2.07 -0.01
NYS_BARGE____HYD 23848	38.54 -2.50 0.00	36.92 -2.53 0.00	35.27 -2.37 0.00	35.54 -2.07 0.00	35.22 -2.29 0.00	37.88 -2.50 0.00	49.04 -3.47 0.00	50.17 -3.60 0.00	45.32 -3.83 0.00	44.86 -3.32 0.00	45.82 -3.45 0.00	43.84 -3.97 0.00	42.60 -4.01 0.00	40.14 -4.02 0.00	39.18 -4.25 0.00	39.33 -4.18 0.00	42.00 -4.82 0.00	49.74 -5.28 0.00	54.69 -5.28 0.00	48.13 -5.23 0.00	43.18 -4.27 0.00	39.77 -3.46 0.00	35.95 -3.25 0.00	36.69 -3.10 0.00

OAK ORCHARD___HYD 24046	39.40 -1.64 0.00	37.79 -1.65 0.00	36.09 -1.54 0.00	36.25 -1.35 0.00	36.01 -1.50 0.00	38.89 -1.49 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	46.99 -2.16 0.00	46.40 -1.78 0.00	47.45 -1.82 0.00	45.61 -2.20 0.00	44.37 -2.24 0.00	41.90 -2.25 0.00	41.00 -2.43 0.00	41.12 -2.39 0.00	44.05 -2.76 0.00	52.16 -2.86 0.00	57.21 -2.76 0.00	50.53 -2.83 0.00	45.08 -2.37 0.00	41.20 -2.03 0.00	37.28 -1.92 0.00	37.88 -1.91 0.00
OAKDALE___35_KV_LOAD 356122	40.88 -0.16 0.00	39.24 -0.20 0.00	37.45 -0.19 0.00	37.38 -0.23 0.00	37.33 -0.19 0.00	40.26 -0.12 0.00	52.40 -0.11 0.00	53.66 -0.11 0.00	49.01 -0.15 0.00	47.99 -0.19 0.00	48.98 -0.30 0.00	47.43 -0.38 0.00	46.18 -0.42 0.00	43.67 -0.49 0.00	42.87 -0.56 0.00	42.99 -0.52 0.00	46.25 -0.56 0.00	54.47 -0.55 0.00	59.42 -0.54 0.00	53.04 -0.32 0.00	47.21 -0.24 0.00	43.02 -0.22 0.00	38.93 -0.27 0.00	39.51 -0.28 0.00
OCC_CHEM___DRP 24175	38.17 -2.87 0.00	36.52 -2.92 0.00	35.04 -2.60 0.00	34.71 -2.90 0.00	34.85 -2.66 0.00	37.40 -2.99 0.00	48.30 -4.20 0.00	49.36 -4.41 0.00	44.63 -4.52 0.00	44.14 -4.05 0.00	44.64 -4.63 0.00	43.17 -4.64 0.00	41.94 -4.66 0.00	39.52 -4.64 0.00	38.61 -4.82 0.00	38.72 -4.79 0.00	41.39 -5.43 0.00	48.31 -6.71 0.00	52.47 -7.50 0.00	47.44 -5.92 0.00	42.71 -4.75 0.00	39.26 -3.98 0.00	35.44 -3.76 0.00	36.25 -3.54 0.00
OH_GEN_PROXY 24063	38.17 -2.87 0.00	36.60 -2.84 0.00	35.00 -2.64 0.00	35.28 -2.33 0.00	35.00 -2.51 0.00	37.60 -2.79 0.00	48.57 -3.94 0.00	49.87 -4.09 -0.19	44.78 -4.18 0.19	44.48 -3.71 0.00	45.33 -3.94 0.00	43.41 -4.40 0.00	42.22 -4.38 0.00	39.78 -4.37 0.00	38.87 -4.56 0.00	39.03 -4.48 0.00	41.72 -5.10 0.00	49.41 -5.61 0.00	54.26 -5.70 0.00	47.76 -5.60 0.00	42.90 -4.56 0.00	39.47 -3.76 0.00	35.67 -3.53 0.00	36.45 -3.34 0.00
OLIN_CORP_DRP 24177	38.01 -3.04 0.00	36.36 -3.08 0.00	34.85 -2.79 0.00	34.56 -3.05 0.00	34.70 -2.81 0.00	37.28 -3.11 0.00	48.15 -4.36 0.00	49.20 -4.57 0.00	44.49 -4.67 0.00	43.99 -4.19 0.00	44.49 -4.78 0.00	42.98 -4.83 0.00	41.80 -4.80 0.00	39.34 -4.81 0.00	38.48 -4.95 0.00	38.55 -4.96 0.00	41.25 -5.57 0.00	48.15 -6.88 0.00	52.35 -7.62 0.00	47.28 -6.08 0.00	42.56 -4.89 0.00	39.13 -4.11 0.00	35.32 -3.88 0.00	36.09 -3.70 0.00
OLIN_CORP_DSASP 323712	38.05 -2.99 0.00	36.44 -3.00 0.00	34.85 -2.78 0.00	35.16 -2.44 0.00	34.85 -2.66 0.00	37.44 -2.95 0.00	48.30 -4.20 0.00	49.36 -4.41 0.00	44.68 -4.47 0.00	44.24 -3.95 0.00	45.08 -4.19 0.00	43.17 -4.64 0.00	41.94 -4.66 0.00	39.56 -4.59 0.00	38.61 -4.82 0.00	38.77 -4.74 0.00	41.39 -5.43 0.00	48.97 -6.05 0.00	53.85 -6.12 0.00	47.38 -5.98 0.00	42.56 -4.89 0.00	39.26 -3.98 0.00	35.44 -3.76 0.00	36.25 -3.54 0.00
ONEIDA_HERK_LFGE 323681	42.32 1.27 0.00	40.54 1.10 0.00	38.61 0.98 0.00	38.70 1.09 0.00	38.53 1.01 0.00	41.51 1.13 0.00	54.23 1.73 0.00	55.60 1.83 0.00	50.63 1.47 0.00	49.73 1.54 0.00	50.90 1.62 0.00	49.34 1.53 0.00	48.14 1.54 0.00	45.61 1.45 0.00	44.82 1.39 0.00	44.90 1.39 0.00	48.27 1.45 0.00	56.67 1.65 0.00	61.88 1.92 0.00	55.01 1.66 0.00	48.92 1.47 0.00	44.58 1.34 0.00	40.26 1.06 0.00	40.82 1.03 0.00
ONEIDA___115KV_TB4 55905	42.11 1.07 0.00	40.39 0.95 0.00	38.50 0.87 0.00	38.51 0.90 0.00	38.41 0.90 0.00	41.43 1.05 0.00	54.08 1.58 0.00	55.44 1.67 0.00	50.63 1.47 0.00	49.68 1.49 0.00	50.80 1.53 0.00	49.20 1.39 0.00	47.96 1.35 0.00	45.43 1.28 0.00	44.61 1.17 0.00	44.69 1.17 0.00	48.03 1.22 0.00	56.46 1.43 0.00	61.58 1.62 0.00	54.85 1.49 0.00	48.78 1.33 0.00	44.40 1.17 0.00	40.10 0.90 0.00	40.66 0.88 0.00
ONONDAGA_REF_OCCRA 23987	40.43 -0.62 0.00	38.81 -0.63 0.00	37.07 -0.56 0.00	37.04 -0.56 0.00	36.95 -0.56 0.00	39.86 -0.53 0.00	51.93 -0.58 0.00	53.23 -0.54 0.00	48.71 -0.44 0.00	47.75 -0.43 0.00	48.83 -0.44 0.00	47.28 -0.53 0.00	46.09 -0.51 0.00	43.58 -0.57 0.00	42.78 -0.65 0.00	42.86 -0.65 0.00	46.11 -0.70 0.00	54.31 -0.72 0.00	59.24 -0.72 0.00	52.88 -0.48 0.00	46.98 -0.47 0.00	42.76 -0.48 0.00	38.73 -0.47 0.00	39.23 -0.56 0.00
ONONDAGA___COGEN 23986	40.55 -0.49 0.00	38.93 -0.51 0.00	37.18 -0.45 0.00	37.12 -0.49 0.00	37.06 -0.45 0.00	39.94 -0.44 0.00	52.03 -0.47 0.00	53.34 -0.43 0.00	48.81 -0.34 0.00	47.90 -0.29 0.00	48.98 -0.30 0.00	47.43 -0.38 0.00	46.23 -0.37 0.00	43.76 -0.40 0.00	42.91 -0.52 0.00	42.99 -0.52 0.00	46.25 -0.56 0.00	54.47 -0.55 0.00	59.42 -0.54 0.00	53.04 -0.32 0.00	47.12 -0.33 0.00	42.89 -0.35 0.00	38.81 -0.39 0.00	39.35 -0.44 0.00
ONTARIO___LFGE 23819	40.76 -0.29 0.00	39.08 -0.36 0.00	37.30 -0.34 0.00	37.38 -0.22 0.00	37.17 -0.34 0.00	40.22 -0.16 0.00	52.50 0.00 0.00	53.88 0.11 0.00	49.11 -0.05 0.00	48.19 0.00 0.00	49.22 -0.05 0.00	47.38 -0.43 0.00	46.14 -0.47 0.00	43.53 -0.62 0.00	42.61 -0.83 0.00	42.73 -0.78 0.00	45.98 -0.84 0.00	54.53 -0.50 0.00	59.55 -0.42 0.00	53.04 -0.32 0.00	47.12 -0.33 0.00	42.93 -0.30 0.00	38.77 -0.43 0.00	39.27 -0.52 0.00
ORANGEVILLE_WT_PWR 323706	39.61 -1.44 0.00	37.94 -1.50 0.00	36.21 -1.43 0.00	36.40 -1.20 0.00	36.09 -1.43 0.00	38.85 -1.53 0.00	50.40 -2.10 0.00	51.56 -2.21 0.00	46.70 -2.46 0.00	46.02 -2.17 0.00	46.86 -2.41 0.00	44.89 -2.92 0.00	43.58 -3.03 0.00	40.97 -3.18 0.00	40.00 -3.43 0.00	40.16 -3.35 0.00	43.07 -3.75 0.00	51.01 -4.01 0.00	56.07 -3.90 0.00	49.62 -3.74 0.00	44.46 -2.99 0.00	40.81 -2.42 0.00	36.81 -2.39 0.00	37.44 -2.35 0.00
ORANGEVILLE___ESR 323794	39.61 -1.44 0.00	37.94 -1.50 0.00	36.21 -1.43 0.00	36.40 -1.20 0.00	36.09 -1.43 0.00	38.85 -1.53 0.00	50.40 -2.10 0.00	51.56 -2.21 0.00	46.70 -2.46 0.00	46.02 -2.17 0.00	46.86 -2.41 0.00	44.89 -2.92 0.00	43.58 -3.03 0.00	40.97 -3.18 0.00	40.00 -3.43 0.00	40.16 -3.35 0.00	43.07 -3.75 0.00	51.01 -4.01 0.00	56.07 -3.90 0.00	49.62 -3.74 0.00	44.46 -2.99 0.00	40.81 -2.42 0.00	36.81 -2.39 0.00	37.44 -2.35 0.00
OSWEGATCHIE___HYD 24044	42.56 1.52 0.00	40.82 1.38 0.00	38.84 1.20 0.00	38.89 1.28 0.00	38.60 1.09 0.00	41.39 1.01 0.00	53.87 1.36 0.00	55.27 1.50 0.00	50.14 0.98 0.00	49.29 1.11 0.00	50.41 1.13 0.00	49.01 1.20 0.00	48.09 1.49 0.00	45.79 1.63 0.00	44.91 1.48 0.00	44.99 1.48 0.00	48.22 1.40 0.00	56.40 1.38 0.00	61.16 1.20 0.00	54.37 1.01 0.00	48.40 0.95 0.00	44.27 1.04 0.00	40.06 0.86 0.00	40.70 0.92 0.00
OSWEGO___5 23606	39.73 -1.31 0.00	38.18 -1.26 0.00	36.43 -1.21 0.00	36.44 -1.17 0.00	36.35 -1.16 0.00	39.13 -1.25 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.68 -1.47 0.00	46.79 -1.40 0.00	47.84 -1.43 0.00	46.33 -1.48 0.00	45.16 -1.45 0.00	42.74 -1.41 0.00	42.00 -1.43 0.00	42.08 -1.43 0.00	45.22 -1.59 0.00	53.26 -1.76 0.00	58.17 -1.80 0.00	51.70 -1.65 0.00	45.98 -1.47 0.00	41.89 -1.34 0.00	37.98 -1.22 0.00	38.51 -1.27 0.00

OSWEGO___6 23613	39.73 -1.31 0.00	38.18 -1.26 0.00	36.43 -1.21 0.00	36.44 -1.17 0.00	36.35 -1.16 0.00	39.13 -1.25 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.68 -1.47 0.00	46.79 -1.40 0.00	47.84 -1.43 0.00	46.33 -1.48 0.00	45.16 -1.45 0.00	42.74 -1.41 0.00	42.00 -1.43 0.00	42.08 -1.43 0.00	45.22 -1.59 0.00	53.26 -1.76 0.00	58.17 -1.80 0.00	51.70 -1.65 0.00	45.98 -1.47 0.00	41.89 -1.34 0.00	37.98 -1.22 0.00	38.51 -1.27 0.00
OUTOKUMPU-AB___DRP 24206	39.15 -1.89 0.00	37.43 -2.01 0.00	35.87 -1.77 0.00	35.50 -2.11 0.00	35.64 -1.88 0.00	38.28 -2.10 0.00	49.62 -2.89 0.00	50.70 -3.06 0.00	45.81 -3.34 0.00	45.25 -2.94 0.00	45.92 -3.35 0.00	44.32 -3.49 0.00	43.06 -3.54 0.00	40.53 -3.62 0.00	39.61 -3.82 0.00	39.73 -3.79 0.00	42.46 -4.35 0.00	49.58 -5.45 0.00	53.97 -6.00 0.00	48.72 -4.64 0.00	43.85 -3.61 0.00	40.21 -3.03 0.00	36.34 -2.86 0.00	37.08 -2.71 0.00
OXBOW___BTM 323836	38.46 -2.58 0.00	36.80 -2.64 0.00	35.19 -2.45 0.00	35.47 -2.14 0.00	35.15 -2.36 0.00	37.76 -2.62 0.00	48.83 -3.68 0.00	49.95 -3.82 0.00	45.18 -3.98 0.00	44.72 -3.47 0.00	45.68 -3.59 0.00	43.70 -4.11 0.00	42.41 -4.19 0.00	40.00 -4.15 0.00	39.05 -4.39 0.00	39.16 -4.35 0.00	41.85 -4.96 0.00	49.52 -5.50 0.00	54.45 -5.52 0.00	47.92 -5.44 0.00	43.04 -4.41 0.00	39.65 -3.59 0.00	35.83 -3.37 0.00	36.60 -3.18 0.00
OXBOW____ 24026	38.58 -2.46 0.00	36.88 -2.56 0.00	35.34 -2.30 0.00	35.05 -2.56 0.00	35.15 -2.36 0.00	37.76 -2.63 0.00	48.83 -3.68 0.00	49.90 -3.87 0.00	45.13 -4.03 0.00	44.62 -3.57 0.00	45.23 -4.04 0.00	43.65 -4.16 0.00	42.41 -4.19 0.00	39.96 -4.19 0.00	39.05 -4.39 0.00	39.12 -4.39 0.00	41.85 -4.96 0.00	48.86 -6.16 0.00	53.13 -6.84 0.00	47.97 -5.39 0.00	43.18 -4.27 0.00	39.65 -3.59 0.00	35.83 -3.37 0.00	36.61 -3.18 0.00
OXY_CHEM_DSASP 323612	38.17 -2.87 0.00	36.52 -2.92 0.00	35.04 -2.60 0.00	34.71 -2.90 0.00	34.85 -2.66 0.00	37.40 -2.99 0.00	48.30 -4.20 0.00	49.36 -4.41 0.00	44.63 -4.52 0.00	44.14 -4.05 0.00	44.64 -4.63 0.00	43.17 -4.64 0.00	41.94 -4.66 0.00	39.52 -4.64 0.00	38.61 -4.82 0.00	38.72 -4.79 0.00	41.39 -5.43 0.00	48.31 -6.71 0.00	52.47 -7.50 0.00	47.44 -5.92 0.00	42.71 -4.75 0.00	39.26 -3.98 0.00	35.44 -3.76 0.00	36.25 -3.54 0.00
OZONE_PARK_ESR 323760	42.85 1.81 0.00	41.18 1.74 0.00	39.22 1.58 0.00	39.19 1.58 0.00	39.13 1.61 0.00	42.16 1.78 0.00	54.97 2.47 0.00	56.56 2.80 0.00	51.91 2.75 0.00	50.93 2.75 0.00	52.03 2.76 0.00	50.54 2.73 0.00	49.07 2.47 0.00	46.54 2.38 0.00	45.95 2.52 0.00	46.03 2.52 0.00	49.63 2.81 0.00	58.44 3.41 0.00	63.80 3.84 0.00	56.67 3.31 0.00	50.49 3.04 0.00	45.79 2.55 0.00	41.51 2.31 0.00	42.10 2.31 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	38.17 -2.87 0.00	36.52 -2.92 0.00	35.04 -2.60 0.00	34.71 -2.90 0.00	34.85 -2.66 0.00	37.40 -2.99 0.00	48.30 -4.20 0.00	49.36 -4.41 0.00	44.63 -4.52 0.00	44.14 -4.05 0.00	44.64 -4.63 0.00	43.17 -4.64 0.00	41.94 -4.66 0.00	39.52 -4.64 0.00	38.61 -4.82 0.00	38.72 -4.79 0.00	41.39 -5.43 0.00	48.31 -6.71 0.00	52.47 -7.50 0.00	47.44 -5.92 0.00	42.71 -4.75 0.00	39.26 -3.98 0.00	35.44 -3.76 0.00	36.25 -3.54 0.00
PACKARD___115KV_DUPONT_184 80571	38.17 -2.87 0.00	36.52 -2.92 0.00	35.04 -2.60 0.00	34.71 -2.90 0.00	34.85 -2.66 0.00	37.40 -2.99 0.00	48.30 -4.20 0.00	49.36 -4.41 0.00	44.63 -4.52 0.00	44.14 -4.05 0.00	44.64 -4.63 0.00	43.17 -4.64 0.00	41.94 -4.66 0.00	39.52 -4.64 0.00	38.61 -4.82 0.00	38.72 -4.79 0.00	41.39 -5.43 0.00	48.31 -6.71 0.00	52.47 -7.50 0.00	47.44 -5.92 0.00	42.71 -4.75 0.00	39.26 -3.98 0.00	35.44 -3.76 0.00	36.25 -3.54 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	42.93 1.89 0.00	41.30 1.85 -0.01	39.30 1.66 -0.01	39.34 1.73 0.00	39.24 1.73 0.00	42.00 1.62 0.00	54.45 1.94 0.00	55.81 2.04 0.00	51.32 2.16 0.00	50.35 2.17 0.00	51.44 2.17 0.00	50.01 2.20 0.00	48.56 1.96 0.00	46.10 1.94 0.00	45.56 2.13 0.00	45.60 2.09 0.00	49.16 2.34 0.00	57.72 2.70 0.00	62.90 2.94 0.00	55.92 2.56 0.00	49.82 2.37 0.00	45.35 2.12 0.00	41.32 2.12 -0.01	41.91 2.11 -0.01
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	43.22 2.18 0.00	41.58 2.13 -0.01	39.60 1.96 -0.01	39.60 1.99 0.00	39.50 1.99 0.00	42.24 1.86 0.00	54.81 2.31 0.00	56.19 2.42 0.00	51.66 2.51 0.00	50.64 2.46 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.84 2.24 0.00	46.32 2.16 0.00	45.78 2.35 0.00	45.82 2.31 0.00	49.39 2.57 0.00	58.05 3.03 0.00	63.26 3.30 0.00	56.24 2.88 0.00	50.16 2.70 0.00	45.61 2.38 0.00	41.56 2.35 -0.01	42.14 2.35 -0.01
PATROON___115KV_TB1 80586	41.74 0.70 0.00	40.15 0.71 0.00	38.39 0.75 0.00	38.43 0.83 0.00	38.34 0.83 0.00	41.15 0.77 0.00	53.19 0.68 0.00	54.31 0.54 0.00	49.89 0.74 0.00	48.76 0.58 0.00	49.91 0.64 0.00	48.48 0.67 0.00	47.21 0.61 0.00	44.77 0.62 0.00	44.13 0.69 0.00	44.25 0.74 0.00	47.61 0.80 0.00	55.85 0.83 0.00	61.10 1.14 0.00	54.27 0.91 0.00	48.21 0.76 0.00	43.97 0.73 0.00	40.06 0.86 0.00	40.82 1.03 0.00
PATTRSNVILLE___SOLAR 323815	42.44 1.40 0.00	40.78 1.34 0.00	38.88 1.24 0.00	38.85 1.24 0.00	38.83 1.31 0.00	41.80 1.41 0.00	54.50 1.99 0.00	55.65 1.88 0.00	50.98 1.82 0.00	49.87 1.69 0.00	50.95 1.68 0.00	49.39 1.58 0.00	48.19 1.59 0.00	45.65 1.50 0.00	44.95 1.52 0.00	45.07 1.56 0.00	48.55 1.73 0.00	57.00 1.98 0.00	62.36 2.40 0.00	55.49 2.14 0.00	49.30 1.85 0.00	44.97 1.73 0.00	40.77 1.57 0.00	41.38 1.59 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	40.18 -0.86 0.00	38.41 -1.03 0.00	36.77 -0.87 0.00	36.44 -1.17 0.00	36.54 -0.98 0.00	39.29 -1.09 0.00	51.03 -1.47 0.00	52.32 -1.45 0.00	47.24 -1.92 0.00	46.55 -1.64 0.00	47.25 -2.02 0.00	45.61 -2.20 0.00	44.27 -2.33 0.00	41.72 -2.43 0.00	40.74 -2.69 0.00	40.90 -2.61 0.00	43.77 -3.04 0.00	51.34 -3.69 0.00	55.95 -4.02 0.00	50.42 -2.93 0.00	45.22 -2.23 0.00	41.46 -1.77 0.00	37.40 -1.80 0.00	38.04 -1.75 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	42.73 1.68 0.00	41.10 1.66 0.00	39.14 1.51 0.00	39.19 1.58 0.00	39.05 1.54 0.00	42.12 1.74 0.00	54.92 2.42 0.00	56.30 2.53 0.00	51.81 2.65 0.00	50.64 2.46 0.00	51.84 2.56 0.00	50.30 2.49 0.00	48.84 2.24 0.00	46.27 2.12 0.00	45.69 2.26 0.00	45.86 2.35 0.00	49.44 2.62 0.00	58.16 3.14 0.00	63.62 3.66 0.00	56.45 3.09 0.00	50.20 2.75 0.00	45.53 2.29 0.00	41.32 2.12 0.00	41.90 2.11 0.00
PEEKSKILL____ 23653	42.23 1.19 0.00	40.62 1.18 0.00	38.73 1.09 0.00	38.66 1.05 0.00	38.60 1.09 0.00	41.68 1.29 0.00	54.23 1.73 0.00	55.65 1.88 0.00	51.07 1.92 0.00	50.02 1.83 0.00	51.10 1.82 0.00	49.67 1.86 0.00	48.28 1.68 0.00	45.79 1.63 0.00	45.22 1.78 0.00	45.30 1.78 0.00	48.87 2.06 0.00	57.39 2.36 0.00	62.54 2.58 0.00	55.81 2.46 0.00	49.68 2.23 0.00	45.05 1.82 0.00	40.96 1.77 0.00	41.50 1.71 0.00

PGE MADISON___WINDPWR 24146	44.49 3.45 0.00	42.48 3.04 0.00	40.35 2.71 0.00	40.62 3.01 0.00	40.33 2.81 0.00	43.62 3.23 0.00	57.28 4.78 0.00	58.82 5.05 0.00	53.33 4.18 0.00	52.47 4.29 0.00	53.51 4.24 0.00	51.87 4.06 0.00	50.71 4.10 0.00	47.82 3.66 0.00	46.73 3.30 0.00	46.82 3.31 0.00	50.51 3.70 0.00	59.65 4.62 0.00	65.30 5.33 0.00	58.00 4.64 0.00	51.53 4.08 0.00	46.87 3.63 0.00	42.02 2.82 0.00	42.57 2.78 0.00
PIERCEFIELD___HYD 23852	42.68 1.64 0.00	40.98 1.54 0.00	39.10 1.47 0.00	39.04 1.43 0.00	38.71 1.20 0.00	41.39 1.01 0.00	53.61 1.10 0.00	54.90 1.13 0.00	49.79 0.64 0.00	48.96 0.77 0.00	50.06 0.79 0.00	48.81 1.00 0.00	48.10 1.49 0.00	45.83 1.68 0.00	45.00 1.56 0.00	45.08 1.57 0.00	48.13 1.31 0.00	56.18 1.16 0.00	60.56 0.60 0.00	53.84 0.48 0.00	48.02 0.57 0.00	44.06 0.82 0.00	39.94 0.74 0.00	40.62 0.84 0.00
PINELAWN_CC_1 323563	43.30 2.26 0.00	41.57 2.13 0.00	39.48 1.84 0.00	39.30 1.69 0.00	39.24 1.73 0.00	42.69 2.30 0.00	61.80 3.15 -6.14	58.35 2.90 -1.68	51.76 2.60 0.00	51.53 2.65 -0.70	55.27 2.56 -3.44	50.81 2.58 -0.42	48.89 2.28 0.00	46.40 2.25 0.00	51.29 2.56 -5.29	53.99 2.57 -7.91	56.20 2.90 -6.48	58.11 3.08 0.00	64.41 3.54 -0.91	58.45 3.36 -1.73	55.79 3.51 -4.83	50.61 2.94 -4.43	45.52 2.78 -3.54	42.83 2.78 -0.25
PJM_GEN_HTP_PROXY 323702	42.44 1.40 0.00	40.82 1.38 0.00	38.92 1.28 0.00	38.81 1.20 0.00	38.79 1.28 0.00	41.84 1.45 0.00	54.55 2.05 0.00	56.27 2.31 -0.19	51.23 2.26 0.19	50.45 2.27 0.00	51.49 2.22 0.00	50.11 2.29 0.00	48.65 2.05 0.00	46.14 1.99 0.00	45.60 2.17 0.00	45.64 2.13 0.00	49.25 2.43 0.00	57.83 2.80 0.00	62.90 2.94 0.00	56.18 2.83 0.00	50.11 2.66 0.00	45.31 2.08 0.00	41.20 2.00 0.00	41.74 1.95 0.00
PJM_GEN_KEystone 24065	40.59 -0.41 0.04	39.00 -0.39 0.05	37.24 -0.38 0.02	37.30 -0.30 0.00	37.17 -0.34 0.00	40.06 -0.32 0.00	51.70 -0.42 0.38	53.24 -0.43 0.10	47.67 -0.54 0.94	46.57 -0.48 1.14	45.77 -0.64 2.86	45.83 -0.77 1.21	44.61 -0.89 1.11	43.27 -0.88 0.00	42.57 -0.87 0.00	42.68 -0.83 0.00	45.98 -0.84 0.00	54.25 -0.77 0.00	59.25 -0.72 0.00	52.66 -0.70 0.00	47.02 -0.43 0.00	42.84 -0.39 0.00	38.85 -0.35 0.00	39.43 -0.36 0.00
PJM_GEN_NEPTUNE_PROXY 323594	42.85 1.80 0.00	41.14 1.69 0.00	39.10 1.47 0.00	38.96 1.35 0.00	38.94 1.43 0.00	42.24 1.86 0.00	58.40 2.57 -3.32	57.67 2.79 -1.10	51.57 2.60 0.19	51.21 2.65 -0.38	53.74 2.61 -1.86	50.67 2.63 -0.23	48.93 2.33 0.00	46.45 2.29 0.00	48.82 2.52 -2.86	50.27 2.48 -4.28	53.13 2.81 -3.51	58.05 3.02 0.00	63.93 3.48 -0.49	57.55 3.26 -0.94	53.06 2.99 -2.61	48.14 2.51 -2.40	43.47 2.35 -1.92	42.23 2.31 -0.14
PJM_GEN_VFT_PROXY 323633	41.63 1.19 0.60	40.01 1.22 0.66	38.51 1.09 0.22	38.61 1.02 0.01	38.59 1.09 0.01	41.63 1.25 0.01	48.80 1.79 5.49	51.82 2.04 3.99	40.33 2.06 10.89	33.99 2.02 16.22	32.94 2.02 18.35	32.56 2.05 17.30	45.39 1.77 2.98	45.39 1.72 0.48	45.39 1.96 0.00	45.38 1.87 0.00	45.39 2.15 3.58	56.37 2.53 1.19	62.48 2.52 0.00	54.67 2.61 1.30	49.87 2.42 0.00	45.09 1.86 0.00	41.04 1.84 0.00	41.54 1.75 0.00
PLATSBURG_115KV_PMLD1 355749	43.55 2.50 0.00	41.96 2.52 0.00	40.12 2.48 0.00	39.98 2.37 0.00	39.73 2.21 0.00	42.69 2.30 0.00	54.81 2.31 0.00	56.03 2.26 0.00	50.73 1.57 0.00	49.87 1.69 0.00	51.10 1.82 0.00	49.77 1.96 0.00	48.89 2.28 0.00	46.49 2.34 0.00	45.61 2.17 0.00	45.73 2.22 0.00	48.92 2.11 0.00	57.23 2.20 0.00	61.28 1.32 0.00	54.11 0.75 0.00	47.93 0.47 0.00	43.54 0.30 0.00	39.24 0.04 0.00	40.43 0.64 0.00
PLEASANTVLY___LBMP 24000	42.15 1.11 0.00	40.58 1.14 0.00	38.65 1.02 0.00	38.70 1.09 0.00	38.60 1.09 0.00	41.56 1.17 0.00	54.13 1.63 0.00	55.49 1.72 0.00	50.93 1.77 0.00	49.82 1.64 0.00	50.95 1.68 0.00	49.48 1.67 0.00	48.10 1.49 0.00	45.61 1.46 0.00	45.04 1.61 0.00	45.12 1.61 0.00	48.64 1.83 0.00	57.28 2.26 0.00	62.60 2.64 0.00	55.60 2.24 0.00	49.44 1.99 0.00	44.96 1.73 0.00	40.81 1.61 0.00	41.38 1.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.44 1.40 0.00	40.86 1.42 0.00	38.92 1.28 0.00	38.89 1.28 0.00	38.83 1.31 0.00	41.84 1.45 0.00	54.50 2.00 0.00	55.97 2.20 0.00	51.37 2.21 0.00	50.35 2.17 0.00	51.44 2.17 0.00	49.96 2.15 0.00	48.56 1.96 0.00	46.05 1.90 0.00	45.48 2.04 0.00	45.56 2.04 0.00	49.11 2.29 0.00	57.72 2.70 0.00	63.08 3.12 0.00	55.97 2.61 0.00	49.82 2.37 0.00	45.27 2.03 0.00	41.08 1.88 0.00	41.66 1.87 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.44 1.40 0.00	40.86 1.42 0.00	38.92 1.28 0.00	38.89 1.28 0.00	38.83 1.31 0.00	41.84 1.45 0.00	54.50 2.00 0.00	55.97 2.20 0.00	51.37 2.21 0.00	50.35 2.17 0.00	51.44 2.17 0.00	49.96 2.15 0.00	48.56 1.96 0.00	46.05 1.90 0.00	45.48 2.04 0.00	45.56 2.04 0.00	49.11 2.29 0.00	57.72 2.70 0.00	63.08 3.12 0.00	55.97 2.61 0.00	49.82 2.37 0.00	45.27 2.03 0.00	41.08 1.88 0.00	41.66 1.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.56 1.52 0.00	40.94 1.50 0.00	38.99 1.35 0.00	39.04 1.43 0.00	38.94 1.43 0.00	41.96 1.58 0.00	54.71 2.21 0.00	56.03 2.26 0.00	51.37 2.21 0.00	50.26 2.07 0.00	51.34 2.07 0.00	49.87 2.06 0.00	48.47 1.86 0.00	45.87 1.72 0.00	45.34 1.91 0.00	45.47 1.96 0.00	49.11 2.29 0.00	57.89 2.86 0.00	63.26 3.30 0.00	56.13 2.77 0.00	49.92 2.47 0.00	45.31 2.08 0.00	41.12 1.92 0.00	41.70 1.91 0.00
POLETTI___ 23519	42.48 1.44 0.00	40.86 1.42 0.00	38.95 1.32 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.84 1.45 0.00	54.50 2.00 0.00	56.03 2.26 0.00	51.42 2.26 0.00	50.40 2.22 0.00	51.49 2.22 0.00	50.06 2.25 0.00	48.61 2.00 0.00	46.10 1.94 0.00	45.52 2.08 0.00	45.60 2.09 0.00	49.16 2.34 0.00	57.83 2.81 0.00	63.14 3.18 0.00	56.08 2.72 0.00	49.92 2.47 0.00	45.35 2.12 0.00	41.16 1.96 0.00	41.78 1.99 0.00
POMONA___ESR 323819	42.15 1.11 0.00	40.58 1.14 0.00	38.69 1.05 0.00	38.62 1.02 0.00	38.56 1.05 0.00	41.60 1.21 0.00	54.08 1.57 0.00	55.49 1.72 0.00	50.92 1.77 0.00	49.87 1.69 0.00	50.85 1.58 0.00	49.48 1.67 0.00	48.09 1.49 0.00	45.61 1.45 0.00	45.08 1.65 0.00	45.16 1.65 0.00	48.69 1.87 0.00	57.23 2.20 0.00	62.36 2.40 0.00	55.60 2.24 0.00	49.54 2.09 0.00	44.97 1.73 0.00	40.88 1.68 0.00	41.42 1.63 0.00
PORT_JEFF_3 23555	43.34 2.30 0.00	41.57 2.13 0.00	39.44 1.81 0.00	39.22 1.62 0.00	39.16 1.65 0.00	42.73 2.34 0.00	62.06 3.41 -6.14	59.05 3.60 -1.68	52.20 3.05 0.00	52.01 3.13 -0.70	55.52 2.81 -3.44	50.57 2.34 -0.42	48.65 2.05 0.00	46.23 2.08 0.00	51.42 2.69 -5.29	54.16 2.74 -7.91	56.43 3.14 -6.48	58.27 3.25 0.00	64.59 3.72 -0.91	58.82 3.73 -1.73	55.60 3.32 -4.83	50.43 2.77 -4.43	45.28 2.55 -3.54	42.75 2.71 -0.25

PORT_JEFF_4 23616	43.34 2.30 0.00	41.57 2.13 0.00	39.44 1.81 0.00	39.22 1.62 0.00	39.16 1.65 0.00	42.73 2.34 0.00	62.06 3.41 -6.14	59.05 3.60 -1.68	52.20 3.05 0.00	52.01 3.13 -0.70	55.52 2.81 -3.44	50.57 2.34 -0.42	48.65 2.05 0.00	46.23 2.08 0.00	51.42 2.69 -5.29	54.16 2.74 -7.91	56.43 3.14 -6.48	58.27 3.25 0.00	64.59 3.72 -0.91	58.82 3.73 -1.73	55.60 3.32 -4.83	50.43 2.77 -4.43	45.28 2.55 -3.54	42.75 2.71 -0.25
PORT_JEFF_IC 23713	43.38 2.34 0.00	41.57 2.13 0.00	39.40 1.77 0.00	39.30 1.69 0.00	39.16 1.65 0.00	42.73 2.34 0.00	62.10 3.47 -6.13	59.05 3.60 -1.67	51.98 3.05 0.22	51.34 3.08 -0.07	54.58 2.86 -2.45	50.00 2.44 0.25	47.77 2.05 0.89	45.53 2.12 0.74	50.70 2.69 -4.57	53.29 2.74 -7.03	55.67 3.09 -5.76	58.49 3.69 0.23	65.06 4.20 -0.90	58.71 3.63 -1.72	55.03 3.23 -4.35	50.36 2.81 -4.32	45.32 2.59 -3.53	42.74 2.71 -0.25
PPL_PILGRIM_ST_GT1 24216	43.46 2.42 0.00	41.69 2.25 0.00	39.59 1.96 0.00	39.41 1.81 0.00	39.35 1.84 0.00	42.85 2.46 0.00	62.06 3.41 -6.14	59.16 3.71 -1.68	52.45 3.29 0.00	52.20 3.32 -0.70	55.96 3.25 -3.44	51.43 3.20 -0.42	49.49 2.89 0.00	47.02 2.87 0.00	51.81 3.08 -5.29	54.51 3.09 -7.91	56.76 3.46 -6.48	58.71 3.69 0.00	65.19 4.32 -0.91	59.09 4.00 -1.73	55.93 3.65 -4.83	50.78 3.11 -4.43	45.60 2.86 -3.54	42.95 2.90 -0.25
PPL_PILGRIM_ST_GT2 24217	43.46 2.42 0.00	41.69 2.25 0.00	39.59 1.96 0.00	39.41 1.81 0.00	39.35 1.84 0.00	42.85 2.46 0.00	62.06 3.41 -6.14	59.16 3.71 -1.68	52.45 3.29 0.00	52.20 3.32 -0.70	55.96 3.25 -3.44	51.43 3.20 -0.42	49.49 2.89 0.00	47.02 2.87 0.00	51.81 3.08 -5.29	54.51 3.09 -7.91	56.76 3.46 -6.48	58.71 3.69 0.00	65.19 4.32 -0.91	59.09 4.00 -1.73	55.93 3.65 -4.83	50.78 3.11 -4.43	45.60 2.86 -3.54	42.95 2.90 -0.25
PPL_SHRM_GT3 24213	42.56 1.52 0.00	40.78 1.34 0.00	38.58 0.94 0.00	38.25 0.64 0.00	38.11 0.60 0.00	42.00 1.62 0.00	61.80 3.15 -6.14	58.19 2.74 -1.68	48.69 1.47 1.94	45.06 1.59 4.72	45.49 1.33 5.12	43.71 1.24 5.35	39.79 0.98 7.79	38.72 1.06 6.49	43.97 1.48 0.94	45.28 1.48 -0.29	48.85 1.78 -0.25	54.81 1.76 1.98	64.05 3.18 -0.91	57.70 2.61 -1.73	50.12 1.95 -0.73	48.27 1.51 -3.52	44.19 1.45 -3.54	42.11 2.07 -0.25
PPL_SHRM_GT4 24214	42.56 1.52 0.00	40.78 1.34 0.00	38.58 0.94 0.00	38.25 0.64 0.00	38.11 0.60 0.00	42.00 1.62 0.00	61.80 3.15 -6.14	58.19 2.74 -1.68	48.69 1.47 1.94	45.06 1.59 4.72	45.49 1.33 5.12	43.71 1.24 5.35	39.79 0.98 7.79	38.72 1.06 6.49	43.97 1.48 0.94	45.28 1.48 -0.29	48.85 1.78 -0.25	54.81 1.76 1.98	64.05 3.18 -0.91	57.70 2.61 -1.73	50.12 1.95 -0.73	48.27 1.51 -3.52	44.19 1.45 -3.54	42.11 2.07 -0.25
PROJECT___ORANGE 1 24174	40.22 -0.82 0.00	38.61 -0.83 0.00	36.88 -0.75 0.00	36.82 -0.79 0.00	36.76 -0.75 0.00	39.62 -0.77 0.00	51.61 -0.89 0.00	52.91 -0.86 0.00	48.42 -0.74 0.00	47.51 -0.67 0.00	48.53 -0.74 0.00	47.00 -0.81 0.00	45.81 -0.79 0.00	43.36 -0.79 0.00	42.57 -0.87 0.00	42.64 -0.87 0.00	45.83 -0.98 0.00	53.98 -1.05 0.00	58.88 -1.08 0.00	52.50 -0.85 0.00	46.69 -0.76 0.00	42.50 -0.73 0.00	38.49 -0.71 0.00	39.03 -0.76 0.00
PROJECT___ORANGE 2 24166	40.22 -0.82 0.00	38.61 -0.83 0.00	36.88 -0.75 0.00	36.82 -0.79 0.00	36.76 -0.75 0.00	39.62 -0.77 0.00	51.61 -0.89 0.00	52.91 -0.86 0.00	48.42 -0.74 0.00	47.51 -0.67 0.00	48.53 -0.74 0.00	47.00 -0.81 0.00	45.81 -0.79 0.00	43.36 -0.79 0.00	42.57 -0.87 0.00	42.64 -0.87 0.00	45.83 -0.98 0.00	53.98 -1.05 0.00	58.88 -1.08 0.00	52.50 -0.85 0.00	46.69 -0.76 0.00	42.50 -0.73 0.00	38.49 -0.71 0.00	39.03 -0.76 0.00
PUCKETT___SOLAR 323809	41.82 0.78 0.00	40.07 0.63 0.00	38.24 0.60 0.00	38.32 0.71 0.00	38.15 0.64 0.00	41.19 0.81 0.00	53.76 1.26 0.00	55.11 1.34 0.00	50.24 1.08 0.00	49.24 1.06 0.00	50.21 0.93 0.00	48.57 0.76 0.00	47.30 0.70 0.00	44.73 0.57 0.00	43.87 0.43 0.00	43.99 0.48 0.00	47.38 0.56 0.00	55.96 0.93 0.00	61.22 1.26 0.00	54.42 1.07 0.00	48.40 0.95 0.00	44.10 0.86 0.00	39.79 0.59 0.00	40.39 0.60 0.00
PYRITES___HYD 24023	43.34 2.30 0.00	41.61 2.17 0.00	39.63 1.99 0.00	39.64 2.03 0.00	39.35 1.84 0.00	42.12 1.74 0.00	54.71 2.21 0.00	56.03 2.26 0.00	50.73 1.57 0.00	49.92 1.73 0.00	51.05 1.77 0.00	49.68 1.86 0.00	48.89 2.28 0.00	46.58 2.43 0.00	45.69 2.26 0.00	45.77 2.26 0.00	48.97 2.15 0.00	57.23 2.20 0.00	61.82 1.86 0.00	54.96 1.60 0.00	48.97 1.52 0.00	44.83 1.60 0.00	40.57 1.37 0.00	41.30 1.51 0.00
QUAKERRD_115KV_BK1 80622	38.83 -2.22 0.00	37.23 -2.21 0.00	35.64 -1.99 0.00	35.46 -2.14 0.00	35.45 -2.06 0.00	38.28 -2.10 0.00	49.72 -2.78 0.00	50.97 -2.80 0.00	46.35 -2.80 0.00	45.73 -2.46 0.00	46.56 -2.71 0.00	45.04 -2.77 0.00	43.85 -2.75 0.00	41.42 -2.74 0.00	40.57 -2.87 0.00	40.64 -2.87 0.00	43.59 -3.23 0.00	51.28 -3.74 0.00	55.89 -4.08 0.00	50.00 -3.36 0.00	44.60 -2.85 0.00	40.68 -2.55 0.00	36.81 -2.39 0.00	37.36 -2.43 0.00
QUEENSBRY_115KV_TB8 356137	43.30 2.26 0.00	41.61 2.17 0.00	39.59 1.96 0.00	39.68 2.07 0.00	39.61 2.10 0.00	42.81 2.42 0.00	56.07 3.57 0.00	57.10 3.33 0.00	52.70 3.54 0.00	51.51 3.32 0.00	52.53 3.25 0.00	51.01 3.20 0.00	49.63 3.03 0.00	47.02 2.87 0.00	46.21 2.78 0.00	46.38 2.87 0.00	49.72 2.90 0.00	58.22 3.19 0.00	63.98 4.02 0.00	56.77 3.41 0.00	50.39 2.94 0.00	46.05 2.81 0.00	42.96 3.76 0.00	43.69 3.90 0.00
RAMAPO___LBMP 323565	42.07 1.03 0.00	40.51 1.06 0.00	38.58 0.94 0.00	38.59 0.98 0.00	38.49 0.98 0.00	41.52 1.13 0.00	53.97 1.47 0.00	55.38 1.61 0.00	50.83 1.67 0.00	49.73 1.54 0.00	50.80 1.53 0.00	49.34 1.53 0.00	47.96 1.35 0.00	45.52 1.37 0.00	44.91 1.48 0.00	45.03 1.52 0.00	48.55 1.73 0.00	57.17 2.15 0.00	62.48 2.52 0.00	55.44 2.08 0.00	49.35 1.90 0.00	44.88 1.64 0.00	40.77 1.57 0.00	41.30 1.51 0.00
RANKINE____ 23646	39.69 -1.35 0.00	37.94 -1.50 0.00	36.32 -1.32 0.00	35.99 -1.62 0.00	36.09 -1.43 0.00	38.81 -1.58 0.00	50.35 -2.15 0.00	51.46 -2.31 0.00	46.50 -2.65 0.00	45.87 -2.31 0.00	46.51 -2.76 0.00	44.89 -2.92 0.00	43.62 -2.98 0.00	41.06 -3.09 0.00	40.09 -3.34 0.00	40.20 -3.31 0.00	43.07 -3.75 0.00	50.35 -4.68 0.00	54.87 -5.10 0.00	49.46 -3.90 0.00	44.46 -2.99 0.00	40.77 -2.46 0.00	36.81 -2.39 0.00	37.52 -2.27 0.00
RAVENSWOOD_GT2_1 24244	42.52 1.48 0.00	40.94 1.50 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.19 2.83 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00

RAVENSWOOD_GT2_2 24245	42.52 1.48 0.00	40.94 1.50 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.19 2.83 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
RAVENSWOOD_GT2_3 24246	42.56 1.52 0.00	40.94 1.50 0.00	38.99 1.35 0.00	39.00 1.39 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.60 2.10 0.00	56.13 2.37 0.00	51.52 2.36 0.00	50.55 2.36 0.00	51.64 2.37 0.00	50.15 2.34 0.00	48.75 2.14 0.00	46.23 2.08 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.30 2.48 0.00	57.94 2.92 0.00	63.32 3.36 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
RAVENSWOOD_GT2_4 24247	42.56 1.52 0.00	40.94 1.50 0.00	38.99 1.35 0.00	39.00 1.39 0.00	38.90 1.39 0.00	41.92 1.53 0.00	54.60 2.10 0.00	56.13 2.37 0.00	51.52 2.36 0.00	50.55 2.36 0.00	51.64 2.37 0.00	50.15 2.34 0.00	48.75 2.14 0.00	46.23 2.08 0.00	45.65 2.22 0.00	45.73 2.22 0.00	49.30 2.48 0.00	57.94 2.92 0.00	63.32 3.36 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
RAVENSWOOD_GT3_1 24248	42.52 1.48 0.00	40.94 1.50 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.13 2.77 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
RAVENSWOOD_GT3_2 24249	42.52 1.48 0.00	40.94 1.50 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.13 2.77 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
RAVENSWOOD_GT3_3 24250	42.56 1.52 0.00	40.98 1.54 0.00	39.03 1.39 0.00	39.00 1.39 0.00	38.94 1.43 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.19 2.42 0.00	51.61 2.46 0.00	50.60 2.41 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.69 2.26 0.00	45.77 2.26 0.00	49.34 2.53 0.00	58.05 3.03 0.00	63.38 3.42 0.00	56.24 2.88 0.00	50.11 2.66 0.00	45.48 2.25 0.00	41.28 2.08 0.00	41.86 2.07 0.00
RAVENSWOOD_GT3_4 24251	42.56 1.52 0.00	40.98 1.54 0.00	39.03 1.39 0.00	39.00 1.39 0.00	38.94 1.43 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.19 2.42 0.00	51.61 2.46 0.00	50.60 2.41 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.79 2.19 0.00	46.27 2.12 0.00	45.69 2.26 0.00	45.77 2.26 0.00	49.34 2.53 0.00	58.05 3.03 0.00	63.38 3.42 0.00	56.24 2.88 0.00	50.11 2.66 0.00	45.48 2.25 0.00	41.28 2.08 0.00	41.86 2.07 0.00
RAVENSWOOD_GT_1 23729	45.06 1.72 -2.30	43.68 1.70 -2.54	40.07 1.58 -0.86	39.19 1.58 -0.01	39.10 1.58 -0.01	42.05 1.66 -0.01	56.10 2.15 -1.44	57.39 2.42 -1.20	54.33 2.51 -2.66	54.22 2.46 -3.58	55.47 2.46 -3.73	54.08 2.49 -3.78	50.49 2.28 -1.61	48.33 2.21 -1.97	47.87 2.39 -2.05	47.90 2.35 -2.04	50.97 2.62 -1.53	58.69 3.08 -0.58	63.33 3.36 -0.01	56.25 2.88 -0.01	50.16 2.70 -0.01	47.78 2.33 -2.21	44.11 2.27 -2.63	44.68 2.27 -2.62
RAVENSWOOD_GT_10 24258	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.13 2.77 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
RAVENSWOOD_GT_11 24259	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.13 2.77 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
RAVENSWOOD_GT_4 24252	44.23 1.44 -1.75	42.78 1.42 -1.92	39.59 1.32 -0.64	38.93 1.32 -0.01	38.83 1.31 -0.01	41.89 1.49 -0.01	55.65 2.05 -1.10	56.99 2.31 -0.91	53.54 2.36 -2.03	53.18 2.26 -2.73	54.43 2.32 -2.84	52.99 2.29 -2.88	49.88 2.05 -1.22	47.64 1.99 -1.50	47.17 2.17 -1.56	47.20 2.13 -1.56	50.41 2.43 -1.16	58.33 2.86 -0.44	63.27 3.30 -0.01	56.14 2.77 -0.01	50.02 2.56 -0.01	47.08 2.16 -1.69	43.19 2.00 -1.99	43.76 1.99 -1.98
RAVENSWOOD_GT_5 24254	44.23 1.44 -1.75	42.78 1.42 -1.92	39.59 1.32 -0.64	38.93 1.32 -0.01	38.83 1.31 -0.01	41.89 1.49 -0.01	55.65 2.05 -1.10	56.99 2.31 -0.91	53.54 2.36 -2.03	53.18 2.26 -2.73	54.43 2.32 -2.84	52.99 2.29 -2.88	49.88 2.05 -1.22	47.64 1.99 -1.50	47.17 2.17 -1.56	47.20 2.13 -1.56	50.41 2.43 -1.16	58.33 2.86 -0.44	63.27 3.30 -0.01	56.14 2.77 -0.01	50.02 2.56 -0.01	47.08 2.16 -1.69	43.19 2.00 -1.99	43.76 1.99 -1.98
RAVENSWOOD_GT_6 24253	44.23 1.44 -1.75	42.78 1.42 -1.92	39.59 1.32 -0.64	38.93 1.32 -0.01	38.83 1.31 -0.01	41.89 1.49 -0.01	55.65 2.05 -1.10	56.99 2.31 -0.91	53.54 2.36 -2.03	53.18 2.26 -2.73	54.43 2.32 -2.84	52.99 2.29 -2.88	49.88 2.05 -1.22	47.64 1.99 -1.50	47.17 2.17 -1.56	47.20 2.13 -1.56	50.41 2.43 -1.16	58.33 2.86 -0.44	63.27 3.30 -0.01	56.14 2.77 -0.01	50.02 2.56 -0.01	47.08 2.16 -1.69	43.19 2.00 -1.99	43.76 1.99 -1.98
RAVENSWOOD_GT_7 24255	44.23 1.44 -1.75	42.78 1.42 -1.92	39.59 1.32 -0.64	38.93 1.32 -0.01	38.83 1.31 -0.01	41.89 1.49 -0.01	55.65 2.05 -1.10	56.99 2.31 -0.91	53.54 2.36 -2.03	53.18 2.26 -2.73	54.43 2.32 -2.84	52.99 2.29 -2.88	49.88 2.05 -1.22	47.64 1.99 -1.50	47.17 2.17 -1.56	47.20 2.13 -1.56	50.41 2.43 -1.16	58.33 2.86 -0.44	63.27 3.30 -0.01	56.14 2.77 -0.01	50.02 2.56 -0.01	47.08 2.16 -1.69	43.19 2.00 -1.99	43.76 1.99 -1.98
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.13 2.77 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00

RAVENSWOOD_GT_9 24257	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.59 2.32 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.25 2.43 0.00	57.94 2.92 0.00	63.26 3.30 0.00	56.13 2.77 0.00	50.01 2.56 0.00	45.44 2.20 0.00	41.24 2.04 0.00	41.82 2.03 0.00
RAVENSWOOD___1 23533	42.73 1.68 0.00	41.10 1.66 -0.01	39.19 1.54 -0.01	39.04 1.43 0.00	39.02 1.50 0.00	42.00 1.62 0.00	54.61 2.10 0.00	56.13 2.36 0.00	51.61 2.46 0.00	50.64 2.46 0.00	51.69 2.41 0.00	50.30 2.48 0.00	48.89 2.28 0.00	46.36 2.21 0.00	45.86 2.43 0.00	45.86 2.35 0.00	49.48 2.67 0.00	57.88 2.86 0.00	62.90 2.94 0.00	56.34 2.99 0.00	50.25 2.80 0.00	45.52 2.29 0.00	41.48 2.27 -0.01	42.02 2.23 -0.01
RAVENSWOOD___2 23534	42.69 1.64 0.00	41.10 1.66 -0.01	39.19 1.54 -0.01	39.04 1.43 0.00	39.02 1.50 0.00	42.00 1.62 0.00	54.61 2.10 0.00	56.13 2.36 0.00	51.56 2.41 0.00	50.64 2.46 0.00	51.69 2.41 0.00	50.30 2.48 0.00	48.89 2.28 0.00	46.36 2.21 0.00	45.86 2.43 0.00	45.86 2.35 0.00	49.48 2.67 0.00	57.88 2.86 0.00	62.90 2.94 0.00	56.29 2.93 0.00	50.20 2.75 0.00	45.48 2.25 0.00	41.44 2.23 -0.01	42.02 2.23 -0.01
RAVENSWOOD___3 23535	42.52 1.48 0.00	40.90 1.46 0.00	38.99 1.35 0.00	38.89 1.28 0.00	38.83 1.31 0.00	41.88 1.50 0.00	54.55 2.05 0.00	56.08 2.31 0.00	51.47 2.31 0.00	50.50 2.31 0.00	51.54 2.27 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.69 2.26 0.00	45.69 2.17 0.00	49.30 2.48 0.00	57.83 2.80 0.00	62.90 2.94 0.00	56.24 2.88 0.00	50.15 2.70 0.00	45.40 2.16 0.00	41.28 2.08 0.00	41.82 2.03 0.00
RAVENSWOOD___4 23820	40.42 1.64 2.26	38.61 1.66 2.49	38.35 1.54 0.83	39.03 1.43 0.01	39.01 1.50 0.01	41.95 1.57 0.01	53.19 2.10 1.42	54.95 2.36 1.18	48.94 2.41 2.62	47.12 2.46 3.53	47.96 2.37 3.68	46.52 2.34 3.72	47.30 2.28 1.58	44.42 2.21 1.94	43.84 2.43 2.02	43.80 2.30 2.01	47.98 2.67 1.50	57.26 2.80 0.57	62.89 2.94 0.01	56.28 2.93 0.01	50.19 2.75 0.01	43.30 2.25 2.18	38.86 2.23 2.58	39.45 2.23 2.57
RCPI_TRUST___DRP 24196	42.48 1.44 0.00	40.90 1.46 0.00	38.95 1.32 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.60 2.10 0.00	56.13 2.37 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.64 2.37 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.69 2.18 0.00	49.25 2.43 0.00	58.00 2.97 0.00	63.38 3.42 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.44 2.20 0.00	41.20 2.00 0.00	41.78 1.99 0.00
RED___ROCHESTER 323720	39.69 -1.35 0.00	38.02 -1.42 0.00	36.36 -1.28 0.00	36.52 -1.09 0.00	36.28 -1.24 0.00	39.17 -1.21 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.39 -1.77 0.00	46.84 -1.35 0.00	47.89 -1.38 0.00	46.04 -1.77 0.00	44.79 -1.82 0.00	42.30 -1.85 0.00	41.35 -2.08 0.00	41.47 -2.04 0.00	44.43 -2.39 0.00	52.66 -2.36 0.00	57.81 -2.16 0.00	50.96 -2.40 0.00	45.46 -1.99 0.00	41.55 -1.69 0.00	37.59 -1.61 0.00	38.12 -1.67 0.00
REGAN___SOLAR 323812	43.96 2.91 0.00	42.24 2.80 0.00	40.20 2.56 0.00	40.20 2.59 0.00	40.14 2.63 0.00	43.33 2.95 0.00	56.76 4.25 0.00	58.07 4.30 0.00	53.29 4.13 0.00	51.99 3.81 0.00	53.02 3.74 0.00	51.25 3.44 0.00	49.96 3.36 0.00	47.29 3.14 0.00	46.47 3.04 0.00	46.69 3.17 0.00	50.33 3.51 0.00	58.99 3.96 0.00	64.70 4.74 0.00	57.57 4.21 0.00	51.20 3.75 0.00	46.61 3.37 0.00	42.18 2.98 0.00	42.81 3.02 0.00
RENSSELAER___COGEN 23796	41.54 0.49 0.00	39.95 0.51 0.00	38.24 0.60 0.00	38.13 0.53 0.00	38.11 0.60 0.00	40.95 0.57 0.00	52.87 0.37 0.00	53.93 0.16 0.00	49.55 0.39 0.00	48.43 0.24 0.00	49.52 0.25 0.00	48.10 0.29 0.00	46.84 0.23 0.00	44.42 0.27 0.00	43.82 0.39 0.00	43.95 0.44 0.00	47.28 0.47 0.00	55.46 0.44 0.00	60.56 0.60 0.00	53.95 0.59 0.00	47.93 0.47 0.00	43.71 0.48 0.00	39.87 0.67 0.00	40.63 0.84 0.00
REPUBLIC_115KV_BARTNBRK 55605	45.06 4.02 0.00	43.27 3.83 0.00	41.14 3.50 0.00	41.22 3.61 0.00	41.15 3.64 0.00	44.58 4.20 0.00	58.59 6.09 0.00	59.58 5.81 0.00	55.05 5.90 0.00	53.82 5.64 0.00	54.89 5.62 0.00	53.31 5.50 0.00	51.73 5.13 0.00	48.97 4.81 0.00	48.08 4.65 0.00	48.30 4.79 0.00	51.83 5.01 0.00	60.53 5.50 0.00	66.68 6.72 0.00	59.17 5.82 0.00	52.53 5.08 0.00	47.82 4.58 0.00	44.45 5.25 0.00	45.24 5.45 0.00
REVERE_CPPR_DRP 24186	42.64 1.60 0.00	40.86 1.42 0.00	38.88 1.24 0.00	38.96 1.35 0.00	38.83 1.31 0.00	41.88 1.49 0.00	54.71 2.21 0.00	56.08 2.31 0.00	51.17 2.02 0.00	50.26 2.07 0.00	51.39 2.12 0.00	49.82 2.01 0.00	48.61 2.00 0.00	46.01 1.85 0.00	45.17 1.74 0.00	45.25 1.74 0.00	48.69 1.87 0.00	57.17 2.15 0.00	62.36 2.40 0.00	55.49 2.13 0.00	49.35 1.90 0.00	44.96 1.73 0.00	40.57 1.37 0.00	41.10 1.31 0.00
REYNOLDS_115KV_TB3 80639	41.95 0.90 0.00	40.35 0.91 0.00	38.50 0.87 0.00	38.55 0.94 0.00	38.49 0.98 0.00	41.39 1.01 0.00	53.76 1.26 0.00	54.90 1.13 0.00	50.38 1.23 0.00	49.20 1.01 0.00	50.41 1.13 0.00	48.91 1.10 0.00	47.63 1.03 0.00	45.17 1.02 0.00	44.56 1.13 0.00	44.64 1.13 0.00	48.08 1.26 0.00	56.51 1.49 0.00	61.82 1.86 0.00	54.85 1.49 0.00	48.73 1.28 0.00	44.49 1.25 0.00	40.49 1.29 0.00	41.14 1.35 0.00
RIVERBAY____ 323610	43.22 2.18 0.00	41.58 2.13 -0.01	39.60 1.96 -0.01	39.60 1.99 0.00	39.50 1.99 0.00	42.24 1.86 0.00	54.81 2.31 0.00	56.19 2.42 0.00	51.66 2.51 0.00	50.64 2.46 0.00	51.69 2.41 0.00	50.25 2.44 0.00	48.84 2.24 0.00	46.32 2.16 0.00	45.78 2.35 0.00	45.82 2.31 0.00	49.39 2.57 0.00	58.05 3.03 0.00	63.26 3.30 0.00	56.24 2.88 0.00	50.16 2.70 0.00	45.61 2.38 0.00	41.56 2.35 -0.01	42.14 2.35 -0.01
RIVERSDE_115KV_TB3 55908	41.74 0.70 0.00	40.15 0.71 0.00	38.39 0.75 0.00	38.40 0.79 0.00	38.34 0.83 0.00	41.19 0.81 0.00	53.24 0.74 0.00	54.36 0.59 0.00	49.94 0.79 0.00	48.81 0.63 0.00	49.96 0.69 0.00	48.53 0.72 0.00	47.21 0.61 0.00	44.77 0.62 0.00	44.17 0.74 0.00	44.25 0.74 0.00	47.66 0.84 0.00	55.96 0.94 0.00	61.16 1.20 0.00	54.32 0.96 0.00	48.26 0.81 0.00	44.06 0.82 0.00	40.14 0.94 0.00	40.86 1.07 0.00
ROARING___BROOK_WT_PWR 323790	41.17 0.12 0.00	39.52 0.08 0.00	37.64 0.00 0.00	37.49 -0.11 0.00	37.29 -0.22 0.00	40.10 -0.28 0.00	52.08 -0.42 0.00	53.34 -0.43 0.00	48.66 -0.49 0.00	47.80 -0.39 0.00	48.93 -0.34 0.00	47.57 -0.24 0.00	46.46 -0.14 0.00	43.98 -0.18 0.00	43.22 -0.22 0.00	43.21 -0.30 0.00	46.39 -0.42 0.00	54.48 -0.55 0.00	59.30 -0.66 0.00	52.77 -0.59 0.00	46.83 -0.62 0.00	42.59 -0.65 0.00	38.53 -0.67 0.00	39.11 -0.68 0.00

ROCHESRG_115KV_T4 355643	39.32 -1.72 0.00	37.71 -1.74 0.00	36.09 -1.54 0.00	35.88 -1.73 0.00	35.90 -1.61 0.00	38.73 -1.66 0.00	50.25 -2.26 0.00	51.51 -2.26 0.00	46.80 -2.36 0.00	46.16 -2.02 0.00	46.96 -2.32 0.00	45.37 -2.44 0.00	44.18 -2.42 0.00	41.72 -2.43 0.00	40.83 -2.61 0.00	40.90 -2.61 0.00	43.87 -2.95 0.00	51.56 -3.47 0.00	56.18 -3.78 0.00	50.32 -3.04 0.00	44.94 -2.51 0.00	41.07 -2.16 0.00	37.16 -2.04 0.00	37.72 -2.07 0.00
ROCHESTER_9_IC 23652	39.57 -1.48 0.00	37.90 -1.54 0.00	36.28 -1.35 0.00	36.07 -1.54 0.00	36.09 -1.43 0.00	38.97 -1.41 0.00	50.61 -1.89 0.00	51.83 -1.94 0.00	47.09 -2.06 0.00	46.50 -1.69 0.00	47.30 -1.97 0.00	45.71 -2.10 0.00	44.51 -2.10 0.00	41.99 -2.16 0.00	41.13 -2.30 0.00	41.16 -2.35 0.00	44.15 -2.67 0.00	51.94 -3.08 0.00	56.60 -3.36 0.00	50.69 -2.67 0.00	45.27 -2.18 0.00	41.33 -1.90 0.00	37.40 -1.80 0.00	37.96 -1.83 0.00
ROCKVIEW_13_KV_LD 356306	42.52 1.48 0.00	40.90 1.46 0.00	38.95 1.32 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.92 1.53 0.00	54.66 2.15 0.00	56.19 2.42 0.00	51.56 2.41 0.00	50.50 2.31 0.00	51.64 2.37 0.00	50.15 2.34 0.00	48.75 2.14 0.00	46.18 2.03 0.00	45.61 2.17 0.00	45.69 2.18 0.00	49.30 2.48 0.00	58.00 2.97 0.00	63.38 3.42 0.00	56.29 2.93 0.00	50.06 2.61 0.00	45.48 2.25 0.00	41.24 2.04 0.00	41.78 1.99 0.00
ROME____115KV_TB2 80656	42.64 1.60 0.00	40.86 1.42 0.00	38.88 1.24 0.00	38.96 1.35 0.00	38.83 1.31 0.00	41.88 1.49 0.00	54.71 2.21 0.00	56.08 2.31 0.00	51.17 2.02 0.00	50.26 2.07 0.00	51.39 2.12 0.00	49.82 2.01 0.00	48.61 2.00 0.00	46.01 1.85 0.00	45.17 1.74 0.00	45.25 1.74 0.00	48.69 1.87 0.00	57.17 2.15 0.00	62.36 2.40 0.00	55.49 2.13 0.00	49.35 1.90 0.00	44.96 1.73 0.00	40.57 1.37 0.00	41.10 1.31 0.00
ROSETON___1 23587	42.11 1.07 0.00	40.51 1.07 0.00	38.61 0.98 0.00	38.55 0.94 0.00	38.53 1.01 0.00	41.51 1.13 0.00	54.03 1.52 0.00	55.38 1.61 0.00	50.83 1.67 0.00	49.73 1.54 0.00	50.80 1.53 0.00	49.39 1.58 0.00	48.00 1.40 0.00	45.52 1.37 0.00	44.95 1.52 0.00	45.03 1.52 0.00	48.55 1.73 0.00	57.12 2.09 0.00	62.24 2.28 0.00	55.49 2.14 0.00	49.40 1.95 0.00	44.88 1.64 0.00	40.77 1.57 0.00	41.30 1.51 0.00
ROSETON___2 23588	42.11 1.07 0.00	40.51 1.07 0.00	38.61 0.98 0.00	38.55 0.94 0.00	38.53 1.01 0.00	41.51 1.13 0.00	54.03 1.52 0.00	55.38 1.61 0.00	50.83 1.67 0.00	49.73 1.54 0.00	50.80 1.53 0.00	49.39 1.58 0.00	48.00 1.40 0.00	45.52 1.37 0.00	44.95 1.52 0.00	45.03 1.52 0.00	48.55 1.73 0.00	57.12 2.09 0.00	62.24 2.28 0.00	55.49 2.14 0.00	49.40 1.95 0.00	44.88 1.64 0.00	40.77 1.57 0.00	41.30 1.51 0.00
ROTRRDAM_115KV_TB3 80664	41.90 0.86 0.00	40.31 0.87 0.00	38.43 0.79 0.00	38.43 0.83 0.00	38.34 0.83 0.00	41.31 0.93 0.00	53.82 1.31 0.00	55.01 1.24 0.00	50.43 1.28 0.00	49.34 1.16 0.00	50.46 1.18 0.00	48.96 1.15 0.00	47.72 1.12 0.00	45.21 1.06 0.00	44.52 1.09 0.00	44.60 1.09 0.00	48.03 1.22 0.00	56.46 1.43 0.00	61.70 1.74 0.00	54.85 1.49 0.00	48.73 1.28 0.00	44.40 1.17 0.00	40.34 1.14 0.00	40.94 1.15 0.00
RUSSELL___1 23602	39.77 -1.27 0.00	38.10 -1.34 0.00	36.47 -1.17 0.00	36.25 -1.35 0.00	36.28 -1.24 0.00	39.17 -1.21 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.39 -1.77 0.00	46.79 -1.40 0.00	47.65 -1.63 0.00	46.04 -1.77 0.00	44.79 -1.82 0.00	42.30 -1.85 0.00	41.35 -2.08 0.00	41.42 -2.09 0.00	44.43 -2.39 0.00	52.27 -2.75 0.00	56.96 -3.00 0.00	51.01 -2.35 0.00	45.55 -1.90 0.00	41.55 -1.69 0.00	37.59 -1.61 0.00	38.12 -1.67 0.00
RUSSELL___2 23532	39.77 -1.27 0.00	38.10 -1.34 0.00	36.47 -1.17 0.00	36.25 -1.35 0.00	36.28 -1.24 0.00	39.17 -1.21 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.39 -1.77 0.00	46.79 -1.40 0.00	47.65 -1.63 0.00	46.04 -1.77 0.00	44.79 -1.82 0.00	42.30 -1.85 0.00	41.35 -2.08 0.00	41.42 -2.09 0.00	44.43 -2.39 0.00	52.27 -2.75 0.00	56.96 -3.00 0.00	51.01 -2.35 0.00	45.55 -1.90 0.00	41.55 -1.69 0.00	37.59 -1.61 0.00	38.12 -1.67 0.00
RUSSELL___3 23549	39.77 -1.27 0.00	38.10 -1.34 0.00	36.47 -1.17 0.00	36.25 -1.35 0.00	36.28 -1.24 0.00	39.17 -1.21 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.39 -1.77 0.00	46.79 -1.40 0.00	47.65 -1.63 0.00	46.04 -1.77 0.00	44.79 -1.82 0.00	42.30 -1.85 0.00	41.35 -2.08 0.00	41.42 -2.09 0.00	44.43 -2.39 0.00	52.27 -2.75 0.00	56.96 -3.00 0.00	51.01 -2.35 0.00	45.55 -1.90 0.00	41.55 -1.69 0.00	37.59 -1.61 0.00	38.12 -1.67 0.00
RUSSELL___4 23556	39.77 -1.27 0.00	38.10 -1.34 0.00	36.47 -1.17 0.00	36.25 -1.35 0.00	36.28 -1.24 0.00	39.17 -1.21 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.39 -1.77 0.00	46.79 -1.40 0.00	47.65 -1.63 0.00	46.04 -1.77 0.00	44.79 -1.82 0.00	42.30 -1.85 0.00	41.35 -2.08 0.00	41.42 -2.09 0.00	44.43 -2.39 0.00	52.27 -2.75 0.00	56.96 -3.00 0.00	51.01 -2.35 0.00	45.55 -1.90 0.00	41.55 -1.69 0.00	37.59 -1.61 0.00	38.12 -1.67 0.00
RUSSELL___STATION 23914	39.77 -1.27 0.00	38.10 -1.34 0.00	36.47 -1.17 0.00	36.25 -1.35 0.00	36.28 -1.24 0.00	39.17 -1.21 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.39 -1.77 0.00	46.79 -1.40 0.00	47.65 -1.63 0.00	46.04 -1.77 0.00	44.79 -1.82 0.00	42.30 -1.85 0.00	41.35 -2.08 0.00	41.42 -2.09 0.00	44.43 -2.39 0.00	52.27 -2.75 0.00	56.96 -3.00 0.00	51.01 -2.35 0.00	45.55 -1.90 0.00	41.55 -1.69 0.00	37.59 -1.61 0.00	38.12 -1.67 0.00
S SALMON___HYD 24043	41.29 0.25 0.00	39.60 0.16 0.00	37.75 0.11 0.00	37.83 0.23 0.00	37.66 0.15 0.00	40.55 0.16 0.00	52.87 0.37 0.00	54.31 0.54 0.00	49.55 0.39 0.00	48.67 0.48 0.00	49.96 0.69 0.00	48.29 0.48 0.00	47.12 0.51 0.00	44.64 0.49 0.00	43.82 0.39 0.00	43.90 0.39 0.00	47.15 0.33 0.00	55.46 0.44 0.00	60.56 0.60 0.00	53.89 0.53 0.00	47.83 0.38 0.00	43.71 0.48 0.00	39.48 0.28 0.00	39.95 0.16 0.00
S.PERRY__115KV_TB1 80734	41.33 0.29 0.00	39.52 0.08 0.00	37.79 0.15 0.00	37.49 -0.11 0.00	37.48 -0.04 0.00	40.63 0.24 0.00	52.98 0.47 0.00	54.41 0.65 0.00	49.35 0.20 0.00	48.52 0.34 0.00	49.22 -0.05 0.00	47.33 -0.48 0.00	46.04 -0.56 0.00	43.31 -0.84 0.00	42.30 -1.13 0.00	42.47 -1.04 0.00	45.74 -1.08 0.00	54.09 -0.94 0.00	59.12 -0.84 0.00	53.04 -0.32 0.00	47.26 -0.19 0.00	43.02 -0.22 0.00	38.81 -0.39 0.00	39.27 -0.52 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.03 -2.01 0.00	37.35 -2.09 0.00	35.75 -1.88 0.00	35.46 -2.14 0.00	35.56 -1.95 0.00	38.24 -2.14 0.00	49.51 -2.99 0.00	50.60 -3.17 0.00	45.76 -3.39 0.00	45.15 -3.04 0.00	45.77 -3.50 0.00	44.18 -3.63 0.00	42.92 -3.68 0.00	40.44 -3.71 0.00	39.52 -3.91 0.00	39.64 -3.87 0.00	42.42 -4.40 0.00	49.58 -5.45 0.00	53.91 -6.06 0.00	48.66 -4.70 0.00	43.75 -3.70 0.00	40.17 -3.07 0.00	36.26 -2.94 0.00	37.00 -2.79 0.00

SAWYER___23_KV_LOAD 55526	39.03 -2.01 0.00	37.35 -2.09 0.00	35.75 -1.88 0.00	35.46 -2.14 0.00	35.56 -1.95 0.00	38.24 -2.14 0.00	49.51 -2.99 0.00	50.60 -3.17 0.00	45.76 -3.39 0.00	45.15 -3.04 0.00	45.77 -3.50 0.00	44.18 -3.63 0.00	42.92 -3.68 0.00	40.44 -3.71 0.00	39.52 -3.91 0.00	39.64 -3.87 0.00	42.42 -4.40 0.00	49.58 -5.45 0.00	53.91 -6.06 0.00	48.66 -4.70 0.00	43.75 -3.70 0.00	40.17 -3.07 0.00	36.26 -2.94 0.00	37.00 -2.79 0.00
SELKIRK___I 23801	41.94 0.90 0.00	40.31 0.87 0.00	38.50 0.87 0.00	38.43 0.83 0.00	38.41 0.90 0.00	41.31 0.93 0.00	53.50 1.00 0.00	54.63 0.86 0.00	50.09 0.93 0.00	48.95 0.77 0.00	50.06 0.79 0.00	48.62 0.81 0.00	47.30 0.70 0.00	44.86 0.70 0.00	44.22 0.78 0.00	44.34 0.82 0.00	47.75 0.94 0.00	56.07 1.04 0.00	61.28 1.32 0.00	54.53 1.17 0.00	48.45 1.00 0.00	44.18 0.95 0.00	40.22 1.02 0.00	40.94 1.15 0.00
SELKIRK___II 23799	41.66 0.62 0.00	40.07 0.63 0.00	38.27 0.64 0.00	38.21 0.60 0.00	38.19 0.68 0.00	41.07 0.69 0.00	53.19 0.68 0.00	54.31 0.54 0.00	49.84 0.69 0.00	48.72 0.53 0.00	49.82 0.54 0.00	48.39 0.58 0.00	47.12 0.51 0.00	44.68 0.53 0.00	44.04 0.61 0.00	44.16 0.65 0.00	47.56 0.75 0.00	55.80 0.77 0.00	60.92 0.96 0.00	54.26 0.91 0.00	48.21 0.76 0.00	43.92 0.69 0.00	39.98 0.78 0.00	40.70 0.92 0.00
SENECA OSWGO___HYD 24041	40.76 -0.29 0.00	39.12 -0.32 0.00	37.33 -0.30 0.00	37.38 -0.22 0.00	37.25 -0.26 0.00	40.18 -0.20 0.00	52.40 -0.10 0.00	53.77 0.00 0.00	49.21 0.05 0.00	48.28 0.10 0.00	49.47 0.20 0.00	47.81 0.00 0.00	46.65 0.05 0.00	44.15 0.00 0.00	43.26 -0.17 0.00	43.34 -0.17 0.00	46.63 -0.19 0.00	54.97 -0.05 0.00	60.08 0.12 0.00	53.47 0.11 0.00	47.45 0.00 0.00	43.23 0.00 0.00	39.08 -0.12 0.00	39.59 -0.20 0.00
SENECA___115KV_TB3 355854	39.77 -1.27 0.00	38.02 -1.42 0.00	36.39 -1.24 0.00	36.07 -1.54 0.00	36.16 -1.35 0.00	38.89 -1.49 0.00	50.40 -2.10 0.00	51.56 -2.20 0.00	46.60 -2.56 0.00	45.97 -2.22 0.00	46.66 -2.61 0.00	44.99 -2.82 0.00	43.71 -2.89 0.00	41.15 -3.00 0.00	40.18 -3.26 0.00	40.29 -3.22 0.00	43.12 -3.70 0.00	50.46 -4.57 0.00	54.93 -5.04 0.00	49.57 -3.79 0.00	44.56 -2.89 0.00	40.86 -2.38 0.00	36.89 -2.31 0.00	37.60 -2.19 0.00
SENECA___ENERGY 23797	40.26 -0.78 0.00	38.65 -0.79 0.00	36.88 -0.75 0.00	36.97 -0.64 0.00	36.80 -0.71 0.00	39.78 -0.60 0.00	51.82 -0.68 0.00	53.18 -0.59 0.00	48.52 -0.64 0.00	47.61 -0.58 0.00	48.63 -0.64 0.00	46.90 -0.91 0.00	45.72 -0.89 0.00	43.18 -0.97 0.00	42.30 -1.13 0.00	42.42 -1.09 0.00	45.65 -1.17 0.00	53.98 -1.05 0.00	59.00 -0.96 0.00	52.50 -0.86 0.00	46.64 -0.81 0.00	42.50 -0.74 0.00	38.42 -0.78 0.00	38.91 -0.88 0.00
SHOEMAKER___GT 23640	41.99 0.94 0.00	40.39 0.95 0.00	38.50 0.87 0.00	38.43 0.83 0.00	38.38 0.86 0.00	41.39 1.01 0.00	53.87 1.36 0.00	55.22 1.45 0.00	50.58 1.43 0.00	49.49 1.30 0.00	50.51 1.23 0.00	49.10 1.29 0.00	47.72 1.12 0.00	45.26 1.10 0.00	44.69 1.26 0.00	44.77 1.26 0.00	48.36 1.54 0.00	56.84 1.81 0.00	62.00 2.04 0.00	55.22 1.87 0.00	49.16 1.71 0.00	44.62 1.38 0.00	40.53 1.33 0.00	41.10 1.31 0.00
SHOEMAKR_138KV_BK 111 55601	41.95 0.90 0.00	40.39 0.95 0.00	38.46 0.83 0.00	38.47 0.86 0.00	38.38 0.86 0.00	41.35 0.97 0.00	53.82 1.31 0.00	55.17 1.40 0.00	50.58 1.43 0.00	49.49 1.30 0.00	50.55 1.28 0.00	49.10 1.29 0.00	47.72 1.12 0.00	45.26 1.10 0.00	44.65 1.22 0.00	44.77 1.26 0.00	48.31 1.50 0.00	56.90 1.87 0.00	62.12 2.16 0.00	55.17 1.81 0.00	49.11 1.66 0.00	44.66 1.43 0.00	40.53 1.33 0.00	41.06 1.27 0.00
SHOREHAM_IC_1 23715	42.56 1.52 0.00	40.78 1.34 0.00	38.58 0.94 0.00	38.25 0.64 0.00	38.11 0.60 0.00	42.00 1.62 0.00	61.80 3.15 -6.14	58.19 2.74 -1.68	48.69 1.47 1.94	45.06 1.59 4.72	45.49 1.33 5.12	43.71 1.24 5.35	39.79 0.98 7.79	38.72 1.06 6.49	43.97 1.48 0.94	45.28 1.48 -0.29	48.85 1.78 -0.25	54.81 1.76 1.98	64.05 3.18 -0.91	57.70 2.61 -1.73	50.12 1.95 -0.73	48.27 1.51 -3.52	44.19 1.45 -3.54	42.11 2.07 -0.25
SHOREHAM_IC_2 23716	42.56 1.52 0.00	40.78 1.34 0.00	38.58 0.94 0.00	38.25 0.64 0.00	38.11 0.60 0.00	42.00 1.62 0.00	61.80 3.15 -6.14	58.19 2.74 -1.68	48.69 1.47 1.94	45.06 1.59 4.72	45.49 1.33 5.12	43.71 1.24 5.35	39.79 0.98 7.79	38.72 1.06 6.49	43.97 1.48 0.94	45.28 1.48 -0.29	48.85 1.78 -0.25	54.81 1.76 1.98	64.05 3.18 -0.91	57.70 2.61 -1.73	50.12 1.95 -0.73	48.27 1.51 -3.52	44.19 1.45 -3.54	42.11 2.07 -0.25
SISSONVILLE____ 23735	42.68 1.64 0.00	40.98 1.54 0.00	39.10 1.47 0.00	39.04 1.43 0.00	38.71 1.20 0.00	41.39 1.01 0.00	53.61 1.10 0.00	54.90 1.13 0.00	49.79 0.64 0.00	48.96 0.77 0.00	50.06 0.79 0.00	48.81 1.00 0.00	48.10 1.49 0.00	45.83 1.68 0.00	45.00 1.56 0.00	45.08 1.57 0.00	48.13 1.31 0.00	56.18 1.16 0.00	60.56 0.60 0.00	53.84 0.48 0.00	48.02 0.57 0.00	44.06 0.82 0.00	39.94 0.74 0.00	40.62 0.84 0.00
SITHE_IND_GS1 24169	39.40 -1.64 0.00	37.82 -1.62 0.00	36.13 -1.51 0.00	36.14 -1.47 0.00	36.05 -1.46 0.00	38.81 -1.58 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	47.24 -1.92 0.00	46.35 -1.83 0.00	47.40 -1.87 0.00	45.95 -1.87 0.00	44.79 -1.82 0.00	42.39 -1.77 0.00	41.65 -1.78 0.00	41.72 -1.79 0.00	44.85 -1.96 0.00	52.77 -2.26 0.00	57.62 -2.34 0.00	51.22 -2.14 0.00	45.60 -1.85 0.00	41.55 -1.69 0.00	37.67 -1.53 0.00	38.20 -1.59 0.00
SITHE_IND_GS2 24170	39.40 -1.64 0.00	37.82 -1.62 0.00	36.13 -1.51 0.00	36.14 -1.47 0.00	36.05 -1.46 0.00	38.81 -1.58 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	47.24 -1.92 0.00	46.35 -1.83 0.00	47.40 -1.87 0.00	45.95 -1.87 0.00	44.79 -1.82 0.00	42.39 -1.77 0.00	41.65 -1.78 0.00	41.72 -1.79 0.00	44.85 -1.96 0.00	52.77 -2.26 0.00	57.62 -2.34 0.00	51.22 -2.14 0.00	45.60 -1.85 0.00	41.55 -1.69 0.00	37.67 -1.53 0.00	38.20 -1.59 0.00
SITHE_IND_GS3 24171	39.40 -1.64 0.00	37.82 -1.62 0.00	36.13 -1.51 0.00	36.14 -1.47 0.00	36.05 -1.46 0.00	38.81 -1.58 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	47.24 -1.92 0.00	46.35 -1.83 0.00	47.40 -1.87 0.00	45.95 -1.87 0.00	44.79 -1.82 0.00	42.39 -1.77 0.00	41.65 -1.78 0.00	41.72 -1.79 0.00	44.85 -1.96 0.00	52.77 -2.26 0.00	57.62 -2.34 0.00	51.22 -2.14 0.00	45.60 -1.85 0.00	41.55 -1.69 0.00	37.67 -1.53 0.00	38.20 -1.59 0.00
SITHE_IND_GS4 24172	39.40 -1.64 0.00	37.82 -1.62 0.00	36.13 -1.51 0.00	36.14 -1.47 0.00	36.05 -1.46 0.00	38.81 -1.58 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	47.24 -1.92 0.00	46.35 -1.83 0.00	47.40 -1.87 0.00	45.95 -1.87 0.00	44.79 -1.82 0.00	42.39 -1.77 0.00	41.65 -1.78 0.00	41.72 -1.79 0.00	44.85 -1.96 0.00	52.77 -2.26 0.00	57.62 -2.34 0.00	51.22 -2.14 0.00	45.60 -1.85 0.00	41.55 -1.69 0.00	37.67 -1.53 0.00	38.20 -1.59 0.00

SITHE___BATAVIA 24024	39.73 -1.31 0.00	38.06 -1.38 0.00	36.36 -1.28 0.00	36.59 -1.01 0.00	36.28 -1.24 0.00	39.21 -1.17 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.14 -2.02 0.00	46.64 -1.54 0.00	47.65 -1.62 0.00	45.61 -2.20 0.00	44.27 -2.33 0.00	41.77 -2.38 0.00	40.78 -2.65 0.00	40.90 -2.61 0.00	43.77 -3.04 0.00	52.00 -3.03 0.00	57.21 -2.76 0.00	50.32 -3.04 0.00	44.98 -2.47 0.00	41.25 -1.99 0.00	37.28 -1.92 0.00	37.88 -1.91 0.00
SITHE___INDEPEND 23800	39.40 -1.64 0.00	37.86 -1.58 0.00	36.17 -1.47 0.00	36.10 -1.50 0.00	36.05 -1.46 0.00	38.81 -1.58 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	47.24 -1.92 0.00	46.35 -1.83 0.00	47.40 -1.87 0.00	45.95 -1.86 0.00	44.74 -1.86 0.00	42.39 -1.77 0.00	41.65 -1.78 0.00	41.68 -1.83 0.00	44.85 -1.97 0.00	52.71 -2.31 0.00	57.50 -2.46 0.00	51.22 -2.13 0.00	45.60 -1.85 0.00	41.55 -1.69 0.00	37.67 -1.53 0.00	38.20 -1.59 0.00
SITHE___MASSENA 23902	42.40 1.35 0.00	40.78 1.34 0.00	38.92 1.28 0.00	38.85 1.24 0.00	38.64 1.12 0.00	41.51 1.13 0.00	53.87 1.36 0.00	55.11 1.34 0.00	50.09 0.93 0.00	49.20 1.01 0.00	50.36 1.08 0.00	48.96 1.15 0.00	47.96 1.35 0.00	45.52 1.37 0.00	44.69 1.26 0.00	44.77 1.26 0.00	48.03 1.22 0.00	56.29 1.27 0.00	60.92 0.96 0.00	54.21 0.85 0.00	48.21 0.76 0.00	44.01 0.78 0.00	39.82 0.63 0.00	40.54 0.75 0.00
SITHE___OGDNSBRG 24021	43.26 2.22 0.00	41.53 2.09 0.00	39.59 1.96 0.00	39.56 1.96 0.00	39.31 1.80 0.00	42.12 1.74 0.00	54.76 2.26 0.00	56.03 2.26 0.00	50.73 1.57 0.00	49.87 1.69 0.00	51.00 1.72 0.00	49.63 1.82 0.00	48.70 2.10 0.00	46.32 2.16 0.00	45.48 2.04 0.00	45.60 2.09 0.00	48.88 2.06 0.00	57.23 2.20 0.00	61.82 1.86 0.00	55.01 1.65 0.00	48.97 1.52 0.00	44.79 1.56 0.00	40.49 1.29 0.00	41.18 1.39 0.00
SITHE___STERLING 23777	42.11 1.07 0.00	40.39 0.95 0.00	38.46 0.83 0.00	38.55 0.94 0.00	38.41 0.90 0.00	41.43 1.05 0.00	54.08 1.57 0.00	55.49 1.72 0.00	50.63 1.47 0.00	49.68 1.50 0.00	50.85 1.58 0.00	49.20 1.39 0.00	47.96 1.35 0.00	45.43 1.28 0.00	44.61 1.17 0.00	44.69 1.18 0.00	48.03 1.22 0.00	56.51 1.49 0.00	61.70 1.74 0.00	54.85 1.49 0.00	48.73 1.28 0.00	44.40 1.17 0.00	40.10 0.90 0.00	40.66 0.87 0.00
SLEIGHT__34_KV_TB1 80719	39.77 -1.27 0.00	38.14 -1.30 0.00	36.47 -1.17 0.00	36.33 -1.28 0.00	36.31 -1.20 0.00	39.21 -1.17 0.00	51.03 -1.47 0.00	52.37 -1.40 0.00	47.73 -1.43 0.00	46.98 -1.20 0.00	47.94 -1.33 0.00	46.33 -1.48 0.00	45.16 -1.44 0.00	42.65 -1.50 0.00	41.74 -1.69 0.00	41.81 -1.70 0.00	44.90 -1.92 0.00	52.88 -2.15 0.00	57.62 -2.34 0.00	51.54 -1.81 0.00	45.89 -1.57 0.00	41.81 -1.43 0.00	37.83 -1.37 0.00	38.36 -1.43 0.00
SOUTH CAIRO___GT 23612	43.22 2.18 0.00	41.61 2.17 0.00	39.67 2.03 0.00	39.75 2.14 0.00	39.65 2.14 0.00	42.57 2.18 0.00	55.34 2.84 0.00	56.30 2.53 0.00	51.52 2.36 0.00	50.26 2.07 0.00	51.10 1.82 0.00	49.63 1.82 0.00	48.23 1.63 0.00	45.61 1.46 0.00	45.08 1.65 0.00	45.34 1.83 0.00	49.20 2.39 0.00	57.94 2.92 0.00	63.38 3.42 0.00	56.24 2.88 0.00	49.87 2.42 0.00	45.22 1.99 0.00	41.32 2.12 0.00	42.10 2.31 0.00
SOUTH HAMPTN___IC 23720	42.89 1.85 0.00	41.06 1.62 0.00	38.76 1.13 0.00	38.36 0.75 0.00	38.11 0.60 0.00	42.00 1.62 0.00	61.85 3.20 -6.14	58.19 2.74 -1.68	47.52 1.53 3.17	41.68 1.64 8.14	40.08 1.33 10.53	40.02 1.20 8.99	34.82 0.93 12.72	34.53 0.97 10.60	39.94 1.39 4.88	40.38 1.39 4.52	44.77 1.64 3.68	53.40 1.60 3.22	63.99 3.12 -0.91	57.59 2.51 -1.73	47.39 1.80 1.87	47.56 1.38 -2.95	44.03 1.29 -3.54	42.11 2.07 -0.25
SOUTHDOW_115KV_TB1 355954	41.45 0.41 0.00	39.60 0.16 0.00	37.86 0.23 0.00	37.42 -0.19 0.00	37.48 -0.04 0.00	40.43 0.04 0.00	52.82 0.32 0.00	54.04 0.27 0.00	48.62 -0.54 0.00	47.70 -0.48 0.00	48.44 -0.84 0.00	46.62 -1.20 0.00	45.16 -1.44 0.00	42.47 -1.68 0.00	41.39 -2.04 0.00	41.60 -1.91 0.00	44.52 -2.29 0.00	52.16 -2.86 0.00	56.96 -3.00 0.00	51.22 -2.13 0.00	45.89 -1.57 0.00	42.02 -1.21 0.00	37.87 -1.33 0.00	38.56 -1.23 0.00
SOUTHOLD_69_KV_BK 2 55809	43.55 2.50 0.00	41.61 2.17 0.00	39.14 1.51 0.00	38.66 1.05 0.00	38.19 0.68 0.00	42.00 1.62 0.00	61.79 3.15 -6.13	58.13 2.69 -1.67	47.54 1.57 3.19	41.65 1.69 8.22	39.86 1.23 10.64	39.79 1.05 9.07	34.44 0.65 12.82	34.27 0.79 10.68	39.68 1.22 4.97	40.14 1.26 4.63	44.40 1.36 3.77	53.48 1.71 3.25	64.16 3.30 -0.90	57.27 2.19 -1.72	47.04 1.52 1.93	47.37 1.21 -2.93	43.94 1.22 -3.53	42.02 1.99 -0.25
SOUTHOLD___IC 23719	43.51 2.46 0.00	41.57 2.13 0.00	39.14 1.51 0.00	38.58 0.98 0.00	38.15 0.64 0.00	41.96 1.57 0.00	61.80 3.15 -6.14	58.14 2.69 -1.68	47.54 1.57 3.19	41.66 1.69 8.21	39.77 1.13 10.63	39.80 1.05 9.06	34.53 0.74 12.82	34.31 0.84 10.68	39.73 1.26 4.96	40.15 1.26 4.62	44.46 1.40 3.76	53.15 1.38 3.25	63.81 2.94 -0.91	57.33 2.24 -1.73	47.15 1.61 1.92	47.34 1.17 -2.94	43.80 1.06 -3.54	42.03 1.99 -0.25
SOUTH_FORK_WT_PWR 323839	43.55 2.50 0.00	41.61 2.17 0.00	39.07 1.43 0.00	38.36 0.75 0.00	37.85 0.34 0.00	41.56 1.17 0.00	61.27 2.62 -6.14	57.55 2.09 -1.68	47.06 1.08 3.18	41.22 1.21 8.17	39.19 0.49 10.58	39.22 0.43 9.02	33.94 0.09 12.76	33.78 0.27 10.64	39.21 0.69 4.92	39.64 0.69 4.57	43.84 0.75 3.72	52.34 0.55 3.24	62.97 2.10 -0.91	56.58 1.49 -1.73	46.46 0.90 1.89	46.70 0.52 -2.94	43.25 0.51 -3.54	41.64 1.59 -0.25
SPIERFLS_115KV_TB 1 80737	43.05 2.01 0.00	41.37 1.93 0.00	39.40 1.77 0.00	39.45 1.84 0.00	39.39 1.88 0.00	42.57 2.18 0.00	55.71 3.20 0.00	56.73 2.96 0.00	52.35 3.20 0.00	51.17 2.99 0.00	52.18 2.91 0.00	50.68 2.87 0.00	49.26 2.66 0.00	46.67 2.52 0.00	45.91 2.48 0.00	46.08 2.57 0.00	49.39 2.57 0.00	57.83 2.81 0.00	63.56 3.60 0.00	56.40 3.04 0.00	50.06 2.61 0.00	45.79 2.55 0.00	42.77 3.57 0.00	43.53 3.74 0.00
ST LAWRENCE____ 23600	41.66 0.62 0.00	40.07 0.63 0.00	38.24 0.60 0.00	38.17 0.56 0.00	38.00 0.49 0.00	40.87 0.49 0.00	53.03 0.52 0.00	54.31 0.54 0.00	49.45 0.30 0.00	48.53 0.34 0.00	49.67 0.39 0.00	48.24 0.43 0.00	47.16 0.56 0.00	44.77 0.62 0.00	43.96 0.52 0.00	44.07 0.56 0.00	47.28 0.47 0.00	55.52 0.49 0.00	60.14 0.18 0.00	53.52 0.16 0.00	47.59 0.14 0.00	43.36 0.13 0.00	39.24 0.04 0.00	39.91 0.12 0.00
STATE_CA_115KV_115_LB 55624	41.74 0.70 0.00	40.15 0.71 0.00	38.39 0.75 0.00	38.43 0.83 0.00	38.34 0.83 0.00	41.15 0.77 0.00	53.19 0.68 0.00	54.25 0.48 0.00	49.84 0.69 0.00	48.76 0.58 0.00	49.91 0.64 0.00	48.48 0.67 0.00	47.21 0.61 0.00	44.77 0.62 0.00	44.13 0.69 0.00	44.25 0.74 0.00	47.61 0.80 0.00	55.85 0.83 0.00	61.10 1.14 0.00	54.27 0.91 0.00	48.21 0.76 0.00	43.97 0.73 0.00	40.06 0.86 0.00	40.82 1.03 0.00

STATE_ST_34_KV_LOAD 55959	40.67 -0.37 0.00	39.01 -0.43 0.00	37.26 -0.38 0.00	37.19 -0.41 0.00	37.14 -0.38 0.00	40.10 -0.28 0.00	52.24 -0.26 0.00	53.61 -0.16 0.00	49.01 -0.15 0.00	48.04 -0.14 0.00	49.08 -0.20 0.00	47.48 -0.33 0.00	46.28 -0.33 0.00	43.76 -0.40 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.64 -0.39 0.00	59.60 -0.36 0.00	53.20 -0.16 0.00	47.31 -0.14 0.00	43.02 -0.22 0.00	38.89 -0.31 0.00	39.39 -0.40 0.00
STATION 5_MISC_HYD 23604	39.48 -1.56 0.00	37.86 -1.58 0.00	36.17 -1.47 0.00	36.33 -1.28 0.00	36.09 -1.43 0.00	38.97 -1.41 0.00	50.62 -1.89 0.00	51.88 -1.88 0.00	47.14 -2.02 0.00	46.55 -1.64 0.00	47.55 -1.73 0.00	45.76 -2.05 0.00	44.51 -2.10 0.00	42.03 -2.12 0.00	41.13 -2.30 0.00	41.20 -2.31 0.00	44.15 -2.67 0.00	52.33 -2.70 0.00	57.39 -2.58 0.00	50.64 -2.72 0.00	45.17 -2.28 0.00	41.29 -1.94 0.00	37.40 -1.80 0.00	37.96 -1.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.22 -0.82 0.00	38.53 -0.91 0.00	36.85 -0.79 0.00	36.70 -0.90 0.00	36.69 -0.83 0.00	39.70 -0.69 0.00	51.66 -0.84 0.00	53.02 -0.75 0.00	48.22 -0.93 0.00	47.46 -0.72 0.00	48.39 -0.89 0.00	46.76 -1.05 0.00	45.49 -1.12 0.00	42.96 -1.19 0.00	42.04 -1.39 0.00	42.51 -1.00 0.00	45.65 -1.17 0.00	53.87 -1.16 0.00	58.70 -1.26 0.00	52.50 -0.85 0.00	46.69 -0.76 0.00	42.50 -0.73 0.00	38.49 -0.71 0.00	38.95 -0.84 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.40 -1.64 0.00	37.74 -1.70 0.00	36.13 -1.51 0.00	35.91 -1.69 0.00	35.94 -1.58 0.00	38.81 -1.58 0.00	50.40 -2.10 0.00	51.67 -2.10 0.00	46.94 -2.21 0.00	46.35 -1.83 0.00	47.15 -2.12 0.00	45.61 -2.20 0.00	44.37 -2.24 0.00	41.90 -2.25 0.00	41.00 -2.43 0.00	41.07 -2.44 0.00	44.05 -2.76 0.00	51.83 -3.19 0.00	56.48 -3.48 0.00	50.58 -2.77 0.00	45.13 -2.33 0.00	41.16 -2.08 0.00	37.28 -1.92 0.00	37.80 -1.99 0.00
STA_56___34_KV_BUS2 355983	39.40 -1.64 0.00	37.74 -1.70 0.00	36.13 -1.51 0.00	35.91 -1.69 0.00	35.94 -1.58 0.00	38.81 -1.58 0.00	50.40 -2.10 0.00	51.67 -2.10 0.00	46.94 -2.21 0.00	46.35 -1.83 0.00	47.15 -2.12 0.00	45.61 -2.20 0.00	44.37 -2.24 0.00	41.90 -2.25 0.00	41.00 -2.43 0.00	41.07 -2.44 0.00	44.05 -2.76 0.00	51.83 -3.19 0.00	56.48 -3.48 0.00	50.58 -2.77 0.00	45.13 -2.33 0.00	41.16 -2.08 0.00	37.28 -1.92 0.00	37.80 -1.99 0.00
STA_67___115KV_BK2 355882	39.48 -1.56 0.00	37.82 -1.62 0.00	36.21 -1.43 0.00	35.99 -1.62 0.00	36.01 -1.50 0.00	38.89 -1.49 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	46.99 -2.16 0.00	46.35 -1.83 0.00	47.15 -2.12 0.00	45.61 -2.20 0.00	44.37 -2.24 0.00	41.90 -2.25 0.00	41.00 -2.43 0.00	41.07 -2.44 0.00	44.05 -2.76 0.00	51.78 -3.25 0.00	56.42 -3.54 0.00	50.53 -2.83 0.00	45.13 -2.33 0.00	41.20 -2.03 0.00	37.28 -1.92 0.00	37.84 -1.95 0.00
STA_7___115KV_9TRANS 80674	39.77 -1.27 0.00	38.10 -1.34 0.00	36.47 -1.17 0.00	36.25 -1.35 0.00	36.28 -1.24 0.00	39.17 -1.21 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.39 -1.77 0.00	46.79 -1.40 0.00	47.65 -1.63 0.00	46.04 -1.77 0.00	44.79 -1.82 0.00	42.30 -1.85 0.00	41.35 -2.08 0.00	41.42 -2.09 0.00	44.43 -2.39 0.00	52.27 -2.75 0.00	56.96 -3.00 0.00	51.01 -2.35 0.00	45.55 -1.90 0.00	41.55 -1.69 0.00	37.59 -1.61 0.00	38.12 -1.67 0.00
STA_82___115KV_TB1 80780	39.48 -1.56 0.00	37.82 -1.62 0.00	36.21 -1.43 0.00	35.99 -1.62 0.00	36.05 -1.46 0.00	38.89 -1.49 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	46.99 -2.16 0.00	46.35 -1.83 0.00	47.15 -2.12 0.00	45.61 -2.20 0.00	44.37 -2.24 0.00	41.90 -2.25 0.00	41.00 -2.43 0.00	41.07 -2.44 0.00	44.05 -2.76 0.00	51.78 -3.25 0.00	56.42 -3.54 0.00	50.53 -2.83 0.00	45.13 -2.33 0.00	41.20 -2.03 0.00	37.28 -1.92 0.00	37.84 -1.95 0.00
STEEL___WIND 323596	39.57 -1.48 0.00	37.90 -1.54 0.00	36.17 -1.47 0.00	36.44 -1.17 0.00	36.09 -1.43 0.00	38.85 -1.53 0.00	50.35 -2.15 0.00	51.51 -2.26 0.00	46.55 -2.61 0.00	45.97 -2.22 0.00	46.96 -2.32 0.00	44.94 -2.87 0.00	43.62 -2.98 0.00	41.11 -3.05 0.00	40.09 -3.34 0.00	40.25 -3.26 0.00	43.03 -3.79 0.00	50.95 -4.07 0.00	56.00 -3.96 0.00	49.41 -3.95 0.00	44.32 -3.13 0.00	40.77 -2.46 0.00	36.77 -2.43 0.00	37.52 -2.27 0.00
STEPHTWN_115KV_BK_2 55603	42.07 1.03 0.00	40.47 1.03 0.00	38.69 1.05 0.00	38.70 1.09 0.00	38.60 1.09 0.00	41.52 1.13 0.00	53.66 1.16 0.00	54.74 0.97 0.00	50.34 1.18 0.00	49.25 1.06 0.00	50.36 1.08 0.00	48.91 1.10 0.00	47.58 0.98 0.00	45.12 0.97 0.00	44.48 1.04 0.00	44.60 1.09 0.00	47.99 1.17 0.00	56.29 1.27 0.00	61.64 1.68 0.00	54.69 1.33 0.00	48.59 1.14 0.00	44.32 1.08 0.00	40.38 1.18 0.00	41.14 1.35 0.00
STEUBEN_REC_LFGE 323667	41.21 0.16 0.00	39.40 -0.04 0.00	37.48 -0.15 0.00	37.19 -0.41 0.00	37.10 -0.41 0.00	40.10 -0.28 0.00	52.35 -0.16 0.00	53.77 0.00 0.00	48.81 -0.34 0.00	47.90 -0.29 0.00	48.58 -0.69 0.00	46.71 -1.10 0.00	45.30 -1.30 0.00	42.43 -1.72 0.00	41.26 -2.17 0.00	41.25 -2.26 0.00	44.43 -2.39 0.00	52.49 -2.53 0.00	57.26 -2.70 0.00	51.70 -1.65 0.00	46.27 -1.19 0.00	42.15 -1.08 0.00	37.91 -1.29 0.00	38.40 -1.39 0.00
STILLWATER___SOLAR 323814	43.42 2.38 0.00	41.73 2.29 0.00	39.78 2.14 0.00	39.75 2.14 0.00	39.73 2.21 0.00	42.36 1.98 0.00	55.34 2.83 0.00	56.40 2.63 0.00	51.91 2.75 0.00	50.69 2.50 0.00	51.78 2.51 0.00	50.30 2.48 0.00	48.93 2.33 0.00	46.36 2.21 0.00	45.65 2.21 0.00	45.77 2.26 0.00	49.25 2.43 0.00	57.72 2.70 0.00	63.26 3.30 0.00	56.24 2.88 0.00	49.96 2.51 0.00	46.09 2.85 0.00	41.79 2.59 0.00	42.45 2.67 0.00
STONY___BROOK 24151	43.38 2.34 0.00	41.61 2.17 0.00	39.44 1.81 0.00	39.26 1.65 0.00	39.16 1.65 0.00	42.73 2.34 0.00	62.16 3.52 -6.14	59.11 3.66 -1.68	52.11 3.10 0.15	51.65 3.18 -0.28	55.01 2.96 -2.78	50.42 2.63 0.02	48.29 2.28 0.59	45.95 2.29 0.50	51.07 2.82 -4.82	53.67 2.83 -7.33	56.05 3.23 -6.00	58.29 3.41 0.15	64.95 4.08 -0.91	58.98 3.89 -1.73	55.38 3.42 -4.51	50.45 2.85 -4.36	45.36 2.63 -3.54	42.83 2.78 -0.25
STURGEON_POOL_HYD 23609	42.36 1.31 0.00	40.78 1.34 0.00	38.80 1.17 0.00	38.85 1.24 0.00	38.75 1.24 0.00	41.76 1.37 0.00	54.45 1.94 0.00	55.81 2.04 0.00	51.12 1.97 0.00	50.02 1.83 0.00	51.05 1.77 0.00	49.63 1.82 0.00	48.19 1.58 0.00	45.65 1.50 0.00	45.08 1.65 0.00	45.21 1.70 0.00	48.88 2.06 0.00	57.67 2.64 0.00	62.96 3.00 0.00	55.87 2.51 0.00	49.68 2.23 0.00	45.09 1.86 0.00	40.92 1.72 0.00	41.50 1.71 0.00
ST_LAW_115_BK7_LBMP 345037	41.74 0.70 0.00	40.11 0.67 0.00	38.27 0.64 0.00	38.21 0.60 0.00	38.08 0.56 0.00	40.91 0.52 0.00	53.08 0.58 0.00	54.36 0.59 0.00	49.45 0.30 0.00	48.57 0.38 0.00	49.67 0.39 0.00	48.29 0.48 0.00	47.21 0.60 0.00	44.82 0.66 0.00	44.04 0.61 0.00	44.12 0.61 0.00	47.38 0.56 0.00	55.52 0.49 0.00	60.20 0.24 0.00	53.57 0.21 0.00	47.59 0.14 0.00	43.36 0.13 0.00	39.28 0.08 0.00	39.95 0.16 0.00

ST_LAW_115_BK8_LBMP 345038	41.74 0.70 0.00	40.11 0.67 0.00	38.27 0.64 0.00	38.21 0.60 0.00	38.08 0.56 0.00	40.91 0.52 0.00	53.08 0.58 0.00	54.36 0.59 0.00	49.45 0.30 0.00	48.57 0.38 0.00	49.67 0.39 0.00	48.29 0.48 0.00	47.21 0.60 0.00	44.82 0.66 0.00	44.04 0.61 0.00	44.12 0.61 0.00	47.38 0.56 0.00	55.52 0.49 0.00	60.20 0.24 0.00	53.57 0.21 0.00	47.59 0.14 0.00	43.36 0.13 0.00	39.28 0.08 0.00	39.95 0.16 0.00
ST_LAW_230_BK5_LBMP 345035	41.66 0.62 0.00	40.07 0.63 0.00	38.24 0.60 0.00	38.17 0.56 0.00	38.00 0.49 0.00	40.87 0.49 0.00	53.03 0.52 0.00	54.31 0.54 0.00	49.45 0.30 0.00	48.53 0.34 0.00	49.67 0.39 0.00	48.24 0.43 0.00	47.16 0.56 0.00	44.77 0.62 0.00	43.96 0.52 0.00	44.07 0.56 0.00	47.28 0.47 0.00	55.52 0.49 0.00	60.14 0.18 0.00	53.52 0.16 0.00	47.59 0.14 0.00	43.36 0.13 0.00	39.24 0.04 0.00	39.91 0.12 0.00
ST_LAW_230_BK6_LBMP 345036	41.66 0.62 0.00	40.07 0.63 0.00	38.24 0.60 0.00	38.17 0.56 0.00	38.00 0.49 0.00	40.87 0.49 0.00	53.03 0.52 0.00	54.31 0.54 0.00	49.45 0.30 0.00	48.53 0.34 0.00	49.67 0.39 0.00	48.24 0.43 0.00	47.16 0.56 0.00	44.77 0.62 0.00	43.96 0.52 0.00	44.07 0.56 0.00	47.28 0.47 0.00	55.52 0.49 0.00	60.14 0.18 0.00	53.52 0.16 0.00	47.59 0.14 0.00	43.36 0.13 0.00	39.24 0.04 0.00	39.91 0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.07 1.03 0.00	40.47 1.03 0.00	38.54 0.90 0.00	38.55 0.94 0.00	38.45 0.94 0.00	41.48 1.09 0.00	53.92 1.42 0.00	55.33 1.56 0.00	50.73 1.57 0.00	49.63 1.45 0.00	50.70 1.43 0.00	49.29 1.48 0.00	47.91 1.30 0.00	45.43 1.28 0.00	44.82 1.39 0.00	44.95 1.44 0.00	48.50 1.69 0.00	57.12 2.09 0.00	62.36 2.40 0.00	55.39 2.03 0.00	49.25 1.80 0.00	44.79 1.56 0.00	40.69 1.49 0.00	41.22 1.43 0.00
SWANROAD_115KV_TB1 355699	38.09 -2.96 0.00	36.44 -3.00 0.00	34.93 -2.71 0.00	34.60 -3.01 0.00	34.74 -2.78 0.00	37.32 -3.07 0.00	48.25 -4.25 0.00	49.31 -4.46 0.00	44.58 -4.57 0.00	44.04 -4.14 0.00	44.59 -4.68 0.00	43.08 -4.73 0.00	41.85 -4.75 0.00	39.43 -4.72 0.00	38.53 -4.91 0.00	38.64 -4.87 0.00	41.29 -5.52 0.00	48.26 -6.77 0.00	52.47 -7.50 0.00	47.38 -5.98 0.00	42.66 -4.79 0.00	39.17 -4.06 0.00	35.36 -3.84 0.00	36.13 -3.66 0.00
SYNERGY___BIOGAS 323694	39.73 -1.31 0.00	38.06 -1.38 0.00	36.36 -1.28 0.00	36.59 -1.01 0.00	36.28 -1.24 0.00	39.21 -1.17 0.00	50.88 -1.63 0.00	52.16 -1.61 0.00	47.14 -2.02 0.00	46.64 -1.54 0.00	47.65 -1.62 0.00	45.61 -2.20 0.00	44.27 -2.33 0.00	41.77 -2.38 0.00	40.78 -2.65 0.00	40.90 -2.61 0.00	43.77 -3.04 0.00	52.00 -3.03 0.00	57.21 -2.76 0.00	50.32 -3.04 0.00	44.98 -2.47 0.00	41.25 -1.99 0.00	37.28 -1.92 0.00	37.88 -1.91 0.00
SYRACUSE___ENERGY_ST1 323597	40.55 -0.49 0.00	38.93 -0.51 0.00	37.18 -0.45 0.00	37.12 -0.49 0.00	37.06 -0.45 0.00	39.94 -0.44 0.00	52.03 -0.47 0.00	53.34 -0.43 0.00	48.81 -0.34 0.00	47.90 -0.29 0.00	48.98 -0.30 0.00	47.43 -0.38 0.00	46.23 -0.37 0.00	43.76 -0.40 0.00	42.91 -0.52 0.00	42.99 -0.52 0.00	46.25 -0.56 0.00	54.47 -0.55 0.00	59.42 -0.54 0.00	53.04 -0.32 0.00	47.12 -0.33 0.00	42.89 -0.35 0.00	38.81 -0.39 0.00	39.35 -0.44 0.00
SYRACUSE___ENERGY_ST2 323598	40.55 -0.49 0.00	38.93 -0.51 0.00	37.18 -0.45 0.00	37.12 -0.49 0.00	37.06 -0.45 0.00	39.94 -0.44 0.00	52.03 -0.47 0.00	53.34 -0.43 0.00	48.81 -0.34 0.00	47.90 -0.29 0.00	48.98 -0.30 0.00	47.43 -0.38 0.00	46.23 -0.37 0.00	43.76 -0.40 0.00	42.91 -0.52 0.00	42.99 -0.52 0.00	46.25 -0.56 0.00	54.47 -0.55 0.00	59.42 -0.54 0.00	53.04 -0.32 0.00	47.12 -0.33 0.00	42.89 -0.35 0.00	38.81 -0.39 0.00	39.35 -0.44 0.00
SYRACUSE___POWER 24017	40.39 -0.66 0.00	38.77 -0.67 0.00	37.03 -0.60 0.00	37.01 -0.60 0.00	36.91 -0.60 0.00	39.82 -0.57 0.00	51.87 -0.63 0.00	53.18 -0.59 0.00	48.66 -0.49 0.00	47.70 -0.48 0.00	48.78 -0.49 0.00	47.24 -0.57 0.00	46.04 -0.56 0.00	43.58 -0.57 0.00	42.78 -0.65 0.00	42.81 -0.70 0.00	46.07 -0.75 0.00	54.25 -0.77 0.00	59.18 -0.78 0.00	52.82 -0.53 0.00	46.93 -0.52 0.00	42.72 -0.52 0.00	38.69 -0.51 0.00	39.19 -0.60 0.00
TALLMAN___138KV_BK151 55660	42.15 1.11 0.00	40.58 1.14 0.00	38.65 1.02 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.60 1.21 0.00	54.08 1.58 0.00	55.49 1.72 0.00	50.93 1.77 0.00	49.82 1.64 0.00	50.90 1.63 0.00	49.44 1.63 0.00	48.05 1.44 0.00	45.61 1.46 0.00	45.00 1.56 0.00	45.12 1.61 0.00	48.64 1.83 0.00	57.28 2.26 0.00	62.60 2.64 0.00	55.55 2.19 0.00	49.44 1.99 0.00	44.96 1.73 0.00	40.85 1.65 0.00	41.38 1.59 0.00
TEALLAVE_115KV_TB7 355573	40.22 -0.82 0.00	38.61 -0.83 0.00	36.88 -0.75 0.00	36.82 -0.79 0.00	36.76 -0.75 0.00	39.62 -0.77 0.00	51.61 -0.89 0.00	52.91 -0.86 0.00	48.42 -0.74 0.00	47.46 -0.72 0.00	48.53 -0.74 0.00	47.00 -0.81 0.00	45.81 -0.79 0.00	43.36 -0.79 0.00	42.57 -0.87 0.00	42.64 -0.87 0.00	45.83 -0.98 0.00	53.92 -1.10 0.00	58.82 -1.14 0.00	52.50 -0.85 0.00	46.69 -0.76 0.00	42.50 -0.73 0.00	38.49 -0.71 0.00	39.03 -0.76 0.00
TELGRAPH_34_KV_EAST 80808	39.15 -1.89 0.00	37.43 -2.01 0.00	35.90 -1.73 0.00	35.58 -2.03 0.00	35.67 -1.84 0.00	38.45 -1.94 0.00	49.83 -2.68 0.00	50.97 -2.80 0.00	46.11 -3.05 0.00	45.54 -2.65 0.00	46.22 -3.05 0.00	44.61 -3.20 0.00	43.34 -3.26 0.00	40.80 -3.36 0.00	39.87 -3.56 0.00	39.99 -3.52 0.00	42.74 -4.07 0.00	50.07 -4.95 0.00	54.51 -5.46 0.00	49.14 -4.22 0.00	44.08 -3.37 0.00	40.42 -2.81 0.00	36.49 -2.70 0.00	37.20 -2.59 0.00
TEMPLE___115KV_TB 2 55572	40.22 -0.82 0.00	38.61 -0.83 0.00	36.88 -0.75 0.00	36.82 -0.79 0.00	36.76 -0.75 0.00	39.62 -0.77 0.00	51.61 -0.89 0.00	52.91 -0.86 0.00	48.42 -0.74 0.00	47.51 -0.67 0.00	48.53 -0.74 0.00	47.00 -0.81 0.00	45.81 -0.79 0.00	43.36 -0.79 0.00	42.57 -0.87 0.00	42.64 -0.87 0.00	45.83 -0.98 0.00	53.98 -1.05 0.00	58.88 -1.08 0.00	52.50 -0.85 0.00	46.69 -0.76 0.00	42.50 -0.73 0.00	38.49 -0.71 0.00	39.03 -0.76 0.00
TIANA____69_KV_BK 1 55817	42.81 1.76 0.00	40.98 1.54 0.00	38.69 1.05 0.00	38.43 0.83 0.00	38.15 0.64 0.00	42.08 1.70 0.00	61.84 3.20 -6.13	58.24 2.80 -1.67	47.54 1.57 3.19	41.62 1.64 8.21	40.08 1.43 10.62	40.04 1.29 9.06	34.74 0.93 12.80	34.55 1.06 10.67	39.91 1.43 4.95	40.38 1.48 4.61	44.75 1.69 3.76	53.87 2.09 3.25	64.46 3.60 -0.90	57.59 2.51 -1.72	47.39 1.85 1.92	47.68 1.51 -2.93	44.26 1.53 -3.53	42.14 2.11 -0.25
TILDEN___115KV_TB1 80814	40.39 -0.66 0.00	38.77 -0.67 0.00	37.03 -0.60 0.00	37.01 -0.60 0.00	36.91 -0.60 0.00	39.82 -0.57 0.00	51.87 -0.63 0.00	53.18 -0.59 0.00	48.66 -0.49 0.00	47.70 -0.48 0.00	48.78 -0.49 0.00	47.24 -0.57 0.00	46.04 -0.56 0.00	43.58 -0.57 0.00	42.78 -0.65 0.00	42.81 -0.70 0.00	46.07 -0.75 0.00	54.25 -0.77 0.00	59.18 -0.78 0.00	52.82 -0.53 0.00	46.93 -0.52 0.00	42.72 -0.52 0.00	38.69 -0.51 0.00	39.19 -0.60 0.00

TRIGEN___CC 323695	43.05 2.01 0.00	41.33 1.89 0.00	39.29 1.66 0.00	39.22 1.62 0.00	39.13 1.61 0.00	42.40 2.02 0.00	61.42 2.78 -6.13	58.45 3.01 -1.67	52.01 2.85 0.00	51.72 2.84 -0.69	55.61 2.91 -3.43	51.09 2.87 -0.41	49.17 2.56 0.00	46.67 2.52 0.00	51.37 2.65 -5.28	54.07 2.65 -7.90	56.28 3.00 -6.47	58.55 3.52 0.00	64.88 4.02 -0.90	58.55 3.47 -1.72	55.40 3.13 -4.82	50.38 2.72 -4.42	45.24 2.51 -3.53	42.50 2.47 -0.25
TRINITY___115KV___4 BK 55933	41.66 0.62 0.00	40.07 0.63 0.00	38.31 0.68 0.00	38.36 0.75 0.00	38.26 0.75 0.00	41.11 0.73 0.00	53.13 0.63 0.00	54.20 0.43 0.00	49.79 0.64 0.00	48.67 0.48 0.00	49.82 0.54 0.00	48.38 0.57 0.00	47.12 0.51 0.00	44.68 0.53 0.00	44.09 0.65 0.00	44.16 0.65 0.00	47.52 0.70 0.00	55.80 0.77 0.00	61.04 1.08 0.00	54.16 0.80 0.00	48.12 0.66 0.00	43.93 0.69 0.00	40.02 0.82 0.00	40.78 0.99 0.00
UNION___PROCESSING_DRP 323587	39.48 -1.56 0.00	37.82 -1.62 0.00	36.21 -1.43 0.00	35.99 -1.62 0.00	36.05 -1.46 0.00	38.89 -1.49 0.00	50.46 -2.05 0.00	51.73 -2.04 0.00	46.99 -2.16 0.00	46.35 -1.83 0.00	47.20 -2.07 0.00	45.61 -2.20 0.00	44.37 -2.24 0.00	41.90 -2.25 0.00	41.00 -2.43 0.00	41.07 -2.44 0.00	44.05 -2.76 0.00	51.78 -3.25 0.00	56.42 -3.54 0.00	50.53 -2.83 0.00	45.13 -2.33 0.00	41.25 -1.99 0.00	37.28 -1.92 0.00	37.88 -1.91 0.00
UPPER HUDSON___HYD 24058	44.53 3.49 0.00	42.79 3.35 0.00	40.72 3.09 0.00	40.73 3.12 0.00	40.70 3.19 0.00	42.56 2.18 0.00	55.71 3.20 0.00	56.72 2.96 0.00	52.35 3.19 0.00	51.17 2.99 0.00	52.13 2.86 0.00	50.68 2.87 0.00	49.31 2.70 0.00	46.67 2.52 0.00	45.91 2.47 0.00	46.03 2.52 0.00	49.39 2.57 0.00	57.78 2.75 0.00	63.44 3.48 0.00	56.40 3.04 0.00	50.20 2.75 0.00	47.26 4.02 0.00	42.77 3.57 0.00	43.53 3.74 0.00
UPPER RAQUET___HYD 24056	42.69 1.64 0.00	41.02 1.58 0.00	39.10 1.47 0.00	39.04 1.43 0.00	38.71 1.20 0.00	41.39 1.01 0.00	53.61 1.10 0.00	54.90 1.13 0.00	49.79 0.64 0.00	48.95 0.77 0.00	50.06 0.79 0.00	48.82 1.01 0.00	48.09 1.49 0.00	45.83 1.68 0.00	45.00 1.56 0.00	45.07 1.56 0.00	48.13 1.31 0.00	56.18 1.16 0.00	60.56 0.60 0.00	53.84 0.48 0.00	48.02 0.57 0.00	44.05 0.82 0.00	39.94 0.74 0.00	40.63 0.84 0.00
VALLEY44_115KV_TB2 355964	40.51 -0.53 0.00	38.77 -0.67 0.00	37.07 -0.56 0.00	36.82 -0.79 0.00	36.84 -0.68 0.00	39.66 -0.73 0.00	51.61 -0.89 0.00	52.80 -0.97 0.00	47.63 -1.52 0.00	46.79 -1.40 0.00	47.55 -1.72 0.00	45.85 -1.96 0.00	44.51 -2.10 0.00	41.95 -2.21 0.00	40.96 -2.48 0.00	41.16 -2.35 0.00	44.15 -2.67 0.00	52.00 -3.03 0.00	56.72 -3.24 0.00	50.96 -2.40 0.00	45.70 -1.76 0.00	41.85 -1.38 0.00	37.71 -1.49 0.00	38.36 -1.43 0.00
VALLEY___115KV_TB 1-4 80826	41.29 0.25 0.00	39.52 0.08 0.00	37.56 -0.08 0.00	37.46 -0.15 0.00	37.29 -0.23 0.00	40.10 -0.28 0.00	52.19 -0.32 0.00	53.55 -0.22 0.00	49.11 -0.05 0.00	48.33 0.14 0.00	49.52 0.25 0.00	48.05 0.24 0.00	46.79 0.19 0.00	44.24 0.09 0.00	43.39 -0.04 0.00	43.34 -0.17 0.00	46.49 -0.33 0.00	54.58 -0.44 0.00	59.54 -0.42 0.00	52.93 -0.43 0.00	47.12 -0.33 0.00	42.98 -0.26 0.00	39.00 -0.20 0.00	39.59 -0.20 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.34 2.30 0.00	41.53 2.09 0.00	39.55 1.92 0.00	39.64 2.03 0.00	39.50 1.99 0.00	42.57 2.18 0.00	55.55 3.05 0.00	56.99 3.23 0.00	52.01 2.85 0.00	51.13 2.94 0.00	52.23 2.96 0.00	50.68 2.87 0.00	49.35 2.75 0.00	46.67 2.52 0.00	45.87 2.43 0.00	45.90 2.39 0.00	49.39 2.57 0.00	58.11 3.08 0.00	63.50 3.54 0.00	56.51 3.15 0.00	50.30 2.85 0.00	45.83 2.59 0.00	41.39 2.20 0.00	41.98 2.19 0.00
VISCHER___FERRY HYD 24020	42.48 1.44 0.00	40.86 1.42 0.00	38.95 1.32 0.00	38.92 1.32 0.00	38.94 1.43 0.00	41.84 1.45 0.00	54.50 1.99 0.00	55.65 1.88 0.00	51.12 1.97 0.00	49.87 1.69 0.00	51.00 1.72 0.00	49.53 1.72 0.00	48.23 1.63 0.00	45.70 1.54 0.00	45.04 1.61 0.00	45.16 1.65 0.00	48.64 1.82 0.00	57.12 2.09 0.00	62.48 2.52 0.00	55.55 2.19 0.00	49.35 1.90 0.00	45.18 1.95 0.00	41.00 1.80 0.00	41.62 1.83 0.00
V_A_10_SYNC_DSASP 323832	38.46 -2.58 0.00	36.88 -2.56 0.00	35.23 -2.41 0.00	35.50 -2.11 0.00	35.26 -2.25 0.00	37.92 -2.46 0.00	49.09 -3.41 0.00	50.17 -3.60 0.00	45.47 -3.69 0.00	44.96 -3.23 0.00	45.82 -3.45 0.00	43.98 -3.83 0.00	42.78 -3.82 0.00	40.36 -3.80 0.00	39.44 -4.00 0.00	39.59 -3.92 0.00	42.37 -4.45 0.00	50.13 -4.90 0.00	55.05 -4.92 0.00	48.50 -4.86 0.00	43.47 -3.99 0.00	39.95 -3.29 0.00	36.10 -3.10 0.00	36.80 -2.98 0.00
V_CMM_10_SYNC_DSASP 323787	41.94 0.90 0.00	40.35 0.91 0.00	38.46 0.83 0.00	38.40 0.79 0.00	38.26 0.75 0.00	41.11 0.73 0.00	53.40 0.89 0.00	54.63 0.86 0.00	49.70 0.54 0.00	48.81 0.62 0.00	49.91 0.64 0.00	48.53 0.72 0.00	47.44 0.84 0.00	45.04 0.88 0.00	44.26 0.82 0.00	44.34 0.82 0.00	47.56 0.75 0.00	55.80 0.77 0.00	60.44 0.48 0.00	53.78 0.42 0.00	47.83 0.38 0.00	43.58 0.34 0.00	39.48 0.28 0.00	40.15 0.36 0.00
V_CMP_10_SYNC_DSASP 323788	43.55 2.50 0.00	41.97 2.53 0.00	40.12 2.48 0.00	39.98 2.37 0.00	39.73 2.21 0.00	42.69 2.30 0.00	54.81 2.31 0.00	56.03 2.26 0.00	50.73 1.57 0.00	49.87 1.69 0.00	51.10 1.82 0.00	49.77 1.96 0.00	48.89 2.28 0.00	46.49 2.34 0.00	45.60 2.17 0.00	45.73 2.22 0.00	48.93 2.11 0.00	57.23 2.20 0.00	61.28 1.32 0.00	54.10 0.75 0.00	47.93 0.47 0.00	43.54 0.30 0.00	39.24 0.04 0.00	40.42 0.63 0.00
V_D_10_SYNC_DSASP 323841	42.40 1.35 0.00	40.78 1.34 0.00	38.88 1.24 0.00	38.81 1.20 0.00	38.64 1.12 0.00	41.48 1.09 0.00	53.87 1.36 0.00	55.11 1.34 0.00	50.09 0.93 0.00	49.20 1.01 0.00	50.31 1.04 0.00	48.96 1.15 0.00	47.91 1.30 0.00	45.52 1.37 0.00	44.69 1.26 0.00	44.77 1.26 0.00	47.99 1.17 0.00	56.29 1.27 0.00	60.92 0.96 0.00	54.21 0.85 0.00	48.21 0.76 0.00	43.97 0.73 0.00	39.82 0.63 0.00	40.51 0.72 0.00
V_E_10_SYNC_DSASP 323830	44.49 3.45 0.00	42.48 3.04 0.00	40.35 2.71 0.00	40.62 3.01 0.00	40.33 2.81 0.00	43.62 3.23 0.00	57.28 4.78 0.00	58.82 5.05 0.00	53.33 4.18 0.00	52.47 4.29 0.00	53.51 4.24 0.00	51.87 4.06 0.00	50.71 4.10 0.00	47.82 3.66 0.00	46.73 3.30 0.00	46.82 3.31 0.00	50.51 3.70 0.00	59.65 4.62 0.00	65.30 5.33 0.00	58.00 4.64 0.00	51.53 4.08 0.00	46.87 3.63 0.00	42.02 2.82 0.00	42.57 2.78 0.00
V_F_30_NSYNC___DSASP 323816	43.51 2.46 0.00	41.81 2.37 0.00	39.82 2.18 0.00	39.79 2.18 0.00	39.80 2.29 0.00	42.40 2.02 0.00	55.39 2.89 0.00	56.51 2.74 0.00	51.96 2.80 0.00	50.79 2.60 0.00	51.88 2.61 0.00	50.39 2.58 0.00	49.07 2.47 0.00	46.45 2.29 0.00	45.69 2.26 0.00	45.86 2.35 0.00	49.30 2.48 0.00	57.78 2.75 0.00	63.32 3.36 0.00	56.29 2.93 0.00	50.06 2.61 0.00	46.13 2.90 0.00	41.83 2.63 0.00	42.50 2.71 0.00

V_F_30_SYNC_DSASP 323786	41.74 0.70 0.00	40.15 0.71 0.00	38.39 0.75 0.00	38.43 0.83 0.00	38.34 0.83 0.00	41.15 0.77 0.00	53.19 0.68 0.00	54.31 0.54 0.00	49.89 0.74 0.00	48.76 0.58 0.00	49.91 0.64 0.00	48.48 0.67 0.00	47.21 0.61 0.00	44.77 0.62 0.00	44.13 0.69 0.00	44.25 0.74 0.00	47.61 0.80 0.00	55.85 0.83 0.00	61.10 1.14 0.00	54.27 0.91 0.00	48.21 0.76 0.00	43.97 0.73 0.00	40.06 0.86 0.00	40.82 1.03 0.00
V_XM_10_SYNC_DSASP 323789	43.55 2.50 0.00	41.97 2.53 0.00	40.12 2.48 0.00	39.98 2.37 0.00	39.73 2.21 0.00	42.69 2.30 0.00	54.81 2.31 0.00	56.03 2.26 0.00	50.73 1.57 0.00	49.87 1.69 0.00	51.10 1.82 0.00	49.77 1.96 0.00	48.89 2.28 0.00	46.49 2.34 0.00	45.60 2.17 0.00	45.73 2.22 0.00	48.93 2.11 0.00	57.23 2.20 0.00	61.28 1.32 0.00	54.10 0.75 0.00	47.93 0.47 0.00	43.54 0.30 0.00	39.24 0.04 0.00	40.42 0.63 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.27 1.23 0.00	40.70 1.26 0.00	38.76 1.13 0.00	38.77 1.17 0.00	38.68 1.16 0.00	41.68 1.29 0.00	54.24 1.73 0.00	55.65 1.88 0.00	51.07 1.92 0.00	49.97 1.78 0.00	51.05 1.77 0.00	49.58 1.77 0.00	48.19 1.58 0.00	45.70 1.55 0.00	45.13 1.69 0.00	45.25 1.74 0.00	48.78 1.97 0.00	57.45 2.42 0.00	62.78 2.82 0.00	55.71 2.35 0.00	49.59 2.14 0.00	45.09 1.86 0.00	40.96 1.76 0.00	41.50 1.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.48 1.44 0.00	40.90 1.46 0.00	38.95 1.32 0.00	38.96 1.35 0.00	38.86 1.35 0.00	41.88 1.49 0.00	54.60 2.10 0.00	56.13 2.37 0.00	51.52 2.36 0.00	50.50 2.31 0.00	51.64 2.37 0.00	50.15 2.34 0.00	48.70 2.10 0.00	46.18 2.03 0.00	45.65 2.22 0.00	45.69 2.18 0.00	49.25 2.43 0.00	58.00 2.97 0.00	63.38 3.42 0.00	56.19 2.83 0.00	50.06 2.61 0.00	45.44 2.20 0.00	41.20 2.00 0.00	41.78 1.99 0.00
W50THST__13_KV_LOAD 356117	42.60 1.56 0.00	41.02 1.58 0.00	39.07 1.43 0.00	39.07 1.47 0.00	38.98 1.46 0.00	42.04 1.66 0.00	54.76 2.26 0.00	56.35 2.58 0.00	51.76 2.61 0.00	50.74 2.55 0.00	51.84 2.56 0.00	50.39 2.58 0.00	48.93 2.33 0.00	46.40 2.25 0.00	45.82 2.39 0.00	45.90 2.39 0.00	49.49 2.67 0.00	58.22 3.19 0.00	63.62 3.66 0.00	56.45 3.09 0.00	50.25 2.80 0.00	45.57 2.33 0.00	41.32 2.12 0.00	41.90 2.11 0.00
WADING RIVER_IC_1 23522	42.44 1.40 0.00	40.62 1.18 0.00	38.43 0.79 0.00	38.09 0.49 0.00	37.93 0.41 0.00	41.88 1.50 0.00	61.69 3.04 -6.14	57.98 2.53 -1.68	47.43 1.23 2.96	41.97 1.35 7.56	40.79 1.13 9.61	40.49 1.05 8.38	35.51 0.79 11.89	35.08 0.84 9.91	40.48 1.26 4.22	41.06 1.26 3.71	45.34 1.54 3.02	53.50 1.49 3.01	63.93 3.06 -0.91	57.49 2.40 -1.73	47.73 1.71 1.43	47.57 1.30 -3.04	43.99 1.25 -3.54	41.99 1.95 -0.25
WADING RIVER_IC_2 23547	42.44 1.40 0.00	40.62 1.18 0.00	38.43 0.79 0.00	38.09 0.49 0.00	37.93 0.41 0.00	41.88 1.50 0.00	61.69 3.04 -6.14	57.98 2.53 -1.68	47.43 1.23 2.96	41.97 1.35 7.56	40.79 1.13 9.61	40.49 1.05 8.38	35.51 0.79 11.89	35.08 0.84 9.91	40.48 1.26 4.22	41.06 1.26 3.71	45.34 1.54 3.02	53.50 1.49 3.01	63.93 3.06 -0.91	57.49 2.40 -1.73	47.73 1.71 1.43	47.57 1.30 -3.04	43.99 1.25 -3.54	41.99 1.95 -0.25
WADING RIVER_IC_3 23601	42.44 1.40 0.00	40.62 1.18 0.00	38.43 0.79 0.00	38.09 0.49 0.00	37.93 0.41 0.00	41.88 1.50 0.00	61.69 3.04 -6.14	57.98 2.53 -1.68	47.43 1.23 2.96	41.97 1.35 7.56	40.79 1.13 9.61	40.49 1.05 8.38	35.51 0.79 11.89	35.08 0.84 9.91	40.48 1.26 4.22	41.06 1.26 3.71	45.34 1.54 3.02	53.50 1.49 3.01	63.93 3.06 -0.91	57.49 2.40 -1.73	47.73 1.71 1.43	47.57 1.30 -3.04	43.99 1.25 -3.54	41.99 1.95 -0.25
WALDENNY_12_KV_BK2 80841	39.65 -1.40 0.00	37.90 -1.54 0.00	36.28 -1.35 0.00	35.95 -1.65 0.00	36.05 -1.46 0.00	38.77 -1.62 0.00	50.30 -2.21 0.00	51.46 -2.31 0.00	46.50 -2.65 0.00	45.87 -2.31 0.00	46.56 -2.71 0.00	44.89 -2.92 0.00	43.62 -2.98 0.00	41.06 -3.09 0.00	40.09 -3.34 0.00	40.25 -3.26 0.00	43.07 -3.75 0.00	50.35 -4.68 0.00	54.81 -5.16 0.00	49.46 -3.90 0.00	44.46 -2.99 0.00	40.77 -2.46 0.00	36.77 -2.43 0.00	37.52 -2.27 0.00
WALDEN__HYDRO 24148	42.27 1.23 0.00	40.70 1.26 0.00	38.76 1.13 0.00	38.77 1.17 0.00	38.68 1.16 0.00	41.68 1.29 0.00	54.29 1.79 0.00	55.65 1.88 0.00	51.02 1.87 0.00	49.92 1.73 0.00	51.00 1.72 0.00	49.53 1.72 0.00	48.14 1.54 0.00	45.61 1.46 0.00	45.04 1.61 0.00	45.16 1.65 0.00	48.78 1.97 0.00	57.45 2.42 0.00	62.78 2.82 0.00	55.71 2.35 0.00	49.59 2.14 0.00	45.01 1.77 0.00	40.88 1.69 0.00	41.42 1.63 0.00
WARRENSBURG____ 23737	44.53 3.49 0.00	42.79 3.35 0.00	40.72 3.09 0.00	40.73 3.12 0.00	40.70 3.19 0.00	42.56 2.18 0.00	55.71 3.20 0.00	56.72 2.96 0.00	52.35 3.19 0.00	51.17 2.99 0.00	52.13 2.86 0.00	50.68 2.87 0.00	49.31 2.70 0.00	46.67 2.52 0.00	45.91 2.47 0.00	46.03 2.52 0.00	49.39 2.57 0.00	57.78 2.75 0.00	63.44 3.48 0.00	56.40 3.04 0.00	50.20 2.75 0.00	47.26 4.02 0.00	42.77 3.57 0.00	43.53 3.74 0.00
WATERSIDE____6 8 9 23538	40.46 1.68 2.26	38.65 1.70 2.49	38.35 1.54 0.83	39.10 1.50 0.01	39.04 1.54 0.01	41.95 1.58 0.01	53.19 2.10 1.42	54.95 2.37 1.18	48.99 2.46 2.62	47.12 2.46 3.53	48.01 2.41 3.68	46.52 2.44 3.72	47.26 2.24 1.58	44.37 2.16 1.94	43.76 2.35 2.02	43.80 2.31 2.01	47.89 2.57 1.50	57.48 3.03 0.57	63.25 3.30 0.01	56.23 2.88 0.01	50.10 2.66 0.01	43.35 2.29 2.18	38.86 2.23 2.58	39.45 2.23 2.57
WATKINRD_115KV_LN8_ILLION 55919	41.25 0.21 0.00	39.52 0.08 0.00	37.64 0.00 0.00	37.57 -0.04 0.00	37.40 -0.11 0.00	40.26 -0.12 0.00	52.40 -0.11 0.00	53.71 -0.05 0.00	49.21 0.05 0.00	48.33 0.14 0.00	49.47 0.20 0.00	48.05 0.24 0.00	46.79 0.19 0.00	44.29 0.13 0.00	43.48 0.04 0.00	43.47 -0.04 0.00	46.72 -0.09 0.00	54.86 -0.17 0.00	59.84 -0.12 0.00	53.25 -0.11 0.00	47.36 -0.09 0.00	43.15 -0.09 0.00	39.16 -0.04 0.00	39.75 -0.04 0.00
WATSON____69_KV_BK 1 55734	43.75 2.71 0.00	41.93 2.48 0.00	39.78 2.15 0.00	39.68 2.07 0.00	39.54 2.03 0.00	43.09 2.71 0.00	62.47 3.83 -6.13	59.48 4.03 -1.67	52.70 3.54 0.00	52.49 3.61 -0.69	56.25 3.55 -3.43	51.61 3.39 -0.41	49.59 2.98 0.00	47.16 3.00 0.00	51.98 3.26 -5.28	54.72 3.31 -7.90	56.98 3.70 -6.47	59.43 4.40 0.00	66.02 5.16 -0.90	59.40 4.32 -1.72	56.16 3.89 -4.82	51.07 3.42 -4.42	45.79 3.06 -3.53	43.18 3.14 -0.25
WDELAWARE__HYD 323627	42.27 1.23 0.00	40.66 1.22 0.00	38.73 1.09 0.00	38.70 1.09 0.00	38.64 1.12 0.00	41.64 1.25 0.00	54.34 1.84 0.00	55.70 1.93 0.00	50.98 1.82 0.00	49.92 1.73 0.00	50.80 1.53 0.00	49.44 1.63 0.00	48.00 1.40 0.00	45.48 1.32 0.00	44.91 1.48 0.00	45.03 1.52 0.00	48.74 1.92 0.00	57.39 2.36 0.00	62.60 2.64 0.00	55.76 2.40 0.00	49.59 2.14 0.00	44.88 1.64 0.00	40.77 1.57 0.00	41.34 1.55 0.00

WEST BABYLON___IC 23714	43.63 2.59 0.00	41.89 2.45 0.00	39.74 2.11 0.00	39.64 2.03 0.00	39.50 1.99 0.00	42.97 2.58 0.00	62.26 3.62 -6.13	59.15 3.71 -1.67	52.55 3.39 0.00	52.29 3.42 -0.69	56.10 3.40 -3.43	51.52 3.30 -0.41	49.49 2.89 0.00	47.07 2.91 0.00	51.84 3.13 -5.28	54.68 3.26 -7.90	56.89 3.60 -6.47	59.32 4.29 0.00	65.84 4.98 -0.90	59.29 4.22 -1.72	56.07 3.80 -4.82	50.98 3.33 -4.42	45.79 3.06 -3.53	43.10 3.06 -0.25
WEST CANADA___HYD 24049	41.12 0.08 0.00	39.52 0.08 0.00	37.67 0.04 0.00	37.64 0.04 0.00	37.55 0.04 0.00	40.43 0.04 0.00	52.61 0.11 0.00	53.88 0.11 0.00	49.25 0.10 0.00	48.28 0.10 0.00	49.42 0.15 0.00	47.95 0.14 0.00	46.70 0.09 0.00	44.24 0.09 0.00	43.56 0.13 0.00	43.60 0.09 0.00	46.91 0.09 0.00	55.14 0.11 0.00	60.14 0.18 0.00	53.52 0.16 0.00	47.59 0.14 0.00	43.36 0.13 0.00	39.32 0.12 0.00	39.91 0.12 0.00
WESTERN_NY_WIND 24143	39.77 -1.27 0.00	38.06 -1.38 0.00	36.47 -1.17 0.00	36.14 -1.47 0.00	36.20 -1.31 0.00	39.13 -1.25 0.00	50.77 -1.73 0.00	52.05 -1.72 0.00	47.04 -2.11 0.00	46.50 -1.69 0.00	47.15 -2.12 0.00	45.47 -2.34 0.00	44.18 -2.42 0.00	41.64 -2.52 0.00	40.65 -2.78 0.00	40.77 -2.74 0.00	43.68 -3.14 0.00	51.28 -3.74 0.00	55.89 -4.08 0.00	50.26 -3.09 0.00	44.98 -2.47 0.00	41.16 -2.08 0.00	37.20 -2.00 0.00	37.84 -1.95 0.00
WESTOVER___LESR 323668	40.96 -0.08 0.00	39.32 -0.12 0.00	37.52 -0.11 0.00	37.46 -0.15 0.00	37.40 -0.11 0.00	40.34 -0.04 0.00	52.50 0.00 0.00	53.77 0.00 0.00	49.06 -0.10 0.00	48.09 -0.10 0.00	49.08 -0.20 0.00	47.48 -0.33 0.00	46.23 -0.37 0.00	43.71 -0.44 0.00	42.91 -0.52 0.00	43.03 -0.48 0.00	46.30 -0.51 0.00	54.53 -0.50 0.00	59.48 -0.48 0.00	53.09 -0.27 0.00	47.31 -0.14 0.00	43.11 -0.13 0.00	38.96 -0.24 0.00	39.55 -0.24 0.00
WETHRSFD_WT_PWR 323626	39.65 -1.40 0.00	37.98 -1.46 0.00	36.24 -1.39 0.00	36.44 -1.17 0.00	36.13 -1.39 0.00	38.89 -1.49 0.00	50.46 -2.05 0.00	51.62 -2.15 0.00	46.75 -2.41 0.00	46.07 -2.12 0.00	46.91 -2.36 0.00	44.94 -2.87 0.00	43.62 -2.98 0.00	41.02 -3.13 0.00	40.00 -3.43 0.00	40.16 -3.35 0.00	43.07 -3.75 0.00	51.06 -3.96 0.00	56.12 -3.84 0.00	49.68 -3.68 0.00	44.51 -2.94 0.00	40.81 -2.42 0.00	36.81 -2.39 0.00	37.44 -2.35 0.00
WHAVSTOR_138KV_BK127 55557	42.15 1.11 0.00	40.54 1.10 0.00	38.65 1.02 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.56 1.17 0.00	53.97 1.47 0.00	55.44 1.67 0.00	50.83 1.67 0.00	49.78 1.59 0.00	50.85 1.58 0.00	49.39 1.58 0.00	48.00 1.40 0.00	45.57 1.41 0.00	45.00 1.56 0.00	45.08 1.57 0.00	48.60 1.78 0.00	57.23 2.20 0.00	62.48 2.52 0.00	55.49 2.13 0.00	49.40 1.95 0.00	44.92 1.69 0.00	40.85 1.65 0.00	41.38 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.15 1.11 0.00	40.54 1.10 0.00	38.65 1.02 0.00	38.66 1.05 0.00	38.56 1.05 0.00	41.56 1.17 0.00	53.97 1.47 0.00	55.44 1.67 0.00	50.83 1.67 0.00	49.78 1.59 0.00	50.85 1.58 0.00	49.39 1.58 0.00	48.00 1.40 0.00	45.57 1.41 0.00	45.00 1.56 0.00	45.08 1.57 0.00	48.60 1.78 0.00	57.23 2.20 0.00	62.48 2.52 0.00	55.49 2.13 0.00	49.40 1.95 0.00	44.92 1.69 0.00	40.85 1.65 0.00	41.38 1.59 0.00
WHITEHAL_115KV_TB1 80871	44.00 2.96 0.00	42.28 2.84 0.00	40.23 2.60 0.00	40.28 2.67 0.00	40.25 2.74 0.00	43.53 3.15 0.00	57.07 4.57 0.00	58.12 4.36 0.00	53.63 4.47 0.00	52.38 4.19 0.00	53.41 4.14 0.00	51.87 4.06 0.00	50.43 3.82 0.00	47.73 3.58 0.00	46.95 3.52 0.00	47.12 3.61 0.00	50.56 3.75 0.00	59.21 4.18 0.00	65.12 5.16 0.00	57.79 4.43 0.00	51.29 3.84 0.00	46.78 3.55 0.00	43.51 4.31 0.00	44.28 4.50 0.00
WHITEPLN_13_KV_LOAD 356215	42.81 1.76 0.00	41.18 1.74 0.00	39.22 1.58 0.00	39.22 1.62 0.00	39.13 1.61 0.00	42.12 1.74 0.00	54.97 2.47 0.00	56.51 2.74 0.00	51.86 2.70 0.00	50.84 2.65 0.00	51.98 2.71 0.00	50.54 2.73 0.00	49.03 2.42 0.00	46.45 2.30 0.00	45.87 2.43 0.00	45.95 2.44 0.00	49.63 2.81 0.00	58.38 3.36 0.00	63.86 3.90 0.00	56.67 3.31 0.00	50.39 2.94 0.00	45.70 2.46 0.00	41.43 2.23 0.00	42.02 2.23 0.00
WM_FLOYD_69_KV_BK2 356380	42.68 1.64 0.00	40.86 1.42 0.00	38.65 1.02 0.00	38.43 0.83 0.00	38.23 0.71 0.00	42.08 1.70 0.00	61.74 3.10 -6.13	58.24 2.80 -1.67	47.07 1.72 3.80	40.04 1.78 9.92	37.61 1.68 13.34	38.40 1.48 10.89	32.45 1.12 15.27	32.71 1.28 12.73	38.15 1.65 6.93	38.18 1.70 7.03	43.00 1.92 5.73	53.46 2.31 3.87	64.46 3.60 -0.90	57.75 2.67 -1.72	46.27 2.04 3.22	47.60 1.73 -2.64	44.42 1.69 -3.53	42.14 2.11 -0.25
WOODARD___115KV_TB2 355635	40.22 -0.82 0.00	38.61 -0.83 0.00	36.88 -0.75 0.00	36.82 -0.79 0.00	36.76 -0.75 0.00	39.62 -0.77 0.00	51.61 -0.89 0.00	52.91 -0.86 0.00	48.42 -0.74 0.00	47.46 -0.72 0.00	48.53 -0.74 0.00	47.00 -0.81 0.00	45.81 -0.79 0.00	43.36 -0.79 0.00	42.57 -0.87 0.00	42.64 -0.87 0.00	45.88 -0.94 0.00	53.98 -1.05 0.00	58.88 -1.08 0.00	52.50 -0.85 0.00	46.69 -0.76 0.00	42.54 -0.69 0.00	38.49 -0.71 0.00	39.03 -0.76 0.00
YORK___WARBASSE 23770	58.60 1.89 -15.67	58.61 1.89 -17.27	45.16 1.73 -5.80	39.36 1.69 -0.06	39.29 1.73 -0.06	42.30 1.86 -0.06	64.67 2.36 -9.81	64.64 2.69 -8.18	70.11 2.80 -18.16	75.38 2.79 -24.40	77.49 2.76 -25.46	76.36 2.77 -25.78	60.13 2.56 -10.96	60.11 2.52 -13.44	60.07 2.65 -13.99	60.10 2.65 -13.94	60.17 2.95 -10.41	62.45 3.47 -3.95	263.68 3.78 -199.94	200.76 3.31 -144.09	192.91 3.04 -142.42	61.01 2.68 -15.10	59.64 2.55 -17.89	60.16 2.55 -17.82