

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/05/2025

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	40.13	39.19	37.64	37.21	37.43	39.12	47.10	50.04	50.80	50.91	50.99	49.23	46.85	46.05	44.90	45.97	48.24	55.24	59.28	52.79	47.66	42.05	39.97	39.19
24138	1.73	1.40	1.41	1.43	1.51	1.43	2.28	2.79	2.97	3.11	2.98	3.05	2.98	2.89	2.82	3.13	3.28	3.81	3.98	3.50	3.12	2.46	2.15	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	40.24	39.30	37.75	37.28	37.53	39.20	47.19	50.13	50.89	50.95	51.04	49.28	46.89	46.18	44.99	46.01	48.29	55.29	59.34	52.89	47.75	42.13	40.09	39.30
24260	1.84	1.51	1.52	1.50	1.62	1.51	2.38	2.88	3.06	3.15	3.02	3.09	3.03	3.02	2.90	3.17	3.33	3.86	4.04	3.60	3.21	2.53	2.27	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.24	39.30	37.75	37.28	37.53	39.20	47.19	50.13	50.89	50.95	51.04	49.28	46.89	46.18	44.99	46.01	48.29	55.29	59.34	52.89	47.75	42.13	40.09	39.30
24261	1.84	1.51	1.52	1.50	1.62	1.51	2.38	2.88	3.06	3.15	3.02	3.09	3.03	3.02	2.90	3.17	3.33	3.86	4.04	3.60	3.21	2.53	2.27	2.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.47	40.73	39.09	38.57	38.90	40.78	49.12	51.74	52.62	52.44	52.53	50.43	47.90	47.17	45.87	46.79	49.28	56.47	60.66	53.98	48.78	43.20	41.03	40.27
24011	3.07	2.95	2.86	2.79	2.98	3.09	4.30	4.49	4.78	4.64	4.51	4.25	4.04	4.01	3.79	3.94	4.32	5.04	5.36	4.68	4.23	3.60	3.21	3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	41.70	41.00	39.31	38.82	39.19	41.04	49.48	52.17	53.05	52.86	52.96	50.84	48.25	47.52	46.16	47.13	49.64	56.88	61.11	54.42	49.18	43.52	41.29	40.53
23798	3.30	3.21	3.08	3.04	3.27	3.35	4.66	4.91	5.21	5.06	4.95	4.66	4.39	4.36	4.08	4.28	4.68	5.45	5.81	5.13	4.63	3.92	3.48	3.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.47	40.73	39.09	38.57	38.90	40.78	49.12	51.74	52.62	52.44	52.53	50.43	47.90	47.17	45.87	46.79	49.28	56.47	60.66	53.98	48.78	43.20	41.03	40.27
24028	3.07	2.95	2.86	2.79	2.98	3.09	4.30	4.49	4.78	4.64	4.51	4.25	4.04	4.01	3.79	3.94	4.32	5.04	5.36	4.68	4.23	3.60	3.21	3.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	40.24	39.45	37.86	37.39	37.61	39.42	47.46	49.99	50.65	50.62	50.60	48.72	46.32	45.58	44.48	45.28	47.57	54.52	58.51	52.05	47.04	41.77	39.74	39.12
23527	1.84	1.66	1.63	1.61	1.69	1.73	2.64	2.74	2.82	2.82	2.59	2.54	2.45	2.42	2.40	2.44	2.61	3.09	3.21	2.76	2.49	2.18	1.93	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.71	39.00	37.43	36.96	37.14	38.86	46.56	49.09	49.75	49.71	49.89	47.98	45.62	44.93	43.77	44.64	46.89	53.69	57.62	51.31	46.37	41.18	39.22	38.56
24190	1.31	1.21	1.20	1.18	1.22	1.17	1.75	1.84	1.91	1.91	1.87	1.80	1.75	1.77	1.68	1.80	1.93	2.26	2.32	2.02	1.83	1.58	1.40	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	38.75	38.13	36.56	36.07	36.13	38.06	45.04	47.49	47.88	47.94	48.16	46.27	43.95	43.16	42.04	42.72	44.74	51.07	54.80	48.90	44.23	39.28	37.40	36.81
355683	0.35	0.34	0.33	0.29	0.22	0.38	0.22	0.24	0.05	0.14	0.14	0.09	0.09	0.00	-0.04	-0.13	-0.22	-0.36	-0.50	-0.39	-0.31	-0.32	-0.42	-0.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.98	39.34	37.75	37.25	37.46	39.16	46.83	49.28	49.89	49.76	49.94	47.98	45.57	44.89	43.77	44.68	46.94	53.80	57.85	51.51	46.60	41.33	39.40	38.78
323833	1.58	1.55	1.52	1.47	1.54	1.47	2.02	2.03	2.06	1.96	1.92	1.80	1.71	1.73	1.69	1.84	1.98	2.37	2.55	2.22	2.05	1.74	1.59	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.98	39.34	37.72	37.25	37.46	39.12	46.78	49.28	49.89	49.76	49.94	47.98	45.57	44.89	43.77	44.68	46.94	53.80	57.85	51.51	46.60	41.33	39.40	38.78
323834	1.58	1.55	1.49	1.47	1.54	1.43	1.97	2.03	2.06	1.96	1.92	1.80	1.71	1.73	1.69	1.84	1.98	2.37	2.55	2.22	2.05	1.74	1.59	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	39.71	39.00	37.43	36.96	37.14	38.86	46.56	49.09	49.75	49.71	49.89	47.98	45.62	44.93	43.77	44.64	46.89	53.69	57.62	51.31	46.37	41.18	39.22	38.56
23571	1.31	1.21	1.20	1.18	1.22	1.17	1.75	1.84	1.91	1.91	1.87	1.80	1.75	1.77	1.68	1.80	1.93	2.26	2.32	2.02	1.83	1.58	1.40	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	39.71 1.31 0.00	39.00 1.21 0.00	37.43 1.20 0.00	36.96 1.18 0.00	37.14 1.22 0.00	38.86 1.17 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.75 1.91 0.00	49.71 1.91 0.00	49.89 1.87 0.00	47.98 1.80 0.00	45.62 1.75 0.00	44.93 1.77 0.00	43.77 1.68 0.00	44.64 1.80 0.00	46.89 1.93 0.00	53.69 2.26 0.00	57.62 2.32 0.00	51.31 2.02 0.00	46.37 1.83 0.00	41.18 1.58 0.00	39.22 1.40 0.00	38.56 1.38 0.00
ALBANY___3 23573	39.71 1.31 0.00	39.00 1.21 0.00	37.43 1.20 0.00	36.96 1.18 0.00	37.14 1.22 0.00	38.86 1.17 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.75 1.91 0.00	49.71 1.91 0.00	49.89 1.87 0.00	47.98 1.80 0.00	45.62 1.75 0.00	44.93 1.77 0.00	43.77 1.68 0.00	44.64 1.80 0.00	46.89 1.93 0.00	53.69 2.26 0.00	57.62 2.32 0.00	51.31 2.02 0.00	46.37 1.83 0.00	41.18 1.58 0.00	39.22 1.40 0.00	38.56 1.38 0.00
ALBANY___4 23574	39.71 1.31 0.00	39.00 1.21 0.00	37.43 1.20 0.00	36.96 1.18 0.00	37.14 1.22 0.00	38.86 1.17 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.75 1.91 0.00	49.71 1.91 0.00	49.89 1.87 0.00	47.98 1.80 0.00	45.62 1.75 0.00	44.93 1.77 0.00	43.77 1.68 0.00	44.64 1.80 0.00	46.89 1.93 0.00	53.69 2.26 0.00	57.62 2.32 0.00	51.31 2.02 0.00	46.37 1.83 0.00	41.18 1.58 0.00	39.22 1.40 0.00	38.56 1.38 0.00
ALBANY___LFGE 323615	40.17 1.77 0.00	39.49 1.70 0.00	37.86 1.63 0.00	37.39 1.61 0.00	37.61 1.69 0.00	39.34 1.66 0.00	47.19 2.37 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.43 2.63 0.00	50.65 2.64 0.00	48.72 2.54 0.00	46.32 2.45 0.00	45.62 2.46 0.00	44.48 2.40 0.00	45.33 2.48 0.00	47.61 2.65 0.00	54.46 3.03 0.00	58.45 3.15 0.00	52.05 2.76 0.00	47.04 2.49 0.00	41.69 2.10 0.00	39.71 1.89 0.00	39.01 1.82 0.00
ALCOA_PA_115KV_PL-6C 55860	38.82 0.42 0.00	38.24 0.45 0.00	36.67 0.43 0.00	36.17 0.39 0.00	36.24 0.32 0.00	38.14 0.45 0.00	45.17 0.36 0.00	47.63 0.38 0.00	48.02 0.19 0.00	48.04 0.24 0.00	48.30 0.29 0.00	46.41 0.23 0.00	44.04 0.18 0.00	43.25 0.09 0.00	42.17 0.08 0.00	42.80 -0.04 0.00	44.83 -0.13 0.00	51.17 -0.26 0.00	54.97 -0.33 0.00	49.05 -0.25 0.00	44.37 -0.18 0.00	39.36 -0.24 0.00	37.51 -0.30 0.00	36.92 -0.26 0.00
ALCOA_RYNLDS___DRP 24188	38.82 0.42 0.00	38.24 0.45 0.00	36.67 0.43 0.00	36.17 0.39 0.00	36.24 0.32 0.00	38.14 0.45 0.00	45.17 0.36 0.00	47.63 0.38 0.00	48.02 0.19 0.00	48.04 0.24 0.00	48.30 0.29 0.00	46.41 0.23 0.00	44.04 0.18 0.00	43.25 0.09 0.00	42.17 0.08 0.00	42.80 -0.04 0.00	44.83 -0.13 0.00	51.17 -0.26 0.00	54.97 -0.33 0.00	49.05 -0.25 0.00	44.37 -0.18 0.00	39.36 -0.24 0.00	37.51 -0.30 0.00	36.92 -0.26 0.00
ALCOA___DSASP 323711	38.82 0.42 0.00	38.24 0.46 0.00	36.67 0.44 0.00	36.18 0.39 0.00	36.24 0.32 0.00	38.14 0.45 0.00	45.17 0.36 0.00	47.63 0.38 0.00	48.02 0.19 0.00	48.04 0.24 0.00	48.30 0.29 0.00	46.41 0.23 0.00	44.04 0.18 0.00	43.25 0.09 0.00	42.17 0.08 0.00	42.80 -0.04 0.00	44.83 -0.13 0.00	51.17 -0.26 0.00	54.97 -0.33 0.00	49.05 -0.25 0.00	44.37 -0.18 0.00	39.36 -0.24 0.00	37.51 -0.30 0.00	36.93 -0.26 0.00
ALLEGHENY___COGEN 23514	37.59 -0.81 0.00	37.22 -0.57 0.00	35.54 -0.69 0.00	34.99 -0.79 0.00	35.09 -0.82 0.00	37.43 -0.26 0.00	44.19 -0.63 0.00	46.17 -1.08 0.00	46.26 -1.58 0.00	45.84 -1.96 0.00	45.90 -2.11 0.00	43.83 -2.35 0.00	41.18 -2.68 0.00	40.83 -2.33 0.00	40.11 -1.98 0.00	40.79 -2.06 0.00	42.98 -1.98 0.00	49.58 -1.85 0.00	54.75 -0.55 0.00	49.19 -0.10 0.00	44.59 0.04 0.00	39.91 0.32 0.00	37.93 0.11 0.00	37.37 0.19 0.00
ALTAMONT_115KV_TB 2 55880	39.40 1.00 0.00	38.73 0.94 0.00	37.14 0.91 0.00	36.68 0.89 0.00	36.89 0.97 0.00	38.59 0.90 0.00	46.16 1.34 0.00	48.67 1.42 0.00	49.32 1.48 0.00	49.28 1.48 0.00	49.45 1.44 0.00	47.57 1.39 0.00	45.22 1.36 0.00	44.54 1.38 0.00	43.39 1.30 0.00	44.26 1.41 0.00	46.49 1.53 0.00	53.23 1.80 0.00	57.24 1.94 0.00	50.97 1.68 0.00	46.06 1.51 0.00	40.90 1.31 0.00	38.95 1.13 0.00	38.30 1.12 0.00
ALTONA_WT_PWR 323606	39.63 1.23 0.00	39.00 1.21 0.00	37.36 1.12 0.00	36.85 1.07 0.00	36.85 0.93 0.00	38.86 1.17 0.00	45.94 1.12 0.00	48.43 1.18 0.00	48.64 0.81 0.00	48.61 0.81 0.00	48.73 0.72 0.00	46.60 0.41 0.00	44.13 0.26 0.00	43.07 -0.09 0.00	41.58 -0.50 0.00	41.73 -1.11 0.00	43.34 -1.62 0.00	49.22 -2.21 0.00	52.70 -2.60 0.00	46.98 -2.32 0.00	42.50 -2.05 0.00	37.66 -1.94 0.00	35.77 -2.04 0.00	35.29 -1.90 0.00
AMERICAN_REF_FUEL 24010	35.10 -3.30 0.00	34.80 -2.99 0.00	33.30 -2.93 0.00	32.74 -3.04 0.00	32.72 -3.20 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.67 -4.58 0.00	43.33 -4.50 0.00	42.92 -4.88 0.00	43.45 -4.56 0.00	41.52 -4.66 0.00	39.26 -4.60 0.00	39.23 -3.93 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.43 -4.87 0.00	44.95 -4.34 0.00	40.67 -3.88 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.84 -2.34 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.29 -2.11 0.00	35.97 -1.81 0.00	34.46 -1.77 0.00	33.92 -1.86 0.00	33.87 -2.05 0.00	36.22 -1.47 0.00	42.35 -2.46 0.00	44.51 -2.74 0.00	45.15 -2.68 0.00	43.78 -4.02 0.00	44.27 -3.75 0.00	42.35 -3.83 0.00	39.96 -3.90 0.00	39.88 -3.28 0.00	39.22 -2.86 0.00	39.80 -3.04 0.00	41.81 -3.15 0.00	47.88 -3.55 0.00	52.76 -2.54 0.00	46.93 -2.37 0.00	42.28 -2.27 0.00	37.97 -1.63 0.00	36.00 -1.81 0.00	35.73 -1.45 0.00
ARTHUR KILL_GT_1 23520	56.15 1.96 -15.80	54.70 1.70 -15.21	54.69 1.77 -16.68	54.65 1.75 -17.12	54.69 1.87 -16.90	54.69 1.70 -15.31	56.13 2.37 -8.94	58.68 2.83 -8.59	58.73 3.02 -7.88	59.42 3.06 -8.56	58.73 2.93 -7.78	58.72 3.00 -9.53	58.91 2.94 -12.11	58.90 2.85 -12.89	58.95 2.86 -14.00	59.45 3.13 -13.48	60.43 3.28 -12.19	61.31 3.81 -6.07	64.63 3.87 -5.46	61.25 3.45 -8.50	60.48 3.16 -12.77	59.44 2.54 -17.31	57.41 2.31 -17.29	55.36 2.31 -15.86
ARTHUR_KILL_2 23512	56.04 1.84 -15.80	54.58 1.59 -15.21	54.58 1.67 -16.68	54.58 1.68 -17.12	54.58 1.76 -16.90	54.58 1.58 -15.31	56.04 2.28 -8.94	58.58 2.74 -8.59	58.58 2.87 -7.88	59.32 2.96 -8.56	58.58 2.78 -7.78	58.58 2.86 -9.53	58.82 2.85 -12.11	58.82 2.76 -12.89	58.82 2.73 -14.00	59.32 3.00 -13.48	60.30 3.15 -12.19	61.10 3.60 -6.07	64.46 3.71 -5.46	61.10 3.30 -8.50	60.30 2.98 -12.77	59.32 2.42 -17.31	57.30 2.19 -17.29	55.28 2.23 -15.86
ARTHUR_KILL_3 23513	55.53 1.34 -15.79	54.04 1.06 -15.20	53.99 1.09 -16.67	54.00 1.11 -17.11	54.00 1.18 -16.89	54.08 1.09 -15.30	55.59 1.84 -8.93	58.10 2.27 -8.58	58.14 2.44 -7.87	58.93 2.58 -8.55	58.19 2.40 -7.78	58.20 2.49 -9.53	58.42 2.45 -12.10	58.42 2.37 -12.89	58.43 2.36 -14.00	58.93 2.61 -13.47	59.93 2.79 -12.18	60.68 3.19 -6.06	64.07 3.32 -5.45	60.75 2.96 -8.50	59.98 2.67 -12.76	58.95 2.06 -17.30	56.95 1.85 -17.28	54.75 1.71 -15.86

ARTHUR_KILL_COGEN 323718	56.15 1.96 -15.80	54.70 1.70 -15.21	54.69 1.77 -16.68	54.65 1.75 -17.12	54.69 1.87 -16.90	54.69 1.70 -15.31	56.13 2.37 -8.94	58.68 2.83 -8.59	58.73 3.02 -7.88	59.42 3.06 -8.56	58.73 2.93 -7.78	58.72 3.00 -9.53	58.91 2.94 -12.11	58.90 2.85 -12.89	58.95 2.86 -14.00	59.45 3.13 -13.48	60.43 3.28 -12.19	61.31 3.81 -6.07	64.63 3.87 -5.46	61.25 3.45 -8.50	60.48 3.16 -12.77	59.44 2.54 -17.31	57.41 2.31 -17.29	55.36 2.31 -15.86
ASHOKAN____ 23654	40.78 2.38 0.00	40.05 2.27 0.00	38.30 2.06 0.00	37.71 1.93 0.00	38.04 2.12 0.00	39.53 1.85 0.00	47.59 2.78 0.00	49.85 2.60 0.00	50.08 2.25 0.00	49.76 1.96 0.00	49.84 1.82 0.00	47.94 1.75 0.00	45.44 1.58 0.00	44.76 1.60 0.00	43.64 1.56 0.00	44.73 1.88 0.00	46.99 2.03 0.00	54.26 2.83 0.00	58.28 2.98 0.00	51.95 2.66 0.00	46.91 2.36 0.00	41.53 1.94 0.00	39.59 1.78 0.00	39.08 1.90 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.94 1.54 0.00	38.92 1.13 0.00	37.61 1.38 0.00	37.18 1.39 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.55 1.75 0.01	49.51 2.27 0.01	50.31 2.49 0.01	50.42 2.63 0.01	50.50 2.50 0.01	48.76 2.58 0.01	46.44 2.59 0.01	45.65 2.50 0.01	44.56 2.48 0.01	45.58 2.74 0.01	47.83 2.88 0.01	54.72 3.29 0.01	58.67 3.37 0.01	52.30 3.01 0.00	47.26 2.72 0.01	41.68 2.10 0.01	39.75 1.93 -0.01	39.01 1.82 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	39.94 1.54 0.00	38.92 1.13 0.00	37.61 1.38 0.00	37.18 1.39 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.55 1.75 0.01	49.51 2.27 0.01	50.31 2.49 0.01	50.42 2.63 0.01	50.50 2.50 0.01	48.76 2.58 0.01	46.44 2.59 0.01	45.65 2.50 0.01	44.56 2.48 0.01	45.58 2.74 0.01	47.83 2.88 0.01	54.72 3.29 0.01	58.67 3.37 0.01	52.30 3.01 0.00	47.26 2.72 0.01	41.68 2.10 0.01	39.75 1.93 -0.01	39.01 1.82 -0.01
ASTORIA_GT2_1 24094	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT2_2 24095	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT2_3 24096	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT2_4 24097	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT3_1 24098	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT3_2 24099	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT3_3 24100	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT3_4 24101	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT4_1 24102	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT4_2 24103	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT4_3 24104	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01

ASTORIA_GT4_4 24105	39.98 1.57 0.00	38.96 1.17 0.00	37.68 1.45 0.00	37.18 1.40 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.61 1.79 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.43 2.63 0.00	50.51 2.50 0.00	48.77 2.59 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.59 2.74 0.00	47.88 2.92 0.00	54.72 3.29 0.00	58.73 3.43 0.00	52.35 3.06 0.00	47.31 2.76 0.00	41.69 2.10 0.00	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA_GT_1 23523	40.05 1.65 0.00	39.00 1.21 0.00	37.68 1.45 0.00	37.26 1.47 -0.01	37.50 1.58 -0.01	38.89 1.21 0.00	46.64 1.84 0.01	49.65 2.41 0.01	50.41 2.58 0.01	50.52 2.72 0.01	50.60 2.59 0.01	48.85 2.68 0.01	46.53 2.68 0.01	45.74 2.59 0.01	44.64 2.57 0.01	45.66 2.83 0.01	47.97 3.01 0.01	54.82 3.39 0.01	58.83 3.54 0.01	52.45 3.16 0.00	47.39 2.85 0.01	41.76 2.18 0.01	39.83 2.00 -0.01	39.09 1.90 -0.01
ASTORIA_GT_10 24110	40.21 1.80 0.00	39.26 1.47 0.00	37.79 1.56 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.94 2.69 0.00	50.70 2.87 0.00	50.81 3.01 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.90 2.82 0.00	45.93 3.08 0.00	48.20 3.24 0.00	55.13 3.70 0.00	59.17 3.87 0.00	52.69 3.40 0.00	47.62 3.07 0.00	42.01 2.42 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
ASTORIA_GT_11 24225	40.21 1.80 0.00	39.26 1.47 0.00	37.79 1.56 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.94 2.69 0.00	50.70 2.87 0.00	50.81 3.01 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.90 2.82 0.00	45.93 3.08 0.00	48.20 3.24 0.00	55.13 3.70 0.00	59.17 3.87 0.00	52.69 3.40 0.00	47.62 3.07 0.00	42.01 2.42 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
ASTORIA_GT_12 24226	40.21 1.80 0.00	39.26 1.47 0.00	37.79 1.56 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.94 2.69 0.00	50.70 2.87 0.00	50.81 3.01 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.90 2.82 0.00	45.93 3.08 0.00	48.20 3.24 0.00	55.13 3.70 0.00	59.17 3.87 0.00	52.69 3.40 0.00	47.62 3.07 0.00	42.01 2.42 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
ASTORIA_GT_13 24227	40.21 1.80 0.00	39.26 1.47 0.00	37.79 1.56 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.94 2.69 0.00	50.70 2.87 0.00	50.81 3.01 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.90 2.82 0.00	45.93 3.08 0.00	48.20 3.24 0.00	55.13 3.70 0.00	59.17 3.87 0.00	52.69 3.40 0.00	47.62 3.07 0.00	42.01 2.42 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
ASTORIA_GT_5 24106	40.05 1.65 0.00	39.00 1.21 0.00	37.72 1.49 0.00	37.26 1.47 -0.01	37.51 1.58 -0.01	38.89 1.21 0.00	46.65 1.84 0.00	49.66 2.41 0.00	50.42 2.58 0.00	50.52 2.72 0.00	50.61 2.59 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.88 2.72 0.00	44.65 2.57 0.00	45.67 2.83 0.00	47.97 3.01 0.00	54.82 3.39 0.00	58.84 3.54 0.00	52.45 3.15 0.00	47.40 2.85 0.00	41.77 2.18 0.00	39.83 2.00 -0.01	39.05 1.86 -0.01
ASTORIA_GT_7 24107	40.05 1.65 0.00	39.00 1.21 0.00	37.72 1.49 0.00	37.26 1.47 -0.01	37.51 1.58 -0.01	38.89 1.21 0.00	46.65 1.84 0.00	49.66 2.41 0.00	50.42 2.58 0.00	50.52 2.72 0.00	50.61 2.59 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.88 2.72 0.00	44.65 2.57 0.00	45.67 2.83 0.00	47.97 3.01 0.00	54.82 3.39 0.00	58.84 3.54 0.00	52.45 3.15 0.00	47.40 2.85 0.00	41.77 2.18 0.00	39.83 2.00 -0.01	39.05 1.86 -0.01
ASTORIA_GT_8 24108	40.05 1.65 0.00	39.00 1.21 0.00	37.72 1.49 0.00	37.26 1.47 -0.01	37.51 1.58 -0.01	38.89 1.21 0.00	46.65 1.84 0.00	49.66 2.41 0.00	50.42 2.58 0.00	50.52 2.72 0.00	50.61 2.59 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.88 2.72 0.00	44.65 2.57 0.00	45.67 2.83 0.00	47.97 3.01 0.00	54.82 3.39 0.00	58.84 3.54 0.00	52.45 3.15 0.00	47.40 2.85 0.00	41.77 2.18 0.00	39.83 2.00 -0.01	39.05 1.86 -0.01
ASTORIA___2 24149	39.98 1.58 0.00	38.96 1.17 0.00	37.61 1.38 0.00	37.18 1.39 -0.01	37.43 1.51 -0.01	38.82 1.13 0.00	46.60 1.79 0.01	49.56 2.31 0.01	50.31 2.49 0.01	50.42 2.63 0.01	50.50 2.50 0.01	48.76 2.58 0.01	46.44 2.59 0.01	45.65 2.50 0.01	44.56 2.48 0.01	45.62 2.78 0.01	47.87 2.92 0.01	54.72 3.29 0.01	58.72 3.43 0.01	52.35 3.06 0.00	47.30 2.76 0.01	41.68 2.10 0.01	39.79 1.97 -0.01	39.01 1.82 -0.01
ASTORIA___3 23516	40.21 1.81 0.00	39.26 1.47 0.00	37.76 1.52 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.94 2.69 0.00	50.70 2.87 0.00	50.81 3.01 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.01 2.85 0.00	44.90 2.82 0.00	45.93 3.09 0.00	48.20 3.24 0.00	55.13 3.71 0.00	59.11 3.81 0.00	52.69 3.40 0.00	47.62 3.07 0.00	42.01 2.42 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
ASTORIA___4 23517	40.21 1.80 0.00	39.26 1.47 0.00	37.79 1.56 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.94 2.69 0.00	50.70 2.87 0.00	50.81 3.01 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.90 2.82 0.00	45.93 3.08 0.00	48.20 3.24 0.00	55.13 3.70 0.00	59.17 3.87 0.00	52.69 3.40 0.00	47.62 3.07 0.00	42.01 2.42 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
ASTORIA___5 23518	40.21 1.81 0.00	39.26 1.47 0.00	37.76 1.52 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.94 2.69 0.00	50.70 2.87 0.00	50.81 3.01 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.01 2.85 0.00	44.90 2.82 0.00	45.93 3.09 0.00	48.20 3.24 0.00	55.13 3.71 0.00	59.11 3.81 0.00	52.69 3.40 0.00	47.62 3.07 0.00	42.01 2.42 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
AST_ENERGY_2_CC3 323677	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.89 1.21 0.00	46.78 1.97 0.00	49.71 2.46 0.00	50.41 2.58 0.00	50.52 2.72 0.00	50.60 2.59 0.00	48.81 2.63 0.00	46.49 2.63 0.00	45.71 2.55 0.00	44.56 2.48 0.00	45.63 2.78 0.00	47.88 2.92 0.00	54.82 3.39 0.00	58.84 3.54 0.00	52.45 3.16 0.00	47.35 2.81 0.00	41.81 2.22 0.00	39.86 2.04 0.00	39.12 1.93 0.00
AST_ENERGY_2_CC4 323678	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.89 1.21 0.00	46.78 1.97 0.00	49.71 2.46 0.00	50.41 2.58 0.00	50.52 2.72 0.00	50.60 2.59 0.00	48.81 2.63 0.00	46.49 2.63 0.00	45.71 2.55 0.00	44.56 2.48 0.00	45.63 2.78 0.00	47.88 2.92 0.00	54.82 3.39 0.00	58.84 3.54 0.00	52.45 3.16 0.00	47.35 2.81 0.00	41.81 2.22 0.00	39.86 2.04 0.00	39.12 1.93 0.00

ATHENS_STG_1 23668	39.36 0.96 0.00	38.66 0.87 0.00	37.10 0.87 0.00	36.64 0.86 0.00	36.85 0.93 0.00	38.52 0.83 0.00	46.16 1.34 0.00	48.76 1.51 0.00	49.41 1.58 0.00	49.43 1.63 0.00	49.55 1.54 0.00	47.70 1.52 0.00	45.35 1.49 0.00	44.63 1.47 0.00	43.55 1.47 0.00	44.43 1.59 0.00	46.67 1.71 0.00	53.43 2.00 0.00	57.40 2.10 0.00	51.12 1.82 0.00	46.20 1.65 0.00	41.02 1.42 0.00	39.06 1.25 0.00	38.37 1.19 0.00
ATHENS_STG_2 23670	39.36 0.96 0.00	38.66 0.87 0.00	37.10 0.87 0.00	36.64 0.86 0.00	36.85 0.93 0.00	38.52 0.83 0.00	46.16 1.34 0.00	48.76 1.51 0.00	49.41 1.58 0.00	49.43 1.63 0.00	49.55 1.54 0.00	47.70 1.52 0.00	45.35 1.49 0.00	44.63 1.47 0.00	43.55 1.47 0.00	44.43 1.59 0.00	46.67 1.71 0.00	53.43 2.00 0.00	57.40 2.10 0.00	51.12 1.82 0.00	46.20 1.65 0.00	41.02 1.42 0.00	39.06 1.25 0.00	38.37 1.19 0.00
ATHENS_STG_3 23677	39.36 0.96 0.00	38.66 0.87 0.00	37.10 0.87 0.00	36.64 0.86 0.00	36.85 0.93 0.00	38.52 0.83 0.00	46.16 1.34 0.00	48.76 1.51 0.00	49.41 1.58 0.00	49.43 1.63 0.00	49.55 1.54 0.00	47.70 1.52 0.00	45.35 1.49 0.00	44.63 1.47 0.00	43.55 1.47 0.00	44.43 1.59 0.00	46.67 1.71 0.00	53.43 2.00 0.00	57.40 2.10 0.00	51.12 1.82 0.00	46.20 1.65 0.00	41.02 1.42 0.00	39.06 1.25 0.00	38.37 1.19 0.00
AUBURN___LFGE 323710	37.79 -0.61 0.00	37.26 -0.53 0.00	35.65 -0.58 0.00	35.21 -0.57 0.00	35.34 -0.57 0.00	37.27 -0.41 0.00	44.28 -0.54 0.00	46.64 -0.61 0.00	47.26 -0.57 0.00	47.23 -0.57 0.00	47.48 -0.53 0.00	45.58 -0.60 0.00	43.25 -0.61 0.00	42.51 -0.65 0.00	41.66 -0.42 0.00	42.33 -0.51 0.00	44.47 -0.49 0.00	50.86 -0.57 0.00	54.97 -0.33 0.00	49.00 -0.30 0.00	44.28 -0.27 0.00	39.44 -0.16 0.00	37.70 -0.11 0.00	37.07 -0.11 0.00
BABYLON_RES_REC 323704	40.94 2.53 0.00	39.94 2.15 0.00	38.26 2.03 0.00	37.71 1.93 0.00	38.00 2.08 0.00	39.84 2.15 0.00	56.96 3.27 -8.87	61.41 3.64 -10.52	61.42 3.78 -9.81	53.62 3.83 -2.00	51.37 3.36 0.00	49.79 3.60 0.00	50.53 3.51 -3.16	50.49 3.45 -3.87	51.54 3.37 -6.09	51.76 3.64 -5.28	51.90 3.87 -3.07	59.47 4.53 -3.51	66.40 4.87 -6.23	53.48 4.19 0.00	48.42 3.87 0.00	42.68 3.09 0.00	40.39 2.57 0.00	40.01 2.82 0.00
BABYLON__69_KV_BK2 356345	41.36 2.96 0.00	40.39 2.61 0.00	38.66 2.43 0.00	38.11 2.33 0.00	38.40 2.48 0.00	40.29 2.60 0.00	57.50 3.81 -8.87	62.07 4.30 -10.52	62.09 4.45 -9.81	54.15 4.35 -2.00	51.90 3.89 0.00	50.29 4.11 0.00	51.02 3.99 -3.16	51.00 3.97 -3.87	52.04 3.87 -6.09	52.28 4.16 -5.28	52.44 4.41 -3.07	60.24 5.30 -3.51	67.28 5.75 -6.23	54.12 4.83 0.00	48.96 4.41 0.00	43.12 3.52 0.00	40.73 2.91 0.00	40.42 3.24 0.00
BALL_HILL_WT_PWR 323825	36.48 -1.92 0.00	36.16 -1.62 0.00	34.60 -1.63 0.00	34.06 -1.72 0.00	34.01 -1.90 0.00	36.33 -1.36 0.00	42.44 -2.38 0.00	44.56 -2.69 0.00	45.20 -2.63 0.00	44.55 -3.25 0.00	45.04 -2.98 0.00	43.09 -3.09 0.00	40.70 -3.16 0.00	40.61 -2.55 0.00	39.81 -2.27 0.00	40.23 -2.61 0.00	42.22 -2.74 0.00	48.14 -3.29 0.00	52.81 -2.49 0.00	47.03 -2.27 0.00	42.41 -2.14 0.00	38.21 -1.39 0.00	36.34 -1.48 0.00	36.10 -1.08 0.00
BARON_WINDS___WT_PWR 323822	36.37 -2.04 0.00	36.01 -1.78 0.00	34.42 -1.81 0.00	33.92 -1.86 0.00	33.98 -1.94 0.00	35.92 -1.77 0.00	42.35 -2.46 0.00	44.28 -2.98 0.00	44.91 -2.92 0.00	44.64 -3.16 0.00	44.94 -3.07 0.00	43.00 -3.19 0.00	40.62 -3.25 0.00	40.27 -2.89 0.00	39.47 -2.61 0.00	40.23 -2.61 0.00	42.26 -2.70 0.00	48.35 -3.08 0.00	52.92 -2.38 0.00	47.32 -1.97 0.00	42.76 -1.78 0.00	38.25 -1.35 0.00	36.57 -1.25 0.00	36.26 -0.93 0.00
BARRETT_IC_1 23704	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT_IC_10 23701	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT_IC_11 23702	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT_IC_12 23703	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT_IC_2 23705	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT_IC_3 23706	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT_IC_4 23707	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00

BARRETT_IC_5 23708	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT_IC_6 23709	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT_IC_7 23710	40.44 2.04 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.36 1.57 0.00	37.61 1.69 0.00	39.38 1.70 0.00	56.29 2.60 -8.87	60.74 2.98 -10.52	60.75 3.11 -9.81	53.10 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.14 3.11 -3.16	50.10 3.06 -3.87	51.11 2.95 -6.09	51.38 3.26 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.45 2.27 0.00
BARRETT_IC_8 23711	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT_IC_9 23700	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT___1 23545	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BARRETT___2 23546	40.44 2.03 0.00	39.53 1.74 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.39 1.70 0.00	56.29 2.60 -8.87	60.75 2.98 -10.52	60.75 3.11 -9.81	53.09 3.30 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.09 3.07 -3.16	50.05 3.02 -3.87	51.11 2.94 -6.09	51.37 3.25 -5.28	51.45 3.42 -3.07	58.75 3.81 -3.51	65.51 3.98 -6.23	52.89 3.60 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.05 2.23 0.00	39.49 2.31 0.00
BATAVIA___115KV_TB1 55881	36.79 -1.61 0.00	36.43 -1.36 0.00	34.82 -1.41 0.00	34.24 -1.54 0.00	34.30 -1.62 0.00	36.71 -0.98 0.00	43.02 -1.79 0.00	45.27 -1.98 0.00	45.73 -2.10 0.00	45.36 -2.44 0.00	45.85 -2.16 0.00	43.78 -2.40 0.00	41.41 -2.46 0.00	40.87 -2.29 0.00	40.40 -1.68 0.00	40.79 -2.06 0.00	42.80 -2.16 0.00	48.70 -2.73 0.00	53.53 -1.77 0.00	47.67 -1.63 0.00	43.12 -1.43 0.00	38.84 -0.75 0.00	36.91 -0.91 0.00	36.44 -0.74 0.00
BAYONEEC___CTG1 323682	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00
BAYONEEC___CTG10 323750	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00
BAYONEEC___CTG2 323683	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00
BAYONEEC___CTG3 323684	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00
BAYONEEC___CTG4 323685	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00
BAYONEEC___CTG5 323686	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00
BAYONEEC___CTG6 323687	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00

BAYONEEC___CTG7 323688	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00
BAYONEEC___CTG8 323689	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00
BAYONEEC___CTG9 323749	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.75 2.50 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.71 2.55 0.00	44.61 2.52 0.00	45.67 2.83 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.40 2.85 0.00	41.81 2.22 0.00	39.82 2.00 0.00	39.04 1.86 0.00
BEACON___LESR 323632	40.17 1.77 0.00	39.49 1.70 0.00	37.86 1.63 0.00	37.35 1.57 0.00	37.61 1.69 0.00	39.34 1.66 0.00	47.19 2.37 0.00	49.71 2.46 0.00	50.41 2.58 0.00	50.33 2.53 0.00	50.51 2.50 0.00	48.54 2.35 0.00	46.14 2.28 0.00	45.40 2.24 0.00	44.27 2.19 0.00	45.20 2.35 0.00	47.48 2.52 0.00	54.41 2.98 0.00	58.40 3.09 0.00	51.95 2.66 0.00	46.99 2.45 0.00	41.69 2.10 0.00	39.67 1.85 0.00	38.97 1.78 0.00
BEAVER RIVER___HYD 24048	40.17 1.77 0.00	39.53 1.74 0.00	37.79 1.56 0.00	37.43 1.65 0.00	37.28 1.36 0.00	39.16 1.47 0.00	46.61 1.79 0.00	49.09 1.84 0.00	49.22 1.39 0.00	49.23 1.43 0.00	50.03 2.02 0.00	48.21 2.03 0.00	45.70 1.84 0.00	44.89 1.73 0.00	43.43 1.35 0.00	43.70 0.86 0.00	45.72 0.76 0.00	52.40 0.97 0.00	56.74 1.44 0.00	50.92 1.62 0.00	45.97 1.43 0.00	41.06 1.47 0.00	38.99 1.17 0.00	38.48 1.30 0.00
BEEBEE_GT_13 23619	36.67 -1.73 0.00	36.28 -1.51 0.00	34.71 -1.52 0.00	34.13 -1.65 0.00	34.23 -1.69 0.00	36.41 -1.28 0.00	42.80 -2.02 0.00	45.08 -2.17 0.00	45.63 -2.34 0.00	45.46 -2.11 0.00	45.90 -2.22 0.00	43.97 -2.22 0.00	41.62 -2.24 0.00	41.05 -2.11 0.00	40.40 -1.68 0.00	40.87 -1.97 0.00	42.89 -2.07 0.00	48.86 -2.57 0.00	53.25 -2.05 0.00	47.37 -1.92 0.00	42.81 -1.74 0.00	38.45 -1.15 0.00	36.68 -1.13 0.00	36.18 -1.00 0.00
BENSHRST_27_KV_BENSHRST_1 355998	56.46 2.27 -15.80	54.88 1.89 -15.21	54.87 1.96 -16.68	54.83 1.93 -17.12	54.83 2.01 -16.90	54.88 1.88 -15.31	56.49 2.73 -8.94	59.15 3.31 -8.59	59.20 3.49 -7.88	59.99 3.63 -8.56	59.25 3.46 -7.78	59.23 3.51 -9.53	59.44 3.47 -12.11	59.51 3.45 -12.89	59.41 3.32 -14.00	59.92 3.60 -13.48	60.98 3.82 -12.19	61.92 4.42 -6.07	65.35 4.59 -5.46	61.89 4.09 -8.50	60.97 3.65 -12.77	59.83 2.93 -17.31	57.79 2.68 -17.29	55.61 2.57 -15.86
BETHLEHEM___GRP 23843	39.71 1.31 0.00	39.00 1.21 0.00	37.43 1.20 0.00	36.96 1.18 0.00	37.14 1.22 0.00	38.86 1.17 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.75 1.91 0.00	49.71 1.91 0.00	49.89 1.87 0.00	47.98 1.80 0.00	45.62 1.75 0.00	44.93 1.77 0.00	43.77 1.68 0.00	44.64 1.80 0.00	46.89 1.93 0.00	53.69 2.26 0.00	57.62 2.32 0.00	51.31 2.02 0.00	46.37 1.83 0.00	41.18 1.58 0.00	39.22 1.40 0.00	38.56 1.38 0.00
BETHLEHEM___GS1 323560	39.71 1.31 0.00	39.00 1.21 0.00	37.43 1.19 0.00	36.96 1.18 0.00	37.14 1.22 0.00	38.86 1.17 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.75 1.92 0.00	49.71 1.91 0.00	49.88 1.87 0.00	47.98 1.80 0.00	45.62 1.76 0.00	44.89 1.73 0.00	43.77 1.69 0.00	44.64 1.80 0.00	46.89 1.93 0.00	53.69 2.26 0.00	57.62 2.32 0.00	51.31 2.02 0.00	46.42 1.87 0.00	41.18 1.59 0.00	39.22 1.40 0.00	38.56 1.38 0.00
BETHLEHEM___GS2 323561	39.71 1.31 0.00	39.00 1.21 0.00	37.43 1.19 0.00	36.96 1.18 0.00	37.14 1.22 0.00	38.86 1.17 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.75 1.92 0.00	49.71 1.91 0.00	49.88 1.87 0.00	47.98 1.80 0.00	45.62 1.76 0.00	44.89 1.73 0.00	43.77 1.69 0.00	44.64 1.80 0.00	46.89 1.93 0.00	53.69 2.26 0.00	57.62 2.32 0.00	51.31 2.02 0.00	46.42 1.87 0.00	41.18 1.59 0.00	39.22 1.40 0.00	38.56 1.38 0.00
BETHLEHEM___GS3 323562	39.71 1.31 0.00	39.00 1.21 0.00	37.43 1.19 0.00	36.96 1.18 0.00	37.14 1.22 0.00	38.86 1.17 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.75 1.92 0.00	49.71 1.91 0.00	49.88 1.87 0.00	47.98 1.80 0.00	45.62 1.76 0.00	44.89 1.73 0.00	43.77 1.69 0.00	44.64 1.80 0.00	46.89 1.93 0.00	53.69 2.26 0.00	57.62 2.32 0.00	51.31 2.02 0.00	46.42 1.87 0.00	41.18 1.59 0.00	39.22 1.40 0.00	38.56 1.38 0.00
BETHLEHEM___STEEL 23779	36.44 -1.96 0.00	36.12 -1.66 0.00	34.56 -1.67 0.00	33.99 -1.79 0.00	33.98 -1.94 0.00	36.29 -1.39 0.00	42.30 -2.51 0.00	44.46 -2.79 0.00	45.11 -2.73 0.00	44.60 -3.20 0.00	45.08 -2.93 0.00	43.18 -3.00 0.00	40.79 -3.07 0.00	40.31 -2.85 0.00	39.94 -2.15 0.00	40.32 -2.53 0.00	42.22 -2.74 0.00	48.04 -3.39 0.00	52.65 -2.65 0.00	46.93 -2.37 0.00	42.36 -2.18 0.00	38.21 -1.39 0.00	36.38 -1.44 0.00	36.11 -1.08 0.00
BETHLHEM_115KV_TB1 79974	39.40 1.00 0.00	38.73 0.94 0.00	37.14 0.91 0.00	36.68 0.89 0.00	36.89 0.97 0.00	38.55 0.87 0.00	46.16 1.34 0.00	48.67 1.42 0.00	49.32 1.48 0.00	49.28 1.48 0.00	49.45 1.44 0.00	47.57 1.39 0.00	45.22 1.36 0.00	44.54 1.38 0.00	43.43 1.35 0.00	44.26 1.41 0.00	46.49 1.53 0.00	53.23 1.80 0.00	57.24 1.94 0.00	50.97 1.68 0.00	46.06 1.51 0.00	40.90 1.31 0.00	38.95 1.13 0.00	38.30 1.12 0.00
BETHPAGE_CC_5 323564	40.74 2.34 0.00	39.79 2.00 0.00	38.08 1.85 0.00	37.57 1.79 0.00	37.82 1.90 0.00	39.65 1.96 0.00	56.60 2.91 -8.87	60.98 3.21 -10.52	61.04 3.40 -9.81	53.39 3.59 -2.00	51.18 3.17 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.27 3.24 -3.87	51.37 3.20 -6.09	51.59 3.47 -5.28	51.67 3.64 -3.07	59.10 4.16 -3.51	65.90 4.37 -6.23	53.14 3.85 0.00	48.20 3.65 0.00	42.68 3.09 0.00	40.39 2.57 0.00	39.90 2.71 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.52 -1.88 0.00	36.24 -1.55 0.00	34.64 -1.59 0.00	34.10 -1.68 0.00	34.05 -1.87 0.00	36.37 -1.32 0.00	42.44 -2.38 0.00	44.56 -2.69 0.00	45.20 -2.63 0.00	44.74 -3.06 0.00	45.18 -2.83 0.00	43.27 -2.91 0.00	40.88 -2.98 0.00	40.44 -2.72 0.00	40.06 -2.02 0.00	40.44 -2.40 0.00	42.35 -2.61 0.00	48.19 -3.24 0.00	52.81 -2.49 0.00	47.07 -2.22 0.00	42.50 -2.05 0.00	38.33 -1.27 0.00	36.46 -1.36 0.00	36.22 -0.97 0.00

BINGHAMTON___COGEN 23790	38.09 -0.31 0.00	37.60 -0.19 0.00	35.98 -0.25 0.00	35.53 -0.25 0.00	35.63 -0.29 0.00	37.50 -0.19 0.00	44.59 -0.22 0.00	46.97 -0.28 0.00	47.59 -0.24 0.00	47.47 -0.33 0.00	47.72 -0.29 0.00	45.86 -0.32 0.00	43.47 -0.39 0.00	42.82 -0.35 0.00	41.91 -0.17 0.00	42.63 -0.21 0.00	44.78 -0.18 0.00	51.22 -0.21 0.00	55.36 0.06 0.00	49.34 0.05 0.00	44.55 0.00 0.00	39.67 0.08 0.00	37.85 0.04 0.00	37.30 0.11 0.00
BIXINCNT_115KV_LOAD 355685	36.14 -2.27 0.00	35.90 -1.89 0.00	34.24 -1.99 0.00	33.63 -2.15 0.00	33.37 -2.55 0.00	35.62 -2.07 0.00	41.45 -3.36 0.00	43.38 -3.87 0.00	44.01 -3.83 0.00	43.64 -4.16 0.00	43.98 -4.03 0.00	42.12 -4.06 0.00	39.83 -4.04 0.00	39.54 -3.63 0.00	39.52 -2.57 0.00	40.10 -2.74 0.00	42.04 -2.92 0.00	47.78 -3.65 0.00	52.20 -3.10 0.00	46.58 -2.71 0.00	42.01 -2.54 0.00	37.77 -1.82 0.00	35.89 -1.93 0.00	35.85 -1.34 0.00
BLACK RIVER___HYD 24047	40.01 1.61 0.00	39.45 1.66 0.00	37.64 1.41 0.00	37.35 1.57 0.00	37.21 1.29 0.00	39.23 1.55 0.00	46.74 1.93 0.00	49.24 1.98 0.00	49.32 1.48 0.00	49.28 1.48 0.00	49.98 1.97 0.00	48.03 1.85 0.00	45.53 1.67 0.00	44.71 1.55 0.00	43.34 1.26 0.00	43.78 0.94 0.00	45.86 0.90 0.00	52.66 1.23 0.00	57.23 1.93 0.00	51.46 2.17 0.00	46.42 1.87 0.00	41.42 1.82 0.00	39.25 1.44 0.00	38.60 1.41 0.00
BLACKRVR_115KV_TB2 79977	40.01 1.61 0.00	39.45 1.66 0.00	37.64 1.41 0.00	37.36 1.57 0.00	37.21 1.29 0.00	39.23 1.55 0.00	46.74 1.93 0.00	49.24 1.98 0.00	49.32 1.48 0.00	49.28 1.48 0.00	49.98 1.97 0.00	48.03 1.85 0.00	45.53 1.67 0.00	44.67 1.51 0.00	43.35 1.26 0.00	43.79 0.94 0.00	45.86 0.90 0.00	52.66 1.23 0.00	57.24 1.94 0.00	51.46 2.17 0.00	46.42 1.87 0.00	41.42 1.82 0.00	39.25 1.44 0.00	38.60 1.41 0.00
BLISS_WT_PWR 323608	35.91 -2.50 0.00	35.67 -2.12 0.00	34.02 -2.21 0.00	33.38 -2.40 0.00	33.04 -2.87 0.00	35.24 -2.45 0.00	40.96 -3.85 0.00	42.86 -4.39 0.00	43.48 -4.35 0.00	43.16 -4.64 0.00	43.55 -4.46 0.00	41.66 -4.52 0.00	39.39 -4.47 0.00	39.45 -3.71 0.00	39.26 -2.82 0.00	39.89 -2.96 0.00	41.81 -3.15 0.00	47.42 -4.01 0.00	51.82 -3.48 0.00	46.24 -3.06 0.00	41.69 -2.85 0.00	37.49 -2.10 0.00	35.62 -2.19 0.00	35.62 -1.56 0.00
BLUESTONE___WT_PWR 323821	39.86 1.46 0.00	39.34 1.55 0.00	37.61 1.38 0.00	37.21 1.43 0.00	37.25 1.33 0.00	39.31 1.62 0.00	47.05 2.24 0.00	49.66 2.41 0.00	50.13 2.30 0.00	49.85 2.05 0.00	50.18 2.16 0.00	48.21 2.03 0.00	45.75 1.88 0.00	45.10 1.94 0.00	43.98 1.90 0.00	44.82 1.97 0.00	47.16 2.20 0.00	54.10 2.67 0.00	58.40 3.09 0.00	52.15 2.86 0.00	46.95 2.40 0.00	41.81 2.22 0.00	39.71 1.89 0.00	38.97 1.78 0.00
BLUE_CIRC_CHEM_DRP 24182	39.67 1.27 0.00	39.03 1.25 0.00	37.43 1.20 0.00	36.96 1.18 0.00	37.18 1.26 0.00	38.86 1.17 0.00	46.43 1.61 0.00	48.95 1.70 0.00	49.55 1.72 0.00	49.52 1.72 0.00	49.65 1.63 0.00	47.75 1.57 0.00	45.40 1.54 0.00	44.71 1.55 0.00	43.56 1.47 0.00	44.43 1.59 0.00	46.67 1.71 0.00	53.44 2.01 0.00	57.46 2.16 0.00	51.17 1.87 0.00	46.28 1.74 0.00	41.10 1.50 0.00	39.18 1.36 0.00	38.52 1.34 0.00
BOC_GAS_DRP 24189	39.28 0.88 0.00	38.62 0.83 0.00	37.06 0.83 0.00	36.60 0.82 0.00	36.78 0.86 0.00	38.48 0.79 0.00	46.02 1.21 0.00	48.53 1.28 0.00	49.17 1.34 0.00	49.19 1.39 0.00	49.31 1.30 0.00	47.47 1.29 0.00	45.13 1.27 0.00	44.46 1.29 0.00	43.30 1.22 0.00	44.17 1.33 0.00	46.35 1.39 0.00	53.08 1.65 0.00	57.01 1.71 0.00	50.82 1.53 0.00	45.93 1.38 0.00	40.78 1.19 0.00	38.84 1.02 0.00	38.19 1.00 0.00
BOONVILLE_115KV_TB1 79983	39.59 1.19 0.00	38.96 1.17 0.00	37.28 1.05 0.00	36.89 1.11 0.00	36.89 0.97 0.00	38.78 1.09 0.00	46.29 1.48 0.00	48.86 1.61 0.00	49.27 1.43 0.00	49.19 1.39 0.00	49.69 1.68 0.00	47.80 1.62 0.00	45.40 1.54 0.00	44.63 1.47 0.00	43.35 1.26 0.00	44.00 1.16 0.00	46.09 1.12 0.00	52.82 1.39 0.00	56.96 1.66 0.00	50.87 1.58 0.00	45.93 1.38 0.00	40.90 1.31 0.00	38.91 1.10 0.00	38.26 1.08 0.00
BORALEX_4TH_BRANCH 23824	40.24 1.84 0.00	39.45 1.66 0.00	37.86 1.63 0.00	37.39 1.61 0.00	37.61 1.69 0.00	39.42 1.73 0.00	47.46 2.64 0.00	49.99 2.74 0.00	50.65 2.82 0.00	50.62 2.82 0.00	50.61 2.59 0.00	48.72 2.54 0.00	46.36 2.50 0.00	45.66 2.50 0.00	44.48 2.40 0.00	45.29 2.44 0.00	47.57 2.61 0.00	54.52 3.09 0.00	58.51 3.21 0.00	52.05 2.76 0.00	47.04 2.49 0.00	41.77 2.18 0.00	39.75 1.93 0.00	39.12 1.93 0.00
BOWLINE___1 23526	39.63 1.23 0.00	38.81 1.02 0.00	37.24 1.01 0.00	36.78 1.00 0.00	36.99 1.08 0.00	38.67 0.98 0.00	46.52 1.70 0.00	49.24 1.98 0.00	49.93 2.10 0.00	50.00 2.20 0.00	50.12 2.11 0.00	48.31 2.13 0.00	45.92 2.06 0.00	45.19 2.03 0.00	44.06 1.98 0.00	45.07 2.23 0.00	47.30 2.34 0.00	54.20 2.78 0.00	58.17 2.87 0.00	51.85 2.56 0.00	46.82 2.27 0.00	41.38 1.78 0.00	39.33 1.51 0.00	38.63 1.45 0.00
BOWLINE___2 23595	39.63 1.23 0.00	38.81 1.02 0.00	37.24 1.01 0.00	36.78 1.00 0.00	36.99 1.08 0.00	38.67 0.98 0.00	46.52 1.70 0.00	49.24 1.98 0.00	49.93 2.10 0.00	50.00 2.20 0.00	50.12 2.11 0.00	48.31 2.13 0.00	45.92 2.06 0.00	45.19 2.03 0.00	44.06 1.98 0.00	45.07 2.23 0.00	47.30 2.34 0.00	54.20 2.78 0.00	58.17 2.87 0.00	51.85 2.56 0.00	46.82 2.27 0.00	41.38 1.78 0.00	39.33 1.51 0.00	38.63 1.45 0.00
BRADY___115KV_TB2 356060	43.82 5.41 0.00	43.19 5.40 0.00	41.23 5.00 0.00	40.93 5.15 0.00	40.26 4.35 0.00	42.02 4.33 0.00	49.70 4.88 0.00	52.17 4.91 0.00	51.75 3.92 0.00	52.10 4.30 0.00	53.58 5.57 0.00	51.77 5.59 0.00	48.86 5.00 0.00	47.74 4.58 0.00	45.83 3.75 0.00	45.37 2.53 0.00	47.30 2.34 0.00	53.90 2.47 0.00	58.78 3.48 0.00	53.09 3.80 0.00	47.80 3.25 0.00	42.96 3.37 0.00	40.84 3.03 0.00	40.90 3.72 0.00
BRANSCOMB___SOLAR 323811	40.67 2.27 0.00	39.98 2.19 0.00	38.33 2.10 0.00	37.86 2.07 0.00	38.11 2.19 0.00	39.91 2.22 0.00	48.00 3.18 0.00	50.56 3.31 0.00	51.28 3.45 0.00	51.19 3.39 0.00	51.32 3.31 0.00	49.32 3.14 0.00	46.85 2.98 0.00	46.14 2.98 0.00	44.90 2.82 0.00	45.84 3.00 0.00	48.20 3.24 0.00	55.24 3.81 0.00	59.34 4.03 0.00	52.79 3.50 0.00	47.76 3.21 0.00	42.29 2.69 0.00	40.24 2.42 0.00	39.49 2.31 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.03 2.25 0.00	38.29 2.37 0.00	40.18 2.49 0.00	57.36 3.67 -8.87	61.97 4.21 -10.52	61.99 4.35 -9.81	54.05 4.25 -2.00	51.76 3.75 0.00	50.11 3.93 0.00	50.88 3.86 -3.16	50.87 3.84 -3.87	51.87 3.70 -6.09	52.10 3.98 -5.28	52.26 4.23 -3.07	60.08 5.14 -3.51	67.00 5.47 -6.23	53.88 4.58 0.00	48.73 4.19 0.00	42.88 3.29 0.00	40.54 2.72 0.00	40.27 3.09 0.00

BRISTLHL_115KV_TB1 79998	37.98 -0.42 0.00	37.49 -0.30 0.00	35.87 -0.36 0.00	35.42 -0.36 0.00	35.56 -0.36 0.00	37.42 -0.26 0.00	44.46 -0.36 0.00	46.83 -0.43 0.00	47.45 -0.38 0.00	47.47 -0.33 0.00	47.82 -0.19 0.00	45.95 -0.23 0.00	43.47 -0.39 0.00	42.69 -0.47 0.00	41.79 -0.29 0.00	42.50 -0.34 0.00	44.56 -0.40 0.00	51.07 -0.36 0.00	55.13 -0.17 0.00	49.19 -0.10 0.00	44.46 -0.09 0.00	39.59 0.00 0.00	37.85 0.04 0.00	37.18 0.00 0.00
BROOKHAVEN___DRP 24191	41.13 2.73 0.00	40.13 2.34 0.00	38.41 2.17 0.00	37.89 2.11 0.00	38.15 2.23 0.00	40.06 2.37 0.00	57.27 3.59 -8.87	61.83 4.06 -10.52	61.85 4.21 -9.81	53.53 3.73 -2.00	50.94 2.93 0.00	49.37 3.19 0.00	50.18 3.16 -3.16	50.18 3.15 -3.87	51.20 3.03 -6.09	51.46 3.34 -5.28	51.59 3.55 -3.07	59.57 4.63 -3.51	66.56 5.03 -6.23	53.19 3.89 0.00	48.20 3.65 0.00	42.29 2.69 0.00	39.93 2.12 0.00	40.20 3.01 0.00
BROOKLYN_NAVY_YARD 23515	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.25 1.33 0.00	38.93 1.24 0.00	46.92 2.11 0.00	49.80 2.55 0.00	50.51 2.68 0.00	50.62 2.82 0.00	50.70 2.69 0.00	49.00 2.82 0.00	46.63 2.76 0.00	45.84 2.68 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.06 3.10 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.58 3.03 0.00	41.93 2.34 0.00	39.90 2.08 0.00	39.12 1.93 0.00
BROOKLYN___ARMY_DRP 323595	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
BROOKVLE_69_KV_TB1 55790	40.82 2.42 0.00	39.87 2.08 0.00	38.19 1.96 0.00	37.68 1.90 0.00	37.93 2.01 0.00	39.76 2.07 0.00	56.78 3.09 -8.87	61.31 3.54 -10.52	61.37 3.73 -9.81	53.67 3.87 -2.00	51.66 3.65 0.00	50.06 3.88 0.00	50.80 3.77 -3.16	50.79 3.75 -3.87	51.79 3.62 -6.09	52.02 3.90 -5.28	52.12 4.09 -3.07	59.62 4.68 -3.51	66.51 4.98 -6.23	53.58 4.29 0.00	48.42 3.88 0.00	42.72 3.13 0.00	40.46 2.65 0.00	39.86 2.68 0.00
BROOME_2_LFGE 323671	38.09 -0.31 0.00	37.60 -0.19 0.00	35.98 -0.25 0.00	35.53 -0.25 0.00	35.63 -0.29 0.00	37.50 -0.19 0.00	44.59 -0.22 0.00	46.97 -0.28 0.00	47.59 -0.24 0.00	47.47 -0.33 0.00	47.73 -0.29 0.00	45.86 -0.32 0.00	43.47 -0.40 0.00	42.86 -0.30 0.00	41.91 -0.17 0.00	42.63 -0.21 0.00	44.78 -0.18 0.00	51.22 -0.20 0.00	55.36 0.06 0.00	49.34 0.05 0.00	44.55 0.00 0.00	39.67 0.08 0.00	37.85 0.04 0.00	37.30 0.11 0.00
BROOME___LFGE 323600	38.09 -0.31 0.00	37.60 -0.19 0.00	35.98 -0.25 0.00	35.53 -0.25 0.00	35.63 -0.29 0.00	37.50 -0.19 0.00	44.59 -0.22 0.00	46.97 -0.28 0.00	47.59 -0.24 0.00	47.47 -0.33 0.00	47.73 -0.29 0.00	45.86 -0.32 0.00	43.47 -0.40 0.00	42.86 -0.30 0.00	41.91 -0.17 0.00	42.63 -0.21 0.00	44.78 -0.18 0.00	51.22 -0.20 0.00	55.36 0.06 0.00	49.34 0.05 0.00	44.55 0.00 0.00	39.67 0.08 0.00	37.85 0.04 0.00	37.30 0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	41.20 2.80 0.00	40.58 2.80 0.00	38.77 2.54 0.00	38.39 2.61 0.00	38.04 2.12 0.00	39.76 2.07 0.00	47.10 2.29 0.00	49.61 2.36 0.00	49.60 1.77 0.00	49.86 2.06 0.00	50.99 2.98 0.00	49.28 3.09 0.00	46.67 2.81 0.00	45.75 2.59 0.00	44.10 2.02 0.00	44.00 1.16 0.00	45.86 0.90 0.00	52.30 0.87 0.00	56.68 1.38 0.00	50.92 1.63 0.00	45.93 1.38 0.00	41.14 1.54 0.00	39.18 1.36 0.00	38.97 1.78 0.00
BROWNSV1_27_KV_LOAD 356125	40.24 1.84 0.00	39.30 1.51 0.00	37.75 1.52 0.00	37.28 1.50 0.00	37.53 1.62 0.00	39.20 1.51 0.00	47.23 2.42 0.00	50.13 2.88 0.00	50.89 3.06 0.00	51.00 3.20 0.00	51.09 3.07 0.00	49.28 3.09 0.00	46.89 3.03 0.00	46.23 3.06 0.00	44.99 2.90 0.00	46.01 3.17 0.00	48.33 3.37 0.00	55.34 3.91 0.00	59.45 4.15 0.00	52.99 3.70 0.00	47.84 3.30 0.00	42.17 2.57 0.00	40.12 2.31 0.00	39.34 2.16 0.00
BURROWS___LYONSDAL 23803	39.67 1.27 0.00	39.03 1.25 0.00	37.35 1.12 0.00	36.96 1.18 0.00	36.92 1.01 0.00	38.82 1.13 0.00	46.29 1.48 0.00	48.86 1.61 0.00	49.22 1.39 0.00	49.14 1.34 0.00	49.69 1.68 0.00	47.84 1.66 0.00	45.40 1.54 0.00	44.63 1.47 0.00	43.30 1.22 0.00	43.87 1.03 0.00	45.95 0.99 0.00	52.72 1.29 0.00	56.85 1.55 0.00	50.87 1.58 0.00	45.88 1.34 0.00	40.90 1.31 0.00	38.88 1.06 0.00	38.26 1.08 0.00
CAITHNESS_CC_1 323624	41.05 2.65 0.00	40.09 2.31 0.00	38.33 2.10 0.00	37.82 2.04 0.00	38.07 2.15 0.00	39.99 2.30 0.00	57.19 3.50 -8.87	61.69 3.92 -10.52	61.75 4.11 -9.81	53.48 3.68 -2.00	50.94 2.93 0.00	49.41 3.23 0.00	50.18 3.16 -3.16	50.10 3.06 -3.87	51.24 3.07 -6.09	51.46 3.34 -5.28	51.58 3.55 -3.07	59.62 4.68 -3.51	66.51 4.98 -6.23	53.19 3.89 0.00	48.20 3.65 0.00	42.29 2.69 0.00	39.93 2.12 0.00	40.16 2.98 0.00
CALPINE BETH_PAGE_GT4 24209	40.78 2.38 0.00	39.83 2.04 0.00	38.12 1.88 0.00	37.61 1.82 0.00	37.86 1.94 0.00	39.69 2.00 0.00	56.60 2.91 -8.87	60.93 3.17 -10.52	60.99 3.35 -9.81	53.34 3.54 -2.00	51.18 3.17 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.35 3.32 -3.87	51.32 3.16 -6.09	51.55 3.43 -5.28	51.68 3.64 -3.07	59.05 4.11 -3.51	65.90 4.37 -6.23	53.14 3.84 0.00	48.20 3.65 0.00	42.68 3.09 0.00	40.39 2.57 0.00	39.86 2.68 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.78 2.38 0.00	39.83 2.04 0.00	38.11 1.88 0.00	37.60 1.82 0.00	37.86 1.94 0.00	39.68 2.00 0.00	56.60 2.91 -8.87	60.93 3.17 -10.52	60.99 3.35 -9.81	53.34 3.54 -2.00	51.13 3.12 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.27 3.24 -3.87	51.33 3.16 -6.09	51.59 3.47 -5.28	51.67 3.64 -3.07	59.10 4.16 -3.51	65.90 4.37 -6.23	53.14 3.85 0.00	48.20 3.65 0.00	42.68 3.09 0.00	40.39 2.57 0.00	39.90 2.71 0.00
CALPINE_BP_GT1 23823	40.78 2.38 0.00	39.83 2.04 0.00	38.11 1.88 0.00	37.60 1.82 0.00	37.86 1.94 0.00	39.68 2.00 0.00	56.60 2.91 -8.87	60.93 3.17 -10.52	60.99 3.35 -9.81	53.34 3.54 -2.00	51.13 3.12 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.27 3.24 -3.87	51.33 3.16 -6.09	51.59 3.47 -5.28	51.67 3.64 -3.07	59.10 4.16 -3.51	65.90 4.37 -6.23	53.14 3.85 0.00	48.20 3.65 0.00	42.68 3.09 0.00	40.39 2.57 0.00	39.90 2.71 0.00
CALSPAN___DRP 24200	36.44 -1.96 0.00	36.12 -1.66 0.00	34.56 -1.67 0.00	33.99 -1.79 0.00	33.98 -1.94 0.00	36.29 -1.39 0.00	42.30 -2.51 0.00	44.46 -2.79 0.00	45.11 -2.73 0.00	44.60 -3.20 0.00	45.08 -2.93 0.00	43.18 -3.00 0.00	40.79 -3.07 0.00	40.31 -2.85 0.00	39.94 -2.15 0.00	40.32 -2.53 0.00	42.22 -2.74 0.00	48.04 -3.39 0.00	52.65 -2.65 0.00	46.93 -2.37 0.00	42.36 -2.18 0.00	38.21 -1.39 0.00	36.38 -1.44 0.00	36.11 -1.08 0.00

CALVERTON___SOLAR 323806	41.20 2.80 0.00	40.21 2.42 0.00	38.48 2.25 0.00	37.93 2.15 0.00	38.22 2.30 0.00	40.14 2.45 0.00	57.36 3.68 -8.87	61.93 4.16 -10.52	61.95 4.31 -9.81	53.57 3.78 -2.00	50.94 2.93 0.00	49.37 3.18 0.00	50.14 3.11 -3.16	50.10 3.06 -3.87	51.24 3.07 -6.09	51.46 3.34 -5.28	51.58 3.55 -3.07	59.72 4.78 -3.51	66.67 5.14 -6.23	53.19 3.89 0.00	48.24 3.70 0.00	42.29 2.69 0.00	39.93 2.12 0.00	40.27 3.08 0.00
CANDIGU_WT_PWR 323617	36.37 -2.04 0.00	36.01 -1.78 0.00	34.42 -1.81 0.00	33.92 -1.86 0.00	33.98 -1.94 0.00	35.92 -1.77 0.00	42.35 -2.46 0.00	44.28 -2.98 0.00	44.91 -2.92 0.00	44.64 -3.16 0.00	44.94 -3.07 0.00	43.00 -3.19 0.00	40.62 -3.25 0.00	40.27 -2.89 0.00	39.47 -2.61 0.00	40.23 -2.61 0.00	42.26 -2.70 0.00	48.35 -3.08 0.00	52.92 -2.38 0.00	47.32 -1.97 0.00	42.76 -1.78 0.00	38.25 -1.35 0.00	36.57 -1.25 0.00	36.26 -0.93 0.00
CARR STREET_E_SYR 24060	37.56 -0.85 0.00	36.99 -0.80 0.00	35.43 -0.80 0.00	34.99 -0.79 0.00	35.13 -0.79 0.00	36.97 -0.72 0.00	43.79 -1.03 0.00	46.17 -1.08 0.00	46.83 -1.01 0.00	46.79 -1.01 0.00	47.05 -0.96 0.00	45.26 -0.92 0.00	42.94 -0.92 0.00	42.30 -0.86 0.00	41.33 -0.76 0.00	42.03 -0.82 0.00	44.06 -0.90 0.00	50.40 -1.03 0.00	54.36 -0.94 0.00	48.45 -0.84 0.00	43.75 -0.80 0.00	39.00 -0.59 0.00	37.40 -0.42 0.00	36.74 -0.44 0.00
CARTHAGE___PAPER 23857	40.09 1.69 0.00	39.49 1.70 0.00	37.72 1.49 0.00	37.35 1.57 0.00	37.25 1.33 0.00	39.20 1.51 0.00	46.70 1.88 0.00	49.19 1.94 0.00	49.27 1.43 0.00	49.23 1.43 0.00	49.98 1.97 0.00	48.12 1.94 0.00	45.57 1.71 0.00	44.76 1.60 0.00	43.34 1.26 0.00	43.70 0.86 0.00	45.72 0.76 0.00	52.51 1.08 0.00	56.96 1.66 0.00	51.17 1.87 0.00	46.15 1.60 0.00	41.18 1.59 0.00	39.10 1.29 0.00	38.52 1.34 0.00
CASSADAGA_WT_PWR 323784	36.67 -1.73 0.00	36.31 -1.47 0.00	34.78 -1.45 0.00	34.28 -1.50 0.00	34.23 -1.69 0.00	36.63 -1.06 0.00	42.80 -2.02 0.00	44.98 -2.27 0.00	45.63 -2.20 0.00	43.64 -4.16 0.00	44.13 -3.89 0.00	42.16 -4.02 0.00	39.83 -4.03 0.00	39.71 -3.45 0.00	39.10 -2.99 0.00	39.80 -3.04 0.00	41.81 -3.15 0.00	47.98 -3.45 0.00	52.92 -2.38 0.00	47.12 -2.17 0.00	42.50 -2.05 0.00	38.13 -1.46 0.00	36.04 -1.78 0.00	35.81 -1.38 0.00
CE_DUNWOOD___DRP 24194	39.90 1.50 0.00	39.03 1.25 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.25 1.33 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.66 2.41 0.00	50.42 2.58 0.00	50.48 2.68 0.00	50.56 2.54 0.00	48.77 2.59 0.00	46.41 2.54 0.00	45.71 2.55 0.00	44.48 2.40 0.00	45.54 2.70 0.00	47.79 2.83 0.00	54.72 3.29 0.00	58.78 3.48 0.00	52.35 3.06 0.00	47.26 2.72 0.00	41.73 2.14 0.00	39.71 1.89 0.00	38.93 1.75 0.00
CE_MILLWOOD___DRP 24193	39.78 1.38 0.00	38.96 1.17 0.00	37.39 1.16 0.00	36.93 1.14 0.00	37.18 1.26 0.00	38.82 1.13 0.00	46.70 1.88 0.00	49.47 2.22 0.00	50.22 2.39 0.00	50.24 2.44 0.00	50.37 2.35 0.00	48.58 2.40 0.00	46.19 2.32 0.00	45.49 2.33 0.00	44.31 2.23 0.00	45.33 2.48 0.00	47.57 2.61 0.00	54.52 3.09 0.00	58.51 3.21 0.00	52.15 2.86 0.00	47.09 2.54 0.00	41.57 1.98 0.00	39.56 1.74 0.00	38.82 1.64 0.00
CE_NYC2_DRP 24202	40.21 1.80 0.00	39.26 1.47 0.00	37.79 1.56 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.06 2.24 0.00	49.99 2.74 0.00	50.75 2.92 0.00	50.86 3.06 0.00	50.94 2.93 0.00	49.18 3.00 0.00	46.84 2.98 0.00	46.14 2.98 0.00	44.90 2.82 0.00	45.97 3.13 0.00	48.24 3.28 0.00	55.18 3.75 0.00	59.23 3.93 0.00	52.74 3.45 0.00	47.66 3.12 0.00	42.05 2.45 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
CE_NYC_DRP 24195	40.01 1.61 0.00	39.07 1.28 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.32 1.40 0.00	38.97 1.28 0.00	46.92 2.11 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.86 2.04 0.00	39.12 1.93 0.00
CHAFFEE___LFGE 323603	36.56 -1.84 0.00	36.24 -1.55 0.00	34.67 -1.56 0.00	34.14 -1.65 0.00	34.09 -1.83 0.00	36.45 -1.24 0.00	42.53 -2.28 0.00	44.70 -2.55 0.00	45.34 -2.49 0.00	44.84 -2.96 0.00	45.33 -2.69 0.00	43.36 -2.82 0.00	40.97 -2.90 0.00	40.91 -2.25 0.00	40.15 -1.94 0.00	40.49 -2.36 0.00	42.44 -2.52 0.00	48.29 -3.14 0.00	52.98 -2.32 0.00	47.22 -2.07 0.00	42.59 -1.96 0.00	38.41 -1.19 0.00	36.53 -1.29 0.00	36.26 -0.93 0.00
CHATEAUG_35_KV_LOAD 355732	39.09 0.69 0.00	38.47 0.68 0.00	36.85 0.62 0.00	36.39 0.61 0.00	36.39 0.47 0.00	38.33 0.64 0.00	45.31 0.49 0.00	47.72 0.47 0.00	48.02 0.19 0.00	48.04 0.24 0.00	48.25 0.24 0.00	46.32 0.14 0.00	43.95 0.09 0.00	43.07 -0.09 0.00	41.79 -0.29 0.00	42.16 -0.69 0.00	44.06 -0.90 0.00	50.20 -1.23 0.00	53.81 -1.49 0.00	48.06 -1.23 0.00	43.48 -1.07 0.00	38.56 -1.03 0.00	36.68 -1.13 0.00	36.22 -0.97 0.00
CHATEAUG_WT_PWR 323614	38.98 0.58 0.00	38.36 0.57 0.00	36.78 0.54 0.00	36.28 0.50 0.00	36.31 0.40 0.00	38.22 0.53 0.00	45.22 0.40 0.00	47.68 0.42 0.00	47.98 0.14 0.00	47.99 0.19 0.00	48.21 0.19 0.00	46.23 0.05 0.00	43.86 0.00 0.00	42.99 -0.17 0.00	41.66 -0.42 0.00	42.03 -0.82 0.00	43.88 -1.08 0.00	49.94 -1.49 0.00	53.53 -1.77 0.00	47.76 -1.53 0.00	43.21 -1.34 0.00	38.37 -1.23 0.00	36.53 -1.29 0.00	36.03 -1.15 0.00
CHAT_HIGH_FALL_HYD 323578	39.09 0.69 0.00	38.47 0.68 0.00	36.85 0.62 0.00	36.39 0.61 0.00	36.39 0.47 0.00	38.33 0.64 0.00	45.31 0.49 0.00	47.72 0.47 0.00	48.02 0.19 0.00	48.04 0.24 0.00	48.25 0.24 0.00	46.32 0.14 0.00	43.95 0.09 0.00	43.07 -0.09 0.00	41.79 -0.29 0.00	42.16 -0.69 0.00	44.06 -0.90 0.00	50.20 -1.23 0.00	53.81 -1.49 0.00	48.06 -1.23 0.00	43.48 -1.07 0.00	38.56 -1.03 0.00	36.68 -1.13 0.00	36.22 -0.97 0.00
CHAUTAUQUA___LFGE 323629	36.64 -1.77 0.00	36.31 -1.47 0.00	34.74 -1.49 0.00	34.21 -1.57 0.00	34.19 -1.72 0.00	36.52 -1.17 0.00	42.71 -2.11 0.00	44.84 -2.41 0.00	45.49 -2.34 0.00	44.50 -3.30 0.00	44.99 -3.02 0.00	43.04 -3.14 0.00	40.62 -3.25 0.00	40.53 -2.63 0.00	39.81 -2.27 0.00	40.27 -2.57 0.00	42.26 -2.70 0.00	48.29 -3.14 0.00	53.09 -2.21 0.00	47.32 -1.97 0.00	42.63 -1.91 0.00	38.33 -1.27 0.00	36.42 -1.40 0.00	36.14 -1.04 0.00
CHERRYST_13_KV_LD 356241	40.09 1.69 0.00	39.15 1.36 0.00	37.64 1.41 0.00	37.18 1.40 0.00	37.43 1.51 0.00	39.08 1.39 0.00	47.06 2.24 0.00	49.99 2.74 0.00	50.75 2.92 0.00	50.86 3.06 0.00	50.94 2.93 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.86 2.78 0.00	45.89 3.04 0.00	48.20 3.24 0.00	55.18 3.75 0.00	59.17 3.87 0.00	52.74 3.45 0.00	47.62 3.07 0.00	42.01 2.42 0.00	39.97 2.16 0.00	39.19 2.01 0.00

CHESTROR_138KV_BK263 355645	39.52 1.11 0.00	38.73 0.94 0.00	37.14 0.91 0.00	36.68 0.89 0.00	36.89 0.97 0.00	38.55 0.87 0.00	46.34 1.52 0.00	49.00 1.75 0.00	49.65 1.82 0.00	49.66 1.86 0.00	49.79 1.78 0.00	48.03 1.85 0.00	45.62 1.75 0.00	44.93 1.77 0.00	43.77 1.68 0.00	44.73 1.89 0.00	46.98 2.02 0.00	53.85 2.42 0.00	57.79 2.49 0.00	51.56 2.27 0.00	46.55 2.00 0.00	41.14 1.54 0.00	39.14 1.32 0.00	38.45 1.26 0.00
CH_MIDHUDSON___DRP 24192	39.90 1.50 0.00	39.07 1.28 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.25 1.33 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.52 2.27 0.00	50.22 2.39 0.00	50.19 2.39 0.00	50.32 2.30 0.00	48.49 2.31 0.00	46.10 2.24 0.00	45.40 2.24 0.00	44.23 2.15 0.00	45.24 2.40 0.00	47.48 2.52 0.00	54.46 3.03 0.00	58.45 3.15 0.00	52.05 2.76 0.00	47.00 2.45 0.00	41.53 1.94 0.00	39.48 1.66 0.00	38.78 1.60 0.00
CH_MISC_IPPS 23765	40.05 1.65 0.00	39.26 1.47 0.00	37.64 1.41 0.00	37.14 1.36 0.00	37.39 1.47 0.00	39.04 1.35 0.00	47.05 2.24 0.00	49.71 2.46 0.00	50.37 2.53 0.00	50.33 2.53 0.00	50.51 2.50 0.00	48.67 2.49 0.00	46.23 2.37 0.00	45.45 2.29 0.00	44.35 2.27 0.00	45.41 2.57 0.00	47.66 2.70 0.00	54.67 3.24 0.00	58.67 3.37 0.00	52.25 2.96 0.00	47.17 2.63 0.00	41.65 2.06 0.00	39.59 1.78 0.00	38.90 1.71 0.00
CH_RES_BVR_FALLS 23983	37.90 -0.50 0.00	37.30 -0.49 0.00	35.76 -0.47 0.00	35.31 -0.47 0.00	35.42 -0.50 0.00	37.20 -0.49 0.00	44.14 -0.67 0.00	46.54 -0.71 0.00	47.02 -0.81 0.00	47.03 -0.77 0.00	47.20 -0.82 0.00	45.40 -0.79 0.00	43.07 -0.79 0.00	42.34 -0.82 0.00	40.95 -1.13 0.00	41.64 -1.20 0.00	43.93 -1.03 0.00	50.19 -1.23 0.00	53.86 -1.44 0.00	48.06 -1.23 0.00	43.43 -1.11 0.00	38.61 -0.99 0.00	36.83 -0.98 0.00	36.26 -0.93 0.00
CH_RES_NIAGARA 23895	35.14 -3.26 0.00	34.84 -2.95 0.00	33.33 -2.90 0.00	32.74 -3.04 0.00	32.76 -3.16 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.62 -4.63 0.00	43.34 -4.50 0.00	42.92 -4.88 0.00	43.40 -4.61 0.00	41.56 -4.62 0.00	39.26 -4.61 0.00	38.80 -4.36 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.38 -4.92 0.00	44.86 -4.44 0.00	40.63 -3.92 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.88 -2.31 0.00
CH_RES_SYRACUSE 23985	37.94 -0.46 0.00	37.41 -0.38 0.00	35.80 -0.43 0.00	35.35 -0.43 0.00	35.49 -0.43 0.00	37.31 -0.38 0.00	44.28 -0.54 0.00	46.64 -0.62 0.00	47.31 -0.53 0.00	47.28 -0.52 0.00	47.58 -0.43 0.00	45.72 -0.46 0.00	43.34 -0.52 0.00	42.69 -0.47 0.00	41.70 -0.38 0.00	42.42 -0.43 0.00	44.51 -0.45 0.00	50.92 -0.51 0.00	54.92 -0.38 0.00	48.95 -0.34 0.00	44.19 -0.36 0.00	39.40 -0.20 0.00	37.74 -0.08 0.00	37.07 -0.11 0.00
CLINTON_WT_PWR 323605	38.98 0.58 0.00	38.36 0.57 0.00	36.78 0.54 0.00	36.28 0.50 0.00	36.31 0.40 0.00	38.22 0.53 0.00	45.22 0.40 0.00	47.68 0.42 0.00	47.98 0.14 0.00	47.99 0.19 0.00	48.21 0.19 0.00	46.23 0.05 0.00	43.86 0.00 0.00	42.99 -0.17 0.00	41.66 -0.42 0.00	42.03 -0.82 0.00	43.88 -1.08 0.00	49.94 -1.49 0.00	53.53 -1.77 0.00	47.76 -1.53 0.00	43.21 -1.34 0.00	38.37 -1.23 0.00	36.53 -1.29 0.00	36.03 -1.15 0.00
CLINTON___LFGE 323618	39.78 1.38 0.00	39.19 1.40 0.00	37.50 1.27 0.00	37.00 1.22 0.00	36.99 1.08 0.00	39.08 1.40 0.00	46.25 1.43 0.00	48.76 1.51 0.00	48.93 1.10 0.00	48.95 1.15 0.00	49.07 1.05 0.00	47.01 0.83 0.00	44.52 0.66 0.00	43.50 0.34 0.00	42.08 0.00 0.00	42.37 -0.47 0.00	44.15 -0.81 0.00	50.19 -1.23 0.00	53.81 -1.49 0.00	48.01 -1.28 0.00	43.48 -1.07 0.00	38.49 -1.11 0.00	36.53 -1.29 0.00	36.03 -1.15 0.00
COBBLENY_34_KV_TB1 80064	36.56 -1.84 0.00	36.24 -1.55 0.00	34.67 -1.56 0.00	34.13 -1.65 0.00	34.09 -1.83 0.00	36.44 -1.24 0.00	42.53 -2.29 0.00	44.70 -2.55 0.00	45.35 -2.49 0.00	44.84 -2.96 0.00	45.28 -2.74 0.00	43.36 -2.82 0.00	40.97 -2.89 0.00	40.53 -2.63 0.00	40.15 -1.94 0.00	40.49 -2.36 0.00	42.44 -2.52 0.00	48.29 -3.14 0.00	52.98 -2.32 0.00	47.22 -2.07 0.00	42.59 -1.96 0.00	38.41 -1.19 0.00	36.53 -1.29 0.00	36.25 -0.93 0.00
COFFEEN___115KV_TB3 355620	40.24 1.84 0.00	39.64 1.85 0.00	37.83 1.59 0.00	37.53 1.75 0.00	37.39 1.47 0.00	39.46 1.77 0.00	47.01 2.20 0.00	49.47 2.22 0.00	49.55 1.72 0.00	49.47 1.67 0.00	50.17 2.16 0.00	48.21 2.03 0.00	45.66 1.80 0.00	44.80 1.64 0.00	43.47 1.39 0.00	43.91 1.07 0.00	46.04 1.08 0.00	52.97 1.54 0.00	57.57 2.27 0.00	51.81 2.51 0.00	46.73 2.18 0.00	41.69 2.10 0.00	39.48 1.66 0.00	38.82 1.64 0.00
COLDSPRG_115KV_BK1 355956	37.36 -1.04 0.00	37.03 -0.76 0.00	35.43 -0.80 0.00	34.92 -0.86 0.00	34.88 -1.04 0.00	37.31 -0.38 0.00	43.74 -1.08 0.00	45.93 -1.32 0.00	46.54 -1.29 0.00	45.36 -2.44 0.00	45.76 -2.26 0.00	43.83 -2.36 0.00	41.36 -2.50 0.00	40.92 -2.24 0.00	40.53 -1.56 0.00	41.04 -1.80 0.00	43.07 -1.89 0.00	49.32 -2.11 0.00	54.25 -1.05 0.00	48.36 -0.94 0.00	43.52 -1.02 0.00	39.08 -0.51 0.00	37.02 -0.79 0.00	36.78 -0.41 0.00
COLONIE_LFGE___ 323577	40.01 1.61 0.00	39.26 1.47 0.00	37.68 1.45 0.00	37.21 1.43 0.00	37.43 1.51 0.00	39.20 1.51 0.00	47.05 2.24 0.00	49.57 2.31 0.00	50.27 2.44 0.00	50.19 2.39 0.00	50.32 2.30 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.32 2.16 0.00	44.19 2.10 0.00	45.03 2.18 0.00	47.30 2.34 0.00	54.20 2.78 0.00	58.17 2.87 0.00	51.76 2.46 0.00	46.82 2.27 0.00	41.53 1.94 0.00	39.52 1.70 0.00	38.86 1.67 0.00
COOPERNY_115KV_TB1 80082	39.13 0.73 0.00	38.43 0.64 0.00	36.85 0.62 0.00	36.39 0.61 0.00	36.60 0.68 0.00	38.29 0.60 0.00	45.89 1.08 0.00	48.48 1.23 0.00	49.12 1.29 0.00	49.09 1.29 0.00	49.31 1.30 0.00	47.47 1.29 0.00	45.13 1.27 0.00	44.41 1.25 0.00	43.30 1.22 0.00	44.21 1.37 0.00	46.44 1.48 0.00	53.18 1.75 0.00	57.13 1.82 0.00	50.92 1.63 0.00	46.02 1.47 0.00	40.74 1.15 0.00	38.80 0.98 0.00	38.11 0.93 0.00
COPENHAGEN_WT_PWR 323753	39.78 1.38 0.00	39.22 1.44 0.00	37.46 1.23 0.00	37.11 1.32 0.00	37.03 1.11 0.00	39.01 1.32 0.00	46.47 1.66 0.00	48.95 1.70 0.00	49.07 1.24 0.00	49.04 1.24 0.00	49.69 1.68 0.00	47.80 1.62 0.00	45.26 1.40 0.00	44.50 1.34 0.00	43.14 1.05 0.00	43.62 0.77 0.00	45.68 0.72 0.00	52.46 1.03 0.00	56.96 1.66 0.00	51.17 1.87 0.00	46.15 1.60 0.00	41.18 1.59 0.00	39.06 1.25 0.00	38.45 1.26 0.00
CORNELL_____ 23752	38.59 0.19 0.00	38.05 0.26 0.00	36.41 0.18 0.00	35.96 0.18 0.00	36.10 0.18 0.00	38.03 0.34 0.00	45.26 0.45 0.00	47.68 0.43 0.00	48.31 0.48 0.00	48.13 0.33 0.00	48.35 0.34 0.00	46.41 0.23 0.00	43.99 0.13 0.00	43.29 0.13 0.00	42.42 0.34 0.00	43.14 0.30 0.00	45.37 0.40 0.00	52.00 0.57 0.00	56.24 0.94 0.00	50.18 0.89 0.00	45.26 0.71 0.00	40.31 0.71 0.00	38.46 0.64 0.00	37.78 0.59 0.00

CORONA V_69_KV_TB1 355595	40.67 2.27 0.00	39.71 1.93 0.00	38.04 1.81 0.00	37.57 1.79 0.00	37.79 1.87 0.00	39.57 1.88 0.00	56.56 2.87 -8.87	61.08 3.31 -10.52	61.13 3.49 -9.81	53.38 3.58 -2.00	51.37 3.36 0.00	49.74 3.56 0.00	50.49 3.47 -3.16	50.48 3.45 -3.87	51.49 3.32 -6.09	51.72 3.60 -5.28	51.81 3.78 -3.07	59.31 4.37 -3.51	66.17 4.65 -6.23	53.33 4.04 0.00	48.20 3.65 0.00	42.52 2.93 0.00	40.31 2.50 0.00	39.68 2.49 0.00
CORTLAND_115KV_TB3 80093	38.36 -0.04 0.00	37.83 0.04 0.00	36.20 -0.04 0.00	35.78 0.00 0.00	35.88 -0.04 0.00	37.76 0.08 0.00	44.95 0.13 0.00	47.35 0.09 0.00	47.93 0.10 0.00	47.85 0.05 0.00	48.06 0.05 0.00	46.18 0.00 0.00	43.82 -0.04 0.00	43.12 -0.04 0.00	42.17 0.08 0.00	42.93 0.09 0.00	45.05 0.09 0.00	51.64 0.21 0.00	55.74 0.44 0.00	49.69 0.39 0.00	44.86 0.31 0.00	39.95 0.36 0.00	38.16 0.34 0.00	37.52 0.33 0.00
COXSACKIE__GT 23611	41.24 2.84 0.00	40.58 2.80 0.00	38.80 2.57 0.00	38.22 2.43 0.00	38.54 2.62 0.00	40.21 2.53 0.00	48.44 3.63 0.00	50.84 3.59 0.00	51.13 3.30 0.00	50.72 2.92 0.00	50.80 2.78 0.00	48.72 2.54 0.00	46.18 2.32 0.00	45.49 2.33 0.00	44.40 2.31 0.00	45.37 2.53 0.00	47.75 2.79 0.00	55.13 3.71 0.00	59.28 3.98 0.00	52.84 3.55 0.00	47.76 3.21 0.00	42.29 2.69 0.00	40.20 2.38 0.00	39.60 2.42 0.00
CPV_VALLEY__CC1 323721	39.25 0.84 0.00	38.47 0.68 0.00	36.92 0.69 0.00	36.46 0.68 0.00	36.67 0.76 0.00	38.33 0.64 0.00	46.03 1.21 0.00	48.62 1.37 0.00	49.32 1.48 0.00	49.33 1.53 0.00	49.50 1.49 0.00	47.70 1.52 0.00	45.35 1.49 0.00	44.58 1.42 0.00	43.51 1.43 0.00	44.43 1.59 0.00	46.67 1.71 0.00	53.49 2.06 0.00	57.40 2.10 0.00	51.17 1.87 0.00	46.20 1.65 0.00	40.90 1.30 0.00	38.91 1.10 0.00	38.19 1.00 0.00
CPV_VALLEY__CC2 323722	39.25 0.84 0.00	38.47 0.68 0.00	36.92 0.69 0.00	36.46 0.68 0.00	36.67 0.76 0.00	38.33 0.64 0.00	46.03 1.21 0.00	48.62 1.37 0.00	49.32 1.48 0.00	49.33 1.53 0.00	49.50 1.49 0.00	47.70 1.52 0.00	45.35 1.49 0.00	44.58 1.42 0.00	43.51 1.43 0.00	44.43 1.59 0.00	46.67 1.71 0.00	53.49 2.06 0.00	57.40 2.10 0.00	51.17 1.87 0.00	46.20 1.65 0.00	40.90 1.30 0.00	38.91 1.10 0.00	38.19 1.00 0.00
CRESCENT__HYD 24018	40.01 1.61 0.00	39.26 1.47 0.00	37.68 1.45 0.00	37.21 1.43 0.00	37.43 1.51 0.00	39.20 1.51 0.00	47.05 2.24 0.00	49.57 2.31 0.00	50.27 2.44 0.00	50.19 2.39 0.00	50.32 2.30 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.32 2.16 0.00	44.19 2.10 0.00	45.03 2.18 0.00	47.30 2.34 0.00	54.20 2.78 0.00	58.17 2.87 0.00	51.76 2.46 0.00	46.82 2.27 0.00	41.53 1.94 0.00	39.52 1.70 0.00	38.86 1.67 0.00
CRICKET__VALLEY_CC1 323756	39.55 1.15 0.00	38.73 0.95 0.00	37.21 0.98 0.00	36.75 0.97 0.00	36.96 1.04 0.00	38.63 0.94 0.00	46.47 1.66 0.00	49.14 1.89 0.00	49.84 2.01 0.00	49.85 2.05 0.00	49.94 1.92 0.00	48.12 1.94 0.00	45.79 1.93 0.00	45.02 1.85 0.00	43.89 1.81 0.00	44.86 2.01 0.00	47.07 2.11 0.00	53.95 2.52 0.00	57.85 2.55 0.00	51.51 2.22 0.00	46.55 2.01 0.00	41.18 1.59 0.00	39.18 1.36 0.00	38.48 1.30 0.00
CRICKET__VALLEY_CC2 323757	39.55 1.15 0.00	38.73 0.95 0.00	37.21 0.98 0.00	36.75 0.97 0.00	36.96 1.04 0.00	38.63 0.94 0.00	46.47 1.66 0.00	49.14 1.89 0.00	49.84 2.01 0.00	49.85 2.05 0.00	49.94 1.92 0.00	48.12 1.94 0.00	45.79 1.93 0.00	45.02 1.85 0.00	43.89 1.81 0.00	44.86 2.01 0.00	47.07 2.11 0.00	53.95 2.52 0.00	57.85 2.55 0.00	51.51 2.22 0.00	46.55 2.01 0.00	41.18 1.59 0.00	39.18 1.36 0.00	38.48 1.30 0.00
CRICKET__VALLEY_CC3 323758	39.55 1.15 0.00	38.73 0.95 0.00	37.21 0.98 0.00	36.75 0.97 0.00	36.96 1.04 0.00	38.63 0.94 0.00	46.47 1.66 0.00	49.14 1.89 0.00	49.84 2.01 0.00	49.85 2.05 0.00	49.94 1.92 0.00	48.12 1.94 0.00	45.79 1.93 0.00	45.02 1.85 0.00	43.89 1.81 0.00	44.86 2.01 0.00	47.07 2.11 0.00	53.95 2.52 0.00	57.85 2.55 0.00	51.51 2.22 0.00	46.55 2.01 0.00	41.18 1.59 0.00	39.18 1.36 0.00	38.48 1.30 0.00
CRUCIBLE_METL_DRP 24180	37.94 -0.46 0.00	37.41 -0.38 0.00	35.80 -0.43 0.00	35.35 -0.43 0.00	35.49 -0.43 0.00	37.31 -0.38 0.00	44.28 -0.54 0.00	46.64 -0.61 0.00	47.31 -0.53 0.00	47.27 -0.53 0.00	47.58 -0.43 0.00	45.72 -0.46 0.00	43.34 -0.53 0.00	42.64 -0.52 0.00	41.70 -0.38 0.00	42.42 -0.43 0.00	44.51 -0.45 0.00	50.92 -0.51 0.00	54.91 -0.39 0.00	48.95 -0.35 0.00	44.19 -0.36 0.00	39.40 -0.20 0.00	37.74 -0.08 0.00	37.07 -0.11 0.00
DAHOWA__HYDRO 323763	40.94 2.53 0.00	40.21 2.42 0.00	38.59 2.35 0.00	38.07 2.29 0.00	38.36 2.44 0.00	40.17 2.49 0.00	48.31 3.50 0.00	50.94 3.69 0.00	51.71 3.87 0.00	51.53 3.73 0.00	51.66 3.65 0.00	49.65 3.47 0.00	47.15 3.29 0.00	46.44 3.28 0.00	45.20 3.11 0.00	46.10 3.25 0.00	48.51 3.55 0.00	55.59 4.16 0.00	59.73 4.43 0.00	53.19 3.89 0.00	48.06 3.52 0.00	42.60 3.01 0.00	40.46 2.65 0.00	39.75 2.56 0.00
DANC__LFGE 323619	38.98 0.58 0.00	38.43 0.64 0.00	36.70 0.47 0.00	36.35 0.57 0.00	36.31 0.40 0.00	38.29 0.60 0.00	45.53 0.71 0.00	47.96 0.71 0.00	48.26 0.43 0.00	48.23 0.43 0.00	48.78 0.77 0.00	46.88 0.69 0.00	44.39 0.53 0.00	43.64 0.48 0.00	42.42 0.34 0.00	43.02 0.17 0.00	45.10 0.14 0.00	51.74 0.31 0.00	56.07 0.77 0.00	50.23 0.93 0.00	45.35 0.80 0.00	40.43 0.83 0.00	38.46 0.64 0.00	37.82 0.63 0.00
DANSKAMMER__1 23586	40.05 1.65 0.00	39.26 1.47 0.00	37.64 1.41 0.00	37.14 1.36 0.00	37.39 1.47 0.00	39.04 1.35 0.00	47.05 2.24 0.00	49.71 2.46 0.00	50.37 2.53 0.00	50.33 2.53 0.00	50.51 2.50 0.00	48.67 2.49 0.00	46.23 2.37 0.00	45.45 2.29 0.00	44.35 2.27 0.00	45.41 2.57 0.00	47.66 2.70 0.00	54.67 3.24 0.00	58.67 3.37 0.00	52.25 2.96 0.00	47.17 2.63 0.00	41.65 2.06 0.00	39.59 1.78 0.00	38.90 1.71 0.00
DANSKAMMER__2 23589	40.05 1.65 0.00	39.26 1.47 0.00	37.64 1.41 0.00	37.14 1.36 0.00	37.39 1.47 0.00	39.04 1.35 0.00	47.05 2.24 0.00	49.71 2.46 0.00	50.37 2.53 0.00	50.33 2.53 0.00	50.51 2.50 0.00	48.67 2.49 0.00	46.23 2.37 0.00	45.45 2.29 0.00	44.35 2.27 0.00	45.41 2.57 0.00	47.66 2.70 0.00	54.67 3.24 0.00	58.67 3.37 0.00	52.25 2.96 0.00	47.17 2.63 0.00	41.65 2.06 0.00	39.59 1.78 0.00	38.90 1.71 0.00
DANSKAMMER__3 23590	40.05 1.65 0.00	39.26 1.47 0.00	37.64 1.41 0.00	37.14 1.36 0.00	37.39 1.47 0.00	39.04 1.35 0.00	47.05 2.24 0.00	49.71 2.46 0.00	50.37 2.53 0.00	50.33 2.53 0.00	50.51 2.50 0.00	48.67 2.49 0.00	46.23 2.37 0.00	45.45 2.29 0.00	44.35 2.27 0.00	45.41 2.57 0.00	47.66 2.70 0.00	54.67 3.24 0.00	58.67 3.37 0.00	52.25 2.96 0.00	47.17 2.63 0.00	41.65 2.06 0.00	39.59 1.78 0.00	38.90 1.71 0.00

DANSKAMMER___4 23591	40.05 1.65 0.00	39.26 1.47 0.00	37.64 1.41 0.00	37.14 1.36 0.00	37.39 1.47 0.00	39.04 1.35 0.00	47.05 2.24 0.00	49.71 2.46 0.00	50.37 2.53 0.00	50.33 2.53 0.00	50.51 2.50 0.00	48.67 2.49 0.00	46.23 2.37 0.00	45.45 2.29 0.00	44.35 2.27 0.00	45.41 2.57 0.00	47.66 2.70 0.00	54.67 3.24 0.00	58.67 3.37 0.00	52.25 2.96 0.00	47.17 2.63 0.00	41.65 2.06 0.00	39.59 1.78 0.00	38.90 1.71 0.00
DANSKAMMER___DIESEL 23592	40.05 1.65 0.00	39.26 1.47 0.00	37.64 1.41 0.00	37.14 1.36 0.00	37.39 1.47 0.00	39.04 1.36 0.00	47.06 2.24 0.00	49.71 2.46 0.00	50.37 2.54 0.00	50.33 2.53 0.00	50.51 2.50 0.00	48.68 2.49 0.00	46.23 2.37 0.00	45.53 2.37 0.00	44.36 2.27 0.00	45.41 2.57 0.00	47.66 2.70 0.00	54.67 3.24 0.00	58.67 3.37 0.00	52.25 2.96 0.00	47.17 2.63 0.00	41.65 2.06 0.00	39.59 1.78 0.00	38.89 1.71 0.00
DARBY___SOLAR 323810	40.74 2.34 0.00	40.02 2.23 0.00	38.41 2.17 0.00	37.89 2.11 0.00	38.18 2.26 0.00	39.99 2.30 0.00	48.04 3.23 0.00	50.66 3.40 0.00	51.37 3.54 0.00	51.29 3.49 0.00	51.42 3.41 0.00	49.41 3.23 0.00	46.93 3.07 0.00	46.23 3.06 0.00	44.98 2.90 0.00	45.89 3.04 0.00	48.29 3.33 0.00	55.34 3.91 0.00	59.39 4.09 0.00	52.89 3.60 0.00	47.80 3.25 0.00	42.37 2.77 0.00	40.27 2.46 0.00	39.57 2.38 0.00
DASHVILLE___HYD 23610	39.82 1.42 0.00	39.03 1.25 0.00	37.43 1.20 0.00	36.93 1.14 0.00	37.18 1.26 0.00	38.78 1.09 0.00	46.61 1.79 0.00	49.19 1.94 0.00	49.75 1.91 0.00	49.71 1.91 0.00	49.79 1.78 0.00	48.03 1.85 0.00	45.62 1.75 0.00	44.93 1.77 0.00	43.77 1.68 0.00	44.77 1.93 0.00	47.03 2.07 0.00	54.00 2.57 0.00	57.95 2.65 0.00	51.61 2.32 0.00	46.64 2.09 0.00	41.26 1.66 0.00	39.25 1.44 0.00	38.63 1.45 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.36 2.96 0.00	40.39 2.61 0.00	38.62 2.39 0.00	38.07 2.29 0.00	38.36 2.44 0.00	40.29 2.60 0.00	57.63 3.94 -8.87	62.26 4.49 -10.52	62.33 4.69 -9.81	53.86 4.06 -2.00	51.09 3.07 0.00	49.46 3.28 0.00	50.27 3.25 -3.16	50.23 3.19 -3.87	51.32 3.16 -6.09	51.59 3.47 -5.28	51.59 3.55 -3.07	59.77 4.83 -3.51	66.84 5.31 -6.23	53.24 3.94 0.00	48.15 3.61 0.00	42.13 2.53 0.00	39.78 1.97 0.00	40.38 3.20 0.00
DELAWARE___LFGE 323621	39.25 0.84 0.00	38.66 0.87 0.00	37.06 0.83 0.00	36.60 0.82 0.00	36.74 0.83 0.00	38.52 0.83 0.00	46.07 1.25 0.00	48.62 1.37 0.00	49.27 1.43 0.00	49.14 1.34 0.00	49.41 1.39 0.00	47.57 1.39 0.00	45.18 1.32 0.00	44.46 1.29 0.00	43.35 1.26 0.00	44.17 1.33 0.00	46.40 1.44 0.00	53.18 1.75 0.00	57.18 1.88 0.00	50.97 1.68 0.00	46.02 1.47 0.00	40.86 1.27 0.00	38.91 1.10 0.00	38.23 1.04 0.00
DERFIELD_115KV_TB7 355931	38.63 0.23 0.00	38.01 0.23 0.00	36.45 0.22 0.00	36.00 0.21 0.00	36.13 0.22 0.00	37.88 0.19 0.00	45.13 0.31 0.00	47.63 0.38 0.00	48.22 0.38 0.00	48.18 0.38 0.00	48.40 0.38 0.00	46.55 0.37 0.00	44.26 0.39 0.00	43.55 0.39 0.00	42.42 0.34 0.00	43.19 0.34 0.00	45.37 0.40 0.00	51.89 0.46 0.00	55.80 0.50 0.00	49.69 0.39 0.00	44.90 0.36 0.00	39.91 0.32 0.00	38.12 0.30 0.00	37.44 0.26 0.00
DOGLEVILLE___HYD 23807	38.02 -0.38 0.00	37.56 -0.23 0.00	36.16 -0.07 0.00	35.78 0.00 0.00	35.92 0.00 0.00	37.65 -0.04 0.00	44.90 0.09 0.00	47.35 0.09 0.00	47.88 0.05 0.00	47.80 0.00 0.00	48.01 0.00 0.00	46.14 -0.05 0.00	43.69 -0.17 0.00	42.86 -0.30 0.00	41.53 -0.55 0.00	42.24 -0.60 0.00	44.29 -0.67 0.00	50.66 -0.77 0.00	54.41 -0.89 0.00	48.50 -0.79 0.00	43.83 -0.71 0.00	38.96 -0.64 0.00	37.14 -0.68 0.00	36.48 -0.71 0.00
DUNKIRK___115KV_TB_200 55889	36.67 -1.73 0.00	36.35 -1.44 0.00	34.78 -1.45 0.00	34.24 -1.54 0.00	34.19 -1.72 0.00	36.56 -1.13 0.00	42.71 -2.11 0.00	44.84 -2.41 0.00	45.49 -2.34 0.00	44.60 -3.20 0.00	45.04 -2.98 0.00	43.13 -3.05 0.00	40.70 -3.16 0.00	40.27 -2.89 0.00	39.85 -2.23 0.00	40.36 -2.48 0.00	42.35 -2.61 0.00	48.34 -3.09 0.00	53.14 -2.16 0.00	47.32 -1.97 0.00	42.63 -1.92 0.00	38.37 -1.23 0.00	36.46 -1.36 0.00	36.22 -0.97 0.00
DUNKIRK___1 23563	36.67 -1.73 0.00	36.35 -1.44 0.00	34.78 -1.45 0.00	34.24 -1.54 0.00	34.19 -1.72 0.00	36.56 -1.13 0.00	42.71 -2.11 0.00	44.84 -2.41 0.00	45.49 -2.34 0.00	44.60 -3.20 0.00	45.04 -2.98 0.00	43.13 -3.05 0.00	40.70 -3.16 0.00	40.27 -2.89 0.00	39.85 -2.23 0.00	40.36 -2.48 0.00	42.35 -2.61 0.00	48.34 -3.09 0.00	53.14 -2.16 0.00	47.32 -1.97 0.00	42.63 -1.92 0.00	38.37 -1.23 0.00	36.46 -1.36 0.00	36.22 -0.97 0.00
DUNKIRK___2 23564	36.67 -1.73 0.00	36.35 -1.44 0.00	34.78 -1.45 0.00	34.24 -1.54 0.00	34.19 -1.72 0.00	36.56 -1.13 0.00	42.71 -2.11 0.00	44.84 -2.41 0.00	45.49 -2.34 0.00	44.60 -3.20 0.00	45.04 -2.98 0.00	43.13 -3.05 0.00	40.70 -3.16 0.00	40.27 -2.89 0.00	39.85 -2.23 0.00	40.36 -2.48 0.00	42.35 -2.61 0.00	48.34 -3.09 0.00	53.14 -2.16 0.00	47.32 -1.97 0.00	42.63 -1.92 0.00	38.37 -1.23 0.00	36.46 -1.36 0.00	36.22 -0.97 0.00
DUNKIRK___3 23565	36.56 -1.84 0.00	36.24 -1.55 0.00	34.67 -1.56 0.00	34.13 -1.65 0.00	34.12 -1.80 0.00	36.44 -1.24 0.00	42.57 -2.24 0.00	44.70 -2.55 0.00	45.35 -2.49 0.00	44.65 -3.15 0.00	45.08 -2.93 0.00	43.13 -3.05 0.00	40.75 -3.11 0.00	40.27 -2.89 0.00	39.89 -2.19 0.00	40.32 -2.53 0.00	42.31 -2.65 0.00	48.24 -3.19 0.00	52.92 -2.38 0.00	47.17 -2.12 0.00	42.54 -2.00 0.00	38.29 -1.31 0.00	36.42 -1.40 0.00	36.18 -1.00 0.00
DUNKIRK___4 23566	36.56 -1.84 0.00	36.24 -1.55 0.00	34.67 -1.56 0.00	34.13 -1.65 0.00	34.12 -1.80 0.00	36.44 -1.24 0.00	42.57 -2.24 0.00	44.70 -2.55 0.00	45.35 -2.49 0.00	44.65 -3.15 0.00	45.08 -2.93 0.00	43.13 -3.05 0.00	40.75 -3.11 0.00	40.27 -2.89 0.00	39.89 -2.19 0.00	40.32 -2.53 0.00	42.31 -2.65 0.00	48.24 -3.19 0.00	52.92 -2.38 0.00	47.17 -2.12 0.00	42.54 -2.00 0.00	38.29 -1.31 0.00	36.42 -1.40 0.00	36.18 -1.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.98 1.57 0.00	39.07 1.28 0.00	37.54 1.30 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.97 1.28 0.00	46.92 2.11 0.00	49.76 2.50 0.00	50.51 2.68 0.00	50.57 2.77 0.00	50.65 2.64 0.00	48.86 2.68 0.00	46.49 2.63 0.00	45.79 2.63 0.00	44.61 2.52 0.00	45.63 2.78 0.00	47.93 2.97 0.00	54.88 3.45 0.00	58.89 3.59 0.00	52.50 3.20 0.00	47.40 2.85 0.00	41.85 2.26 0.00	39.78 1.97 0.00	39.01 1.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.75 1.34 0.00	38.96 1.17 0.00	37.35 1.12 0.00	36.85 1.07 0.00	37.10 1.19 0.00	38.78 1.09 0.00	46.65 1.84 0.00	49.28 2.03 0.00	49.98 2.15 0.00	49.95 2.15 0.00	50.08 2.06 0.00	48.26 2.08 0.00	45.88 2.02 0.00	45.19 2.03 0.00	44.02 1.94 0.00	45.03 2.19 0.00	47.25 2.29 0.00	54.21 2.78 0.00	58.18 2.88 0.00	51.86 2.56 0.00	46.82 2.27 0.00	41.38 1.78 0.00	39.33 1.51 0.00	38.63 1.45 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.17 1.77 0.00	39.15 1.36 0.00	37.79 1.56 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.01 1.32 0.00	46.83 2.02 0.00	49.76 2.50 0.00	50.51 2.68 0.00	50.62 2.82 0.00	50.70 2.69 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.93 3.50 0.00	58.89 3.59 0.00	52.50 3.20 0.00	47.44 2.90 0.00	41.85 2.26 0.00	39.94 2.12 -0.01	39.20 2.01 -0.01
E179THST_13_KV_LOAD 356214	40.32 1.92 0.00	39.30 1.51 0.00	37.90 1.67 0.00	37.43 1.65 -0.01	37.69 1.76 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.99 2.74 0.00	50.75 2.92 0.00	50.86 3.06 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.90 2.82 0.00	45.97 3.13 0.00	48.24 3.28 0.00	55.18 3.75 0.00	59.23 3.93 0.00	52.74 3.45 0.00	47.66 3.12 0.00	42.05 2.45 0.00	40.09 2.27 -0.01	39.35 2.16 -0.01
EAST HAMPTON___GT 23717	40.97 2.57 0.00	40.02 2.23 0.00	38.26 2.03 0.00	37.71 1.93 0.00	38.00 2.08 0.00	39.95 2.26 0.00	57.28 3.59 -8.87	61.83 4.06 -10.52	61.99 4.35 -9.81	53.53 3.73 -2.00	50.46 2.45 0.00	48.91 2.72 0.00	49.70 2.68 -3.16	49.58 2.55 -3.87	50.82 2.65 -6.09	51.03 2.91 -5.28	50.95 2.92 -3.07	59.10 4.16 -3.51	66.06 4.54 -6.23	52.49 3.20 0.00	47.44 2.89 0.00	41.49 1.90 0.00	39.18 1.36 0.00	40.01 2.82 0.00
EAST RIVER___6 23660	39.98 1.58 0.00	39.03 1.25 0.00	37.50 1.27 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.97 1.28 0.00	46.92 2.11 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.63 2.76 0.00	45.84 2.68 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.85 2.26 0.00	39.86 2.04 0.00	39.08 1.90 0.00
EAST RIVER___7 23524	39.98 1.58 0.00	39.03 1.25 0.00	37.50 1.27 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.97 1.28 0.00	46.92 2.11 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.63 2.76 0.00	45.84 2.68 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.85 2.26 0.00	39.86 2.04 0.00	39.08 1.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.90 1.50 0.00	39.03 1.25 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.25 1.33 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.66 2.41 0.00	50.42 2.58 0.00	50.48 2.68 0.00	50.56 2.54 0.00	48.77 2.59 0.00	46.41 2.54 0.00	45.71 2.55 0.00	44.48 2.40 0.00	45.54 2.70 0.00	47.79 2.83 0.00	54.72 3.29 0.00	58.78 3.48 0.00	52.35 3.06 0.00	47.26 2.72 0.00	41.73 2.14 0.00	39.71 1.89 0.00	38.93 1.75 0.00
EAST_HAMPTON___DIESEL 23722	40.90 2.49 0.00	39.94 2.15 0.00	38.19 1.96 0.00	37.64 1.86 0.00	37.93 2.01 0.00	39.87 2.19 0.00	57.19 3.50 -8.87	61.74 3.97 -10.52	61.89 4.26 -9.81	53.43 3.63 -2.00	50.37 2.35 0.00	48.77 2.58 0.00	49.57 2.54 -3.16	49.49 2.46 -3.87	50.69 2.52 -6.09	50.95 2.83 -5.28	50.82 2.79 -3.07	58.95 4.01 -3.51	65.95 4.43 -6.23	52.35 3.06 0.00	47.31 2.76 0.00	41.38 1.78 0.00	39.06 1.25 0.00	39.94 2.75 0.00
EAST_POINT___SOLAR 323840	41.28 2.88 0.00	40.62 2.84 0.00	38.91 2.68 0.00	38.47 2.68 0.00	38.76 2.84 0.00	40.40 2.72 0.00	48.62 3.81 0.00	51.32 4.06 0.00	51.18 3.35 0.00	50.52 2.72 0.00	50.60 2.59 0.00	48.81 2.63 0.00	46.18 2.32 0.00	45.58 2.42 0.00	44.40 2.31 0.00	45.16 2.31 0.00	48.33 3.37 0.00	55.75 4.32 0.00	60.11 4.81 0.00	53.63 4.34 0.00	48.47 3.92 0.00	43.08 3.49 0.00	40.88 3.06 0.00	40.01 2.82 0.00
EAST_PULASKI___ESR 323781	38.44 0.04 0.00	37.90 0.11 0.00	36.23 0.00 0.00	35.85 0.07 0.00	35.92 0.00 0.00	37.84 0.15 0.00	44.95 0.13 0.00	47.35 0.09 0.00	47.83 0.00 0.00	47.85 0.05 0.00	48.21 0.19 0.00	46.32 0.14 0.00	43.86 0.00 0.00	43.16 0.00 0.00	42.08 0.00 0.00	42.72 -0.13 0.00	44.83 -0.13 0.00	51.38 -0.05 0.00	55.58 0.28 0.00	49.74 0.44 0.00	44.90 0.35 0.00	39.99 0.40 0.00	38.16 0.34 0.00	37.48 0.30 0.00
EAST_RIVER___1 323558	40.01 1.61 0.00	39.07 1.29 0.00	37.53 1.30 0.00	37.11 1.32 0.00	37.32 1.40 0.00	38.97 1.28 0.00	46.92 2.11 0.00	49.85 2.11 0.00	50.61 2.77 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.63 2.76 0.00	45.84 2.68 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.86 2.04 0.00	39.12 1.93 0.00
EAST_RIVER___2 323559	39.98 1.58 0.00	39.03 1.25 0.00	37.50 1.27 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.97 1.28 0.00	46.92 2.11 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.63 2.76 0.00	45.84 2.68 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.85 2.26 0.00	39.86 2.04 0.00	39.08 1.90 0.00
EAST___DELAWARE_HYD 23607	40.01 1.61 0.00	39.26 1.47 0.00	37.61 1.38 0.00	37.07 1.29 0.00	37.36 1.44 0.00	38.97 1.28 0.00	46.97 2.15 0.00	49.57 2.31 0.00	50.13 2.30 0.00	50.05 2.25 0.00	50.22 2.21 0.00	48.35 2.17 0.00	45.84 1.98 0.00	45.06 1.90 0.00	43.98 1.90 0.00	45.03 2.18 0.00	47.30 2.34 0.00	54.41 2.98 0.00	58.28 2.98 0.00	52.00 2.71 0.00	46.91 2.36 0.00	41.42 1.82 0.00	39.37 1.55 0.00	38.71 1.53 0.00
EIGHT_POINT___WT_PWR 323820	36.06 -2.34 0.00	35.75 -2.04 0.00	34.09 -2.14 0.00	33.67 -2.11 0.00	33.69 -2.23 0.00	35.65 -2.04 0.00	42.04 -2.78 0.00	43.66 -3.59 0.00	44.34 -3.49 0.00	44.07 -3.73 0.00	44.27 -3.75 0.00	42.30 -3.88 0.00	39.87 -3.99 0.00	39.54 -3.63 0.00	38.80 -3.28 0.00	39.59 -3.26 0.00	41.63 -3.33 0.00	47.73 -3.70 0.00	52.54 -2.76 0.00	47.27 -2.02 0.00	42.72 -1.83 0.00	38.21 -1.39 0.00	36.60 -1.21 0.00	36.48 -0.71 0.00
ELBRIDGE_115KV_TB2 80188	37.60 -0.81 0.00	37.07 -0.72 0.00	35.47 -0.76 0.00	35.03 -0.75 0.00	35.16 -0.75 0.00	37.01 -0.68 0.00	43.87 -0.94 0.00	46.21 -1.04 0.00	46.83 -1.00 0.00	46.80 -1.00 0.00	47.00 -1.01 0.00	45.17 -1.02 0.00	42.85 -1.01 0.00	42.17 -0.99 0.00	41.28 -0.80 0.00	41.99 -0.86 0.00	44.06 -0.90 0.00	50.40 -1.03 0.00	54.42 -0.88 0.00	48.45 -0.84 0.00	43.79 -0.76 0.00	39.00 -0.59 0.00	37.40 -0.42 0.00	36.78 -0.41 0.00
ELEC_TRO_TEK 24086	40.48 2.07 0.00	39.53 1.74 0.00	37.90 1.67 0.00	37.39 1.61 0.00	37.64 1.72 0.00	39.42 1.73 0.00	56.38 2.69 -8.87	60.89 3.12 -10.52	60.89 3.25 -9.81	53.19 3.39 -2.00	51.13 3.12 0.00	49.46 3.28 0.00	50.23 3.20 -3.16	50.23 3.19 -3.87	51.24 3.07 -6.09	51.46 3.34 -5.28	51.54 3.51 -3.07	59.00 4.06 -3.51	65.84 4.31 -6.23	53.04 3.75 0.00	47.93 3.39 0.00	42.29 2.69 0.00	40.09 2.27 0.00	39.49 2.31 0.00

ELLENBURG_WT_PWR 323604	38.98 0.58 0.00	38.36 0.57 0.00	36.78 0.54 0.00	36.28 0.50 0.00	36.31 0.40 0.00	38.22 0.53 0.00	45.22 0.40 0.00	47.68 0.42 0.00	47.98 0.14 0.00	47.99 0.19 0.00	48.21 0.19 0.00	46.23 0.05 0.00	43.86 0.00 0.00	42.99 -0.17 0.00	41.66 -0.42 0.00	42.03 -0.82 0.00	43.88 -1.08 0.00	49.94 -1.49 0.00	53.53 -1.77 0.00	47.76 -1.53 0.00	43.21 -1.34 0.00	38.37 -1.23 0.00	36.53 -1.29 0.00	36.03 -1.15 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.14 -2.27 0.00	35.82 -1.96 0.00	34.27 -1.96 0.00	33.71 -2.08 0.00	33.73 -2.19 0.00	35.99 -1.70 0.00	41.95 -2.87 0.00	44.09 -3.17 0.00	44.72 -3.11 0.00	44.26 -3.54 0.00	44.75 -3.26 0.00	42.81 -3.37 0.00	40.44 -3.42 0.00	40.01 -3.15 0.00	39.64 -2.44 0.00	39.97 -2.87 0.00	41.86 -3.10 0.00	47.62 -3.81 0.00	52.15 -3.15 0.00	46.48 -2.81 0.00	42.01 -2.54 0.00	37.89 -1.70 0.00	36.08 -1.74 0.00	35.85 -1.34 0.00
EMPIRE_CC_1 323656	39.52 1.11 0.00	38.77 0.98 0.00	37.21 0.98 0.00	36.75 0.97 0.00	36.96 1.04 0.00	38.67 0.98 0.00	46.34 1.52 0.00	48.76 1.51 0.00	49.41 1.58 0.00	49.38 1.58 0.00	49.50 1.49 0.00	47.66 1.48 0.00	45.31 1.45 0.00	44.58 1.42 0.00	43.47 1.39 0.00	44.34 1.50 0.00	46.53 1.57 0.00	53.33 1.90 0.00	57.23 1.93 0.00	50.92 1.62 0.00	46.06 1.52 0.00	40.94 1.35 0.00	39.03 1.21 0.00	38.37 1.19 0.00
EMPIRE_CC_2 323658	39.52 1.11 0.00	38.77 0.98 0.00	37.21 0.98 0.00	36.75 0.97 0.00	36.96 1.04 0.00	38.67 0.98 0.00	46.34 1.52 0.00	48.76 1.51 0.00	49.41 1.58 0.00	49.38 1.58 0.00	49.50 1.49 0.00	47.66 1.48 0.00	45.31 1.45 0.00	44.58 1.42 0.00	43.47 1.39 0.00	44.34 1.50 0.00	46.53 1.57 0.00	53.33 1.90 0.00	57.23 1.93 0.00	50.92 1.62 0.00	46.06 1.52 0.00	40.94 1.35 0.00	39.03 1.21 0.00	38.37 1.19 0.00
ENORWICH_115KV_TB1 80156	40.17 1.77 0.00	39.68 1.89 0.00	37.86 1.63 0.00	37.53 1.75 0.00	37.53 1.62 0.00	39.72 2.04 0.00	47.55 2.73 0.00	50.13 2.88 0.00	50.46 2.63 0.00	50.00 2.20 0.00	50.37 2.35 0.00	48.26 2.08 0.00	45.79 1.93 0.00	45.10 1.94 0.00	44.10 2.02 0.00	44.94 2.10 0.00	47.43 2.47 0.00	54.57 3.14 0.00	59.06 3.76 0.00	52.84 3.55 0.00	47.53 2.98 0.00	42.37 2.77 0.00	40.20 2.38 0.00	39.45 2.27 0.00
ERIE_ST__34_KV_TB1-2 80199	36.87 -1.54 0.00	36.50 -1.28 0.00	34.93 -1.30 0.00	34.39 -1.40 0.00	34.37 -1.54 0.00	36.67 -1.02 0.00	42.84 -1.97 0.00	45.03 -2.22 0.00	45.73 -2.10 0.00	45.22 -2.58 0.00	45.66 -2.35 0.00	43.73 -2.45 0.00	41.32 -2.54 0.00	40.87 -2.29 0.00	40.44 -1.64 0.00	40.83 -2.01 0.00	42.80 -2.16 0.00	48.76 -2.67 0.00	53.42 -1.88 0.00	47.62 -1.68 0.00	42.94 -1.60 0.00	38.68 -0.91 0.00	36.80 -1.02 0.00	36.51 -0.67 0.00
ERIE_WT_PWR 323693	36.48 -1.92 0.00	36.16 -1.62 0.00	34.57 -1.67 0.00	34.03 -1.75 0.00	33.98 -1.94 0.00	36.29 -1.39 0.00	42.35 -2.46 0.00	44.46 -2.79 0.00	45.11 -2.72 0.00	44.60 -3.20 0.00	45.13 -2.88 0.00	43.18 -3.00 0.00	40.79 -3.07 0.00	40.74 -2.42 0.00	39.98 -2.10 0.00	40.32 -2.53 0.00	42.26 -2.70 0.00	48.09 -3.34 0.00	52.70 -2.60 0.00	46.98 -2.32 0.00	42.36 -2.18 0.00	38.25 -1.35 0.00	36.38 -1.44 0.00	36.10 -1.08 0.00
ESPRGFLD_115KV_TB1 80157	40.13 1.73 0.00	39.53 1.74 0.00	37.83 1.59 0.00	37.43 1.65 0.00	37.61 1.69 0.00	39.31 1.62 0.00	47.19 2.38 0.00	49.80 2.55 0.00	50.22 2.39 0.00	49.90 2.10 0.00	50.17 2.16 0.00	48.44 2.26 0.00	45.92 2.06 0.00	45.23 2.07 0.00	44.10 2.02 0.00	44.81 1.97 0.00	47.30 2.34 0.00	54.31 2.88 0.00	58.51 3.21 0.00	52.20 2.91 0.00	47.09 2.54 0.00	41.93 2.34 0.00	39.78 1.97 0.00	39.01 1.82 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.56 0.15 0.00	38.01 0.23 0.00	36.38 0.14 0.00	35.92 0.14 0.00	36.06 0.14 0.00	37.99 0.30 0.00	45.22 0.40 0.00	47.63 0.38 0.00	48.22 0.38 0.00	48.04 0.24 0.00	48.30 0.29 0.00	46.37 0.18 0.00	43.95 0.09 0.00	43.25 0.09 0.00	42.34 0.25 0.00	43.10 0.26 0.00	45.28 0.31 0.00	51.89 0.46 0.00	56.13 0.83 0.00	50.08 0.79 0.00	45.17 0.62 0.00	40.23 0.63 0.00	38.38 0.57 0.00	37.74 0.56 0.00
ETNA____115KV_TB2 80207	38.56 0.15 0.00	38.01 0.23 0.00	36.38 0.14 0.00	35.92 0.14 0.00	36.06 0.14 0.00	37.99 0.30 0.00	45.22 0.40 0.00	47.63 0.38 0.00	48.22 0.38 0.00	48.04 0.24 0.00	48.30 0.29 0.00	46.37 0.18 0.00	43.95 0.09 0.00	43.25 0.09 0.00	42.34 0.25 0.00	43.10 0.26 0.00	45.28 0.31 0.00	51.89 0.46 0.00	56.13 0.83 0.00	50.08 0.79 0.00	45.17 0.62 0.00	40.23 0.63 0.00	38.38 0.57 0.00	37.74 0.56 0.00
EUCLID__115KV_TB2 356179	37.36 -1.04 0.00	36.84 -0.94 0.00	35.29 -0.94 0.00	34.85 -0.93 0.00	34.98 -0.93 0.00	36.78 -0.90 0.00	43.56 -1.25 0.00	45.88 -1.37 0.00	46.54 -1.29 0.00	46.51 -1.29 0.00	46.76 -1.25 0.00	44.93 -1.25 0.00	42.63 -1.23 0.00	41.95 -1.21 0.00	41.07 -1.01 0.00	41.77 -1.07 0.00	43.79 -1.17 0.00	50.09 -1.34 0.00	54.03 -1.27 0.00	48.16 -1.13 0.00	43.48 -1.07 0.00	38.76 -0.83 0.00	37.21 -0.61 0.00	36.59 -0.59 0.00
E_CANADA_CAP_HY 24051	40.86 2.46 0.00	40.21 2.42 0.00	38.52 2.28 0.00	38.07 2.29 0.00	38.33 2.41 0.00	39.84 2.15 0.00	47.90 3.09 0.00	50.51 3.26 0.00	50.75 2.92 0.00	50.28 2.48 0.00	50.46 2.45 0.00	48.91 2.72 0.00	46.36 2.50 0.00	45.71 2.55 0.00	44.56 2.48 0.00	45.07 2.23 0.00	47.80 2.83 0.00	54.98 3.55 0.00	59.28 3.98 0.00	52.89 3.60 0.00	47.80 3.25 0.00	42.64 3.05 0.00	40.46 2.65 0.00	39.64 2.45 0.00
E_CANADA_MHWK_HY 24050	38.02 -0.38 0.00	37.56 -0.23 0.00	36.16 -0.07 0.00	35.78 0.00 0.00	35.92 0.00 0.00	37.65 -0.04 0.00	44.90 0.09 0.00	47.35 0.09 0.00	47.88 0.05 0.00	47.80 0.00 0.00	48.01 0.00 0.00	46.14 -0.05 0.00	43.69 -0.17 0.00	42.86 -0.30 0.00	41.53 -0.55 0.00	42.24 -0.60 0.00	44.29 -0.67 0.00	50.66 -0.77 0.00	54.41 -0.89 0.00	48.50 -0.79 0.00	43.83 -0.71 0.00	38.96 -0.64 0.00	37.14 -0.68 0.00	36.48 -0.71 0.00
E_FISHKILL__LBMP 23776	39.71 1.31 0.00	38.88 1.10 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.10 1.19 0.00	38.78 1.09 0.00	46.61 1.79 0.00	49.33 2.08 0.00	50.03 2.20 0.00	50.09 2.29 0.00	50.17 2.16 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.32 2.16 0.00	44.14 2.06 0.00	45.11 2.27 0.00	47.34 2.38 0.00	54.26 2.83 0.00	58.23 2.93 0.00	51.86 2.56 0.00	46.86 2.32 0.00	41.46 1.86 0.00	39.40 1.59 0.00	38.71 1.52 0.00
FALCON__SEABRD_CC1 323796	39.71 1.31 0.00	39.07 1.29 0.00	37.43 1.19 0.00	36.93 1.14 0.00	36.92 1.00 0.00	38.97 1.28 0.00	46.07 1.25 0.00	48.57 1.32 0.00	48.79 0.96 0.00	48.81 1.01 0.00	48.88 0.87 0.00	46.83 0.65 0.00	44.30 0.44 0.00	43.29 0.13 0.00	41.87 -0.21 0.00	42.07 -0.77 0.00	43.79 -1.17 0.00	49.73 -1.70 0.00	53.31 -1.99 0.00	47.52 -1.77 0.00	42.99 -1.56 0.00	38.09 -1.50 0.00	36.19 -1.63 0.00	35.70 -1.49 0.00

FALCON___SEABRD_CC2 323797	39.71 1.31 0.00	39.07 1.29 0.00	37.43 1.19 0.00	36.93 1.14 0.00	36.92 1.00 0.00	38.97 1.28 0.00	46.07 1.25 0.00	48.57 1.32 0.00	48.79 0.96 0.00	48.81 1.01 0.00	48.88 0.87 0.00	46.83 0.65 0.00	44.30 0.44 0.00	43.29 0.13 0.00	41.87 -0.21 0.00	42.07 -0.77 0.00	43.79 -1.17 0.00	49.73 -1.70 0.00	53.31 -1.99 0.00	47.52 -1.77 0.00	42.99 -1.56 0.00	38.09 -1.50 0.00	36.19 -1.63 0.00	35.70 -1.49 0.00
FAR ROCKAWAY___4 23548	40.90 2.50 0.00	39.94 2.15 0.00	38.30 2.07 0.00	37.78 2.00 0.00	38.00 2.08 0.00	39.84 2.15 0.00	56.87 3.18 -8.87	61.41 3.64 -10.52	61.47 3.83 -9.81	53.72 3.92 -2.00	51.76 3.75 0.00	50.11 3.93 0.00	50.84 3.82 -3.16	50.83 3.80 -3.87	51.83 3.66 -6.09	52.06 3.94 -5.28	52.17 4.14 -3.07	59.72 4.78 -3.51	66.62 5.09 -6.23	53.73 4.44 0.00	48.51 3.96 0.00	42.80 3.21 0.00	40.58 2.76 0.00	39.94 2.75 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.72 2.92 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.62 2.76 0.00	45.97 2.81 0.00	44.73 2.65 0.00	45.76 2.91 0.00	48.06 3.10 0.00	55.03 3.60 0.00	59.06 3.76 0.00	52.60 3.30 0.00	47.53 2.98 0.00	41.93 2.34 0.00	39.90 2.08 0.00	39.15 1.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.72 2.92 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.73 2.65 0.00	45.76 2.91 0.00	48.06 3.10 0.00	55.03 3.60 0.00	59.06 3.76 0.00	52.64 3.35 0.00	47.53 2.98 0.00	41.93 2.34 0.00	39.90 2.08 0.00	39.15 1.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.01 1.61 0.00	39.07 1.28 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.72 2.92 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.73 2.65 0.00	45.76 2.91 0.00	48.06 3.10 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.90 2.08 0.00	39.12 1.93 0.00
FARRAGUT___LBMP 323566	39.98 1.57 0.00	39.03 1.25 0.00	37.54 1.30 0.00	37.07 1.29 0.00	37.32 1.40 0.00	38.97 1.28 0.00	46.92 2.11 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.62 2.82 0.00	50.70 2.69 0.00	48.95 2.77 0.00	46.58 2.72 0.00	45.88 2.72 0.00	44.65 2.57 0.00	45.71 2.87 0.00	47.97 3.01 0.00	54.93 3.50 0.00	58.95 3.65 0.00	52.55 3.25 0.00	47.44 2.90 0.00	41.85 2.26 0.00	39.86 2.04 0.00	39.08 1.90 0.00
FENNER___WINDPWR 24204	38.94 0.54 0.00	38.36 0.57 0.00	36.74 0.51 0.00	36.32 0.54 0.00	36.38 0.47 0.00	38.29 0.60 0.00	45.62 0.81 0.00	48.10 0.85 0.00	48.64 0.81 0.00	48.56 0.76 0.00	48.88 0.87 0.00	47.01 0.83 0.00	44.61 0.74 0.00	43.94 0.78 0.00	42.80 0.71 0.00	43.57 0.73 0.00	45.72 0.76 0.00	52.40 0.97 0.00	56.46 1.16 0.00	50.33 1.04 0.00	45.44 0.89 0.00	40.43 0.83 0.00	38.57 0.76 0.00	37.89 0.70 0.00
FIBERTEK___ENERGY 23856	37.94 -0.46 0.00	37.41 -0.38 0.00	35.80 -0.43 0.00	35.35 -0.43 0.00	35.49 -0.43 0.00	37.31 -0.38 0.00	44.28 -0.54 0.00	46.64 -0.61 0.00	47.31 -0.53 0.00	47.27 -0.53 0.00	47.58 -0.43 0.00	45.72 -0.46 0.00	43.34 -0.53 0.00	42.64 -0.52 0.00	41.70 -0.38 0.00	42.42 -0.43 0.00	44.51 -0.45 0.00	50.92 -0.51 0.00	54.91 -0.39 0.00	48.95 -0.35 0.00	44.19 -0.36 0.00	39.40 -0.20 0.00	37.74 -0.08 0.00	37.07 -0.11 0.00
FITZPATRICK____ 23598	36.98 -1.42 0.00	36.43 -1.36 0.00	34.93 -1.30 0.00	34.49 -1.29 0.00	34.59 -1.33 0.00	36.37 -1.32 0.00	43.02 -1.79 0.00	45.31 -1.94 0.00	45.87 -1.96 0.00	45.84 -1.96 0.00	46.09 -1.92 0.00	44.29 -1.90 0.00	42.06 -1.80 0.00	41.43 -1.73 0.00	40.44 -1.64 0.00	41.13 -1.72 0.00	43.16 -1.80 0.00	49.37 -2.06 0.00	53.20 -2.10 0.00	47.42 -1.87 0.00	42.85 -1.69 0.00	38.21 -1.39 0.00	36.72 -1.10 0.00	36.10 -1.08 0.00
FLOWRFLD_69_KV_BK1 356044	41.28 2.88 0.00	40.32 2.53 0.00	38.55 2.32 0.00	38.03 2.25 0.00	38.29 2.37 0.00	40.21 2.53 0.00	57.45 3.76 -8.87	61.97 4.21 -10.52	61.99 4.35 -9.81	53.96 4.16 -2.00	51.52 3.50 0.00	49.97 3.79 0.00	50.75 3.73 -3.16	50.74 3.71 -3.87	51.75 3.58 -6.09	52.02 3.90 -5.28	52.17 4.14 -3.07	59.98 5.04 -3.51	67.00 5.47 -6.23	53.73 4.44 0.00	48.73 4.19 0.00	42.80 3.21 0.00	40.39 2.57 0.00	40.34 3.16 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.13 1.73 0.00	39.34 1.55 0.00	37.72 1.49 0.00	37.21 1.43 0.00	37.46 1.54 0.00	39.12 1.43 0.00	47.14 2.33 0.00	49.80 2.55 0.00	50.46 2.63 0.00	50.43 2.63 0.00	50.61 2.59 0.00	48.77 2.59 0.00	46.32 2.46 0.00	45.62 2.46 0.00	44.44 2.36 0.00	45.50 2.66 0.00	47.75 2.79 0.00	54.77 3.34 0.00	58.78 3.48 0.00	52.35 3.06 0.00	47.26 2.72 0.00	41.73 2.14 0.00	39.67 1.85 0.00	38.93 1.75 0.00
FORT ORANGE____ 23900	39.90 1.50 0.00	39.19 1.40 0.00	37.61 1.38 0.00	37.11 1.32 0.00	37.32 1.40 0.00	39.04 1.35 0.00	46.78 1.97 0.00	49.28 2.03 0.00	49.89 2.06 0.00	49.81 2.01 0.00	49.98 1.97 0.00	48.03 1.85 0.00	45.66 1.80 0.00	44.93 1.77 0.00	43.85 1.77 0.00	44.73 1.88 0.00	46.99 2.03 0.00	53.85 2.42 0.00	57.90 2.60 0.00	51.56 2.27 0.00	46.60 2.05 0.00	41.33 1.74 0.00	39.37 1.55 0.00	38.71 1.53 0.00
FORT_DRUM_COGEN 23780	39.98 1.57 0.00	39.41 1.62 0.00	37.61 1.38 0.00	37.28 1.50 0.00	37.18 1.26 0.00	39.16 1.47 0.00	46.65 1.84 0.00	49.14 1.89 0.00	49.27 1.43 0.00	49.23 1.43 0.00	49.93 1.92 0.00	48.03 1.85 0.00	45.53 1.67 0.00	44.67 1.51 0.00	43.30 1.22 0.00	43.74 0.90 0.00	45.77 0.81 0.00	52.61 1.18 0.00	57.13 1.82 0.00	51.36 2.07 0.00	46.33 1.78 0.00	41.34 1.74 0.00	39.18 1.36 0.00	38.56 1.38 0.00
FOX_HILLS___ESR 323835	56.19 2.00 -15.80	54.69 1.70 -15.21	54.69 1.78 -16.68	54.65 1.75 -17.12	54.69 1.87 -16.90	54.69 1.70 -15.31	56.22 2.46 -8.94	58.82 2.98 -8.59	58.82 3.11 -7.88	59.56 3.20 -8.56	58.87 3.07 -7.78	58.86 3.14 -9.53	59.08 3.11 -12.11	59.16 3.11 -12.89	59.07 2.99 -14.00	59.58 3.26 -13.48	60.57 3.42 -12.19	61.41 3.91 -6.07	64.79 4.04 -5.46	61.40 3.60 -8.50	60.57 3.25 -12.77	59.52 2.61 -17.31	57.53 2.42 -17.29	55.39 2.34 -15.86
FPL FAR_ROCK_GT1 24212	40.90 2.49 0.00	39.94 2.15 0.00	38.26 2.03 0.00	37.78 2.00 0.00	38.00 2.08 0.00	39.84 2.15 0.00	56.87 3.18 -8.87	61.41 3.64 -10.52	61.47 3.83 -9.81	53.72 3.92 -2.00	51.76 3.75 0.00	50.11 3.92 0.00	50.80 3.77 -3.16	50.74 3.71 -3.87	51.83 3.66 -6.09	52.06 3.94 -5.28	52.17 4.13 -3.07	59.72 4.78 -3.51	66.61 5.08 -6.23	53.73 4.44 0.00	48.51 3.96 0.00	42.80 3.21 0.00	40.58 2.76 0.00	39.94 2.75 0.00

FPL FAR_ROCK_GT2 23815	40.90 2.49 0.00	39.94 2.15 0.00	38.26 2.03 0.00	37.78 2.00 0.00	38.00 2.08 0.00	39.84 2.15 0.00	56.87 3.18 -8.87	61.41 3.64 -10.52	61.47 3.83 -9.81	53.72 3.92 -2.00	51.76 3.75 0.00	50.11 3.92 0.00	50.80 3.77 -3.16	50.74 3.71 -3.87	51.83 3.66 -6.09	52.06 3.94 -5.28	52.17 4.13 -3.07	59.72 4.78 -3.51	66.61 5.08 -6.23	53.73 4.44 0.00	48.51 3.96 0.00	42.80 3.21 0.00	40.58 2.76 0.00	39.94 2.75 0.00
FRANKLIN_FALL_HYD 24054	40.36 1.96 0.00	39.71 1.93 0.00	38.01 1.78 0.00	37.57 1.79 0.00	37.43 1.51 0.00	39.38 1.70 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.17 1.34 0.00	49.38 1.58 0.00	49.93 1.92 0.00	48.03 1.85 0.00	45.48 1.62 0.00	44.54 1.38 0.00	43.09 1.01 0.00	43.27 0.43 0.00	45.14 0.18 0.00	51.38 -0.05 0.00	55.24 -0.06 0.00	49.44 0.15 0.00	44.72 0.18 0.00	39.75 0.16 0.00	37.78 -0.04 0.00	37.44 0.26 0.00
FREEPORT_EQUS_GT1 23764	40.74 2.34 0.00	39.79 2.00 0.00	38.11 1.88 0.00	37.60 1.82 0.00	37.86 1.94 0.00	39.68 2.00 0.00	56.69 3.00 -8.87	61.17 3.40 -10.52	61.18 3.54 -9.81	53.48 3.68 -2.00	51.37 3.36 0.00	49.74 3.56 0.00	50.49 3.46 -3.16	50.40 3.37 -3.87	51.49 3.32 -6.09	51.76 3.64 -5.28	51.90 3.87 -3.07	59.41 4.47 -3.51	66.28 4.76 -6.23	53.43 4.14 0.00	48.33 3.78 0.00	42.64 3.05 0.00	40.39 2.57 0.00	39.82 2.64 0.00
FREEPORT___CT2 23818	40.74 2.34 0.00	39.79 2.00 0.00	38.11 1.88 0.00	37.60 1.82 0.00	37.86 1.94 0.00	39.68 2.00 0.00	56.69 3.00 -8.87	61.17 3.40 -10.52	61.18 3.54 -9.81	53.48 3.68 -2.00	51.37 3.36 0.00	49.74 3.56 0.00	50.49 3.46 -3.16	50.40 3.37 -3.87	51.49 3.32 -6.09	51.76 3.64 -5.28	51.90 3.87 -3.07	59.41 4.47 -3.51	66.28 4.76 -6.23	53.43 4.14 0.00	48.33 3.78 0.00	42.64 3.05 0.00	40.39 2.57 0.00	39.82 2.64 0.00
FRESHKLS_33_KV_LOAD 356253	56.16 1.96 -15.80	54.69 1.70 -15.21	54.69 1.78 -16.68	54.65 1.75 -17.12	54.69 1.87 -16.90	54.69 1.70 -15.31	56.13 2.38 -8.94	58.68 2.84 -8.59	58.72 3.01 -7.88	59.41 3.06 -8.56	58.73 2.93 -7.78	58.72 3.00 -9.53	58.91 2.94 -12.11	58.99 2.93 -12.89	58.95 2.86 -14.00	59.45 3.13 -13.48	60.44 3.28 -12.19	61.31 3.81 -6.07	64.63 3.87 -5.46	61.25 3.45 -8.50	60.43 3.12 -12.77	59.44 2.53 -17.31	57.41 2.31 -17.29	55.35 2.31 -15.86
FULTON COGEN____ 23766	37.98 -0.42 0.00	37.49 -0.30 0.00	35.87 -0.36 0.00	35.42 -0.36 0.00	35.56 -0.36 0.00	37.42 -0.26 0.00	44.46 -0.36 0.00	46.83 -0.43 0.00	47.45 -0.38 0.00	47.47 -0.33 0.00	47.82 -0.19 0.00	45.95 -0.23 0.00	43.47 -0.39 0.00	42.69 -0.47 0.00	41.79 -0.29 0.00	42.50 -0.34 0.00	44.56 -0.40 0.00	51.07 -0.36 0.00	55.13 -0.17 0.00	49.19 -0.10 0.00	44.46 -0.09 0.00	39.59 0.00 0.00	37.85 0.04 0.00	37.18 0.00 0.00
FULTON___LFGE 323630	40.90 2.49 0.00	40.21 2.42 0.00	38.55 2.32 0.00	38.11 2.32 0.00	38.36 2.44 0.00	40.03 2.34 0.00	48.13 3.32 0.00	50.75 3.50 0.00	51.09 3.25 0.00	50.67 2.87 0.00	50.85 2.83 0.00	49.05 2.86 0.00	46.49 2.63 0.00	45.84 2.68 0.00	44.65 2.57 0.00	45.41 2.57 0.00	48.06 3.10 0.00	55.24 3.81 0.00	59.56 4.26 0.00	53.09 3.80 0.00	47.98 3.43 0.00	42.64 3.05 0.00	40.46 2.65 0.00	39.68 2.49 0.00
G.F.CEMENT___DRP 24184	41.47 3.07 0.00	40.73 2.95 0.00	39.09 2.86 0.00	38.57 2.79 0.00	38.90 2.98 0.00	40.78 3.09 0.00	49.12 4.30 0.00	51.74 4.49 0.00	52.62 4.78 0.00	52.44 4.64 0.00	52.53 4.51 0.00	50.43 4.25 0.00	47.90 4.04 0.00	47.17 4.01 0.00	45.87 3.79 0.00	46.79 3.94 0.00	49.28 4.32 0.00	56.47 5.04 0.00	60.66 5.36 0.00	53.98 4.68 0.00	48.78 4.23 0.00	43.20 3.60 0.00	41.03 3.21 0.00	40.27 3.09 0.00
GARDENVILLE___LBMP 24039	36.33 -2.07 0.00	36.01 -1.78 0.00	34.42 -1.81 0.00	33.88 -1.90 0.00	33.87 -2.05 0.00	36.14 -1.55 0.00	42.17 -2.64 0.00	44.27 -2.98 0.00	44.96 -2.87 0.00	44.45 -3.35 0.00	44.89 -3.12 0.00	43.00 -3.19 0.00	40.62 -3.25 0.00	40.18 -2.98 0.00	39.77 -2.31 0.00	40.14 -2.70 0.00	42.08 -2.88 0.00	47.88 -3.55 0.00	52.48 -2.82 0.00	46.73 -2.56 0.00	42.19 -2.36 0.00	38.05 -1.54 0.00	36.23 -1.59 0.00	35.99 -1.19 0.00
GARDNVLA_35_KV_LD 355827	36.52 -1.88 0.00	36.20 -1.59 0.00	34.64 -1.59 0.00	34.06 -1.72 0.00	34.05 -1.87 0.00	36.41 -1.28 0.00	42.48 -2.33 0.00	44.61 -2.65 0.00	45.30 -2.54 0.00	44.79 -3.01 0.00	45.28 -2.74 0.00	43.36 -2.82 0.00	40.97 -2.89 0.00	40.48 -2.68 0.00	40.10 -1.98 0.00	40.49 -2.36 0.00	42.40 -2.56 0.00	48.24 -3.19 0.00	52.87 -2.43 0.00	47.12 -2.17 0.00	42.50 -2.05 0.00	38.37 -1.23 0.00	36.49 -1.32 0.00	36.22 -0.97 0.00
GELCKHM___115KV_LOAD 80723	37.56 -0.84 0.00	37.03 -0.76 0.00	35.47 -0.76 0.00	35.03 -0.75 0.00	35.16 -0.75 0.00	36.97 -0.72 0.00	43.83 -0.99 0.00	46.16 -1.09 0.00	46.78 -1.05 0.00	46.80 -1.00 0.00	47.05 -0.96 0.00	45.21 -0.97 0.00	42.90 -0.96 0.00	42.21 -0.95 0.00	41.28 -0.80 0.00	41.99 -0.86 0.00	44.06 -0.90 0.00	50.40 -1.03 0.00	54.36 -0.94 0.00	48.45 -0.84 0.00	43.74 -0.80 0.00	38.96 -0.63 0.00	37.36 -0.45 0.00	36.74 -0.45 0.00
GENERAL___MILLS 23808	36.44 -1.96 0.00	36.12 -1.66 0.00	34.56 -1.67 0.00	33.99 -1.79 0.00	33.98 -1.94 0.00	36.29 -1.39 0.00	42.30 -2.51 0.00	44.46 -2.79 0.00	45.11 -2.73 0.00	44.60 -3.20 0.00	45.08 -2.93 0.00	43.18 -3.00 0.00	40.79 -3.07 0.00	40.31 -2.85 0.00	39.94 -2.15 0.00	40.32 -2.53 0.00	42.22 -2.74 0.00	48.04 -3.39 0.00	52.65 -2.65 0.00	46.93 -2.37 0.00	42.36 -2.18 0.00	38.21 -1.39 0.00	36.38 -1.44 0.00	36.11 -1.08 0.00
GE_PLASTICS___DRP 24183	39.52 1.11 0.00	38.85 1.06 0.00	37.25 1.01 0.00	36.78 1.00 0.00	37.00 1.08 0.00	38.67 0.98 0.00	46.29 1.48 0.00	48.81 1.56 0.00	49.46 1.63 0.00	49.43 1.63 0.00	49.55 1.54 0.00	47.71 1.52 0.00	45.35 1.49 0.00	44.67 1.51 0.00	43.51 1.43 0.00	44.39 1.54 0.00	46.58 1.62 0.00	53.38 1.95 0.00	57.35 2.05 0.00	51.07 1.77 0.00	46.15 1.60 0.00	40.98 1.39 0.00	39.03 1.21 0.00	38.37 1.19 0.00
GILBOA___1 23756	39.17 0.77 0.00	38.62 0.83 0.00	37.03 0.80 0.00	36.57 0.79 0.00	36.75 0.83 0.00	38.37 0.68 0.00	45.89 1.07 0.00	48.43 1.18 0.00	49.12 1.29 0.00	49.09 1.29 0.00	49.21 1.20 0.00	47.38 1.20 0.00	45.05 1.18 0.00	44.33 1.17 0.00	43.22 1.14 0.00	44.09 1.24 0.00	46.31 1.35 0.00	53.03 1.60 0.00	56.96 1.66 0.00	50.77 1.48 0.00	45.88 1.34 0.00	40.74 1.15 0.00	38.80 0.98 0.00	38.15 0.97 0.00
GILBOA___2 23757	39.17 0.77 0.00	38.62 0.83 0.00	37.03 0.80 0.00	36.57 0.79 0.00	36.75 0.83 0.00	38.37 0.68 0.00	45.89 1.07 0.00	48.43 1.18 0.00	49.12 1.29 0.00	49.09 1.29 0.00	49.21 1.20 0.00	47.38 1.20 0.00	45.05 1.18 0.00	44.33 1.17 0.00	43.22 1.14 0.00	44.09 1.24 0.00	46.31 1.35 0.00	53.03 1.60 0.00	56.96 1.66 0.00	50.77 1.48 0.00	45.88 1.34 0.00	40.74 1.15 0.00	38.80 0.98 0.00	38.15 0.97 0.00

GILBOA___3 23758	39.17 0.77 0.00	38.62 0.83 0.00	37.03 0.80 0.00	36.57 0.79 0.00	36.75 0.83 0.00	38.37 0.68 0.00	45.89 1.07 0.00	48.43 1.18 0.00	49.12 1.29 0.00	49.09 1.29 0.00	49.21 1.20 0.00	47.38 1.20 0.00	45.05 1.18 0.00	44.33 1.17 0.00	43.22 1.14 0.00	44.09 1.24 0.00	46.31 1.35 0.00	53.03 1.60 0.00	56.96 1.66 0.00	50.77 1.48 0.00	45.88 1.34 0.00	40.74 1.15 0.00	38.80 0.98 0.00	38.15 0.97 0.00
GILBOA___4 23759	39.17 0.77 0.00	38.62 0.83 0.00	37.03 0.80 0.00	36.57 0.79 0.00	36.75 0.83 0.00	38.37 0.68 0.00	45.89 1.07 0.00	48.43 1.18 0.00	49.12 1.29 0.00	49.09 1.29 0.00	49.21 1.20 0.00	47.38 1.20 0.00	45.05 1.18 0.00	44.33 1.17 0.00	43.22 1.14 0.00	44.09 1.24 0.00	46.31 1.35 0.00	53.03 1.60 0.00	56.96 1.66 0.00	50.77 1.48 0.00	45.88 1.34 0.00	40.74 1.15 0.00	38.80 0.98 0.00	38.15 0.97 0.00
GILBOA___ 23599	39.17 0.77 0.00	38.62 0.83 0.00	37.03 0.80 0.00	36.57 0.79 0.00	36.74 0.83 0.00	38.37 0.68 0.00	45.89 1.08 0.00	48.43 1.18 0.00	49.12 1.29 0.00	49.09 1.29 0.00	49.21 1.20 0.00	47.38 1.20 0.00	45.05 1.18 0.00	44.37 1.21 0.00	43.22 1.14 0.00	44.09 1.24 0.00	46.31 1.35 0.00	53.02 1.59 0.00	56.96 1.66 0.00	50.77 1.48 0.00	45.88 1.34 0.00	40.74 1.15 0.00	38.80 0.98 0.00	38.15 0.97 0.00
GINNA___ 23603	35.18 -3.23 0.00	34.76 -3.02 0.00	33.26 -2.97 0.00	32.78 -3.01 0.00	32.87 -3.05 0.00	34.90 -2.79 0.00	41.14 -3.67 0.00	43.38 -3.87 0.00	43.86 -3.97 0.00	43.78 -4.02 0.00	44.17 -3.84 0.00	42.30 -3.88 0.00	40.09 -3.77 0.00	39.75 -3.41 0.00	38.84 -3.24 0.00	39.33 -3.51 0.00	41.32 -3.64 0.00	47.06 -4.37 0.00	51.21 -4.09 0.00	45.54 -3.75 0.00	41.16 -3.39 0.00	36.90 -2.69 0.00	35.21 -2.61 0.00	34.62 -2.57 0.00
GLEN PARK___ 23778	40.17 1.77 0.00	39.60 1.81 0.00	37.79 1.56 0.00	37.46 1.68 0.00	37.32 1.40 0.00	39.39 1.70 0.00	46.92 2.11 0.00	49.43 2.17 0.00	49.51 1.67 0.00	49.43 1.63 0.00	50.12 2.11 0.00	48.17 1.98 0.00	45.62 1.76 0.00	44.80 1.64 0.00	43.43 1.35 0.00	43.87 1.03 0.00	46.00 1.03 0.00	52.87 1.44 0.00	57.45 2.15 0.00	51.71 2.41 0.00	46.64 2.09 0.00	41.61 2.02 0.00	39.44 1.62 0.00	38.78 1.60 0.00
GLENDALE_27_KV_LOAD 356172	40.36 1.96 0.00	39.37 1.59 0.00	37.90 1.67 0.00	37.43 1.65 -0.01	37.69 1.76 -0.01	39.31 1.62 0.00	47.23 2.42 0.00	50.23 2.98 0.00	50.99 3.16 0.00	51.10 3.30 0.00	51.13 3.12 0.00	49.37 3.19 0.00	47.02 3.16 0.00	46.31 3.15 0.00	45.11 3.03 0.00	46.14 3.30 0.00	48.47 3.51 0.00	55.44 4.01 0.00	59.50 4.20 0.00	52.99 3.70 0.00	47.89 3.34 0.00	42.25 2.65 0.00	40.88 2.42 -0.65	39.46 2.27 -0.01
GLENWOOD_IC_1_G5 23712	40.71 2.30 0.00	39.75 1.96 0.00	38.08 1.85 0.00	37.57 1.79 0.00	37.82 1.90 0.00	39.65 1.96 0.00	56.65 2.96 -8.87	61.17 3.40 -10.52	61.23 3.59 -9.81	53.53 3.73 -2.00	51.47 3.46 0.00	49.88 3.69 0.00	50.62 3.60 -3.16	50.61 3.58 -3.87	51.62 3.45 -6.09	51.85 3.73 -5.28	51.94 3.91 -3.07	59.41 4.47 -3.51	66.28 4.76 -6.23	53.38 4.09 0.00	48.24 3.70 0.00	42.56 2.97 0.00	40.35 2.53 0.00	39.75 2.57 0.00
GLENWOOD_IC_2_G1 23688	40.63 2.23 0.00	39.68 1.89 0.00	38.04 1.81 0.00	37.53 1.75 0.00	37.78 1.87 0.00	39.57 1.88 0.00	56.56 2.87 -8.87	61.07 3.31 -10.52	61.13 3.49 -9.81	53.39 3.59 -2.00	51.37 3.36 0.00	49.74 3.56 0.00	50.49 3.46 -3.16	50.40 3.37 -3.87	51.49 3.32 -6.09	51.72 3.60 -5.28	51.81 3.78 -3.07	59.31 4.37 -3.51	66.17 4.65 -6.23	53.28 3.99 0.00	48.15 3.61 0.00	42.48 2.89 0.00	40.27 2.46 0.00	39.68 2.49 0.00
GLENWOOD_IC_3_G1 23689	40.63 2.23 0.00	39.68 1.89 0.00	38.04 1.81 0.00	37.53 1.75 0.00	37.78 1.87 0.00	39.57 1.88 0.00	56.56 2.87 -8.87	61.07 3.31 -10.52	61.13 3.49 -9.81	53.39 3.59 -2.00	51.37 3.36 0.00	49.74 3.56 0.00	50.49 3.46 -3.16	50.40 3.37 -3.87	51.49 3.32 -6.09	51.72 3.60 -5.28	51.81 3.78 -3.07	59.31 4.37 -3.51	66.17 4.65 -6.23	53.28 3.99 0.00	48.15 3.61 0.00	42.48 2.89 0.00	40.27 2.46 0.00	39.68 2.49 0.00
GLENWOOD___4 23550	40.71 2.30 0.00	39.75 1.96 0.00	38.08 1.85 0.00	37.57 1.79 0.00	37.82 1.90 0.00	39.65 1.96 0.00	56.65 2.96 -8.87	61.17 3.40 -10.52	61.23 3.59 -9.81	53.53 3.73 -2.00	51.47 3.46 0.00	49.88 3.69 0.00	50.62 3.60 -3.16	50.61 3.58 -3.87	51.62 3.45 -6.09	51.85 3.73 -5.28	51.94 3.91 -3.07	59.41 4.47 -3.51	66.28 4.76 -6.23	53.38 4.09 0.00	48.24 3.70 0.00	42.56 2.97 0.00	40.35 2.53 0.00	39.75 2.57 0.00
GLENWOOD___5 23614	40.71 2.30 0.00	39.75 1.96 0.00	38.08 1.85 0.00	37.57 1.79 0.00	37.82 1.90 0.00	39.65 1.96 0.00	56.65 2.96 -8.87	61.17 3.40 -10.52	61.23 3.59 -9.81	53.53 3.73 -2.00	51.47 3.46 0.00	49.88 3.69 0.00	50.62 3.60 -3.16	50.61 3.58 -3.87	51.62 3.45 -6.09	51.85 3.73 -5.28	51.94 3.91 -3.07	59.41 4.47 -3.51	66.28 4.76 -6.23	53.38 4.09 0.00	48.24 3.70 0.00	42.56 2.97 0.00	40.35 2.53 0.00	39.75 2.57 0.00
GLOBAL GREEN_PORT_GT1 23814	41.28 2.88 0.00	40.32 2.53 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.29 2.37 0.00	40.21 2.53 0.00	57.59 3.90 -8.87	62.16 4.40 -10.52	62.33 4.69 -9.81	53.86 4.06 -2.00	50.94 2.93 0.00	49.32 3.14 0.00	50.14 3.11 -3.16	50.01 2.98 -3.87	51.24 3.07 -6.09	51.46 3.34 -5.28	51.45 3.42 -3.07	59.67 4.73 -3.51	66.67 5.14 -6.23	53.09 3.80 0.00	47.98 3.43 0.00	41.97 2.38 0.00	39.63 1.82 0.00	40.31 3.12 0.00
GLOBE___DSASP 323697	35.06 -3.34 0.00	34.76 -3.02 0.00	33.26 -2.97 0.00	32.67 -3.11 0.00	32.69 -3.23 0.00	34.86 -2.83 0.00	40.56 -4.26 0.00	42.53 -4.73 0.00	43.24 -4.59 0.00	42.83 -4.97 0.00	43.31 -4.71 0.00	41.47 -4.71 0.00	39.21 -4.65 0.00	38.76 -4.40 0.00	38.38 -3.70 0.00	38.69 -4.16 0.00	40.51 -4.45 0.00	45.93 -5.50 0.00	50.27 -5.03 0.00	44.81 -4.49 0.00	40.54 -4.01 0.00	36.70 -2.89 0.00	35.02 -2.80 0.00	34.80 -2.38 0.00
GOETHSLN___LBMP 323567	39.75 1.34 0.00	38.81 1.02 0.00	37.32 1.09 0.00	36.89 1.11 0.00	37.10 1.19 0.00	38.74 1.06 0.00	46.65 1.84 0.00	49.52 2.27 0.00	50.27 2.44 0.00	50.38 2.58 0.00	50.41 2.40 0.00	48.68 2.49 0.00	46.32 2.46 0.00	45.62 2.46 0.00	44.40 2.31 0.00	45.46 2.61 0.00	47.75 2.79 0.00	54.62 3.19 0.00	58.62 3.32 0.00	52.25 2.96 0.00	47.17 2.63 0.00	41.65 2.06 0.00	39.63 1.82 0.00	38.89 1.71 0.00
GOLAH___69_KV_TB 1_2 80279	36.79 -1.61 0.00	36.35 -1.44 0.00	34.82 -1.41 0.00	34.28 -1.50 0.00	34.37 -1.54 0.00	36.59 -1.09 0.00	43.02 -1.79 0.00	45.22 -2.03 0.00	45.68 -2.15 0.00	45.36 -2.44 0.00	45.71 -2.30 0.00	43.78 -2.40 0.00	41.45 -2.41 0.00	40.87 -2.29 0.00	40.27 -1.81 0.00	40.70 -2.14 0.00	42.58 -2.38 0.00	48.70 -2.73 0.00	53.25 -2.05 0.00	47.42 -1.87 0.00	42.94 -1.60 0.00	38.56 -1.03 0.00	36.80 -1.02 0.00	36.33 -0.86 0.00

GOODYEAR_LAKE_HYD 323669	39.59 1.19 0.00	39.00 1.21 0.00	37.35 1.12 0.00	36.93 1.14 0.00	37.07 1.15 0.00	38.86 1.17 0.00	46.56 1.75 0.00	49.19 1.94 0.00	49.75 1.91 0.00	49.57 1.77 0.00	49.84 1.82 0.00	48.03 1.85 0.00	45.57 1.71 0.00	44.89 1.73 0.00	43.72 1.64 0.00	44.56 1.71 0.00	46.85 1.89 0.00	53.69 2.26 0.00	57.79 2.49 0.00	51.51 2.22 0.00	46.46 1.92 0.00	41.30 1.70 0.00	39.25 1.44 0.00	38.52 1.34 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.09 -0.31 0.00	37.60 -0.19 0.00	35.98 -0.25 0.00	35.53 -0.25 0.00	35.63 -0.29 0.00	37.54 -0.15 0.00	44.59 -0.22 0.00	46.92 -0.33 0.00	47.59 -0.24 0.00	47.42 -0.38 0.00	47.68 -0.34 0.00	45.81 -0.37 0.00	43.42 -0.44 0.00	42.77 -0.39 0.00	41.87 -0.21 0.00	42.63 -0.21 0.00	44.74 -0.22 0.00	51.17 -0.26 0.00	55.36 0.06 0.00	49.34 0.05 0.00	44.55 0.00 0.00	39.67 0.08 0.00	37.85 0.04 0.00	37.33 0.15 0.00
GOUDEY___7 23579	38.09 -0.31 0.00	37.60 -0.19 0.00	35.98 -0.25 0.00	35.53 -0.25 0.00	35.63 -0.29 0.00	37.54 -0.15 0.00	44.59 -0.22 0.00	46.92 -0.33 0.00	47.59 -0.24 0.00	47.42 -0.38 0.00	47.68 -0.34 0.00	45.81 -0.37 0.00	43.42 -0.44 0.00	42.77 -0.39 0.00	41.87 -0.21 0.00	42.63 -0.21 0.00	44.74 -0.22 0.00	51.17 -0.26 0.00	55.36 0.06 0.00	49.34 0.05 0.00	44.55 0.00 0.00	39.67 0.08 0.00	37.85 0.04 0.00	37.33 0.15 0.00
GOUDEY___8 23580	38.09 -0.31 0.00	37.60 -0.19 0.00	35.98 -0.25 0.00	35.53 -0.25 0.00	35.63 -0.29 0.00	37.54 -0.15 0.00	44.59 -0.22 0.00	46.92 -0.33 0.00	47.59 -0.24 0.00	47.42 -0.38 0.00	47.68 -0.34 0.00	45.81 -0.37 0.00	43.42 -0.44 0.00	42.77 -0.39 0.00	41.87 -0.21 0.00	42.63 -0.21 0.00	44.74 -0.22 0.00	51.17 -0.26 0.00	55.36 0.06 0.00	49.34 0.05 0.00	44.55 0.00 0.00	39.67 0.08 0.00	37.85 0.04 0.00	37.33 0.15 0.00
GOWANUS_GT1_1 24077	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT1_2 24078	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT1_3 24079	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT1_4 24080	56.31 2.11 -15.80	54.77 1.78																						

GOWANUS_GT2_4 24117	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT2_5 24118	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT2_6 24119	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT2_7 24120	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT2_8 24121	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT3_1 24122	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT3_2 24123	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53	

GOWANUS_GT4_3 24132	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT4_4 24133	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT4_5 24134	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT4_6 24135	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT4_7 24136	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GOWANUS_GT4_8 24137	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GREENBSH_115KV_TB3 55895	39.71 1.31 0.00	39.03 1.25 0.00	37.43 1.20 0.00	36.96 1.18 0.00	37.18 1.26 0.00	38.89 1.21 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.75 1.91 0.00	49.71 1.91 0.00	49.89 1.87 0.00	47.98 1.80 0.00	45.62 1.75 0.00	44.93 1.77 0.00	43.77 1.68 0.00	44.64 1.80 0.00	46.89 1.93 0.00	53.69 2.26 0.00	57.68 2.38 0.00	51.36 2.07 0.00	46.42 1.87 0.00	41.22 1.62 0.00	39.25 1.44 0.00	38.56 1.38 0.00
GREENIDGE_115KV_TB5 80291	37.56 -0.84 0.00	37.11 -0.68 0.00	35.47 -0.76 0.00	35.03 -0.75 0.00	35.13 -0.79 0.00	37.16 -0.53 0.00	44.10 -0.72 0.00	46.31 -0.95 0.00	46.92 -0.91 0.00	46.70 -1.10 0.00	46.96 -1.06 0.00	44.98 -1.20 0.00	42.55 -1.32 0.00	41.91 -1.25 0.00	41.20 -0.88 0.00	41.90 -0.94 0.00	44.02 -0.94 0.00	50.40 -1.03 0.00	54.91 -0.39 0.00	49.00 -0.30 0.00	44.19 -0.36 0.00	39.44 -0.16 0.00	37.59 -0.23 0.00	37.07 -0.11 0.00
GREENIDGE___3 23582	37.56 -0.84 0.00	37.11 -0.68 0.00	35.47 -0.76 0.00	35.03 -0.75 0.00	35.13 -0.79 0.00	37.16 -0.53 0.00	44.10 -0.72 0.00	46.31 -0.95 0.00	46.92 -0.91 0.00	46.70 -1.10 0.00	46.96 -1.06 0.00	44.98 -1.20 0.00	42.55 -1.32 0.00	41.91 -1.25 0.00	41.20 -0.88 0.00	41.90 -0.94 0.00	44.02 -0.94 0.00	50.40 -1.03 0.00	54.91 -0.39 0.00	49.00 -0.30 0.00	44.19 -0.36 0.00	39.44 -0.16 0.00	37.59 -0.23 0.00	37.07 -0.11 0.00
GREENIDGE___4 23583	37.56 -0.85 0.00	37.11 -0.68 0.00	35.47 -0.76 0.00	35.03 -0.75 0.00	35.13 -0.79 0.00	37.16 -0.53 0.00	44.10 -0.72 0.00	46.31 -0.94 0.00	46.92 -0.91 0.00	46.70 -1.10 0.00	46.96 -1.06 0.00	44.98 -1.20 0.00	42.55 -1.31 0.00	42.04 -1.12 0.00	41.20 -0.89 0.00	41.90 -0.94 0.00	44.01 -0.95 0.00	50.40 -1.03 0.00	54.92 -0.38 0.00	49.00 -0.29 0.00	44.19 -0.36 0.00	39.44 -0.16 0.00	37.59 -0.23 0.00	37.07 -0.11 0.00
GREENLWN_69_KV_BK 3 55738	40.67 2.27 0.00	39.71 1.93 0.00	38.01 1.78 0.00	37.46 1.68 0.00	37.75 1.83 0.00	39.61 1.92 0.00	56.69 3.00 -8.87	60.60 2.84 -10.52	60.65 3.01 -9.81	53.43 3.63 -2.00	51.09 3.07 0.00	49.74 3.56 0.00	50.45 3.42 -3.16	50.48 3.45 -3.87	51.24 3.07 -6.09	51.42 3.30 -5.28	51.54 3.51 -3.07	58.23 3.29 -3.51	65.01 3.48 -6.23	52.74 3.45 0.00	48.29 3.74 0.00	42.52 2.93 0.00	40.20 2.38 0.00	39.75 2.57 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
GRISSOM___SOLAR 323813	40.74 2.34 0.00	40.05 2.27 0.00	38.41 2.17 0.00	37.93 2.15 0.00	38.22 2.30 0.00	39.91 2.22 0.00	47.95 3.14 0.00	50.56 3.31 0.00	50.94 3.11 0.00	50.57 2.77 0.00	50.75 2.74 0.00	48.91 2.72 0.00	46.40 2.54 0.00	45.75 2.59 0.00	44.56 2.48 0.00	45.33 2.48 0.00	47.93 2.97 0.00	55.08 3.65 0.00	59.34 4.03 0.00	52.89 3.60 0.00	47.80 3.25 0.00	42.45 2.85 0.00	40.31 2.50 0.00	39.53 2.34 0.00
GROVEVILLE___HYD 323602	40.13 1.73 0.00	39.34 1.55 0.00	37.72 1.49 0.00	37.21 1.43 0.00	37.46 1.54 0.00	39.12 1.43 0.00	47.14 2.33 0.00	49.80 2.55 0.00	50.46 2.63 0.00	50.43 2.63 0.00	50.61 2.59 0.00	48.77 2.59 0.00	46.32 2.46 0.00	45.62 2.46 0.00	44.44 2.36 0.00	45.50 2.66 0.00	47.75 2.79 0.00	54.77 3.34 0.00	58.78 3.48 0.00	52.35 3.06 0.00	47.26 2.72 0.00	41.73 2.14 0.00	39.67 1.85 0.00	38.93 1.75 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.94 -0.46 0.00	37.41 -0.38 0.00	35.80 -0.43 0.00	35.35 -0.43 0.00	35.49 -0.43 0.00	37.31 -0.38 0.00	44.28 -0.54 0.00	46.64 -0.61 0.00	47.31 -0.53 0.00	47.27 -0.53 0.00	47.58 -0.43 0.00	45.72 -0.46 0.00	43.34 -0.53 0.00	42.64 -0.52 0.00	41.70 -0.38 0.00	42.42 -0.43 0.00	44.51 -0.45 0.00	50.92 -0.51 0.00	54.91 -0.39 0.00	48.95 -0.35 0.00	44.19 -0.36 0.00	39.40 -0.20 0.00	37.74 -0.08 0.00	37.07 -0.11 0.00

HAMLTNNY_34_KV_TB 80303	37.79 -0.61 0.00	37.26 -0.53 0.00	35.69 -0.54 0.00	35.24 -0.54 0.00	35.38 -0.54 0.00	37.24 -0.45 0.00	44.19 -0.63 0.00	46.54 -0.71 0.00	47.16 -0.67 0.00	47.13 -0.67 0.00	47.39 -0.62 0.00	45.54 -0.65 0.00	43.20 -0.66 0.00	42.47 -0.69 0.00	41.58 -0.50 0.00	42.29 -0.56 0.00	44.42 -0.54 0.00	50.76 -0.67 0.00	54.80 -0.50 0.00	48.85 -0.44 0.00	44.10 -0.45 0.00	39.32 -0.28 0.00	37.67 -0.15 0.00	37.00 -0.19 0.00
HAMPSHIRE___PAPER_HYD 323593	41.20 2.80 0.00	40.58 2.80 0.00	38.77 2.54 0.00	38.39 2.61 0.00	38.04 2.12 0.00	39.76 2.07 0.00	47.10 2.28 0.00	49.61 2.36 0.00	49.60 1.77 0.00	49.85 2.05 0.00	50.99 2.98 0.00	49.28 3.09 0.00	46.67 2.81 0.00	45.75 2.59 0.00	44.10 2.02 0.00	44.00 1.16 0.00	45.86 0.90 0.00	52.30 0.87 0.00	56.68 1.38 0.00	50.92 1.62 0.00	45.93 1.38 0.00	41.14 1.54 0.00	39.18 1.36 0.00	38.97 1.78 0.00
HARDSCRABBLE_WT_PWR 323673	38.02 -0.38 0.00	37.56 -0.23 0.00	36.16 -0.07 0.00	35.82 0.04 0.00	35.92 0.00 0.00	37.69 0.00 0.00	44.90 0.09 0.00	47.39 0.14 0.00	47.93 0.10 0.00	47.85 0.05 0.00	48.06 0.05 0.00	46.18 0.00 0.00	43.73 -0.13 0.00	42.86 -0.30 0.00	41.53 -0.55 0.00	42.20 -0.64 0.00	44.24 -0.72 0.00	50.60 -0.82 0.00	54.36 -0.94 0.00	48.45 -0.84 0.00	43.79 -0.76 0.00	38.92 -0.67 0.00	37.10 -0.72 0.00	36.44 -0.74 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.75 1.34 0.00	38.96 1.17 0.00	37.35 1.12 0.00	36.85 1.07 0.00	37.10 1.19 0.00	38.78 1.09 0.00	46.65 1.84 0.00	49.33 2.08 0.00	50.03 2.20 0.00	50.00 2.20 0.00	50.17 2.16 0.00	48.40 2.22 0.00	45.97 2.11 0.00	45.28 2.11 0.00	44.10 2.02 0.00	45.11 2.27 0.00	47.34 2.38 0.00	54.31 2.88 0.00	58.29 2.99 0.00	51.95 2.66 0.00	46.91 2.36 0.00	41.42 1.82 0.00	39.37 1.55 0.00	38.63 1.45 0.00
HARSNRAD_115KV_TB1 81005	35.52 -2.88 0.00	35.22 -2.57 0.00	33.66 -2.57 0.00	33.10 -2.68 0.00	33.12 -2.80 0.00	35.31 -2.37 0.00	41.18 -3.63 0.00	43.19 -4.06 0.00	43.81 -4.02 0.00	43.40 -4.40 0.00	43.93 -4.08 0.00	42.03 -4.16 0.00	39.69 -4.17 0.00	39.23 -3.93 0.00	38.88 -3.20 0.00	39.24 -3.60 0.00	41.09 -3.87 0.00	46.65 -4.78 0.00	51.15 -4.15 0.00	45.60 -3.70 0.00	41.25 -3.30 0.00	37.26 -2.34 0.00	35.55 -2.27 0.00	35.29 -1.90 0.00
HARZA MOOSE___RIVER 24016	39.67 1.27 0.00	39.03 1.25 0.00	37.35 1.12 0.00	36.96 1.18 0.00	36.92 1.01 0.00	38.82 1.13 0.00	46.29 1.48 0.00	48.86 1.61 0.00	49.22 1.39 0.00	49.14 1.34 0.00	49.69 1.68 0.00	47.84 1.66 0.00	45.40 1.54 0.00	44.63 1.47 0.00	43.30 1.22 0.00	43.87 1.03 0.00	45.95 0.99 0.00	52.72 1.29 0.00	56.85 1.55 0.00	50.87 1.58 0.00	45.88 1.34 0.00	40.90 1.31 0.00	38.88 1.06 0.00	38.26 1.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.52 -0.88 0.00	36.99 -0.79 0.00	35.40 -0.83 0.00	34.96 -0.82 0.00	35.09 -0.83 0.00	36.93 -0.75 0.00	43.78 -1.03 0.00	46.12 -1.13 0.00	46.78 -1.05 0.00	46.75 -1.05 0.00	47.00 -1.01 0.00	45.17 -1.02 0.00	42.85 -1.01 0.00	42.17 -0.99 0.00	41.28 -0.80 0.00	41.99 -0.86 0.00	44.02 -0.94 0.00	50.35 -1.08 0.00	54.30 -1.00 0.00	48.41 -0.89 0.00	43.70 -0.85 0.00	38.96 -0.63 0.00	37.36 -0.45 0.00	36.74 -0.45 0.00
HELLGATE_13_KV_LD 55870	40.21 1.80 0.00	39.26 1.47 0.00	37.79 1.56 0.00	37.33 1.54 -0.01	37.58 1.65 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.94 2.69 0.00	50.75 2.92 0.00	50.81 3.01 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.90 2.82 0.00	45.93 3.08 0.00	48.20 3.24 0.00	55.13 3.70 0.00	59.17 3.87 0.00	52.69 3.40 0.00	47.62 3.07 0.00	42.05 2.45 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.21 1.80 0.00	39.26 1.47 0.00	37.79 1.56 0.00	37.33 1.54 -0.01	37.58 1.65 -0.01	39.16 1.47 0.00	47.01 2.20 0.00	49.94 2.69 0.00	50.75 2.92 0.00	50.81 3.01 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.90 2.82 0.00	45.93 3.08 0.00	48.20 3.24 0.00	55.13 3.70 0.00	59.17 3.87 0.00	52.69 3.40 0.00	47.62 3.07 0.00	42.05 2.45 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
HEMPSTEAD____ 23647	40.51 2.11 0.00	39.56 1.78 0.00	37.93 1.70 0.00	37.43 1.65 0.00	37.68 1.76 0.00	39.46 1.77 0.00	56.42 2.73 -8.87	60.89 3.12 -10.52	60.94 3.30 -9.81	53.24 3.44 -2.00	51.13 3.12 0.00	49.55 3.37 0.00	50.32 3.29 -3.16	50.23 3.19 -3.87	51.33 3.16 -6.09	51.55 3.43 -5.28	51.63 3.60 -3.07	59.10 4.16 -3.51	65.90 4.37 -6.23	53.09 3.80 0.00	48.02 3.48 0.00	42.37 2.77 0.00	40.16 2.35 0.00	39.60 2.42 0.00
HEWLETT_69_KV_BK3 55828	40.74 2.34 0.00	39.79 2.00 0.00	38.15 1.92 0.00	37.64 1.86 0.00	37.86 1.94 0.00	39.69 2.00 0.00	56.69 3.00 -8.87	61.22 3.45 -10.52	61.23 3.59 -9.81	53.53 3.73 -2.00	51.52 3.50 0.00	49.88 3.69 0.00	50.58 3.55 -3.16	50.57 3.54 -3.87	51.62 3.45 -6.09	51.85 3.73 -5.28	51.94 3.91 -3.07	59.47 4.53 -3.51	66.34 4.81 -6.23	53.48 4.19 0.00	48.33 3.79 0.00	42.60 3.01 0.00	40.39 2.57 0.00	39.75 2.57 0.00
HICKLING___1 23621	37.48 -0.92 0.00	37.07 -0.72 0.00	35.43 -0.80 0.00	34.99 -0.79 0.00	35.06 -0.86 0.00	37.05 -0.64 0.00	43.87 -0.94 0.00	46.02 -1.23 0.00	46.73 -1.10 0.00	46.46 -1.34 0.00	46.76 -1.25 0.00	44.80 -1.39 0.00	42.37 -1.49 0.00	41.74 -1.42 0.00	41.03 -1.05 0.00	41.77 -1.07 0.00	43.84 -1.12 0.00	50.14 -1.29 0.00	54.64 -0.66 0.00	48.75 -0.54 0.00	43.97 -0.58 0.00	39.28 -0.32 0.00	37.44 -0.38 0.00	37.04 -0.15 0.00
HICKLING___2 23622	37.48 -0.92 0.00	37.07 -0.72 0.00	35.43 -0.80 0.00	34.99 -0.79 0.00	35.06 -0.86 0.00	37.05 -0.64 0.00	43.87 -0.94 0.00	46.02 -1.23 0.00	46.73 -1.10 0.00	46.46 -1.34 0.00	46.76 -1.25 0.00	44.80 -1.39 0.00	42.37 -1.49 0.00	41.74 -1.42 0.00	41.03 -1.05 0.00	41.77 -1.07 0.00	43.84 -1.12 0.00	50.14 -1.29 0.00	54.64 -0.66 0.00	48.75 -0.54 0.00	43.97 -0.58 0.00	39.28 -0.32 0.00	37.44 -0.38 0.00	37.04 -0.15 0.00
HIGH FALLS___HY 23754	39.78 1.38 0.00	39.00 1.21 0.00	37.35 1.12 0.00	36.89 1.11 0.00	37.14 1.22 0.00	38.78 1.09 0.00	46.74 1.93 0.00	49.38 2.13 0.00	49.98 2.15 0.00	49.86 2.06 0.00	49.98 1.97 0.00	48.17 1.99 0.00	45.75 1.89 0.00	45.06 1.90 0.00	43.93 1.85 0.00	44.99 2.14 0.00	47.25 2.29 0.00	54.31 2.88 0.00	58.29 2.99 0.00	52.00 2.71 0.00	46.95 2.41 0.00	41.46 1.86 0.00	39.37 1.55 0.00	38.63 1.45 0.00
HIGH_RIVER___SOLAR 323847	39.90 1.50 0.00	39.26 1.47 0.00	37.64 1.41 0.00	37.17 1.39 0.00	37.39 1.47 0.00	39.12 1.43 0.00	46.88 2.06 0.00	49.38 2.13 0.00	49.89 2.06 0.00	49.62 1.82 0.00	49.79 1.78 0.00	47.89 1.71 0.00	45.53 1.67 0.00	44.84 1.68 0.00	43.72 1.64 0.00	44.56 1.72 0.00	47.03 2.07 0.00	53.95 2.52 0.00	58.06 2.76 0.00	51.71 2.41 0.00	46.77 2.23 0.00	41.49 1.90 0.00	39.52 1.70 0.00	38.78 1.60 0.00

HILLBURN___GT 23639	39.67 1.27 0.00	38.84 1.06 0.00	37.28 1.05 0.00	36.82 1.04 0.00	37.03 1.11 0.00	38.71 1.02 0.00	46.61 1.79 0.00	49.33 2.08 0.00	50.03 2.20 0.00	50.05 2.25 0.00	50.18 2.16 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.23 2.07 0.00	44.14 2.06 0.00	45.11 2.27 0.00	47.39 2.43 0.00	54.26 2.83 0.00	58.28 2.98 0.00	51.95 2.66 0.00	46.91 2.36 0.00	41.46 1.86 0.00	39.37 1.55 0.00	38.67 1.49 0.00
HILLSIDE_115KV_TB1 80332	37.21 -1.19 0.00	36.77 -1.02 0.00	35.18 -1.05 0.00	34.71 -1.07 0.00	34.80 -1.11 0.00	36.75 -0.94 0.00	43.51 -1.30 0.00	45.69 -1.56 0.00	46.35 -1.48 0.00	46.08 -1.72 0.00	46.33 -1.68 0.00	44.43 -1.75 0.00	42.06 -1.80 0.00	41.43 -1.73 0.00	40.69 -1.39 0.00	41.39 -1.46 0.00	43.48 -1.48 0.00	49.68 -1.75 0.00	54.08 -1.22 0.00	48.21 -1.08 0.00	43.52 -1.02 0.00	38.84 -0.75 0.00	37.06 -0.76 0.00	36.66 -0.52 0.00
HISHELDN_WT_PWR 323625	35.37 -3.03 0.00	35.11 -2.68 0.00	33.55 -2.68 0.00	33.03 -2.75 0.00	32.97 -2.94 0.00	34.97 -2.71 0.00	40.92 -3.90 0.00	42.81 -4.44 0.00	43.48 -4.35 0.00	43.16 -4.64 0.00	43.55 -4.46 0.00	41.61 -4.57 0.00	39.34 -4.52 0.00	39.15 -4.01 0.00	38.46 -3.62 0.00	39.16 -3.68 0.00	41.14 -3.82 0.00	46.85 -4.58 0.00	51.43 -3.87 0.00	45.94 -3.35 0.00	41.56 -2.98 0.00	37.22 -2.37 0.00	35.66 -2.15 0.00	35.40 -1.78 0.00
HOLTSVILLE_IC_1 23690	41.09 2.69 0.00	40.13 2.34 0.00	38.37 2.14 0.00	37.86 2.07 0.00	38.11 2.19 0.00	40.03 2.34 0.00	57.19 3.50 -8.87	61.74 3.97 -10.52	61.80 4.16 -9.81	53.62 3.83 -2.00	51.18 3.17 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.27 3.24 -3.87	51.41 3.24 -6.09	51.63 3.51 -5.28	51.76 3.73 -3.07	59.67 4.73 -3.51	66.61 5.08 -6.23	53.34 4.04 0.00	48.33 3.78 0.00	42.45 2.85 0.00	40.09 2.27 0.00	40.16 2.98 0.00
HOLTSVILLE_IC_10 23699	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.29 2.37 0.00	40.21 2.53 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	62.04 4.40 -9.81	53.86 4.06 -2.00	51.42 3.41 0.00	49.88 3.70 0.00	50.62 3.60 -3.16	50.53 3.49 -3.87	51.66 3.49 -6.09	51.89 3.77 -5.28	52.08 4.05 -3.07	60.03 5.09 -3.51	67.00 5.48 -6.23	53.68 4.39 0.00	48.60 4.05 0.00	42.68 3.09 0.00	40.31 2.50 0.00	40.34 3.16 0.00
HOLTSVILLE_IC_2 23691	41.09 2.69 0.00	40.13 2.34 0.00	38.37 2.14 0.00	37.86 2.07 0.00	38.11 2.19 0.00	40.03 2.34 0.00	57.19 3.50 -8.87	61.74 3.97 -10.52	61.80 4.16 -9.81	53.62 3.83 -2.00	51.18 3.17 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.27 3.24 -3.87	51.41 3.24 -6.09	51.63 3.51 -5.28	51.76 3.73 -3.07	59.67 4.73 -3.51	66.61 5.08 -6.23	53.34 4.04 0.00	48.33 3.78 0.00	42.45 2.85 0.00	40.09 2.27 0.00	40.16 2.98 0.00
HOLTSVILLE_IC_3 23692	41.09 2.69 0.00	40.13 2.34 0.00	38.37 2.14 0.00	37.86 2.07 0.00	38.11 2.19 0.00	40.03 2.34 0.00	57.19 3.50 -8.87	61.74 3.97 -10.52	61.80 4.16 -9.81	53.62 3.83 -2.00	51.18 3.17 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.27 3.24 -3.87	51.41 3.24 -6.09	51.63 3.51 -5.28	51.76 3.73 -3.07	59.67 4.73 -3.51	66.61 5.08 -6.23	53.34 4.04 0.00	48.33 3.78 0.00	42.45 2.85 0.00	40.09 2.27 0.00	40.16 2.98 0.00
HOLTSVILLE_IC_4 23693	41.09 2.69 0.00	40.13 2.34 0.00	38.37 2.14 0.00	37.86 2.07 0.00	38.11 2.19 0.00	40.03 2.34 0.00	57.19 3.50 -8.87	61.74 3.97 -10.52	61.80 4.16 -9.81	53.62 3.83 -2.00	51.18 3.17 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.27 3.24 -3.87	51.41 3.24 -6.09	51.63 3.51 -5.28	51.76 3.73 -3.07	59.67 4.73 -3.51	66.61 5.08 -6.23	53.34 4.04 0.00	48.33 3.78 0.00	42.45 2.85 0.00	40.09 2.27 0.00	40.16 2.98 0.00
HOLTSVILLE_IC_5 23694	41.09 2.69 0.00	40.13 2.34 0.00	38.37 2.14 0.00	37.86 2.07 0.00	38.11 2.19 0.00	40.03 2.34 0.00	57.19 3.50 -8.87	61.74 3.97 -10.52	61.80 4.16 -9.81	53.62 3.83 -2.00	51.18 3.17 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.27 3.24 -3.87	51.41 3.24 -6.09	51.63 3.51 -5.28	51.76 3.73 -3.07	59.67 4.73 -3.51	66.61 5.08 -6.23	53.34 4.04 0.00	48.33 3.78 0.00	42.45 2.85 0.00	40.09 2.27 0.00	40.16 2.98 0.00
HOLTSVILLE_IC_6 23695	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.29 2.37 0.00	40.21 2.53 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	62.04 4.40 -9.81	53.86 4.06 -2.00	51.42 3.41 0.00	49.88 3.70 0.00	50.62 3.60 -3.16	50.53 3.49 -3.87	51.66 3.49 -6.09	51.89 3.77 -5.28	52.08 4.05 -3.07	60.03 5.09 -3.51	67.00 5.48 -6.23	53.68 4.39 0.00	48.60 4.05 0.00	42.68 3.09 0.00	40.31 2.50 0.00	40.34 3.16 0.00
HOLTSVILLE_IC_7 23696	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.29 2.37 0.00	40.21 2.53 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	62.04 4.40 -9.81	53.86 4.06 -2.00	51.42 3.41 0.00	49.88 3.70 0.00	50.62 3.60 -3.16	50.53 3.49 -3.87	51.66 3.49 -6.09	51.89 3.77 -5.28	52.08 4.05 -3.07	60.03 5.09 -3.51	67.00 5.48 -6.23	53.68 4.39 0.00	48.60 4.05 0.00	42.68 3.09 0.00	40.31 2.50 0.00	40.34 3.16 0.00
HOLTSVILLE_IC_8 23697	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.29 2.37 0.00	40.21 2.53 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	62.04 4.40 -9.81	53.86 4.06 -2.00	51.42 3.41 0.00	49.88 3.70 0.00	50.62 3.60 -3.16	50.53 3.49 -3.87	51.66 3.49 -6.09	51.89 3.77 -5.28	52.08 4.05 -3.07	60.03 5.09 -3.51	67.00 5.48 -6.23	53.68 4.39 0.00	48.60 4.05 0.00	42.68 3.09 0.00	40.31 2.50 0.00	40.34 3.16 0.00
HOLTSVILLE_IC_9 23698	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.29 2.37 0.00	40.21 2.53 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	62.04 4.40 -9.81	53.86 4.06 -2.00	51.42 3.41 0.00	49.88 3.70 0.00	50.62 3.60 -3.16	50.53 3.49 -3.87	51.66 3.49 -6.09	51.89 3.77 -5.28	52.08 4.05 -3.07	60.03 5.09 -3.51	67.00 5.48 -6.23	53.68 4.39 0.00	48.60 4.05 0.00	42.68 3.09 0.00	40.31 2.50 0.00	40.34 3.16 0.00
HOMER_HL_115KV_TB2 355744	37.10 -1.31 0.00	36.73 -1.06 0.00	35.14 -1.09 0.00	34.60 -1.18 0.00	34.59 -1.33 0.00	36.86 -0.83 0.00	43.25 -1.57 0.00	45.31 -1.94 0.00	45.97 -1.87 0.00	45.36 -2.44 0.00	45.71 -2.30 0.00	43.73 -2.45 0.00	41.27 -2.59 0.00	40.83 -2.33 0.00	40.32 -1.77 0.00	40.83 -2.01 0.00	42.89 -2.07 0.00	48.91 -2.52 0.00	53.70 -1.60 0.00	47.91 -1.38 0.00	43.17 -1.38 0.00	38.76 -0.83 0.00	36.87 -0.95 0.00	36.66 -0.52 0.00
HOWARD_WT_PWR 323690	36.02 -2.38 0.00	35.71 -2.08 0.00	34.09 -2.14 0.00	33.67 -2.11 0.00	33.69 -2.23 0.00	35.65 -2.04 0.00	42.04 -2.78 0.00	43.66 -3.59 0.00	44.34 -3.49 0.00	44.02 -3.78 0.00	44.27 -3.75 0.00	42.30 -3.88 0.00	39.83 -4.03 0.00	39.49 -3.67 0.00	38.80 -3.28 0.00	39.59 -3.26 0.00	41.63 -3.33 0.00	47.73 -3.70 0.00	52.59 -2.71 0.00	47.32 -1.97 0.00	42.76 -1.78 0.00	38.21 -1.39 0.00	36.60 -1.21 0.00	36.44 -0.74 0.00

HQ_GEN_CEDARS 23644	43.43 5.03 0.00	42.81 5.03 0.00	40.91 4.67 0.00	40.54 4.76 0.00	39.94 4.02 0.00	41.57 3.88 0.00	48.98 4.17 0.00	51.55 4.30 0.00	51.47 3.64 0.00	51.91 4.11 0.00	53.44 5.43 0.00	51.82 5.63 0.00	48.99 5.13 0.00	47.95 4.79 0.00	46.04 3.96 0.00	45.59 2.74 0.00	47.30 2.34 0.00	53.69 2.26 0.00	58.18 2.88 0.00	52.25 2.96 0.00	47.13 2.58 0.00	42.37 2.77 0.00	40.46 2.65 0.00	40.61 3.42 0.00
HQ_GEN_CEDARS_PROXY 323590	43.43 5.03 0.00	42.81 5.03 0.00	40.91 4.68 0.00	40.54 4.76 0.00	39.94 4.02 0.00	41.57 3.88 0.00	48.98 4.17 0.00	51.55 4.30 0.00	51.47 3.63 0.00	51.91 4.11 0.00	53.44 5.42 0.00	51.81 5.63 0.00	48.99 5.13 0.00	47.99 4.83 0.00	46.04 3.95 0.00	45.59 2.74 0.00	47.30 2.34 0.00	53.69 2.26 0.00	58.17 2.87 0.00	52.25 2.96 0.00	47.13 2.58 0.00	42.37 2.77 0.00	40.46 2.65 0.00	40.60 3.42 0.00
HQ_GEN_IMPORT 323601	38.48 0.08 0.00	37.90 0.11 0.00	36.30 0.07 0.00	35.85 0.07 0.00	35.95 0.04 0.00	37.80 0.11 0.00	44.77 -0.04 0.00	47.20 -0.05 0.00	47.69 -0.14 0.00	47.66 -0.14 0.00	47.92 -0.10 0.00	46.04 -0.14 0.00	43.73 -0.13 0.00	42.99 -0.17 0.00	41.87 -0.21 0.00	42.59 -0.26 0.00	44.65 -0.31 0.00	50.97 -0.46 0.00	54.75 -0.55 0.00	48.85 -0.44 0.00	44.14 -0.40 0.00	39.24 -0.36 0.00	37.44 -0.38 0.00	36.81 -0.37 0.00
HQ_GEN_WHEEL 23651	38.48 0.08 0.00	37.90 0.11 0.00	36.30 0.07 0.00	35.85 0.07 0.00	35.95 0.04 0.00	37.80 0.11 0.00	44.77 -0.04 0.00	47.20 -0.05 0.00	47.69 -0.14 0.00	47.66 -0.14 0.00	47.92 -0.10 0.00	46.04 -0.14 0.00	43.73 -0.13 0.00	42.99 -0.17 0.00	41.87 -0.21 0.00	42.59 -0.26 0.00	44.65 -0.31 0.00	50.97 -0.46 0.00	54.75 -0.55 0.00	48.85 -0.44 0.00	44.14 -0.40 0.00	39.24 -0.36 0.00	37.44 -0.38 0.00	36.81 -0.37 0.00
HUDSON AVE_GT_3 23810	40.05 1.65 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.90 2.65 0.00	50.61 2.77 0.00	50.72 2.92 0.00	50.80 2.78 0.00	49.05 2.86 0.00	46.67 2.81 0.00	45.97 2.81 0.00	44.73 2.65 0.00	45.80 2.96 0.00	48.06 3.10 0.00	55.03 3.60 0.00	59.06 3.76 0.00	52.64 3.35 0.00	47.53 2.98 0.00	41.93 2.34 0.00	39.93 2.12 0.00	39.15 1.97 0.00
HUDSON AVE_GT_4 23540	40.05 1.65 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.90 2.65 0.00	50.61 2.77 0.00	50.72 2.92 0.00	50.80 2.78 0.00	49.05 2.86 0.00	46.67 2.81 0.00	45.97 2.81 0.00	44.73 2.65 0.00	45.80 2.96 0.00	48.06 3.10 0.00	55.03 3.60 0.00	59.06 3.76 0.00	52.64 3.35 0.00	47.53 2.98 0.00	41.93 2.34 0.00	39.93 2.12 0.00	39.15 1.97 0.00
HUDSON AVE_GT_5 23657	40.05 1.65 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.90 2.65 0.00	50.61 2.77 0.00	50.72 2.92 0.00	50.80 2.78 0.00	49.05 2.86 0.00	46.67 2.81 0.00	45.97 2.81 0.00	44.73 2.65 0.00	45.80 2.96 0.00	48.06 3.10 0.00	55.03 3.60 0.00	59.06 3.76 0.00	52.64 3.35 0.00	47.53 2.98 0.00	41.93 2.34 0.00	39.93 2.12 0.00	39.15 1.97 0.00
HUDSON_AVE_10 24168	39.94 1.54 0.00	39.00 1.21 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.25 1.33 0.00	38.93 1.24 0.00	46.92 2.11 0.00	49.80 2.55 0.00	50.51 2.68 0.00	50.62 2.82 0.00	50.70 2.69 0.00	49.00 2.82 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.06 3.10 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.53 2.98 0.00	41.93 2.34 0.00	39.90 2.08 0.00	39.12 1.93 0.00
HUDSON___115KV_TB 4 355613	40.32 1.92 0.00	39.64 1.85 0.00	38.01 1.78 0.00	37.50 1.72 0.00	37.75 1.83 0.00	39.42 1.73 0.00	47.32 2.51 0.00	49.80 2.55 0.00	50.32 2.49 0.00	50.09 2.29 0.00	50.27 2.26 0.00	48.21 2.03 0.00	45.84 1.97 0.00	45.15 1.99 0.00	44.02 1.94 0.00	44.94 2.10 0.00	47.25 2.29 0.00	54.26 2.83 0.00	58.40 3.10 0.00	52.00 2.71 0.00	47.04 2.49 0.00	41.69 2.10 0.00	39.67 1.85 0.00	39.04 1.86 0.00
HUNTER MOUNT___DRP 323613	40.59 2.19 0.00	39.94 2.15 0.00	38.22 1.99 0.00	37.71 1.93 0.00	37.97 2.05 0.00	39.65 1.96 0.00	47.64 2.82 0.00	50.04 2.79 0.00	50.46 2.63 0.00	50.19 2.39 0.00	50.32 2.30 0.00	48.31 2.12 0.00	45.84 1.97 0.00	45.19 2.03 0.00	44.06 1.98 0.00	44.99 2.14 0.00	47.30 2.34 0.00	54.41 2.98 0.00	58.51 3.21 0.00	52.10 2.81 0.00	47.13 2.58 0.00	41.77 2.18 0.00	39.78 1.97 0.00	39.15 1.97 0.00
HUNTINGTON_RES_REC 323705	40.94 2.53 0.00	39.94 2.15 0.00	38.22 1.99 0.00	37.68 1.90 0.00	37.96 2.05 0.00	39.84 2.15 0.00	57.00 3.32 -8.87	61.22 3.45 -10.52	61.23 3.59 -9.81	53.62 3.83 -2.00	51.23 3.22 0.00	49.79 3.60 0.00	50.53 3.51 -3.16	50.49 3.45 -3.87	51.45 3.28 -6.09	51.72 3.60 -5.28	51.81 3.78 -3.07	59.06 4.12 -3.51	65.95 4.43 -6.23	53.19 3.89 0.00	48.47 3.92 0.00	42.64 3.05 0.00	40.27 2.46 0.00	40.01 2.82 0.00
HUNTLEY___63 23557	35.91 -2.50 0.00	35.63 -2.15 0.00	34.06 -2.17 0.00	33.53 -2.25 0.00	33.51 -2.41 0.00	35.77 -1.92 0.00	41.68 -3.14 0.00	43.75 -3.50 0.00	44.44 -3.40 0.00	43.98 -3.82 0.00	44.46 -3.55 0.00	42.58 -3.60 0.00	40.22 -3.64 0.00	39.79 -3.37 0.00	39.43 -2.65 0.00	39.72 -3.13 0.00	41.59 -3.37 0.00	47.26 -4.17 0.00	51.82 -3.48 0.00	46.14 -3.15 0.00	41.70 -2.85 0.00	37.69 -1.90 0.00	35.89 -1.93 0.00	35.62 -1.56 0.00
HUNTLEY___64 23558	35.91 -2.50 0.00	35.63 -2.15 0.00	34.06 -2.17 0.00	33.53 -2.25 0.00	33.51 -2.41 0.00	35.77 -1.92 0.00	41.68 -3.14 0.00	43.75 -3.50 0.00	44.44 -3.40 0.00	43.98 -3.82 0.00	44.46 -3.55 0.00	42.58 -3.60 0.00	40.22 -3.64 0.00	39.79 -3.37 0.00	39.43 -2.65 0.00	39.72 -3.13 0.00	41.59 -3.37 0.00	47.26 -4.17 0.00	51.82 -3.48 0.00	46.14 -3.15 0.00	41.70 -2.85 0.00	37.69 -1.90 0.00	35.89 -1.93 0.00	35.62 -1.56 0.00
HUNTLEY___65 23559	35.91 -2.50 0.00	35.63 -2.15 0.00	34.06 -2.17 0.00	33.53 -2.25 0.00	33.51 -2.41 0.00	35.77 -1.92 0.00	41.68 -3.14 0.00	43.75 -3.50 0.00	44.44 -3.40 0.00	43.98 -3.82 0.00	44.46 -3.55 0.00	42.58 -3.60 0.00	40.22 -3.64 0.00	39.79 -3.37 0.00	39.43 -2.65 0.00	39.72 -3.13 0.00	41.59 -3.37 0.00	47.26 -4.17 0.00	51.82 -3.48 0.00	46.14 -3.15 0.00	41.70 -2.85 0.00	37.69 -1.90 0.00	35.89 -1.93 0.00	35.62 -1.56 0.00
HUNTLEY___66 23560	35.91 -2.50 0.00	35.63 -2.15 0.00	34.06 -2.17 0.00	33.53 -2.25 0.00	33.51 -2.41 0.00	35.77 -1.92 0.00	41.68 -3.14 0.00	43.75 -3.50 0.00	44.44 -3.40 0.00	43.98 -3.82 0.00	44.46 -3.55 0.00	42.58 -3.60 0.00	40.22 -3.64 0.00	39.79 -3.37 0.00	39.43 -2.65 0.00	39.72 -3.13 0.00	41.59 -3.37 0.00	47.26 -4.17 0.00	51.82 -3.48 0.00	46.14 -3.15 0.00	41.70 -2.85 0.00	37.69 -1.90 0.00	35.89 -1.93 0.00	35.62 -1.56 0.00

HUNTLEY___67 23561	35.87 -2.53 0.00	35.56 -2.23 0.00	34.02 -2.21 0.00	33.46 -2.33 0.00	33.44 -2.48 0.00	35.69 -2.00 0.00	41.59 -3.23 0.00	43.66 -3.59 0.00	44.34 -3.49 0.00	43.88 -3.92 0.00	44.36 -3.65 0.00	42.49 -3.69 0.00	40.13 -3.73 0.00	39.66 -3.50 0.00	39.31 -2.78 0.00	39.67 -3.17 0.00	41.54 -3.42 0.00	47.16 -4.27 0.00	51.65 -3.65 0.00	46.04 -3.25 0.00	41.61 -2.94 0.00	37.58 -2.02 0.00	35.81 -2.00 0.00	35.59 -1.60 0.00
HUNTLEY___68 23562	35.87 -2.53 0.00	35.56 -2.23 0.00	34.02 -2.21 0.00	33.46 -2.33 0.00	33.44 -2.48 0.00	35.69 -2.00 0.00	41.59 -3.23 0.00	43.66 -3.59 0.00	44.34 -3.49 0.00	43.88 -3.92 0.00	44.36 -3.65 0.00	42.49 -3.69 0.00	40.13 -3.73 0.00	39.66 -3.50 0.00	39.31 -2.78 0.00	39.67 -3.17 0.00	41.54 -3.42 0.00	47.16 -4.27 0.00	51.65 -3.65 0.00	46.04 -3.25 0.00	41.61 -2.94 0.00	37.58 -2.02 0.00	35.81 -2.00 0.00	35.59 -1.60 0.00
HYLAND___LFGE 323620	37.71 -0.69 0.00	37.34 -0.45 0.00	35.65 -0.58 0.00	35.10 -0.68 0.00	35.20 -0.72 0.00	37.58 -0.11 0.00	44.37 -0.45 0.00	46.31 -0.94 0.00	46.26 -1.58 0.00	45.84 -1.96 0.00	45.81 -2.21 0.00	43.69 -2.49 0.00	41.01 -2.85 0.00	40.66 -2.50 0.00	39.94 -2.14 0.00	40.61 -2.23 0.00	42.85 -2.11 0.00	49.58 -1.85 0.00	54.86 -0.44 0.00	49.39 0.10 0.00	44.82 0.27 0.00	40.11 0.51 0.00	38.08 0.27 0.00	37.52 0.33 0.00
INDECK___CORINTH 23802	41.55 3.15 0.00	40.81 3.02 0.00	39.16 2.93 0.00	38.68 2.90 0.00	39.01 3.09 0.00	40.85 3.17 0.00	49.21 4.39 0.00	51.88 4.63 0.00	52.76 4.93 0.00	52.58 4.78 0.00	52.67 4.66 0.00	50.52 4.34 0.00	47.98 4.12 0.00	47.26 4.10 0.00	45.91 3.83 0.00	46.87 4.03 0.00	49.37 4.41 0.00	56.57 5.14 0.00	60.72 5.42 0.00	54.07 4.78 0.00	48.87 4.32 0.00	43.32 3.72 0.00	41.11 3.29 0.00	40.34 3.16 0.00
INDECK___ILION 23567	38.40 0.00 0.00	37.86 0.08 0.00	36.38 0.14 0.00	35.96 0.18 0.00	36.10 0.18 0.00	37.84 0.15 0.00	45.13 0.31 0.00	47.63 0.38 0.00	48.17 0.33 0.00	48.09 0.29 0.00	48.35 0.34 0.00	46.46 0.28 0.00	44.08 0.22 0.00	43.33 0.17 0.00	42.08 0.00 0.00	42.84 0.00 0.00	44.96 0.00 0.00	51.43 0.00 0.00	55.24 -0.06 0.00	49.24 -0.05 0.00	44.50 -0.04 0.00	39.55 -0.04 0.00	37.70 -0.11 0.00	37.04 -0.15 0.00
INDECK___OLEAN 23982	37.10 -1.31 0.00	36.73 -1.06 0.00	35.15 -1.09 0.00	34.60 -1.18 0.00	34.59 -1.33 0.00	36.86 -0.83 0.00	43.24 -1.57 0.00	45.36 -1.89 0.00	45.97 -1.87 0.00	45.36 -2.44 0.00	45.71 -2.30 0.00	43.73 -2.45 0.00	41.27 -2.59 0.00	41.09 -2.07 0.00	40.32 -1.77 0.00	40.83 -2.01 0.00	42.89 -2.07 0.00	48.91 -2.52 0.00	53.69 -1.61 0.00	47.91 -1.38 0.00	43.16 -1.38 0.00	38.76 -0.83 0.00	36.87 -0.94 0.00	36.66 -0.52 0.00
INDECK___OSWEGO 23783	38.40 0.00 0.00	37.86 0.08 0.00	36.20 -0.04 0.00	35.78 0.00 0.00	35.92 0.00 0.00	37.80 0.11 0.00	44.95 0.13 0.00	47.35 0.09 0.00	47.98 0.14 0.00	47.94 0.14 0.00	48.30 0.29 0.00	46.41 0.23 0.00	43.91 0.04 0.00	43.20 0.04 0.00	42.17 0.08 0.00	42.84 0.00 0.00	44.96 0.00 0.00	51.53 0.10 0.00	55.63 0.33 0.00	49.74 0.44 0.00	44.90 0.35 0.00	39.99 0.40 0.00	38.23 0.42 0.00	37.52 0.33 0.00
INDECK___YERKES 23781	35.94 -2.46 0.00	35.67 -2.12 0.00	34.09 -2.14 0.00	33.56 -2.22 0.00	33.55 -2.37 0.00	35.84 -1.85 0.00	41.72 -3.09 0.00	43.80 -3.45 0.00	44.48 -3.35 0.00	44.02 -3.78 0.00	44.56 -3.46 0.00	42.63 -3.56 0.00	40.27 -3.60 0.00	40.27 -2.89 0.00	39.47 -2.61 0.00	39.76 -3.09 0.00	41.63 -3.33 0.00	47.31 -4.12 0.00	51.87 -3.43 0.00	46.19 -3.10 0.00	41.74 -2.81 0.00	37.73 -1.86 0.00	35.93 -1.89 0.00	35.66 -1.53 0.00
INDIAN POINT_GT_1 24139	39.71 1.31 0.00	38.88 1.10 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.07 1.15 0.00	38.74 1.06 0.00	46.61 1.79 0.00	49.38 2.13 0.00	50.08 2.25 0.00	50.09 2.29 0.00	50.22 2.21 0.00	48.44 2.26 0.00	46.05 2.19 0.00	45.36 2.20 0.00	44.19 2.10 0.00	45.20 2.36 0.00	47.43 2.47 0.00	54.36 2.93 0.00	58.34 3.04 0.00	52.00 2.71 0.00	46.95 2.41 0.00	41.49 1.90 0.00	39.44 1.63 0.00	38.71 1.52 0.00
INDIAN POINT_GT_2 23659	39.71 1.31 0.00	38.88 1.10 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.07 1.15 0.00	38.74 1.06 0.00	46.61 1.79 0.00	49.38 2.13 0.00	50.08 2.25 0.00	50.09 2.29 0.00	50.22 2.21 0.00	48.44 2.26 0.00	46.05 2.19 0.00	45.36 2.20 0.00	44.19 2.10 0.00	45.20 2.36 0.00	47.43 2.47 0.00	54.36 2.93 0.00	58.34 3.04 0.00	52.00 2.71 0.00	46.95 2.41 0.00	41.49 1.90 0.00	39.44 1.63 0.00	38.71 1.52 0.00
INDIAN POINT_GT_3 24019	39.71 1.31 0.00	38.88 1.10 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.07 1.15 0.00	38.74 1.06 0.00	46.61 1.79 0.00	49.38 2.13 0.00	50.08 2.25 0.00	50.09 2.29 0.00	50.22 2.21 0.00	48.44 2.26 0.00	46.05 2.19 0.00	45.36 2.20 0.00	44.19 2.10 0.00	45.20 2.36 0.00	47.43 2.47 0.00	54.36 2.93 0.00	58.34 3.04 0.00	52.00 2.71 0.00	46.95 2.41 0.00	41.49 1.90 0.00	39.44 1.63 0.00	38.71 1.52 0.00
INDIAN POINT___2 23530	39.59 1.19 0.00	38.77 0.98 0.00	37.21 0.98 0.00	36.75 0.97 0.00	36.96 1.04 0.00	38.63 0.94 0.00	46.47 1.66 0.00	49.19 1.94 0.00	49.89 2.06 0.00	49.90 2.10 0.00	50.03 2.02 0.00	48.26 2.08 0.00	45.88 2.02 0.00	45.10 1.94 0.00	44.02 1.94 0.00	44.98 2.14 0.00	47.25 2.29 0.00	54.10 2.67 0.00	58.12 2.82 0.00	51.81 2.51 0.00	46.77 2.23 0.00	41.33 1.74 0.00	39.29 1.47 0.00	38.56 1.38 0.00
INDIAN POINT___3 23531	39.75 1.34 0.00	38.88 1.10 0.00	37.35 1.12 0.00	36.89 1.11 0.00	37.10 1.19 0.00	38.78 1.09 0.00	46.65 1.84 0.00	49.38 2.13 0.00	50.13 2.30 0.00	50.14 2.34 0.00	50.27 2.26 0.00	48.49 2.31 0.00	46.10 2.24 0.00	45.40 2.24 0.00	44.23 2.15 0.00	45.24 2.40 0.00	47.48 2.52 0.00	54.36 2.93 0.00	58.40 3.10 0.00	52.05 2.76 0.00	47.00 2.45 0.00	41.49 1.90 0.00	39.48 1.66 0.00	38.75 1.56 0.00
INGHAM_C_115KV_TB7 356103	38.02 -0.38 0.00	37.56 -0.23 0.00	36.16 -0.07 0.00	35.78 0.00 0.00	35.92 0.00 0.00	37.65 -0.04 0.00	44.90 0.09 0.00	47.35 0.09 0.00	47.88 0.05 0.00	47.80 0.00 0.00	48.01 0.00 0.00	46.14 -0.05 0.00	43.69 -0.18 0.00	42.86 -0.30 0.00	41.54 -0.55 0.00	42.24 -0.60 0.00	44.29 -0.67 0.00	50.66 -0.77 0.00	54.42 -0.88 0.00	48.50 -0.79 0.00	43.83 -0.71 0.00	38.96 -0.63 0.00	37.14 -0.68 0.00	36.48 -0.71 0.00
IP CORINTH___1 23988	41.55 3.15 0.00	40.81 3.02 0.00	39.17 2.93 0.00	38.68 2.90 0.00	39.01 3.09 0.00	40.85 3.17 0.00	49.21 4.39 0.00	51.88 4.63 0.00	52.76 4.93 0.00	52.58 4.78 0.00	52.67 4.66 0.00	50.52 4.34 0.00	47.98 4.12 0.00	47.26 4.10 0.00	45.91 3.83 0.00	46.87 4.03 0.00	49.37 4.41 0.00	56.57 5.14 0.00	60.72 5.42 0.00	54.07 4.78 0.00	48.87 4.32 0.00	43.32 3.72 0.00	41.11 3.29 0.00	40.34 3.16 0.00

IP___TICONDEROGA 23804	42.70 4.30 0.00	41.98 4.19 0.00	40.25 4.02 0.00	39.75 3.97 0.00	40.19 4.27 0.00	42.10 4.41 0.00	50.82 6.01 0.00	53.54 6.28 0.00	54.72 6.89 0.00	54.49 6.69 0.00	54.69 6.67 0.00	52.37 6.19 0.00	49.65 5.79 0.00	48.94 5.78 0.00	47.47 5.39 0.00	48.50 5.66 0.00	51.12 6.16 0.00	58.63 7.20 0.00	63.04 7.74 0.00	56.09 6.80 0.00	50.78 6.24 0.00	44.82 5.23 0.00	42.47 4.65 0.00	41.65 4.46 0.00
ISLIP_RES_REC 323679	41.43 3.03 0.00	40.43 2.64 0.00	38.70 2.46 0.00	38.14 2.36 0.00	38.39 2.48 0.00	40.36 2.68 0.00	57.63 3.94 -8.87	62.21 4.44 -10.52	62.28 4.64 -9.81	54.10 4.30 -2.00	51.66 3.65 0.00	50.11 3.92 0.00	50.84 3.81 -3.16	50.78 3.75 -3.87	51.87 3.70 -6.09	52.15 4.03 -5.28	52.31 4.27 -3.07	60.34 5.40 -3.51	67.33 5.81 -6.23	53.98 4.69 0.00	48.82 4.28 0.00	42.84 3.25 0.00	40.46 2.65 0.00	40.49 3.31 0.00
JAMAICA__27_KV_LOAD 355505	40.24 1.84 0.00	39.22 1.44 0.00	37.72 1.49 0.00	37.25 1.47 0.00	37.46 1.54 0.00	39.23 1.55 0.00	47.32 2.51 0.00	50.28 3.02 0.00	50.89 3.06 0.00	51.00 3.20 0.00	51.09 3.07 0.00	49.41 3.23 0.00	47.06 3.20 0.00	46.40 3.24 0.00	45.11 3.03 0.00	46.23 3.38 0.00	48.56 3.60 0.00	55.49 4.06 0.00	59.56 4.26 0.00	53.14 3.84 0.00	48.15 3.61 0.00	42.37 2.77 0.00	40.27 2.46 0.00	39.42 2.23 0.00
JANIS___SOLAR 323808	39.32 0.92 0.00	38.84 1.06 0.00	37.10 0.87 0.00	36.71 0.93 0.00	36.78 0.86 0.00	38.86 1.17 0.00	46.38 1.57 0.00	48.81 1.56 0.00	49.22 1.39 0.00	48.85 1.05 0.00	49.12 1.11 0.00	47.06 0.88 0.00	44.65 0.79 0.00	43.98 0.82 0.00	43.05 0.97 0.00	43.83 0.99 0.00	46.22 1.26 0.00	53.12 1.69 0.00	57.57 2.27 0.00	51.46 2.17 0.00	46.37 1.83 0.00	41.30 1.70 0.00	39.29 1.47 0.00	38.60 1.41 0.00
JARVIS____ 23743	38.63 0.23 0.00	38.02 0.23 0.00	36.45 0.22 0.00	36.00 0.22 0.00	36.14 0.22 0.00	37.88 0.19 0.00	45.13 0.32 0.00	47.63 0.38 0.00	48.21 0.38 0.00	48.18 0.38 0.00	48.40 0.38 0.00	46.55 0.37 0.00	44.26 0.39 0.00	43.55 0.39 0.00	42.42 0.34 0.00	43.18 0.34 0.00	45.36 0.40 0.00	51.89 0.46 0.00	55.80 0.50 0.00	49.69 0.39 0.00	44.90 0.35 0.00	39.91 0.32 0.00	38.12 0.30 0.00	37.45 0.26 0.00
JENNISON___1 23625	39.67 1.27 0.00	39.15 1.36 0.00	37.39 1.16 0.00	37.03 1.25 0.00	37.07 1.15 0.00	39.12 1.43 0.00	46.79 1.97 0.00	49.33 2.08 0.00	49.84 2.01 0.00	49.57 1.77 0.00	49.89 1.87 0.00	47.89 1.71 0.00	45.44 1.58 0.00	44.76 1.60 0.00	43.72 1.64 0.00	44.51 1.67 0.00	46.89 1.93 0.00	53.80 2.37 0.00	58.07 2.77 0.00	51.86 2.56 0.00	46.68 2.14 0.00	41.57 1.98 0.00	39.48 1.66 0.00	38.78 1.60 0.00
JENNISON___2 23626	39.67 1.27 0.00	39.15 1.36 0.00	37.39 1.16 0.00	37.03 1.25 0.00	37.07 1.15 0.00	39.12 1.43 0.00	46.79 1.97 0.00	49.33 2.08 0.00	49.84 2.01 0.00	49.57 1.77 0.00	49.89 1.87 0.00	47.89 1.71 0.00	45.44 1.58 0.00	44.76 1.60 0.00	43.72 1.64 0.00	44.51 1.67 0.00	46.89 1.93 0.00	53.80 2.37 0.00	58.07 2.77 0.00	51.86 2.56 0.00	46.68 2.14 0.00	41.57 1.98 0.00	39.48 1.66 0.00	38.78 1.60 0.00
JERICHO_RISE_WT_PWR 323719	38.98 0.58 0.00	38.36 0.57 0.00	36.78 0.54 0.00	36.28 0.50 0.00	36.31 0.40 0.00	38.22 0.53 0.00	45.22 0.40 0.00	47.63 0.38 0.00	47.93 0.10 0.00	47.99 0.19 0.00	48.21 0.19 0.00	46.27 0.09 0.00	43.86 0.00 0.00	42.99 -0.17 0.00	41.74 -0.34 0.00	42.12 -0.73 0.00	43.97 -0.99 0.00	50.04 -1.39 0.00	53.64 -1.66 0.00	47.91 -1.38 0.00	43.35 -1.20 0.00	38.49 -1.11 0.00	36.60 -1.21 0.00	36.10 -1.08 0.00
KATONAH___115KV_46KV_TB4 355592	40.09 1.69 0.00	39.30 1.51 0.00	37.72 1.49 0.00	37.21 1.43 0.00	37.50 1.58 0.00	39.16 1.47 0.00	47.10 2.29 0.00	49.90 2.65 0.00	50.65 2.82 0.00	50.72 2.92 0.00	50.94 2.93 0.00	49.14 2.96 0.00	46.67 2.81 0.00	45.97 2.81 0.00	44.78 2.69 0.00	45.89 3.04 0.00	48.11 3.15 0.00	55.08 3.65 0.00	59.17 3.87 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.82 2.00 0.00	39.01 1.82 0.00
KCE_NY_1 323755	40.71 2.30 0.00	39.98 2.19 0.00	38.37 2.14 0.00	37.89 2.11 0.00	38.15 2.23 0.00	39.95 2.26 0.00	47.95 3.14 0.00	50.56 3.31 0.00	51.28 3.45 0.00	51.19 3.39 0.00	51.32 3.31 0.00	49.32 3.14 0.00	46.89 3.02 0.00	46.18 3.02 0.00	44.95 2.86 0.00	45.84 3.00 0.00	48.24 3.28 0.00	55.24 3.81 0.00	59.34 4.03 0.00	52.79 3.50 0.00	47.76 3.21 0.00	42.29 2.69 0.00	40.24 2.42 0.00	39.53 2.34 0.00
KCE_NY_6_ESR 323823	36.48 -1.92 0.00	36.16 -1.62 0.00	34.57 -1.67 0.00	34.03 -1.75 0.00	33.98 -1.94 0.00	36.29 -1.39 0.00	42.35 -2.46 0.00	44.46 -2.79 0.00	45.11 -2.72 0.00	44.60 -3.20 0.00	45.13 -2.88 0.00	43.18 -3.00 0.00	40.79 -3.07 0.00	40.74 -2.42 0.00	39.98 -2.10 0.00	40.32 -2.53 0.00	42.26 -2.70 0.00	48.09 -3.34 0.00	52.70 -2.60 0.00	46.98 -2.32 0.00	42.36 -2.18 0.00	38.25 -1.35 0.00	36.38 -1.44 0.00	36.10 -1.08 0.00
KEDC_PORT_JEFF_GT2 24210	41.24 2.84 0.00	40.28 2.49 0.00	38.52 2.28 0.00	38.00 2.22 0.00	38.25 2.33 0.00	40.17 2.49 0.00	57.41 3.72 -8.87	61.93 4.16 -10.52	61.99 4.35 -9.81	53.86 4.06 -2.00	51.42 3.41 0.00	49.88 3.70 0.00	50.62 3.60 -3.16	50.57 3.54 -3.87	51.66 3.49 -6.09	51.93 3.81 -5.28	52.08 4.05 -3.07	59.98 5.04 -3.51	66.95 5.42 -6.23	53.68 4.39 0.00	48.60 4.05 0.00	42.68 3.09 0.00	40.31 2.50 0.00	40.31 3.12 0.00
KEDC_PORT_JEFF_GT3 24211	41.24 2.84 0.00	40.28 2.49 0.00	38.52 2.28 0.00	38.00 2.22 0.00	38.25 2.33 0.00	40.17 2.49 0.00	57.41 3.72 -8.87	61.93 4.16 -10.52	61.99 4.35 -9.81	53.86 4.06 -2.00	51.42 3.41 0.00	49.88 3.70 0.00	50.62 3.60 -3.16	50.57 3.54 -3.87	51.66 3.49 -6.09	51.93 3.81 -5.28	52.08 4.05 -3.07	59.98 5.04 -3.51	66.95 5.42 -6.23	53.68 4.39 0.00	48.60 4.05 0.00	42.68 3.09 0.00	40.31 2.50 0.00	40.31 3.12 0.00
KEDC_GLWD_GT4 24219	40.71 2.30 0.00	39.75 1.96 0.00	38.08 1.85 0.00	37.57 1.79 0.00	37.82 1.90 0.00	39.65 1.96 0.00	56.65 2.96 -8.87	61.17 3.40 -10.52	61.23 3.59 -9.81	53.53 3.73 -2.00	51.47 3.46 0.00	49.88 3.70 0.00	50.62 3.60 -3.16	50.57 3.54 -3.87	51.62 3.45 -6.09	51.85 3.73 -5.28	51.94 3.91 -3.07	59.41 4.47 -3.51	66.28 4.76 -6.23	53.38 4.09 0.00	48.24 3.70 0.00	42.57 2.97 0.00	40.35 2.53 0.00	39.75 2.56 0.00
KEDC_GLWD_GT5 24220	40.71 2.30 0.00	39.75 1.96 0.00	38.08 1.85 0.00	37.57 1.79 0.00	37.82 1.90 0.00	39.65 1.96 0.00	56.65 2.96 -8.87	61.17 3.40 -10.52	61.23 3.59 -9.81	53.53 3.73 -2.00	51.47 3.46 0.00	49.88 3.70 0.00	50.62 3.60 -3.16	50.57 3.54 -3.87	51.62 3.45 -6.09	51.85 3.73 -5.28	51.94 3.91 -3.07	59.41 4.47 -3.51	66.28 4.76 -6.23	53.38 4.09 0.00	48.24 3.70 0.00	42.57 2.97 0.00	40.35 2.53 0.00	39.75 2.56 0.00

KENSICO____ 23655	39.90 1.50 0.00	39.03 1.25 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.25 1.33 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.66 2.41 0.00	50.42 2.58 0.00	50.48 2.68 0.00	50.56 2.54 0.00	48.77 2.59 0.00	46.41 2.54 0.00	45.71 2.55 0.00	44.48 2.40 0.00	45.54 2.70 0.00	47.79 2.83 0.00	54.72 3.29 0.00	58.78 3.48 0.00	52.35 3.06 0.00	47.26 2.72 0.00	41.73 2.14 0.00	39.71 1.89 0.00	38.93 1.75 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	39.86 1.46 0.00	39.07 1.28 0.00	37.43 1.20 0.00	36.93 1.14 0.00	37.18 1.26 0.00	38.86 1.17 0.00	46.83 2.02 0.00	49.42 2.17 0.00	50.03 2.20 0.00	49.90 2.10 0.00	49.98 1.97 0.00	48.17 1.99 0.00	45.75 1.89 0.00	45.06 1.90 0.00	43.93 1.85 0.00	44.99 2.14 0.00	47.25 2.29 0.00	54.31 2.88 0.00	58.29 2.99 0.00	52.00 2.71 0.00	46.95 2.41 0.00	41.46 1.86 0.00	39.40 1.59 0.00	38.67 1.49 0.00
KIAC_JFK_GT1 23816	40.01 1.61 0.00	39.03 1.25 0.00	37.54 1.30 0.00	37.07 1.29 0.00	37.28 1.36 0.00	39.01 1.32 0.00	47.06 2.24 0.00	49.99 2.74 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.61 2.59 0.00	49.18 3.00 0.00	46.84 2.98 0.00	46.14 2.98 0.00	44.90 2.82 0.00	45.97 3.13 0.00	48.29 3.33 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.64 3.35 0.00	47.89 3.34 0.00	42.13 2.53 0.00	40.09 2.27 0.00	39.23 2.05 0.00
KIAC_JFK_GT2 23817	40.01 1.61 0.00	39.03 1.25 0.00	37.54 1.30 0.00	37.07 1.29 0.00	37.28 1.36 0.00	39.01 1.32 0.00	47.06 2.24 0.00	49.99 2.74 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.61 2.59 0.00	49.18 3.00 0.00	46.84 2.98 0.00	46.14 2.98 0.00	44.90 2.82 0.00	45.97 3.13 0.00	48.29 3.33 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.64 3.35 0.00	47.89 3.34 0.00	42.13 2.53 0.00	40.09 2.27 0.00	39.23 2.05 0.00
KIAC_JFK____ 323774	40.01 1.61 0.00	39.03 1.25 0.00	37.50 1.27 0.00	37.07 1.29 0.00	37.28 1.36 0.00	39.01 1.32 0.00	47.05 2.24 0.00	49.99 2.74 0.00	50.46 2.63 0.00	50.57 2.77 0.00	50.60 2.59 0.00	49.18 3.00 0.00	46.85 2.98 0.00	46.05 2.89 0.00	44.90 2.82 0.00	45.97 3.13 0.00	48.29 3.33 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.65 3.35 0.00	47.89 3.34 0.00	42.13 2.54 0.00	40.09 2.27 0.00	39.23 2.04 0.00
KINTIGH____ 23543	35.75 -2.65 0.00	35.41 -2.38 0.00	33.88 -2.36 0.00	33.31 -2.47 0.00	33.33 -2.59 0.00	35.46 -2.22 0.00	41.50 -3.32 0.00	43.57 -3.69 0.00	44.25 -3.59 0.00	43.93 -3.87 0.00	44.36 -3.65 0.00	42.49 -3.69 0.00	40.18 -3.68 0.00	39.71 -3.45 0.00	39.22 -2.86 0.00	39.63 -3.21 0.00	41.50 -3.46 0.00	47.16 -4.27 0.00	51.48 -3.82 0.00	45.84 -3.45 0.00	41.47 -3.07 0.00	37.42 -2.18 0.00	35.70 -2.12 0.00	35.36 -1.82 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.78 1.38 0.00	39.19 1.40 0.00	37.50 1.27 0.00	37.00 1.22 0.00	37.00 1.08 0.00	39.08 1.39 0.00	46.25 1.43 0.00	48.76 1.51 0.00	48.93 1.10 0.00	48.95 1.15 0.00	49.07 1.06 0.00	47.01 0.83 0.00	44.52 0.66 0.00	43.51 0.35 0.00	42.08 0.00 0.00	42.37 -0.47 0.00	44.15 -0.81 0.00	50.20 -1.23 0.00	53.81 -1.49 0.00	48.01 -1.28 0.00	43.48 -1.07 0.00	38.49 -1.11 0.00	36.53 -1.29 0.00	35.99 -1.19 0.00
LACHUTE____HYDRO 323717	42.70 4.30 0.00	41.98 4.19 0.00	40.29 4.06 0.00	39.75 3.97 0.00	40.19 4.27 0.00	42.10 4.41 0.00	50.82 6.01 0.00	53.54 6.29 0.00	54.72 6.89 0.00	54.49 6.69 0.00	54.68 6.67 0.00	52.37 6.19 0.00	49.65 5.79 0.00	48.95 5.79 0.00	47.47 5.39 0.00	48.50 5.65 0.00	51.12 6.16 0.00	58.63 7.20 0.00	63.04 7.74 0.00	56.10 6.80 0.00	50.78 6.24 0.00	44.82 5.23 0.00	42.47 4.65 0.00	41.64 4.46 0.00
LAWRNCV_115KV_TB1 80681	42.74 4.34 0.00	42.13 4.35 0.00	40.25 4.02 0.00	39.90 4.11 0.00	39.29 3.38 0.00	40.85 3.17 0.00	48.18 3.36 0.00	50.70 3.45 0.00	50.56 2.73 0.00	51.10 3.30 0.00	52.57 4.56 0.00	50.98 4.80 0.00	48.25 4.39 0.00	47.22 4.06 0.00	45.28 3.20 0.00	44.81 1.97 0.00	46.49 1.53 0.00	52.77 1.34 0.00	57.18 1.88 0.00	51.36 2.07 0.00	46.33 1.78 0.00	41.65 2.06 0.00	39.78 1.97 0.00	39.94 2.75 0.00
LEDERLE____ 23769	39.82 1.42 0.00	39.00 1.21 0.00	37.39 1.16 0.00	36.93 1.14 0.00	37.18 1.26 0.00	38.86 1.17 0.00	46.74 1.93 0.00	49.47 2.22 0.00	50.22 2.39 0.00	50.24 2.44 0.00	50.37 2.35 0.00	48.58 2.40 0.00	46.14 2.28 0.00	45.45 2.29 0.00	44.27 2.19 0.00	45.29 2.44 0.00	47.52 2.56 0.00	54.46 3.03 0.00	58.51 3.21 0.00	52.10 2.81 0.00	47.04 2.49 0.00	41.57 1.98 0.00	39.52 1.70 0.00	38.78 1.60 0.00
LIGHTHSE_115KV_TB6 355974	38.36 -0.04 0.00	37.83 0.04 0.00	36.16 -0.07 0.00	35.78 0.00 0.00	35.85 -0.07 0.00	37.76 0.08 0.00	44.86 0.04 0.00	47.25 0.00 0.00	47.69 -0.14 0.00	47.66 -0.14 0.00	48.06 0.05 0.00	46.18 0.00 0.00	43.73 -0.13 0.00	42.99 -0.17 0.00	41.96 -0.13 0.00	42.59 -0.26 0.00	44.69 -0.27 0.00	51.22 -0.21 0.00	55.41 0.11 0.00	49.59 0.30 0.00	44.77 0.22 0.00	39.87 0.28 0.00	38.04 0.23 0.00	37.41 0.22 0.00
LINDEN COGEN____ 23786	39.74 1.34 0.00	38.81 1.02 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.10 1.18 0.00	38.74 1.05 0.00	46.65 1.84 0.00	49.52 2.27 0.00	50.27 2.44 0.00	50.33 2.53 0.00	50.41 2.40 0.00	48.63 2.45 0.00	46.32 2.45 0.00	45.53 2.37 0.00	44.40 2.31 0.00	45.41 2.57 0.00	47.70 2.74 0.00	53.91 3.14 0.66	57.30 3.26 1.26	52.20 2.91 0.00	47.17 2.63 0.00	41.61 2.02 0.00	39.63 1.82 0.00	38.86 1.67 0.00
LINDHRST_69_KV_BK1 356055	41.13 2.73 0.00	40.17 2.38 0.00	38.44 2.21 0.00	37.93 2.15 0.00	38.18 2.26 0.00	40.06 2.37 0.00	57.18 3.50 -8.87	61.74 3.97 -10.52	61.75 4.11 -9.81	53.91 4.11 -2.00	51.71 3.70 0.00	50.06 3.88 0.00	50.84 3.82 -3.16	50.79 3.75 -3.87	51.83 3.66 -6.09	52.06 3.94 -5.28	52.21 4.18 -3.07	59.93 4.99 -3.51	66.84 5.31 -6.23	53.83 4.53 0.00	48.69 4.14 0.00	42.92 3.33 0.00	40.58 2.76 0.00	40.20 3.01 0.00
LIPA_MISC_IPP 23656	41.13 2.73 0.00	40.13 2.34 0.00	38.41 2.17 0.00	37.89 2.11 0.00	38.15 2.23 0.00	40.06 2.37 0.00	57.27 3.59 -8.87	61.83 4.06 -10.52	61.85 4.21 -9.81	53.53 3.73 -2.00	50.94 2.93 0.00	49.37 3.19 0.00	50.18 3.16 -3.16	50.18 3.15 -3.87	51.20 3.03 -6.09	51.46 3.34 -5.28	51.59 3.55 -3.07	59.57 4.63 -3.51	66.56 5.03 -6.23	53.19 3.89 0.00	48.20 3.65 0.00	42.29 2.69 0.00	39.93 2.12 0.00	40.20 3.01 0.00
LISF__SOLAR 323691	41.20 2.80 0.00	40.21 2.42 0.00	38.48 2.25 0.00	37.93 2.15 0.00	38.22 2.30 0.00	40.14 2.45 0.00	57.36 3.68 -8.87	61.93 4.16 -10.52	61.95 4.31 -9.81	53.57 3.78 -2.00	50.99 2.98 0.00	49.41 3.23 0.00	50.18 3.16 -3.16	50.14 3.11 -3.87	51.24 3.07 -6.09	51.50 3.38 -5.28	51.63 3.60 -3.07	59.77 4.83 -3.51	66.72 5.20 -6.23	53.28 3.99 0.00	48.29 3.74 0.00	42.32 2.73 0.00	39.97 2.15 0.00	40.27 3.08 0.00

LITTLE FALLS___HYD 24013	38.02 -0.38 0.00	37.56 -0.23 0.00	36.16 -0.07 0.00	35.78 0.00 0.00	35.92 0.00 0.00	37.65 -0.04 0.00	44.90 0.09 0.00	47.35 0.09 0.00	47.88 0.05 0.00	47.80 0.00 0.00	48.01 0.00 0.00	46.14 -0.05 0.00	43.69 -0.18 0.00	42.86 0.00 0.00	41.54 -0.55 0.00	42.24 -0.60 0.00	44.29 -0.67 0.00	50.66 -0.77 0.00	54.42 -0.88 0.00	48.50 -0.79 0.00	43.83 -0.71 0.00	38.96 -0.63 0.00	37.14 -0.68 0.00	36.48 -0.71 0.00
LITTLRIV_115KV_TB1 356100	43.20 4.80 0.00	42.59 4.80 0.00	40.65 4.42 0.00	40.32 4.54 0.00	39.69 3.77 0.00	41.38 3.69 0.00	48.89 4.08 0.00	51.36 4.11 0.00	51.13 3.30 0.00	51.58 3.78 0.00	53.05 5.04 0.00	51.35 5.17 0.00	48.55 4.69 0.00	47.48 4.32 0.00	45.58 3.49 0.00	45.07 2.23 0.00	46.89 1.93 0.00	53.28 1.85 0.00	57.90 2.60 0.00	52.10 2.81 0.00	46.95 2.41 0.00	42.21 2.61 0.00	40.20 2.38 0.00	40.31 3.12 0.00
LI_NEWBRDGE___DRP 323616	40.36 1.96 0.00	39.45 1.66 0.00	37.83 1.59 0.00	37.32 1.54 0.00	37.57 1.65 0.00	39.35 1.66 0.00	56.29 2.60 -8.87	60.74 2.98 -10.52	60.80 3.16 -9.81	53.05 3.25 -2.00	50.94 2.93 0.00	49.32 3.14 0.00	50.09 3.07 -3.16	50.10 3.06 -3.87	51.07 2.90 -6.09	51.29 3.17 -5.28	51.41 3.37 -3.07	58.85 3.91 -3.51	65.68 4.15 -6.23	52.84 3.55 0.00	47.80 3.25 0.00	42.17 2.57 0.00	39.93 2.12 0.00	39.42 2.23 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.52 -2.88 0.00	35.22 -2.57 0.00	33.70 -2.54 0.00	33.13 -2.65 0.00	33.12 -2.80 0.00	35.35 -2.34 0.00	41.23 -3.59 0.00	43.23 -4.02 0.00	43.86 -3.97 0.00	43.45 -4.35 0.00	43.98 -4.03 0.00	42.07 -4.11 0.00	39.74 -4.12 0.00	39.28 -3.88 0.00	38.93 -3.16 0.00	39.24 -3.60 0.00	41.09 -3.87 0.00	46.70 -4.73 0.00	51.15 -4.15 0.00	45.60 -3.70 0.00	41.25 -3.30 0.00	37.30 -2.30 0.00	35.55 -2.27 0.00	35.29 -1.90 0.00
LOCKPORT___CC1 323769	35.52 -2.88 0.00	35.22 -2.57 0.00	33.69 -2.54 0.00	33.10 -2.68 0.00	33.12 -2.80 0.00	35.31 -2.37 0.00	41.19 -3.63 0.00	43.19 -4.06 0.00	43.81 -4.02 0.00	43.45 -4.35 0.00	43.98 -4.03 0.00	42.03 -4.16 0.00	39.74 -4.12 0.00	39.67 -3.49 0.00	38.88 -3.20 0.00	39.24 -3.60 0.00	41.09 -3.87 0.00	46.65 -4.78 0.00	51.15 -4.15 0.00	45.59 -3.70 0.00	41.25 -3.30 0.00	37.26 -2.34 0.00	35.55 -2.27 0.00	35.25 -1.94 0.00
LOCKPORT___CC2 323770	35.52 -2.88 0.00	35.22 -2.57 0.00	33.69 -2.54 0.00	33.10 -2.68 0.00	33.12 -2.80 0.00	35.31 -2.37 0.00	41.19 -3.63 0.00	43.19 -4.06 0.00	43.81 -4.02 0.00	43.45 -4.35 0.00	43.98 -4.03 0.00	42.03 -4.16 0.00	39.74 -4.12 0.00	39.67 -3.49 0.00	38.88 -3.20 0.00	39.24 -3.60 0.00	41.09 -3.87 0.00	46.65 -4.78 0.00	51.15 -4.15 0.00	45.59 -3.70 0.00	41.25 -3.30 0.00	37.26 -2.34 0.00	35.55 -2.27 0.00	35.25 -1.94 0.00
LOCKPORT___CC3 323771	35.52 -2.88 0.00	35.22 -2.57 0.00	33.69 -2.54 0.00	33.10 -2.68 0.00	33.12 -2.80 0.00	35.31 -2.37 0.00	41.19 -3.63 0.00	43.19 -4.06 0.00	43.81 -4.02 0.00	43.45 -4.35 0.00	43.98 -4.03 0.00	42.03 -4.16 0.00	39.74 -4.12 0.00	39.67 -3.49 0.00	38.88 -3.20 0.00	39.24 -3.60 0.00	41.09 -3.87 0.00	46.65 -4.78 0.00	51.15 -4.15 0.00	45.59 -3.70 0.00	41.25 -3.30 0.00	37.26 -2.34 0.00	35.55 -2.27 0.00	35.25 -1.94 0.00
LONG_LAKE_PHOENIX 24014	37.98 -0.42 0.00	37.49 -0.30 0.00	35.87 -0.36 0.00	35.42 -0.36 0.00	35.56 -0.36 0.00	37.42 -0.26 0.00	44.46 -0.36 0.00	46.83 -0.43 0.00	47.45 -0.38 0.00	47.47 -0.33 0.00	47.82 -0.19 0.00	45.95 -0.23 0.00	43.47 -0.39 0.00	42.69 -0.47 0.00	41.79 -0.29 0.00	42.50 -0.34 0.00	44.56 -0.40 0.00	51.07 -0.36 0.00	55.13 -0.17 0.00	49.19 -0.10 0.00	44.46 -0.09 0.00	39.59 0.00 0.00	37.85 0.04 0.00	37.18 0.00 0.00
LOVETT___3 23632	39.67 1.27 0.00	38.85 1.06 0.00	37.28 1.05 0.00	36.82 1.04 0.00	37.03 1.11 0.00	38.71 1.02 0.00	46.56 1.75 0.00	49.28 2.03 0.00	50.03 2.20 0.00	50.05 2.25 0.00	50.17 2.16 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.32 2.16 0.00	44.14 2.06 0.00	45.11 2.27 0.00	47.39 2.43 0.00	54.26 2.83 0.00	58.29 2.99 0.00	51.95 2.66 0.00	46.91 2.36 0.00	41.42 1.82 0.00	39.40 1.59 0.00	38.67 1.49 0.00
LOVETT___4 23642	39.67 1.27 0.00	38.85 1.06 0.00	37.28 1.05 0.00	36.82 1.04 0.00	37.03 1.11 0.00	38.71 1.02 0.00	46.56 1.75 0.00	49.28 2.03 0.00	50.03 2.20 0.00	50.05 2.25 0.00	50.17 2.16 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.32 2.16 0.00	44.14 2.06 0.00	45.11 2.27 0.00	47.39 2.43 0.00	54.26 2.83 0.00	58.29 2.99 0.00	51.95 2.66 0.00	46.91 2.36 0.00	41.42 1.82 0.00	39.40 1.59 0.00	38.67 1.49 0.00
LOVETT___5 23593	39.67 1.27 0.00	38.85 1.06 0.00	37.28 1.05 0.00	36.82 1.04 0.00	37.03 1.11 0.00	38.71 1.02 0.00	46.56 1.75 0.00	49.28 2.03 0.00	50.03 2.20 0.00	50.05 2.25 0.00	50.17 2.16 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.32 2.16 0.00	44.14 2.06 0.00	45.11 2.27 0.00	47.39 2.43 0.00	54.26 2.83 0.00	58.29 2.99 0.00	51.95 2.66 0.00	46.91 2.36 0.00	41.42 1.82 0.00	39.40 1.59 0.00	38.67 1.49 0.00
LOWER RAQUET___HYD 24057	42.55 4.15 0.00	41.91 4.12 0.00	40.03 3.80 0.00	39.68 3.90 0.00	39.08 3.16 0.00	40.66 2.98 0.00	47.95 3.14 0.00	50.42 3.17 0.00	50.32 2.49 0.00	50.81 3.01 0.00	52.28 4.27 0.00	50.71 4.53 0.00	47.98 4.12 0.00	47.00 3.84 0.00	45.03 2.94 0.00	44.56 1.72 0.00	46.27 1.30 0.00	52.46 1.03 0.00	56.85 1.55 0.00	51.12 1.82 0.00	46.06 1.52 0.00	41.42 1.82 0.00	39.56 1.74 0.00	39.71 2.53 0.00
LOWER___HUDSON 24059	40.01 1.61 0.00	39.26 1.47 0.00	37.68 1.45 0.00	37.21 1.43 0.00	37.43 1.51 0.00	39.20 1.51 0.00	47.05 2.24 0.00	49.57 2.31 0.00	50.27 2.44 0.00	50.19 2.39 0.00	50.32 2.30 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.32 2.16 0.00	44.19 2.10 0.00	45.03 2.18 0.00	47.30 2.34 0.00	54.20 2.78 0.00	58.17 2.87 0.00	51.76 2.46 0.00	46.82 2.27 0.00	41.53 1.94 0.00	39.52 1.70 0.00	38.86 1.67 0.00
LOWVILLE_115KV_TB2 356335	39.90 1.50 0.00	39.30 1.51 0.00	37.54 1.30 0.00	37.21 1.43 0.00	37.10 1.19 0.00	39.01 1.32 0.00	46.47 1.66 0.00	48.95 1.70 0.00	49.17 1.34 0.00	49.14 1.34 0.00	49.79 1.78 0.00	47.98 1.80 0.00	45.48 1.62 0.00	44.67 1.51 0.00	43.30 1.22 0.00	43.74 0.90 0.00	45.82 0.85 0.00	52.51 1.08 0.00	56.79 1.49 0.00	50.92 1.63 0.00	45.93 1.38 0.00	40.98 1.39 0.00	38.91 1.10 0.00	38.37 1.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.67 2.27 0.00	39.98 2.19 0.00	38.33 2.10 0.00	37.86 2.08 0.00	38.11 2.19 0.00	39.91 2.22 0.00	47.95 3.14 0.00	50.51 3.26 0.00	51.23 3.40 0.00	51.15 3.35 0.00	51.33 3.31 0.00	49.32 3.14 0.00	46.84 2.98 0.00	46.18 3.02 0.00	44.94 2.86 0.00	45.84 3.00 0.00	48.20 3.24 0.00	55.18 3.75 0.00	59.28 3.98 0.00	52.79 3.50 0.00	47.71 3.16 0.00	42.29 2.69 0.00	40.20 2.38 0.00	39.49 2.31 0.00

LUTHERNY_35_KV_BK2 355980	40.71 2.30 0.00	39.98 2.19 0.00	38.37 2.14 0.00	37.89 2.11 0.00	38.15 2.23 0.00	39.95 2.26 0.00	47.95 3.14 0.00	50.56 3.31 0.00	51.28 3.44 0.00	51.19 3.39 0.00	51.33 3.31 0.00	49.32 3.14 0.00	46.89 3.03 0.00	46.18 3.02 0.00	44.94 2.86 0.00	45.84 3.00 0.00	48.24 3.28 0.00	55.24 3.81 0.00	59.34 4.04 0.00	52.79 3.50 0.00	47.75 3.21 0.00	42.29 2.69 0.00	40.24 2.42 0.00	39.53 2.34 0.00
LWR___OSWEGATCHIE_HYD 23850	41.20 2.80 0.00	40.58 2.80 0.00	38.77 2.54 0.00	38.39 2.61 0.00	38.04 2.12 0.00	39.76 2.07 0.00	47.10 2.29 0.00	49.61 2.36 0.00	49.60 1.77 0.00	49.86 2.06 0.00	50.99 2.98 0.00	49.28 3.09 0.00	46.67 2.81 0.00	45.75 2.59 0.00	44.10 2.02 0.00	44.00 1.16 0.00	45.86 0.90 0.00	52.30 0.87 0.00	56.68 1.38 0.00	50.92 1.63 0.00	45.93 1.38 0.00	41.14 1.54 0.00	39.18 1.36 0.00	38.97 1.78 0.00
LYONS_FALL_HYD 23570	39.67 1.27 0.00	39.03 1.25 0.00	37.36 1.12 0.00	36.96 1.18 0.00	36.92 1.00 0.00	38.82 1.13 0.00	46.29 1.48 0.00	48.86 1.61 0.00	49.22 1.39 0.00	49.14 1.34 0.00	49.69 1.68 0.00	47.84 1.66 0.00	45.40 1.53 0.00	44.63 1.47 0.00	43.30 1.22 0.00	43.87 1.03 0.00	45.95 0.99 0.00	52.72 1.29 0.00	56.85 1.55 0.00	50.87 1.58 0.00	45.88 1.34 0.00	40.90 1.30 0.00	38.87 1.06 0.00	38.26 1.08 0.00
MADISON___COUNTY_LFGE 323628	39.28 0.88 0.00	38.69 0.91 0.00	37.06 0.83 0.00	36.64 0.86 0.00	36.71 0.79 0.00	38.63 0.94 0.00	46.07 1.25 0.00	48.57 1.32 0.00	49.08 1.24 0.00	48.99 1.19 0.00	49.36 1.34 0.00	47.47 1.29 0.00	45.05 1.18 0.00	44.37 1.21 0.00	43.18 1.09 0.00	44.00 1.16 0.00	46.13 1.17 0.00	52.87 1.44 0.00	56.96 1.66 0.00	50.82 1.53 0.00	45.84 1.29 0.00	40.82 1.23 0.00	38.88 1.06 0.00	38.19 1.00 0.00
MALONE___115KV_TB1 356076	40.36 1.96 0.00	39.71 1.93 0.00	38.01 1.78 0.00	37.57 1.79 0.00	37.43 1.51 0.00	39.38 1.70 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.17 1.34 0.00	49.38 1.58 0.00	49.93 1.92 0.00	48.03 1.85 0.00	45.48 1.62 0.00	44.54 1.38 0.00	43.09 1.01 0.00	43.27 0.43 0.00	45.14 0.18 0.00	51.38 -0.05 0.00	55.24 -0.06 0.00	49.44 0.15 0.00	44.72 0.18 0.00	39.75 0.16 0.00	37.78 -0.04 0.00	37.44 0.26 0.00
MAPLEWOD_115KV_TB3 80458	39.90 1.50 0.00	39.22 1.44 0.00	37.61 1.38 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.08 1.39 0.00	46.83 2.02 0.00	49.38 2.13 0.00	50.08 2.25 0.00	50.05 2.25 0.00	50.17 2.16 0.00	48.31 2.12 0.00	45.92 2.06 0.00	45.23 2.07 0.00	44.06 1.98 0.00	44.94 2.10 0.00	47.16 2.20 0.00	54.05 2.62 0.00	58.01 2.71 0.00	51.66 2.37 0.00	46.68 2.14 0.00	41.42 1.82 0.00	39.44 1.63 0.00	38.75 1.56 0.00
MAPLE_RIDGE_WT_1 323574	37.59 -0.81 0.00	36.99 -0.80 0.00	35.51 -0.72 0.00	35.07 -0.72 0.00	35.20 -0.72 0.00	36.93 -0.75 0.00	43.87 -0.94 0.00	46.26 -0.99 0.00	46.78 -1.05 0.00	46.75 -1.05 0.00	46.96 -1.06 0.00	45.12 -1.06 0.00	42.85 -1.01 0.00	42.08 -1.08 0.00	40.78 -1.30 0.00	41.47 -1.37 0.00	43.70 -1.26 0.00	49.94 -1.49 0.00	53.64 -1.66 0.00	47.82 -1.48 0.00	43.25 -1.29 0.00	38.44 -1.15 0.00	36.72 -1.10 0.00	36.10 -1.08 0.00
MAPLE_RIDGE_WT_2 323611	37.59 -0.81 0.00	36.99 -0.80 0.00	35.51 -0.72 0.00	35.07 -0.72 0.00	35.20 -0.72 0.00	36.93 -0.75 0.00	43.87 -0.94 0.00	46.26 -0.99 0.00	46.78 -1.05 0.00	46.75 -1.05 0.00	46.96 -1.06 0.00	45.12 -1.06 0.00	42.85 -1.01 0.00	42.08 -1.08 0.00	40.78 -1.30 0.00	41.47 -1.37 0.00	43.70 -1.26 0.00	49.94 -1.49 0.00	53.64 -1.66 0.00	47.82 -1.48 0.00	43.25 -1.29 0.00	38.44 -1.15 0.00	36.72 -1.10 0.00	36.10 -1.08 0.00
MARBLE_RIVER_WT_PWR 323696	39.55 1.15 0.00	38.96 1.17 0.00	37.32 1.09 0.00	36.82 1.04 0.00	36.78 0.86 0.00	38.78 1.09 0.00	45.85 1.03 0.00	48.34 1.09 0.00	48.55 0.72 0.00	48.52 0.72 0.00	48.59 0.58 0.00	46.46 0.28 0.00	43.95 0.09 0.00	42.86 -0.30 0.00	41.33 -0.76 0.00	41.43 -1.41 0.00	42.98 -1.98 0.00	48.70 -2.73 0.00	52.15 -3.15 0.00	46.48 -2.81 0.00	42.01 -2.54 0.00	37.18 -2.42 0.00	35.36 -2.46 0.00	34.88 -2.31 0.00
MARSHVLE_115KV_TB1 80742	40.97 2.57 0.00	40.28 2.49 0.00	38.62 2.39 0.00	38.18 2.40 0.00	38.43 2.51 0.00	39.99 2.30 0.00	48.09 3.27 0.00	50.70 3.45 0.00	50.94 3.11 0.00	50.43 2.63 0.00	50.61 2.59 0.00	49.00 2.82 0.00	46.45 2.59 0.00	45.79 2.63 0.00	44.61 2.52 0.00	45.20 2.36 0.00	47.97 3.01 0.00	55.18 3.75 0.00	59.56 4.26 0.00	53.09 3.80 0.00	47.98 3.43 0.00	42.72 3.13 0.00	40.54 2.72 0.00	39.71 2.53 0.00
MARSH_HILL_WT_PWR 323713	36.06 -2.34 0.00	35.75 -2.04 0.00	34.09 -2.14 0.00	33.67 -2.11 0.00	33.69 -2.23 0.00	35.65 -2.04 0.00	42.04 -2.78 0.00	43.66 -3.59 0.00	44.34 -3.49 0.00	44.02 -3.78 0.00	44.27 -3.75 0.00	42.30 -3.88 0.00	39.87 -3.99 0.00	39.54 -3.63 0.00	38.80 -3.28 0.00	39.59 -3.26 0.00	41.63 -3.33 0.00	47.73 -3.70 0.00	52.54 -2.76 0.00	47.27 -2.02 0.00	42.72 -1.83 0.00	38.21 -1.39 0.00	36.60 -1.21 0.00	36.48 -0.71 0.00
MCINTYRE_115KV_TB2 80467	43.74 5.34 0.00	43.12 5.33 0.00	41.16 4.93 0.00	40.86 5.08 0.00	40.19 4.27 0.00	41.95 4.26 0.00	49.61 4.80 0.00	52.07 4.82 0.00	51.71 3.87 0.00	52.05 4.25 0.00	53.53 5.52 0.00	51.77 5.59 0.00	48.86 5.00 0.00	47.78 4.62 0.00	45.83 3.75 0.00	45.37 2.53 0.00	47.25 2.29 0.00	53.85 2.42 0.00	58.67 3.37 0.00	52.94 3.65 0.00	47.71 3.16 0.00	42.88 3.29 0.00	40.77 2.95 0.00	40.83 3.64 0.00
MECO_____69_KV_BK1 80468	41.36 2.96 0.00	40.66 2.87 0.00	38.98 2.75 0.00	38.54 2.76 0.00	38.83 2.91 0.00	40.59 2.90 0.00	48.80 3.99 0.00	51.41 4.16 0.00	51.75 3.92 0.00	51.29 3.49 0.00	51.52 3.50 0.00	49.60 3.42 0.00	47.06 3.20 0.00	46.40 3.24 0.00	45.20 3.11 0.00	46.01 3.17 0.00	48.69 3.73 0.00	56.01 4.58 0.00	60.39 5.09 0.00	53.88 4.58 0.00	48.69 4.14 0.00	43.16 3.56 0.00	40.96 3.14 0.00	40.12 2.94 0.00
MENANDS___115KV_TB5 355628	39.86 1.46 0.00	39.15 1.36 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.28 1.36 0.00	39.01 1.32 0.00	46.79 1.97 0.00	49.28 2.03 0.00	49.98 2.15 0.00	49.95 2.15 0.00	50.13 2.11 0.00	48.26 2.08 0.00	45.88 2.02 0.00	45.19 2.03 0.00	44.02 1.94 0.00	44.90 2.06 0.00	47.12 2.16 0.00	53.95 2.52 0.00	57.90 2.60 0.00	51.56 2.27 0.00	46.60 2.05 0.00	41.38 1.78 0.00	39.37 1.55 0.00	38.71 1.52 0.00
MG INDUSTRY___DRP 24185	39.67 1.27 0.00	39.03 1.25 0.00	37.43 1.20 0.00	36.96 1.18 0.00	37.18 1.26 0.00	38.86 1.17 0.00	46.43 1.61 0.00	48.95 1.70 0.00	49.55 1.72 0.00	49.52 1.72 0.00	49.65 1.63 0.00	47.75 1.57 0.00	45.40 1.54 0.00	44.71 1.55 0.00	43.56 1.47 0.00	44.43 1.59 0.00	46.67 1.71 0.00	53.44 2.01 0.00	57.46 2.16 0.00	51.17 1.87 0.00	46.28 1.74 0.00	41.10 1.50 0.00	39.18 1.36 0.00	38.52 1.34 0.00

MID___OSWEGATCHIE_HYD 23849	41.20 2.80 0.00	40.58 2.80 0.00	38.77 2.54 0.00	38.39 2.61 0.00	38.04 2.12 0.00	39.76 2.07 0.00	47.10 2.29 0.00	49.61 2.36 0.00	49.60 1.77 0.00	49.86 2.06 0.00	50.99 2.98 0.00	49.28 3.09 0.00	46.67 2.81 0.00	45.75 2.59 0.00	44.10 2.02 0.00	44.00 1.16 0.00	45.86 0.90 0.00	52.30 0.87 0.00	56.68 1.38 0.00	50.92 1.63 0.00	45.93 1.38 0.00	41.14 1.54 0.00	39.18 1.36 0.00	38.97 1.78 0.00
MID___RAQUETTE_HYD 23851	42.55 4.15 0.00	41.91 4.12 0.00	40.04 3.80 0.00	39.68 3.90 0.00	39.08 3.16 0.00	40.67 2.98 0.00	47.95 3.14 0.00	50.42 3.17 0.00	50.32 2.49 0.00	50.81 3.01 0.00	52.29 4.27 0.00	50.71 4.53 0.00	47.98 4.12 0.00	46.96 3.80 0.00	45.03 2.95 0.00	44.56 1.71 0.00	46.26 1.30 0.00	52.46 1.03 0.00	56.85 1.55 0.00	51.12 1.82 0.00	46.06 1.51 0.00	41.42 1.82 0.00	39.56 1.74 0.00	39.71 2.53 0.00
MILLIKEN___1 23584	38.52 0.12 0.00	38.01 0.23 0.00	36.38 0.14 0.00	35.92 0.14 0.00	36.06 0.14 0.00	37.99 0.30 0.00	45.17 0.36 0.00	47.58 0.33 0.00	48.17 0.33 0.00	48.04 0.24 0.00	48.25 0.24 0.00	46.37 0.18 0.00	43.95 0.09 0.00	43.25 0.09 0.00	42.34 0.25 0.00	43.06 0.21 0.00	45.28 0.31 0.00	51.89 0.46 0.00	56.13 0.83 0.00	50.03 0.74 0.00	45.17 0.62 0.00	40.19 0.59 0.00	38.38 0.57 0.00	37.74 0.56 0.00
MILLIKEN___2 23585	38.52 0.12 0.00	38.01 0.23 0.00	36.38 0.14 0.00	35.92 0.14 0.00	36.06 0.14 0.00	37.99 0.30 0.00	45.17 0.36 0.00	47.58 0.33 0.00	48.17 0.33 0.00	48.04 0.24 0.00	48.25 0.24 0.00	46.37 0.18 0.00	43.95 0.09 0.00	43.25 0.09 0.00	42.34 0.25 0.00	43.06 0.21 0.00	45.28 0.31 0.00	51.89 0.46 0.00	56.13 0.83 0.00	50.03 0.74 0.00	45.17 0.62 0.00	40.19 0.59 0.00	38.38 0.57 0.00	37.74 0.56 0.00
MILLIKEN___DIESEL 23629	38.52 0.12 0.00	38.01 0.23 0.00	36.38 0.14 0.00	35.92 0.14 0.00	36.06 0.14 0.00	37.99 0.30 0.00	45.17 0.36 0.00	47.58 0.33 0.00	48.17 0.33 0.00	48.04 0.24 0.00	48.25 0.24 0.00	46.37 0.18 0.00	43.95 0.09 0.00	43.25 0.09 0.00	42.34 0.25 0.00	43.06 0.21 0.00	45.28 0.31 0.00	51.89 0.46 0.00	56.13 0.83 0.00	50.03 0.74 0.00	45.17 0.62 0.00	40.19 0.59 0.00	38.38 0.57 0.00	37.74 0.56 0.00
MILLSEAT___LFGE 323607	36.40 -2.00 0.00	36.09 -1.70 0.00	34.49 -1.74 0.00	33.88 -1.90 0.00	33.94 -1.98 0.00	36.33 -1.36 0.00	42.48 -2.33 0.00	44.70 -2.55 0.00	45.20 -2.63 0.00	44.79 -3.01 0.00	45.37 -2.64 0.00	43.27 -2.91 0.00	40.92 -2.94 0.00	40.83 -2.33 0.00	39.98 -2.10 0.00	40.32 -2.53 0.00	42.31 -2.65 0.00	48.14 -3.29 0.00	52.87 -2.43 0.00	47.08 -2.22 0.00	42.59 -1.96 0.00	38.41 -1.19 0.00	36.53 -1.29 0.00	36.10 -1.08 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.78 1.38 0.00	38.96 1.17 0.00	37.39 1.16 0.00	36.93 1.14 0.00	37.18 1.26 0.00	38.82 1.13 0.00	46.70 1.88 0.00	49.47 2.22 0.00	50.22 2.39 0.00	50.24 2.44 0.00	50.37 2.35 0.00	48.58 2.40 0.00	46.19 2.32 0.00	45.49 2.33 0.00	44.31 2.23 0.00	45.33 2.48 0.00	47.57 2.61 0.00	54.52 3.09 0.00	58.51 3.21 0.00	52.15 2.86 0.00	47.09 2.54 0.00	41.57 1.98 0.00	39.56 1.74 0.00	38.82 1.64 0.00
MILLWOOD_13_KV_LOAD 356217	39.86 1.46 0.00	39.07 1.28 0.00	37.50 1.27 0.00	37.00 1.22 0.00	37.25 1.33 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.57 2.32 0.00	50.32 2.49 0.00	50.38 2.58 0.00	50.56 2.54 0.00	48.77 2.59 0.00	46.32 2.46 0.00	45.62 2.46 0.00	44.44 2.36 0.00	45.50 2.66 0.00	47.75 2.79 0.00	54.67 3.24 0.00	58.73 3.43 0.00	52.30 3.01 0.00	47.17 2.63 0.00	41.69 2.10 0.00	39.63 1.82 0.00	38.86 1.67 0.00
MODEL_CITY_ENERGY 24167	35.21 -3.19 0.00	34.91 -2.87 0.00	33.41 -2.83 0.00	32.81 -2.97 0.00	32.83 -3.09 0.00	35.01 -2.67 0.00	40.78 -4.03 0.00	42.81 -4.44 0.00	43.43 -4.40 0.00	43.02 -4.78 0.00	43.60 -4.42 0.00	41.66 -4.52 0.00	39.39 -4.47 0.00	39.36 -3.80 0.00	38.55 -3.53 0.00	38.90 -3.94 0.00	40.69 -4.27 0.00	46.18 -5.25 0.00	50.60 -4.70 0.00	45.10 -4.19 0.00	40.80 -3.74 0.00	36.90 -2.69 0.00	35.21 -2.61 0.00	34.95 -2.23 0.00
MODERN_LFGE___ 323580	35.21 -3.19 0.00	34.91 -2.87 0.00	33.41 -2.83 0.00	32.81 -2.97 0.00	32.83 -3.09 0.00	35.01 -2.67 0.00	40.78 -4.03 0.00	42.81 -4.44 0.00	43.43 -4.40 0.00	43.02 -4.78 0.00	43.60 -4.42 0.00	41.66 -4.52 0.00	39.39 -4.47 0.00	39.36 -3.80 0.00	38.55 -3.53 0.00	38.90 -3.94 0.00	40.69 -4.27 0.00	46.18 -5.25 0.00	50.60 -4.70 0.00	45.10 -4.19 0.00	40.80 -3.74 0.00	36.90 -2.69 0.00	35.21 -2.61 0.00	34.95 -2.23 0.00
MOHAWK_PAPER___DRP 24187	39.90 1.50 0.00	39.22 1.44 0.00	37.61 1.38 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.08 1.39 0.00	46.83 2.02 0.00	49.38 2.13 0.00	50.08 2.25 0.00	50.05 2.25 0.00	50.17 2.16 0.00	48.31 2.12 0.00	45.92 2.06 0.00	45.23 2.07 0.00	44.06 1.98 0.00	44.94 2.10 0.00	47.16 2.20 0.00	54.05 2.62 0.00	58.01 2.71 0.00	51.66 2.37 0.00	46.68 2.14 0.00	41.42 1.82 0.00	39.44 1.63 0.00	38.75 1.56 0.00
MOHICAN___35_KV_115KV_LD 80490	41.47 3.07 0.00	40.73 2.95 0.00	39.09 2.86 0.00	38.57 2.79 0.00	38.90 2.98 0.00	40.78 3.09 0.00	49.12 4.30 0.00	51.74 4.49 0.00	52.62 4.78 0.00	52.44 4.64 0.00	52.53 4.51 0.00	50.43 4.25 0.00	47.90 4.04 0.00	47.17 4.01 0.00	45.87 3.79 0.00	46.79 3.94 0.00	49.28 4.32 0.00	56.47 5.04 0.00	60.66 5.36 0.00	53.98 4.68 0.00	48.78 4.23 0.00	43.20 3.60 0.00	41.03 3.21 0.00	40.27 3.09 0.00
MONGAUP___HYD 23641	39.82 1.42 0.00	39.07 1.29 0.00	37.43 1.19 0.00	36.93 1.14 0.00	37.17 1.26 0.00	38.86 1.17 0.00	46.78 1.97 0.00	49.28 2.03 0.00	49.84 2.01 0.00	49.66 1.86 0.00	49.74 1.73 0.00	47.94 1.75 0.00	45.49 1.62 0.00	44.76 1.60 0.00	43.68 1.60 0.00	44.73 1.88 0.00	47.03 2.07 0.00	54.10 2.67 0.00	57.85 2.55 0.00	51.90 2.61 0.00	46.86 2.31 0.00	41.38 1.78 0.00	39.29 1.47 0.00	38.60 1.41 0.00
MONTAUK___DIESEL 23721	40.97 2.57 0.00	40.02 2.23 0.00	38.26 2.03 0.00	37.71 1.93 0.00	38.00 2.08 0.00	39.95 2.26 0.00	57.27 3.59 -8.87	61.88 4.11 -10.52	61.99 4.35 -9.81	53.53 3.73 -2.00	50.51 2.50 0.00	48.91 2.72 0.00	49.70 2.68 -3.16	49.66 2.63 -3.87	50.82 2.65 -6.09	51.03 2.91 -5.28	50.96 2.92 -3.07	59.05 4.11 -3.51	66.06 4.53 -6.23	52.50 3.20 0.00	47.44 2.90 0.00	41.49 1.90 0.00	39.18 1.36 0.00	39.97 2.79 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.67 -1.73 0.00	36.31 -1.47 0.00	34.78 -1.45 0.00	34.28 -1.50 0.00	34.23 -1.69 0.00	36.63 -1.06 0.00	42.80 -2.02 0.00	44.98 -2.27 0.00	45.63 -2.20 0.00	43.64 -4.16 0.00	44.08 -3.94 0.00	42.16 -4.02 0.00	39.78 -4.08 0.00	39.36 -3.80 0.00	39.09 -2.99 0.00	39.80 -3.04 0.00	41.81 -3.15 0.00	47.98 -3.45 0.00	52.92 -2.38 0.00	47.12 -2.17 0.00	42.50 -2.05 0.00	38.13 -1.46 0.00	36.04 -1.78 0.00	35.81 -1.38 0.00

MORRIS_RIDGE___SOLAR 323848	35.94 -2.46 0.00	35.59 -2.19 0.00	34.02 -2.21 0.00	33.53 -2.25 0.00	33.51 -2.41 0.00	35.50 -2.19 0.00	41.72 -3.09 0.00	43.61 -3.64 0.00	44.24 -3.59 0.00	43.93 -3.87 0.00	44.27 -3.75 0.00	42.30 -3.88 0.00	39.91 -3.95 0.00	39.67 -3.49 0.00	38.93 -3.16 0.00	39.72 -3.13 0.00	41.72 -3.24 0.00	47.68 -3.75 0.00	52.31 -2.99 0.00	46.78 -2.51 0.00	42.28 -2.27 0.00	37.81 -1.78 0.00	36.19 -1.63 0.00	35.92 -1.26 0.00
MORTIMER_115KV_TB3 55949	36.60 -1.80 0.00	36.20 -1.59 0.00	34.64 -1.59 0.00	34.10 -1.68 0.00	34.19 -1.72 0.00	36.33 -1.36 0.00	42.71 -2.11 0.00	44.98 -2.27 0.00	45.54 -2.30 0.00	45.36 -2.44 0.00	45.80 -2.21 0.00	43.83 -2.36 0.00	41.54 -2.32 0.00	40.96 -2.20 0.00	40.32 -1.77 0.00	40.79 -2.06 0.00	42.80 -2.16 0.00	48.76 -2.67 0.00	53.09 -2.21 0.00	47.27 -2.02 0.00	42.72 -1.83 0.00	38.37 -1.23 0.00	36.61 -1.21 0.00	36.11 -1.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.58 2.72 0.00	45.88 2.72 0.00	44.69 2.61 0.00	45.71 2.87 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.55 3.25 0.00	47.44 2.90 0.00	41.89 2.30 0.00	39.86 2.04 0.00	39.12 1.93 0.00
MUNSVILLE_WIND_PWR 323609	40.28 1.88 0.00	39.79 2.00 0.00	37.93 1.70 0.00	37.64 1.86 0.00	37.61 1.69 0.00	39.84 2.15 0.00	47.73 2.91 0.00	50.32 3.07 0.00	50.61 2.77 0.00	50.14 2.34 0.00	50.51 2.50 0.00	48.40 2.22 0.00	45.97 2.11 0.00	45.32 2.16 0.00	44.27 2.19 0.00	45.07 2.23 0.00	47.61 2.65 0.00	54.77 3.34 0.00	59.28 3.98 0.00	53.09 3.80 0.00	47.71 3.16 0.00	42.57 2.97 0.00	40.35 2.53 0.00	39.60 2.42 0.00
N SALMON___HYD 24042	40.36 1.96 0.00	39.71 1.93 0.00	38.01 1.77 0.00	37.57 1.79 0.00	37.43 1.51 0.00	39.39 1.70 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.17 1.34 0.00	49.38 1.58 0.00	49.94 1.92 0.00	48.03 1.85 0.00	45.49 1.62 0.00	44.54 1.38 0.00	43.09 1.01 0.00	43.27 0.43 0.00	45.14 0.18 0.00	51.38 -0.05 0.00	55.25 -0.06 0.00	49.44 0.15 0.00	44.73 0.18 0.00	39.75 0.16 0.00	37.78 -0.04 0.00	37.45 0.26 0.00
N.AKRON__115KV_KNAPP 355671	36.29 -2.11 0.00	35.97 -1.81 0.00	34.38 -1.85 0.00	33.81 -1.97 0.00	33.84 -2.08 0.00	36.18 -1.51 0.00	42.35 -2.46 0.00	44.51 -2.74 0.00	45.06 -2.77 0.00	44.65 -3.15 0.00	45.13 -2.88 0.00	43.13 -3.05 0.00	40.75 -3.11 0.00	40.27 -2.89 0.00	39.85 -2.23 0.00	40.19 -2.66 0.00	42.13 -2.83 0.00	47.93 -3.50 0.00	52.59 -2.71 0.00	46.88 -2.42 0.00	42.41 -2.14 0.00	38.25 -1.35 0.00	36.38 -1.44 0.00	35.99 -1.19 0.00
N.BELMOR_69_KV_BK1 55787	40.71 2.30 0.00	39.75 1.96 0.00	38.08 1.85 0.00	37.57 1.79 0.00	37.82 1.90 0.00	39.65 1.96 0.00	56.65 2.96 -8.87	61.08 3.31 -10.52	61.13 3.49 -9.81	53.38 3.58 -2.00	51.33 3.31 0.00	49.69 3.51 0.00	50.45 3.42 -3.16	50.44 3.41 -3.87	51.45 3.28 -6.09	51.68 3.56 -5.28	51.81 3.78 -3.07	59.31 4.37 -3.51	66.17 4.65 -6.23	53.33 4.04 0.00	48.24 3.70 0.00	42.56 2.97 0.00	40.31 2.50 0.00	39.75 2.57 0.00
N.E_GEN_SANDY PD 24062	39.78 1.38 0.00	39.00 1.21 0.00	37.43 1.19 0.00	36.96 1.18 0.00	37.17 1.26 0.00	38.89 1.21 0.00	46.74 1.93 0.00	49.33 2.08 0.00	49.99 2.15 0.00	50.00 2.20 0.00	50.08 2.06 0.00	48.21 2.03 0.00	45.88 2.02 0.00	45.10 1.94 0.00	44.02 1.94 0.00	44.90 2.06 0.00	47.12 2.16 0.00	54.00 2.57 0.00	57.90 2.60 0.00	51.56 2.27 0.00	46.60 2.05 0.00	41.30 1.70 0.00	39.29 1.47 0.00	38.67 1.49 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.71 1.31 0.00	38.88 1.10 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.07 1.15 0.00	38.74 1.06 0.00	46.61 1.79 0.00	49.33 2.08 0.00	50.08 2.25 0.00	50.09 2.29 0.00	50.22 2.21 0.00	48.44 2.26 0.00	46.05 2.19 0.00	45.36 2.20 0.00	44.14 2.06 0.00	45.16 2.31 0.00	47.43 2.47 0.00	54.31 2.88 0.00	58.34 3.04 0.00	52.00 2.71 0.00	46.91 2.36 0.00	41.46 1.86 0.00	39.40 1.59 0.00	38.67 1.49 0.00
N.QUEENS_27_KV_LOAD 356247	40.05 1.65 0.00	39.00 1.21 0.00	37.72 1.49 0.00	37.26 1.47 -0.01	37.51 1.58 -0.01	38.89 1.21 0.00	46.65 1.84 0.00	49.66 2.41 0.00	50.42 2.58 0.00	50.52 2.72 0.00	50.61 2.59 0.00	48.86 2.68 0.00	46.54 2.68 0.00	45.88 2.72 0.00	44.65 2.57 0.00	45.67 2.83 0.00	47.97 3.01 0.00	54.82 3.39 0.00	58.84 3.54 0.00	52.45 3.15 0.00	47.40 2.85 0.00	41.77 2.18 0.00	39.83 2.00 -0.01	39.05 1.86 -0.01
N.TROY___115KV_TB1 355778	40.01 1.61 0.00	39.26 1.47 0.00	37.68 1.45 0.00	37.21 1.43 0.00	37.43 1.51 0.00	39.20 1.51 0.00	47.06 2.24 0.00	49.57 2.32 0.00	50.27 2.44 0.00	50.19 2.39 0.00	50.32 2.30 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.36 2.20 0.00	44.19 2.10 0.00	45.03 2.19 0.00	47.30 2.34 0.00	54.21 2.78 0.00	58.18 2.88 0.00	51.76 2.46 0.00	46.82 2.27 0.00	41.53 1.94 0.00	39.52 1.70 0.00	38.86 1.67 0.00
NARROWS_GT1_1 24228	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT1_2 24229	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT1_3 24230	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT1_4 24231	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86

NARROWS_GT1_5 24232	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT1_6 24233	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT1_7 24234	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT1_8 24235	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT2_1 24236	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT2_2 24237	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT2_3 24238	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT2_4 24239	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT2_5 24240	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT2_6 24241	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT2_7 24242	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NARROWS_GT2_8 24243	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.59 2.19 0.00	39.94 2.15 0.00	38.22 1.99 0.00	37.71 1.93 0.00	37.97 2.05 0.00	39.65 1.96 0.00	47.64 2.82 0.00	50.04 2.79 0.00	50.46 2.63 0.00	50.19 2.39 0.00	50.32 2.30 0.00	48.31 2.12 0.00	45.84 1.97 0.00	45.19 2.03 0.00	44.06 1.98 0.00	44.99 2.14 0.00	47.30 2.34 0.00	54.41 2.98 0.00	58.51 3.21 0.00	52.10 2.81 0.00	47.13 2.58 0.00	41.77 2.18 0.00	39.78 1.97 0.00	39.15 1.97 0.00
NCHELSEA_115KV_TR2 355582	40.09 1.69 0.00	39.30 1.51 0.00	37.64 1.41 0.00	37.14 1.36 0.00	37.43 1.51 0.00	39.08 1.39 0.00	47.06 2.24 0.00	49.76 2.50 0.00	50.42 2.58 0.00	50.38 2.58 0.00	50.51 2.50 0.00	48.72 2.54 0.00	46.23 2.37 0.00	45.58 2.42 0.00	44.40 2.31 0.00	45.41 2.57 0.00	47.66 2.70 0.00	54.72 3.29 0.00	58.67 3.37 0.00	52.30 3.01 0.00	47.17 2.63 0.00	41.69 2.10 0.00	39.59 1.78 0.00	38.89 1.71 0.00
NEG CAPITAL___MECHNVIL 23645	40.63 2.23 0.00	39.94 2.15 0.00	38.30 2.06 0.00	37.82 2.04 0.00	38.07 2.15 0.00	39.87 2.19 0.00	47.90 3.09 0.00	50.47 3.21 0.00	51.18 3.35 0.00	51.10 3.30 0.00	51.28 3.27 0.00	49.28 3.09 0.00	46.85 2.98 0.00	46.14 2.98 0.00	44.95 2.86 0.00	45.84 3.00 0.00	48.20 3.24 0.00	55.24 3.81 0.00	59.28 3.98 0.00	52.74 3.45 0.00	47.71 3.16 0.00	42.25 2.65 0.00	40.20 2.38 0.00	39.45 2.27 0.00

NEG CENTRAL_HIGH_ACRES 23767	36.25 -2.15 0.00	35.86 -1.93 0.00	34.27 -1.96 0.00	33.78 -2.00 0.00	33.91 -2.01 0.00	35.95 -1.73 0.00	42.39 -2.42 0.00	44.65 -2.60 0.00	45.25 -2.58 0.00	45.17 -2.63 0.00	45.57 -2.45 0.00	43.64 -2.54 0.00	41.36 -2.50 0.00	40.96 -2.20 0.00	40.06 -2.02 0.00	40.57 -2.27 0.00	42.58 -2.38 0.00	48.55 -2.88 0.00	52.76 -2.54 0.00	46.93 -2.37 0.00	42.41 -2.14 0.00	37.97 -1.63 0.00	36.26 -1.55 0.00	35.70 -1.49 0.00
NEG CENTRAL___DRP 24199	37.63 -0.77 0.00	37.18 -0.60 0.00	35.54 -0.69 0.00	35.10 -0.68 0.00	35.24 -0.68 0.00	37.24 -0.45 0.00	44.19 -0.63 0.00	46.50 -0.76 0.00	47.12 -0.72 0.00	46.99 -0.81 0.00	47.24 -0.77 0.00	45.30 -0.88 0.00	42.90 -0.96 0.00	42.25 -0.91 0.00	41.41 -0.67 0.00	42.12 -0.73 0.00	44.24 -0.72 0.00	50.61 -0.82 0.00	54.91 -0.39 0.00	48.95 -0.35 0.00	44.19 -0.36 0.00	39.40 -0.20 0.00	37.63 -0.19 0.00	37.04 -0.15 0.00
NEG CENTRAL___INDECK 23768	37.37 -1.04 0.00	36.99 -0.80 0.00	35.33 -0.90 0.00	34.82 -0.96 0.00	34.88 -1.04 0.00	37.16 -0.53 0.00	43.83 -0.99 0.00	45.88 -1.37 0.00	46.21 -1.63 0.00	45.89 -1.91 0.00	46.09 -1.92 0.00	44.06 -2.12 0.00	41.49 -2.37 0.00	41.18 -1.98 0.00	40.40 -1.68 0.00	41.05 -1.80 0.00	43.16 -1.80 0.00	49.58 -1.85 0.00	54.53 -0.77 0.00	48.85 -0.44 0.00	44.24 -0.31 0.00	39.59 0.00 0.00	37.67 -0.15 0.00	37.15 -0.04 0.00
NEG CENTRAL___SENECA 23627	37.63 -0.77 0.00	37.18 -0.60 0.00	35.54 -0.69 0.00	35.10 -0.68 0.00	35.24 -0.68 0.00	37.27 -0.41 0.00	44.23 -0.58 0.00	46.50 -0.76 0.00	47.12 -0.72 0.00	46.94 -0.86 0.00	47.20 -0.82 0.00	45.21 -0.97 0.00	42.81 -1.05 0.00	42.17 -0.99 0.00	41.41 -0.67 0.00	42.07 -0.77 0.00	44.20 -0.76 0.00	50.61 -0.82 0.00	55.02 -0.28 0.00	49.05 -0.25 0.00	44.28 -0.27 0.00	39.52 -0.08 0.00	37.67 -0.15 0.00	37.11 -0.07 0.00
NEG CENTRAL___STATE_STREET 24147	37.79 -0.61 0.00	37.26 -0.53 0.00	35.65 -0.58 0.00	35.21 -0.57 0.00	35.34 -0.57 0.00	37.27 -0.41 0.00	44.28 -0.54 0.00	46.64 -0.61 0.00	47.26 -0.57 0.00	47.23 -0.57 0.00	47.48 -0.53 0.00	45.58 -0.60 0.00	43.25 -0.61 0.00	42.51 -0.65 0.00	41.66 -0.42 0.00	42.33 -0.51 0.00	44.47 -0.49 0.00	50.86 -0.57 0.00	54.97 -0.33 0.00	49.00 -0.30 0.00	44.28 -0.27 0.00	39.44 -0.16 0.00	37.70 -0.11 0.00	37.07 -0.11 0.00
NEG MILLWOOD___DRP 24198	40.17 1.77 0.00	39.41 1.62 0.00	37.79 1.56 0.00	37.28 1.50 0.00	37.57 1.65 0.00	39.20 1.51 0.00	47.23 2.42 0.00	49.94 2.69 0.00	50.65 2.82 0.00	50.72 2.92 0.00	50.94 2.93 0.00	49.14 2.96 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.73 2.65 0.00	45.84 3.00 0.00	48.06 3.10 0.00	55.08 3.65 0.00	59.12 3.82 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.82 2.00 0.00	39.04 1.86 0.00
NEG NORTH_FLCN_SEA 23793	39.71 1.31 0.00	39.07 1.28 0.00	37.43 1.20 0.00	36.93 1.14 0.00	36.92 1.01 0.00	38.97 1.28 0.00	46.07 1.25 0.00	48.57 1.32 0.00	48.79 0.96 0.00	48.80 1.00 0.00	48.88 0.86 0.00	46.83 0.65 0.00	44.30 0.44 0.00	43.33 0.17 0.00	41.87 -0.21 0.00	42.07 -0.77 0.00	43.79 -1.17 0.00	49.73 -1.70 0.00	53.31 -1.99 0.00	47.52 -1.77 0.00	42.99 -1.56 0.00	38.09 -1.50 0.00	36.19 -1.63 0.00	35.70 -1.49 0.00
NEG NORTH_KES_CHATEGAY 23792	39.09 0.69 0.00	38.47 0.68 0.00	36.85 0.62 0.00	36.39 0.61 0.00	36.39 0.47 0.00	38.33 0.64 0.00	45.31 0.49 0.00	47.72 0.47 0.00	48.02 0.19 0.00	48.04 0.24 0.00	48.25 0.24 0.00	46.32 0.14 0.00	43.95 0.09 0.00	43.07 -0.09 0.00	41.79 -0.29 0.00	42.16 -0.69 0.00	44.06 -0.90 0.00	50.20 -1.23 0.00	53.81 -1.49 0.00	48.06 -1.23 0.00	43.48 -1.07 0.00	38.56 -1.03 0.00	36.68 -1.13 0.00	36.22 -0.97 0.00
NEG NORTH___ALICE_FALLS 23915	39.78 1.38 0.00	39.19 1.40 0.00	37.50 1.27 0.00	37.00 1.22 0.00	37.00 1.08 0.00	39.08 1.39 0.00	46.25 1.43 0.00	48.76 1.51 0.00	48.93 1.10 0.00	48.95 1.15 0.00	49.07 1.06 0.00	47.01 0.83 0.00	44.52 0.66 0.00	43.51 0.35 0.00	42.08 0.00 0.00	42.37 -0.47 0.00	44.15 -0.81 0.00	50.20 -1.23 0.00	53.81 -1.49 0.00	48.01 -1.28 0.00	43.48 -1.07 0.00	38.49 -1.11 0.00	36.53 -1.29 0.00	35.99 -1.19 0.00
NEG NORTH___LWR_SARANAC 23913	39.78 1.38 0.00	39.19 1.40 0.00	37.50 1.27 0.00	37.00 1.22 0.00	37.00 1.08 0.00	39.08 1.39 0.00	46.25 1.43 0.00	48.76 1.51 0.00	48.93 1.10 0.00	48.95 1.15 0.00	49.07 1.06 0.00	47.01 0.83 0.00	44.52 0.66 0.00	43.51 0.35 0.00	42.08 0.00 0.00	42.37 -0.47 0.00	44.15 -0.81 0.00	50.20 -1.23 0.00	53.81 -1.49 0.00	48.01 -1.28 0.00	43.48 -1.07 0.00	38.49 -1.11 0.00	36.53 -1.29 0.00	35.99 -1.19 0.00
NEG NORTH___PLATTSBURG 23628	39.78 1.38 0.00	39.19 1.40 0.00	37.50 1.27 0.00	37.00 1.22 0.00	36.99 1.08 0.00	39.08 1.40 0.00	46.25 1.43 0.00	48.76 1.51 0.00	48.93 1.10 0.00	48.95 1.15 0.00	49.07 1.05 0.00	47.01 0.83 0.00	44.52 0.66 0.00	43.50 0.34 0.00	42.08 0.00 0.00	42.37 -0.47 0.00	44.15 -0.81 0.00	50.19 -1.23 0.00	53.81 -1.49 0.00	48.01 -1.28 0.00	43.48 -1.07 0.00	38.49 -1.11 0.00	36.53 -1.29 0.00	36.03 -1.15 0.00
NEG WEST_LEA_LOCKPORT 23791	35.52 -2.88 0.00	35.22 -2.57 0.00	33.66 -2.57 0.00	33.10 -2.68 0.00	33.12 -2.80 0.00	35.31 -2.37 0.00	41.18 -3.63 0.00	43.19 -4.06 0.00	43.81 -4.02 0.00	43.40 -4.40 0.00	43.93 -4.08 0.00	42.03 -4.16 0.00	39.69 -4.17 0.00	39.23 -3.93 0.00	38.88 -3.20 0.00	39.24 -3.60 0.00	41.09 -3.87 0.00	46.65 -4.78 0.00	51.15 -4.15 0.00	45.60 -3.70 0.00	41.25 -3.30 0.00	37.26 -2.34 0.00	35.55 -2.27 0.00	35.29 -1.90 0.00
NEG WEST___LANCASTER 23811	37.02 -1.38 0.00	36.65 -1.13 0.00	35.07 -1.16 0.00	34.53 -1.25 0.00	34.52 -1.40 0.00	36.82 -0.87 0.00	43.07 -1.75 0.00	45.17 -2.08 0.00	45.87 -1.96 0.00	45.36 -2.44 0.00	45.76 -2.26 0.00	43.83 -2.36 0.00	41.41 -2.46 0.00	40.96 -2.20 0.00	40.48 -1.60 0.00	40.92 -1.93 0.00	42.89 -2.07 0.00	48.86 -2.57 0.00	53.59 -1.71 0.00	47.76 -1.53 0.00	43.08 -1.47 0.00	38.76 -0.83 0.00	36.87 -0.95 0.00	36.63 -0.56 0.00
NEG_PENN_ALLEGHNY 23528	38.17 -0.23 0.00	37.67 -0.11 0.00	36.05 -0.18 0.00	35.57 -0.21 0.00	35.70 -0.21 0.00	37.58 -0.11 0.00	44.68 -0.13 0.00	47.06 -0.19 0.00	47.74 -0.10 0.00	47.61 -0.19 0.00	47.87 -0.14 0.00	46.00 -0.18 0.00	43.60 -0.26 0.00	42.99 -0.17 0.00	42.04 -0.04 0.00	42.76 -0.09 0.00	44.87 -0.09 0.00	51.33 -0.10 0.00	55.52 0.22 0.00	49.49 0.20 0.00	44.64 0.09 0.00	39.75 0.16 0.00	37.93 0.11 0.00	37.37 0.19 0.00
NEG___GEN_MONROE 24207	36.79 -1.61 0.00	36.35 -1.44 0.00	34.82 -1.41 0.00	34.28 -1.50 0.00	34.37 -1.54 0.00	36.59 -1.09 0.00	43.02 -1.79 0.00	45.22 -2.03 0.00	45.68 -2.15 0.00	45.36 -2.44 0.00	45.71 -2.30 0.00	43.78 -2.40 0.00	41.45 -2.41 0.00	40.87 -2.29 0.00	40.27 -1.81 0.00	40.70 -2.14 0.00	42.58 -2.38 0.00	48.70 -2.73 0.00	53.25 -2.05 0.00	47.42 -1.87 0.00	42.94 -1.60 0.00	38.56 -1.03 0.00	36.80 -1.02 0.00	36.33 -0.86 0.00

NEPA___ENERGY 23901	36.83 -1.57 0.00	36.46 -1.32 0.00	34.89 -1.34 0.00	34.35 -1.43 0.00	34.34 -1.58 0.00	36.59 -1.09 0.00	42.89 -1.93 0.00	44.98 -2.27 0.00	45.63 -2.20 0.00	44.98 -2.82 0.00	45.37 -2.64 0.00	43.46 -2.72 0.00	41.01 -2.85 0.00	40.57 -2.59 0.00	40.06 -2.02 0.00	40.57 -2.27 0.00	42.58 -2.38 0.00	48.55 -2.88 0.00	53.25 -2.05 0.00	47.47 -1.82 0.00	42.76 -1.78 0.00	38.49 -1.11 0.00	36.61 -1.21 0.00	36.37 -0.82 0.00
NEVERSink___HYD 23608	40.13 1.73 0.00	39.41 1.62 0.00	37.72 1.49 0.00	37.21 1.43 0.00	37.46 1.54 0.00	39.12 1.43 0.00	47.14 2.33 0.00	49.71 2.46 0.00	50.32 2.49 0.00	50.19 2.39 0.00	50.37 2.35 0.00	48.49 2.31 0.00	45.97 2.11 0.00	45.23 2.07 0.00	44.10 2.02 0.00	45.16 2.31 0.00	47.43 2.47 0.00	54.57 3.14 0.00	58.45 3.15 0.00	52.15 2.86 0.00	47.04 2.49 0.00	41.53 1.94 0.00	39.48 1.66 0.00	38.82 1.63 0.00
NEWKRMKL_115KV_TB1 55635	40.21 1.80 0.00	39.49 1.70 0.00	37.90 1.67 0.00	37.39 1.61 0.00	37.64 1.72 0.00	39.35 1.66 0.00	47.19 2.38 0.00	49.76 2.50 0.00	50.51 2.68 0.00	50.48 2.68 0.00	50.70 2.69 0.00	48.77 2.59 0.00	46.36 2.50 0.00	45.71 2.55 0.00	44.52 2.44 0.00	45.37 2.53 0.00	47.66 2.70 0.00	54.52 3.09 0.00	58.51 3.21 0.00	52.05 2.76 0.00	47.09 2.54 0.00	41.73 2.14 0.00	39.71 1.89 0.00	39.04 1.86 0.00
NEWTON___FALLS_HYD 23847	41.20 2.80 0.00	40.58 2.80 0.00	38.77 2.54 0.00	38.39 2.61 0.00	38.04 2.12 0.00	39.76 2.07 0.00	47.10 2.29 0.00	49.61 2.36 0.00	49.60 1.77 0.00	49.86 2.06 0.00	50.99 2.98 0.00	49.28 3.09 0.00	46.67 2.81 0.00	45.75 2.59 0.00	44.10 2.02 0.00	44.00 1.16 0.00	45.86 0.90 0.00	52.30 0.87 0.00	56.68 1.38 0.00	50.92 1.63 0.00	45.93 1.38 0.00	41.14 1.54 0.00	39.18 1.36 0.00	38.97 1.78 0.00
NGRID_A1_DSASP 323792	35.14 -3.26 0.00	34.84 -2.95 0.00	33.33 -2.90 0.00	32.74 -3.04 0.00	32.76 -3.16 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.62 -4.63 0.00	43.33 -4.50 0.00	42.92 -4.88 0.00	43.45 -4.56 0.00	41.56 -4.62 0.00	39.30 -4.56 0.00	39.28 -3.88 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.38 -4.92 0.00	44.86 -4.44 0.00	40.63 -3.92 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.84 -2.34 0.00
NGRID_A2_DSASP 323793	35.14 -3.26 0.00	34.84 -2.95 0.00	33.33 -2.90 0.00	32.74 -3.04 0.00	32.76 -3.16 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.62 -4.63 0.00	43.33 -4.50 0.00	42.92 -4.88 0.00	43.45 -4.56 0.00	41.56 -4.62 0.00	39.30 -4.56 0.00	39.28 -3.88 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.38 -4.92 0.00	44.86 -4.44 0.00	40.63 -3.92 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.84 -2.34 0.00
NGRID_A4_DSASP 323807	35.14 -3.26 0.00	34.84 -2.95 0.00	33.33 -2.90 0.00	32.74 -3.04 0.00	32.76 -3.16 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.62 -4.63 0.00	43.33 -4.50 0.00	42.92 -4.88 0.00	43.45 -4.56 0.00	41.56 -4.62 0.00	39.30 -4.56 0.00	39.28 -3.88 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.38 -4.92 0.00	44.86 -4.44 0.00	40.63 -3.92 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.84 -2.34 0.00
NIAGARA_115E_LBMP 323715	35.02 -3.38 0.00	34.73 -3.06 0.00	33.22 -3.01 0.00	32.63 -3.15 0.00	32.65 -3.27 0.00	34.82 -2.87 0.00	40.56 -4.26 0.00	42.53 -4.72 0.00	43.19 -4.64 0.00	42.78 -5.02 0.00	43.31 -4.70 0.00	41.43 -4.76 0.00	39.17 -4.69 0.00	39.15 -4.01 0.00	38.34 -3.75 0.00	38.69 -4.16 0.00	40.47 -4.50 0.00	45.93 -5.50 0.00	50.27 -5.03 0.00	44.81 -4.49 0.00	40.58 -3.96 0.00	36.71 -2.89 0.00	35.02 -2.80 0.00	34.77 -2.42 0.00
NIAGARA_115W_LBMP 323714	35.06 -3.34 0.00	34.76 -3.02 0.00	33.26 -2.97 0.00	32.67 -3.11 0.00	32.69 -3.23 0.00	34.86 -2.83 0.00	40.56 -4.26 0.00	42.53 -4.72 0.00	43.24 -4.59 0.00	42.83 -4.97 0.00	43.36 -4.66 0.00	41.47 -4.71 0.00	39.21 -4.65 0.00	39.19 -3.97 0.00	38.42 -3.66 0.00	38.69 -4.16 0.00	40.51 -4.45 0.00	45.93 -5.50 0.00	50.27 -5.03 0.00	44.81 -4.49 0.00	40.54 -4.01 0.00	36.71 -2.89 0.00	35.02 -2.80 0.00	34.77 -2.42 0.00
NIAGARA_230_LBMP 323716	35.41 -3.00 0.00	35.11 -2.68 0.00	33.59 -2.64 0.00	32.99 -2.79 0.00	33.01 -2.91 0.00	35.20 -2.49 0.00	41.01 -3.81 0.00	43.00 -4.25 0.00	43.67 -4.16 0.00	43.30 -4.50 0.00	43.84 -4.18 0.00	41.89 -4.29 0.00	39.65 -4.21 0.00	39.58 -3.58 0.00	38.80 -3.28 0.00	39.12 -3.73 0.00	40.96 -4.00 0.00	46.44 -4.99 0.00	50.82 -4.48 0.00	45.30 -3.99 0.00	40.98 -3.57 0.00	37.06 -2.53 0.00	35.40 -2.42 0.00	35.14 -2.05 0.00
NIAGARA___115KV_198_GIBSON 55903	35.06 -3.34 0.00	34.76 -3.02 0.00	33.26 -2.97 0.00	32.67 -3.11 0.00	32.69 -3.23 0.00	34.86 -2.83 0.00	40.56 -4.26 0.00	42.53 -4.73 0.00	43.24 -4.59 0.00	42.83 -4.97 0.00	43.31 -4.71 0.00	41.47 -4.71 0.00	39.21 -4.65 0.00	38.76 -4.40 0.00	38.38 -3.70 0.00	38.69 -4.16 0.00	40.51 -4.45 0.00	45.93 -5.50 0.00	50.27 -5.03 0.00	44.81 -4.49 0.00	40.54 -4.01 0.00	36.70 -2.89 0.00	35.02 -2.80 0.00	34.80 -2.38 0.00
NIAGARA___ 23760	35.41 -3.00 0.00	35.11 -2.68 0.00	33.59 -2.64 0.00	32.99 -2.79 0.00	33.01 -2.91 0.00	35.20 -2.49 0.00	41.01 -3.81 0.00	43.00 -4.25 0.00	43.67 -4.16 0.00	43.30 -4.50 0.00	43.84 -4.18 0.00	41.89 -4.29 0.00	39.65 -4.21 0.00	39.58 -3.58 0.00	38.80 -3.28 0.00	39.12 -3.73 0.00	40.96 -4.00 0.00	46.44 -4.99 0.00	50.82 -4.48 0.00	45.30 -3.99 0.00	40.98 -3.57 0.00	37.06 -2.53 0.00	35.40 -2.42 0.00	35.14 -2.05 0.00
NINE_MILE_1 23575	36.98 -1.42 0.00	36.43 -1.36 0.00	34.93 -1.30 0.00	34.46 -1.32 0.00	34.59 -1.33 0.00	36.37 -1.32 0.00	43.02 -1.79 0.00	45.27 -1.98 0.00	45.87 -1.96 0.00	45.84 -1.96 0.00	46.09 -1.92 0.00	44.29 -1.90 0.00	42.06 -1.80 0.00	41.43 -1.73 0.00	40.44 -1.64 0.00	41.13 -1.72 0.00	43.16 -1.80 0.00	49.37 -2.06 0.00	53.20 -2.10 0.00	47.42 -1.87 0.00	42.85 -1.69 0.00	38.21 -1.39 0.00	36.68 -1.13 0.00	36.10 -1.08 0.00
NINE_MILE_2 23744	36.98 -1.42 0.00	36.43 -1.36 0.00	34.93 -1.30 0.00	34.49 -1.29 0.00	34.59 -1.33 0.00	36.37 -1.32 0.00	43.02 -1.79 0.00	45.27 -1.98 0.00	45.87 -1.96 0.00	45.84 -1.96 0.00	46.09 -1.92 0.00	44.29 -1.90 0.00	42.06 -1.80 0.00	41.43 -1.73 0.00	40.44 -1.64 0.00	41.13 -1.72 0.00	43.16 -1.80 0.00	49.37 -2.06 0.00	53.20 -2.10 0.00	47.42 -1.87 0.00	42.85 -1.69 0.00	38.21 -1.39 0.00	36.72 -1.10 0.00	36.10 -1.08 0.00
NM_CAPITAL___DRP 24208	39.82 1.42 0.00	39.11 1.32 0.00	37.54 1.30 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.97 1.28 0.00	46.74 1.93 0.00	49.24 1.98 0.00	49.94 2.10 0.00	49.90 2.10 0.00	50.08 2.06 0.00	48.17 1.99 0.00	45.79 1.93 0.00	45.15 1.99 0.00	43.98 1.89 0.00	44.81 1.97 0.00	47.07 2.11 0.00	53.90 2.47 0.00	57.84 2.54 0.00	51.51 2.22 0.00	46.55 2.00 0.00	41.30 1.70 0.00	39.33 1.51 0.00	38.67 1.49 0.00

NM_CENTRAL___DRP 24181	37.60 -0.81 0.00	37.07 -0.72 0.00	35.47 -0.76 0.00	35.03 -0.75 0.00	35.16 -0.75 0.00	37.01 -0.68 0.00	43.87 -0.94 0.00	46.21 -1.04 0.00	46.88 -0.96 0.00	46.84 -0.96 0.00	47.15 -0.86 0.00	45.30 -0.88 0.00	42.98 -0.88 0.00	42.30 -0.86 0.00	41.41 -0.67 0.00	42.12 -0.73 0.00	44.15 -0.81 0.00	50.50 -0.93 0.00	54.47 -0.83 0.00	48.50 -0.79 0.00	43.79 -0.76 0.00	39.04 -0.55 0.00	37.44 -0.38 0.00	36.81 -0.37 0.00
NM_FRONTIER___DRP 24179	35.06 -3.34 0.00	34.76 -3.02 0.00	33.26 -2.97 0.00	32.67 -3.11 0.00	32.69 -3.23 0.00	34.86 -2.83 0.00	40.56 -4.26 0.00	42.53 -4.73 0.00	43.24 -4.59 0.00	42.83 -4.97 0.00	43.31 -4.71 0.00	41.47 -4.71 0.00	39.21 -4.65 0.00	38.76 -4.40 0.00	38.38 -3.70 0.00	38.69 -4.16 0.00	40.51 -4.45 0.00	45.93 -5.50 0.00	50.27 -5.03 0.00	44.81 -4.49 0.00	40.54 -4.01 0.00	36.70 -2.89 0.00	35.02 -2.80 0.00	34.80 -2.38 0.00
NM_ST_REGIS___HYD 24053	42.05 3.65 0.00	41.41 3.63 0.00	39.60 3.37 0.00	39.22 3.43 0.00	38.72 2.80 0.00	40.40 2.71 0.00	47.64 2.82 0.00	50.13 2.88 0.00	50.08 2.25 0.00	50.52 2.72 0.00	51.76 3.75 0.00	50.11 3.93 0.00	47.41 3.55 0.00	46.40 3.24 0.00	44.61 2.52 0.00	44.26 1.41 0.00	46.00 1.03 0.00	52.20 0.77 0.00	56.46 1.16 0.00	50.67 1.38 0.00	45.75 1.20 0.00	41.02 1.43 0.00	39.10 1.29 0.00	39.15 1.97 0.00
NORTHPORT___1 23551	40.90 2.49 0.00	39.94 2.15 0.00	38.26 2.03 0.00	37.75 1.97 0.00	38.00 2.08 0.00	39.84 2.15 0.00	56.87 3.18 -8.87	61.50 3.73 -10.52	61.56 3.92 -9.81	53.67 3.87 -2.00	51.28 3.27 0.00	49.69 3.51 0.00	50.45 3.42 -3.16	50.36 3.32 -3.87	51.41 3.24 -6.09	51.59 3.47 -5.28	51.72 3.69 -3.07	59.41 4.47 -3.51	66.23 4.70 -6.23	53.24 3.94 0.00	48.20 3.65 0.00	42.48 2.89 0.00	40.12 2.31 0.00	39.90 2.71 0.00
NORTHPORT___2 23552	40.90 2.49 0.00	39.94 2.15 0.00	38.26 2.03 0.00	37.75 1.97 0.00	38.00 2.08 0.00	39.84 2.15 0.00	56.87 3.18 -8.87	61.50 3.73 -10.52	61.56 3.92 -9.81	53.67 3.87 -2.00	51.28 3.27 0.00	49.69 3.51 0.00	50.45 3.42 -3.16	50.36 3.32 -3.87	51.41 3.24 -6.09	51.59 3.47 -5.28	51.72 3.69 -3.07	59.41 4.47 -3.51	66.23 4.70 -6.23	53.24 3.94 0.00	48.20 3.65 0.00	42.48 2.89 0.00	40.12 2.31 0.00	39.90 2.71 0.00
NORTHPORT___3 23553	40.59 2.19 0.00	39.60 1.81 0.00	37.90 1.67 0.00	37.39 1.61 0.00	37.64 1.72 0.00	39.50 1.81 0.00	56.56 2.87 -8.87	60.46 2.69 -10.52	60.46 2.82 -9.81	53.29 3.49 -2.00	50.89 2.88 0.00	49.60 3.42 0.00	50.27 3.25 -3.16	50.27 3.24 -3.87	51.07 2.90 -6.09	51.37 3.25 -5.28	51.31 3.28 -3.07	57.92 2.98 -3.51	64.68 3.15 -6.23	52.49 3.20 0.00	48.15 3.61 0.00	42.41 2.81 0.00	40.05 2.23 0.00	39.68 2.49 0.00
NORTHPORT___4 23650	40.59 2.19 0.00	39.60 1.81 0.00	37.90 1.67 0.00	37.39 1.61 0.00	37.64 1.72 0.00	39.50 1.81 0.00	56.56 2.87 -8.87	60.46 2.69 -10.52	60.46 2.82 -9.81	53.29 3.49 -2.00	50.89 2.88 0.00	49.60 3.42 0.00	50.27 3.25 -3.16	50.27 3.24 -3.87	51.07 2.90 -6.09	51.37 3.25 -5.28	51.31 3.28 -3.07	57.92 2.98 -3.51	64.68 3.15 -6.23	52.49 3.20 0.00	48.15 3.61 0.00	42.41 2.81 0.00	40.05 2.23 0.00	39.68 2.49 0.00
NORTHPORT___IC 23718	40.90 2.50 0.00	39.94 2.15 0.00	38.26 2.03 0.00	37.75 1.97 0.00	38.00 2.08 0.00	39.84 2.15 0.00	56.87 3.18 -8.87	61.50 3.73 -10.52	61.56 3.92 -9.81	53.67 3.87 -2.00	51.28 3.26 0.00	49.69 3.51 0.00	50.45 3.42 -3.16	50.44 3.41 -3.87	51.41 3.24 -6.09	51.63 3.51 -5.28	51.72 3.69 -3.07	59.41 4.47 -3.51	66.23 4.70 -6.23	53.24 3.94 0.00	48.20 3.65 0.00	42.48 2.89 0.00	40.12 2.31 0.00	39.86 2.68 0.00
NORTH___COUNTRY_ESR 323785	38.98 0.58 0.00	38.36 0.57 0.00	36.78 0.54 0.00	36.28 0.50 0.00	36.31 0.40 0.00	38.22 0.53 0.00	45.22 0.40 0.00	47.63 0.38 0.00	47.93 0.10 0.00	47.99 0.19 0.00	48.21 0.19 0.00	46.27 0.09 0.00	43.86 0.00 0.00	42.99 -0.17 0.00	41.74 -0.34 0.00	42.12 -0.73 0.00	43.97 -0.99 0.00	50.04 -1.39 0.00	53.64 -1.66 0.00	47.91 -1.38 0.00	43.35 -1.20 0.00	38.49 -1.11 0.00	36.60 -1.21 0.00	36.10 -1.08 0.00
NPX_GEN_1385_PROXY 323591	40.74 2.34 0.00	39.79 2.00 0.00	38.08 1.85 0.00	37.57 1.79 0.00	37.82 1.90 0.00	39.68 2.00 0.00	56.29 2.60 -8.87	61.50 3.73 -10.52	61.70 4.06 -9.81	53.86 4.06 -2.00	50.94 2.93 0.00	49.37 3.18 0.00	50.14 3.11 -3.16	50.05 3.02 -3.87	50.82 2.65 -6.09	50.69 2.57 -5.28	51.00 2.97 -3.07	58.65 3.71 -3.51	64.96 3.43 -6.23	52.30 3.01 0.00	47.22 2.67 0.00	41.89 2.30 0.00	39.40 1.59 0.00	39.34 2.16 0.00
NPX_GEN_CSC 323557	41.17 2.77 0.00	40.21 2.42 0.00	38.48 2.25 0.00	37.93 2.15 0.00	38.22 2.30 0.00	40.10 2.41 0.00	57.36 3.68 -8.87	61.93 4.16 -10.52	61.95 4.31 -9.81	53.43 3.63 -2.00	50.75 2.74 0.00	49.18 3.00 0.00	49.96 2.94 -3.16	49.88 2.85 -3.87	51.03 2.86 -6.09	51.29 3.17 -5.28	51.41 3.37 -3.07	59.62 4.68 -3.51	66.56 5.03 -6.23	52.99 3.70 0.00	48.11 3.57 0.00	42.09 2.50 0.00	39.74 1.93 0.00	40.27 3.08 0.00
NSINS_S___GLNS_FALLS 23858	41.55 3.15 0.00	40.85 3.06 0.00	39.17 2.93 0.00	38.68 2.90 0.00	39.01 3.09 0.00	40.85 3.17 0.00	49.21 4.39 0.00	51.88 4.63 0.00	52.76 4.93 0.00	52.58 4.78 0.00	52.67 4.66 0.00	50.57 4.39 0.00	48.03 4.17 0.00	47.30 4.14 0.00	45.95 3.87 0.00	46.91 4.07 0.00	49.37 4.41 0.00	56.57 5.14 0.00	60.78 5.47 0.00	54.12 4.83 0.00	48.91 4.37 0.00	43.32 3.72 0.00	41.14 3.33 0.00	40.34 3.16 0.00
NUCOR_STEEL___DRP 24197	37.94 -0.46 0.00	37.45 -0.34 0.00	35.83 -0.40 0.00	35.39 -0.39 0.00	35.52 -0.40 0.00	37.42 -0.26 0.00	44.41 -0.40 0.00	46.73 -0.52 0.00	47.35 -0.48 0.00	47.32 -0.48 0.00	47.53 -0.48 0.00	45.67 -0.51 0.00	43.34 -0.53 0.00	42.60 -0.56 0.00	41.75 -0.34 0.00	42.42 -0.43 0.00	44.56 -0.40 0.00	50.97 -0.46 0.00	55.08 -0.22 0.00	49.10 -0.20 0.00	44.37 -0.18 0.00	39.52 -0.08 0.00	37.82 0.00 0.00	37.18 0.00 0.00
NUMBER_THREE_WT_PWR 323818	39.90 1.50 0.00	39.26 1.47 0.00	37.53 1.30 0.00	37.17 1.39 0.00	37.07 1.15 0.00	38.97 1.28 0.00	46.43 1.61 0.00	48.95 1.70 0.00	49.12 1.29 0.00	49.14 1.34 0.00	49.79 1.78 0.00	47.94 1.75 0.00	45.49 1.62 0.00	44.67 1.51 0.00	43.26 1.18 0.00	43.70 0.86 0.00	45.72 0.76 0.00	52.46 1.03 0.00	56.74 1.44 0.00	50.87 1.58 0.00	45.88 1.34 0.00	40.94 1.35 0.00	38.91 1.10 0.00	38.34 1.15 0.00
NYISO_LBMP_REFERENCE 24008	38.40 0.00 0.00	37.79 0.00 0.00	36.23 0.00 0.00	35.78 0.00 0.00	35.92 0.00 0.00	37.69 0.00 0.00	44.81 0.00 0.00	47.25 0.00 0.00	47.83 0.00 0.00	47.80 0.00 0.00	48.01 0.00 0.00	46.18 0.00 0.00	43.86 0.00 0.00	43.16 0.00 0.00	42.08 0.00 0.00	42.84 0.00 0.00	44.96 0.00 0.00	51.43 0.00 0.00	55.30 0.00 0.00	49.29 0.00 0.00	44.55 0.00 0.00	39.59 0.00 0.00	37.82 0.00 0.00	37.18 0.00 0.00

NYPA_BRENTWD____GT 24164	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.04 2.26 0.00	38.29 2.37 0.00	40.17 2.49 0.00	57.36 3.68 -8.87	61.97 4.20 -10.52	61.99 4.35 -9.81	54.05 4.25 -2.00	51.71 3.70 0.00	50.11 3.92 0.00	50.89 3.86 -3.16	50.78 3.75 -3.87	51.87 3.70 -6.09	52.10 3.99 -5.28	52.26 4.23 -3.07	60.08 5.14 -3.51	67.00 5.48 -6.23	53.88 4.58 0.00	48.73 4.19 0.00	42.88 3.28 0.00	40.54 2.72 0.00	40.31 3.12 0.00
NYPA_GOWANUS____GT5 24156	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NYPA_GOWANUS____GT6 24157	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.27 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.25 3.19 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.79 3.64 -12.19	61.67 4.16 -6.07	65.07 4.32 -5.46	61.64 3.85 -8.50	60.79 3.48 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86
NYPA_HARLEM_RVR_GT1 24160	40.05 1.65 0.00	39.00 1.21 0.00	37.65 1.41 0.00	37.22 1.43 -0.01	37.47 1.54 -0.01	38.89 1.21 0.00	46.64 1.84 0.01	49.60 2.36 0.01	50.36 2.53 0.01	50.47 2.68 0.01	50.55 2.54 0.01	48.80 2.63 0.01	46.49 2.63 0.01	45.70 2.55 0.01	44.60 2.52 0.01	45.62 2.78 0.01	47.92 2.97 0.01	54.76 3.34 0.01	58.78 3.49 0.01	52.40 3.11 0.00	47.35 2.81 0.01	41.72 2.14 0.01	39.83 2.00 -0.01	39.05 1.86 -0.01
NYPA_HARLEM_RVR_GT2 24161	40.05 1.65 0.00	39.00 1.21 0.00	37.65 1.41 0.00	37.22 1.43 -0.01	37.47 1.54 -0.01	38.89 1.21 0.00	46.64 1.84 0.01	49.60 2.36 0.01	50.36 2.53 0.01	50.47 2.68 0.01	50.55 2.54 0.01	48.80 2.63 0.01	46.49 2.63 0.01	45.70 2.55 0.01	44.60 2.52 0.01	45.62 2.78 0.01	47.92 2.97 0.01	54.76 3.34 0.01	58.78 3.49 0.01	52.40 3.11 0.00	47.35 2.81 0.01	41.72 2.14 0.01	39.83 2.00 -0.01	39.05 1.86 -0.01
NYPA_KENT____GT 24152	49.45 2.00 -9.06	48.13 1.62 -8.72	47.46 1.67 -9.57	47.28 1.68 -9.82	47.37 1.76 -9.69	48.09 1.62 -8.78	52.36 2.42 -5.13	55.11 2.93 -4.92	55.51 3.16 -4.52	55.96 3.25 -4.91	55.59 3.12 -4.46	54.83 3.18 -5.47	53.92 3.11 -6.94	53.62 3.06 -7.39	53.10 2.99 -8.03	53.87 3.30 -7.73	55.41 3.46 -6.99	58.87 3.96 -3.48	62.58 4.15 -3.13	57.82 3.65 -4.88	55.16 3.30 -7.32	52.13 2.61 -9.92	50.47 2.42 -10.23	48.59 2.31 -9.10
NYPA_POUCH1____GT 24155	56.19 2.00 -15.80	54.70 1.70 -15.21	54.69 1.77 -16.68	54.65 1.75 -17.12	54.69 1.87 -16.90	54.69 1.70 -15.31	56.22 2.46 -8.94	58.82 2.98 -8.59	58.82 3.11 -7.88	59.56 3.20 -8.56	58.87 3.08 -7.78	58.86 3.14 -9.53	59.04 3.07 -12.11	59.08 3.02 -12.89	59.07 2.99 -14.00	59.58 3.25 -13.48	60.57 3.42 -12.19	61.41 3.91 -6.07	64.79 4.03 -5.46	61.39 3.60 -8.50	60.57 3.25 -12.77	59.52 2.61 -17.31	57.53 2.42 -17.29	55.39 2.34 -15.86
NYPA_VERNON____GT2 24162	42.56 1.84 -2.32	41.49 1.47 -2.23																						

OAK ORCHARD___HYD 24046	36.64 -1.77 0.00	36.20 -1.59 0.00	34.64 -1.59 0.00	34.10 -1.68 0.00	34.19 -1.72 0.00	36.33 -1.36 0.00	42.71 -2.11 0.00	44.98 -2.27 0.00	45.54 -2.30 0.00	45.36 -2.44 0.00	45.81 -2.21 0.00	43.83 -2.35 0.00	41.54 -2.33 0.00	41.22 -1.94 0.00	40.32 -1.77 0.00	40.79 -2.06 0.00	42.80 -2.16 0.00	48.75 -2.68 0.00	53.14 -2.16 0.00	47.27 -2.02 0.00	42.72 -1.83 0.00	38.37 -1.23 0.00	36.60 -1.21 0.00	36.10 -1.08 0.00
OAKDALE___35_KV_LOAD 356122	38.06 -0.35 0.00	37.52 -0.26 0.00	35.94 -0.29 0.00	35.46 -0.32 0.00	35.60 -0.32 0.00	37.46 -0.23 0.00	44.50 -0.31 0.00	46.87 -0.38 0.00	47.50 -0.33 0.00	47.37 -0.43 0.00	47.63 -0.38 0.00	45.77 -0.42 0.00	43.38 -0.48 0.00	42.73 -0.43 0.00	41.83 -0.25 0.00	42.59 -0.26 0.00	44.69 -0.27 0.00	51.12 -0.31 0.00	55.24 -0.06 0.00	49.24 -0.05 0.00	44.46 -0.09 0.00	39.63 0.04 0.00	37.82 0.00 0.00	37.26 0.07 0.00
OCC_CHEM___DRP 24175	35.14 -3.26 0.00	34.84 -2.95 0.00	33.33 -2.90 0.00	32.74 -3.04 0.00	32.76 -3.16 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.62 -4.63 0.00	43.34 -4.50 0.00	42.92 -4.88 0.00	43.40 -4.61 0.00	41.56 -4.62 0.00	39.26 -4.61 0.00	38.80 -4.36 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.38 -4.92 0.00	44.86 -4.44 0.00	40.63 -3.92 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.88 -2.31 0.00
OH_GEN_PROXY 24063	35.48 -2.92 0.00	35.18 -2.61 0.00	33.66 -2.57 0.00	33.06 -2.72 0.00	33.08 -2.84 0.00	35.24 -2.45 0.00	41.10 -3.72 0.00	43.14 -4.11 0.00	43.81 -4.02 0.00	43.45 -4.35 0.00	43.93 -4.08 0.00	42.03 -4.16 0.00	39.74 -4.12 0.00	39.67 -3.49 0.00	38.88 -3.20 0.00	39.20 -3.64 0.00	41.09 -3.87 0.00	46.59 -4.84 0.00	50.99 -4.31 0.00	45.40 -3.90 0.00	41.12 -3.43 0.00	37.14 -2.45 0.00	35.44 -2.38 0.00	35.18 -2.01 0.00
OLIN_CORP_DRP 24177	35.10 -3.30 0.00	34.80 -2.99 0.00	33.30 -2.93 0.00	32.74 -3.04 0.00	32.72 -3.20 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.67 -4.58 0.00	43.34 -4.50 0.00	42.92 -4.88 0.00	43.40 -4.61 0.00	41.52 -4.66 0.00	39.26 -4.61 0.00	38.80 -4.36 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.43 -4.87 0.00	44.95 -4.34 0.00	40.67 -3.88 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.84 -2.34 0.00
OLIN_CORP_DSASP 323712	35.14 -3.26 0.00	34.84 -2.95 0.00	33.33 -2.90 0.00	32.74 -3.04 0.00	32.76 -3.16 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.62 -4.63 0.00	43.33 -4.50 0.00	42.92 -4.88 0.00	43.45 -4.56 0.00	41.56 -4.62 0.00	39.30 -4.56 0.00	39.28 -3.88 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.38 -4.92 0.00	44.86 -4.44 0.00	40.63 -3.92 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.84 -2.34 0.00
ONEIDA_HERK_LFGE 323681	39.52 1.11 0.00	38.92 1.13 0.00	37.24 1.01 0.00	36.85 1.07 0.00	36.85 0.93 0.00	38.74 1.05 0.00	46.21 1.39 0.00	48.81 1.56 0.00	49.22 1.39 0.00	49.14 1.34 0.00	49.65 1.63 0.00	47.75 1.57 0.00	45.35 1.49 0.00	44.63 1.47 0.00	43.30 1.22 0.00	43.96 1.11 0.00	46.09 1.12 0.00	52.82 1.39 0.00	56.91 1.60 0.00	50.82 1.53 0.00	45.88 1.34 0.00	40.82 1.23 0.00	38.87 1.06 0.00	38.22 1.04 0.00
ONEIDA___115KV_TB4 55905	39.28 0.88 0.00	38.69 0.91 0.00	37.06 0.83 0.00	36.64 0.86 0.00	36.71 0.79 0.00	38.63 0.94 0.00	46.07 1.25 0.00	48.57 1.32 0.00	49.08 1.24 0.00	48.99 1.19 0.00	49.36 1.34 0.00	47.47 1.29 0.00	45.05 1.18 0.00	44.37 1.21 0.00	43.18 1.09 0.00	44.00 1.16 0.00	46.13 1.17 0.00	52.87 1.44 0.00	56.96 1.66 0.00	50.82 1.53 0.00	45.84 1.29 0.00	40.82 1.23 0.00	38.88 1.06 0.00	38.19 1.00 0.00
ONONDAGA_REF_OCCRA 23987	37.75 -0.65 0.00	37.22 -0.57 0.00	35.62 -0.62 0.00	35.17 -0.61 0.00	35.31 -0.61 0.00	37.16 -0.53 0.00	44.10 -0.72 0.00	46.45 -0.80 0.00	47.12 -0.72 0.00	47.08 -0.72 0.00	47.34 -0.67 0.00	45.49 -0.69 0.00	43.16 -0.70 0.00	42.47 -0.69 0.00	41.54 -0.55 0.00	42.29 -0.56 0.00	44.33 -0.63 0.00	50.71 -0.72 0.00	54.75 -0.55 0.00	48.75 -0.54 0.00	44.06 -0.49 0.00	39.24 -0.36 0.00	37.59 -0.23 0.00	36.96 -0.22 0.00
ONONDAGA___COGEN 23986	37.94 -0.46 0.00	37.41 -0.38 0.00	35.80 -0.43 0.00	35.35 -0.43 0.00	35.49 -0.43 0.00	37.31 -0.38 0.00	44.28 -0.54 0.00	46.64 -0.61 0.00	47.31 -0.53 0.00	47.27 -0.53 0.00	47.58 -0.43 0.00	45.72 -0.46 0.00	43.34 -0.53 0.00	42.64 -0.52 0.00	41.70 -0.38 0.00	42.42 -0.43 0.00	44.51 -0.45 0.00	50.92 -0.51 0.00	54.91 -0.39 0.00	48.95 -0.35 0.00	44.19 -0.36 0.00	39.40 -0.20 0.00	37.74 -0.08 0.00	37.07 -0.11 0.00
ONTARIO___LFGE 23819	37.63 -0.77 0.00	37.18 -0.61 0.00	35.54 -0.69 0.00	35.10 -0.68 0.00	35.23 -0.68 0.00	37.27 -0.41 0.00	44.23 -0.58 0.00	46.49 -0.76 0.00	47.12 -0.72 0.00	46.94 -0.86 0.00	47.20 -0.82 0.00	45.21 -0.97 0.00	42.81 -1.05 0.00	42.30 -0.86 0.00	41.41 -0.67 0.00	42.07 -0.77 0.00	44.20 -0.76 0.00	50.60 -0.82 0.00	55.03 -0.28 0.00	49.10 -0.20 0.00	44.28 -0.27 0.00	39.52 -0.08 0.00	37.67 -0.15 0.00	37.07 -0.11 0.00
ORANGEVILLE_WT_PWR 323706	35.45 -2.96 0.00	35.18 -2.61 0.00	33.62 -2.61 0.00	33.10 -2.68 0.00	33.04 -2.87 0.00	35.01 -2.67 0.00	41.01 -3.81 0.00	42.90 -4.35 0.00	43.53 -4.30 0.00	43.26 -4.54 0.00	43.60 -4.42 0.00	41.70 -4.48 0.00	39.39 -4.47 0.00	39.19 -3.97 0.00	38.51 -3.58 0.00	39.24 -3.60 0.00	41.23 -3.73 0.00	47.01 -4.42 0.00	51.60 -3.70 0.00	46.09 -3.20 0.00	41.65 -2.89 0.00	37.30 -2.30 0.00	35.70 -2.12 0.00	35.47 -1.71 0.00
ORANGEVILLE___ESR 323794	35.45 -2.96 0.00	35.18 -2.61 0.00	33.62 -2.61 0.00	33.10 -2.68 0.00	33.04 -2.87 0.00	35.01 -2.67 0.00	41.01 -3.81 0.00	42.90 -4.35 0.00	43.53 -4.30 0.00	43.26 -4.54 0.00	43.60 -4.42 0.00	41.70 -4.48 0.00	39.39 -4.47 0.00	39.19 -3.97 0.00	38.51 -3.58 0.00	39.24 -3.60 0.00	41.23 -3.73 0.00	47.01 -4.42 0.00	51.60 -3.70 0.00	46.09 -3.20 0.00	41.65 -2.89 0.00	37.30 -2.30 0.00	35.70 -2.12 0.00	35.47 -1.71 0.00
OSWEGATCHIE___HYD 24044	41.20 2.80 0.00	40.58 2.80 0.00	38.77 2.54 0.00	38.39 2.61 0.00	38.04 2.12 0.00	39.76 2.07 0.00	47.10 2.28 0.00	49.61 2.36 0.00	49.60 1.77 0.00	49.85 2.05 0.00	50.99 2.98 0.00	49.28 3.09 0.00	46.67 2.81 0.00	45.75 2.59 0.00	44.10 2.02 0.00	44.00 1.16 0.00	45.86 0.90 0.00	52.30 0.87 0.00	56.68 1.38 0.00	50.92 1.62 0.00	45.93 1.38 0.00	41.14 1.54 0.00	39.18 1.36 0.00	38.97 1.78 0.00
OSWEGO___5 23606	37.21 -1.19 0.00	36.65 -1.13 0.00	35.15 -1.09 0.00	34.71 -1.07 0.00	34.80 -1.11 0.00	36.63 -1.06 0.00	43.34 -1.48 0.00	45.64 -1.61 0.00	46.26 -1.58 0.00	46.17 -1.63 0.00	46.43 -1.58 0.00	44.66 -1.52 0.00	42.37 -1.49 0.00	41.74 -1.42 0.00	40.73 -1.35 0.00	41.43 -1.41 0.00	43.48 -1.48 0.00	49.73 -1.70 0.00	53.64 -1.66 0.00	47.76 -1.53 0.00	43.16 -1.38 0.00	38.49 -1.11 0.00	36.95 -0.87 0.00	36.33 -0.85 0.00

OSWEGO___6 23613	37.21 -1.19 0.00	36.65 -1.13 0.00	35.15 -1.09 0.00	34.71 -1.07 0.00	34.80 -1.11 0.00	36.63 -1.06 0.00	43.34 -1.48 0.00	45.64 -1.61 0.00	46.26 -1.58 0.00	46.17 -1.63 0.00	46.43 -1.58 0.00	44.66 -1.52 0.00	42.37 -1.49 0.00	41.74 -1.42 0.00	40.73 -1.35 0.00	41.43 -1.41 0.00	43.48 -1.48 0.00	49.73 -1.70 0.00	53.64 -1.66 0.00	47.76 -1.53 0.00	43.16 -1.38 0.00	38.49 -1.11 0.00	36.95 -0.87 0.00	36.33 -0.85 0.00
OUTOKUMPU-AB___DRP 24206	35.91 -2.50 0.00	35.63 -2.15 0.00	34.06 -2.17 0.00	33.53 -2.25 0.00	33.51 -2.41 0.00	35.77 -1.92 0.00	41.68 -3.14 0.00	43.75 -3.50 0.00	44.44 -3.40 0.00	43.98 -3.82 0.00	44.46 -3.55 0.00	42.58 -3.60 0.00	40.22 -3.64 0.00	39.79 -3.37 0.00	39.43 -2.65 0.00	39.72 -3.13 0.00	41.59 -3.37 0.00	47.26 -4.17 0.00	51.82 -3.48 0.00	46.14 -3.15 0.00	41.70 -2.85 0.00	37.69 -1.90 0.00	35.89 -1.93 0.00	35.62 -1.56 0.00
OXBOW___BTM 323836	35.45 -2.96 0.00	35.18 -2.61 0.00	33.62 -2.61 0.00	33.06 -2.72 0.00	33.08 -2.84 0.00	35.31 -2.37 0.00	41.10 -3.72 0.00	43.14 -4.11 0.00	43.81 -4.02 0.00	43.36 -4.44 0.00	43.93 -4.08 0.00	42.03 -4.16 0.00	39.69 -4.17 0.00	39.71 -3.45 0.00	38.93 -3.16 0.00	39.20 -3.64 0.00	41.05 -3.91 0.00	46.59 -4.84 0.00	51.04 -4.26 0.00	45.45 -3.84 0.00	41.12 -3.43 0.00	37.18 -2.42 0.00	35.44 -2.38 0.00	35.18 -2.01 0.00
OXBOW____ 24026	35.44 -2.96 0.00	35.18 -2.61 0.00	33.62 -2.61 0.00	33.06 -2.72 0.00	33.04 -2.87 0.00	35.31 -2.37 0.00	41.09 -3.72 0.00	43.14 -4.11 0.00	43.81 -4.02 0.00	43.35 -4.45 0.00	43.88 -4.13 0.00	42.03 -4.16 0.00	39.69 -4.17 0.00	39.23 -3.93 0.00	38.88 -3.20 0.00	39.20 -3.64 0.00	41.05 -3.91 0.00	46.60 -4.83 0.00	51.04 -4.26 0.00	45.45 -3.84 0.00	41.12 -3.43 0.00	37.18 -2.42 0.00	35.43 -2.38 0.00	35.18 -2.01 0.00
OXY_CHEM_DSASP 323612	35.14 -3.26 0.00	34.84 -2.95 0.00	33.33 -2.90 0.00	32.74 -3.04 0.00	32.76 -3.16 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.62 -4.63 0.00	43.34 -4.50 0.00	42.92 -4.88 0.00	43.40 -4.61 0.00	41.56 -4.62 0.00	39.26 -4.61 0.00	38.80 -4.36 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.38 -4.92 0.00	44.86 -4.44 0.00	40.63 -3.92 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.88 -2.31 0.00
OZONE_PARK_ESR 323760	40.24 1.84 0.00	39.30 1.51 0.00	37.79 1.56 0.00	37.32 1.54 0.00	37.53 1.62 0.00	39.23 1.55 0.00	47.23 2.42 0.00	50.13 2.88 0.00	50.89 3.06 0.00	51.00 3.20 0.00	51.04 3.02 0.00	49.28 3.09 0.00	46.89 3.03 0.00	46.23 3.06 0.00	44.99 2.90 0.00	46.01 3.17 0.00	48.33 3.37 0.00	55.34 3.91 0.00	59.45 4.15 0.00	52.99 3.70 0.00	47.84 3.30 0.00	42.21 2.61 0.00	40.16 2.34 0.00	39.38 2.19 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	35.14 -3.26 0.00	34.84 -2.95 0.00	33.33 -2.90 0.00	32.74 -3.04 0.00	32.76 -3.16 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.62 -4.63 0.00	43.34 -4.50 0.00	42.92 -4.88 0.00	43.40 -4.61 0.00	41.56 -4.62 0.00	39.26 -4.61 0.00	38.80 -4.36 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.38 -4.92 0.00	44.86 -4.44 0.00	40.63 -3.92 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.88 -2.31 0.00
PACKARD___115KV_DUPONT_184 80571	35.14 -3.26 0.00	34.84 -2.95 0.00	33.33 -2.90 0.00	32.74 -3.04 0.00	32.76 -3.16 0.00	34.94 -2.75 0.00	40.65 -4.17 0.00	42.62 -4.63 0.00	43.34 -4.50 0.00	42.92 -4.88 0.00	43.40 -4.61 0.00	41.56 -4.62 0.00	39.26 -4.61 0.00	38.80 -4.36 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.03 -5.40 0.00	50.38 -4.92 0.00	44.86 -4.44 0.00	40.63 -3.92 0.00	36.78 -2.81 0.00	35.09 -2.72 0.00	34.88 -2.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.21 1.80 0.00	39.19 1.40 0.00	37.83 1.59 0.00	37.33 1.54 -0.01	37.58 1.65 -0.01	39.04 1.36 0.00	46.88 2.06 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.97 2.81 0.00	44.73 2.65 0.00	45.80 2.96 0.00	48.06 3.10 0.00	54.98 3.55 0.00	58.95 3.65 0.00	52.55 3.25 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.98 2.16 -0.01	39.20 2.01 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	40.44 2.04 0.00	39.37 1.59 0.00	38.01 1.78 0.00	37.54 1.75 -0.01	37.79 1.87 -0.01	39.27 1.58 0.00	47.14 2.33 0.00	50.09 2.84 0.00	50.85 3.01 0.00	50.91 3.11 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.86 2.78 0.00	45.93 3.08 0.00	48.24 3.28 0.00	55.13 3.70 0.00	59.23 3.93 0.00	52.79 3.50 0.00	47.66 3.12 0.00	42.09 2.49 0.00	40.13 2.31 -0.01	39.42 2.23 -0.01
PATROON___115KV_TB1 80586	40.17 1.77 0.00	39.49 1.70 0.00	37.86 1.63 0.00	37.39 1.61 0.00	37.61 1.69 0.00	39.35 1.66 0.00	47.19 2.38 0.00	49.76 2.50 0.00	50.46 2.63 0.00	50.43 2.63 0.00	50.65 2.64 0.00	48.72 2.54 0.00	46.32 2.46 0.00	45.66 2.50 0.00	44.48 2.40 0.00	45.33 2.48 0.00	47.61 2.65 0.00	54.46 3.03 0.00	58.45 3.15 0.00	52.05 2.76 0.00	47.04 2.49 0.00	41.69 2.10 0.00	39.71 1.89 0.00	39.01 1.82 0.00
PATTRSNVILLE___SOLAR 323815	39.78 1.38 0.00	39.11 1.32 0.00	37.50 1.27 0.00	37.07 1.29 0.00	37.28 1.36 0.00	39.01 1.32 0.00	46.70 1.88 0.00	49.24 1.98 0.00	49.79 1.96 0.00	49.62 1.82 0.00	49.79 1.78 0.00	47.89 1.71 0.00	45.49 1.62 0.00	44.80 1.64 0.00	43.68 1.60 0.00	44.51 1.67 0.00	46.89 1.93 0.00	53.75 2.32 0.00	57.85 2.55 0.00	51.56 2.27 0.00	46.60 2.05 0.00	41.33 1.74 0.00	39.37 1.55 0.00	38.67 1.49 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	36.87 -1.54 0.00	36.50 -1.28 0.00	34.93 -1.30 0.00	34.39 -1.40 0.00	34.37 -1.54 0.00	36.67 -1.02 0.00	42.84 -1.97 0.00	44.98 -2.27 0.00	45.68 -2.15 0.00	45.17 -2.63 0.00	45.61 -2.40 0.00	43.69 -2.49 0.00	41.23 -2.63 0.00	40.79 -2.37 0.00	40.36 -1.73 0.00	40.74 -2.10 0.00	42.71 -2.25 0.00	48.65 -2.78 0.00	53.36 -1.94 0.00	47.57 -1.73 0.00	42.90 -1.65 0.00	38.64 -0.95 0.00	36.76 -1.06 0.00	36.48 -0.71 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	40.17 1.77 0.00	39.41 1.62 0.00	37.79 1.56 0.00	37.28 1.50 0.00	37.57 1.65 0.00	39.20 1.51 0.00	47.23 2.42 0.00	49.94 2.69 0.00	50.65 2.82 0.00	50.72 2.92 0.00	50.94 2.93 0.00	49.14 2.96 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.73 2.65 0.00	45.84 3.00 0.00	48.06 3.10 0.00	55.08 3.65 0.00	59.12 3.82 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.82 2.00 0.00	39.04 1.86 0.00
PEEKSKILL____ 23653	39.71 1.31 0.00	38.88 1.10 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.07 1.15 0.00	38.74 1.05 0.00	46.61 1.79 0.00	49.33 2.08 0.00	50.08 2.25 0.00	50.09 2.29 0.00	50.22 2.21 0.00	48.44 2.26 0.00	46.05 2.19 0.00	45.27 2.11 0.00	44.19 2.10 0.00	45.20 2.35 0.00	47.43 2.47 0.00	54.36 2.93 0.00	58.34 3.04 0.00	52.00 2.71 0.00	46.95 2.40 0.00	41.49 1.90 0.00	39.44 1.62 0.00	38.71 1.53 0.00

PGE MADISON___WINDPWR 24146	40.28 1.88 0.00	39.79 2.00 0.00	37.93 1.70 0.00	37.64 1.86 0.00	37.61 1.69 0.00	39.84 2.15 0.00	47.73 2.91 0.00	50.32 3.07 0.00	50.61 2.77 0.00	50.14 2.34 0.00	50.51 2.50 0.00	48.40 2.22 0.00	45.97 2.11 0.00	45.32 2.16 0.00	44.27 2.19 0.00	45.07 2.23 0.00	47.61 2.65 0.00	54.77 3.34 0.00	59.28 3.98 0.00	53.09 3.80 0.00	47.71 3.16 0.00	42.57 2.97 0.00	40.35 2.53 0.00	39.60 2.42 0.00
PIERCEFIELD___HYD 23852	42.55 4.15 0.00	41.91 4.12 0.00	40.04 3.80 0.00	39.68 3.90 0.00	39.08 3.16 0.00	40.67 2.98 0.00	47.95 3.14 0.00	50.42 3.17 0.00	50.32 2.49 0.00	50.81 3.01 0.00	52.29 4.27 0.00	50.71 4.53 0.00	47.98 4.12 0.00	46.96 3.80 0.00	45.03 2.95 0.00	44.56 1.71 0.00	46.26 1.30 0.00	52.46 1.03 0.00	56.85 1.55 0.00	51.12 1.82 0.00	46.06 1.51 0.00	41.42 1.82 0.00	39.56 1.74 0.00	39.71 2.53 0.00
PINELAWN_CC_1 323563	40.94 2.53 0.00	39.94 2.15 0.00	38.26 2.03 0.00	37.71 1.93 0.00	38.00 2.08 0.00	39.84 2.15 0.00	56.96 3.27 -8.87	61.41 3.64 -10.52	61.42 3.78 -9.81	53.62 3.83 -2.00	51.37 3.36 0.00	49.79 3.60 0.00	50.53 3.51 -3.16	50.49 3.45 -3.87	51.54 3.37 -6.09	51.76 3.64 -5.28	51.90 3.87 -3.07	59.47 4.53 -3.51	66.40 4.87 -6.23	53.48 4.19 0.00	48.42 3.87 0.00	42.68 3.09 0.00	40.39 2.57 0.00	40.01 2.82 0.00
PJM_GEN_HTP_PROXY 323702	39.98 1.58 0.00	39.03 1.25 0.00	37.50 1.27 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.97 1.28 0.00	46.88 2.06 0.00	49.75 2.50 0.00	50.51 2.68 0.00	50.62 2.82 0.00	50.65 2.64 0.00	48.91 2.72 0.00	46.54 2.68 0.00	45.75 2.59 0.00	44.65 2.57 0.00	45.67 2.83 0.00	47.97 3.01 0.00	54.93 3.50 0.00	58.89 3.59 0.00	52.49 3.20 0.00	47.44 2.89 0.00	41.85 2.26 0.00	39.82 2.00 0.00	39.04 1.86 0.00
PJM_GEN_KEystone 24065	37.98 -0.42 0.00	37.37 -0.41 0.00	35.80 -0.43 0.00	35.31 -0.47 0.00	35.45 -0.47 0.00	37.31 -0.38 0.00	44.41 -0.40 0.00	46.83 -0.43 0.00	47.50 -0.33 0.00	47.32 -0.48 0.00	47.58 -0.43 0.00	45.72 -0.46 0.00	43.38 -0.48 0.00	42.86 -0.30 0.00	41.87 -0.21 0.00	42.63 -0.21 0.00	44.74 -0.22 0.00	51.12 -0.31 0.00	55.36 0.06 0.00	49.34 0.05 0.00	44.55 0.00 0.00	39.67 0.08 0.00	37.74 -0.08 0.00	37.22 0.04 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.36 1.96 0.00	39.41 1.62 0.00	37.79 1.56 0.00	37.28 1.50 0.00	37.54 1.62 0.00	39.31 1.62 0.00	51.96 2.55 -4.59	55.67 2.98 -5.45	56.02 3.11 -5.08	52.04 3.20 -1.03	50.89 2.88 0.00	49.28 3.09 0.00	48.52 3.02 -1.64	48.10 2.94 -2.00	48.14 2.90 -3.15	48.75 3.17 -2.73	49.88 3.33 -1.59	57.15 3.91 -1.82	62.62 4.09 -3.22	52.84 3.55 0.00	47.76 3.21 0.00	42.13 2.54 0.00	39.93 2.12 0.00	39.42 2.23 0.00
PJM_GEN_VFT_PROXY 323633	39.74 1.34 0.00	38.81 1.02 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.10 1.18 0.00	38.74 1.05 0.00	46.65 1.84 0.00	49.52 2.27 0.00	50.27 2.44 0.00	50.33 2.53 0.00	50.41 2.40 0.00	48.63 2.45 0.00	46.32 2.45 0.00	45.53 2.37 0.00	44.40 2.31 0.00	45.41 2.57 0.00	47.70 2.74 0.00	53.91 3.14 0.66	57.30 3.26 1.26	52.20 2.91 0.00	47.17 2.63 0.00	41.61 2.02 0.00	39.63 1.82 0.00	38.86 1.67 0.00
PLATSBURG_115KV_PMLD1 355749	39.67 1.27 0.00	39.07 1.28 0.00	37.43 1.20 0.00	36.93 1.14 0.00	36.92 1.01 0.00	38.93 1.24 0.00	46.02 1.21 0.00	48.53 1.28 0.00	48.74 0.91 0.00	48.76 0.96 0.00	48.88 0.86 0.00	46.78 0.60 0.00	44.30 0.44 0.00	43.29 0.13 0.00	41.83 -0.25 0.00	42.07 -0.77 0.00	43.79 -1.17 0.00	49.73 -1.70 0.00	53.25 -2.05 0.00	47.47 -1.82 0.00	42.99 -1.56 0.00	38.09 -1.50 0.00	36.19 -1.63 0.00	35.70 -1.49 0.00
PLEASANTVLY___LBMP 24000	39.71 1.31 0.00	38.88 1.10 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.07 1.15 0.00	38.74 1.06 0.00	46.61 1.79 0.00	49.28 2.03 0.00	49.98 2.15 0.00	50.05 2.25 0.00	50.13 2.11 0.00	48.35 2.17 0.00	45.97 2.11 0.00	45.28 2.11 0.00	44.10 2.02 0.00	45.07 2.23 0.00	47.30 2.34 0.00	54.21 2.78 0.00	58.18 2.88 0.00	51.81 2.51 0.00	46.82 2.27 0.00	41.42 1.82 0.00	39.40 1.59 0.00	38.67 1.49 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.90 1.50 0.00	39.07 1.28 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.97 1.28 0.00	46.88 2.06 0.00	49.66 2.41 0.00	50.42 2.58 0.00	50.48 2.68 0.00	50.56 2.54 0.00	48.77 2.59 0.00	46.41 2.54 0.00	45.71 2.55 0.00	44.52 2.44 0.00	45.54 2.70 0.00	47.84 2.88 0.00	54.77 3.34 0.00	58.84 3.54 0.00	52.40 3.11 0.00	47.31 2.76 0.00	41.77 2.18 0.00	39.71 1.89 0.00	38.97 1.78 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	39.90 1.50 0.00	39.07 1.28 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.28 1.36 0.00	38.97 1.28 0.00	46.88 2.06 0.00	49.66 2.41 0.00	50.42 2.58 0.00	50.48 2.68 0.00	50.56 2.54 0.00	48.77 2.59 0.00	46.41 2.54 0.00	45.71 2.55 0.00	44.52 2.44 0.00	45.54 2.70 0.00	47.84 2.88 0.00	54.77 3.34 0.00	58.84 3.54 0.00	52.40 3.11 0.00	47.31 2.76 0.00	41.77 2.18 0.00	39.71 1.89 0.00	38.97 1.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.01 1.61 0.00	39.22 1.44 0.00	37.61 1.38 0.00	37.10 1.32 0.00	37.36 1.44 0.00	39.04 1.36 0.00	47.01 2.20 0.00	49.66 2.41 0.00	50.32 2.49 0.00	50.29 2.49 0.00	50.41 2.40 0.00	48.58 2.40 0.00	46.14 2.28 0.00	45.49 2.33 0.00	44.31 2.23 0.00	45.33 2.48 0.00	47.57 2.61 0.00	54.62 3.19 0.00	58.62 3.32 0.00	52.20 2.91 0.00	47.13 2.58 0.00	41.65 2.06 0.00	39.59 1.78 0.00	38.89 1.71 0.00
POLETTI___ 23519	39.94 1.54 0.00	39.00 1.21 0.00	37.54 1.30 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.93 1.24 0.00	46.83 2.02 0.00	49.71 2.46 0.00	50.42 2.58 0.00	50.52 2.72 0.00	50.61 2.59 0.00	48.86 2.68 0.00	46.49 2.63 0.00	45.79 2.63 0.00	44.57 2.48 0.00	45.63 2.78 0.00	47.88 2.92 0.00	54.82 3.39 0.00	58.84 3.54 0.00	52.45 3.15 0.00	47.35 2.81 0.00	41.81 2.22 0.00	39.86 2.04 0.00	39.12 1.93 0.00
POMONA___ESR 323819	39.71 1.31 0.00	38.88 1.10 0.00	37.32 1.09 0.00	36.85 1.07 0.00	37.07 1.15 0.00	38.74 1.05 0.00	46.61 1.79 0.00	49.33 2.08 0.00	50.08 2.25 0.00	50.09 2.29 0.00	50.22 2.21 0.00	48.44 2.26 0.00	46.05 2.19 0.00	45.27 2.11 0.00	44.14 2.06 0.00	45.16 2.31 0.00	47.43 2.47 0.00	54.31 2.88 0.00	58.34 3.04 0.00	52.00 2.71 0.00	46.91 2.36 0.00	41.46 1.86 0.00	39.40 1.59 0.00	38.67 1.49 0.00
PORT_JEFF_3 23555	41.24 2.84 0.00	40.24 2.45 0.00	38.52 2.28 0.00	37.96 2.18 0.00	38.25 2.33 0.00	40.14 2.45 0.00	57.36 3.68 -8.87	61.93 4.16 -10.52	61.95 4.31 -9.81	53.81 4.02 -2.00	51.37 3.36 0.00	49.79 3.60 0.00	50.58 3.55 -3.16	50.49 3.45 -3.87	51.62 3.45 -6.09	51.85 3.73 -5.28	51.99 3.96 -3.07	59.93 4.99 -3.51	66.89 5.36 -6.23	53.58 4.29 0.00	48.56 4.01 0.00	42.64 3.05 0.00	40.27 2.46 0.00	40.31 3.12 0.00

PORT_JEFF_4 23616	41.24 2.84 0.00	40.24 2.45 0.00	38.52 2.28 0.00	37.96 2.18 0.00	38.25 2.33 0.00	40.14 2.45 0.00	57.36 3.68 -8.87	61.93 4.16 -10.52	61.95 4.31 -9.81	53.81 4.02 -2.00	51.37 3.36 0.00	49.79 3.60 0.00	50.58 3.55 -3.16	50.49 3.45 -3.87	51.62 3.45 -6.09	51.85 3.73 -5.28	51.99 3.96 -3.07	59.93 4.99 -3.51	66.89 5.36 -6.23	53.58 4.29 0.00	48.56 4.01 0.00	42.64 3.05 0.00	40.27 2.46 0.00	40.31 3.12 0.00
PORT_JEFF_IC 23713	41.24 2.84 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.25 2.33 0.00	40.18 2.49 0.00	57.41 3.72 -8.87	61.97 4.21 -10.52	61.99 4.35 -9.81	53.86 4.06 -2.00	51.47 3.46 0.00	49.88 3.69 0.00	50.62 3.60 -3.16	50.66 3.63 -3.87	51.66 3.49 -6.09	51.93 3.81 -5.28	52.08 4.05 -3.07	59.93 4.99 -3.51	66.95 5.42 -6.23	53.68 4.39 0.00	48.60 4.05 0.00	42.68 3.09 0.00	40.31 2.50 0.00	40.31 3.12 0.00
PPL PILGRIM_ST_GT1 24216	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.04 2.26 0.00	38.29 2.37 0.00	40.17 2.49 0.00	57.36 3.68 -8.87	61.97 4.20 -10.52	61.99 4.35 -9.81	54.05 4.25 -2.00	51.71 3.70 0.00	50.11 3.92 0.00	50.89 3.86 -3.16	50.78 3.75 -3.87	51.87 3.70 -6.09	52.10 3.99 -5.28	52.26 4.23 -3.07	60.08 5.14 -3.51	67.00 5.48 -6.23	53.88 4.58 0.00	48.73 4.19 0.00	42.88 3.28 0.00	40.54 2.72 0.00	40.31 3.12 0.00
PPL PILGRIM_ST_GT2 24217	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.04 2.26 0.00	38.29 2.37 0.00	40.17 2.49 0.00	57.36 3.68 -8.87	61.97 4.20 -10.52	61.99 4.35 -9.81	54.05 4.25 -2.00	51.71 3.70 0.00	50.11 3.92 0.00	50.89 3.86 -3.16	50.78 3.75 -3.87	51.87 3.70 -6.09	52.10 3.99 -5.28	52.26 4.23 -3.07	60.08 5.14 -3.51	67.00 5.48 -6.23	53.88 4.58 0.00	48.73 4.19 0.00	42.88 3.28 0.00	40.54 2.72 0.00	40.31 3.12 0.00
PPL_SHRM_GT3 24213	41.24 2.84 0.00	40.28 2.49 0.00	38.52 2.28 0.00	37.96 2.18 0.00	38.25 2.33 0.00	40.17 2.49 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	61.99 4.35 -9.81	53.39 3.59 -2.00	50.65 2.64 0.00	49.09 2.91 0.00	49.87 2.85 -3.16	49.80 2.76 -3.87	50.95 2.78 -6.09	51.21 3.09 -5.28	51.36 3.33 -3.07	59.62 4.68 -3.51	66.61 5.08 -6.23	52.94 3.65 0.00	48.06 3.52 0.00	42.05 2.46 0.00	39.71 1.89 0.00	40.34 3.16 0.00
PPL_SHRM_GT4 24214	41.24 2.84 0.00	40.28 2.49 0.00	38.52 2.28 0.00	37.96 2.18 0.00	38.25 2.33 0.00	40.17 2.49 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	61.99 4.35 -9.81	53.39 3.59 -2.00	50.65 2.64 0.00	49.09 2.91 0.00	49.87 2.85 -3.16	49.80 2.76 -3.87	50.95 2.78 -6.09	51.21 3.09 -5.28	51.36 3.33 -3.07	59.62 4.68 -3.51	66.61 5.08 -6.23	52.94 3.65 0.00	48.06 3.52 0.00	42.05 2.46 0.00	39.71 1.89 0.00	40.34 3.16 0.00
PROJECT___ORANGE 1 24174	37.60 -0.81 0.00	37.07 -0.72 0.00	35.51 -0.72 0.00	35.07 -0.72 0.00	35.20 -0.72 0.00	37.01 -0.68 0.00	43.87 -0.94 0.00	46.21 -1.04 0.00	46.88 -0.96 0.00	46.89 -0.91 0.00	47.15 -0.86 0.00	45.35 -0.83 0.00	43.03 -0.83 0.00	42.30 -0.86 0.00	41.41 -0.67 0.00	42.12 -0.73 0.00	44.15 -0.81 0.00	50.50 -0.93 0.00	54.47 -0.83 0.00	48.50 -0.79 0.00	43.83 -0.71 0.00	39.04 -0.55 0.00	37.44 -0.38 0.00	36.81 -0.37 0.00
PROJECT___ORANGE 2 24166	37.60 -0.81 0.00	37.07 -0.72 0.00	35.51 -0.72 0.00	35.07 -0.72 0.00	35.20 -0.72 0.00	37.01 -0.68 0.00	43.87 -0.94 0.00	46.21 -1.04 0.00	46.88 -0.96 0.00	46.89 -0.91 0.00	47.15 -0.86 0.00	45.35 -0.83 0.00	43.03 -0.83 0.00	42.30 -0.86 0.00	41.41 -0.67 0.00	42.12 -0.73 0.00	44.15 -0.81 0.00	50.50 -0.93 0.00	54.47 -0.83 0.00	48.50 -0.79 0.00	43.83 -0.71 0.00	39.04 -0.55 0.00	37.44 -0.38 0.00	36.81 -0.37 0.00
PUCKETT___SOLAR 323809	38.71 0.31 0.00	38.20 0.42 0.00	36.56 0.33 0.00	36.14 0.36 0.00	36.24 0.32 0.00	38.18 0.49 0.00	45.53 0.71 0.00	47.96 0.71 0.00	48.50 0.67 0.00	48.28 0.48 0.00	48.59 0.58 0.00	46.64 0.46 0.00	44.21 0.35 0.00	43.59 0.43 0.00	42.59 0.51 0.00	43.40 0.56 0.00	45.64 0.68 0.00	52.25 0.82 0.00	56.46 1.16 0.00	50.38 1.08 0.00	45.44 0.89 0.00	40.46 0.87 0.00	38.53 0.72 0.00	37.89 0.70 0.00
PYRITES___HYD 24023	43.47 5.07 0.00	42.85 5.06 0.00	40.91 4.67 0.00	40.58 4.79 0.00	39.94 4.02 0.00	41.65 3.96 0.00	49.25 4.44 0.00	51.74 4.49 0.00	51.47 3.64 0.00	51.86 4.06 0.00	53.34 5.33 0.00	51.63 5.45 0.00	48.82 4.96 0.00	47.69 4.53 0.00	45.79 3.70 0.00	45.29 2.44 0.00	47.12 2.16 0.00	53.59 2.16 0.00	58.29 2.99 0.00	52.50 3.20 0.00	47.31 2.76 0.00	42.52 2.93 0.00	40.46 2.65 0.00	40.57 3.38 0.00
QUAKERRD_115KV_BK1 80622	36.06 -2.34 0.00	35.63 -2.15 0.00	34.09 -2.14 0.00	33.60 -2.18 0.00	33.69 -2.23 0.00	35.73 -1.96 0.00	42.13 -2.69 0.00	44.37 -2.88 0.00	44.91 -2.92 0.00	44.79 -3.01 0.00	45.18 -2.83 0.00	43.27 -2.91 0.00	41.01 -2.85 0.00	40.44 -2.72 0.00	39.73 -2.36 0.00	40.27 -2.57 0.00	42.26 -2.70 0.00	48.19 -3.24 0.00	52.37 -2.93 0.00	46.58 -2.71 0.00	42.10 -2.45 0.00	37.73 -1.86 0.00	36.04 -1.78 0.00	35.51 -1.67 0.00
QUEENSBRY_115KV_TB8 356137	41.67 3.26 0.00	40.96 3.17 0.00	39.27 3.04 0.00	38.79 3.01 0.00	39.12 3.20 0.00	41.00 3.32 0.00	49.39 4.57 0.00	52.07 4.82 0.00	52.95 5.12 0.00	52.82 5.02 0.00	52.91 4.90 0.00	50.75 4.57 0.00	48.20 4.34 0.00	47.48 4.32 0.00	46.12 4.04 0.00	47.09 4.24 0.00	49.55 4.59 0.00	56.78 5.35 0.00	61.00 5.70 0.00	54.32 5.03 0.00	49.09 4.54 0.00	43.47 3.88 0.00	41.26 3.44 0.00	40.46 3.27 0.00
RAMAPO___LBMP 323565	39.55 1.15 0.00	38.73 0.94 0.00	37.17 0.94 0.00	36.71 0.93 0.00	36.92 1.01 0.00	38.63 0.94 0.00	46.43 1.61 0.00	49.14 1.89 0.00	49.84 2.01 0.00	49.90 2.10 0.00	50.03 2.02 0.00	48.21 2.03 0.00	45.84 1.97 0.00	45.15 1.99 0.00	43.98 1.89 0.00	44.94 2.10 0.00	47.21 2.25 0.00	54.05 2.62 0.00	58.07 2.77 0.00	51.76 2.46 0.00	46.73 2.18 0.00	41.30 1.70 0.00	39.25 1.44 0.00	38.56 1.38 0.00
RANKINE____ 23646	36.44 -1.96 0.00	36.12 -1.66 0.00	34.56 -1.67 0.00	33.99 -1.79 0.00	33.98 -1.94 0.00	36.29 -1.39 0.00	42.30 -2.51 0.00	44.46 -2.79 0.00	45.11 -2.73 0.00	44.60 -3.20 0.00	45.08 -2.93 0.00	43.18 -3.00 0.00	40.79 -3.07 0.00	40.31 -2.85 0.00	39.94 -2.15 0.00	40.32 -2.53 0.00	42.22 -2.74 0.00	48.04 -3.39 0.00	52.65 -2.65 0.00	46.93 -2.37 0.00	42.36 -2.18 0.00	38.21 -1.39 0.00	36.38 -1.44 0.00	36.11 -1.08 0.00
RAVENSWOOD_GT2_1 24244	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.71 2.87 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.90 2.08 0.00	39.12 1.93 0.00

RAVENSWOOD_GT2_2 24245	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.71 2.87 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.90 2.08 0.00	39.12 1.93 0.00
RAVENSWOOD_GT2_3 24246	40.05 1.65 0.00	39.11 1.32 0.00	37.61 1.38 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.04 1.36 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.73 2.65 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.93 2.34 0.00	39.90 2.08 0.00	39.15 1.97 0.00
RAVENSWOOD_GT2_4 24247	40.05 1.65 0.00	39.11 1.32 0.00	37.61 1.38 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.04 1.36 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.73 2.65 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.93 2.34 0.00	39.90 2.08 0.00	39.15 1.97 0.00
RAVENSWOOD_GT3_1 24248	40.01 1.61 0.00	39.11 1.32 0.00	37.61 1.38 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.90 2.08 0.00	39.12 1.93 0.00
RAVENSWOOD_GT3_2 24249	40.01 1.61 0.00	39.11 1.32 0.00	37.61 1.38 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.90 2.08 0.00	39.12 1.93 0.00
RAVENSWOOD_GT3_3 24250	40.09 1.69 0.00	39.15 1.36 0.00	37.64 1.41 0.00	37.18 1.40 0.00	37.39 1.47 0.00	39.04 1.36 0.00	47.01 2.20 0.00	49.90 2.65 0.00	50.65 2.82 0.00	50.76 2.96 0.00	50.80 2.78 0.00	49.05 2.86 0.00	46.67 2.81 0.00	45.97 2.81 0.00	44.78 2.69 0.00	45.80 2.96 0.00	48.06 3.10 0.00	55.03 3.60 0.00	59.06 3.76 0.00	52.64 3.35 0.00	47.53 2.98 0.00	41.97 2.38 0.00	39.93 2.12 0.00	39.15 1.97 0.00
RAVENSWOOD_GT3_4 24251	40.09 1.69 0.00	39.15 1.36 0.00	37.64 1.41 0.00	37.18 1.40 0.00	37.39 1.47 0.00	39.04 1.36 0.00	47.01 2.20 0.00	49.90 2.65 0.00	50.65 2.82 0.00	50.76 2.96 0.00	50.80 2.78 0.00	49.05 2.86 0.00	46.67 2.81 0.00	45.97 2.81 0.00	44.78 2.69 0.00	45.80 2.96 0.00	48.06 3.10 0.00	55.03 3.60 0.00	59.06 3.76 0.00	52.64 3.35 0.00	47.53 2.98 0.00	41.97 2.38 0.00	39.93 2.12 0.00	39.15 1.97 0.00
RAVENSWOOD_GT_1 23729	42.56 1.84 -2.32	41.49 1.47 -2.23	40.24 1.56 -2.45	39.84 1.54 -2.52	40.06 1.65 -2.49	41.44 1.51 -2.25	48.41 2.29 -1.31	51.30 2.79 -1.26	51.95 2.97 -1.16	52.16 3.11 -1.26	52.08 2.93 -1.14	50.58 3.00 -1.40	48.62 2.98 -1.78	48.03 2.98 -1.89	47.00 2.86 -2.05	47.95 3.13 -1.98	50.03 3.28 -1.79	56.13 3.81 -0.89	60.03 3.93 -0.80	54.04 3.50 -1.25	49.54 3.12 -1.87	44.63 2.49 -2.54	43.30 2.31 -3.18	41.68 2.16 -2.34
RAVENSWOOD_GT_10 24258	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.35 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.71 2.87 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.55 3.25 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.83 2.08 0.07	39.12 1.93 0.00
RAVENSWOOD_GT_11 24259	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.35 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.71 2.87 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.55 3.25 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.83 2.08 0.07	39.12 1.93 0.00
RAVENSWOOD_GT_4 24252	41.74 1.57 -1.76	40.77 1.28 -1.70	39.40 1.30 -1.86	38.97 1.29 -1.91	39.20 1.40 -1.88	40.68 1.28 -1.71	47.92 2.11 -1.00	50.76 2.55 -0.96	51.44 2.73 -0.88	51.58 2.82 -0.96	51.57 2.69 -0.87	50.02 2.77 -1.06	47.93 2.72 -1.35	47.32 2.72 -1.44	46.21 2.57 -1.56	47.18 2.83 -1.51	49.34 3.01 -1.36	55.61 3.50 -0.68	59.56 3.65 -0.61	53.50 3.25 -0.95	48.87 2.90 -1.43	43.78 2.26 -1.93	41.29 2.04 -1.43	40.85 1.90 -1.77
RAVENSWOOD_GT_5 24254	41.74 1.57 -1.76	40.77 1.28 -1.70	39.40 1.30 -1.86	38.97 1.29 -1.91	39.20 1.40 -1.88	40.68 1.28 -1.71	47.92 2.11 -1.00	50.76 2.55 -0.96	51.44 2.73 -0.88	51.58 2.82 -0.96	51.57 2.69 -0.87	50.02 2.77 -1.06	47.93 2.72 -1.35	47.32 2.72 -1.44	46.21 2.57 -1.56	47.18 2.83 -1.51	49.34 3.01 -1.36	55.61 3.50 -0.68	59.56 3.65 -0.61	53.50 3.25 -0.95	48.87 2.90 -1.43	43.78 2.26 -1.93	41.29 2.04 -1.43	40.85 1.90 -1.77
RAVENSWOOD_GT_6 24253	41.74 1.57 -1.76	40.77 1.28 -1.70	39.40 1.30 -1.86	38.97 1.29 -1.91	39.20 1.40 -1.88	40.68 1.28 -1.71	47.92 2.11 -1.00	50.76 2.55 -0.96	51.44 2.73 -0.88	51.58 2.82 -0.96	51.57 2.69 -0.87	50.02 2.77 -1.06	47.93 2.72 -1.35	47.32 2.72 -1.44	46.21 2.57 -1.56	47.18 2.83 -1.51	49.34 3.01 -1.36	55.61 3.50 -0.68	59.56 3.65 -0.61	53.50 3.25 -0.95	48.87 2.90 -1.43	43.78 2.26 -1.93	41.29 2.04 -1.43	40.85 1.90 -1.77
RAVENSWOOD_GT_7 24255	41.74 1.57 -1.76	40.77 1.28 -1.70	39.40 1.30 -1.86	38.97 1.29 -1.91	39.20 1.40 -1.88	40.68 1.28 -1.71	47.92 2.11 -1.00	50.76 2.55 -0.96	51.44 2.73 -0.88	51.58 2.82 -0.96	51.57 2.69 -0.87	50.02 2.77 -1.06	47.93 2.72 -1.35	47.32 2.72 -1.44	46.21 2.57 -1.56	47.18 2.83 -1.51	49.34 3.01 -1.36	55.61 3.50 -0.68	59.56 3.65 -0.61	53.50 3.25 -0.95	48.87 2.90 -1.43	43.78 2.26 -1.93	41.29 2.04 -1.43	40.85 1.90 -1.77
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.35 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.71 2.87 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.55 3.25 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.83 2.08 0.07	39.12 1.93 0.00

RAVENSWOOD_GT_9 24257	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.35 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.80 2.55 0.00	50.56 2.73 0.00	50.67 2.87 0.00	50.75 2.74 0.00	48.95 2.77 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.71 2.87 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.55 3.25 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.83 2.08 0.07	39.12 1.93 0.00
RAVENSWOOD___1 23533	40.21 1.81 0.00	39.26 1.47 0.00	37.76 1.52 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.05 2.24 0.00	49.99 2.74 0.00	50.80 2.97 0.00	50.86 3.06 0.00	50.94 2.93 0.00	49.18 3.00 0.00	46.85 2.98 0.00	46.05 2.89 0.00	44.90 2.82 0.00	45.97 3.13 0.00	48.24 3.28 0.00	55.18 3.75 0.00	59.23 3.93 0.00	52.74 3.45 0.00	47.66 3.12 0.00	42.05 2.46 0.00	40.73 2.27 -0.65	39.35 2.16 -0.01
RAVENSWOOD___2 23534	40.21 1.81 0.00	39.26 1.47 0.00	37.76 1.52 0.00	37.33 1.54 -0.01	37.54 1.62 -0.01	39.16 1.47 0.00	47.05 2.24 0.00	49.99 2.74 0.00	50.75 2.92 0.00	50.86 3.06 0.00	50.94 2.93 0.00	49.18 3.00 0.00	46.80 2.94 0.00	46.05 2.89 0.00	44.90 2.82 0.00	45.97 3.13 0.00	48.24 3.28 0.00	55.18 3.75 0.00	59.23 3.93 0.00	52.74 3.45 0.00	47.66 3.12 0.00	42.05 2.46 0.00	40.73 2.27 -0.64	39.35 2.16 -0.01
RAVENSWOOD___3 23535	40.01 1.61 0.00	39.11 1.32 0.00	37.57 1.34 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.63 2.76 0.00	45.84 2.68 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.90 2.08 0.00	39.12 1.93 0.00
RAVENSWOOD___4 23820	37.93 1.81 2.28	37.06 1.47 2.20	35.35 1.52 2.41	34.85 1.54 2.46	35.10 1.62 2.43	36.94 1.47 2.21	45.76 2.24 1.29	48.75 2.74 1.24	49.61 2.92 1.14	49.63 3.06 1.24	49.82 2.93 1.12	47.76 2.96 1.38	45.05 2.94 1.75	44.15 2.85 1.86	42.88 2.82 2.02	43.98 3.09 1.95	46.48 3.28 1.76	54.30 3.75 0.88	58.38 3.87 0.79	51.51 3.45 1.23	45.82 3.12 1.84	39.55 2.46 2.50	38.24 2.27 1.85	37.02 2.12 2.28
RCPL_TRUST___DRP 24196	40.01 1.61 0.00	39.07 1.28 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.32 1.40 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.86 2.04 0.00	39.08 1.90 0.00
RED___ROCHESTER 323720	36.83 -1.58 0.00	36.39 -1.40 0.00	34.82 -1.41 0.00	34.28 -1.50 0.00	34.37 -1.54 0.00	36.56 -1.13 0.00	42.98 -1.84 0.00	45.31 -1.94 0.00	45.87 -1.96 0.00	45.70 -2.10 0.00	46.14 -1.87 0.00	44.15 -2.03 0.00	41.84 -2.02 0.00	41.52 -1.64 0.00	40.61 -1.47 0.00	41.09 -1.76 0.00	43.12 -1.85 0.00	49.12 -2.31 0.00	53.53 -1.77 0.00	47.62 -1.68 0.00	43.08 -1.47 0.00	38.64 -0.95 0.00	36.87 -0.94 0.00	36.29 -0.89 0.00
REGAN___SOLAR 323812	41.09 2.69 0.00	40.39 2.61 0.00	38.73 2.50 0.00	38.28 2.50 0.00	38.58 2.66 0.00	40.29 2.60 0.00	48.44 3.63 0.00	51.03 3.78 0.00	51.42 3.59 0.00	51.05 3.25 0.00	51.23 3.22 0.00	49.32 3.14 0.00	46.80 2.94 0.00	46.14 2.98 0.00	44.95 2.86 0.00	45.80 2.95 0.00	48.42 3.46 0.00	55.65 4.22 0.00	59.95 4.65 0.00	53.48 4.19 0.00	48.33 3.78 0.00	42.84 3.25 0.00	40.69 2.87 0.00	39.86 2.68 0.00
RENSSELAER___COGEN 23796	39.71 1.31 0.00	39.03 1.25 0.00	37.43 1.19 0.00	36.96 1.18 0.00	37.17 1.26 0.00	38.89 1.21 0.00	46.56 1.75 0.00	49.09 1.84 0.00	49.75 1.92 0.00	49.71 1.91 0.00	49.88 1.87 0.00	47.98 1.80 0.00	45.62 1.76 0.00	44.89 1.73 0.00	43.77 1.69 0.00	44.64 1.80 0.00	46.89 1.93 0.00	53.69 2.26 0.00	57.68 2.38 0.00	51.36 2.07 0.00	46.42 1.87 0.00	41.22 1.62 0.00	39.25 1.44 0.00	38.56 1.38 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.89 4.49 0.00	42.21 4.42 0.00	40.47 4.24 0.00	39.97 4.19 0.00	40.41 4.49 0.00	42.32 4.64 0.00	51.13 6.32 0.00	53.87 6.62 0.00	55.06 7.22 0.00	54.83 7.03 0.00	55.02 7.01 0.00	52.74 6.56 0.00	49.96 6.10 0.00	49.25 6.09 0.00	47.76 5.68 0.00	48.80 5.96 0.00	51.44 6.47 0.00	58.99 7.56 0.00	63.43 8.13 0.00	56.44 7.15 0.00	51.09 6.55 0.00	45.06 5.46 0.00	42.73 4.92 0.00	41.87 4.69 0.00
REVERE_CPPR_DRP 24186	39.78 1.38 0.00	39.19 1.40 0.00	37.50 1.27 0.00	37.10 1.32 0.00	37.10 1.19 0.00	39.08 1.39 0.00	46.61 1.79 0.00	49.24 1.98 0.00	49.70 1.87 0.00	49.57 1.77 0.00	50.03 2.02 0.00	48.12 1.94 0.00	45.70 1.84 0.00	44.97 1.81 0.00	43.72 1.64 0.00	44.51 1.67 0.00	46.62 1.66 0.00	53.49 2.06 0.00	57.62 2.32 0.00	51.41 2.12 0.00	46.37 1.83 0.00	41.30 1.70 0.00	39.29 1.47 0.00	38.56 1.38 0.00
REYNOLDS_115KV_TB3 80639	39.78 1.38 0.00	39.07 1.28 0.00	37.46 1.23 0.00	37.00 1.22 0.00	37.21 1.29 0.00	38.93 1.24 0.00	46.70 1.88 0.00	49.19 1.94 0.00	49.89 2.06 0.00	49.86 2.06 0.00	49.98 1.97 0.00	48.12 1.94 0.00	45.75 1.89 0.00	45.06 1.90 0.00	43.89 1.81 0.00	44.77 1.93 0.00	46.98 2.02 0.00	53.80 2.37 0.00	57.73 2.43 0.00	51.41 2.12 0.00	46.46 1.92 0.00	41.26 1.66 0.00	39.29 1.47 0.00	38.63 1.45 0.00
RIVERBAY____ 323610	40.44 2.04 0.00	39.37 1.59 0.00	38.01 1.78 0.00	37.54 1.75 -0.01	37.79 1.87 -0.01	39.27 1.58 0.00	47.14 2.33 0.00	50.09 2.84 0.00	50.85 3.01 0.00	50.91 3.11 0.00	50.89 2.88 0.00	49.14 2.96 0.00	46.80 2.94 0.00	46.10 2.93 0.00	44.86 2.78 0.00	45.93 3.08 0.00	48.24 3.28 0.00	55.13 3.70 0.00	59.23 3.93 0.00	52.79 3.50 0.00	47.66 3.12 0.00	42.09 2.49 0.00	40.13 2.31 -0.01	39.42 2.23 -0.01
RIVERSDE_115KV_TB3 55908	39.82 1.42 0.00	39.11 1.32 0.00	37.54 1.30 0.00	37.07 1.29 0.00	37.28 1.36 0.00	38.97 1.28 0.00	46.74 1.93 0.00	49.24 1.98 0.00	49.94 2.10 0.00	49.90 2.10 0.00	50.08 2.06 0.00	48.17 1.99 0.00	45.79 1.93 0.00	45.15 1.99 0.00	43.98 1.89 0.00	44.81 1.97 0.00	47.07 2.11 0.00	53.90 2.47 0.00	57.84 2.54 0.00	51.51 2.22 0.00	46.55 2.00 0.00	41.30 1.70 0.00	39.33 1.51 0.00	38.67 1.49 0.00
ROARING___BROOK_WT_PWR 323790	37.59 -0.81 0.00	36.99 -0.80 0.00	35.51 -0.72 0.00	35.07 -0.72 0.00	35.20 -0.72 0.00	36.93 -0.75 0.00	43.87 -0.94 0.00	46.26 -0.99 0.00	46.78 -1.05 0.00	46.75 -1.05 0.00	46.96 -1.06 0.00	45.12 -1.06 0.00	42.85 -1.01 0.00	42.08 -1.08 0.00	40.78 -1.30 0.00	41.47 -1.37 0.00	43.70 -1.26 0.00	49.94 -1.49 0.00	53.64 -1.66 0.00	47.82 -1.48 0.00	43.25 -1.29 0.00	38.44 -1.15 0.00	36.72 -1.10 0.00	36.10 -1.08 0.00

ROCHESRG_115KV_T4 355643	36.52 -1.88 0.00	36.09 -1.70 0.00	34.53 -1.70 0.00	33.99 -1.79 0.00	34.09 -1.83 0.00	36.18 -1.51 0.00	42.53 -2.29 0.00	44.79 -2.46 0.00	45.39 -2.44 0.00	45.17 -2.63 0.00	45.61 -2.40 0.00	43.69 -2.49 0.00	41.36 -2.50 0.00	40.79 -2.37 0.00	40.15 -1.94 0.00	40.66 -2.19 0.00	42.67 -2.29 0.00	48.55 -2.88 0.00	52.87 -2.43 0.00	47.07 -2.22 0.00	42.54 -2.00 0.00	38.21 -1.39 0.00	36.49 -1.32 0.00	35.99 -1.19 0.00
ROCHESTER_9_IC 23652	36.67 -1.73 0.00	36.28 -1.51 0.00	34.71 -1.52 0.00	34.13 -1.65 0.00	34.23 -1.69 0.00	36.41 -1.28 0.00	42.80 -2.02 0.00	45.08 -2.17 0.00	45.63 -2.20 0.00	45.46 -2.34 0.00	45.90 -2.11 0.00	43.97 -2.22 0.00	41.62 -2.24 0.00	41.05 -2.11 0.00	40.40 -1.68 0.00	40.87 -1.97 0.00	42.89 -2.07 0.00	48.86 -2.57 0.00	53.25 -2.05 0.00	47.37 -1.92 0.00	42.81 -1.74 0.00	38.45 -1.15 0.00	36.68 -1.13 0.00	36.18 -1.00 0.00
ROCKVIEW_13_KV_LD 356306	40.05 1.65 0.00	39.15 1.36 0.00	37.61 1.38 0.00	37.14 1.36 0.00	37.36 1.44 0.00	39.04 1.36 0.00	47.01 2.20 0.00	49.90 2.65 0.00	50.65 2.82 0.00	50.72 2.92 0.00	50.80 2.78 0.00	49.05 2.86 0.00	46.67 2.81 0.00	45.97 2.81 0.00	44.78 2.69 0.00	45.80 2.96 0.00	48.11 3.15 0.00	55.08 3.65 0.00	59.17 3.87 0.00	52.69 3.40 0.00	47.58 3.03 0.00	41.97 2.38 0.00	39.90 2.08 0.00	39.12 1.93 0.00
ROME____115KV_TB2 80656	39.78 1.38 0.00	39.19 1.40 0.00	37.50 1.27 0.00	37.10 1.32 0.00	37.10 1.19 0.00	39.08 1.39 0.00	46.61 1.79 0.00	49.24 1.98 0.00	49.70 1.87 0.00	49.57 1.77 0.00	50.03 2.02 0.00	48.12 1.94 0.00	45.70 1.84 0.00	44.97 1.81 0.00	43.72 1.64 0.00	44.51 1.67 0.00	46.62 1.66 0.00	53.49 2.06 0.00	57.62 2.32 0.00	51.41 2.12 0.00	46.37 1.83 0.00	41.30 1.70 0.00	39.29 1.47 0.00	38.56 1.38 0.00
ROSETON___1 23587	39.63 1.23 0.00	38.81 1.02 0.00	37.24 1.01 0.00	36.78 1.00 0.00	37.03 1.11 0.00	38.71 1.02 0.00	46.52 1.70 0.00	49.19 1.94 0.00	49.89 2.06 0.00	49.90 2.10 0.00	50.03 2.02 0.00	48.26 2.08 0.00	45.88 2.02 0.00	45.10 1.94 0.00	44.02 1.94 0.00	44.98 2.14 0.00	47.21 2.25 0.00	54.10 2.67 0.00	58.06 2.76 0.00	51.76 2.46 0.00	46.73 2.18 0.00	41.33 1.74 0.00	39.33 1.51 0.00	38.60 1.41 0.00
ROSETON___2 23588	39.63 1.23 0.00	38.81 1.02 0.00	37.24 1.01 0.00	36.78 1.00 0.00	37.03 1.11 0.00	38.71 1.02 0.00	46.52 1.70 0.00	49.19 1.94 0.00	49.89 2.06 0.00	49.90 2.10 0.00	50.03 2.02 0.00	48.26 2.08 0.00	45.88 2.02 0.00	45.10 1.94 0.00	44.02 1.94 0.00	44.98 2.14 0.00	47.21 2.25 0.00	54.10 2.67 0.00	58.06 2.76 0.00	51.76 2.46 0.00	46.73 2.18 0.00	41.33 1.74 0.00	39.33 1.51 0.00	38.60 1.41 0.00
ROTRRDAM_115KV_TB3 80664	39.44 1.04 0.00	38.77 0.98 0.00	37.17 0.94 0.00	36.71 0.93 0.00	36.92 1.01 0.00	38.67 0.98 0.00	46.25 1.43 0.00	48.76 1.51 0.00	49.41 1.58 0.00	49.33 1.53 0.00	49.50 1.49 0.00	47.61 1.43 0.00	45.27 1.40 0.00	44.58 1.42 0.00	43.43 1.35 0.00	44.30 1.46 0.00	46.53 1.57 0.00	53.28 1.85 0.00	57.29 1.99 0.00	51.02 1.73 0.00	46.11 1.56 0.00	40.94 1.35 0.00	38.99 1.17 0.00	38.34 1.15 0.00
RUSSELL___1 23602	36.83 -1.57 0.00	36.39 -1.40 0.00	34.82 -1.41 0.00	34.28 -1.50 0.00	34.37 -1.54 0.00	36.56 -1.13 0.00	42.98 -1.84 0.00	45.31 -1.94 0.00	45.87 -1.96 0.00	45.70 -2.10 0.00	46.14 -1.87 0.00	44.15 -2.03 0.00	41.84 -2.02 0.00	41.26 -1.90 0.00	40.61 -1.47 0.00	41.09 -1.76 0.00	43.12 -1.84 0.00	49.12 -2.31 0.00	53.53 -1.77 0.00	47.62 -1.68 0.00	43.08 -1.47 0.00	38.64 -0.95 0.00	36.87 -0.95 0.00	36.33 -0.86 0.00
RUSSELL___2 23532	36.83 -1.57 0.00	36.39 -1.40 0.00	34.82 -1.41 0.00	34.28 -1.50 0.00	34.37 -1.54 0.00	36.56 -1.13 0.00	42.98 -1.84 0.00	45.31 -1.94 0.00	45.87 -1.96 0.00	45.70 -2.10 0.00	46.14 -1.87 0.00	44.15 -2.03 0.00	41.84 -2.02 0.00	41.26 -1.90 0.00	40.61 -1.47 0.00	41.09 -1.76 0.00	43.12 -1.84 0.00	49.12 -2.31 0.00	53.53 -1.77 0.00	47.62 -1.68 0.00	43.08 -1.47 0.00	38.64 -0.95 0.00	36.87 -0.95 0.00	36.33 -0.86 0.00
RUSSELL___3 23549	36.83 -1.57 0.00	36.39 -1.40 0.00	34.82 -1.41 0.00	34.28 -1.50 0.00	34.37 -1.54 0.00	36.56 -1.13 0.00	42.98 -1.84 0.00	45.31 -1.94 0.00	45.87 -1.96 0.00	45.70 -2.10 0.00	46.14 -1.87 0.00	44.15 -2.03 0.00	41.84 -2.02 0.00	41.26 -1.90 0.00	40.61 -1.47 0.00	41.09 -1.76 0.00	43.12 -1.84 0.00	49.12 -2.31 0.00	53.53 -1.77 0.00	47.62 -1.68 0.00	43.08 -1.47 0.00	38.64 -0.95 0.00	36.87 -0.95 0.00	36.33 -0.86 0.00
RUSSELL___4 23556	36.83 -1.57 0.00	36.39 -1.40 0.00	34.82 -1.41 0.00	34.28 -1.50 0.00	34.37 -1.54 0.00	36.56 -1.13 0.00	42.98 -1.84 0.00	45.31 -1.94 0.00	45.87 -1.96 0.00	45.70 -2.10 0.00	46.14 -1.87 0.00	44.15 -2.03 0.00	41.84 -2.02 0.00	41.26 -1.90 0.00	40.61 -1.47 0.00	41.09 -1.76 0.00	43.12 -1.84 0.00	49.12 -2.31 0.00	53.53 -1.77 0.00	47.62 -1.68 0.00	43.08 -1.47 0.00	38.64 -0.95 0.00	36.87 -0.95 0.00	36.33 -0.86 0.00
RUSSELL___STATION 23914	36.83 -1.57 0.00	36.39 -1.40 0.00	34.82 -1.41 0.00	34.28 -1.50 0.00	34.37 -1.54 0.00	36.56 -1.13 0.00	42.98 -1.84 0.00	45.31 -1.94 0.00	45.87 -1.96 0.00	45.70 -2.10 0.00	46.14 -1.87 0.00	44.15 -2.03 0.00	41.84 -2.02 0.00	41.26 -1.90 0.00	40.61 -1.47 0.00	41.09 -1.76 0.00	43.12 -1.84 0.00	49.12 -2.31 0.00	53.53 -1.77 0.00	47.62 -1.68 0.00	43.08 -1.47 0.00	38.64 -0.95 0.00	36.87 -0.95 0.00	36.33 -0.86 0.00
S SALMON___HYD 24043	38.36 -0.04 0.00	37.83 0.04 0.00	36.16 -0.07 0.00	35.78 0.00 0.00	35.85 -0.07 0.00	37.76 0.08 0.00	44.86 0.04 0.00	47.25 0.00 0.00	47.69 -0.14 0.00	47.66 -0.14 0.00	48.11 0.10 0.00	46.18 0.00 0.00	43.77 -0.09 0.00	43.07 -0.09 0.00	41.96 -0.13 0.00	42.59 -0.26 0.00	44.69 -0.27 0.00	51.22 -0.20 0.00	55.41 0.11 0.00	49.59 0.30 0.00	44.77 0.22 0.00	39.87 0.28 0.00	38.04 0.23 0.00	37.41 0.22 0.00
S.PERRY__115KV_TB1 80734	37.36 -1.04 0.00	36.99 -0.79 0.00	35.33 -0.91 0.00	34.81 -0.97 0.00	34.88 -1.04 0.00	37.16 -0.53 0.00	43.83 -0.99 0.00	45.88 -1.37 0.00	46.21 -1.63 0.00	45.89 -1.91 0.00	46.09 -1.92 0.00	44.06 -2.12 0.00	41.49 -2.37 0.00	40.92 -2.24 0.00	40.40 -1.68 0.00	41.04 -1.80 0.00	43.16 -1.80 0.00	49.58 -1.85 0.00	54.53 -0.77 0.00	48.85 -0.44 0.00	44.23 -0.31 0.00	39.59 0.00 0.00	37.67 -0.15 0.00	37.15 -0.04 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.94 -2.46 0.00	35.63 -2.15 0.00	34.09 -2.14 0.00	33.53 -2.25 0.00	33.51 -2.41 0.00	35.77 -1.92 0.00	41.68 -3.14 0.00	43.80 -3.45 0.00	44.44 -3.40 0.00	43.98 -3.82 0.00	44.46 -3.55 0.00	42.58 -3.60 0.00	40.22 -3.64 0.00	39.79 -3.37 0.00	39.39 -2.69 0.00	39.76 -3.08 0.00	41.63 -3.33 0.00	47.32 -4.11 0.00	51.82 -3.48 0.00	46.14 -3.15 0.00	41.74 -2.81 0.00	37.69 -1.90 0.00	35.93 -1.89 0.00	35.66 -1.52 0.00

SAWYER___23_KV_LOAD 55526	35.94 -2.46 0.00	35.63 -2.15 0.00	34.09 -2.14 0.00	33.53 -2.25 0.00	33.51 -2.41 0.00	35.77 -1.92 0.00	41.68 -3.14 0.00	43.80 -3.45 0.00	44.44 -3.40 0.00	43.98 -3.82 0.00	44.46 -3.55 0.00	42.58 -3.60 0.00	40.22 -3.64 0.00	39.79 -3.37 0.00	39.39 -2.69 0.00	39.76 -3.08 0.00	41.63 -3.33 0.00	47.32 -4.11 0.00	51.82 -3.48 0.00	46.14 -3.15 0.00	41.74 -2.81 0.00	37.69 -1.90 0.00	35.93 -1.89 0.00	35.66 -1.52 0.00
SELKIRK___I 23801	39.67 1.27 0.00	39.03 1.25 0.00	37.43 1.19 0.00	36.96 1.18 0.00	37.17 1.26 0.00	38.86 1.17 0.00	46.43 1.61 0.00	48.95 1.70 0.00	49.55 1.72 0.00	49.52 1.72 0.00	49.65 1.63 0.00	47.75 1.57 0.00	45.40 1.53 0.00	44.67 1.51 0.00	43.55 1.47 0.00	44.43 1.59 0.00	46.67 1.71 0.00	53.43 2.00 0.00	57.45 2.15 0.00	51.17 1.87 0.00	46.28 1.74 0.00	41.10 1.50 0.00	39.18 1.36 0.00	38.52 1.34 0.00
SELKIRK___II 23799	39.52 1.11 0.00	38.84 1.06 0.00	37.24 1.01 0.00	36.78 1.00 0.00	36.99 1.08 0.00	38.67 0.98 0.00	46.29 1.48 0.00	48.81 1.56 0.00	49.46 1.63 0.00	49.43 1.63 0.00	49.55 1.54 0.00	47.70 1.52 0.00	45.35 1.49 0.00	44.63 1.47 0.00	43.51 1.43 0.00	44.38 1.54 0.00	46.58 1.62 0.00	53.38 1.95 0.00	57.35 2.05 0.00	51.06 1.77 0.00	46.15 1.60 0.00	40.98 1.39 0.00	39.03 1.21 0.00	38.37 1.19 0.00
SENECA OSWGO___HYD 24041	37.98 -0.42 0.00	37.48 -0.30 0.00	35.87 -0.36 0.00	35.42 -0.36 0.00	35.56 -0.36 0.00	37.43 -0.26 0.00	44.45 -0.36 0.00	46.83 -0.43 0.00	47.45 -0.38 0.00	47.47 -0.33 0.00	47.82 -0.19 0.00	45.95 -0.23 0.00	43.47 -0.40 0.00	42.77 -0.39 0.00	41.79 -0.29 0.00	42.50 -0.34 0.00	44.56 -0.41 0.00	51.07 -0.36 0.00	55.13 -0.17 0.00	49.19 -0.10 0.00	44.41 -0.13 0.00	39.59 0.00 0.00	37.85 0.04 0.00	37.18 0.00 0.00
SENECA___115KV_TB3 355854	36.48 -1.92 0.00	36.16 -1.62 0.00	34.60 -1.63 0.00	34.06 -1.72 0.00	34.01 -1.90 0.00	36.33 -1.36 0.00	42.39 -2.42 0.00	44.51 -2.74 0.00	45.20 -2.63 0.00	44.69 -3.11 0.00	45.18 -2.83 0.00	43.23 -2.96 0.00	40.84 -3.03 0.00	40.40 -2.76 0.00	40.02 -2.06 0.00	40.36 -2.48 0.00	42.31 -2.65 0.00	48.14 -3.29 0.00	52.76 -2.54 0.00	47.03 -2.27 0.00	42.41 -2.14 0.00	38.29 -1.31 0.00	36.42 -1.40 0.00	36.18 -1.00 0.00
SENECA___ENERGY 23797	37.40 -1.00 0.00	36.92 -0.87 0.00	35.33 -0.90 0.00	34.89 -0.89 0.00	35.02 -0.90 0.00	37.01 -0.68 0.00	43.87 -0.94 0.00	46.21 -1.04 0.00	46.78 -1.05 0.00	46.70 -1.10 0.00	46.96 -1.06 0.00	45.03 -1.15 0.00	42.68 -1.18 0.00	42.08 -1.08 0.00	41.16 -0.93 0.00	41.81 -1.03 0.00	43.93 -1.03 0.00	50.25 -1.18 0.00	54.53 -0.77 0.00	48.55 -0.74 0.00	43.88 -0.67 0.00	39.12 -0.47 0.00	37.40 -0.42 0.00	36.78 -0.41 0.00
SHOEMAKER___GT 23640	39.48 1.07 0.00	38.69 0.91 0.00	37.10 0.87 0.00	36.64 0.86 0.00	36.85 0.93 0.00	38.56 0.87 0.00	46.29 1.48 0.00	48.90 1.65 0.00	49.51 1.67 0.00	49.47 1.67 0.00	49.65 1.63 0.00	47.84 1.66 0.00	45.44 1.58 0.00	44.71 1.55 0.00	43.64 1.56 0.00	44.60 1.76 0.00	46.81 1.84 0.00	53.69 2.26 0.00	57.62 2.32 0.00	51.41 2.12 0.00	46.42 1.87 0.00	41.06 1.47 0.00	39.06 1.25 0.00	38.37 1.19 0.00
SHOEMAKR_138KV_BK 111 55601	39.44 1.04 0.00	38.69 0.91 0.00	37.10 0.87 0.00	36.64 0.86 0.00	36.85 0.93 0.00	38.52 0.83 0.00	46.29 1.48 0.00	48.86 1.61 0.00	49.51 1.67 0.00	49.47 1.67 0.00	49.65 1.63 0.00	47.84 1.66 0.00	45.48 1.62 0.00	44.80 1.64 0.00	43.64 1.56 0.00	44.60 1.76 0.00	46.80 1.84 0.00	53.69 2.26 0.00	57.62 2.32 0.00	51.41 2.12 0.00	46.42 1.87 0.00	41.06 1.46 0.00	39.06 1.25 0.00	38.34 1.15 0.00
SHOREHAM_IC_1 23715	41.24 2.84 0.00	40.28 2.49 0.00	38.52 2.28 0.00	37.96 2.18 0.00	38.25 2.33 0.00	40.17 2.49 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	61.99 4.35 -9.81	53.39 3.59 -2.00	50.65 2.64 0.00	49.09 2.91 0.00	49.87 2.85 -3.16	49.80 2.76 -3.87	50.95 2.78 -6.09	51.21 3.09 -5.28	51.36 3.33 -3.07	59.62 4.68 -3.51	66.61 5.08 -6.23	52.94 3.65 0.00	48.06 3.52 0.00	42.05 2.46 0.00	39.71 1.89 0.00	40.34 3.16 0.00
SHOREHAM_IC_2 23716	41.24 2.84 0.00	40.28 2.49 0.00	38.52 2.28 0.00	37.96 2.18 0.00	38.25 2.33 0.00	40.17 2.49 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	61.99 4.35 -9.81	53.39 3.59 -2.00	50.65 2.64 0.00	49.09 2.91 0.00	49.87 2.85 -3.16	49.80 2.76 -3.87	50.95 2.78 -6.09	51.21 3.09 -5.28	51.36 3.33 -3.07	59.62 4.68 -3.51	66.61 5.08 -6.23	52.94 3.65 0.00	48.06 3.52 0.00	42.05 2.46 0.00	39.71 1.89 0.00	40.34 3.16 0.00
SISSONVILLE____ 23735	42.55 4.15 0.00	41.91 4.12 0.00	40.04 3.80 0.00	39.68 3.90 0.00	39.08 3.16 0.00	40.67 2.98 0.00	47.95 3.14 0.00	50.42 3.17 0.00	50.32 2.49 0.00	50.81 3.01 0.00	52.29 4.27 0.00	50.71 4.53 0.00	47.98 4.12 0.00	46.96 3.80 0.00	45.03 2.95 0.00	44.56 1.71 0.00	46.26 1.30 0.00	52.46 1.03 0.00	56.85 1.55 0.00	51.12 1.82 0.00	46.06 1.51 0.00	41.42 1.82 0.00	39.56 1.74 0.00	39.71 2.53 0.00
SITHE_IND_GS1 24169	36.98 -1.42 0.00	36.43 -1.36 0.00	34.93 -1.30 0.00	34.49 -1.29 0.00	34.59 -1.33 0.00	36.37 -1.32 0.00	42.98 -1.84 0.00	45.22 -2.03 0.00	45.83 -2.01 0.00	45.79 -2.01 0.00	46.04 -1.97 0.00	44.24 -1.94 0.00	42.02 -1.84 0.00	41.39 -1.77 0.00	40.40 -1.68 0.00	41.09 -1.76 0.00	43.12 -1.85 0.00	49.32 -2.11 0.00	53.14 -2.16 0.00	47.37 -1.92 0.00	42.81 -1.74 0.00	38.17 -1.42 0.00	36.72 -1.10 0.00	36.10 -1.08 0.00
SITHE_IND_GS2 24170	36.98 -1.42 0.00	36.43 -1.36 0.00	34.93 -1.30 0.00	34.49 -1.29 0.00	34.59 -1.33 0.00	36.37 -1.32 0.00	42.98 -1.84 0.00	45.22 -2.03 0.00	45.83 -2.01 0.00	45.79 -2.01 0.00	46.04 -1.97 0.00	44.24 -1.94 0.00	42.02 -1.84 0.00	41.39 -1.77 0.00	40.40 -1.68 0.00	41.09 -1.76 0.00	43.12 -1.85 0.00	49.32 -2.11 0.00	53.14 -2.16 0.00	47.37 -1.92 0.00	42.81 -1.74 0.00	38.17 -1.42 0.00	36.72 -1.10 0.00	36.10 -1.08 0.00
SITHE_IND_GS3 24171	36.98 -1.42 0.00	36.43 -1.36 0.00	34.93 -1.30 0.00	34.49 -1.29 0.00	34.59 -1.33 0.00	36.37 -1.32 0.00	42.98 -1.84 0.00	45.22 -2.03 0.00	45.83 -2.01 0.00	45.79 -2.01 0.00	46.04 -1.97 0.00	44.24 -1.94 0.00	42.02 -1.84 0.00	41.39 -1.77 0.00	40.40 -1.68 0.00	41.09 -1.76 0.00	43.12 -1.85 0.00	49.32 -2.11 0.00	53.14 -2.16 0.00	47.37 -1.92 0.00	42.81 -1.74 0.00	38.17 -1.42 0.00	36.72 -1.10 0.00	36.10 -1.08 0.00
SITHE_IND_GS4 24172	36.98 -1.42 0.00	36.43 -1.36 0.00	34.93 -1.30 0.00	34.49 -1.29 0.00	34.59 -1.33 0.00	36.37 -1.32 0.00	42.98 -1.84 0.00	45.22 -2.03 0.00	45.83 -2.01 0.00	45.79 -2.01 0.00	46.04 -1.97 0.00	44.24 -1.94 0.00	42.02 -1.84 0.00	41.39 -1.77 0.00	40.40 -1.68 0.00	41.09 -1.76 0.00	43.12 -1.85 0.00	49.32 -2.11 0.00	53.14 -2.16 0.00	47.37 -1.92 0.00	42.81 -1.74 0.00	38.17 -1.42 0.00	36.72 -1.10 0.00	36.10 -1.08 0.00

SITHE___BATAVIA 24024	36.83 -1.58 0.00	36.46 -1.32 0.00	34.85 -1.38 0.00	34.28 -1.50 0.00	34.34 -1.58 0.00	36.75 -0.94 0.00	43.07 -1.75 0.00	45.36 -1.89 0.00	45.78 -2.06 0.00	45.41 -2.39 0.00	45.95 -2.06 0.00	43.83 -2.35 0.00	41.49 -2.37 0.00	41.31 -1.85 0.00	40.44 -1.64 0.00	40.83 -2.01 0.00	42.85 -2.11 0.00	48.81 -2.62 0.00	53.59 -1.71 0.00	47.76 -1.53 0.00	43.16 -1.38 0.00	38.88 -0.71 0.00	36.95 -0.87 0.00	36.48 -0.71 0.00
SITHE___INDEPEND 23800	36.98 -1.42 0.00	36.43 -1.36 0.00	34.93 -1.30 0.00	34.49 -1.29 0.00	34.59 -1.33 0.00	36.37 -1.32 0.00	42.98 -1.84 0.00	45.22 -2.03 0.00	45.82 -2.01 0.00	45.79 -2.01 0.00	46.04 -1.97 0.00	44.24 -1.94 0.00	42.02 -1.84 0.00	41.35 -1.81 0.00	40.40 -1.68 0.00	41.09 -1.76 0.00	43.12 -1.84 0.00	49.32 -2.11 0.00	53.14 -2.16 0.00	47.37 -1.92 0.00	42.81 -1.74 0.00	38.17 -1.43 0.00	36.72 -1.10 0.00	36.11 -1.08 0.00
SITHE___MASSENA 23902	38.82 0.42 0.00	38.24 0.46 0.00	36.67 0.44 0.00	36.18 0.39 0.00	36.24 0.32 0.00	38.14 0.45 0.00	45.17 0.36 0.00	47.63 0.38 0.00	48.02 0.19 0.00	48.04 0.24 0.00	48.30 0.29 0.00	46.41 0.23 0.00	44.04 0.18 0.00	43.25 0.09 0.00	42.17 0.08 0.00	42.80 -0.04 0.00	44.83 -0.13 0.00	51.17 -0.26 0.00	54.97 -0.33 0.00	49.05 -0.25 0.00	44.37 -0.18 0.00	39.36 -0.24 0.00	37.51 -0.30 0.00	36.93 -0.26 0.00
SITHE___OGDNSBRG 24021	43.74 5.34 0.00	43.15 5.37 0.00	41.20 4.96 0.00	40.86 5.08 0.00	40.19 4.27 0.00	41.98 4.30 0.00	49.65 4.84 0.00	52.07 4.82 0.00	51.71 3.87 0.00	52.05 4.25 0.00	53.53 5.52 0.00	51.77 5.59 0.00	48.86 5.00 0.00	47.74 4.58 0.00	45.83 3.75 0.00	45.37 2.53 0.00	47.25 2.29 0.00	53.85 2.42 0.00	58.73 3.43 0.00	52.99 3.70 0.00	47.71 3.16 0.00	42.88 3.29 0.00	40.80 2.99 0.00	40.83 3.64 0.00
SITHE___STERLING 23777	39.29 0.88 0.00	38.69 0.91 0.00	37.07 0.83 0.00	36.64 0.86 0.00	36.71 0.79 0.00	38.63 0.94 0.00	46.07 1.25 0.00	48.57 1.32 0.00	49.07 1.24 0.00	49.00 1.20 0.00	49.36 1.34 0.00	47.47 1.29 0.00	45.05 1.18 0.00	44.37 1.21 0.00	43.17 1.09 0.00	44.00 1.16 0.00	46.13 1.17 0.00	52.87 1.44 0.00	56.96 1.66 0.00	50.82 1.53 0.00	45.84 1.29 0.00	40.82 1.23 0.00	38.87 1.06 0.00	38.19 1.00 0.00
SLEIGHT__34_KV_TB1 80719	36.90 -1.50 0.00	36.46 -1.32 0.00	34.85 -1.38 0.00	34.39 -1.40 0.00	34.52 -1.40 0.00	36.56 -1.13 0.00	43.25 -1.57 0.00	45.55 -1.70 0.00	46.16 -1.67 0.00	46.08 -1.72 0.00	46.43 -1.58 0.00	44.57 -1.62 0.00	42.19 -1.67 0.00	41.56 -1.60 0.00	40.82 -1.26 0.00	41.39 -1.46 0.00	43.43 -1.53 0.00	49.53 -1.90 0.00	53.75 -1.55 0.00	47.81 -1.48 0.00	43.21 -1.34 0.00	38.64 -0.95 0.00	36.87 -0.95 0.00	36.29 -0.89 0.00
SOUTH CAIRO___GT 23612	40.97 2.57 0.00	40.32 2.53 0.00	38.59 2.36 0.00	38.00 2.22 0.00	38.32 2.41 0.00	39.99 2.30 0.00	48.13 3.32 0.00	50.51 3.26 0.00	50.89 3.06 0.00	50.52 2.72 0.00	50.61 2.59 0.00	48.54 2.36 0.00	46.05 2.19 0.00	45.40 2.24 0.00	44.27 2.19 0.00	45.24 2.40 0.00	47.57 2.61 0.00	54.82 3.39 0.00	58.95 3.65 0.00	52.60 3.30 0.00	47.53 2.98 0.00	42.09 2.49 0.00	40.01 2.19 0.00	39.42 2.23 0.00
SOUTH HAMPTN___IC 23720	41.40 3.00 0.00	40.43 2.64 0.00	38.66 2.43 0.00	38.11 2.32 0.00	38.39 2.48 0.00	40.33 2.64 0.00	57.68 3.99 -8.87	62.26 4.49 -10.52	62.38 4.74 -9.81	53.91 4.11 -2.00	51.13 3.12 0.00	49.55 3.37 0.00	50.36 3.33 -3.16	50.23 3.19 -3.87	51.41 3.24 -6.09	51.63 3.51 -5.28	51.72 3.69 -3.07	59.98 5.04 -3.51	66.95 5.42 -6.23	53.34 4.04 0.00	48.29 3.74 0.00	42.25 2.65 0.00	39.90 2.08 0.00	40.46 3.27 0.00
SOUTHDOW_115KV_TB1 355954	37.33 -1.08 0.00	36.99 -0.79 0.00	35.40 -0.83 0.00	34.89 -0.89 0.00	34.84 -1.08 0.00	37.35 -0.34 0.00	43.69 -1.12 0.00	45.93 -1.32 0.00	46.54 -1.29 0.00	45.17 -2.63 0.00	45.61 -2.40 0.00	43.64 -2.54 0.00	41.19 -2.68 0.00	40.79 -2.37 0.00	40.40 -1.68 0.00	40.92 -1.93 0.00	42.94 -2.02 0.00	49.22 -2.21 0.00	54.19 -1.11 0.00	48.26 -1.04 0.00	43.48 -1.07 0.00	39.00 -0.59 0.00	36.95 -0.87 0.00	36.66 -0.52 0.00
SOUTHOLD_69_KV_BK 2 55809	41.28 2.88 0.00	40.32 2.53 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.29 2.37 0.00	40.21 2.53 0.00	57.59 3.90 -8.87	62.21 4.44 -10.52	62.33 4.69 -9.81	53.86 4.06 -2.00	50.94 2.93 0.00	49.32 3.14 0.00	50.14 3.11 -3.16	50.10 3.06 -3.87	51.24 3.07 -6.09	51.46 3.34 -5.28	51.45 3.42 -3.07	59.62 4.68 -3.51	66.67 5.14 -6.23	53.09 3.80 0.00	47.98 3.43 0.00	41.97 2.38 0.00	39.63 1.82 0.00	40.27 3.09 0.00
SOUTHOLD___IC 23719	41.28 2.88 0.00	40.32 2.53 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.29 2.37 0.00	40.21 2.53 0.00	57.59 3.90 -8.87	62.16 4.40 -10.52	62.33 4.69 -9.81	53.86 4.06 -2.00	50.94 2.93 0.00	49.32 3.14 0.00	50.14 3.11 -3.16	50.01 2.98 -3.87	51.24 3.07 -6.09	51.46 3.34 -5.28	51.45 3.42 -3.07	59.67 4.73 -3.51	66.67 5.14 -6.23	53.09 3.80 0.00	47.98 3.43 0.00	41.97 2.38 0.00	39.63 1.82 0.00	40.31 3.12 0.00
SOUTH_FORK_WT_PWR 323839	40.90 2.49 0.00	39.94 2.15 0.00	38.19 1.96 0.00	37.64 1.86 0.00	37.93 2.01 0.00	39.87 2.19 0.00	57.19 3.50 -8.87	61.74 3.97 -10.52	61.89 4.26 -9.81	53.43 3.63 -2.00	50.37 2.35 0.00	48.77 2.58 0.00	49.57 2.54 -3.16	49.49 2.46 -3.87	50.69 2.52 -6.09	50.95 2.83 -5.28	50.82 2.79 -3.07	58.95 4.01 -3.51	65.95 4.43 -6.23	52.35 3.06 0.00	47.31 2.76 0.00	41.38 1.78 0.00	39.06 1.25 0.00	39.94 2.75 0.00
SPIERFLS_115KV_TB 1 80737	41.55 3.15 0.00	40.81 3.02 0.00	39.17 2.93 0.00	38.68 2.90 0.00	39.01 3.09 0.00	40.85 3.17 0.00	49.21 4.39 0.00	51.88 4.63 0.00	52.76 4.93 0.00	52.58 4.78 0.00	52.67 4.66 0.00	50.52 4.34 0.00	47.98 4.12 0.00	47.26 4.10 0.00	45.91 3.83 0.00	46.87 4.03 0.00	49.37 4.41 0.00	56.57 5.14 0.00	60.72 5.42 0.00	54.07 4.78 0.00	48.87 4.32 0.00	43.32 3.72 0.00	41.11 3.29 0.00	40.34 3.16 0.00
ST LAWRENCE____ 23600	38.48 0.08 0.00	37.86 0.08 0.00	36.30 0.07 0.00	35.82 0.04 0.00	35.92 0.00 0.00	37.76 0.08 0.00	44.73 -0.09 0.00	47.16 -0.09 0.00	47.59 -0.24 0.00	47.61 -0.19 0.00	47.82 -0.19 0.00	45.95 -0.23 0.00	43.64 -0.22 0.00	42.86 -0.30 0.00	41.74 -0.34 0.00	42.42 -0.43 0.00	44.42 -0.54 0.00	50.71 -0.72 0.00	54.41 -0.89 0.00	48.55 -0.74 0.00	43.92 -0.62 0.00	39.00 -0.59 0.00	37.17 -0.64 0.00	36.59 -0.60 0.00
STATE_CA_115KV_115_LB 55624	40.17 1.77 0.00	39.49 1.70 0.00	37.86 1.63 0.00	37.39 1.61 0.00	37.61 1.69 0.00	39.35 1.66 0.00	47.19 2.38 0.00	49.76 2.50 0.00	50.46 2.63 0.00	50.43 2.63 0.00	50.65 2.64 0.00	48.72 2.54 0.00	46.32 2.46 0.00	45.66 2.50 0.00	44.48 2.40 0.00	45.33 2.48 0.00	47.61 2.65 0.00	54.46 3.03 0.00	58.45 3.15 0.00	52.00 2.71 0.00	47.04 2.49 0.00	41.69 2.10 0.00	39.71 1.89 0.00	39.01 1.82 0.00

STATE_ST_34_KV_LOAD 55959	37.79 -0.61 0.00	37.26 -0.53 0.00	35.65 -0.58 0.00	35.21 -0.57 0.00	35.34 -0.57 0.00	37.27 -0.41 0.00	44.28 -0.54 0.00	46.64 -0.61 0.00	47.26 -0.57 0.00	47.23 -0.57 0.00	47.48 -0.53 0.00	45.58 -0.60 0.00	43.25 -0.61 0.00	42.51 -0.65 0.00	41.66 -0.42 0.00	42.33 -0.51 0.00	44.47 -0.49 0.00	50.86 -0.57 0.00	54.97 -0.33 0.00	49.00 -0.30 0.00	44.28 -0.27 0.00	39.44 -0.16 0.00	37.70 -0.11 0.00	37.07 -0.11 0.00
STATION 5_MISC_HYD 23604	36.67 -1.73 0.00	36.27 -1.51 0.00	34.71 -1.52 0.00	34.14 -1.65 0.00	34.23 -1.69 0.00	36.41 -1.28 0.00	42.80 -2.02 0.00	45.08 -2.17 0.00	45.63 -2.20 0.00	45.46 -2.34 0.00	45.90 -2.11 0.00	43.97 -2.22 0.00	41.63 -2.24 0.00	41.31 -1.85 0.00	40.40 -1.68 0.00	40.87 -1.97 0.00	42.89 -2.07 0.00	48.86 -2.57 0.00	53.26 -2.04 0.00	47.37 -1.92 0.00	42.81 -1.74 0.00	38.44 -1.15 0.00	36.68 -1.13 0.00	36.14 -1.04 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.40 -1.00 0.00	36.96 -0.83 0.00	35.36 -0.87 0.00	34.85 -0.93 0.00	34.98 -0.93 0.00	37.12 -0.57 0.00	43.92 -0.90 0.00	46.31 -0.95 0.00	46.83 -1.00 0.00	46.70 -1.10 0.00	47.05 -0.96 0.00	45.07 -1.11 0.00	42.72 -1.14 0.00	42.08 -1.08 0.00	41.33 -0.76 0.00	41.90 -0.94 0.00	44.02 -0.94 0.00	50.30 -1.13 0.00	54.69 -0.61 0.00	48.65 -0.64 0.00	43.92 -0.62 0.00	39.28 -0.32 0.00	37.44 -0.38 0.00	36.81 -0.37 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.52 -1.88 0.00	36.09 -1.70 0.00	34.53 -1.70 0.00	33.99 -1.79 0.00	34.12 -1.80 0.00	36.22 -1.47 0.00	42.62 -2.20 0.00	44.94 -2.32 0.00	45.49 -2.34 0.00	45.31 -2.49 0.00	45.76 -2.26 0.00	43.83 -2.36 0.00	41.54 -2.32 0.00	40.96 -2.20 0.00	40.27 -1.81 0.00	40.79 -2.06 0.00	42.80 -2.16 0.00	48.76 -2.67 0.00	53.09 -2.21 0.00	47.22 -2.07 0.00	42.68 -1.87 0.00	38.29 -1.31 0.00	36.53 -1.29 0.00	35.99 -1.19 0.00
STA_56___34_KV_BUS2 355983	36.52 -1.88 0.00	36.09 -1.70 0.00	34.53 -1.70 0.00	33.99 -1.79 0.00	34.12 -1.80 0.00	36.22 -1.47 0.00	42.62 -2.20 0.00	44.94 -2.32 0.00	45.49 -2.34 0.00	45.31 -2.49 0.00	45.76 -2.26 0.00	43.83 -2.36 0.00	41.54 -2.32 0.00	40.96 -2.20 0.00	40.27 -1.81 0.00	40.79 -2.06 0.00	42.80 -2.16 0.00	48.76 -2.67 0.00	53.09 -2.21 0.00	47.22 -2.07 0.00	42.68 -1.87 0.00	38.29 -1.31 0.00	36.53 -1.29 0.00	35.99 -1.19 0.00
STA_67___115KV_BK2 355882	36.60 -1.80 0.00	36.20 -1.59 0.00	34.64 -1.59 0.00	34.06 -1.72 0.00	34.16 -1.76 0.00	36.29 -1.39 0.00	42.71 -2.11 0.00	44.94 -2.32 0.00	45.54 -2.30 0.00	45.36 -2.44 0.00	45.76 -2.26 0.00	43.83 -2.36 0.00	41.54 -2.32 0.00	40.96 -2.20 0.00	40.27 -1.81 0.00	40.79 -2.06 0.00	42.80 -2.16 0.00	48.76 -2.67 0.00	53.09 -2.21 0.00	47.22 -2.07 0.00	42.72 -1.83 0.00	38.37 -1.23 0.00	36.61 -1.21 0.00	36.11 -1.08 0.00
STA_7___115KV_9TRANS 80674	36.83 -1.57 0.00	36.39 -1.40 0.00	34.82 -1.41 0.00	34.28 -1.50 0.00	34.37 -1.54 0.00	36.56 -1.13 0.00	42.98 -1.84 0.00	45.31 -1.94 0.00	45.87 -1.96 0.00	45.70 -2.10 0.00	46.14 -1.87 0.00	44.15 -2.03 0.00	41.84 -2.02 0.00	41.26 -1.90 0.00	40.61 -1.47 0.00	41.09 -1.76 0.00	43.12 -1.84 0.00	49.12 -2.31 0.00	53.53 -1.77 0.00	47.62 -1.68 0.00	43.08 -1.47 0.00	38.64 -0.95 0.00	36.87 -0.95 0.00	36.33 -0.86 0.00
STA_82___115KV_TB1 80780	36.60 -1.80 0.00	36.20 -1.59 0.00	34.64 -1.59 0.00	34.06 -1.72 0.00	34.19 -1.72 0.00	36.33 -1.36 0.00	42.71 -2.11 0.00	44.98 -2.27 0.00	45.54 -2.30 0.00	45.36 -2.44 0.00	45.76 -2.26 0.00	43.83 -2.36 0.00	41.54 -2.32 0.00	40.96 -2.20 0.00	40.32 -1.77 0.00	40.79 -2.06 0.00	42.80 -2.16 0.00	48.76 -2.67 0.00	53.09 -2.21 0.00	47.27 -2.02 0.00	42.72 -1.83 0.00	38.37 -1.23 0.00	36.61 -1.21 0.00	36.11 -1.08 0.00
STEEL___WIND 323596	36.48 -1.92 0.00	36.16 -1.62 0.00	34.57 -1.67 0.00	34.03 -1.75 0.00	33.98 -1.94 0.00	36.29 -1.39 0.00	42.35 -2.46 0.00	44.46 -2.79 0.00	45.11 -2.72 0.00	44.60 -3.20 0.00	45.13 -2.88 0.00	43.18 -3.00 0.00	40.79 -3.07 0.00	40.74 -2.42 0.00	39.98 -2.10 0.00	40.32 -2.53 0.00	42.26 -2.70 0.00	48.09 -3.34 0.00	52.70 -2.60 0.00	46.98 -2.32 0.00	42.36 -2.18 0.00	38.25 -1.35 0.00	36.38 -1.44 0.00	36.10 -1.08 0.00
STEPHTWN_115KV_BK_2 55603	40.17 1.77 0.00	39.49 1.70 0.00	37.86 1.63 0.00	37.36 1.57 0.00	37.61 1.69 0.00	39.35 1.66 0.00	47.19 2.38 0.00	49.71 2.46 0.00	50.42 2.58 0.00	50.33 2.53 0.00	50.51 2.50 0.00	48.54 2.36 0.00	46.14 2.28 0.00	45.45 2.29 0.00	44.27 2.19 0.00	45.20 2.36 0.00	47.48 2.52 0.00	54.41 2.98 0.00	58.40 3.10 0.00	51.95 2.66 0.00	47.00 2.45 0.00	41.69 2.10 0.00	39.67 1.85 0.00	38.97 1.78 0.00
STEUBEN_REC_LFGE 323667	36.40 -2.00 0.00	36.09 -1.70 0.00	34.42 -1.81 0.00	33.99 -1.79 0.00	34.01 -1.90 0.00	36.07 -1.62 0.00	42.53 -2.29 0.00	44.27 -2.98 0.00	44.91 -2.92 0.00	44.60 -3.20 0.00	44.80 -3.22 0.00	42.86 -3.33 0.00	40.35 -3.51 0.00	39.79 -3.37 0.00	39.31 -2.78 0.00	40.06 -2.78 0.00	42.13 -2.83 0.00	48.29 -3.14 0.00	53.14 -2.16 0.00	47.76 -1.53 0.00	43.12 -1.43 0.00	38.56 -1.03 0.00	36.91 -0.91 0.00	36.70 -0.48 0.00
STILLWATER___SOLAR 323814	40.63 2.23 0.00	39.94 2.15 0.00	38.30 2.06 0.00	37.82 2.04 0.00	38.07 2.15 0.00	39.87 2.19 0.00	47.90 3.09 0.00	50.47 3.21 0.00	51.18 3.35 0.00	51.10 3.30 0.00	51.23 3.22 0.00	49.28 3.09 0.00	46.80 2.94 0.00	46.10 2.94 0.00	44.86 2.78 0.00	45.76 2.91 0.00	48.15 3.19 0.00	55.13 3.71 0.00	59.23 3.93 0.00	52.74 3.45 0.00	47.66 3.12 0.00	42.25 2.65 0.00	40.16 2.35 0.00	39.45 2.27 0.00
STONY___BROOK 24151	41.28 2.88 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.29 2.37 0.00	40.17 2.49 0.00	57.41 3.72 -8.87	61.97 4.20 -10.52	61.99 4.35 -9.81	53.96 4.16 -2.00	51.52 3.50 0.00	49.97 3.79 0.00	50.71 3.68 -3.16	50.66 3.63 -3.87	51.74 3.57 -6.09	52.02 3.90 -5.28	52.17 4.13 -3.07	60.03 5.09 -3.51	67.00 5.48 -6.23	53.73 4.44 0.00	48.69 4.14 0.00	42.76 3.17 0.00	40.39 2.57 0.00	40.34 3.16 0.00
STURGEON_POOL_HYD 23609	39.75 1.34 0.00	38.96 1.17 0.00	37.35 1.12 0.00	36.85 1.07 0.00	37.10 1.19 0.00	38.71 1.02 0.00	46.61 1.79 0.00	49.24 1.98 0.00	49.84 2.01 0.00	49.81 2.01 0.00	49.93 1.92 0.00	48.12 1.94 0.00	45.75 1.89 0.00	45.06 1.90 0.00	43.89 1.81 0.00	44.90 2.06 0.00	47.12 2.16 0.00	54.10 2.67 0.00	58.01 2.71 0.00	51.71 2.42 0.00	46.68 2.14 0.00	41.30 1.70 0.00	39.29 1.47 0.00	38.60 1.41 0.00
ST_LAW_115_BK7_LBMP 345037	38.48 0.08 0.00	37.86 0.08 0.00	36.30 0.07 0.00	35.85 0.07 0.00	35.92 0.00 0.00	37.76 0.08 0.00	44.73 -0.09 0.00	47.16 -0.09 0.00	47.59 -0.24 0.00	47.61 -0.19 0.00	47.82 -0.19 0.00	45.95 -0.23 0.00	43.64 -0.22 0.00	42.86 -0.30 0.00	41.74 -0.34 0.00	42.42 -0.43 0.00	44.42 -0.54 0.00	50.71 -0.72 0.00	54.41 -0.89 0.00	48.55 -0.74 0.00	43.92 -0.62 0.00	39.00 -0.59 0.00	37.17 -0.64 0.00	36.59 -0.60 0.00

ST_LAW_115_BK8_LBMP 345038	38.48 0.08 0.00	37.86 0.08 0.00	36.30 0.07 0.00	35.85 0.07 0.00	35.92 0.00 0.00	37.76 0.08 0.00	44.73 -0.09 0.00	47.16 -0.09 0.00	47.59 -0.24 0.00	47.61 -0.19 0.00	47.82 -0.19 0.00	45.95 -0.23 0.00	43.64 -0.22 0.00	42.86 -0.30 0.00	41.74 -0.34 0.00	42.42 -0.43 0.00	44.42 -0.54 0.00	50.71 -0.72 0.00	54.41 -0.89 0.00	48.55 -0.74 0.00	43.92 -0.62 0.00	39.00 -0.59 0.00	37.17 -0.64 0.00	36.59 -0.60 0.00
ST_LAW_230_BK5_LBMP 345035	38.48 0.08 0.00	37.86 0.08 0.00	36.30 0.07 0.00	35.82 0.04 0.00	35.92 0.00 0.00	37.76 0.08 0.00	44.73 -0.09 0.00	47.16 -0.09 0.00	47.59 -0.24 0.00	47.61 -0.19 0.00	47.82 -0.19 0.00	45.95 -0.23 0.00	43.64 -0.22 0.00	42.86 -0.30 0.00	41.74 -0.34 0.00	42.42 -0.43 0.00	44.42 -0.54 0.00	50.71 -0.72 0.00	54.41 -0.89 0.00	48.55 -0.74 0.00	43.92 -0.62 0.00	39.00 -0.59 0.00	37.17 -0.64 0.00	36.59 -0.60 0.00
ST_LAW_230_BK6_LBMP 345036	38.48 0.08 0.00	37.86 0.08 0.00	36.30 0.07 0.00	35.82 0.04 0.00	35.92 0.00 0.00	37.76 0.08 0.00	44.73 -0.09 0.00	47.16 -0.09 0.00	47.59 -0.24 0.00	47.61 -0.19 0.00	47.82 -0.19 0.00	45.95 -0.23 0.00	43.64 -0.22 0.00	42.86 -0.30 0.00	41.74 -0.34 0.00	42.42 -0.43 0.00	44.42 -0.54 0.00	50.71 -0.72 0.00	54.41 -0.89 0.00	48.55 -0.74 0.00	43.92 -0.62 0.00	39.00 -0.59 0.00	37.17 -0.64 0.00	36.59 -0.60 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.55 1.15 0.00	38.73 0.94 0.00	37.17 0.94 0.00	36.71 0.93 0.00	36.92 1.01 0.00	38.59 0.90 0.00	46.38 1.57 0.00	49.05 1.80 0.00	49.75 1.91 0.00	49.71 1.91 0.00	49.89 1.87 0.00	48.08 1.89 0.00	45.70 1.84 0.00	45.02 1.86 0.00	43.85 1.77 0.00	44.81 1.97 0.00	47.07 2.11 0.00	53.95 2.52 0.00	57.90 2.60 0.00	51.61 2.32 0.00	46.60 2.05 0.00	41.22 1.62 0.00	39.18 1.36 0.00	38.49 1.30 0.00
SWANROAD_115KV_TB1 355699	35.10 -3.30 0.00	34.84 -2.95 0.00	33.30 -2.93 0.00	32.74 -3.04 0.00	32.72 -3.20 0.00	34.94 -2.75 0.00	40.69 -4.12 0.00	42.67 -4.58 0.00	43.34 -4.50 0.00	42.92 -4.88 0.00	43.40 -4.61 0.00	41.52 -4.66 0.00	39.26 -4.61 0.00	38.80 -4.36 0.00	38.46 -3.62 0.00	38.77 -4.07 0.00	40.60 -4.36 0.00	46.08 -5.35 0.00	50.43 -4.87 0.00	44.95 -4.34 0.00	40.72 -3.83 0.00	36.82 -2.77 0.00	35.09 -2.72 0.00	34.88 -2.31 0.00
SYNERGY___BIOGAS 323694	36.83 -1.58 0.00	36.46 -1.32 0.00	34.85 -1.38 0.00	34.28 -1.50 0.00	34.34 -1.58 0.00	36.75 -0.94 0.00	43.07 -1.75 0.00	45.36 -1.89 0.00	45.78 -2.06 0.00	45.41 -2.39 0.00	45.95 -2.06 0.00	43.83 -2.35 0.00	41.49 -2.37 0.00	41.31 -1.85 0.00	40.44 -1.64 0.00	40.83 -2.01 0.00	42.85 -2.11 0.00	48.81 -2.62 0.00	53.59 -1.71 0.00	47.76 -1.53 0.00	43.16 -1.38 0.00	38.88 -0.71 0.00	36.95 -0.87 0.00	36.48 -0.71 0.00
SYRACUSE___ENERGY_ST1 323597	37.94 -0.46 0.00	37.41 -0.38 0.00	35.80 -0.43 0.00	35.35 -0.43 0.00	35.49 -0.43 0.00	37.31 -0.38 0.00	44.28 -0.54 0.00	46.64 -0.61 0.00	47.31 -0.53 0.00	47.27 -0.53 0.00	47.58 -0.43 0.00	45.72 -0.46 0.00	43.34 -0.53 0.00	42.64 -0.52 0.00	41.70 -0.38 0.00	42.42 -0.43 0.00	44.51 -0.45 0.00	50.92 -0.51 0.00	54.91 -0.39 0.00	48.95 -0.35 0.00	44.19 -0.36 0.00	39.40 -0.20 0.00	37.74 -0.08 0.00	37.07 -0.11 0.00
SYRACUSE___ENERGY_ST2 323598	37.94 -0.46 0.00	37.41 -0.38 0.00	35.80 -0.43 0.00	35.35 -0.43 0.00	35.49 -0.43 0.00	37.31 -0.38 0.00	44.28 -0.54 0.00	46.64 -0.61 0.00	47.31 -0.53 0.00	47.27 -0.53 0.00	47.58 -0.43 0.00	45.72 -0.46 0.00	43.34 -0.53 0.00	42.64 -0.52 0.00	41.70 -0.38 0.00	42.42 -0.43 0.00	44.51 -0.45 0.00	50.92 -0.51 0.00	54.91 -0.39 0.00	48.95 -0.35 0.00	44.19 -0.36 0.00	39.40 -0.20 0.00	37.74 -0.08 0.00	37.07 -0.11 0.00
SYRACUSE___POWER 24017	37.71 -0.69 0.00	37.18 -0.60 0.00	35.62 -0.62 0.00	35.17 -0.61 0.00	35.31 -0.61 0.00	37.12 -0.57 0.00	44.05 -0.76 0.00	46.40 -0.85 0.00	47.07 -0.77 0.00	47.04 -0.76 0.00	47.29 -0.72 0.00	45.49 -0.69 0.00	43.12 -0.75 0.00	42.43 -0.73 0.00	41.54 -0.55 0.00	42.24 -0.60 0.00	44.33 -0.63 0.00	50.71 -0.72 0.00	54.69 -0.61 0.00	48.75 -0.54 0.00	44.01 -0.53 0.00	39.20 -0.40 0.00	37.55 -0.26 0.00	36.92 -0.26 0.00
TALLMAN___138KV_BK151 55660	39.67 1.27 0.00	38.81 1.02 0.00	37.25 1.01 0.00	36.78 1.00 0.00	37.03 1.11 0.00	38.71 1.02 0.00	46.56 1.75 0.00	49.28 2.03 0.00	49.98 2.15 0.00	50.00 2.20 0.00	50.17 2.16 0.00	48.35 2.17 0.00	45.97 2.11 0.00	45.28 2.11 0.00	44.10 2.02 0.00	45.11 2.27 0.00	47.34 2.38 0.00	54.21 2.78 0.00	58.23 2.93 0.00	51.91 2.61 0.00	46.86 2.32 0.00	41.42 1.82 0.00	39.37 1.55 0.00	38.63 1.45 0.00
TEALLAVE_115KV_TB7 355573	37.60 -0.81 0.00	37.07 -0.72 0.00	35.47 -0.76 0.00	35.03 -0.75 0.00	35.16 -0.75 0.00	37.01 -0.68 0.00	43.87 -0.94 0.00	46.21 -1.04 0.00	46.88 -0.96 0.00	46.84 -0.96 0.00	47.15 -0.86 0.00	45.30 -0.88 0.00	42.98 -0.88 0.00	42.30 -0.86 0.00	41.41 -0.67 0.00	42.12 -0.73 0.00	44.15 -0.81 0.00	50.50 -0.93 0.00	54.47 -0.83 0.00	48.50 -0.79 0.00	43.79 -0.76 0.00	39.04 -0.55 0.00	37.44 -0.38 0.00	36.81 -0.37 0.00
TELGRAPH_34_KV_EAST 80808	35.98 -2.42 0.00	35.67 -2.12 0.00	34.13 -2.10 0.00	33.53 -2.25 0.00	33.55 -2.37 0.00	35.84 -1.85 0.00	41.90 -2.91 0.00	43.99 -3.26 0.00	44.58 -3.25 0.00	44.21 -3.59 0.00	44.70 -3.31 0.00	42.72 -3.46 0.00	40.40 -3.47 0.00	39.92 -3.24 0.00	39.52 -2.57 0.00	39.84 -3.00 0.00	41.77 -3.19 0.00	47.47 -3.96 0.00	52.04 -3.26 0.00	46.38 -2.91 0.00	41.96 -2.58 0.00	37.85 -1.74 0.00	36.04 -1.78 0.00	35.70 -1.49 0.00
TEMPLE___115KV_TB 2 55572	37.60 -0.81 0.00	37.07 -0.72 0.00	35.51 -0.72 0.00	35.07 -0.72 0.00	35.20 -0.72 0.00	37.01 -0.68 0.00	43.87 -0.94 0.00	46.21 -1.04 0.00	46.88 -0.96 0.00	46.89 -0.91 0.00	47.15 -0.86 0.00	45.35 -0.83 0.00	43.03 -0.83 0.00	42.30 -0.86 0.00	41.41 -0.67 0.00	42.12 -0.73 0.00	44.15 -0.81 0.00	50.50 -0.93 0.00	54.47 -0.83 0.00	48.50 -0.79 0.00	43.83 -0.71 0.00	39.04 -0.55 0.00	37.44 -0.38 0.00	36.81 -0.37 0.00
TIANA____69_KV_BK 1 55817	41.40 3.00 0.00	40.43 2.65 0.00	38.66 2.43 0.00	38.14 2.36 0.00	38.40 2.48 0.00	40.33 2.64 0.00	57.68 3.99 -8.87	62.30 4.54 -10.52	62.33 4.69 -9.81	53.86 4.06 -2.00	51.18 3.17 0.00	49.60 3.42 0.00	50.36 3.33 -3.16	50.35 3.32 -3.87	51.45 3.28 -6.09	51.68 3.56 -5.28	51.77 3.73 -3.07	59.93 4.99 -3.51	67.00 5.47 -6.23	53.43 4.14 0.00	48.38 3.83 0.00	42.37 2.77 0.00	39.97 2.16 0.00	40.46 3.27 0.00
TILDEN___115KV_TB1 80814	37.71 -0.69 0.00	37.18 -0.60 0.00	35.62 -0.62 0.00	35.17 -0.61 0.00	35.31 -0.61 0.00	37.12 -0.57 0.00	44.05 -0.76 0.00	46.40 -0.85 0.00	47.07 -0.77 0.00	47.04 -0.76 0.00	47.29 -0.72 0.00	45.49 -0.69 0.00	43.12 -0.75 0.00	42.43 -0.73 0.00	41.54 -0.55 0.00	42.24 -0.60 0.00	44.33 -0.63 0.00	50.71 -0.72 0.00	54.69 -0.61 0.00	48.75 -0.54 0.00	44.01 -0.53 0.00	39.20 -0.40 0.00	37.55 -0.26 0.00	36.92 -0.26 0.00

TRIGEN___CC 323695	40.48 2.07 0.00	39.53 1.74 0.00	37.90 1.67 0.00	37.39 1.61 0.00	37.64 1.72 0.00	39.42 1.73 0.00	56.38 2.69 -8.87	60.89 3.12 -10.52	60.89 3.25 -9.81	53.19 3.39 -2.00	51.13 3.12 0.00	49.46 3.28 0.00	50.23 3.20 -3.16	50.23 3.19 -3.87	51.24 3.07 -6.09	51.46 3.34 -5.28	51.54 3.51 -3.07	59.00 4.06 -3.51	65.84 4.31 -6.23	53.04 3.75 0.00	47.93 3.39 0.00	42.29 2.69 0.00	40.09 2.27 0.00	39.49 2.31 0.00
TRINITY___115KV___4 BK 55933	39.78 1.38 0.00	39.07 1.28 0.00	37.50 1.27 0.00	37.03 1.25 0.00	37.25 1.33 0.00	38.93 1.24 0.00	46.70 1.88 0.00	49.19 1.94 0.00	49.89 2.06 0.00	49.86 2.06 0.00	50.03 2.02 0.00	48.12 1.94 0.00	45.75 1.89 0.00	45.06 1.90 0.00	43.89 1.81 0.00	44.77 1.93 0.00	46.98 2.02 0.00	53.85 2.42 0.00	57.79 2.49 0.00	51.46 2.17 0.00	46.51 1.96 0.00	41.26 1.66 0.00	39.29 1.47 0.00	38.63 1.45 0.00
UNION___PROCESSING_DRP 323587	36.60 -1.80 0.00	36.20 -1.59 0.00	34.64 -1.59 0.00	34.10 -1.68 0.00	34.19 -1.72 0.00	36.33 -1.36 0.00	42.71 -2.11 0.00	44.98 -2.27 0.00	45.54 -2.30 0.00	45.36 -2.44 0.00	45.80 -2.21 0.00	43.83 -2.36 0.00	41.54 -2.32 0.00	40.96 -2.20 0.00	40.32 -1.77 0.00	40.79 -2.06 0.00	42.80 -2.16 0.00	48.76 -2.67 0.00	53.09 -2.21 0.00	47.27 -2.02 0.00	42.72 -1.83 0.00	38.37 -1.23 0.00	36.61 -1.21 0.00	36.11 -1.08 0.00
UPPER HUDSON___HYD 24058	41.55 3.15 0.00	40.81 3.02 0.00	39.16 2.93 0.00	38.68 2.90 0.00	39.01 3.09 0.00	40.85 3.17 0.00	49.21 4.39 0.00	51.88 4.63 0.00	52.76 4.93 0.00	52.58 4.78 0.00	52.67 4.66 0.00	50.52 4.34 0.00	47.98 4.12 0.00	47.26 4.10 0.00	45.91 3.83 0.00	46.87 4.03 0.00	49.37 4.41 0.00	56.57 5.14 0.00	60.72 5.42 0.00	54.07 4.78 0.00	48.87 4.32 0.00	43.32 3.72 0.00	41.11 3.29 0.00	40.34 3.16 0.00
UPPER RAQUET___HYD 24056	42.55 4.15 0.00	41.91 4.12 0.00	40.03 3.80 0.00	39.68 3.90 0.00	39.08 3.16 0.00	40.66 2.98 0.00	47.95 3.14 0.00	50.42 3.17 0.00	50.32 2.49 0.00	50.81 3.01 0.00	52.28 4.27 0.00	50.71 4.53 0.00	47.98 4.12 0.00	47.00 3.84 0.00	45.03 2.94 0.00	44.56 1.72 0.00	46.27 1.30 0.00	52.46 1.03 0.00	56.85 1.55 0.00	51.12 1.82 0.00	46.06 1.52 0.00	41.42 1.82 0.00	39.56 1.74 0.00	39.71 2.53 0.00
VALLEY44_115KV_TB2 355964	37.02 -1.38 0.00	36.69 -1.10 0.00	35.11 -1.12 0.00	34.56 -1.22 0.00	34.55 -1.36 0.00	36.82 -0.87 0.00	43.16 -1.66 0.00	45.27 -1.98 0.00	45.87 -1.96 0.00	45.36 -2.44 0.00	45.71 -2.30 0.00	43.78 -2.40 0.00	41.32 -2.54 0.00	40.87 -2.29 0.00	40.36 -1.73 0.00	40.83 -2.01 0.00	42.85 -2.11 0.00	48.86 -2.57 0.00	53.59 -1.71 0.00	47.81 -1.48 0.00	43.08 -1.47 0.00	38.72 -0.87 0.00	36.83 -0.98 0.00	36.63 -0.56 0.00
VALLEY___115KV_TB 1-4 80826	38.25 -0.15 0.00	37.75 -0.04 0.00	36.30 0.07 0.00	35.96 0.18 0.00	36.06 0.14 0.00	37.80 0.11 0.00	45.08 0.27 0.00	47.58 0.33 0.00	48.12 0.29 0.00	48.09 0.29 0.00	48.30 0.29 0.00	46.41 0.23 0.00	43.99 0.13 0.00	43.20 0.04 0.00	41.87 -0.21 0.00	42.54 -0.30 0.00	44.65 -0.31 0.00	51.07 -0.36 0.00	54.86 -0.44 0.00	48.90 -0.39 0.00	44.15 -0.40 0.00	39.24 -0.36 0.00	37.44 -0.38 0.00	36.74 -0.45 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.01 1.61 0.00	39.41 1.62 0.00	37.75 1.52 0.00	37.36 1.57 0.00	37.43 1.51 0.00	39.27 1.58 0.00	47.01 2.20 0.00	49.71 2.46 0.00	50.32 2.49 0.00	50.24 2.44 0.00	50.56 2.54 0.00	48.68 2.49 0.00	46.23 2.37 0.00	45.49 2.33 0.00	44.27 2.19 0.00	45.11 2.27 0.00	47.43 2.47 0.00	54.31 2.88 0.00	58.34 3.04 0.00	52.05 2.76 0.00	46.91 2.36 0.00	41.69 2.10 0.00	39.63 1.82 0.00	38.93 1.75 0.00
VISCHER___FERRY HYD 24020	40.01 1.61 0.00	39.26 1.47 0.00	37.68 1.45 0.00	37.21 1.43 0.00	37.43 1.51 0.00	39.20 1.51 0.00	47.05 2.24 0.00	49.57 2.31 0.00	50.27 2.44 0.00	50.19 2.39 0.00	50.32 2.30 0.00	48.40 2.22 0.00	46.01 2.15 0.00	45.32 2.16 0.00	44.19 2.10 0.00	45.03 2.18 0.00	47.30 2.34 0.00	54.20 2.78 0.00	58.17 2.87 0.00	51.76 2.46 0.00	46.82 2.27 0.00	41.53 1.94 0.00	39.52 1.70 0.00	38.86 1.67 0.00
V_A_10_SYNC_DSASP 323832	35.75 -2.65 0.00	35.41 -2.38 0.00	33.88 -2.35 0.00	33.31 -2.47 0.00	33.33 -2.59 0.00	35.46 -2.22 0.00	41.50 -3.32 0.00	43.57 -3.69 0.00	44.24 -3.59 0.00	43.93 -3.87 0.00	44.41 -3.60 0.00	42.49 -3.70 0.00	40.22 -3.64 0.00	40.05 -3.11 0.00	39.22 -2.86 0.00	39.63 -3.21 0.00	41.50 -3.46 0.00	47.16 -4.27 0.00	51.49 -3.82 0.00	45.84 -3.45 0.00	41.47 -3.07 0.00	37.42 -2.18 0.00	35.70 -2.12 0.00	35.36 -1.82 0.00
V_CMM_10_SYNC_DSASP 323787	38.67 0.27 0.00	38.09 0.30 0.00	36.49 0.26 0.00	36.03 0.25 0.00	36.10 0.18 0.00	37.99 0.30 0.00	44.99 0.18 0.00	47.44 0.19 0.00	47.83 0.00 0.00	47.85 0.05 0.00	48.11 0.10 0.00	46.23 0.05 0.00	43.91 0.04 0.00	43.07 -0.09 0.00	42.00 -0.08 0.00	42.63 -0.21 0.00	44.69 -0.27 0.00	50.97 -0.46 0.00	54.75 -0.55 0.00	48.85 -0.44 0.00	44.19 -0.36 0.00	39.20 -0.40 0.00	37.36 -0.45 0.00	36.78 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	39.67 1.27 0.00	39.07 1.29 0.00	37.43 1.19 0.00	36.93 1.14 0.00	36.92 1.00 0.00	38.93 1.24 0.00	46.03 1.21 0.00	48.53 1.28 0.00	48.74 0.91 0.00	48.76 0.96 0.00	48.88 0.87 0.00	46.78 0.60 0.00	44.30 0.44 0.00	43.29 0.13 0.00	41.83 -0.25 0.00	42.07 -0.77 0.00	43.79 -1.17 0.00	49.73 -1.70 0.00	53.26 -2.04 0.00	47.47 -1.82 0.00	42.99 -1.56 0.00	38.09 -1.50 0.00	36.19 -1.63 0.00	35.70 -1.49 0.00
V_D_10_SYNC_DSASP 323841	38.82 0.42 0.00	38.24 0.46 0.00	36.67 0.44 0.00	36.18 0.39 0.00	36.24 0.32 0.00	38.14 0.45 0.00	45.17 0.36 0.00	47.63 0.38 0.00	48.02 0.19 0.00	48.04 0.24 0.00	48.30 0.29 0.00	46.41 0.23 0.00	44.04 0.18 0.00	43.25 0.09 0.00	42.17 0.08 0.00	42.80 -0.04 0.00	44.83 -0.13 0.00	51.17 -0.26 0.00	54.97 -0.33 0.00	49.05 -0.25 0.00	44.37 -0.18 0.00	39.36 -0.24 0.00	37.51 -0.30 0.00	36.93 -0.26 0.00
V_E_10_SYNC_DSASP 323830	40.28 1.88 0.00	39.79 2.00 0.00	37.93 1.70 0.00	37.64 1.86 0.00	37.61 1.69 0.00	39.84 2.15 0.00	47.73 2.91 0.00	50.32 3.07 0.00	50.61 2.77 0.00	50.14 2.34 0.00	50.51 2.50 0.00	48.40 2.22 0.00	45.97 2.11 0.00	45.32 2.16 0.00	44.27 2.19 0.00	45.07 2.23 0.00	47.61 2.65 0.00	54.77 3.34 0.00	59.28 3.98 0.00	53.09 3.80 0.00	47.71 3.16 0.00	42.57 2.97 0.00	40.35 2.53 0.00	39.60 2.42 0.00
V_F_30_NSYNC___DSASP 323816	40.67 2.27 0.00	39.98 2.19 0.00	38.33 2.10 0.00	37.86 2.07 0.00	38.11 2.19 0.00	39.91 2.22 0.00	47.95 3.14 0.00	50.51 3.26 0.00	51.23 3.40 0.00	51.14 3.34 0.00	51.32 3.31 0.00	49.32 3.14 0.00	46.85 2.98 0.00	46.14 2.98 0.00	44.95 2.86 0.00	45.84 3.00 0.00	48.20 3.24 0.00	55.18 3.75 0.00	59.28 3.98 0.00	52.79 3.50 0.00	47.71 3.16 0.00	42.29 2.69 0.00	40.20 2.38 0.00	39.49 2.31 0.00

V_F_30_SYNC_DSASP 323786	40.17 1.77 0.00	39.49 1.70 0.00	37.86 1.63 0.00	37.39 1.61 0.00	37.61 1.69 0.00	39.35 1.66 0.00	47.19 2.38 0.00	49.76 2.50 0.00	50.46 2.63 0.00	50.43 2.63 0.00	50.65 2.64 0.00	48.72 2.54 0.00	46.32 2.46 0.00	45.66 2.50 0.00	44.48 2.40 0.00	45.33 2.48 0.00	47.61 2.65 0.00	54.46 3.03 0.00	58.45 3.15 0.00	52.05 2.76 0.00	47.04 2.49 0.00	41.69 2.10 0.00	39.71 1.89 0.00	39.01 1.82 0.00
V_XM_10_SYNC_DSASP 323789	39.67 1.27 0.00	39.07 1.29 0.00	37.43 1.19 0.00	36.93 1.14 0.00	36.92 1.00 0.00	38.93 1.24 0.00	46.03 1.21 0.00	48.53 1.28 0.00	48.74 0.91 0.00	48.76 0.96 0.00	48.88 0.87 0.00	46.78 0.60 0.00	44.30 0.44 0.00	43.29 0.13 0.00	41.83 -0.25 0.00	42.07 -0.77 0.00	43.79 -1.17 0.00	49.73 -1.70 0.00	53.26 -2.04 0.00	47.47 -1.82 0.00	42.99 -1.56 0.00	38.09 -1.50 0.00	36.19 -1.63 0.00	35.70 -1.49 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.78 1.38 0.00	38.96 1.17 0.00	37.39 1.16 0.00	36.89 1.11 0.00	37.14 1.22 0.00	38.82 1.13 0.00	46.70 1.88 0.00	49.47 2.22 0.00	50.18 2.34 0.00	50.19 2.39 0.00	50.32 2.30 0.00	48.54 2.36 0.00	46.14 2.28 0.00	45.45 2.29 0.00	44.23 2.15 0.00	45.24 2.40 0.00	47.52 2.56 0.00	54.41 2.98 0.00	58.45 3.15 0.00	52.10 2.81 0.00	47.00 2.45 0.00	41.53 1.94 0.00	39.48 1.66 0.00	38.75 1.56 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.01 1.61 0.00	39.07 1.28 0.00	37.57 1.34 0.00	37.10 1.32 0.00	37.32 1.40 0.00	39.01 1.32 0.00	46.97 2.15 0.00	49.85 2.60 0.00	50.61 2.77 0.00	50.67 2.87 0.00	50.75 2.74 0.00	49.00 2.82 0.00	46.62 2.76 0.00	45.92 2.76 0.00	44.69 2.61 0.00	45.76 2.91 0.00	48.02 3.06 0.00	54.98 3.55 0.00	59.01 3.71 0.00	52.60 3.30 0.00	47.49 2.94 0.00	41.89 2.30 0.00	39.86 2.04 0.00	39.08 1.90 0.00
W50THST__13_KV_LOAD 356117	40.13 1.73 0.00	39.19 1.40 0.00	37.64 1.41 0.00	37.21 1.43 0.00	37.43 1.51 0.00	39.12 1.43 0.00	47.10 2.29 0.00	50.04 2.79 0.00	50.85 3.01 0.00	50.91 3.11 0.00	50.99 2.98 0.00	49.23 3.05 0.00	46.84 2.98 0.00	46.14 2.98 0.00	44.90 2.82 0.00	45.97 3.13 0.00	48.24 3.28 0.00	55.24 3.81 0.00	59.28 3.98 0.00	52.79 3.50 0.00	47.66 3.12 0.00	42.05 2.45 0.00	39.97 2.16 0.00	39.19 2.01 0.00
WADING RIVER_IC_1 23522	41.43 3.03 0.00	40.43 2.64 0.00	38.70 2.46 0.00	38.14 2.36 0.00	38.39 2.48 0.00	40.36 2.68 0.00	57.59 3.90 -8.87	62.21 4.44 -10.52	62.28 4.64 -9.81	54.15 4.35 -2.00	51.71 3.70 0.00	50.15 3.97 0.00	50.89 3.86 -3.16	50.78 3.75 -3.87	51.91 3.74 -6.09	52.19 4.07 -5.28	52.39 4.36 -3.07	60.45 5.51 -3.51	67.50 5.97 -6.23	54.07 4.78 0.00	48.91 4.37 0.00	42.92 3.33 0.00	40.50 2.69 0.00	40.57 3.38 0.00
WADING RIVER_IC_2 23547	41.43 3.03 0.00	40.43 2.64 0.00	38.70 2.46 0.00	38.14 2.36 0.00	38.39 2.48 0.00	40.36 2.68 0.00	57.59 3.90 -8.87	62.21 4.44 -10.52	62.28 4.64 -9.81	54.15 4.35 -2.00	51.71 3.70 0.00	50.15 3.97 0.00	50.89 3.86 -3.16	50.78 3.75 -3.87	51.91 3.74 -6.09	52.19 4.07 -5.28	52.39 4.36 -3.07	60.45 5.51 -3.51	67.50 5.97 -6.23	54.07 4.78 0.00	48.91 4.37 0.00	42.92 3.33 0.00	40.50 2.69 0.00	40.57 3.38 0.00
WADING RIVER_IC_3 23601	41.43 3.03 0.00	40.43 2.64 0.00	38.70 2.46 0.00	38.14 2.36 0.00	38.39 2.48 0.00	40.36 2.68 0.00	57.59 3.90 -8.87	62.21 4.44 -10.52	62.28 4.64 -9.81	54.15 4.35 -2.00	51.71 3.70 0.00	50.15 3.97 0.00	50.89 3.86 -3.16	50.78 3.75 -3.87	51.91 3.74 -6.09	52.19 4.07 -5.28	52.39 4.36 -3.07	60.45 5.51 -3.51	67.50 5.97 -6.23	54.07 4.78 0.00	48.91 4.37 0.00	42.92 3.33 0.00	40.50 2.69 0.00	40.57 3.38 0.00
WALDENNY_12_KV_BK2 80841	36.40 -2.00 0.00	36.09 -1.70 0.00	34.53 -1.70 0.00	33.96 -1.82 0.00	33.94 -1.98 0.00	36.26 -1.43 0.00	42.26 -2.55 0.00	44.42 -2.84 0.00	45.06 -2.77 0.00	44.60 -3.20 0.00	45.08 -2.93 0.00	43.18 -3.00 0.00	40.79 -3.07 0.00	40.31 -2.85 0.00	39.94 -2.15 0.00	40.27 -2.57 0.00	42.22 -2.74 0.00	48.04 -3.39 0.00	52.59 -2.71 0.00	46.88 -2.42 0.00	42.32 -2.23 0.00	38.17 -1.43 0.00	36.34 -1.47 0.00	36.07 -1.12 0.00
WALDEN__HYDRO 24148	39.75 1.34 0.00	38.96 1.17 0.00	37.35 1.12 0.00	36.89 1.11 0.00	37.10 1.19 0.00	38.78 1.09 0.00	46.65 1.84 0.00	49.33 2.08 0.00	49.98 2.15 0.00	49.95 2.15 0.00	50.08 2.06 0.00	48.31 2.12 0.00	45.88 2.02 0.00	45.19 2.03 0.00	44.02 1.94 0.00	45.03 2.19 0.00	47.25 2.29 0.00	54.21 2.78 0.00	58.18 2.88 0.00	51.91 2.61 0.00	46.82 2.27 0.00	41.38 1.78 0.00	39.37 1.55 0.00	38.63 1.45 0.00
WARRENSBURG____ 23737	41.55 3.15 0.00	40.81 3.02 0.00	39.17 2.93 0.00	38.68 2.90 0.00	39.01 3.09 0.00	40.85 3.17 0.00	49.21 4.39 0.00	51.88 4.63 0.00	52.76 4.93 0.00	52.58 4.78 0.00	52.67 4.66 0.00	50.52 4.34 0.00	47.98 4.12 0.00	47.26 4.10 0.00	45.91 3.83 0.00	46.87 4.03 0.00	49.37 4.41 0.00	56.57 5.14 0.00	60.72 5.42 0.00	54.07 4.78 0.00	48.87 4.32 0.00	43.32 3.72 0.00	41.11 3.29 0.00	40.34 3.16 0.00
WATERSIDE____6 8 9 23538	37.92 1.80 2.28	37.06 1.47 2.20	35.34 1.52 2.41	34.85 1.54 2.46	35.10 1.62 2.43	36.95 1.47 2.21	45.76 2.24 1.29	48.75 2.74 1.24	49.61 2.92 1.14	49.62 3.06 1.24	49.82 2.93 1.12	47.76 2.96 1.38	45.05 2.94 1.75	44.23 2.93 1.86	42.88 2.82 2.02	43.98 3.08 1.95	46.48 3.28 1.76	54.31 3.75 0.88	58.38 3.87 0.79	51.51 3.45 1.23	45.78 3.07 1.84	39.55 2.45 2.50	38.24 2.27 1.85	37.02 2.12 2.28
WATKINRD_115KV_LN8_ILLION 55919	38.40 0.00 0.00	37.86 0.08 0.00	36.38 0.14 0.00	35.96 0.18 0.00	36.10 0.18 0.00	37.84 0.15 0.00	45.13 0.31 0.00	47.63 0.38 0.00	48.17 0.33 0.00	48.09 0.29 0.00	48.35 0.34 0.00	46.46 0.28 0.00	44.08 0.22 0.00	43.33 0.17 0.00	42.08 0.00 0.00	42.84 0.00 0.00	44.96 0.00 0.00	51.43 0.00 0.00	55.24 -0.06 0.00	49.24 -0.05 0.00	44.50 -0.04 0.00	39.55 -0.04 0.00	37.70 -0.11 0.00	37.04 -0.15 0.00
WATSON__69_KV_BK 1 55734	41.51 3.11 0.00	40.51 2.72 0.00	38.77 2.54 0.00	38.21 2.43 0.00	38.50 2.59 0.00	40.40 2.71 0.00	57.68 3.99 -8.87	62.30 4.54 -10.52	62.33 4.69 -9.81	54.29 4.49 -2.00	51.95 3.94 0.00	50.34 4.16 0.00	51.10 4.08 -3.16	51.09 4.06 -3.87	52.12 3.96 -6.09	52.36 4.24 -5.28	52.53 4.50 -3.07	60.44 5.50 -3.51	67.50 5.97 -6.23	54.22 4.93 0.00	49.05 4.50 0.00	43.12 3.52 0.00	40.73 2.91 0.00	40.53 3.35 0.00
WDELAWARE__HYD 323627	40.01 1.61 0.00	39.26 1.47 0.00	37.61 1.38 0.00	37.07 1.29 0.00	37.36 1.44 0.00	38.97 1.28 0.00	46.97 2.15 0.00	49.57 2.31 0.00	50.13 2.30 0.00	50.05 2.25 0.00	50.22 2.21 0.00	48.35 2.17 0.00	45.84 1.98 0.00	45.06 1.90 0.00	43.98 1.90 0.00	45.03 2.18 0.00	47.30 2.34 0.00	54.41 2.98 0.00	58.28 2.98 0.00	52.00 2.71 0.00	46.91 2.36 0.00	41.42 1.82 0.00	39.37 1.55 0.00	38.71 1.53 0.00

WEST BABYLON___IC 23714	41.28 2.88 0.00	40.32 2.53 0.00	38.59 2.36 0.00	38.03 2.25 0.00	38.32 2.41 0.00	40.21 2.53 0.00	57.41 3.72 -8.87	61.93 4.16 -10.52	61.94 4.30 -9.81	54.05 4.25 -2.00	51.81 3.79 0.00	50.20 4.02 0.00	50.97 3.95 -3.16	50.92 3.88 -3.87	51.96 3.79 -6.09	52.19 4.07 -5.28	52.35 4.32 -3.07	60.13 5.19 -3.51	67.11 5.59 -6.23	54.02 4.73 0.00	48.87 4.32 0.00	43.04 3.44 0.00	40.69 2.87 0.00	40.34 3.16 0.00
WEST CANADA___HYD 24049	38.63 0.23 0.00	38.02 0.23 0.00	36.45 0.22 0.00	36.00 0.22 0.00	36.14 0.22 0.00	37.88 0.19 0.00	45.13 0.32 0.00	47.63 0.38 0.00	48.21 0.38 0.00	48.18 0.38 0.00	48.40 0.38 0.00	46.55 0.37 0.00	44.26 0.39 0.00	43.55 0.39 0.00	42.42 0.34 0.00	43.18 0.34 0.00	45.36 0.40 0.00	51.89 0.46 0.00	55.80 0.50 0.00	49.69 0.39 0.00	44.90 0.35 0.00	39.91 0.32 0.00	38.12 0.30 0.00	37.45 0.26 0.00
WESTERN_NY_WIND 24143	36.79 -1.61 0.00	36.43 -1.36 0.00	34.82 -1.41 0.00	34.24 -1.54 0.00	34.30 -1.62 0.00	36.71 -0.98 0.00	43.02 -1.79 0.00	45.27 -1.98 0.00	45.73 -2.10 0.00	45.36 -2.44 0.00	45.85 -2.16 0.00	43.78 -2.40 0.00	41.41 -2.46 0.00	40.87 -2.29 0.00	40.40 -1.68 0.00	40.79 -2.06 0.00	42.80 -2.16 0.00	48.70 -2.73 0.00	53.53 -1.77 0.00	47.67 -1.63 0.00	43.12 -1.43 0.00	38.84 -0.75 0.00	36.91 -0.91 0.00	36.44 -0.74 0.00
WESTOVER___LESR 323668	38.09 -0.31 0.00	37.60 -0.19 0.00	35.98 -0.25 0.00	35.53 -0.25 0.00	35.63 -0.29 0.00	37.54 -0.15 0.00	44.59 -0.22 0.00	46.92 -0.33 0.00	47.59 -0.24 0.00	47.42 -0.38 0.00	47.68 -0.34 0.00	45.81 -0.37 0.00	43.42 -0.44 0.00	42.77 -0.39 0.00	41.87 -0.21 0.00	42.63 -0.21 0.00	44.74 -0.22 0.00	51.17 -0.26 0.00	55.36 0.06 0.00	49.34 0.05 0.00	44.55 0.00 0.00	39.67 0.08 0.00	37.85 0.04 0.00	37.33 0.15 0.00
WETHRSFD_WT_PWR 323626	35.48 -2.92 0.00	35.22 -2.57 0.00	33.62 -2.61 0.00	33.13 -2.65 0.00	33.08 -2.84 0.00	35.05 -2.64 0.00	41.05 -3.76 0.00	42.90 -4.35 0.00	43.58 -4.26 0.00	43.30 -4.50 0.00	43.64 -4.37 0.00	41.70 -4.48 0.00	39.39 -4.47 0.00	39.23 -3.93 0.00	38.55 -3.53 0.00	39.29 -3.56 0.00	41.28 -3.69 0.00	47.06 -4.37 0.00	51.65 -3.65 0.00	46.14 -3.16 0.00	41.69 -2.85 0.00	37.34 -2.26 0.00	35.74 -2.08 0.00	35.51 -1.67 0.00
WHAVSTOR_138KV_BK127 55557	39.67 1.27 0.00	38.81 1.02 0.00	37.28 1.05 0.00	36.78 1.00 0.00	37.03 1.11 0.00	38.71 1.02 0.00	46.56 1.75 0.00	49.28 2.03 0.00	49.98 2.15 0.00	50.05 2.25 0.00	50.17 2.16 0.00	48.35 2.17 0.00	46.01 2.15 0.00	45.28 2.11 0.00	44.10 2.02 0.00	45.11 2.27 0.00	47.34 2.38 0.00	54.26 2.83 0.00	58.23 2.93 0.00	51.91 2.61 0.00	46.86 2.32 0.00	41.42 1.82 0.00	39.37 1.55 0.00	38.63 1.45 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.67 1.27 0.00	38.81 1.02 0.00	37.28 1.05 0.00	36.78 1.00 0.00	37.03 1.11 0.00	38.71 1.02 0.00	46.56 1.75 0.00	49.28 2.03 0.00	49.98 2.15 0.00	50.05 2.25 0.00	50.17 2.16 0.00	48.35 2.17 0.00	46.01 2.15 0.00	45.28 2.11 0.00	44.10 2.02 0.00	45.11 2.27 0.00	47.34 2.38 0.00	54.26 2.83 0.00	58.23 2.93 0.00	51.91 2.61 0.00	46.86 2.32 0.00	41.42 1.82 0.00	39.37 1.55 0.00	38.63 1.45 0.00
WHITEHAL_115KV_TB1 80871	42.01 3.61 0.00	41.26 3.48 0.00	39.60 3.37 0.00	39.11 3.33 0.00	39.47 3.56 0.00	41.38 3.69 0.00	49.92 5.11 0.00	52.59 5.34 0.00	53.57 5.74 0.00	53.34 5.54 0.00	53.49 5.47 0.00	51.26 5.08 0.00	48.64 4.78 0.00	47.91 4.75 0.00	46.54 4.46 0.00	47.51 4.67 0.00	50.04 5.08 0.00	57.45 6.02 0.00	61.72 6.41 0.00	54.96 5.67 0.00	49.71 5.17 0.00	43.95 4.36 0.00	41.67 3.86 0.00	40.87 3.68 0.00
WHITEPLN_13_KV_LOAD 356215	40.24 1.84 0.00	39.37 1.59 0.00	37.79 1.56 0.00	37.32 1.54 0.00	37.53 1.62 0.00	39.23 1.55 0.00	47.23 2.42 0.00	50.13 2.88 0.00	50.94 3.11 0.00	51.05 3.25 0.00	51.18 3.17 0.00	49.37 3.19 0.00	46.98 3.11 0.00	46.27 3.11 0.00	45.07 2.99 0.00	46.19 3.34 0.00	48.51 3.55 0.00	55.54 4.11 0.00	59.67 4.37 0.00	53.09 3.80 0.00	47.93 3.39 0.00	42.21 2.61 0.00	40.12 2.31 0.00	39.30 2.12 0.00
WM_FLOYD_69_KV_BK2 356380	41.24 2.84 0.00	40.28 2.49 0.00	38.55 2.32 0.00	38.00 2.22 0.00	38.25 2.33 0.00	40.18 2.49 0.00	57.45 3.76 -8.87	62.02 4.25 -10.52	62.04 4.40 -9.81	53.67 3.87 -2.00	51.09 3.07 0.00	49.51 3.33 0.00	50.31 3.29 -3.16	50.31 3.28 -3.87	51.37 3.20 -6.09	51.63 3.51 -5.28	51.77 3.73 -3.07	59.83 4.89 -3.51	66.84 5.31 -6.23	53.38 4.09 0.00	48.38 3.83 0.00	42.41 2.81 0.00	40.05 2.23 0.00	40.34 3.16 0.00
WOODARD___115KV_TB2 355635	37.60 -0.81 0.00	37.07 -0.72 0.00	35.51 -0.72 0.00	35.07 -0.72 0.00	35.20 -0.72 0.00	37.05 -0.64 0.00	43.87 -0.94 0.00	46.26 -0.99 0.00	46.88 -0.96 0.00	46.89 -0.91 0.00	47.15 -0.86 0.00	45.30 -0.88 0.00	42.98 -0.88 0.00	42.30 -0.86 0.00	41.37 -0.72 0.00	42.07 -0.77 0.00	44.15 -0.81 0.00	50.50 -0.93 0.00	54.47 -0.83 0.00	48.50 -0.79 0.00	43.83 -0.71 0.00	39.04 -0.55 0.00	37.44 -0.38 0.00	36.81 -0.37 0.00
YORK___WARBASSE 23770	56.31 2.11 -15.80	54.77 1.78 -15.21	54.72 1.81 -16.68	54.72 1.82 -17.12	54.72 1.90 -16.90	54.77 1.77 -15.31	56.35 2.60 -8.94	58.96 3.12 -8.59	59.01 3.30 -7.88	59.80 3.44 -8.56	59.06 3.26 -7.78	59.04 3.33 -9.53	59.26 3.29 -12.11	59.33 3.28 -12.89	59.24 3.16 -14.00	59.75 3.43 -13.48	60.80 3.64 -12.19	61.67 4.17 -6.07	65.07 4.31 -5.46	61.64 3.84 -8.50	60.79 3.47 -12.77	59.68 2.77 -17.31	57.64 2.53 -17.29	55.50 2.45 -15.86