

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/07/2025

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	49.29	40.00	36.24	38.63	40.63	38.03	49.81	54.68	42.53	36.86	36.64	43.87	39.82	46.55	46.49	54.03	57.51	57.78	50.19	41.26	41.92	42.22	37.02	35.81
24138	2.29	1.82	1.74	1.87	1.96	2.10	2.96	3.41	2.62	2.43	2.66	3.33	2.99	3.24	3.01	3.39	3.75	3.56	3.39	2.85	2.87	2.90	2.40	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_1	49.32	40.03	36.27	38.66	40.66	38.05	49.85	54.72	42.54	36.85	36.63	43.84	39.81	46.53	46.48	54.02	57.51	57.82	50.23	41.29	41.94	42.25	37.04	35.85
24260	2.32	1.85	1.77	1.91	1.99	2.12	2.99	3.45	2.63	2.42	2.65	3.30	2.97	3.22	2.99	3.39	3.75	3.60	3.43	2.88	2.89	2.93	2.42	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	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	49.32	40.03	36.27	38.66	40.66	38.05	49.85	54.72	42.54	36.85	36.63	43.84	39.81	46.53	46.48	54.02	57.51	57.82	50.23	41.29	41.94	42.25	37.04	35.85
24261	2.32	1.85	1.77	1.91	1.99	2.12	2.99	3.45	2.63	2.42	2.65	3.30	2.97	3.22	2.99	3.39	3.75	3.60	3.43	2.88	2.89	2.93	2.42	2.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	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	48.48	39.63	36.04	38.44	40.37	37.81	49.24	53.64	41.71	35.80	35.48	42.61	38.36	45.25	45.42	52.90	56.60	56.79	49.38	40.53	40.87	40.99	36.07	34.99
24011	1.48	1.45	1.53	1.68	1.71	1.87	2.39	2.38	1.81	1.37	1.51	2.07	1.53	1.94	1.94	2.27	2.84	2.57	2.57	2.12	1.82	1.67	1.45	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.72	39.88	36.31	38.74	40.64	38.12	49.58	53.97	41.91	35.97	35.72	42.94	38.55	45.48	45.66	53.16	57.03	57.15	49.79	40.82	40.95	41.01	36.08	35.00
23798	1.71	1.70	1.81	1.98	1.98	2.18	2.73	2.70	2.00	1.53	1.75	2.40	1.73	2.17	2.18	2.52	3.27	2.93	2.99	2.41	1.90	1.69	1.47	1.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	48.48	39.63	36.04	38.44	40.37	37.81	49.24	53.64	41.71	35.80	35.48	42.61	38.36	45.25	45.42	52.90	56.60	56.79	49.38	40.53	40.87	40.99	36.07	34.99
24028	1.48	1.45	1.53	1.68	1.71	1.87	2.39	2.38	1.81	1.37	1.51	2.07	1.53	1.94	1.94	2.27	2.84	2.57	2.57	2.12	1.82	1.67	1.45	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.70	39.02	35.47	37.91	39.89	37.33	48.43	52.61	41.11	35.33	34.99	41.95	37.97	44.64	44.70	52.19	55.52	55.72	48.51	40.07	40.87	41.08	36.12	35.06
23527	0.70	0.84	0.97	1.16	1.23	1.39	1.58	1.35	1.20	0.90	1.02	1.41	1.15	1.33	1.22	1.56	1.76	1.50	1.71	1.66	1.82	1.76	1.50	1.37
	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
AIR_PRODUCTS___DRP	46.50	37.97	34.58	36.72	38.63	36.15	46.90	51.17	40.02	34.59	34.25	40.86	37.12	43.50	43.53	50.72	53.96	54.28	47.11	38.84	39.48	39.73	35.04	34.06
24190	-0.50	-0.21	0.08	-0.04	-0.04	0.21	0.05	-0.09	0.11	0.16	0.28	0.32	0.30	0.19	0.05	0.08	0.20	0.06	0.31	0.43	0.43	0.40	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
AKWESSNE_115KV_BK	48.27	39.15	35.23	37.51	39.49	36.61	47.71	52.28	40.68	35.12	34.50	40.94	37.16	43.78	44.11	51.35	54.39	54.87	47.01	38.45	39.15	39.57	35.04	34.16
355683	1.26	0.96	0.73	0.75	0.83	0.67	0.86	1.01	0.78	0.69	0.53	0.40	0.33	0.46	0.63	0.71	0.63	0.65	0.21	0.04	0.10	0.24	0.42	0.47
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.67	38.87	35.30	37.57	39.52	36.91	47.69	51.99	40.73	35.14	34.78	41.32	37.48	43.95	43.96	51.36	54.73	55.12	47.80	39.35	40.00	40.24	35.42	34.43
323833	0.67	0.68	0.80	0.81	0.86	0.97	0.84	0.72	0.82	0.71	0.80	0.78	0.66	0.64	0.48	0.73	0.97	0.90	0.99	0.94	0.95	0.92	0.80	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	47.66	38.86	35.29	37.56	39.52	36.90	47.68	51.98	40.71	35.13	34.76	41.31	37.48	43.95	43.96	51.36	54.72	55.11	47.79	39.34	40.00	40.23	35.42	34.43
323834	0.66	0.67	0.79	0.80	0.86	0.96	0.83	0.71	0.80	0.70	0.79	0.77	0.66	0.64	0.48	0.72	0.96	0.89	0.99	0.93	0.95	0.91	0.80	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.50	37.97	34.58	36.72	38.63	36.15	46.90	51.17	40.02	34.59	34.25	40.86	37.12	43.50	43.53	50.72	53.96	54.28	47.11	38.84	39.48	39.73	35.04	34.06
23571	-0.50	-0.21	0.08	-0.04	-0.04	0.21	0.05	-0.09	0.11	0.16	0.28	0.32	0.30	0.19	0.05	0.08	0.20	0.06	0.31	0.43	0.43	0.40	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___2 23572	46.50 -0.50 0.00	37.97 -0.21 0.00	34.58 0.08 0.00	36.72 -0.04 0.00	38.63 -0.04 0.00	36.15 0.21 0.00	46.90 0.05 0.00	51.17 -0.09 0.00	40.02 0.11 0.00	34.59 0.16 0.00	34.25 0.28 0.00	40.86 0.32 0.00	37.12 0.30 0.00	43.50 0.19 0.00	43.53 0.05 0.00	50.72 0.08 0.00	53.96 0.20 0.00	54.28 0.06 0.00	47.11 0.31 0.00	38.84 0.43 0.00	39.48 0.43 0.00	39.73 0.40 0.00	35.04 0.42 0.00	34.06 0.37 0.00
ALBANY___3 23573	46.50 -0.50 0.00	37.97 -0.21 0.00	34.58 0.08 0.00	36.72 -0.04 0.00	38.63 -0.04 0.00	36.15 0.21 0.00	46.90 0.05 0.00	51.17 -0.09 0.00	40.02 0.11 0.00	34.59 0.16 0.00	34.25 0.28 0.00	40.86 0.32 0.00	37.12 0.30 0.00	43.50 0.19 0.00	43.53 0.05 0.00	50.72 0.08 0.00	53.96 0.20 0.00	54.28 0.06 0.00	47.11 0.31 0.00	38.84 0.43 0.00	39.48 0.43 0.00	39.73 0.40 0.00	35.04 0.42 0.00	34.06 0.37 0.00
ALBANY___4 23574	46.50 -0.50 0.00	37.97 -0.21 0.00	34.58 0.08 0.00	36.72 -0.04 0.00	38.63 -0.04 0.00	36.15 0.21 0.00	46.90 0.05 0.00	51.17 -0.09 0.00	40.02 0.11 0.00	34.59 0.16 0.00	34.25 0.28 0.00	40.86 0.32 0.00	37.12 0.30 0.00	43.50 0.19 0.00	43.53 0.05 0.00	50.72 0.08 0.00	53.96 0.20 0.00	54.28 0.06 0.00	47.11 0.31 0.00	38.84 0.43 0.00	39.48 0.43 0.00	39.73 0.40 0.00	35.04 0.42 0.00	34.06 0.37 0.00
ALBANY___LFGE 323615	46.94 -0.07 0.00	38.32 0.13 0.00	34.88 0.38 0.00	37.06 0.30 0.00	39.00 0.33 0.00	36.48 0.54 0.00	47.39 0.54 0.00	51.69 0.43 0.00	40.43 0.53 0.00	34.92 0.49 0.00	34.59 0.61 0.00	41.28 0.74 0.00	37.51 0.68 0.00	43.98 0.67 0.00	44.01 0.53 0.00	51.30 0.66 0.00	54.58 0.82 0.00	54.89 0.67 0.00	47.63 0.83 0.00	39.25 0.84 0.00	39.88 0.83 0.00	40.12 0.80 0.00	35.38 0.76 0.00	34.35 0.66 0.00
ALCOA_PA_115KV_PL-6C 55860	48.70 1.69 0.00	39.49 1.30 0.00	35.52 1.01 0.00	37.81 1.06 0.00	39.82 1.16 0.00	36.91 0.98 0.00	48.12 1.26 0.00	52.71 1.45 0.00	41.01 1.10 0.00	35.39 0.96 0.00	34.75 0.78 0.00	41.20 0.67 0.00	37.40 0.57 0.00	44.04 0.73 0.00	44.45 0.97 0.00	51.72 1.08 0.00	54.74 0.98 0.00	55.21 0.99 0.00	47.27 0.47 0.00	38.66 0.25 0.00	39.37 0.32 0.00	39.81 0.49 0.00	35.29 0.67 0.00	34.40 0.71 0.00
ALCOA_RYNLDS___DRP 24188	48.70 1.69 0.00	39.49 1.30 0.00	35.52 1.01 0.00	37.81 1.06 0.00	39.82 1.16 0.00	36.91 0.98 0.00	48.12 1.26 0.00	52.71 1.45 0.00	41.01 1.10 0.00	35.39 0.96 0.00	34.75 0.78 0.00	41.20 0.67 0.00	37.40 0.57 0.00	44.04 0.73 0.00	44.45 0.97 0.00	51.72 1.08 0.00	54.74 0.98 0.00	55.21 0.99 0.00	47.27 0.47 0.00	38.66 0.25 0.00	39.37 0.32 0.00	39.81 0.49 0.00	35.29 0.67 0.00	34.40 0.71 0.00
ALCOA___DSASP 323711	48.70 1.69 0.00	39.49 1.30 0.00	35.52 1.01 0.00	37.81 1.06 0.00	39.82 1.16 0.00	36.91 0.98 0.00	48.12 1.26 0.00	52.71 1.45 0.00	41.01 1.10 0.00	35.39 0.96 0.00	34.75 0.78 0.00	41.20 0.67 0.00	37.40 0.57 0.00	44.04 0.73 0.00	44.45 0.97 0.00	51.72 1.08 0.00	54.74 0.98 0.00	55.21 0.99 0.00	47.27 0.47 0.00	38.66 0.25 0.00	39.37 0.32 0.00	39.81 0.49 0.00	35.29 0.67 0.00	34.40 0.71 0.00
ALLEGHENY___COGEN 23514	47.08 0.08 0.00	37.91 -0.28 0.00	33.85 -0.65 0.00	35.93 -0.83 0.00	37.78 -0.88 0.00	34.19 -1.32 0.43	44.91 -1.86 0.08	49.29 -1.97 0.00	38.23 -1.68 0.00	32.25 -2.19 0.00	31.74 -2.23 0.00	38.48 -2.06 0.00	35.22 -1.61 0.00	41.91 -1.40 0.00	42.58 -0.90 0.00	49.28 -1.35 0.00	52.40 -1.36 0.00	53.46 -0.76 0.00	45.84 -0.96 0.00	37.87 -0.54 0.00	38.18 -0.87 0.00	38.04 -1.28 0.00	33.31 -1.31 0.00	32.51 -1.18 0.00
ALTAMONT_115KV_TB 2 55880	47.18 0.18 0.00	38.45 0.26 0.00	34.88 0.37 0.00	37.15 0.39 0.00	39.07 0.41 0.00	36.45 0.52 0.00	47.45 0.60 0.00	51.83 0.56 0.00	40.42 0.51 0.00	34.89 0.45 0.00	34.54 0.56 0.00	41.26 0.72 0.00	37.45 0.62 0.00	43.92 0.61 0.00	43.99 0.51 0.00	51.27 0.63 0.00	54.52 0.76 0.00	54.90 0.68 0.00	47.61 0.81 0.00	39.18 0.77 0.00	39.84 0.79 0.00	40.09 0.77 0.00	35.29 0.67 0.00	34.27 0.58 0.00
ALTONA_WT_PWR 323606	48.26 1.26 0.00	39.18 1.00 0.00	35.13 0.63 0.00	37.39 0.63 0.00	39.44 0.78 0.00	36.61 0.67 0.00	47.72 0.87 0.00	52.32 1.05 0.00	40.63 0.73 0.00	35.08 0.65 0.00	34.19 0.22 0.00	40.48 -0.06 0.00	36.85 0.02 0.00	43.41 0.10 0.00	43.85 0.37 0.00	50.91 0.28 0.00	54.00 0.23 0.00	54.36 0.14 0.00	46.08 -0.72 0.00	37.45 -0.95 0.00	38.01 -1.04 0.00	38.46 -0.86 0.00	34.17 -0.45 0.00	33.43 -0.26 0.00
AMERICAN_REF_FUEL 24010	43.47 -3.53 0.00	34.99 -3.19 0.00	31.14 -3.36 0.00	33.19 -3.57 0.00	34.88 -3.78 0.00	31.09 -4.60 0.24	40.22 -6.58 0.05	44.28 -6.98 0.00	34.84 -5.07 0.00	30.34 -4.09 0.00	30.21 -3.77 0.00	36.30 -4.24 0.00	33.04 -3.79 0.00	38.95 -4.36 0.00	39.31 -4.17 0.00	45.49 -5.14 0.00	47.95 -5.81 0.00	48.89 -5.33 0.00	41.67 -5.13 0.00	34.49 -3.91 0.00	34.68 -4.38 0.00	34.73 -4.59 0.00	30.36 -4.26 0.00	29.80 -3.89 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	44.21 -2.80 0.00	35.40 -2.79 0.00	31.32 -3.18 0.00	33.24 -3.51 0.00	34.82 -3.85 0.00	31.05 -4.58 0.31	40.46 -6.33 0.06	44.68 -6.59 0.00	34.80 -5.10 0.00	30.10 -4.34 0.00	30.10 -3.87 0.00	36.36 -4.18 0.00	33.05 -3.78 0.00	39.07 -4.24 0.00	39.21 -4.27 0.00	45.63 -5.01 0.00	48.15 -5.62 0.00	49.18 -5.04 0.00	42.19 -4.61 0.00	34.79 -3.62 0.00	35.14 -3.91 0.00	35.43 -3.90 0.00	31.09 -3.53 0.00	30.31 -3.37 0.00
ARTHUR KILL_GT_1 23520	49.51 2.50 0.00	40.21 2.02 0.00	36.45 1.95 0.00	38.85 2.09 0.00	40.85 2.19 0.00	38.25 2.32 0.00	50.03 3.18 0.00	54.90 3.63 0.00	42.65 2.75 0.00	36.88 2.45 0.00	36.62 2.64 -0.01	43.73 3.19 0.00	39.77 2.94 -0.01	46.44 3.13 0.00	46.41 2.93 0.00	53.94 3.30 0.00	57.37 3.61 0.00	57.63 3.41 0.00	50.25 3.45 0.00	41.30 2.89 0.00	41.98 2.93 0.00	42.28 2.96 0.00	37.07 2.45 0.00	35.86 2.17 0.00
ARTHUR_KILL_2 23512	49.39 2.39 0.00	40.11 1.92 0.00	36.37 1.87 0.00	38.76 2.01 0.00	40.76 2.10 0.00	38.16 2.22 0.00	49.91 3.06 0.00	54.77 3.50 0.00	42.54 2.63 0.00	36.80 2.36 0.00	36.54 2.56 -0.01	43.65 3.11 0.00	39.70 2.87 -0.01	46.35 3.03 0.00	46.31 2.83 0.00	53.80 3.16 0.00	57.22 3.45 0.00	57.45 3.24 0.00	50.11 3.31 0.00	41.19 2.78 0.00	41.86 2.81 0.00	42.17 2.85 0.00	36.97 2.35 0.00	35.78 2.09 0.00
ARTHUR_KILL_3 23513	48.94 1.93 0.00	39.73 1.54 0.00	36.01 1.50 0.00	38.38 1.62 0.00	40.36 1.70 0.00	37.78 1.85 0.00	49.46 2.61 0.00	54.27 3.00 0.00	42.16 2.25 0.00	36.54 2.11 0.00	36.32 2.34 -0.01	43.46 2.92 0.00	39.46 2.62 -0.01	46.12 2.81 0.00	46.04 2.56 0.00	53.48 2.85 0.00	56.95 3.20 0.00	57.25 3.03 0.00	49.79 2.99 0.00	40.91 2.51 0.00	41.59 2.54 0.00	41.91 2.58 0.00	36.74 2.13 0.00	35.55 1.87 0.00

ARTHUR_KILL_COGEN 323718	49.50 2.50 0.00	40.21 2.02 0.00	36.45 1.95 0.00	38.85 2.09 0.00	40.85 2.19 0.00	38.25 2.32 0.00	50.04 3.19 0.00	54.90 3.63 0.00	42.65 2.74 0.00	36.89 2.45 0.00	36.63 2.65 -0.01	43.73 3.19 0.00	39.77 2.94 -0.01	46.42 3.11 0.00	46.42 2.94 0.00	53.94 3.31 0.00	57.37 3.61 0.00	57.63 3.41 0.00	50.26 3.45 0.00	41.30 2.89 0.00	41.98 2.93 0.00	42.28 2.96 0.00	37.06 2.44 0.00	35.86 2.17 0.00
ASHOKAN____ 23654	48.25 1.25 0.00	39.27 1.08 0.00	35.61 1.10 0.00	37.93 1.17 0.00	39.93 1.27 0.00	37.37 1.43 0.00	48.79 1.94 0.00	53.46 2.19 0.00	41.60 1.69 0.00	35.85 1.41 0.00	35.29 1.32 0.00	42.17 1.63 0.00	38.21 1.38 0.00	44.78 1.47 0.00	44.68 1.20 0.00	52.48 1.85 0.00	56.01 2.25 0.00	56.53 2.31 0.00	49.02 2.22 0.00	40.28 1.87 0.00	40.91 1.86 0.00	41.09 1.77 0.00	36.03 1.41 0.00	34.89 1.21 0.00
ASTORIA_EAST_ENERGY_CC1 323581	49.01 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.91 1.97 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.35 2.45 0.00	36.74 2.30 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.54 2.71 0.00	46.15 2.84 0.00	46.08 2.60 0.00	53.61 2.97 0.00	57.06 3.30 0.00	57.27 3.06 0.00	49.83 3.02 0.00	40.98 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.78 2.16 0.00	35.59 1.90 0.00
ASTORIA_EAST_ENERGY_CC2 323582	48.98 1.98 0.00	39.80 1.62 0.00	36.12 1.61 0.00	38.44 1.69 0.00	40.39 1.72 0.00	37.90 1.96 0.00	49.56 2.71 0.00	54.46 3.19 0.00	42.33 2.42 0.00	36.73 2.30 0.00	36.46 2.47 -0.01	43.52 2.98 0.00	39.52 2.69 0.00	46.13 2.82 0.00	46.06 2.58 0.00	53.58 2.95 0.00	57.04 3.28 0.00	57.25 3.03 0.00	49.80 3.00 0.00	40.96 2.55 0.00	41.68 2.62 0.00	41.96 2.64 0.00	36.77 2.15 0.00	35.58 1.89 0.00
ASTORIA_GT2_1 24094	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT2_2 24095	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT2_3 24096	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT2_4 24097	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT3_1 24098	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT3_2 24099	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT3_3 24100	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT3_4 24101	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT4_1 24102	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT4_2 24103	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT4_3 24104	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00

ASTORIA_GT4_4 24105	49.02 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.92 1.98 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.38 2.47 0.00	36.73 2.29 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.55 2.71 -0.01	46.16 2.84 0.00	46.08 2.60 0.00	53.60 2.97 0.00	57.06 3.30 0.00	57.28 3.06 0.00	49.82 3.02 0.00	40.97 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
ASTORIA_GT_1 23523	49.09 2.09 0.00	39.88 1.69 0.00	36.18 1.67 0.00	38.52 1.76 0.00	40.47 1.80 0.00	37.97 2.04 0.00	49.66 2.81 0.00	54.58 3.31 0.00	42.46 2.55 0.00	36.80 2.36 0.00	36.53 2.55 -0.01	43.62 3.08 0.00	39.62 2.79 -0.01	46.24 2.93 0.00	46.18 2.70 0.00	53.72 3.09 0.00	57.18 3.42 0.00	57.40 3.18 0.00	49.93 3.13 0.00	41.07 2.66 0.00	41.76 2.71 0.00	42.05 2.73 0.00	36.86 2.24 0.00	35.65 1.95 0.00
ASTORIA_GT_10 24110	49.08 2.07 0.00	39.87 1.68 0.00	36.14 1.64 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.92 1.98 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.34 2.43 0.00	36.67 2.23 0.00	36.44 2.46 -0.01	43.57 3.03 0.00	39.58 2.75 -0.01	46.23 2.92 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.08 3.32 0.00	57.30 3.08 0.00	49.86 3.06 0.00	41.00 2.59 0.00	41.70 2.65 0.00	42.01 2.69 0.00	36.84 2.22 0.00	35.66 1.97 0.00
ASTORIA_GT_11 24225	49.08 2.07 0.00	39.87 1.68 0.00	36.14 1.64 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.92 1.98 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.34 2.43 0.00	36.67 2.23 0.00	36.44 2.46 -0.01	43.57 3.03 0.00	39.58 2.75 -0.01	46.23 2.92 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.08 3.32 0.00	57.30 3.08 0.00	49.86 3.06 0.00	41.00 2.59 0.00	41.70 2.65 0.00	42.01 2.69 0.00	36.84 2.22 0.00	35.66 1.97 0.00
ASTORIA_GT_12 24226	49.08 2.07 0.00	39.87 1.68 0.00	36.14 1.64 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.92 1.98 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.34 2.43 0.00	36.67 2.23 0.00	36.44 2.46 -0.01	43.57 3.03 0.00	39.58 2.75 -0.01	46.23 2.92 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.08 3.32 0.00	57.30 3.08 0.00	49.86 3.06 0.00	41.00 2.59 0.00	41.70 2.65 0.00	42.01 2.69 0.00	36.84 2.22 0.00	35.66 1.97 0.00
ASTORIA_GT_13 24227	49.08 2.07 0.00	39.87 1.68 0.00	36.14 1.64 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.92 1.98 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.34 2.43 0.00	36.67 2.23 0.00	36.44 2.46 -0.01	43.57 3.03 0.00	39.58 2.75 -0.01	46.23 2.92 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.08 3.32 0.00	57.30 3.08 0.00	49.86 3.06 0.00	41.00 2.59 0.00	41.70 2.65 0.00	42.01 2.69 0.00	36.84 2.22 0.00	35.66 1.97 0.00
ASTORIA_GT_5 24106	49.09 2.09 0.00	39.88 1.69 0.00	36.18 1.67 0.00	38.52 1.76 0.00	40.47 1.80 0.00	37.97 2.04 0.00	49.66 2.81 0.00	54.58 3.31 0.00	42.46 2.55 0.00	36.80 2.36 0.00	36.53 2.55 -0.01	43.62 3.08 0.00	39.62 2.79 -0.01	46.24 2.93 0.00	46.18 2.70 0.00	53.72 3.09 0.00	57.18 3.42 0.00	57.40 3.18 0.00	49.93 3.13 0.00	41.07 2.66 0.00	41.76 2.71 0.00	42.05 2.73 0.00	36.86 2.24 0.00	35.65 1.95 0.00
ASTORIA_GT_7 24107	49.09 2.09 0.00	39.88 1.69 0.00	36.18 1.67 0.00	38.52 1.76 0.00	40.47 1.80 0.00	37.97 2.04 0.00	49.66 2.81 0.00	54.58 3.31 0.00	42.46 2.55 0.00	36.80 2.36 0.00	36.53 2.55 -0.01	43.62 3.08 0.00	39.62 2.79 -0.01	46.24 2.93 0.00	46.18 2.70 0.00	53.72 3.09 0.00	57.18 3.42 0.00	57.40 3.18 0.00	49.93 3.13 0.00	41.07 2.66 0.00	41.76 2.71 0.00	42.05 2.73 0.00	36.86 2.24 0.00	35.65 1.95 0.00
ASTORIA_GT_8 24108	49.09 2.09 0.00	39.88 1.69 0.00	36.18 1.67 0.00	38.52 1.76 0.00	40.47 1.80 0.00	37.97 2.04 0.00	49.66 2.81 0.00	54.58 3.31 0.00	42.46 2.55 0.00	36.80 2.36 0.00	36.53 2.55 -0.01	43.62 3.08 0.00	39.62 2.79 -0.01	46.24 2.93 0.00	46.18 2.70 0.00	53.72 3.09 0.00	57.18 3.42 0.00	57.40 3.18 0.00	49.93 3.13 0.00	41.07 2.66 0.00	41.76 2.71 0.00	42.05 2.73 0.00	36.86 2.24 0.00	35.65 1.95 0.00
ASTORIA___2 24149	49.01 2.01 0.00	39.81 1.63 0.00	36.12 1.62 0.00	38.45 1.69 0.00	40.40 1.74 0.00	37.91 1.97 0.00	49.59 2.74 0.00	54.48 3.21 0.00	42.35 2.45 0.00	36.74 2.30 0.00	36.46 2.48 -0.01	43.54 3.00 0.00	39.54 2.71 0.00	46.15 2.84 0.00	46.08 2.60 0.00	53.61 2.97 0.00	57.06 3.30 0.00	57.27 3.06 0.00	49.83 3.02 0.00	40.98 2.57 0.00	41.68 2.63 0.00	41.97 2.64 0.00	36.78 2.16 0.00	35.59 1.90 0.00
ASTORIA___3 23516	49.08 2.08 0.00	39.87 1.68 0.00	36.14 1.64 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.91 1.98 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.32 2.42 0.00	36.68 2.24 0.00	36.44 2.46 -0.01	43.56 3.02 0.00	39.58 2.75 -0.01	46.21 2.91 0.00	46.16 2.68 0.00	53.64 3.01 0.00	57.08 3.32 0.00	57.30 3.08 0.00	49.86 3.06 0.00	41.00 2.59 0.00	41.70 2.65 0.00	42.02 2.69 0.00	36.84 2.22 0.00	35.66 1.97 0.00
ASTORIA___4 23517	49.08 2.07 0.00	39.87 1.68 0.00	36.14 1.64 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.92 1.98 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.34 2.43 0.00	36.67 2.23 0.00	36.44 2.46 -0.01	43.57 3.03 0.00	39.58 2.75 -0.01	46.23 2.92 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.08 3.32 0.00	57.30 3.08 0.00	49.86 3.06 0.00	41.00 2.59 0.00	41.70 2.65 0.00	42.01 2.69 0.00	36.84 2.22 0.00	35.66 1.97 0.00
ASTORIA___5 23518	49.08 2.08 0.00	39.87 1.68 0.00	36.14 1.64 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.91 1.98 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.32 2.42 0.00	36.68 2.24 0.00	36.44 2.46 -0.01	43.56 3.02 0.00	39.58 2.75 -0.01	46.21 2.91 0.00	46.16 2.68 0.00	53.64 3.00 0.00	57.08 3.32 0.00	57.30 3.08 0.00	49.86 3.06 0.00	41.00 2.59 0.00	41.70 2.65 0.00	42.02 2.69 0.00	36.84 2.22 0.00	35.66 1.97 0.00
AST_ENERGY_2_CC3 323677	49.07 2.07 0.00	39.83 1.64 0.00	36.09 1.59 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.87 1.93 0.00	49.58 2.73 0.00	54.41 3.15 0.00	42.28 2.38 0.00	36.65 2.21 0.00	36.41 2.43 -0.01	43.57 3.03 0.00	39.56 2.73 -0.01	46.24 2.92 0.00	46.18 2.70 0.00	53.67 3.04 0.00	57.15 3.38 0.00	57.45 3.23 0.00	49.93 3.13 0.00	41.03 2.63 0.00	41.71 2.66 0.00	41.97 2.64 0.00	36.78 2.16 0.00	35.59 1.90 0.00
AST_ENERGY_2_CC4 323678	49.07 2.07 0.00	39.83 1.64 0.00	36.09 1.59 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.87 1.93 0.00	49.58 2.73 0.00	54.41 3.15 0.00	42.28 2.38 0.00	36.65 2.21 0.00	36.41 2.43 -0.01	43.57 3.03 0.00	39.56 2.73 -0.01	46.24 2.92 0.00	46.18 2.70 0.00	53.67 3.04 0.00	57.15 3.38 0.00	57.45 3.23 0.00	49.93 3.13 0.00	41.03 2.63 0.00	41.71 2.66 0.00	41.97 2.64 0.00	36.78 2.16 0.00	35.59 1.90 0.00

ATHENS_STG_1 23668	47.72 0.72 0.00	38.81 0.62 0.00	35.17 0.67 0.00	37.50 0.74 0.00	39.42 0.76 0.00	36.77 0.84 0.00	48.00 1.14 0.00	52.51 1.24 0.00	40.86 0.95 0.00	35.31 0.87 0.00	34.98 1.01 0.00	41.85 1.30 0.00	37.98 1.15 0.00	44.52 1.21 0.00	44.56 1.08 0.00	51.89 1.25 0.00	55.19 1.43 0.00	55.56 1.34 0.00	48.20 1.40 0.00	39.64 1.23 0.00	40.29 1.24 0.00	40.57 1.25 0.00	35.65 1.03 0.00	34.58 0.90 0.00
ATHENS_STG_2 23670	47.72 0.72 0.00	38.81 0.62 0.00	35.17 0.67 0.00	37.50 0.74 0.00	39.42 0.76 0.00	36.77 0.84 0.00	48.00 1.14 0.00	52.51 1.24 0.00	40.86 0.95 0.00	35.31 0.87 0.00	34.98 1.01 0.00	41.85 1.30 0.00	37.98 1.15 0.00	44.52 1.21 0.00	44.56 1.08 0.00	51.89 1.25 0.00	55.19 1.43 0.00	55.56 1.34 0.00	48.20 1.40 0.00	39.64 1.23 0.00	40.29 1.24 0.00	40.57 1.25 0.00	35.65 1.03 0.00	34.58 0.90 0.00
ATHENS_STG_3 23677	47.72 0.72 0.00	38.81 0.62 0.00	35.17 0.67 0.00	37.50 0.74 0.00	39.42 0.76 0.00	36.77 0.84 0.00	48.00 1.14 0.00	52.51 1.24 0.00	40.86 0.95 0.00	35.31 0.87 0.00	34.98 1.01 0.00	41.85 1.30 0.00	37.98 1.15 0.00	44.52 1.21 0.00	44.56 1.08 0.00	51.89 1.25 0.00	55.19 1.43 0.00	55.56 1.34 0.00	48.20 1.40 0.00	39.64 1.23 0.00	40.29 1.24 0.00	40.57 1.25 0.00	35.65 1.03 0.00	34.58 0.90 0.00
AUBURN___LFGE 323710	46.52 -0.48 0.00	37.64 -0.55 0.00	34.04 -0.46 0.00	36.30 -0.45 0.00	38.07 -0.59 0.00	35.54 -0.53 -0.13	46.36 -0.51 -0.03	50.66 -0.60 0.00	39.21 -0.70 0.00	33.87 -0.57 0.00	33.39 -0.58 0.00	40.04 -0.50 0.00	36.47 -0.36 0.00	42.93 -0.38 0.00	43.11 -0.37 0.00	50.23 -0.40 0.00	53.35 -0.41 0.00	53.94 -0.28 0.00	46.55 -0.25 0.00	38.23 -0.17 0.00	38.61 -0.44 0.00	38.85 -0.47 0.00	34.02 -0.60 0.00	33.14 -0.54 0.00
BABYLON_RES_REC 323704	48.93 1.93 0.00	39.51 1.33 0.00	35.94 1.44 0.00	38.39 1.63 0.00	40.25 1.59 0.00	37.74 1.81 0.00	49.74 2.89 0.00	54.63 3.36 0.00	42.09 2.19 0.00	36.55 2.12 0.00	36.51 2.54 0.00	43.64 3.10 0.00	45.14 2.70 -5.61	45.84 2.53 0.00	45.85 2.37 0.00	53.61 2.97 0.00	64.57 3.53 -7.28	86.90 3.48 -29.20	59.69 3.30 -9.59	41.19 2.78 0.00	41.86 2.81 0.00	42.11 2.79 0.00	36.93 2.31 0.00	35.76 2.07 0.00
BALL_HILL_WT_PWR 323825	44.38 -2.62 0.00	35.64 -2.55 0.00	31.69 -2.81 0.00	33.72 -3.04 0.00	35.37 -3.29 0.00	31.70 -3.96 0.28	41.32 -5.48 0.05	45.45 -5.82 0.00	35.47 -4.44 0.00	30.76 -3.67 0.00	30.72 -3.25 0.00	37.03 -3.51 0.00	33.64 -3.19 0.00	39.69 -3.62 0.00	39.92 -3.56 0.00	46.29 -4.34 0.00	48.85 -4.91 0.00	49.82 -4.40 0.00	42.69 -4.11 0.00	35.23 -3.18 0.00	35.51 -3.54 0.00	35.61 -3.72 0.00	31.23 -3.40 0.00	30.54 -3.15 0.00
BARON_WINDS___WT_PWR 323822	44.88 -2.12 0.00	36.08 -2.10 0.00	32.19 -2.31 0.00	34.19 -2.56 0.00	35.81 -2.85 0.00	32.20 -3.20 0.54	42.28 -4.47 0.10	46.22 -5.05 0.00	35.83 -4.08 0.00	30.76 -3.68 0.00	30.59 -3.38 0.00	36.92 -3.62 0.00	33.63 -3.20 0.00	39.62 -3.69 0.00	40.03 -3.45 0.00	46.33 -4.31 0.00	49.00 -4.76 0.00	49.87 -4.35 0.00	42.99 -3.81 0.00	35.38 -3.03 0.00	35.83 -3.22 0.00	35.74 -3.58 0.00	31.43 -3.19 0.00	30.75 -2.94 0.00
BARRETT_IC_1 23704	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_10 23701	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_11 23702	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_12 23703	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_2 23705	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_3 23706	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_4 23707	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_5 23708	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00

BARRETT_IC_6 23709	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_7 23710	48.61 1.61 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.76 1.85 0.00	36.34 1.91 0.00	36.29 2.32 0.00	43.43 2.89 0.00	44.37 2.50 -5.04	45.76 2.44 0.00	45.68 2.20 0.00	53.18 2.55 0.00	63.27 2.92 -6.59	83.51 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_8 23711	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT_IC_9 23700	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT___1 23545	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BARRETT___2 23546	48.61 1.60 0.00	39.42 1.23 0.00	35.82 1.32 0.00	38.23 1.48 0.00	40.03 1.37 0.00	37.37 1.44 0.00	49.19 2.34 0.00	53.99 2.73 0.00	41.75 1.84 0.00	36.35 1.91 0.00	36.29 2.31 0.00	43.43 2.89 0.00	44.35 2.48 -5.04	45.75 2.44 0.00	45.68 2.20 0.00	53.18 2.54 0.00	63.27 2.92 -6.59	83.50 2.84 -26.45	58.24 2.75 -8.69	40.75 2.34 0.00	41.44 2.39 0.00	41.78 2.46 0.00	36.71 2.10 0.00	35.57 1.88 0.00
BATAVIA__115KV_TB1 55881	45.46 -1.54 0.00	36.63 -1.56 0.00	32.66 -1.85 0.00	34.78 -1.98 0.00	36.59 -2.08 0.00	32.97 -2.77 0.20	42.94 -3.87 0.04	47.30 -3.97 0.00	37.03 -2.87 0.00	32.02 -2.41 0.00	31.62 -2.35 0.00	38.12 -2.42 0.00	34.90 -1.93 0.00	41.26 -2.05 0.00	41.67 -1.81 0.00	48.25 -2.38 0.00	50.92 -2.84 0.00	51.90 -2.32 0.00	44.34 -2.46 0.00	36.59 -1.82 0.00	36.81 -2.24 0.00	36.78 -2.55 0.00	32.12 -2.50 0.00	31.42 -2.27 0.00
BAYONEEC___CTG1 323682	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00
BAYONEEC___CTG10 323750	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00
BAYONEEC___CTG2 323683	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00
BAYONEEC___CTG3 323684	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00
BAYONEEC___CTG4 323685	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00
BAYONEEC___CTG5 323686	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00
BAYONEEC___CTG6 323687	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00
BAYONEEC___CTG7 323688	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00

BAYONEEC___CTG8 323689	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00
BAYONEEC___CTG9 323749	49.06 2.06 0.00	39.81 1.62 0.00	36.08 1.58 0.00	38.46 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.19 0.00	36.39 2.41 -0.01	43.56 3.01 0.00	39.54 2.70 -0.01	46.22 2.91 0.00	46.16 2.67 0.00	53.64 3.00 0.00	57.11 3.35 0.00	57.40 3.18 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.68 2.63 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.94 0.00
BEACON___LESR 323632	47.35 0.35 0.00	38.61 0.43 0.00	35.09 0.59 0.00	37.31 0.56 0.00	39.27 0.61 0.00	36.78 0.84 0.00	47.83 0.98 0.00	52.16 0.89 0.00	40.74 0.84 0.00	35.12 0.69 0.00	34.76 0.79 0.00	41.63 1.10 0.00	37.71 0.88 0.00	44.33 1.02 0.00	44.33 0.85 0.00	51.64 1.00 0.00	55.07 1.31 0.00	55.36 1.14 0.00	48.05 1.25 0.00	39.60 1.20 0.00	40.22 1.17 0.00	40.47 1.15 0.00	35.65 1.03 0.00	34.59 0.90 0.00
BEAVER RIVER___HYD 24048	48.25 1.25 0.00	39.09 0.90 0.00	35.09 0.59 0.00	37.41 0.65 0.00	39.30 0.63 0.00	36.47 0.53 0.00	47.75 0.90 0.00	52.03 0.76 0.00	40.29 0.38 0.00	34.16 -0.28 0.00	33.06 -0.91 0.00	38.91 -1.63 0.00	35.19 -1.64 0.00	42.10 -1.21 0.00	42.88 -0.60 0.00	49.84 -0.80 0.00	52.93 -0.83 0.00	53.30 -0.92 0.00	45.80 -1.00 0.00	37.50 -0.90 0.00	38.10 -0.95 0.00	38.43 -0.89 0.00	33.94 -0.68 0.00	32.97 -0.72 0.00
BEEBEE_GT_13 23619	45.42 -1.58 0.00	36.67 -1.52 0.00	32.85 -1.65 0.00	35.00 -1.76 0.00	36.81 -1.85 0.00	33.58 -2.22 0.13	43.81 -3.01 0.03	48.13 -3.14 0.00	37.66 -2.25 0.00	32.58 -1.85 0.00	32.26 -1.71 0.00	38.79 -1.75 0.00	35.31 -1.52 0.00	41.60 -1.71 0.00	41.87 -1.61 0.00	48.61 -2.03 0.00	51.48 -2.28 0.00	52.29 -1.93 0.00	44.80 -2.00 0.00	36.91 -1.49 0.00	37.23 -1.82 0.00	37.26 -2.06 0.00	32.63 -1.99 0.00	31.86 -1.83 0.00
BENSHRST_27_KV_BENSHRST_1 355998	49.56 2.56 0.00	40.23 2.04 0.00	36.45 1.95 0.00	38.85 2.09 0.00	40.84 2.18 0.00	38.25 2.31 0.00	50.07 3.22 0.00	54.99 3.72 0.00	42.75 2.84 0.00	37.00 2.56 0.00	36.76 2.78 -0.01	43.97 3.43 0.00	39.95 3.11 -0.01	46.66 3.35 0.00	46.60 3.11 0.00	54.16 3.53 0.00	57.62 3.86 0.00	57.92 3.70 0.00	50.40 3.59 0.00	41.43 3.02 0.00	42.10 3.05 0.00	42.40 3.08 0.00	37.16 2.54 0.00	35.94 2.25 0.00
BETHLEHEM___GRP 23843	46.50 -0.50 0.00	37.97 -0.21 0.00	34.58 0.08 0.00	36.72 -0.04 0.00	38.63 -0.04 0.00	36.15 0.21 0.00	46.90 0.05 0.00	51.17 -0.09 0.00	40.02 0.11 0.00	34.59 0.16 0.00	34.25 0.28 0.00	40.86 0.32 0.00	37.12 0.30 0.00	43.50 0.19 0.00	43.53 0.05 0.00	50.72 0.08 0.00	53.96 0.20 0.00	54.28 0.06 0.00	47.11 0.31 0.00	38.84 0.43 0.00	39.48 0.43 0.00	39.73 0.40 0.00	35.04 0.42 0.00	34.06 0.37 0.00
BETHLEHEM___GS1 323560	46.50 -0.50 0.00	37.97 -0.21 0.00	34.58 0.08 0.00	36.72 -0.04 0.00	38.63 -0.04 0.00	36.14 0.21 0.00	46.90 0.05 0.00	51.17 -0.09 0.00	40.02 0.11 0.00	34.60 0.17 0.00	34.25 0.28 0.00	40.85 0.31 0.00	37.12 0.29 0.00	43.50 0.19 0.00	43.53 0.05 0.00	50.72 0.08 0.00	53.96 0.20 0.00	54.28 0.06 0.00	47.11 0.31 0.00	38.84 0.44 0.00	39.48 0.43 0.00	39.73 0.40 0.00	35.04 0.42 0.00	34.06 0.37 0.00
BETHLEHEM___GS2 323561	46.50 -0.50 0.00	37.97 -0.21 0.00	34.58 0.08 0.00	36.72 -0.04 0.00	38.63 -0.04 0.00	36.14 0.21 0.00	46.90 0.05 0.00	51.17 -0.09 0.00	40.02 0.11 0.00	34.60 0.17 0.00	34.25 0.28 0.00	40.85 0.31 0.00	37.12 0.29 0.00	43.50 0.19 0.00	43.53 0.05 0.00	50.72 0.08 0.00	53.96 0.20 0.00	54.28 0.06 0.00	47.11 0.31 0.00	38.84 0.44 0.00	39.48 0.43 0.00	39.73 0.40 0.00	35.04 0.42 0.00	34.06 0.37 0.00
BETHLEHEM___GS3 323562	46.50 -0.50 0.00	37.97 -0.21 0.00	34.58 0.08 0.00	36.72 -0.04 0.00	38.63 -0.04 0.00	36.14 0.21 0.00	46.90 0.05 0.00	51.17 -0.09 0.00	40.02 0.11 0.00	34.60 0.17 0.00	34.25 0.28 0.00	40.85 0.31 0.00	37.12 0.29 0.00	43.50 0.19 0.00	43.53 0.05 0.00	50.72 0.08 0.00	53.96 0.20 0.00	54.28 0.06 0.00	47.11 0.31 0.00	38.84 0.44 0.00	39.48 0.43 0.00	39.73 0.40 0.00	35.04 0.42 0.00	34.06 0.37 0.00
BETHLEHEM___STEEL 23779	44.51 -2.49 0.00	35.76 -2.42 0.00	31.83 -2.67 0.00	33.88 -2.87 0.00	35.60 -3.07 0.00	31.86 -3.79 0.28	41.47 -5.32 0.06	45.56 -5.71 0.00	35.63 -4.27 0.00	30.97 -3.47 0.00	30.88 -3.10 0.00	37.16 -3.37 0.00	33.79 -3.04 0.00	39.87 -3.44 0.00	40.23 -3.25 0.00	46.60 -4.04 0.00	49.16 -4.60 0.00	50.13 -4.09 0.00	42.88 -3.92 0.00	35.42 -2.99 0.00	35.64 -3.41 0.00	35.66 -3.66 0.00	31.23 -3.40 0.00	30.59 -3.09 0.00
BETHLHEM_115KV_TB1 79974	46.68 -0.32 0.00	38.09 -0.10 0.00	34.67 0.17 0.00	36.83 0.08 0.00	38.74 0.08 0.00	36.23 0.29 0.00	47.03 0.18 0.00	51.34 0.08 0.00	40.13 0.22 0.00	34.67 0.23 0.00	34.33 0.35 0.00	40.96 0.42 0.00	37.22 0.39 0.00	43.62 0.31 0.00	43.66 0.18 0.00	50.86 0.23 0.00	54.11 0.35 0.00	54.45 0.23 0.00	47.25 0.44 0.00	38.93 0.52 0.00	39.58 0.53 0.00	39.83 0.51 0.00	35.11 0.49 0.00	34.12 0.43 0.00
BETHPAGE_CC_5 323564	48.81 1.80 0.00	39.42 1.24 0.00	35.84 1.33 0.00	38.26 1.50 0.00	40.12 1.46 0.00	37.58 1.64 0.00	49.44 2.59 0.00	54.28 3.02 0.00	41.91 2.01 0.00	36.42 1.98 0.00	36.37 2.39 0.00	43.48 2.94 0.00	45.35 2.58 -5.94	45.74 2.43 0.00	45.73 2.25 0.00	53.38 2.75 0.00	64.69 3.21 -7.72	88.32 3.13 -30.97	60.01 3.03 -10.17	40.98 2.57 0.00	41.63 2.58 0.00	41.92 2.60 0.00	36.79 2.17 0.00	35.63 1.94 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	44.62 -2.38 0.00	35.86 -2.33 0.00	31.91 -2.60 0.00	33.97 -2.79 0.00	35.68 -2.98 0.00	31.94 -3.71 0.29	41.61 -5.19 0.06	45.68 -5.58 0.00	35.72 -4.19 0.00	31.04 -3.40 0.00	30.95 -3.02 0.00	37.26 -3.28 0.00	33.87 -2.96 0.00	39.96 -3.35 0.00	40.32 -3.16 0.00	46.72 -3.92 0.00	49.28 -4.48 0.00	50.24 -3.98 0.00	43.00 -3.81 0.00	35.50 -2.90 0.00	35.73 -3.32 0.00	35.76 -3.57 0.00	31.31 -3.31 0.00	30.67 -3.02 0.00
BINGHAMTON___COGEN 23790	46.73 -0.28 0.00	37.87 -0.32 0.00	34.15 -0.35 0.00	36.41 -0.35 0.00	38.28 -0.38 0.00	35.39 -0.45 0.10	46.36 -0.48 0.01	50.73 -0.54 0.00	39.43 -0.48 0.00	34.01 -0.43 0.00	33.61 -0.36 0.00	40.22 -0.32 0.00	36.56 -0.27 0.00	43.04 -0.27 0.00	43.19 -0.30 0.00	50.25 -0.38 0.00	53.38 -0.38 0.00	53.94 -0.28 0.00	46.58 -0.23 0.00	38.28 -0.13 0.00	38.83 -0.22 0.00	39.00 -0.32 0.00	34.27 -0.34 0.00	33.35 -0.34 0.00

BIXINCNT_115KV_LOAD 355685	45.07 -1.94 0.00	36.18 -2.01 0.00	32.16 -2.34 0.00	34.06 -2.70 0.00	35.80 -2.86 0.00	31.95 -3.66 0.32	41.56 -5.23 0.06	45.12 -6.14 0.00	34.95 -4.96 0.00	30.30 -4.13 0.00	30.44 -3.54 0.00	36.73 -3.81 0.00	33.19 -3.64 0.00	39.24 -4.07 0.00	39.57 -3.91 0.00	46.14 -4.50 0.00	48.59 -5.17 0.00	49.34 -4.88 0.00	42.54 -4.26 0.00	35.08 -3.33 0.00	35.30 -3.75 0.00	35.47 -3.86 0.00	31.15 -3.47 0.00	30.51 -3.17 0.00
BLACK RIVER___HYD 24047	48.12 1.11 0.00	38.91 0.73 0.00	34.92 0.42 0.00	37.20 0.45 0.00	39.11 0.44 0.00	36.30 0.37 0.00	47.60 0.75 0.00	51.87 0.61 0.00	40.11 0.20 0.00	33.88 -0.56 0.00	32.67 -1.30 0.00	38.50 -2.03 0.00	34.67 -2.16 0.00	41.88 -1.43 0.00	42.76 -0.72 0.00	49.71 -0.92 0.00	52.82 -0.94 0.00	53.30 -0.92 0.00	45.84 -0.96 0.00	37.57 -0.84 0.00	38.07 -0.97 0.00	38.29 -1.03 0.00	33.76 -0.86 0.00	32.73 -0.96 0.00
BLACKRVR_115KV_TB2 79977	48.12 1.11 0.00	38.92 0.73 0.00	34.92 0.42 0.00	37.20 0.45 0.00	39.11 0.44 0.00	36.30 0.37 0.00	47.60 0.75 0.00	51.87 0.61 0.00	40.11 0.20 0.00	33.88 -0.56 0.00	32.67 -1.30 0.00	38.51 -2.03 0.00	34.67 -2.16 0.00	41.88 -1.43 0.00	42.76 -0.72 0.00	49.71 -0.92 0.00	52.82 -0.94 0.00	53.30 -0.92 0.00	45.84 -0.96 0.00	37.57 -0.84 0.00	38.07 -0.97 0.00	38.29 -1.03 0.00	33.76 -0.86 0.00	32.73 -0.96 0.00
BLDWN_LI_69_KV_BK4 356085	49.03 2.03 0.00	39.69 1.51 0.00	36.05 1.55 0.00	38.48 1.73 0.00	40.33 1.67 0.00	37.74 1.81 0.00	49.70 2.85 0.00	54.55 3.29 0.00	42.16 2.25 0.00	36.62 2.19 0.00	36.52 2.55 0.00	43.67 3.13 0.00	46.15 2.76 -6.57	46.02 2.71 0.00	46.01 2.53 0.00	53.67 3.03 0.00	65.83 3.50 -8.57	91.99 3.37 -34.40	61.42 3.32 -11.29	41.21 2.80 0.00	41.88 2.83 0.00	42.17 2.85 0.00	37.00 2.38 0.00	35.81 2.12 0.00
BLISS_WT_PWR 323608	45.06 -1.94 0.00	36.16 -2.02 0.00	32.13 -2.37 0.00	33.97 -2.78 0.00	35.71 -2.95 0.00	31.82 -3.79 0.32	41.29 -5.50 0.06	44.70 -6.56 0.00	34.58 -5.33 0.00	29.93 -4.51 0.00	30.14 -3.84 0.00	36.41 -4.13 0.00	32.85 -3.98 0.00	38.88 -4.43 0.00	39.21 -4.27 0.00	45.82 -4.82 0.00	48.19 -5.57 0.00	48.90 -5.32 0.00	42.22 -4.58 0.00	34.82 -3.59 0.00	35.03 -4.02 0.00	35.22 -4.10 0.00	30.97 -3.65 0.00	30.34 -3.35 0.00
BLUESTONE___WT_PWR 323821	48.79 1.79 0.00	39.21 1.03 0.00	35.02 0.52 0.00	37.45 0.69 0.00	39.40 0.73 0.00	36.08 0.02 -0.12	46.74 -0.14 -0.03	50.73 -0.54 0.00	39.33 -0.58 0.00	33.43 -1.00 0.00	32.88 -1.09 0.00	39.07 -1.46 0.00	35.68 -1.16 0.00	41.99 -1.32 0.00	42.19 -1.29 0.00	49.26 -1.37 0.00	52.77 -0.99 0.00	53.70 -0.52 0.00	45.87 -0.93 0.00	37.80 -0.61 0.00	38.28 -0.77 0.00	38.31 -1.02 0.00	33.85 -0.78 0.00	33.16 -0.53 0.00
BLUE_CIRC_CHEM_DRP 24182	47.34 0.34 0.00	38.59 0.41 0.00	35.05 0.54 0.00	37.30 0.55 0.00	39.25 0.58 0.00	36.62 0.69 0.00	47.50 0.65 0.00	51.81 0.55 0.00	40.48 0.58 0.00	34.94 0.50 0.00	34.59 0.62 0.00	41.24 0.70 0.00	37.43 0.60 0.00	43.90 0.59 0.00	43.93 0.45 0.00	51.26 0.62 0.00	54.55 0.79 0.00	54.92 0.70 0.00	47.62 0.82 0.00	39.21 0.80 0.00	39.86 0.81 0.00	40.11 0.79 0.00	35.32 0.70 0.00	34.33 0.64 0.00
BOC_GAS_DRP 24189	47.14 0.14 0.00	38.42 0.23 0.00	34.85 0.34 0.00	37.11 0.36 0.00	39.03 0.37 0.00	36.42 0.48 0.00	47.38 0.53 0.00	51.77 0.50 0.00	40.38 0.47 0.00	34.86 0.43 0.00	34.51 0.54 0.00	41.23 0.70 0.00	37.45 0.62 0.00	43.90 0.59 0.00	43.96 0.48 0.00	51.21 0.58 0.00	54.47 0.71 0.00	54.82 0.60 0.00	47.54 0.74 0.00	39.13 0.72 0.00	39.79 0.74 0.00	40.05 0.73 0.00	35.23 0.62 0.00	34.24 0.55 0.00
BOONVILLE_115KV_TB1 79983	48.05 1.05 0.00	38.99 0.80 0.00	35.15 0.64 0.00	37.47 0.72 0.00	39.39 0.72 0.00	36.65 0.72 0.00	47.96 1.11 0.00	52.33 1.06 0.00	40.61 0.70 0.00	34.74 0.30 0.00	33.93 -0.05 0.00	40.19 -0.35 0.00	36.57 -0.26 0.00	43.40 0.09 0.00	43.84 0.36 0.00	51.01 0.37 0.00	54.24 0.48 0.00	54.64 0.42 0.00	47.10 0.29 0.00	38.62 0.21 0.00	39.21 0.16 0.00	39.45 0.13 0.00	34.69 0.07 0.00	33.69 0.00 0.00
BORALEX_4TH_BRANCH 23824	47.70 0.70 0.00	39.02 0.84 0.00	35.47 0.97 0.00	37.91 1.16 0.00	39.89 1.23 0.00	37.33 1.40 0.00	48.43 1.58 0.00	52.62 1.35 0.00	41.11 1.21 0.00	35.33 0.90 0.00	34.99 1.02 0.00	41.95 1.41 0.00	37.97 1.15 0.00	44.64 1.33 0.00	44.70 1.22 0.00	52.19 1.56 0.00	55.52 1.76 0.00	55.72 1.50 0.00	48.51 1.71 0.00	40.06 1.66 0.00	40.86 1.81 0.00	41.08 1.76 0.00	36.12 1.50 0.00	35.06 1.37 0.00
BOWLINE___1 23526	48.53 1.53 0.00	39.40 1.21 0.00	35.68 1.18 0.00	38.06 1.31 0.00	40.02 1.36 0.00	37.41 1.47 0.00	48.96 2.11 0.00	53.69 2.42 0.00	41.67 1.76 0.00	36.07 1.63 0.00	35.82 1.85 0.00	42.91 2.37 0.00	38.97 2.14 0.00	45.61 2.30 0.00	45.53 2.05 0.00	52.98 2.35 0.00	56.42 2.66 0.00	56.80 2.58 0.00	49.33 2.53 0.00	40.54 2.13 0.00	41.21 2.15 0.00	41.54 2.22 0.00	36.43 1.81 0.00	35.25 1.57 0.00
BOWLINE___2 23595	48.52 1.51 0.00	39.39 1.20 0.00	35.67 1.17 0.00	38.05 1.30 0.00	40.01 1.35 0.00	37.39 1.46 0.00	48.96 2.11 0.00	53.69 2.42 0.00	41.67 1.76 0.00	36.07 1.63 0.00	35.82 1.85 0.00	42.91 2.37 0.00	38.94 2.11 0.00	45.58 2.27 0.00	45.51 2.03 0.00	52.97 2.33 0.00	56.40 2.64 0.00	56.78 2.57 0.00	49.32 2.52 0.00	40.53 2.12 0.00	41.20 2.15 0.00	41.52 2.20 0.00	36.42 1.80 0.00	35.25 1.57 0.00
BRADY___115KV_TB2 356060	49.35 2.34 0.00	39.99 1.81 0.00	35.95 1.45 0.00	38.27 1.52 0.00	40.32 1.65 0.00	37.38 1.45 0.00	48.80 1.95 0.00	53.49 2.22 0.00	41.53 1.62 0.00	35.79 1.35 0.00	35.10 1.13 0.00	41.46 0.92 0.00	37.71 0.88 0.00	44.22 0.91 0.00	44.99 1.51 0.00	52.37 1.73 0.00	55.36 1.59 0.00	55.87 1.65 0.00	47.79 0.99 0.00	39.04 0.64 0.00	39.77 0.73 0.00	40.26 0.93 0.00	35.69 1.07 0.00	34.76 1.07 0.00
BRANSCOMB___SOLAR 323811	48.13 1.13 0.00	39.30 1.11 0.00	35.68 1.18 0.00	38.06 1.30 0.00	40.02 1.35 0.00	37.43 1.49 0.00	48.74 1.88 0.00	53.11 1.84 0.00	41.34 1.43 0.00	35.53 1.09 0.00	35.10 1.13 0.00	42.12 1.58 0.00	38.02 1.19 0.00	44.87 1.56 0.00	45.04 1.56 0.00	52.51 1.88 0.00	56.01 2.25 0.00	56.29 2.08 0.00	48.88 2.08 0.00	40.16 1.76 0.00	40.71 1.66 0.00	40.90 1.58 0.00	35.96 1.34 0.00	34.90 1.21 0.00
BRDGHMPT_69_KV_BK1 55812	48.48 1.48 0.00	39.19 1.00 0.00	35.92 1.41 0.00	38.72 1.96 0.00	40.78 2.12 0.00	38.42 2.49 0.00	50.95 4.10 0.00	56.11 4.84 0.00	43.12 3.21 0.00	37.38 2.94 0.00	37.20 3.23 0.00	44.28 3.74 0.00	44.73 2.93 -4.97	45.81 2.50 0.00	45.45 1.97 0.00	52.96 2.33 0.00	63.31 3.12 -6.43	83.27 3.25 -25.80	58.32 3.05 -8.48	40.98 2.58 0.00	41.59 2.54 0.00	41.82 2.50 0.00	36.66 2.04 0.00	35.43 1.74 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	49.04 2.04 0.00	39.58 1.39 0.00	35.99 1.49 0.00	38.47 1.72 0.00	40.36 1.69 0.00	37.87 1.94 0.00	49.92 3.07 0.00	54.83 3.56 0.00	42.20 2.30 0.00	36.65 2.21 0.00	36.62 2.65 0.00	43.80 3.26 0.00	44.79 2.84 -5.12	45.96 2.65 0.00	46.00 2.52 0.00	53.77 3.14 0.00	64.11 3.71 -6.64	84.41 3.56 -26.63	58.94 3.40 -8.75	41.32 2.91 0.00	42.01 2.96 0.00	42.26 2.94 0.00	37.04 2.42 0.00	35.87 2.18 0.00
BRISTLHL_115KV_TB1 79998	45.46 -1.54 0.00	36.92 -1.27 0.00	33.35 -1.16 0.00	35.52 -1.24 0.00	37.36 -1.30 0.00	34.69 -1.24 0.00	45.26 -1.59 0.00	49.55 -1.72 0.00	38.59 -1.32 0.00	33.28 -1.16 0.00	32.80 -1.18 0.00	39.22 -1.32 0.00	35.69 -1.14 0.00	42.01 -1.30 0.00	42.20 -1.28 0.00	49.13 -1.50 0.00	52.12 -1.64 0.00	52.67 -1.55 0.00	45.44 -1.36 0.00	37.33 -1.07 0.00	37.87 -1.18 0.00	38.06 -1.26 0.00	33.45 -1.17 0.00	32.59 -1.10 0.00
BROOKHAVEN___DRP 24191	48.65 1.64 0.00	39.23 1.04 0.00	35.74 1.24 0.00	38.27 1.52 0.00	40.19 1.53 0.00	37.77 1.83 0.00	49.84 2.99 0.00	54.75 3.48 0.00	42.13 2.23 0.00	36.56 2.13 0.00	36.53 2.56 0.00	43.60 3.06 0.00	44.34 2.54 -4.97	45.64 2.33 0.00	45.64 2.16 0.00	53.20 2.56 0.00	63.44 3.25 -6.43	83.31 3.31 -25.78	58.38 3.11 -8.47	41.07 2.67 0.00	41.74 2.69 0.00	42.02 2.69 0.00	36.89 2.27 0.00	35.71 2.02 0.00
BROOKLYN_NAVY_YARD 23515	48.98 1.98 0.00	39.74 1.56 0.00	36.01 1.51 0.00	38.37 1.62 0.00	40.36 1.70 0.00	37.79 1.86 0.00	49.43 2.58 0.00	54.25 2.98 0.00	42.16 2.26 0.00	36.59 2.16 0.00	36.34 2.36 -0.01	43.50 2.96 0.00	39.50 2.67 -0.01	46.16 2.84 0.00	46.10 2.62 0.00	53.59 2.96 0.00	57.07 3.31 0.00	57.36 3.14 0.00	49.86 3.06 0.00	40.98 2.58 0.00	41.63 2.58 0.00	41.93 2.60 0.00	36.76 2.14 0.00	35.58 1.89 0.00
BROOKLYN___ARMY_DRP 323595	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
BROOME_2_LFGE 323671	46.73 -0.27 0.00	37.87 -0.31 0.00	34.15 -0.35 0.00	36.41 -0.35 0.00	38.28 -0.38 0.00	35.39 -0.45 0.10	46.35 -0.49 0.01	50.73 -0.53 0.00	39.43 -0.48 0.00	34.01 -0.43 0.00	33.61 -0.36 0.00	40.22 -0.32 0.00	36.56 -0.27 0.00	43.04 -0.28 0.00	43.19 -0.29 0.00	50.25 -0.38 0.00	53.38 -0.38 0.00	53.94 -0.28 0.00	46.58 -0.22 0.00	38.28 -0.13 0.00	38.84 -0.21 0.00	39.01 -0.32 0.00	34.27 -0.35 0.00	33.35 -0.34 0.00
BROOME___LFGE 323600	46.73 -0.27 0.00	37.87 -0.31 0.00	34.15 -0.35 0.00	36.41 -0.35 0.00	38.28 -0.38 0.00	35.39 -0.45 0.10	46.35 -0.49 0.01	50.73 -0.53 0.00	39.43 -0.48 0.00	34.01 -0.43 0.00	33.61 -0.36 0.00	40.22 -0.32 0.00	36.56 -0.27 0.00	43.04 -0.28 0.00	43.19 -0.29 0.00	50.25 -0.38 0.00	53.38 -0.38 0.00	53.94 -0.28 0.00	46.58 -0.22 0.00	38.28 -0.13 0.00	38.84 -0.21 0.00	39.01 -0.32 0.00	34.27 -0.35 0.00	33.35 -0.34 0.00
BROWNFLS_115KV_TB 3_5 80003	48.35 1.34 0.00	39.24 1.05 0.00	35.23 0.73 0.00	37.54 0.78 0.00	39.48 0.82 0.00	36.60 0.67 0.00	47.86 1.01 0.00	52.29 1.02 0.00	40.55 0.65 0.00	34.62 0.18 0.00	33.69 -0.28 0.00	39.69 -0.84 0.00	35.95 -0.88 0.00	42.72 -0.60 0.00	43.41 -0.07 0.00	50.41 -0.23 0.00	53.32 -0.45 0.00	53.66 -0.56 0.00	45.99 -0.81 0.00	37.62 -0.79 0.00	38.31 -0.74 0.00	38.79 -0.53 0.00	34.36 -0.26 0.00	33.42 -0.27 0.00
BROWNSV1_27_KV_LOAD 356125	49.43 2.43 0.00	40.10 1.92 0.00	36.33 1.83 0.00	38.72 1.97 0.00	40.71 2.05 0.00	38.12 2.18 0.00	49.94 3.09 0.00	54.83 3.56 0.00	42.61 2.71 0.00	36.92 2.49 0.00	36.69 2.72 -0.01	43.90 3.36 0.00	39.86 3.02 -0.01	46.58 3.27 0.00	46.53 3.05 0.00	54.08 3.45 0.00	57.59 3.83 0.00	57.92 3.70 0.00	50.32 3.52 0.00	41.37 2.96 0.00	42.02 2.97 0.00	42.33 3.00 0.00	37.10 2.48 0.00	35.89 2.20 0.00
BURROWS___LYONSDAL 23803	48.08 1.07 0.00	38.99 0.80 0.00	35.11 0.60 0.00	37.43 0.67 0.00	39.33 0.66 0.00	36.59 0.65 0.00	47.87 1.02 0.00	52.19 0.92 0.00	40.48 0.57 0.00	34.51 0.08 0.00	33.61 -0.36 0.00	39.74 -0.80 0.00	36.11 -0.72 0.00	42.93 -0.38 0.00	43.46 -0.02 0.00	50.56 -0.07 0.00	53.76 0.00 0.00	54.14 -0.07 0.00	46.64 -0.16 0.00	38.23 -0.17 0.00	38.82 -0.23 0.00	39.08 -0.24 0.00	34.40 -0.22 0.00	33.41 -0.27 0.00
CAITHNESS_CC_1 323624	48.56 1.55 0.00	39.17 0.98 0.00	35.67 1.16 0.00	38.18 1.43 0.00	40.08 1.42 0.00	37.65 1.71 0.00	49.66 2.81 0.00	54.55 3.29 0.00	41.99 2.09 0.00	36.47 2.03 0.00	36.44 2.47 0.00	43.50 2.96 0.00	44.27 2.48 -4.97	45.55 2.24 0.00	45.56 2.08 0.00	53.11 2.48 0.00	63.31 3.13 -6.42	83.16 3.17 -25.77	58.25 2.99 -8.46	40.98 2.57 0.00	41.64 2.59 0.00	41.94 2.61 0.00	36.82 2.20 0.00	35.65 1.96 0.00
CALPINE BETH_PAGE_GT4 24209	48.80 1.80 0.00	39.44 1.26 0.00	35.84 1.34 0.00	38.27 1.51 0.00	40.13 1.46 0.00	37.59 1.65 0.00	49.46 2.61 0.00	54.31 3.04 0.00	41.95 2.05 0.00	36.44 2.01 0.00	36.36 2.39 0.00	43.47 2.93 0.00	45.71 2.57 -6.30	45.78 2.47 0.00	45.77 2.29 0.00	53.42 2.78 0.00	65.21 3.25 -8.21	90.31 3.17 -32.93	60.67 3.05 -10.81	41.00 2.59 0.00	41.66 2.61 0.00	41.94 2.61 0.00	36.79 2.17 0.00	35.62 1.94 0.00
CALPINE_BETH_PAGE_GT_4 323586	48.80 1.80 0.00	39.44 1.26 0.00	35.84 1.34 0.00	38.27 1.51 0.00	40.12 1.46 0.00	37.58 1.65 0.00	49.46 2.61 0.00	54.31 3.04 0.00	41.95 2.04 0.00	36.44 2.01 0.00	36.36 2.39 0.00	43.47 2.93 0.00	45.71 2.57 -6.30	45.77 2.46 0.00	45.77 2.29 0.00	53.42 2.78 0.00	65.22 3.25 -8.21	90.31 3.17 -32.93	60.67 3.05 -10.81	41.00 2.59 0.00	41.66 2.61 0.00	41.94 2.61 0.00	36.79 2.17 0.00	35.62 1.93 0.00
CALPINE_BP_GT1 23823	48.80 1.80 0.00	39.44 1.26 0.00	35.84 1.34 0.00	38.27 1.51 0.00	40.12 1.46 0.00	37.58 1.65 0.00	49.46 2.61 0.00	54.31 3.04 0.00	41.95 2.04 0.00	36.44 2.01 0.00	36.36 2.39 0.00	43.47 2.93 0.00	45.71 2.57 -6.30	45.77 2.46 0.00	45.77 2.29 0.00	53.42 2.78 0.00	65.22 3.25 -8.21	90.31 3.17 -32.93	60.67 3.05 -10.81	41.00 2.59 0.00	41.66 2.61 0.00	41.94 2.61 0.00	36.79 2.17 0.00	35.62 1.93 0.00
CALSPAN___DRP 24200	44.51 -2.49 0.00	35.76 -2.42 0.00	31.83 -2.67 0.00	33.88 -2.87 0.00	35.60 -3.07 0.00	31.86 -3.79 0.28	41.47 -5.32 0.06	45.56 -5.71 0.00	35.63 -4.27 0.00	30.97 -3.47 0.00	30.88 -3.10 0.00	37.16 -3.37 0.00	33.79 -3.04 0.00	39.87 -3.44 0.00	40.23 -3.25 0.00	46.60 -4.04 0.00	49.16 -4.60 0.00	50.13 -4.09 0.00	42.88 -3.92 0.00	35.42 -2.99 0.00	35.64 -3.41 0.00	35.66 -3.66 0.00	31.23 -3.40 0.00	30.59 -3.09 0.00

CALVERTON___SOLAR 323806	48.70 1.70 0.00	39.27 1.09 0.00	35.80 1.30 0.00	38.38 1.63 0.00	40.31 1.65 0.00	37.89 1.95 0.00	50.04 3.19 0.00	54.97 3.70 0.00	42.27 2.36 0.00	36.69 2.25 0.00	36.63 2.66 0.00	43.70 3.16 0.00	44.42 2.62 -4.97	45.70 2.38 0.00	45.68 2.20 0.00	53.27 2.63 0.00	63.54 3.36 -6.43	83.45 3.44 -25.79	58.48 3.21 -8.47	41.15 2.74 0.00	41.80 2.75 0.00	42.09 2.77 0.00	36.92 2.30 0.00	35.74 2.05 0.00
CANDIGU_WT_PWR 323617	44.88 -2.12 0.00	36.08 -2.10 0.00	32.19 -2.31 0.00	34.19 -2.56 0.00	35.81 -2.85 0.00	32.20 -3.20 0.54	42.28 -4.47 0.10	46.22 -5.05 0.00	35.83 -4.08 0.00	30.76 -3.68 0.00	30.59 -3.38 0.00	36.92 -3.62 0.00	33.63 -3.20 0.00	39.62 -3.69 0.00	40.03 -3.45 0.00	46.33 -4.31 0.00	49.00 -4.76 0.00	49.87 -4.35 0.00	42.99 -3.81 0.00	35.38 -3.03 0.00	35.83 -3.22 0.00	35.74 -3.58 0.00	31.43 -3.19 0.00	30.75 -2.94 0.00
CARR STREET_E_SYR 24060	45.85 -1.15 0.00	37.22 -0.96 0.00	33.61 -0.89 0.00	35.80 -0.95 0.00	37.66 -1.00 0.00	34.98 -0.96 0.00	45.65 -1.21 0.00	49.96 -1.31 0.00	38.91 -1.00 0.00	33.56 -0.88 0.00	33.10 -0.87 0.00	39.62 -0.92 0.00	36.06 -0.77 0.00	42.42 -0.89 0.00	42.60 -0.88 0.00	49.59 -1.05 0.00	52.68 -1.08 0.00	53.18 -1.04 0.00	45.89 -0.91 0.00	37.70 -0.71 0.00	38.23 -0.81 0.00	38.41 -0.91 0.00	33.76 -0.86 0.00	32.88 -0.81 0.00
CARTHAGE___PAPER 23857	48.60 1.60 0.00	39.34 1.15 0.00	35.31 0.81 0.00	37.63 0.87 0.00	39.54 0.88 0.00	36.70 0.77 0.00	48.12 1.26 0.00	52.43 1.16 0.00	40.56 0.65 0.00	34.31 -0.12 0.00	33.16 -0.82 0.00	39.02 -1.52 0.00	35.20 -1.63 0.00	42.33 -0.98 0.00	43.21 -0.27 0.00	50.24 -0.40 0.00	53.37 -0.40 0.00	53.77 -0.45 0.00	46.19 -0.61 0.00	37.82 -0.59 0.00	38.38 -0.67 0.00	38.67 -0.66 0.00	34.13 -0.49 0.00	33.11 -0.58 0.00
CASSADAGA_WT_PWR 323784	44.39 -2.62 0.00	35.58 -2.61 0.00	31.44 -3.06 0.00	33.29 -3.47 0.00	34.84 -3.82 0.00	31.05 -4.57 0.31	40.51 -6.28 0.06	44.79 -6.47 0.00	34.82 -5.08 0.00	30.07 -4.36 0.00	30.09 -3.89 0.00	36.36 -4.18 0.00	33.06 -3.77 0.00	39.14 -4.18 0.00	39.22 -4.26 0.00	45.77 -4.86 0.00	48.30 -5.46 0.00	49.38 -4.84 0.00	42.42 -4.38 0.00	34.95 -3.46 0.00	35.38 -3.67 0.00	35.70 -3.62 0.00	31.29 -3.33 0.00	30.45 -3.24 0.00
CE_DUNWOOD___DRP 24194	48.72 1.71 0.00	39.53 1.34 0.00	35.81 1.31 0.00	38.19 1.44 0.00	40.16 1.49 0.00	37.55 1.61 0.00	49.19 2.34 0.00	53.95 2.68 0.00	41.89 1.99 0.00	36.28 1.84 0.00	36.03 2.06 0.00	43.14 2.60 0.00	39.16 2.33 0.00	45.80 2.49 0.00	45.75 2.27 0.00	53.24 2.60 0.00	56.67 2.92 0.00	57.03 2.81 0.00	49.54 2.74 0.00	40.71 2.30 0.00	41.37 2.32 0.00	41.69 2.36 0.00	36.56 1.95 0.00	35.39 1.70 0.00
CE_MILLWOOD___DRP 24193	48.64 1.64 0.00	39.49 1.30 0.00	35.77 1.27 0.00	38.15 1.40 0.00	40.11 1.44 0.00	37.50 1.57 0.00	49.11 2.26 0.00	53.86 2.59 0.00	41.83 1.92 0.00	36.21 1.78 0.00	35.97 2.00 0.00	43.06 2.52 0.00	39.09 2.26 0.00	45.73 2.42 0.00	45.66 2.18 0.00	53.15 2.51 0.00	56.59 2.83 0.00	56.95 2.73 0.00	49.46 2.66 0.00	40.65 2.24 0.00	41.31 2.26 0.00	41.62 2.30 0.00	36.52 1.90 0.00	35.34 1.65 0.00
CE_NYC2_DRP 24202	49.10 2.10 0.00	39.88 1.69 0.00	36.15 1.64 0.00	38.52 1.76 0.00	40.50 1.84 0.00	37.93 1.99 0.00	49.60 2.75 0.00	54.44 3.18 0.00	42.36 2.45 0.00	36.69 2.25 0.00	36.45 2.47 -0.01	43.60 3.06 0.00	39.60 2.77 -0.01	46.25 2.94 0.00	46.19 2.71 0.00	53.67 3.03 0.00	57.12 3.36 0.00	57.35 3.13 0.00	49.89 3.09 0.00	41.03 2.62 0.00	41.72 2.67 0.00	42.03 2.71 0.00	36.86 2.24 0.00	35.67 1.98 0.00
CE_NYC_DRP 24195	49.12 2.11 0.00	39.86 1.67 0.00	36.12 1.61 0.00	38.49 1.74 0.00	40.49 1.83 0.00	37.90 1.96 0.00	49.62 2.77 0.00	54.47 3.20 0.00	42.33 2.42 0.00	36.68 2.25 0.00	36.45 2.48 -0.01	43.63 3.10 0.00	39.61 2.77 -0.01	46.30 2.99 0.00	46.23 2.75 0.00	53.76 3.13 0.00	57.23 3.47 0.00	57.53 3.31 0.00	49.99 3.18 0.00	41.08 2.67 0.00	41.75 2.70 0.00	42.05 2.73 0.00	36.87 2.25 0.00	35.69 2.00 0.00
CHAFFEE___LFGE 323603	44.67 -2.34 0.00	35.91 -2.28 0.00	31.95 -2.56 0.00	34.02 -2.73 0.00	35.73 -2.93 0.00	32.02 -3.62 0.30	41.74 -5.05 0.06	45.88 -5.39 0.00	35.92 -3.98 0.00	31.17 -3.27 0.00	31.08 -2.89 0.00	37.43 -3.11 0.00	34.02 -2.81 0.00	40.15 -3.16 0.00	40.49 -2.99 0.00	46.88 -3.75 0.00	49.49 -4.27 0.00	50.46 -3.76 0.00	43.15 -3.65 0.00	35.64 -2.77 0.00	35.87 -3.18 0.00	35.87 -3.45 0.00	31.40 -3.22 0.00	30.73 -2.96 0.00
CHATEAUG_35_KV_LOAD 355732	48.28 1.28 0.00	39.18 0.99 0.00	35.11 0.61 0.00	37.39 0.63 0.00	39.44 0.77 0.00	36.59 0.66 0.00	47.69 0.84 0.00	52.31 1.04 0.00	40.63 0.72 0.00	35.09 0.65 0.00	34.15 0.18 0.00	40.49 -0.05 0.00	36.84 0.00 0.00	43.48 0.17 0.00	43.94 0.46 0.00	51.02 0.39 0.00	53.98 0.22 0.00	54.32 0.10 0.00	46.03 -0.77 0.00	37.48 -0.92 0.00	38.12 -0.93 0.00	38.56 -0.76 0.00	34.23 -0.39 0.00	33.45 -0.23 0.00
CHATEAUG_WT_PWR 323614	48.11 1.10 0.00	39.05 0.86 0.00	35.03 0.53 0.00	37.28 0.53 0.00	39.32 0.66 0.00	36.49 0.55 0.00	47.54 0.69 0.00	52.12 0.85 0.00	40.50 0.59 0.00	34.98 0.54 0.00	34.08 0.11 0.00	40.44 -0.09 0.00	36.82 -0.01 0.00	43.40 0.09 0.00	43.86 0.38 0.00	50.90 0.26 0.00	53.86 0.10 0.00	54.20 -0.02 0.00	45.97 -0.83 0.00	37.43 -0.98 0.00	38.06 -0.99 0.00	38.52 -0.81 0.00	34.19 -0.43 0.00	33.41 -0.28 0.00
CHAT_HIGH_FALL_HYD 323578	48.28 1.28 0.00	39.18 0.99 0.00	35.11 0.61 0.00	37.39 0.63 0.00	39.44 0.77 0.00	36.59 0.66 0.00	47.69 0.84 0.00	52.31 1.04 0.00	40.63 0.72 0.00	35.09 0.65 0.00	34.15 0.18 0.00	40.49 -0.05 0.00	36.84 0.00 0.00	43.48 0.17 0.00	43.94 0.46 0.00	51.02 0.39 0.00	53.98 0.22 0.00	54.32 0.10 0.00	46.03 -0.77 0.00	37.48 -0.92 0.00	38.12 -0.93 0.00	38.56 -0.76 0.00	34.23 -0.39 0.00	33.45 -0.23 0.00
CHAUTAUQUA___LFGE 323629	44.48 -2.52 0.00	35.67 -2.51 0.00	31.66 -2.84 0.00	33.67 -3.08 0.00	35.30 -3.36 0.00	31.60 -4.04 0.30	41.22 -5.58 0.06	45.46 -5.80 0.00	35.40 -4.50 0.00	30.66 -3.78 0.00	30.64 -3.33 0.00	37.00 -3.54 0.00	33.61 -3.22 0.00	39.68 -3.63 0.00	39.85 -3.63 0.00	46.26 -4.38 0.00	48.82 -4.94 0.00	49.82 -4.40 0.00	42.74 -4.06 0.00	35.24 -3.17 0.00	35.57 -3.48 0.00	35.73 -3.59 0.00	31.35 -3.27 0.00	30.61 -3.07 0.00
CHERRYST_13_KV_LD 356241	49.21 2.21 0.00	39.94 1.76 0.00	36.19 1.69 0.00	38.59 1.83 0.00	40.58 1.92 0.00	37.98 2.05 0.00	49.75 2.90 0.00	54.61 3.34 0.00	42.45 2.54 0.00	36.78 2.35 0.00	36.56 2.58 -0.01	43.77 3.23 0.00	39.71 2.88 -0.01	46.44 3.12 0.00	46.37 2.89 0.00	53.91 3.28 0.00	57.40 3.64 0.00	57.69 3.47 0.00	50.12 3.32 0.00	41.18 2.77 0.00	41.84 2.79 0.00	42.14 2.82 0.00	36.95 2.33 0.00	35.77 2.08 0.00

CHESTROR_138KV_BK263 355645	48.42 1.42 0.00	39.32 1.13 0.00	35.60 1.10 0.00	37.97 1.22 0.00	39.92 1.26 0.00	37.28 1.35 0.00	48.78 1.92 0.00	53.45 2.18 0.00	41.51 1.60 0.00	35.91 1.47 0.00	35.60 1.62 0.00	42.59 2.05 0.00	38.68 1.85 0.00	45.32 2.01 0.00	45.30 1.82 0.00	52.75 2.11 0.00	56.16 2.40 0.00	56.56 2.34 0.00	49.09 2.29 0.00	40.35 1.94 0.00	41.01 1.96 0.00	41.33 2.00 0.00	36.26 1.63 0.00	35.11 1.43 0.00
CH_MIDHUDSON___DRP 24192	48.63 1.63 0.00	39.49 1.30 0.00	35.76 1.26 0.00	38.13 1.38 0.00	40.08 1.42 0.00	37.46 1.52 0.00	49.04 2.19 0.00	53.75 2.49 0.00	41.77 1.86 0.00	36.15 1.72 0.00	35.83 1.86 0.00	42.84 2.30 0.00	38.90 2.07 0.00	45.57 2.26 0.00	45.56 2.07 0.00	53.05 2.41 0.00	56.45 2.69 0.00	56.83 2.61 0.00	49.35 2.55 0.00	40.56 2.16 0.00	41.23 2.18 0.00	41.51 2.19 0.00	36.43 1.81 0.00	35.26 1.57 0.00
CH_MISC_IPPS 23765	48.92 1.92 0.00	39.72 1.54 0.00	35.96 1.46 0.00	38.35 1.60 0.00	40.32 1.66 0.00	37.69 1.76 0.00	49.38 2.53 0.00	54.13 2.86 0.00	42.09 2.18 0.00	36.43 2.00 0.00	36.09 2.12 0.00	43.12 2.58 0.00	39.18 2.35 0.00	45.92 2.61 0.00	45.88 2.40 0.00	53.41 2.77 0.00	56.84 3.09 0.00	57.25 3.03 0.00	49.70 2.90 0.00	40.85 2.44 0.00	41.49 2.44 0.00	41.78 2.46 0.00	36.65 2.04 0.00	35.48 1.79 0.00
CH_RES_BVR_FALLS 23983	47.38 0.38 0.00	38.45 0.26 0.00	34.67 0.16 0.00	36.93 0.18 0.00	38.76 0.10 0.00	35.98 0.05 0.00	46.83 -0.02 0.00	51.08 -0.19 0.00	39.60 -0.30 0.00	34.03 -0.41 0.00	33.32 -0.65 0.00	39.60 -0.94 0.00	35.98 -0.85 0.00	42.33 -0.98 0.00	42.57 -0.91 0.00	49.55 -1.09 0.00	52.59 -1.17 0.00	53.03 -1.20 0.00	45.65 -1.15 0.00	37.42 -0.98 0.00	38.11 -0.94 0.00	38.46 -0.87 0.00	33.93 -0.69 0.00	33.14 -0.55 0.00
CH_RES_NIAGARA 23895	42.76 -4.24 0.00	34.42 -3.76 0.00	30.62 -3.89 0.00	32.63 -4.13 0.00	34.29 -4.37 0.00	30.56 -5.13 0.24	39.35 -7.46 0.05	43.04 -8.22 0.00	33.85 -6.05 0.00	29.78 -4.65 0.00	30.11 -3.87 0.00	36.25 -4.29 0.00	32.97 -3.86 0.00	38.87 -4.44 0.00	39.23 -4.25 0.00	45.44 -5.20 0.00	47.65 -6.11 0.00	48.54 -5.68 0.00	41.42 -5.39 0.00	34.29 -4.12 0.00	34.46 -4.59 0.00	34.49 -4.84 0.00	30.28 -4.34 0.00	29.79 -3.90 0.00
CH_RES_SYRACUSE 23985	46.16 -0.85 0.00	37.45 -0.73 0.00	33.84 -0.67 0.00	36.05 -0.70 0.00	37.89 -0.77 0.00	35.26 -0.72 -0.04	46.00 -0.85 0.00	50.33 -0.93 0.00	39.14 -0.77 0.00	33.75 -0.69 0.00	33.28 -0.70 0.00	39.82 -0.72 0.00	36.25 -0.57 0.00	42.67 -0.65 0.00	42.86 -0.62 0.00	49.89 -0.74 0.00	53.01 -0.75 0.00	53.54 -0.68 0.00	46.20 -0.60 0.00	37.94 -0.46 0.00	38.46 -0.58 0.00	38.65 -0.67 0.00	33.95 -0.67 0.00	33.07 -0.62 0.00
CLINTON_WT_PWR 323605	48.11 1.10 0.00	39.05 0.86 0.00	35.03 0.53 0.00	37.28 0.53 0.00	39.32 0.66 0.00	36.49 0.55 0.00	47.54 0.69 0.00	52.12 0.85 0.00	40.50 0.59 0.00	34.98 0.54 0.00	34.08 0.11 0.00	40.44 -0.09 0.00	36.82 -0.01 0.00	43.40 0.09 0.00	43.86 0.38 0.00	50.90 0.26 0.00	53.86 0.10 0.00	54.20 -0.02 0.00	45.97 -0.83 0.00	37.43 -0.98 0.00	38.06 -0.99 0.00	38.52 -0.81 0.00	34.19 -0.43 0.00	33.41 -0.28 0.00
CLINTON___LFGE 323618	48.72 1.72 0.00	39.54 1.35 0.00	35.43 0.93 0.00	37.72 0.97 0.00	39.79 1.12 0.00	36.95 1.01 0.00	48.19 1.33 0.00	52.84 1.57 0.00	41.06 1.16 0.00	35.41 0.97 0.00	34.48 0.51 0.00	40.91 0.37 0.00	37.18 0.35 0.00	43.78 0.47 0.00	44.29 0.81 0.00	51.42 0.78 0.00	54.50 0.74 0.00	54.90 0.68 0.00	46.54 -0.26 0.00	37.83 -0.57 0.00	38.42 -0.63 0.00	38.85 -0.47 0.00	34.49 -0.13 0.00	33.72 0.03 0.00
COBBLENY_34_KV_TB1 80064	44.67 -2.33 0.00	35.90 -2.29 0.00	31.95 -2.56 0.00	34.02 -2.73 0.00	35.74 -2.92 0.00	32.01 -3.63 0.30	41.75 -5.04 0.06	45.89 -5.38 0.00	35.88 -4.02 0.00	31.18 -3.26 0.00	31.07 -2.90 0.00	37.42 -3.12 0.00	34.02 -2.81 0.00	40.13 -3.18 0.00	40.49 -2.99 0.00	46.89 -3.75 0.00	49.49 -4.27 0.00	50.46 -3.76 0.00	43.15 -3.65 0.00	35.64 -2.77 0.00	35.87 -3.19 0.00	35.87 -3.45 0.00	31.40 -3.22 0.00	30.73 -2.96 0.00
COFFEEN___115KV_TB3 355620	48.24 1.24 0.00	39.02 0.83 0.00	35.02 0.52 0.00	37.30 0.55 0.00	39.20 0.54 0.00	36.41 0.48 0.00	47.78 0.93 0.00	52.11 0.84 0.00	40.26 0.35 0.00	33.98 -0.46 0.00	32.77 -1.20 0.00	38.64 -1.90 0.00	34.74 -2.08 0.00	42.12 -1.19 0.00	43.08 -0.40 0.00	50.05 -0.59 0.00	53.21 -0.55 0.00	53.76 -0.46 0.00	46.25 -0.55 0.00	37.90 -0.51 0.00	38.39 -0.66 0.00	38.59 -0.74 0.00	33.98 -0.64 0.00	32.92 -0.77 0.00
COLDSPRG_115KV_BK1 355956	45.38 -1.62 0.00	36.45 -1.73 0.00	32.39 -2.11 0.00	34.45 -2.31 0.00	36.12 -2.54 0.00	32.44 -3.15 0.34	42.60 -4.18 0.06	46.97 -4.29 0.00	36.54 -3.36 0.00	31.62 -2.82 0.00	31.59 -2.38 0.00	38.11 -2.42 0.00	34.65 -2.18 0.00	40.89 -2.42 0.00	40.97 -2.51 0.00	47.56 -3.08 0.00	50.22 -3.55 0.00	51.21 -3.01 0.00	43.97 -2.83 0.00	36.24 -2.16 0.00	36.63 -2.42 0.00	36.78 -2.55 0.00	32.19 -2.43 0.00	31.38 -2.31 0.00
COLONIE_LFGE___ 323577	47.51 0.51 0.00	38.79 0.60 0.00	35.22 0.72 0.00	37.56 0.81 0.00	39.52 0.86 0.00	36.93 1.00 0.00	48.02 1.17 0.00	52.33 1.07 0.00	40.84 0.93 0.00	35.16 0.72 0.00	34.80 0.82 0.00	41.67 1.14 0.00	37.73 0.91 0.00	44.37 1.06 0.00	44.46 0.98 0.00	51.86 1.22 0.00	55.19 1.43 0.00	55.51 1.29 0.00	48.18 1.38 0.00	39.67 1.26 0.00	40.31 1.26 0.00	40.54 1.22 0.00	35.64 1.02 0.00	34.61 0.92 0.00
COOPERNY_115KV_TB1 80082	48.07 1.07 0.00	39.04 0.85 0.00	35.32 0.82 0.00	37.67 0.92 0.00	39.60 0.95 0.00	36.94 1.00 0.00	48.29 1.44 0.00	52.90 1.64 0.00	41.10 1.19 0.00	35.52 1.09 0.00	35.18 1.20 0.00	42.07 1.53 0.00	38.21 1.38 0.00	44.80 1.49 0.00	44.83 1.35 0.00	52.22 1.58 0.00	55.56 1.80 0.00	55.98 1.77 0.00	48.53 1.73 0.00	39.87 1.46 0.00	40.51 1.46 0.00	40.81 1.49 0.00	35.83 1.21 0.00	34.74 1.05 0.00
COPENHAGEN_WT_PWR 323753	47.87 0.87 0.00	38.71 0.53 0.00	34.71 0.21 0.00	36.98 0.22 0.00	38.84 0.18 0.00	36.03 0.09 0.00	47.22 0.36 0.00	51.40 0.13 0.00	39.76 -0.15 0.00	33.57 -0.87 0.00	32.31 -1.67 0.00	38.05 -2.48 0.00	34.28 -2.54 0.00	41.32 -1.99 0.00	42.16 -1.32 0.00	49.01 -1.63 0.00	52.08 -1.68 0.00	52.54 -1.68 0.00	45.20 -1.60 0.00	37.05 -1.36 0.00	37.56 -1.49 0.00	37.78 -1.54 0.00	33.34 -1.28 0.00	32.33 -1.36 0.00
CORNELL_____ 23752	47.28 0.28 0.00	38.31 0.12 0.00	34.54 0.03 0.00	36.80 0.05 0.00	38.70 0.04 0.00	36.98 -0.02 -1.06	47.19 0.12 -0.21	51.37 0.10 -0.01	39.81 -0.10 0.00	34.23 -0.20 0.00	33.63 -0.34 0.00	40.19 -0.35 0.00	36.68 -0.15 0.00	43.32 0.01 0.00	43.49 0.01 0.00	50.76 0.12 0.00	53.99 0.23 0.00	54.59 0.38 0.00	47.10 0.30 0.00	38.70 0.29 0.00	39.20 0.15 0.00	39.35 0.03 0.00	34.54 -0.08 0.00	33.60 -0.09 0.00

CORONA V_69_KV_TB1 355595	49.03 2.03 0.00	39.72 1.54 0.00	36.07 1.57 0.00	38.49 1.74 0.00	40.35 1.69 0.00	37.75 1.81 0.00	49.66 2.81 0.00	54.49 3.23 0.00	42.17 2.26 0.00	36.64 2.21 0.00	36.51 2.54 0.00	43.68 3.14 0.00	48.46 2.76 -8.87	46.12 2.81 0.00	46.07 2.59 0.00	53.68 3.05 0.00	68.85 3.49 -11.60	104.21 3.43 -46.56	65.33 3.24 -15.29	41.15 2.73 0.00	41.83 2.78 0.00	42.12 2.80 0.00	36.96 2.34 0.00	35.78 2.09 0.00
CORTLAND_115KV_TB3 80093	46.97 -0.04 0.00	38.11 -0.08 0.00	34.41 -0.09 0.00	36.68 -0.08 0.00	38.57 -0.09 0.00	36.14 -0.09 -0.29	46.93 0.02 -0.06	51.27 0.00 0.00	39.81 -0.10 0.00	34.29 -0.15 0.00	33.78 -0.19 0.00	40.32 -0.21 0.00	36.77 -0.06 0.00	43.34 0.03 0.00	43.52 0.04 0.00	50.71 0.07 0.00	53.92 0.16 0.00	54.41 0.19 0.00	46.96 0.16 0.00	38.56 0.15 0.00	39.12 0.07 0.00	39.29 -0.03 0.00	34.51 -0.11 0.00	33.57 -0.12 0.00
COXSACKIE__GT 23611	48.69 1.68 0.00	39.71 1.53 0.00	36.07 1.56 0.00	38.34 1.59 0.00	40.37 1.71 0.00	37.82 1.88 0.00	49.10 2.25 0.00	53.72 2.45 0.00	41.85 1.94 0.00	35.86 1.43 0.00	35.37 1.39 0.00	42.09 1.55 0.00	38.21 1.38 0.00	44.85 1.54 0.00	44.75 1.27 0.00	52.68 2.04 0.00	56.40 2.64 0.00	57.06 2.84 0.00	49.36 2.56 0.00	40.58 2.17 0.00	41.12 2.07 0.00	41.28 1.95 0.00	36.27 1.65 0.00	35.17 1.48 0.00
CPV_VALLEY__CC1 323721	48.25 1.25 0.00	39.18 0.99 0.00	35.47 0.97 0.00	37.83 1.08 0.00	39.78 1.12 0.00	37.14 1.20 0.00	48.59 1.74 0.00	53.23 1.96 0.00	41.35 1.44 0.00	35.77 1.34 0.00	35.46 1.49 0.00	42.43 1.90 0.00	38.53 1.70 0.00	45.15 1.84 0.00	45.13 1.65 0.00	52.54 1.90 0.00	55.91 2.15 0.00	56.32 2.10 0.00	48.87 2.07 0.00	40.17 1.76 0.00	40.82 1.77 0.00	41.13 1.81 0.00	36.09 1.47 0.00	34.97 1.28 0.00
CPV_VALLEY__CC2 323722	48.25 1.25 0.00	39.18 0.99 0.00	35.47 0.97 0.00	37.83 1.08 0.00	39.78 1.12 0.00	37.14 1.20 0.00	48.59 1.74 0.00	53.23 1.96 0.00	41.35 1.44 0.00	35.77 1.34 0.00	35.46 1.49 0.00	42.43 1.90 0.00	38.53 1.70 0.00	45.15 1.84 0.00	45.13 1.65 0.00	52.54 1.90 0.00	55.91 2.15 0.00	56.32 2.10 0.00	48.87 2.07 0.00	40.17 1.76 0.00	40.82 1.77 0.00	41.13 1.81 0.00	36.09 1.47 0.00	34.97 1.28 0.00
CRESCENT__HYD 24018	47.51 0.51 0.00	38.79 0.60 0.00	35.22 0.72 0.00	37.56 0.81 0.00	39.52 0.86 0.00	36.93 1.00 0.00	48.02 1.17 0.00	52.33 1.07 0.00	40.84 0.93 0.00	35.16 0.72 0.00	34.80 0.82 0.00	41.67 1.14 0.00	37.73 0.91 0.00	44.37 1.06 0.00	44.46 0.98 0.00	51.86 1.22 0.00	55.19 1.43 0.00	55.51 1.29 0.00	48.18 1.38 0.00	39.67 1.26 0.00	40.31 1.26 0.00	40.54 1.22 0.00	35.64 1.02 0.00	34.61 0.92 0.00
CRICKET__VALLEY_CC1 323756	48.02 1.02 0.00	39.01 0.82 0.00	35.35 0.85 0.00	37.68 0.93 0.00	39.56 0.90 0.00	36.99 1.05 0.00	48.39 1.54 0.00	53.01 1.75 0.00	41.20 1.30 0.00	35.68 1.24 0.00	35.40 1.43 0.00	42.36 1.82 0.00	38.45 1.62 0.00	45.00 1.69 0.00	44.97 1.49 0.00	52.34 1.70 0.00	55.69 1.93 0.00	56.03 1.81 0.00	48.69 1.89 0.00	40.03 1.63 0.00	40.69 1.64 0.00	40.99 1.67 0.00	35.98 1.36 0.00	34.84 1.15 0.00
CRICKET__VALLEY_CC2 323757	48.02 1.02 0.00	39.01 0.82 0.00	35.35 0.85 0.00	37.68 0.93 0.00	39.56 0.90 0.00	36.99 1.05 0.00	48.39 1.54 0.00	53.01 1.75 0.00	41.20 1.30 0.00	35.68 1.24 0.00	35.40 1.43 0.00	42.36 1.82 0.00	38.45 1.62 0.00	45.00 1.69 0.00	44.97 1.49 0.00	52.34 1.70 0.00	55.69 1.93 0.00	56.03 1.81 0.00	48.69 1.89 0.00	40.03 1.63 0.00	40.69 1.64 0.00	40.99 1.67 0.00	35.98 1.36 0.00	34.84 1.15 0.00
CRICKET__VALLEY_CC3 323758	48.02 1.02 0.00	39.01 0.82 0.00	35.35 0.85 0.00	37.68 0.93 0.00	39.56 0.90 0.00	36.99 1.05 0.00	48.39 1.54 0.00	53.01 1.75 0.00	41.20 1.30 0.00	35.68 1.24 0.00	35.40 1.43 0.00	42.36 1.82 0.00	38.45 1.62 0.00	45.00 1.69 0.00	44.97 1.49 0.00	52.34 1.70 0.00	55.69 1.93 0.00	56.03 1.81 0.00	48.69 1.89 0.00	40.03 1.63 0.00	40.69 1.64 0.00	40.99 1.67 0.00	35.98 1.36 0.00	34.84 1.15 0.00
CRUCIBLE_METL_DRP 24180	46.16 -0.85 0.00	37.45 -0.73 0.00	33.83 -0.67 0.00	36.05 -0.70 0.00	37.89 -0.77 0.00	35.26 -0.72 -0.04	46.01 -0.85 0.00	50.33 -0.93 0.00	39.14 -0.77 0.00	33.75 -0.69 0.00	33.27 -0.70 0.00	39.82 -0.72 0.00	36.26 -0.57 0.00	42.67 -0.64 0.00	42.86 -0.62 0.00	49.89 -0.74 0.00	53.01 -0.75 0.00	53.54 -0.68 0.00	46.20 -0.60 0.00	37.94 -0.46 0.00	38.46 -0.58 0.00	38.65 -0.67 0.00	33.95 -0.67 0.00	33.07 -0.62 0.00
DAHOWA__HYDRO 323763	48.30 1.30 0.00	39.43 1.25 0.00	35.81 1.31 0.00	38.20 1.45 0.00	40.17 1.51 0.00	37.58 1.64 0.00	48.96 2.11 0.00	53.35 2.08 0.00	41.52 1.61 0.00	35.66 1.23 0.00	35.26 1.28 0.00	42.30 1.76 0.00	38.14 1.31 0.00	45.04 1.73 0.00	45.22 1.74 0.00	52.70 2.07 0.00	56.26 2.50 0.00	56.54 2.32 0.00	49.11 2.31 0.00	40.34 1.93 0.00	40.83 1.78 0.00	41.00 1.68 0.00	36.05 1.43 0.00	34.97 1.28 0.00
DANC__LFGE 323619	47.00 0.00 0.00	38.06 -0.13 0.00	34.21 -0.29 0.00	36.43 -0.33 0.00	38.29 -0.37 0.00	35.51 -0.43 0.00	46.43 -0.42 0.00	50.65 -0.61 0.00	39.31 -0.60 0.00	33.47 -0.96 0.00	32.54 -1.43 0.00	38.56 -1.98 0.00	34.83 -2.00 0.00	41.63 -1.68 0.00	42.22 -1.26 0.00	49.08 -1.56 0.00	52.09 -1.67 0.00	52.58 -1.64 0.00	45.30 -1.51 0.00	37.19 -1.22 0.00	37.71 -1.34 0.00	37.94 -1.39 0.00	33.45 -1.17 0.00	32.48 -1.21 0.00
DANSKAMMER__1 23586	48.92 1.92 0.00	39.72 1.54 0.00	35.96 1.46 0.00	38.35 1.60 0.00	40.32 1.66 0.00	37.69 1.76 0.00	49.38 2.53 0.00	54.13 2.86 0.00	42.09 2.18 0.00	36.43 2.00 0.00	36.09 2.12 0.00	43.12 2.58 0.00	39.18 2.35 0.00	45.92 2.61 0.00	45.88 2.40 0.00	53.41 2.77 0.00	56.84 3.09 0.00	57.25 3.03 0.00	49.70 2.90 0.00	40.85 2.44 0.00	41.49 2.44 0.00	41.78 2.46 0.00	36.65 2.04 0.00	35.48 1.79 0.00
DANSKAMMER__2 23589	48.92 1.92 0.00	39.72 1.54 0.00	35.96 1.46 0.00	38.35 1.60 0.00	40.32 1.66 0.00	37.69 1.76 0.00	49.38 2.53 0.00	54.13 2.86 0.00	42.09 2.18 0.00	36.43 2.00 0.00	36.09 2.12 0.00	43.12 2.58 0.00	39.18 2.35 0.00	45.92 2.61 0.00	45.88 2.40 0.00	53.41 2.77 0.00	56.84 3.09 0.00	57.25 3.03 0.00	49.70 2.90 0.00	40.85 2.44 0.00	41.49 2.44 0.00	41.78 2.46 0.00	36.65 2.04 0.00	35.48 1.79 0.00
DANSKAMMER__3 23590	48.92 1.92 0.00	39.72 1.54 0.00	35.96 1.46 0.00	38.35 1.60 0.00	40.32 1.66 0.00	37.69 1.76 0.00	49.38 2.53 0.00	54.13 2.86 0.00	42.09 2.18 0.00	36.43 2.00 0.00	36.09 2.12 0.00	43.12 2.58 0.00	39.18 2.35 0.00	45.92 2.61 0.00	45.88 2.40 0.00	53.41 2.77 0.00	56.84 3.09 0.00	57.25 3.03 0.00	49.70 2.90 0.00	40.85 2.44 0.00	41.49 2.44 0.00	41.78 2.46 0.00	36.65 2.04 0.00	35.48 1.79 0.00

DANSKAMMER___4 23591	48.92 1.92 0.00	39.72 1.54 0.00	35.96 1.46 0.00	38.35 1.60 0.00	40.32 1.66 0.00	37.69 1.76 0.00	49.38 2.53 0.00	54.13 2.86 0.00	42.09 2.18 0.00	36.43 2.00 0.00	36.09 2.12 0.00	43.12 2.58 0.00	39.18 2.35 0.00	45.92 2.61 0.00	45.88 2.40 0.00	53.41 2.77 0.00	56.84 3.09 0.00	57.25 3.03 0.00	49.70 2.90 0.00	40.85 2.44 0.00	41.49 2.44 0.00	41.78 2.46 0.00	36.65 2.04 0.00	35.48 1.79 0.00
DANSKAMMER___DIESEL 23592	48.93 1.92 0.00	39.72 1.54 0.00	35.96 1.46 0.00	38.35 1.60 0.00	40.33 1.66 0.00	37.69 1.76 0.00	49.37 2.52 0.00	54.13 2.86 0.00	42.10 2.19 0.00	36.43 2.00 0.00	36.09 2.12 0.00	43.12 2.58 0.00	39.18 2.35 0.00	45.93 2.61 0.00	45.88 2.40 0.00	53.41 2.78 0.00	56.85 3.09 0.00	57.26 3.04 0.00	49.70 2.90 0.00	40.85 2.44 0.00	41.49 2.44 0.00	41.78 2.46 0.00	36.66 2.04 0.00	35.48 1.79 0.00
DARBY___SOLAR 323810	48.14 1.14 0.00	39.30 1.12 0.00	35.69 1.19 0.00	38.07 1.32 0.00	40.03 1.36 0.00	37.43 1.49 0.00	48.75 1.89 0.00	53.11 1.84 0.00	41.34 1.44 0.00	35.53 1.09 0.00	35.10 1.13 0.00	42.14 1.60 0.00	38.02 1.19 0.00	44.87 1.56 0.00	45.05 1.57 0.00	52.51 1.88 0.00	56.03 2.26 0.00	56.29 2.07 0.00	48.88 2.08 0.00	40.17 1.77 0.00	40.69 1.64 0.00	40.89 1.56 0.00	35.94 1.33 0.00	34.88 1.19 0.00
DASHVILLE___HYD 23610	48.38 1.38 0.00	39.30 1.11 0.00	35.58 1.08 0.00	37.95 1.19 0.00	39.90 1.24 0.00	37.27 1.34 0.00	48.78 1.93 0.00	53.46 2.20 0.00	41.54 1.64 0.00	35.95 1.51 0.00	35.58 1.61 0.00	42.53 1.99 0.00	38.61 1.78 0.00	45.27 1.96 0.00	45.22 1.74 0.00	52.75 2.11 0.00	56.14 2.38 0.00	56.54 2.32 0.00	49.08 2.28 0.00	40.35 1.94 0.00	40.99 1.94 0.00	41.29 1.96 0.00	36.21 1.59 0.00	35.06 1.37 0.00
DELAWARE___LFGE 323621	47.91 0.90 0.00	38.91 0.72 0.00	35.14 0.63 0.00	37.46 0.71 0.00	39.41 0.74 0.00	36.63 0.69 0.00	47.84 0.99 -0.01	52.38 1.11 0.00	40.70 0.80 0.00	35.12 0.69 0.00	34.70 0.73 0.00	41.46 0.92 0.00	37.71 0.88 0.00	44.25 0.94 0.00	44.34 0.86 0.00	51.65 1.01 0.00	54.93 1.17 0.00	55.43 1.22 0.00	47.92 1.12 0.00	39.37 0.96 0.00	39.97 0.92 0.00	40.21 0.89 0.00	35.32 0.70 0.00	34.30 0.61 0.00
DERFIELD_115KV_TB7 355931	46.95 -0.05 0.00	38.18 0.00 0.00	34.53 0.03 0.00	36.79 0.04 0.00	38.69 0.03 0.00	36.00 0.06 0.00	46.92 0.07 0.00	51.30 0.04 0.00	39.92 0.02 0.00	34.42 -0.01 0.00	33.98 0.01 0.00	40.56 0.02 0.00	36.86 0.03 0.00	43.35 0.04 0.00	43.51 0.03 0.00	50.67 0.03 0.00	53.84 0.08 0.00	54.28 0.06 0.00	46.93 0.13 0.00	38.55 0.14 0.00	39.17 0.12 0.00	39.43 0.10 0.00	34.68 0.06 0.00	33.72 0.03 0.00
DOGLEVILLE___HYD 23807	49.20 2.20 0.00	40.04 1.85 0.00	36.34 1.83 0.00	38.74 1.98 0.00	40.74 2.08 0.00	38.09 2.16 0.00	49.61 2.76 0.00	53.95 2.68 0.00	41.72 1.82 0.00	35.30 0.86 0.00	35.16 1.19 0.00	41.55 1.01 0.00	37.71 0.88 0.00	44.86 1.55 0.00	45.42 1.93 0.00	52.94 2.30 0.00	56.61 2.85 0.00	57.27 3.05 0.00	49.60 2.80 0.00	40.77 2.37 0.00	41.35 2.30 0.00	41.48 2.16 0.00	36.46 1.84 0.00	35.31 1.62 0.00
DUNKIRK___115KV_TB_200 55889	44.48 -2.52 0.00	35.70 -2.49 0.00	31.69 -2.81 0.00	33.72 -3.04 0.00	35.35 -3.31 0.00	31.65 -3.99 0.29	41.32 -5.47 0.06	45.54 -5.73 0.00	35.44 -4.47 0.00	30.73 -3.71 0.00	30.71 -3.26 0.00	37.06 -3.48 0.00	33.68 -3.15 0.00	39.72 -3.59 0.00	39.92 -3.56 0.00	46.33 -4.30 0.00	48.89 -4.87 0.00	49.87 -4.35 0.00	42.79 -4.01 0.00	35.27 -3.13 0.00	35.60 -3.45 0.00	35.75 -3.57 0.00	31.36 -3.26 0.00	30.64 -3.05 0.00
DUNKIRK___1 23563	44.48 -2.52 0.00	35.70 -2.49 0.00	31.69 -2.81 0.00	33.72 -3.04 0.00	35.35 -3.31 0.00	31.65 -3.99 0.29	41.32 -5.47 0.06	45.54 -5.73 0.00	35.44 -4.47 0.00	30.73 -3.71 0.00	30.71 -3.26 0.00	37.06 -3.48 0.00	33.68 -3.15 0.00	39.72 -3.59 0.00	39.92 -3.56 0.00	46.33 -4.30 0.00	48.89 -4.87 0.00	49.87 -4.35 0.00	42.79 -4.01 0.00	35.27 -3.13 0.00	35.60 -3.45 0.00	35.75 -3.57 0.00	31.36 -3.26 0.00	30.64 -3.05 0.00
DUNKIRK___2 23564	44.48 -2.52 0.00	35.70 -2.49 0.00	31.69 -2.81 0.00	33.72 -3.04 0.00	35.35 -3.31 0.00	31.65 -3.99 0.29	41.32 -5.47 0.06	45.54 -5.73 0.00	35.44 -4.47 0.00	30.73 -3.71 0.00	30.71 -3.26 0.00	37.06 -3.48 0.00	33.68 -3.15 0.00	39.72 -3.59 0.00	39.92 -3.56 0.00	46.33 -4.30 0.00	48.89 -4.87 0.00	49.87 -4.35 0.00	42.79 -4.01 0.00	35.27 -3.13 0.00	35.60 -3.45 0.00	35.75 -3.57 0.00	31.36 -3.26 0.00	30.64 -3.05 0.00
DUNKIRK___3 23565	44.43 -2.57 0.00	35.69 -2.50 0.00	31.73 -2.77 0.00	33.78 -2.98 0.00	35.42 -3.24 0.00	31.77 -3.88 0.29	41.46 -5.34 0.06	45.63 -5.64 0.00	35.53 -4.37 0.00	30.83 -3.60 0.00	30.80 -3.17 0.00	37.14 -3.40 0.00	33.75 -3.08 0.00	39.80 -3.51 0.00	40.01 -3.47 0.00	46.40 -4.24 0.00	48.97 -4.80 0.00	49.92 -4.30 0.00	42.82 -3.98 0.00	35.31 -3.09 0.00	35.62 -3.43 0.00	35.75 -3.58 0.00	31.34 -3.28 0.00	30.64 -3.04 0.00
DUNKIRK___4 23566	44.43 -2.57 0.00	35.69 -2.50 0.00	31.73 -2.77 0.00	33.78 -2.98 0.00	35.42 -3.24 0.00	31.77 -3.88 0.29	41.46 -5.34 0.06	45.63 -5.64 0.00	35.53 -4.37 0.00	30.83 -3.60 0.00	30.80 -3.17 0.00	37.14 -3.40 0.00	33.75 -3.08 0.00	39.80 -3.51 0.00	40.01 -3.47 0.00	46.40 -4.24 0.00	48.97 -4.80 0.00	49.92 -4.30 0.00	42.82 -3.98 0.00	35.31 -3.09 0.00	35.62 -3.43 0.00	35.75 -3.58 0.00	31.34 -3.28 0.00	30.64 -3.04 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	48.83 1.83 0.00	39.61 1.42 0.00	35.89 1.39 0.00	38.27 1.52 0.00	40.23 1.57 0.00	37.64 1.70 0.00	49.35 2.49 0.00	54.11 2.85 0.00	42.04 2.14 0.00	36.43 2.00 0.00	36.19 2.22 0.00	43.31 2.77 0.00	39.32 2.49 0.00	45.97 2.66 0.00	45.92 2.44 0.00	53.43 2.79 0.00	56.88 3.12 0.00	57.23 3.01 0.00	49.70 2.90 0.00	40.84 2.44 0.00	41.51 2.46 0.00	41.83 2.50 0.00	36.69 2.07 0.00	35.50 1.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	48.68 1.67 0.00	39.52 1.33 0.00	35.78 1.28 0.00	38.16 1.40 0.00	40.13 1.46 0.00	37.49 1.56 0.00	49.08 2.23 0.00	53.80 2.53 0.00	41.80 1.89 0.00	36.16 1.73 0.00	35.84 1.86 0.00	42.83 2.29 0.00	38.91 2.08 0.00	45.61 2.30 0.00	45.57 2.08 0.00	53.09 2.45 0.00	56.51 2.75 0.00	56.93 2.71 0.00	49.41 2.61 0.00	40.60 2.19 0.00	41.26 2.21 0.00	41.57 2.25 0.00	36.46 1.84 0.00	35.29 1.60 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	49.06 2.05 0.00	39.90 1.71 0.00	36.18 1.68 0.00	38.54 1.78 0.00	40.51 1.85 0.00	37.97 2.03 0.00	49.53 2.68 0.00	54.42 3.15 0.00	42.30 2.40 0.00	36.59 2.16 0.00	36.34 2.36 -0.01	43.42 2.88 0.00	39.44 2.60 -0.01	46.07 2.75 0.00	45.99 2.51 0.00	53.49 2.85 0.00	56.94 3.18 0.00	57.19 2.97 0.00	49.78 2.98 0.00	40.95 2.55 0.00	41.66 2.61 0.00	41.95 2.62 0.00	36.78 2.16 0.00	35.60 1.91 0.00

E179THST_13_KV_LOAD 356214	49.25 2.25 0.00	40.04 1.85 0.00	36.30 1.80 0.00	38.66 1.90 0.00	40.64 1.98 0.00	38.09 2.16 0.00	49.73 2.88 0.00	54.64 3.37 0.00	42.48 2.57 0.00	36.75 2.32 0.00	36.49 2.51 -0.01	43.61 3.07 0.00	39.62 2.78 -0.01	46.28 2.97 0.00	46.20 2.72 0.00	53.73 3.10 0.00	57.20 3.44 0.00	57.47 3.25 0.00	50.02 3.22 0.00	41.15 2.74 0.00	41.85 2.80 0.00	42.13 2.80 0.00	36.93 2.31 0.00	35.74 2.05 0.00
EAST HAMPTON___GT 23717	47.72 0.72 0.00	38.67 0.48 0.00	35.63 1.13 0.00	38.64 1.88 0.00	40.79 2.12 0.00	38.48 2.54 0.00	51.21 4.36 0.00	56.55 5.28 0.00	43.45 3.54 0.00	37.64 3.20 0.00	37.37 3.40 0.00	44.34 3.80 0.00	44.64 2.84 -4.97	45.44 2.13 0.00	44.70 1.22 0.00	52.01 1.37 0.00	62.34 2.15 -6.43	82.31 2.29 -25.80	57.52 2.24 -8.48	40.29 1.89 0.00	40.87 1.82 0.00	41.07 1.75 0.00	36.00 1.38 0.00	34.76 1.07 0.00
EAST RIVER___6 23660	49.07 2.07 0.00	39.81 1.62 0.00	36.07 1.57 0.00	38.44 1.69 0.00	40.51 1.85 0.00	37.88 1.95 0.00	49.61 2.75 0.00	54.46 3.19 0.00	42.34 2.43 0.00	36.71 2.28 0.00	36.48 2.50 -0.01	43.69 3.15 0.00	39.66 2.82 -0.01	46.36 3.05 0.00	46.32 2.83 0.00	53.83 3.19 0.00	57.30 3.54 0.00	57.60 3.39 0.00	50.04 3.23 0.00	41.11 2.70 0.00	41.76 2.71 0.00	42.08 2.76 0.00	36.88 2.26 0.00	35.74 2.05 0.00
EAST RIVER___7 23524	49.07 2.07 0.00	39.81 1.62 0.00	36.07 1.57 0.00	38.44 1.69 0.00	40.51 1.85 0.00	37.88 1.95 0.00	49.61 2.75 0.00	54.46 3.19 0.00	42.34 2.43 0.00	36.71 2.28 0.00	36.48 2.50 -0.01	43.69 3.15 0.00	39.66 2.82 -0.01	46.36 3.05 0.00	46.32 2.83 0.00	53.83 3.19 0.00	57.30 3.54 0.00	57.60 3.39 0.00	50.04 3.23 0.00	41.11 2.70 0.00	41.76 2.71 0.00	42.08 2.76 0.00	36.88 2.26 0.00	35.74 2.05 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	48.72 1.71 0.00	39.53 1.34 0.00	35.81 1.31 0.00	38.19 1.44 0.00	40.16 1.49 0.00	37.55 1.61 0.00	49.19 2.34 0.00	53.95 2.68 0.00	41.89 1.99 0.00	36.28 1.84 0.00	36.03 2.06 0.00	43.14 2.60 0.00	39.16 2.33 0.00	45.80 2.49 0.00	45.75 2.27 0.00	53.24 2.60 0.00	56.67 2.92 0.00	57.03 2.81 0.00	49.54 2.74 0.00	40.71 2.30 0.00	41.37 2.32 0.00	41.69 2.36 0.00	36.56 1.95 0.00	35.39 1.70 0.00
EAST_HAMPTON___DIESEL 23722	47.58 0.57 0.00	38.57 0.39 0.00	35.57 1.06 0.00	38.59 1.84 0.00	40.75 2.09 0.00	38.46 2.52 0.00	51.19 4.34 0.00	56.55 5.28 0.00	43.45 3.54 0.00	37.64 3.20 0.00	37.36 3.39 0.00	44.31 3.77 0.00	44.60 2.80 -4.97	45.36 2.05 0.00	44.57 1.09 0.00	51.84 1.20 0.00	62.17 1.97 -6.43	82.13 2.11 -25.80	57.35 2.08 -8.48	40.17 1.76 0.00	40.74 1.68 0.00	40.94 1.61 0.00	35.88 1.26 0.00	34.63 0.94 0.00
EAST_POINT___SOLAR 323840	48.56 1.56 0.00	39.47 1.29 0.00	35.55 1.05 0.00	37.89 1.14 0.00	39.91 1.25 0.00	37.13 1.19 0.00	48.64 1.79 0.00	53.22 1.95 0.00	40.94 1.03 0.00	34.59 0.15 0.00	34.30 0.33 0.00	40.55 0.01 0.00	36.99 0.17 0.00	44.01 0.69 0.00	44.64 1.16 0.00	51.94 1.31 0.00	55.42 1.66 0.00	56.09 1.87 0.00	48.36 1.56 0.00	39.59 1.18 0.00	40.10 1.04 0.00	40.33 1.01 0.00	35.47 0.85 0.00	34.45 0.76 0.00
EAST_PULASKI___ESR 323781	46.18 -0.82 0.00	37.45 -0.73 0.00	33.75 -0.75 0.00	35.92 -0.83 0.00	37.77 -0.89 0.00	35.05 -0.88 0.00	45.75 -1.10 0.00	50.03 -1.24 0.00	38.93 -0.98 0.00	33.40 -1.03 0.00	32.78 -1.19 0.00	39.06 -1.48 0.00	35.40 -1.43 0.00	41.98 -1.34 0.00	42.31 -1.17 0.00	49.21 -1.43 0.00	52.21 -1.55 0.00	52.74 -1.48 0.00	45.47 -1.34 0.00	37.38 -1.03 0.00	37.90 -1.15 0.00	38.12 -1.20 0.00	33.56 -1.05 0.00	32.65 -1.04 0.00
EAST_RIVER___1 323558	49.11 2.11 0.00	39.85 1.66 0.00	36.12 1.61 0.00	38.49 1.74 0.00	40.49 1.83 0.00	37.89 1.96 0.00	49.63 2.77 0.00	54.47 3.20 0.00	42.32 2.42 0.00	36.68 2.25 0.00	36.46 2.48 -0.01	43.63 3.09 0.00	39.61 2.77 -0.01	46.30 2.98 0.00	46.24 2.76 0.00	53.76 3.13 0.00	57.23 3.47 0.00	57.52 3.31 0.00	49.99 3.18 0.00	41.08 2.67 0.00	41.75 2.70 0.00	42.05 2.73 0.00	36.87 2.25 0.00	35.68 2.00 0.00
EAST_RIVER___2 323559	49.07 2.07 0.00	39.81 1.62 0.00	36.07 1.57 0.00	38.44 1.69 0.00	40.51 1.85 0.00	37.88 1.95 0.00	49.61 2.75 0.00	54.46 3.19 0.00	42.34 2.43 0.00	36.71 2.28 0.00	36.48 2.50 -0.01	43.69 3.15 0.00	39.66 2.82 -0.01	46.36 3.05 0.00	46.32 2.83 0.00	53.83 3.19 0.00	57.30 3.54 0.00	57.60 3.39 0.00	50.04 3.23 0.00	41.11 2.70 0.00	41.76 2.71 0.00	42.08 2.76 0.00	36.88 2.26 0.00	35.74 2.05 0.00
EAST___DELAWARE_HYD 23607	47.84 0.84 0.00	38.82 0.63 0.00	35.13 0.63 0.00	37.47 0.72 0.00	39.41 0.75 0.00	36.85 0.91 0.00	48.30 1.45 0.00	52.95 1.69 0.00	41.06 1.15 0.00	35.50 1.06 0.00	35.08 1.11 0.00	41.75 1.21 0.00	37.97 1.14 0.00	44.62 1.31 0.00	44.64 1.16 0.00	52.18 1.54 0.00	55.57 1.81 0.00	56.05 1.84 0.00	48.62 1.82 0.00	39.94 1.53 0.00	40.55 1.50 0.00	40.82 1.50 0.00	35.80 1.18 0.00	34.64 0.95 0.00
EIGHT_POINT___WT_PWR 323820	45.42 -1.58 0.00	36.38 -1.81 0.00	32.32 -2.19 0.00	33.95 -2.81 0.00	35.43 -3.23 0.00	31.68 -3.55 0.71	41.53 -5.19 0.14	45.37 -5.89 0.00	35.02 -4.88 0.00	30.00 -4.43 0.00	29.79 -4.18 0.00	35.97 -4.57 0.00	32.81 -4.02 0.00	38.53 -4.78 0.00	39.22 -4.26 0.00	45.38 -5.26 0.00	47.94 -5.82 0.00	49.03 -5.19 0.00	42.21 -4.59 0.00	34.83 -3.58 0.00	35.43 -3.62 0.00	35.45 -3.87 0.00	31.12 -3.49 0.00	30.46 -3.23 0.00
ELBRIDGE_115KV_TB2 80188	45.92 -1.09 0.00	37.23 -0.95 0.00	33.64 -0.86 0.00	35.86 -0.89 0.00	37.67 -0.99 0.00	35.06 -0.93 -0.05	45.73 -1.13 0.00	50.03 -1.24 0.00	38.86 -1.05 0.00	33.54 -0.90 0.00	33.08 -0.90 0.00	39.61 -0.93 0.00	36.05 -0.78 0.00	42.41 -0.90 0.00	42.59 -0.89 0.00	49.59 -1.05 0.00	52.68 -1.08 0.00	53.22 -1.01 0.00	45.94 -0.86 0.00	37.73 -0.68 0.00	38.22 -0.83 0.00	38.43 -0.90 0.00	33.74 -0.88 0.00	32.88 -0.81 0.00
ELEC_TRO_TEK 24086	48.89 1.89 0.00	39.58 1.39 0.00	35.95 1.45 0.00	38.37 1.61 0.00	40.24 1.57 0.00	37.67 1.73 0.00	49.53 2.68 0.00	54.37 3.10 0.00	42.07 2.16 0.00	36.53 2.09 0.00	36.39 2.42 0.00	43.52 2.98 0.00	48.24 2.64 -8.77	45.95 2.64 0.00	45.93 2.44 0.00	53.52 2.88 0.00	68.53 3.31 -11.46	103.46 3.23 -46.00	65.00 3.09 -15.11	41.01 2.61 0.00	41.70 2.65 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.65 1.96 0.00
ELLENBURG_WT_PWR 323604	48.11 1.10 0.00	39.05 0.86 0.00	35.03 0.53 0.00	37.28 0.53 0.00	39.32 0.66 0.00	36.49 0.55 0.00	47.54 0.69 0.00	52.12 0.85 0.00	40.50 0.59 0.00	34.98 0.54 0.00	34.08 0.11 0.00	40.44 -0.09 0.00	36.82 -0.01 0.00	43.40 0.09 0.00	43.86 0.38 0.00	50.90 0.26 0.00	53.86 0.10 0.00	54.20 -0.02 0.00	45.97 -0.83 0.00	37.43 -0.98 0.00	38.06 -0.99 0.00	38.52 -0.81 0.00	34.19 -0.43 0.00	33.41 -0.28 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	44.25 -2.75 0.00	35.59 -2.60 0.00	31.68 -2.82 0.00	33.73 -3.03 0.00	35.43 -3.24 0.00	31.72 -3.96 0.26	41.25 -5.55 0.05	45.34 -5.92 0.00	35.50 -4.40 0.00	30.89 -3.55 0.00	30.79 -3.18 0.00	37.06 -3.48 0.00	33.70 -3.13 0.00	39.74 -3.57 0.00	40.07 -3.41 0.00	46.41 -4.23 0.00	48.96 -4.80 0.00	49.91 -4.31 0.00	42.67 -4.14 0.00	35.26 -3.15 0.00	35.48 -3.57 0.00	35.50 -3.82 0.00	31.10 -3.52 0.00	30.48 -3.21 0.00
EMPIRE_CC_1 323656	46.77 -0.23 0.00	38.25 0.07 0.00	34.75 0.25 0.00	37.06 0.31 0.00	39.01 0.35 0.00	36.43 0.49 0.00	47.26 0.41 0.00	51.45 0.18 0.00	40.23 0.33 0.00	34.68 0.25 0.00	34.36 0.39 0.00	41.13 0.59 0.00	37.28 0.45 0.00	43.75 0.44 0.00	43.77 0.29 0.00	51.05 0.41 0.00	54.22 0.46 0.00	54.49 0.27 0.00	47.43 0.63 0.00	39.09 0.68 0.00	39.81 0.76 0.00	40.06 0.74 0.00	35.24 0.63 0.00	34.22 0.53 0.00
EMPIRE_CC_2 323658	46.77 -0.23 0.00	38.25 0.07 0.00	34.75 0.25 0.00	37.06 0.31 0.00	39.01 0.35 0.00	36.43 0.49 0.00	47.26 0.41 0.00	51.45 0.18 0.00	40.23 0.33 0.00	34.68 0.25 0.00	34.36 0.39 0.00	41.13 0.59 0.00	37.28 0.45 0.00	43.75 0.44 0.00	43.77 0.29 0.00	51.05 0.41 0.00	54.22 0.46 0.00	54.49 0.27 0.00	47.43 0.63 0.00	39.09 0.68 0.00	39.81 0.76 0.00	40.06 0.74 0.00	35.24 0.63 0.00	34.22 0.53 0.00
ENORWICH_115KV_TB1 80156	49.37 2.37 0.00	39.87 1.69 0.00	35.82 1.31 0.00	38.22 1.47 0.00	40.15 1.49 0.00	37.44 1.16 -0.35	48.59 1.67 -0.07	52.50 1.23 0.00	40.37 0.46 0.00	34.34 -0.10 0.00	33.51 -0.46 0.00	39.75 -0.79 0.00	36.44 -0.39 0.00	43.06 -0.25 0.00	43.64 0.16 0.00	50.86 0.23 0.00	54.25 0.48 0.00	55.13 0.91 0.00	47.26 0.46 0.00	38.79 0.38 0.00	39.29 0.25 0.00	39.43 0.10 0.00	34.73 0.11 0.00	33.80 0.11 0.00
ERIE_ST__34_KV_TB1-2 80199	44.67 -2.34 0.00	35.90 -2.29 0.00	31.95 -2.56 0.00	34.03 -2.73 0.00	35.75 -2.91 0.00	32.07 -3.58 0.29	41.88 -4.92 0.06	46.02 -5.24 0.00	35.99 -3.92 0.00	31.27 -3.16 0.00	31.18 -2.79 0.00	37.53 -3.01 0.00	34.10 -2.72 0.00	40.26 -3.05 0.00	40.61 -2.87 0.00	47.02 -3.62 0.00	49.63 -4.13 0.00	50.59 -3.63 0.00	43.26 -3.54 0.00	35.75 -2.66 0.00	35.95 -3.09 0.00	35.99 -3.33 0.00	31.48 -3.15 0.00	30.80 -2.89 0.00
ERIE_WT_PWR 323693	44.54 -2.47 0.00	35.78 -2.41 0.00	31.84 -2.66 0.00	33.90 -2.85 0.00	35.61 -3.05 0.00	31.88 -3.77 0.28	41.48 -5.31 0.06	45.58 -5.68 0.00	35.65 -4.26 0.00	30.96 -3.48 0.00	30.87 -3.10 0.00	37.17 -3.37 0.00	33.77 -3.06 0.00	39.87 -3.44 0.00	40.22 -3.26 0.00	46.60 -4.03 0.00	49.16 -4.60 0.00	50.16 -4.06 0.00	42.89 -3.92 0.00	35.43 -2.98 0.00	35.66 -3.39 0.00	35.67 -3.65 0.00	31.23 -3.39 0.00	30.60 -3.09 0.00
ESPRGFLD_115KV_TB1 80157	47.89 0.89 0.00	38.84 0.65 0.00	34.91 0.40 0.00	37.21 0.46 0.00	39.15 0.49 0.00	36.31 0.37 0.00	47.49 0.64 0.00	52.07 0.80 0.00	40.27 0.37 0.00	34.72 0.28 0.00	34.10 0.13 0.00	40.73 0.19 0.00	37.09 0.26 0.00	43.55 0.24 0.00	43.85 0.37 0.00	50.96 0.32 0.00	54.15 0.39 0.00	54.82 0.60 0.00	47.19 0.39 0.00	38.64 0.23 0.00	39.16 0.11 0.00	39.42 0.09 0.00	34.67 0.05 0.00	33.68 -0.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	47.22 0.22 0.00	38.27 0.09 0.00	34.52 0.02 0.00	36.78 0.03 0.00	38.68 0.01 0.00	36.76 -0.02 -0.85	47.14 0.11 -0.17	51.35 0.08 -0.01	39.79 -0.12 0.00	34.23 -0.21 0.00	33.65 -0.32 0.00	40.21 -0.33 0.00	36.68 -0.15 0.00	43.30 -0.02 0.00	43.49 0.00 0.00	50.74 0.11 0.00	53.96 0.19 0.00	54.55 0.33 0.00	47.06 0.26 0.00	38.67 0.26 0.00	39.17 0.12 0.00	39.34 0.01 0.00	34.52 -0.10 0.00	33.59 -0.10 0.00
ETNA____115KV_TB2 80207	47.22 0.22 0.00	38.27 0.09 0.00	34.52 0.02 0.00	36.78 0.03 0.00	38.68 0.01 0.00	36.76 -0.02 -0.85	47.14 0.11 -0.17	51.35 0.08 -0.01	39.79 -0.12 0.00	34.23 -0.21 0.00	33.65 -0.32 0.00	40.21 -0.33 0.00	36.68 -0.15 0.00	43.30 -0.02 0.00	43.49 0.00 0.00	50.74 0.11 0.00	53.96 0.19 0.00	54.55 0.33 0.00	47.06 0.26 0.00	38.67 0.26 0.00	39.17 0.12 0.00	39.34 0.01 0.00	34.52 -0.10 0.00	33.59 -0.10 0.00
EUCLID__115KV_TB2 356179	45.67 -1.33 0.00	37.07 -1.11 0.00	33.47 -1.03 0.00	35.66 -1.10 0.00	37.50 -1.16 0.00	34.81 -1.13 0.00	45.40 -1.45 0.00	49.70 -1.56 0.00	38.71 -1.20 0.00	33.40 -1.03 0.00	32.95 -1.02 0.00	39.41 -1.13 0.00	35.86 -0.97 0.00	42.20 -1.11 0.00	42.38 -1.10 0.00	49.34 -1.30 0.00	52.40 -1.36 0.00	52.90 -1.32 0.00	45.64 -1.16 0.00	37.49 -0.91 0.00	38.04 -1.01 0.00	38.22 -1.10 0.00	33.60 -1.02 0.00	32.73 -0.95 0.00
E_CANADA_CAP_HY 24051	47.66 0.66 0.00	38.72 0.54 0.00	34.83 0.32 0.00	37.11 0.35 0.00	39.06 0.40 0.00	36.27 0.33 0.00	47.36 0.51 0.00	51.87 0.60 0.00	40.08 0.17 0.00	34.41 -0.02 0.00	33.85 -0.13 0.00	40.39 -0.15 0.00	36.64 -0.19 0.00	43.20 -0.11 0.00	43.66 0.18 0.00	50.75 0.11 0.00	53.82 0.06 0.00	54.44 0.22 0.00	46.86 0.06 0.00	38.33 -0.08 0.00	38.85 -0.20 0.00	39.14 -0.18 0.00	34.55 -0.07 0.00	33.60 -0.09 0.00
E_CANADA_MHWK_HY 24050	49.20 2.20 0.00	40.04 1.85 0.00	36.34 1.83 0.00	38.74 1.98 0.00	40.74 2.08 0.00	38.09 2.16 0.00	49.61 2.76 0.00	53.95 2.68 0.00	41.72 1.82 0.00	35.30 0.86 0.00	35.16 1.19 0.00	41.55 1.01 0.00	37.71 0.88 0.00	44.86 1.55 0.00	45.42 1.94 0.00	52.94 2.30 0.00	56.61 2.85 0.00	57.27 3.05 0.00	49.60 2.80 0.00	40.77 2.37 0.00	41.36 2.30 0.00	41.48 2.16 0.00	36.46 1.84 0.00	35.31 1.62 0.00
E_FISHKILL__LBMP 23776	48.39 1.39 0.00	39.30 1.11 0.00	35.61 1.10 0.00	37.97 1.21 0.00	39.90 1.24 0.00	37.29 1.36 0.00	48.79 1.94 0.00	53.46 2.19 0.00	41.56 1.66 0.00	35.98 1.55 0.00	35.71 1.74 0.00	42.73 2.19 0.00	38.79 1.96 0.00	45.40 2.08 0.00	45.36 1.88 0.00	52.80 2.17 0.00	56.18 2.42 0.00	56.53 2.31 0.00	49.10 2.30 0.00	40.37 1.96 0.00	41.04 1.99 0.00	41.34 2.01 0.00	36.30 1.67 0.00	35.14 1.45 0.00
FALCON__SEABRD_CC1 323796	48.47 1.47 0.00	39.35 1.17 0.00	35.28 0.78 0.00	37.55 0.79 0.00	39.61 0.95 0.00	36.77 0.83 0.00	47.92 1.07 0.00	52.56 1.30 0.00	40.83 0.93 0.00	35.25 0.82 0.00	34.37 0.39 0.00	40.71 0.17 0.00	37.05 0.22 0.00	43.65 0.33 0.00	44.10 0.62 0.00	51.21 0.58 0.00	54.27 0.51 0.00	54.63 0.41 0.00	46.31 -0.50 0.00	37.65 -0.76 0.00	38.22 -0.82 0.00	38.67 -0.65 0.00	34.34 -0.28 0.00	33.59 -0.10 0.00
FALCON__SEABRD_CC2 323797	48.47 1.47 0.00	39.35 1.17 0.00	35.28 0.78 0.00	37.55 0.79 0.00	39.61 0.95 0.00	36.77 0.83 0.00	47.92 1.07 0.00	52.56 1.30 0.00	40.83 0.93 0.00	35.25 0.82 0.00	34.37 0.39 0.00	40.71 0.17 0.00	37.05 0.22 0.00	43.65 0.33 0.00	44.10 0.62 0.00	51.21 0.58 0.00	54.27 0.51 0.00	54.63 0.41 0.00	46.31 -0.50 0.00	37.65 -0.76 0.00	38.22 -0.82 0.00	38.67 -0.65 0.00	34.34 -0.28 0.00	33.59 -0.10 0.00

FAR ROCKAWAY___4 23548	49.41 2.41 0.00	40.00 1.82 0.00	36.32 1.82 0.00	38.76 2.01 0.00	40.64 1.97 0.00	38.02 2.08 0.00	50.06 3.21 0.00	54.93 3.67 0.00	42.49 2.58 0.00	36.93 2.50 0.00	36.80 2.83 0.00	44.02 3.49 0.00	47.92 3.07 -8.02	46.48 3.16 0.00	46.47 2.99 0.00	54.16 3.53 0.00	68.27 4.02 -10.48	100.25 3.97 -42.06	64.32 3.70 -13.81	41.50 3.10 0.00	42.19 3.14 0.00	42.47 3.15 0.00	37.24 2.63 0.00	36.05 2.36 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	49.12 2.12 0.00	39.87 1.68 0.00	36.13 1.62 0.00	38.51 1.76 0.00	40.49 1.83 0.00	37.90 1.96 0.00	49.62 2.77 0.00	54.46 3.20 0.00	42.33 2.42 0.00	36.68 2.24 0.00	36.44 2.46 -0.01	43.61 3.07 0.00	39.60 2.77 -0.01	46.29 2.97 0.00	46.23 2.75 0.00	53.73 3.09 0.00	57.20 3.44 0.00	57.51 3.29 0.00	49.98 3.18 0.00	41.07 2.67 0.00	41.75 2.70 0.00	42.05 2.73 0.00	36.87 2.25 0.00	35.68 1.99 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	49.12 2.12 0.00	39.87 1.68 0.00	36.13 1.63 0.00	38.52 1.76 0.00	40.49 1.83 0.00	37.91 1.97 0.00	49.64 2.79 0.00	54.48 3.22 0.00	42.34 2.43 0.00	36.68 2.25 0.00	36.44 2.46 -0.01	43.61 3.07 0.00	39.60 2.77 -0.01	46.28 2.97 0.00	46.22 2.74 0.00	53.73 3.09 0.00	57.20 3.44 0.00	57.51 3.29 0.00	49.98 3.18 0.00	41.08 2.68 0.00	41.75 2.70 0.00	42.06 2.73 0.00	36.88 2.26 0.00	35.68 2.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	49.09 2.09 0.00	39.84 1.66 0.00	36.10 1.60 0.00	38.48 1.73 0.00	40.47 1.81 0.00	37.89 1.95 0.00	49.60 2.75 0.00	54.45 3.18 0.00	42.31 2.41 0.00	36.66 2.22 0.00	36.42 2.44 -0.01	43.60 3.06 0.00	39.58 2.74 -0.01	46.26 2.95 0.00	46.20 2.72 0.00	53.71 3.08 0.00	57.17 3.42 0.00	57.48 3.26 0.00	49.94 3.14 0.00	41.05 2.64 0.00	41.71 2.66 0.00	42.02 2.70 0.00	36.85 2.23 0.00	35.66 1.97 0.00
FARRAGUT___LBMP 323566	49.07 2.07 0.00	39.83 1.64 0.00	36.09 1.59 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.86 1.92 0.00	49.57 2.71 0.00	54.40 3.14 0.00	42.28 2.37 0.00	36.62 2.18 0.00	36.39 2.41 -0.01	43.56 3.02 0.00	39.54 2.70 -0.01	46.23 2.91 0.00	46.16 2.68 0.00	53.66 3.03 0.00	57.12 3.36 0.00	57.42 3.20 0.00	49.90 3.10 0.00	41.02 2.61 0.00	41.69 2.64 0.00	41.99 2.67 0.00	36.83 2.21 0.00	35.64 1.95 0.00
FENNER___WINDPWR 24204	47.50 0.50 0.00	38.58 0.39 0.00	34.85 0.35 0.00	37.14 0.39 0.00	39.09 0.42 0.00	36.54 0.44 -0.17	47.63 0.74 -0.04	52.00 0.74 0.00	40.39 0.48 0.00	34.75 0.31 0.00	34.15 0.18 0.00	40.64 0.10 0.00	37.12 0.29 0.00	43.85 0.54 0.00	44.08 0.59 0.00	51.31 0.68 0.00	54.61 0.85 0.00	54.95 0.73 0.00	47.40 0.60 0.00	38.90 0.49 0.00	39.46 0.41 0.00	39.64 0.32 0.00	34.83 0.21 0.00	33.83 0.14 0.00
FIBERTEK___ENERGY 23856	46.16 -0.85 0.00	37.45 -0.73 0.00	33.83 -0.67 0.00	36.05 -0.70 0.00	37.89 -0.77 0.00	35.26 -0.72 -0.04	46.01 -0.85 0.00	50.33 -0.93 0.00	39.14 -0.77 0.00	33.75 -0.69 0.00	33.27 -0.70 0.00	39.82 -0.72 0.00	36.26 -0.57 0.00	42.67 -0.64 0.00	42.86 -0.62 0.00	49.89 -0.74 0.00	53.01 -0.75 0.00	53.54 -0.68 0.00	46.20 -0.60 0.00	37.94 -0.46 0.00	38.46 -0.58 0.00	38.65 -0.67 0.00	33.95 -0.67 0.00	33.07 -0.62 0.00
FITZPATRICK___ 23598	45.07 -1.93 0.00	36.60 -1.59 0.00	33.07 -1.43 0.00	35.22 -1.54 0.00	37.03 -1.63 0.00	34.39 -1.55 0.00	44.83 -2.02 0.00	49.06 -2.21 0.00	38.21 -1.69 0.00	32.96 -1.47 0.00	32.53 -1.45 0.00	38.87 -1.67 0.00	35.35 -1.48 0.00	41.59 -1.72 0.00	41.76 -1.72 0.00	48.63 -2.01 0.00	51.62 -2.14 0.00	52.13 -2.10 0.00	44.98 -1.83 0.00	36.94 -1.47 0.00	37.49 -1.56 0.00	37.70 -1.62 0.00	33.17 -1.45 0.00	32.34 -1.35 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	49.01 2.01 0.00	39.79 1.61 0.00	36.03 1.53 0.00	38.41 1.66 0.00	40.39 1.73 0.00	37.76 1.83 0.00	49.47 2.62 0.00	54.28 3.01 0.00	42.30 2.40 0.00	36.61 2.18 0.00	36.26 2.28 0.00	43.32 2.78 0.00	39.37 2.54 0.00	46.14 2.83 0.00	46.06 2.58 0.00	53.53 2.89 0.00	56.97 3.21 0.00	57.36 3.14 0.00	49.80 3.00 0.00	40.93 2.52 0.00	41.57 2.52 0.00	41.86 2.53 0.00	36.72 2.10 0.00	35.53 1.84 0.00
FORT ORANGE___ 23900	47.02 0.02 0.00	38.38 0.20 0.00	34.92 0.41 0.00	37.12 0.36 0.00	39.05 0.39 0.00	36.52 0.59 0.00	47.41 0.56 0.00	51.73 0.47 0.00	40.42 0.51 0.00	34.87 0.43 0.00	34.51 0.53 0.00	41.16 0.63 0.00	37.38 0.55 0.00	43.84 0.53 0.00	43.86 0.38 0.00	51.16 0.52 0.00	54.49 0.74 0.00	54.88 0.66 0.00	47.62 0.82 0.00	39.23 0.83 0.00	39.87 0.82 0.00	40.11 0.79 0.00	35.33 0.71 0.00	34.34 0.65 0.00
FORT_DRUM_COGEN 23780	48.15 1.14 0.00	38.95 0.76 0.00	34.95 0.45 0.00	37.24 0.48 0.00	39.12 0.46 0.00	36.32 0.38 0.00	47.63 0.78 0.00	51.90 0.64 0.00	40.14 0.23 0.00	33.91 -0.52 0.00	32.71 -1.26 0.00	38.55 -1.99 0.00	34.73 -2.10 0.00	41.92 -1.39 0.00	42.80 -0.69 0.00	49.75 -0.88 0.00	52.87 -0.89 0.00	53.32 -0.90 0.00	45.86 -0.94 0.00	37.58 -0.83 0.00	38.09 -0.95 0.00	38.32 -1.00 0.00	33.79 -0.83 0.00	32.76 -0.93 0.00
FOX_HILLS___ESR 323835	49.36 2.36 0.00	40.08 1.89 0.00	36.33 1.83 0.00	38.72 1.97 0.00	40.71 2.05 0.00	38.13 2.19 0.00	49.87 3.02 0.00	54.76 3.48 0.00	42.54 2.63 0.00	36.80 2.37 0.00	36.55 2.57 -0.01	43.69 3.15 0.00	39.72 2.89 -0.01	46.39 3.08 0.00	46.32 2.84 0.00	53.84 3.20 0.00	57.27 3.51 0.00	57.53 3.31 0.00	50.13 3.33 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.11 0.00
FPL_FAR_ROCK_GT1 24212	49.41 2.40 0.00	40.00 1.82 0.00	36.32 1.82 0.00	38.76 2.01 0.00	40.63 1.97 0.00	38.02 2.08 0.00	50.06 3.21 0.00	54.93 3.67 0.00	42.48 2.57 0.00	36.94 2.50 0.00	36.80 2.83 0.00	44.02 3.49 0.00	47.92 3.07 -8.02	46.47 3.16 0.00	46.47 2.99 0.00	54.16 3.52 0.00	68.26 4.02 -10.48	100.26 3.98 -42.06	64.32 3.70 -13.81	41.51 3.10 0.00	42.19 3.14 0.00	42.47 3.15 0.00	37.24 2.63 0.00	36.05 2.36 0.00
FPL_FAR_ROCK_GT2 23815	49.41 2.40 0.00	40.00 1.82 0.00	36.32 1.82 0.00	38.76 2.01 0.00	40.63 1.97 0.00	38.02 2.08 0.00	50.06 3.21 0.00	54.93 3.67 0.00	42.48 2.57 0.00	36.94 2.50 0.00	36.80 2.83 0.00	44.02 3.49 0.00	47.92 3.07 -8.02	46.47 3.16 0.00	46.47 2.99 0.00	54.16 3.52 0.00	68.26 4.02 -10.48	100.26 3.98 -42.06	64.32 3.70 -13.81	41.51 3.10 0.00	42.19 3.14 0.00	42.47 3.15 0.00	37.24 2.63 0.00	36.05 2.36 0.00
FRANKLIN_FALL_HYD 24054	48.96 1.95 0.00	39.71 1.52 0.00	35.57 1.07 0.00	37.87 1.11 0.00	39.94 1.28 0.00	37.06 1.13 0.00	48.38 1.53 0.00	53.09 1.82 0.00	41.29 1.38 0.00	35.66 1.22 0.00	34.73 0.76 0.00	41.10 0.56 0.00	37.35 0.51 0.00	44.08 0.77 0.00	44.59 1.10 0.00	51.76 1.12 0.00	54.70 0.93 0.00	55.06 0.84 0.00	46.73 -0.07 0.00	38.04 -0.37 0.00	38.71 -0.34 0.00	39.18 -0.14 0.00	34.78 0.15 0.00	33.93 0.24 0.00

FREEPORT_EQUS_GT1 23764	49.05 2.04 0.00	39.69 1.51 0.00	36.05 1.55 0.00	38.48 1.72 0.00	40.34 1.68 0.00	37.78 1.85 0.00	49.75 2.90 0.00	54.62 3.35 0.00	42.19 2.28 0.00	36.65 2.22 0.00	36.54 2.57 0.00	43.69 3.15 0.00	46.36 2.78 -6.76	46.04 2.72 0.00	46.03 2.55 0.00	53.72 3.09 0.00	66.13 3.55 -8.82	92.98 3.39 -35.38	61.80 3.38 -11.62	41.25 2.84 0.00	41.91 2.86 0.00	42.20 2.88 0.00	37.00 2.38 0.00	35.81 2.13 0.00
FREEPORT___CT2 23818	49.05 2.04 0.00	39.69 1.51 0.00	36.05 1.55 0.00	38.48 1.72 0.00	40.34 1.68 0.00	37.78 1.85 0.00	49.75 2.90 0.00	54.62 3.35 0.00	42.19 2.28 0.00	36.65 2.22 0.00	36.54 2.57 0.00	43.69 3.15 0.00	46.36 2.78 -6.76	46.04 2.72 0.00	46.03 2.55 0.00	53.72 3.09 0.00	66.13 3.55 -8.82	92.98 3.39 -35.38	61.80 3.38 -11.62	41.25 2.84 0.00	41.91 2.86 0.00	42.20 2.88 0.00	37.00 2.38 0.00	35.81 2.13 0.00
FRESHKLS_33_KV_LOAD 356253	49.51 2.50 0.00	40.21 2.02 0.00	36.45 1.95 0.00	38.85 2.09 0.00	40.85 2.19 0.00	38.25 2.32 0.00	50.03 3.18 0.00	54.90 3.63 0.00	42.65 2.75 0.00	36.88 2.45 0.00	36.62 2.64 -0.01	43.73 3.19 0.00	39.77 2.94 -0.01	46.44 3.13 0.00	46.41 2.93 0.00	53.94 3.30 0.00	57.37 3.61 0.00	57.63 3.41 0.00	50.25 3.45 0.00	41.30 2.89 0.00	41.98 2.93 0.00	42.28 2.96 0.00	37.07 2.45 0.00	35.86 2.17 0.00
FULTON COGEN____ 23766	45.46 -1.54 0.00	36.92 -1.27 0.00	33.35 -1.16 0.00	35.52 -1.24 0.00	37.36 -1.30 0.00	34.69 -1.24 0.00	45.26 -1.59 0.00	49.55 -1.72 0.00	38.59 -1.32 0.00	33.28 -1.16 0.00	32.80 -1.18 0.00	39.22 -1.32 0.00	35.69 -1.14 0.00	42.01 -1.30 0.00	42.20 -1.28 0.00	49.13 -1.50 0.00	52.12 -1.64 0.00	52.67 -1.55 0.00	45.44 -1.36 0.00	37.33 -1.07 0.00	37.87 -1.18 0.00	38.06 -1.26 0.00	33.45 -1.17 0.00	32.59 -1.10 0.00
FULTON___LFGE 323630	48.29 1.29 0.00	39.26 1.08 0.00	35.39 0.89 0.00	37.73 0.98 0.00	39.70 1.04 0.00	36.96 1.03 0.00	48.37 1.52 0.00	52.97 1.70 0.00	40.96 1.05 0.00	34.80 0.36 0.00	34.38 0.41 0.00	40.91 0.37 0.00	36.86 0.03 0.00	43.96 0.65 0.00	44.61 1.13 0.00	51.97 1.34 0.00	55.30 1.54 0.00	55.86 1.64 0.00	48.17 1.37 0.00	39.48 1.07 0.00	40.02 0.97 0.00	40.25 0.93 0.00	35.41 0.79 0.00	34.40 0.71 0.00
G.F.CEMENT___DRP 24184	48.48 1.48 0.00	39.63 1.45 0.00	36.04 1.53 0.00	38.44 1.68 0.00	40.37 1.71 0.00	37.81 1.87 0.00	49.24 2.39 0.00	53.64 2.38 0.00	41.71 1.81 0.00	35.80 1.37 0.00	35.48 1.51 0.00	42.61 2.07 0.00	38.36 1.53 0.00	45.25 1.94 0.00	45.42 1.94 0.00	52.90 2.27 0.00	56.60 2.84 0.00	56.79 2.57 0.00	49.38 2.57 0.00	40.53 2.12 0.00	40.87 1.82 0.00	40.99 1.67 0.00	36.07 1.45 0.00	34.99 1.30 0.00
GARDENVILLE___LBMP 24039	44.42 -2.58 0.00	35.69 -2.50 0.00	31.76 -2.74 0.00	33.80 -2.96 0.00	35.49 -3.17 0.00	31.73 -3.88 0.32	41.28 -5.51 0.06	45.28 -5.98 0.00	35.40 -4.51 0.00	30.74 -3.70 0.00	30.63 -3.34 0.00	36.88 -3.65 0.00	33.54 -3.29 0.00	39.58 -3.73 0.00	39.98 -3.51 0.00	46.26 -4.37 0.00	48.82 -4.94 0.00	49.81 -4.41 0.00	42.62 -4.18 0.00	35.18 -3.22 0.00	35.43 -3.62 0.00	35.46 -3.87 0.00	31.06 -3.56 0.00	30.44 -3.25 0.00
GARDNVLA_35_KV_LD 355827	44.67 -2.33 0.00	35.88 -2.31 0.00	31.93 -2.57 0.00	33.98 -2.77 0.00	35.70 -2.96 0.00	31.98 -3.68 0.28	41.63 -5.17 0.05	45.75 -5.52 0.00	35.76 -4.15 0.00	31.07 -3.36 0.00	30.99 -2.99 0.00	37.31 -3.23 0.00	33.93 -2.90 0.00	40.04 -3.27 0.00	40.40 -3.08 0.00	46.80 -3.84 0.00	49.37 -4.39 0.00	50.36 -3.86 0.00	43.09 -3.71 0.00	35.58 -2.83 0.00	35.79 -3.26 0.00	35.80 -3.52 0.00	31.35 -3.28 0.00	30.72 -2.97 0.00
GELCKHM___115KV_LOAD 80723	45.86 -1.15 0.00	37.21 -0.98 0.00	33.61 -0.89 0.00	35.80 -0.95 0.00	37.65 -1.01 0.00	34.96 -0.98 0.00	45.63 -1.22 0.00	49.93 -1.33 0.00	38.87 -1.04 0.00	33.53 -0.91 0.00	33.07 -0.90 0.00	39.55 -0.99 0.00	36.00 -0.83 0.00	42.37 -0.94 0.00	42.54 -0.94 0.00	49.54 -1.10 0.00	52.62 -1.14 0.00	53.14 -1.08 0.00	45.86 -0.95 0.00	37.67 -0.74 0.00	38.20 -0.85 0.00	38.38 -0.95 0.00	33.73 -0.89 0.00	32.86 -0.83 0.00
GENERAL___MILLS 23808	44.51 -2.49 0.00	35.76 -2.42 0.00	31.83 -2.67 0.00	33.88 -2.87 0.00	35.60 -3.07 0.00	31.86 -3.79 0.28	41.47 -5.32 0.06	45.56 -5.71 0.00	35.63 -4.27 0.00	30.97 -3.47 0.00	30.88 -3.10 0.00	37.16 -3.37 0.00	33.79 -3.04 0.00	39.87 -3.44 0.00	40.23 -3.25 0.00	46.60 -4.04 0.00	49.16 -4.60 0.00	50.13 -4.09 0.00	42.88 -3.92 0.00	35.42 -2.99 0.00	35.64 -3.41 0.00	35.66 -3.66 0.00	31.23 -3.40 0.00	30.59 -3.09 0.00
GE_PLASTICS___DRP 24183	47.07 0.06 0.00	38.38 0.19 0.00	34.86 0.36 0.00	37.08 0.33 0.00	39.02 0.36 0.00	36.43 0.50 0.00	47.36 0.51 0.00	51.72 0.45 0.00	40.37 0.46 0.00	34.85 0.41 0.00	34.50 0.53 0.00	41.20 0.66 0.00	37.42 0.59 0.00	43.88 0.57 0.00	43.92 0.44 0.00	51.18 0.55 0.00	54.46 0.70 0.00	54.81 0.59 0.00	47.53 0.73 0.00	39.15 0.74 0.00	39.80 0.75 0.00	40.05 0.73 0.00	35.26 0.64 0.00	34.26 0.58 0.00
GILBOA___1 23756	47.60 0.59 0.00	38.75 0.57 0.00	35.09 0.59 0.00	37.41 0.66 0.00	39.33 0.66 0.00	36.57 0.64 0.00	47.69 0.83 0.00	52.16 0.89 0.00	40.59 0.69 0.00	35.06 0.63 0.00	34.70 0.73 0.00	41.50 0.96 0.00	37.67 0.85 0.00	44.21 0.89 0.00	44.27 0.79 0.00	51.55 0.92 0.00	54.83 1.06 0.00	55.23 1.01 0.00	47.86 1.06 0.00	39.36 0.95 0.00	40.00 0.95 0.00	40.27 0.94 0.00	35.38 0.76 0.00	34.35 0.66 0.00
GILBOA___2 23757	47.60 0.59 0.00	38.75 0.57 0.00	35.09 0.59 0.00	37.41 0.66 0.00	39.33 0.66 0.00	36.57 0.64 0.00	47.69 0.83 0.00	52.16 0.89 0.00	40.59 0.69 0.00	35.06 0.63 0.00	34.70 0.73 0.00	41.50 0.96 0.00	37.67 0.85 0.00	44.21 0.89 0.00	44.27 0.79 0.00	51.55 0.92 0.00	54.83 1.06 0.00	55.23 1.01 0.00	47.86 1.06 0.00	39.36 0.95 0.00	40.00 0.95 0.00	40.27 0.94 0.00	35.38 0.76 0.00	34.35 0.66 0.00
GILBOA___3 23758	47.60 0.59 0.00	38.75 0.57 0.00	35.09 0.59 0.00	37.41 0.66 0.00	39.33 0.66 0.00	36.57 0.64 0.00	47.69 0.83 0.00	52.16 0.89 0.00	40.59 0.69 0.00	35.06 0.63 0.00	34.70 0.73 0.00	41.50 0.96 0.00	37.67 0.85 0.00	44.21 0.89 0.00	44.27 0.79 0.00	51.55 0.92 0.00	54.83 1.06 0.00	55.23 1.01 0.00	47.86 1.06 0.00	39.36 0.95 0.00	40.00 0.95 0.00	40.27 0.94 0.00	35.38 0.76 0.00	34.35 0.66 0.00
GILBOA___4 23759	47.60 0.59 0.00	38.75 0.57 0.00	35.09 0.59 0.00	37.41 0.66 0.00	39.33 0.66 0.00	36.57 0.64 0.00	47.69 0.83 0.00	52.16 0.89 0.00	40.59 0.69 0.00	35.06 0.63 0.00	34.70 0.73 0.00	41.50 0.96 0.00	37.67 0.85 0.00	44.21 0.89 0.00	44.27 0.79 0.00	51.55 0.92 0.00	54.83 1.06 0.00	55.23 1.01 0.00	47.86 1.06 0.00	39.36 0.95 0.00	40.00 0.95 0.00	40.27 0.94 0.00	35.38 0.76 0.00	34.35 0.66 0.00

GILBOA____ 23599	47.60 0.59 0.00	38.75 0.56 0.00	35.09 0.59 0.00	37.41 0.66 0.00	39.33 0.66 0.00	36.57 0.64 0.00	47.69 0.83 0.00	52.16 0.89 0.00	40.60 0.69 0.00	35.06 0.63 0.00	34.70 0.73 0.00	41.50 0.96 0.00	37.68 0.85 0.00	44.21 0.90 0.00	44.26 0.78 0.00	51.56 0.92 0.00	54.83 1.07 0.00	55.23 1.01 0.00	47.86 1.06 0.00	39.36 0.95 0.00	40.00 0.95 0.00	40.27 0.94 0.00	35.38 0.76 0.00	34.35 0.66 0.00
GINNA____ 23603	43.37 -3.63 0.00	35.07 -3.12 0.00	31.48 -3.03 0.00	33.52 -3.24 0.00	35.28 -3.38 0.00	32.37 -3.48 0.08	42.28 -4.56 0.02	46.36 -4.91 0.00	36.26 -3.64 0.00	31.30 -3.14 0.00	30.98 -2.99 0.00	37.25 -3.29 0.00	33.91 -2.92 0.00	39.95 -3.36 0.00	40.17 -3.31 0.00	46.69 -3.94 0.00	49.49 -4.28 0.00	50.20 -4.01 0.00	43.06 -3.75 0.00	35.44 -2.97 0.00	35.77 -3.28 0.00	35.81 -3.51 0.00	31.34 -3.28 0.00	30.57 -3.12 0.00
GLEN PARK____ 23778	48.15 1.15 0.00	38.95 0.76 0.00	34.95 0.45 0.00	37.24 0.48 0.00	39.14 0.48 0.00	36.34 0.40 0.00	47.68 0.83 0.00	51.98 0.72 0.00	40.18 0.27 0.00	33.92 -0.52 0.00	32.71 -1.27 0.00	38.56 -1.98 0.00	34.68 -2.15 0.00	42.00 -1.31 0.00	42.95 -0.53 0.00	49.91 -0.73 0.00	53.06 -0.71 0.00	53.58 -0.64 0.00	46.10 -0.71 0.00	37.77 -0.64 0.00	38.27 -0.78 0.00	38.47 -0.85 0.00	33.89 -0.73 0.00	32.83 -0.86 0.00
GLENDALE_27_KV_LOAD 356172	49.27 2.27 0.00	40.01 1.83 0.00	36.26 1.75 0.00	38.63 1.87 0.00	40.62 1.95 0.00	38.05 2.11 0.00	49.78 2.93 0.00	54.65 3.38 0.00	42.52 2.61 0.00	36.83 2.40 0.00	36.60 2.62 -0.01	43.77 3.23 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.37 2.89 0.00	53.89 3.25 0.00	57.35 3.59 0.00	57.59 3.37 0.00	50.10 3.30 0.00	41.20 2.79 0.00	41.89 2.84 0.00	42.20 2.88 0.00	36.99 2.38 0.00	35.79 2.10 0.00
GLENWOOD_IC_1_G5 23712	49.05 2.05 0.00	39.74 1.56 0.00	36.06 1.56 0.00	38.47 1.72 0.00	40.38 1.73 0.00	37.80 1.87 0.00	49.65 2.80 0.00	54.48 3.22 0.00	42.23 2.32 0.00	36.64 2.20 0.00	36.46 2.49 0.00	43.61 3.07 0.00	48.18 2.74 -8.61	46.14 2.83 0.00	46.11 2.63 0.00	53.71 3.07 0.00	68.48 3.48 -11.25	102.76 3.40 -45.13	64.85 3.23 -14.83	41.12 2.71 0.00	41.79 2.74 0.00	42.08 2.76 0.00	36.91 2.29 0.00	35.71 2.02 0.00
GLENWOOD_IC_2_G1 23688	48.90 1.90 0.00	39.64 1.46 0.00	35.95 1.45 0.00	38.36 1.60 0.00	40.28 1.62 0.00	37.69 1.75 0.00	49.45 2.60 0.00	54.26 2.99 0.00	42.07 2.17 0.00	36.49 2.06 0.00	36.29 2.31 0.00	43.42 2.88 0.00	39.75 2.56 -0.37	45.99 2.68 0.00	45.94 2.46 0.00	53.50 2.86 0.00	57.46 3.22 -0.48	59.27 3.13 -1.93	50.43 3.00 -0.63	40.93 2.53 0.00	41.61 2.56 0.00	41.91 2.59 0.00	36.76 2.14 0.00	35.58 1.89 0.00
GLENWOOD_IC_3_G1 23689	48.90 1.90 0.00	39.64 1.46 0.00	35.95 1.45 0.00	38.36 1.60 0.00	40.28 1.62 0.00	37.69 1.75 0.00	49.45 2.60 0.00	54.26 2.99 0.00	42.07 2.17 0.00	36.49 2.06 0.00	36.29 2.31 0.00	43.42 2.88 0.00	39.75 2.56 -0.37	45.99 2.68 0.00	45.94 2.46 0.00	53.50 2.86 0.00	57.46 3.22 -0.48	59.27 3.13 -1.93	50.43 3.00 -0.63	40.93 2.53 0.00	41.61 2.56 0.00	41.91 2.59 0.00	36.76 2.14 0.00	35.58 1.89 0.00
GLENWOOD____4 23550	49.05 2.05 0.00	39.74 1.56 0.00	36.06 1.56 0.00	38.47 1.72 0.00	40.38 1.73 0.00	37.80 1.87 0.00	49.65 2.80 0.00	54.48 3.22 0.00	42.23 2.32 0.00	36.64 2.20 0.00	36.46 2.49 0.00	43.61 3.07 0.00	48.18 2.74 -8.61	46.14 2.83 0.00	46.11 2.63 0.00	53.71 3.07 0.00	68.48 3.48 -11.25	102.76 3.40 -45.13	64.85 3.23 -14.83	41.12 2.71 0.00	41.79 2.74 0.00	42.08 2.76 0.00	36.91 2.29 0.00	35.71 2.02 0.00
GLENWOOD____5 23614	49.05 2.05 0.00	39.74 1.56 0.00	36.06 1.56 0.00	38.47 1.72 0.00	40.38 1.73 0.00	37.80 1.87 0.00	49.65 2.80 0.00	54.48 3.22 0.00	42.23 2.32 0.00	36.64 2.20 0.00	36.46 2.49 0.00	43.61 3.07 0.00	48.18 2.74 -8.61	46.14 2.83 0.00	46.11 2.63 0.00	53.71 3.07 0.00	68.48 3.48 -11.25	102.76 3.40 -45.13	64.85 3.23 -14.83	41.12 2.71 0.00	41.79 2.74 0.00	42.08 2.76 0.00	36.91 2.29 0.00	35.71 2.02 0.00
GLOBAL GREEN_PORT_GT1 23814	48.25 1.24 0.00	39.04 0.86 0.00	35.86 1.36 0.00	38.76 2.00 0.00	40.86 2.20 0.00	38.53 2.59 0.00	51.17 4.32 0.00	56.41 5.15 0.00	43.35 3.44 0.00	37.58 3.14 0.00	37.35 3.38 0.00	44.39 3.84 0.00	44.78 2.98 -4.97	45.74 2.43 0.00	45.24 1.76 0.00	52.67 2.04 0.00	63.04 2.85 -6.43	83.01 2.98 -25.81	58.10 2.83 -8.48	40.80 2.39 0.00	41.39 2.34 0.00	41.59 2.26 0.00	36.45 1.83 0.00	35.20 1.51 0.00
GLOBE____DSASP 323697	42.63 -4.37 0.00	34.32 -3.87 0.00	30.53 -3.98 0.00	32.53 -4.23 0.00	34.18 -4.48 0.00	30.46 -5.24 0.24	39.18 -7.62 0.05	42.84 -8.43 0.00	33.69 -6.22 0.00	29.67 -4.76 0.00	30.06 -3.91 0.00	36.19 -4.35 0.00	32.92 -3.91 0.00	38.81 -4.51 0.00	39.17 -4.31 0.00	45.36 -5.28 0.00	47.55 -6.21 0.00	48.43 -5.78 0.00	41.33 -5.47 0.00	34.22 -4.19 0.00	34.39 -4.66 0.00	34.41 -4.91 0.00	30.22 -4.40 0.00	29.75 -3.94 0.00
GOETHSLN____LBMP 323567	48.94 1.93 0.00	39.73 1.54 0.00	36.01 1.50 0.00	38.38 1.63 0.00	40.36 1.70 0.00	37.79 1.85 0.00	49.46 2.61 0.00	54.27 3.01 0.00	42.17 2.26 0.00	36.54 2.10 0.00	36.32 2.34 -0.01	43.46 2.92 0.00	39.46 2.62 -0.01	46.12 2.81 0.00	46.04 2.56 0.00	53.48 2.85 0.00	56.96 3.20 0.00	57.26 3.04 0.00	49.78 2.98 0.00	40.91 2.50 0.00	41.59 2.54 0.00	41.90 2.58 0.00	36.75 2.12 0.00	35.55 1.86 0.00
GOLAH____69_KV_TB 1_2 80279	45.58 -1.42 0.00	36.83 -1.36 0.00	32.94 -1.56 0.00	35.07 -1.69 0.00	36.90 -1.77 0.00	33.60 -2.20 0.14	43.81 -3.02 0.03	48.15 -3.12 0.00	37.68 -2.22 0.00	32.58 -1.86 0.00	32.17 -1.80 0.00	38.71 -1.82 0.00	35.30 -1.53 0.00	41.62 -1.69 0.00	41.97 -1.51 0.00	48.71 -1.93 0.00	51.57 -2.19 0.00	52.43 -1.79 0.00	44.89 -1.92 0.00	36.99 -1.42 0.00	37.27 -1.78 0.00	37.29 -2.04 0.00	32.63 -1.99 0.00	31.86 -1.83 0.00
GOODYEAR_LAKE_HYD 323669	48.15 1.15 0.00	39.08 0.89 0.00	35.22 0.72 0.00	37.55 0.80 0.00	39.50 0.83 0.00	36.68 0.75 0.00	47.96 1.11 0.00	52.54 1.27 0.00	40.77 0.86 0.00	35.15 0.72 0.00	34.66 0.68 0.00	41.40 0.87 0.00	37.71 0.88 0.00	44.25 0.94 0.00	44.42 0.94 0.00	51.69 1.05 0.00	54.98 1.22 0.00	55.56 1.34 0.00	47.94 1.14 0.00	39.34 0.93 0.00	39.91 0.86 0.00	40.14 0.82 0.00	35.26 0.64 0.00	34.22 0.53 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	46.70 -0.31 0.00	37.84 -0.34 0.00	34.12 -0.38 0.00	36.38 -0.38 0.00	38.24 -0.42 0.00	35.33 -0.49 0.11	46.30 -0.54 0.02	50.67 -0.60 0.00	39.37 -0.53 0.00	33.97 -0.46 0.00	33.57 -0.40 0.00	40.18 -0.35 0.00	36.54 -0.29 0.00	43.00 -0.31 0.00	43.13 -0.35 0.00	50.21 -0.43 0.00	53.32 -0.45 0.00	53.87 -0.35 0.00	46.53 -0.27 0.00	38.23 -0.17 0.00	38.79 -0.26 0.00	38.96 -0.36 0.00	34.24 -0.38 0.00	33.32 -0.37 0.00

GOUDEY___7 23579	46.70 -0.31 0.00	37.84 -0.34 0.00	34.12 -0.38 0.00	36.38 -0.38 0.00	38.24 -0.42 0.00	35.33 -0.49 0.11	46.30 -0.54 0.02	50.67 -0.60 0.00	39.37 -0.53 0.00	33.97 -0.46 0.00	33.57 -0.40 0.00	40.18 -0.35 0.00	36.54 -0.29 0.00	43.00 -0.31 0.00	43.13 -0.35 0.00	50.21 -0.43 0.00	53.32 -0.45 0.00	53.87 -0.35 0.00	46.53 -0.27 0.00	38.23 -0.17 0.00	38.79 -0.26 0.00	38.96 -0.36 0.00	34.24 -0.38 0.00	33.32 -0.37 0.00
GOUDEY___8 23580	46.70 -0.31 0.00	37.84 -0.34 0.00	34.12 -0.38 0.00	36.38 -0.38 0.00	38.24 -0.42 0.00	35.33 -0.49 0.11	46.30 -0.54 0.02	50.67 -0.60 0.00	39.37 -0.53 0.00	33.97 -0.46 0.00	33.57 -0.40 0.00	40.18 -0.35 0.00	36.54 -0.29 0.00	43.00 -0.31 0.00	43.13 -0.35 0.00	50.21 -0.43 0.00	53.32 -0.45 0.00	53.87 -0.35 0.00	46.53 -0.27 0.00	38.23 -0.17 0.00	38.79 -0.26 0.00	38.96 -0.36 0.00	34.24 -0.38 0.00	33.32 -0.37 0.00
GOWANUS_GT1_1 24077	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT1_2 24078	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT1_3 24079	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT1_4 24080	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT1_5 24084	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT1_6 24111	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT1_7 24112	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT1_8 24113	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT2_1 24114	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT2_2 24115	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT2_3 24116	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT2_4 24117	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT2_5 24118	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00

GOWANUS_GT2_6 24119	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT2_7 24120	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT2_8 24121	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT3_1 24122	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT3_2 24123	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT3_3 24124	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT3_4 24125	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT3_5 24126	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT3_6 24127	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT3_7 24128	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT3_8 24129	49.34 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.69 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.15</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.53 <u>2.63</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.60</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.42 <u>3.11</u> 0.00	46.36 <u>2.88</u> 0.00	53.88 <u>3.24</u> 0.00	57.33 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.86</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT4_1 24130	49.35 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.70 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.16</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.54 <u>2.64</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.59</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.43 <u>3.12</u> 0.00	46.36 <u>2.88</u> 0.00	53.87 <u>3.24</u> 0.00	57.32 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.87</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT4_2 24131	49.35 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.70 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.16</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.54 <u>2.64</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.59</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.43 <u>3.12</u> 0.00	46.36 <u>2.88</u> 0.00	53.87 <u>3.24</u> 0.00	57.32 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.87</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT4_3 24132	49.35 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.70 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.16</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.54 <u>2.64</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.59</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.43 <u>3.12</u> 0.00	46.36 <u>2.88</u> 0.00	53.87 <u>3.24</u> 0.00	57.32 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.87</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00
GOWANUS_GT4_4 24133	49.35 <u>2.34</u> 0.00	40.06 <u>1.88</u> 0.00	36.31 <u>1.81</u> 0.00	38.70 <u>1.94</u> 0.00	40.68 <u>2.02</u> 0.00	38.09 <u>2.16</u> 0.00	49.85 <u>3.00</u> 0.00	54.74 <u>3.47</u> 0.00	42.54 <u>2.64</u> 0.00	36.82 <u>2.39</u> 0.00	36.58 <u>2.59</u> -0.01	43.74 <u>3.20</u> 0.00	39.75 <u>2.92</u> -0.01	46.43 <u>3.12</u> 0.00	46.36 <u>2.88</u> 0.00	53.87 <u>3.24</u> 0.00	57.32 <u>3.57</u> 0.00	57.59 <u>3.37</u> 0.00	50.13 <u>3.32</u> 0.00	41.20 <u>2.80</u> 0.00	41.88 <u>2.83</u> 0.00	42.19 <u>2.87</u> 0.00	36.99 <u>2.37</u> 0.00	35.79 <u>2.10</u> 0.00

GOWANUS_GT4_5 24134	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT4_6 24135	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT4_7 24136	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GOWANUS_GT4_8 24137	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GREATVRV_69_KV_BK1 356245	49.29 2.29 0.00	39.76 1.57 0.00	36.15 1.65 0.00	38.65 1.90 0.00	40.55 1.89 0.00	38.07 2.14 0.00	50.22 3.37 0.00	55.16 3.89 0.00	42.43 2.52 0.00	36.84 2.40 0.00	36.81 2.83 0.00	44.00 3.46 0.00	45.03 3.02 -5.19	46.16 2.85 0.00	46.22 2.74 0.00	54.06 3.42 0.00	64.56 4.08 -6.72	85.25 4.05 -26.98	59.43 3.77 -8.86	41.59 3.18 0.00	42.27 3.22 0.00	42.51 3.19 0.00	37.26 2.64 0.00	36.06 2.37 0.00
GREENBSH_115KV_TB3 55895	46.74 -0.27 0.00	38.15 -0.04 0.00	34.72 0.22 0.00	36.90 0.15 0.00	38.82 0.15 0.00	36.31 0.37 0.00	47.13 0.28 0.00	51.42 0.16 0.00	40.20 0.29 0.00	34.72 0.28 0.00	34.38 0.41 0.00	41.03 0.49 0.00	37.27 0.44 0.00	43.69 0.38 0.00	43.73 0.25 0.00	50.95 0.32 0.00	54.20 0.44 0.00	54.55 0.33 0.00	47.34 0.54 0.00	39.02 0.62 0.00	39.67 0.62 0.00	39.91 0.59 0.00	35.17 0.56 0.00	34.18 0.49 0.00
GREENDGE_115KV_TB5 80291	45.99 -1.01 0.00	37.09 -1.09 0.00	33.19 -1.32 0.00	35.31 -1.44 0.00	37.04 -1.62 0.00	33.04 -1.83 1.07	44.11 -2.54 0.21	48.18 -3.08 0.01	37.45 -2.45 0.00	32.21 -2.22 0.00	31.77 -2.21 0.00	38.34 -2.20 0.00	34.89 -1.93 0.00	41.05 -2.26 0.00	41.56 -1.92 0.00	47.83 -2.81 0.00	50.63 -3.13 0.00	51.44 -2.78 0.00	44.49 -2.31 0.00	36.95 -1.46 0.00	37.45 -1.60 0.00	37.41 -1.91 0.00	32.83 -1.79 0.00	32.04 -1.65 0.00
GREENIDGE___3 23582	45.99 -1.01 0.00	37.09 -1.09 0.00	33.19 -1.32 0.00	35.31 -1.44 0.00	37.04 -1.62 0.00	33.04 -1.83 1.07	44.11 -2.54 0.21	48.18 -3.08 0.01	37.45 -2.45 0.00	32.21 -2.22 0.00	31.77 -2.21 0.00	38.34 -2.20 0.00	34.89 -1.93 0.00	41.05 -2.26 0.00	41.56 -1.92 0.00	47.83 -2.81 0.00	50.63 -3.13 0.00	51.44 -2.78 0.00	44.49 -2.31 0.00	36.95 -1.46 0.00	37.45 -1.60 0.00	37.41 -1.91 0.00	32.83 -1.79 0.00	32.04 -1.65 0.00
GREENIDGE___4 23583	45.99 -1.01 0.00	37.09 -1.10 0.00	33.19 -1.32 0.00	35.31 -1.44 0.00	37.04 -1.62 0.00	33.05 -1.82 1.07	44.09 -2.56 0.21	48.18 -3.08 0.01	37.47 -2.43 0.00	32.21 -2.23 0.00	31.77 -2.20 0.00	38.35 -2.19 0.00	34.90 -1.93 0.00	41.05 -2.26 0.00	41.56 -1.92 0.00	47.84 -2.80 0.00	50.63 -3.13 0.00	51.44 -2.78 0.00	44.48 -2.32 0.00	36.95 -1.46 0.00	37.45 -1.60 0.00	37.40 -1.92 0.00	32.83 -1.79 0.00	32.04 -1.65 0.00
GREENLWN_69_KV_BK 3 55738	48.59 1.58 0.00	39.21 1.02 0.00	35.69 1.18 0.00	38.16 1.40 0.00	39.98 1.31 0.00	37.46 1.52 0.00	49.32 2.47 0.00	54.16 2.90 0.00	41.78 1.87 0.00	36.33 1.89 0.00	36.30 2.33 0.00	43.44 2.90 0.00	44.45 2.51 -5.11	45.59 2.28 0.00	45.55 2.07 0.00	53.16 2.52 0.00	63.39 3.00 -6.63	83.81 2.99 -26.61	58.37 2.83 -8.74	40.82 2.41 0.00	41.51 2.46 0.00	41.78 2.46 0.00	36.65 2.03 0.00	35.53 1.84 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00
GRISSOM___SOLAR 323813	48.38 1.38 0.00	39.34 1.16 0.00	35.48 0.98 0.00	37.83 1.08 0.00	39.81 1.15 0.00	37.08 1.15 0.00	48.51 1.66 0.00	53.13 1.87 0.00	41.11 1.21 0.00	34.84 0.40 0.00	34.47 0.50 0.00	41.01 0.47 0.00	36.89 0.06 0.00	44.12 0.81 0.00	44.79 1.31 0.00	52.21 1.57 0.00	55.55 1.79 0.00	56.10 1.88 0.00	48.40 1.60 0.00	39.70 1.30 0.00	40.25 1.20 0.00	40.48 1.16 0.00	35.60 0.98 0.00	34.57 0.88 0.00
GROVEVILLE___HYD 323602	49.01 2.01 0.00	39.79 1.61 0.00	36.03 1.53 0.00	38.41 1.66 0.00	40.39 1.73 0.00	37.76 1.83 0.00	49.47 2.62 0.00	54.28 3.01 0.00	42.30 2.40 0.00	36.61 2.18 0.00	36.26 2.28 0.00	43.32 2.78 0.00	39.37 2.54 0.00	46.14 2.83 0.00	46.06 2.58 0.00	53.53 2.89 0.00	56.97 3.21 0.00	57.36 3.14 0.00	49.80 3.00 0.00	40.93 2.52 0.00	41.57 2.52 0.00	41.86 2.53 0.00	36.72 2.10 0.00	35.53 1.84 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	46.16 -0.85 0.00	37.45 -0.73 0.00	33.83 -0.67 0.00	36.05 -0.70 0.00	37.89 -0.77 0.00	35.26 -0.72 -0.04	46.01 -0.85 0.00	50.33 -0.93 0.00	39.14 -0.77 0.00	33.75 -0.69 0.00	33.27 -0.70 0.00	39.82 -0.72 0.00	36.26 -0.57 0.00	42.67 -0.64 0.00	42.86 -0.62 0.00	49.89 -0.74 0.00	53.01 -0.75 0.00	53.54 -0.68 0.00	46.20 -0.60 0.00	37.94 -0.46 0.00	38.46 -0.58 0.00	38.65 -0.67 0.00	33.95 -0.67 0.00	33.07 -0.62 0.00
HAMLTNNY_34_KV_TB 80303	46.21 -0.79 0.00	37.45 -0.73 0.00	33.81 -0.69 0.00	36.05 -0.70 0.00	37.88 -0.78 0.00	35.18 -0.76 0.00	45.97 -0.88 0.00	50.30 -0.97 0.00	39.08 -0.82 0.00	33.71 -0.72 0.00	33.25 -0.73 0.00	39.78 -0.75 0.00	36.26 -0.57 0.00	42.71 -0.60 0.00	42.89 -0.59 0.00	49.94 -0.70 0.00	53.07 -0.69 0.00	53.63 -0.59 0.00	46.25 -0.55 0.00	37.98 -0.42 0.00	38.47 -0.58 0.00	38.65 -0.68 0.00	33.92 -0.70 0.00	33.06 -0.63 0.00

HAMPSHIRE___PAPER_HYD 323593	48.34 1.34 0.00	39.24 1.05 0.00	35.23 0.73 0.00	37.54 0.78 0.00	39.48 0.82 0.00	36.60 0.67 0.00	47.86 1.01 0.00	52.29 1.02 0.00	40.55 0.65 0.00	34.62 0.19 0.00	33.69 -0.28 0.00	39.69 -0.84 0.00	35.95 -0.88 0.00	42.71 -0.60 0.00	43.41 -0.07 0.00	50.41 -0.23 0.00	53.31 -0.45 0.00	53.66 -0.56 0.00	45.99 -0.81 0.00	37.62 -0.79 0.00	38.31 -0.74 0.00	38.79 -0.53 0.00	34.36 -0.26 0.00	33.42 -0.26 0.00
HARDSCRABBLE_WT_PWR 323673	48.75 1.74 0.00	39.67 1.49 0.00	35.96 1.46 0.00	38.33 1.58 0.00	40.31 1.65 0.00	37.65 1.72 0.00	49.06 2.21 0.00	53.36 2.10 0.00	41.25 1.34 0.00	35.05 0.61 0.00	34.80 0.83 0.00	41.16 0.62 0.00	37.42 0.59 0.00	44.34 1.02 0.00	44.78 1.30 0.00	52.12 1.49 0.00	55.81 2.05 0.00	56.52 2.30 0.00	48.92 2.12 0.00	40.16 1.75 0.00	40.74 1.69 0.00	40.89 1.57 0.00	35.91 1.30 0.00	34.79 1.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	48.80 1.80 0.00	39.61 1.42 0.00	35.85 1.35 0.00	38.22 1.47 0.00	40.19 1.53 0.00	37.56 1.62 0.00	49.19 2.34 0.00	53.92 2.66 0.00	41.89 1.99 0.00	36.26 1.83 0.00	35.97 2.00 0.00	43.04 2.50 0.00	39.10 2.27 0.00	45.80 2.49 0.00	45.79 2.31 0.00	53.30 2.67 0.00	56.76 3.00 0.00	57.17 2.95 0.00	49.61 2.81 0.00	40.76 2.35 0.00	41.43 2.38 0.00	41.74 2.42 0.00	36.59 1.97 0.00	35.41 1.73 0.00
HARSNRAD_115KV_TB1 81005	43.99 -3.01 0.00	35.40 -2.79 0.00	31.50 -3.00 0.00	33.55 -3.20 0.00	35.26 -3.40 0.00	31.47 -4.23 0.23	40.77 -6.03 0.05	44.85 -6.41 0.00	35.21 -4.69 0.00	30.66 -3.78 0.00	30.51 -3.46 0.00	36.72 -3.82 0.00	33.43 -3.40 0.00	39.43 -3.88 0.00	39.81 -3.67 0.00	46.08 -4.55 0.00	48.56 -5.20 0.00	49.52 -4.70 0.00	42.29 -4.51 0.00	34.98 -3.42 0.00	35.17 -3.88 0.00	35.20 -4.13 0.00	30.78 -3.84 0.00	30.21 -3.48 0.00
HARZA MOOSE___RIVER 24016	48.08 1.07 0.00	38.99 0.80 0.00	35.11 0.60 0.00	37.43 0.67 0.00	39.33 0.66 0.00	36.59 0.65 0.00	47.87 1.02 0.00	52.19 0.92 0.00	40.48 0.57 0.00	34.51 0.08 0.00	33.61 -0.36 0.00	39.74 -0.80 0.00	36.11 -0.72 0.00	42.93 -0.38 0.00	43.46 -0.02 0.00	50.56 -0.07 0.00	53.76 0.00 0.00	54.14 -0.07 0.00	46.64 -0.16 0.00	38.23 -0.17 0.00	38.82 -0.23 0.00	39.08 -0.24 0.00	34.40 -0.22 0.00	33.41 -0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	45.82 -1.18 0.00	37.20 -0.99 0.00	33.60 -0.90 0.00	35.79 -0.96 0.00	37.63 -1.03 0.00	34.95 -0.98 0.00	45.63 -1.22 0.00	49.93 -1.33 0.00	38.88 -1.03 0.00	33.54 -0.89 0.00	33.09 -0.88 0.00	39.59 -0.95 0.00	36.03 -0.80 0.00	42.40 -0.91 0.00	42.58 -0.90 0.00	49.57 -1.07 0.00	52.66 -1.10 0.00	53.15 -1.07 0.00	45.86 -0.94 0.00	37.68 -0.73 0.00	38.21 -0.83 0.00	38.40 -0.93 0.00	33.74 -0.88 0.00	32.87 -0.82 0.00
HELLGATE_13_KV_LD 55870	49.32 2.32 0.00	40.07 1.89 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.12 2.18 0.00	49.86 3.00 0.00	54.75 3.48 0.00	42.60 2.69 0.00	36.89 2.45 0.00	36.65 2.67 -0.01	43.84 3.30 0.00	39.81 2.98 -0.01	46.51 3.20 0.00	46.43 2.95 0.00	53.94 3.31 0.00	57.41 3.65 0.00	57.65 3.43 0.00	50.17 3.37 0.00	41.25 2.84 0.00	41.95 2.90 0.00	42.24 2.92 0.00	37.04 2.42 0.00	35.84 2.15 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	49.32 2.32 0.00	40.07 1.89 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.12 2.18 0.00	49.86 3.00 0.00	54.75 3.48 0.00	42.60 2.69 0.00	36.89 2.45 0.00	36.65 2.67 -0.01	43.84 3.30 0.00	39.81 2.98 -0.01	46.51 3.20 0.00	46.43 2.95 0.00	53.94 3.31 0.00	57.41 3.65 0.00	57.65 3.43 0.00	50.17 3.37 0.00	41.25 2.84 0.00	41.95 2.90 0.00	42.24 2.92 0.00	37.04 2.42 0.00	35.84 2.15 0.00
HEMPSTEAD____ 23647	48.78 1.78 0.00	39.49 1.30 0.00	35.87 1.36 0.00	38.28 1.52 0.00	40.14 1.48 0.00	37.60 1.66 0.00	49.44 2.59 0.00	54.28 3.02 0.00	41.98 2.08 0.00	36.45 2.01 0.00	36.32 2.35 0.00	43.43 2.89 0.00	46.84 2.56 -7.46	45.84 2.53 0.00	45.83 2.35 0.00	53.43 2.79 0.00	66.73 3.23 -9.74	96.42 3.13 -39.07	62.66 3.03 -12.83	40.97 2.56 0.00	41.63 2.58 0.00	41.92 2.59 0.00	36.76 2.14 0.00	35.58 1.89 0.00
HICKLING___1 23621	45.18 -1.82 0.00	36.36 -1.82 0.00	32.52 -1.98 0.00	34.69 -2.07 0.00	36.37 -2.29 0.00	32.64 -2.53 0.76	43.45 -3.26 0.15	47.60 -3.66 0.00	36.83 -3.07 0.00	31.71 -2.72 0.00	31.49 -2.48 0.00	38.08 -2.46 0.00	34.64 -2.19 0.00	40.69 -2.62 0.00	40.93 -2.55 0.00	47.42 -3.22 0.00	50.12 -3.64 0.00	50.89 -3.33 0.00	44.01 -2.79 0.00	36.17 -2.24 0.00	36.65 -2.40 0.00	36.64 -2.68 0.00	32.20 -2.42 0.00	31.47 -2.22 0.00
HICKLING___2 23622	45.18 -1.82 0.00	36.36 -1.82 0.00	32.52 -1.98 0.00	34.69 -2.07 0.00	36.37 -2.29 0.00	32.64 -2.53 0.76	43.45 -3.26 0.15	47.60 -3.66 0.00	36.83 -3.07 0.00	31.71 -2.72 0.00	31.49 -2.48 0.00	38.08 -2.46 0.00	34.64 -2.19 0.00	40.69 -2.62 0.00	40.93 -2.55 0.00	47.42 -3.22 0.00	50.12 -3.64 0.00	50.89 -3.33 0.00	44.01 -2.79 0.00	36.17 -2.24 0.00	36.65 -2.40 0.00	36.64 -2.68 0.00	32.20 -2.42 0.00	31.47 -2.22 0.00
HIGH FALLS___HY 23754	49.17 2.17 0.00	39.87 1.68 0.00	36.06 1.55 0.00	38.47 1.72 0.00	40.46 1.80 0.00	37.81 1.87 0.00	49.61 2.76 0.00	54.45 3.18 0.00	42.19 2.29 0.00	36.50 2.07 0.00	36.07 2.10 0.00	42.92 2.38 0.00	39.03 2.20 0.00	45.91 2.59 0.00	45.89 2.41 0.00	53.62 2.99 0.00	57.08 3.32 0.00	57.57 3.35 0.00	49.95 3.15 0.00	41.04 2.63 0.00	41.68 2.63 0.00	41.96 2.64 0.00	36.77 2.15 0.00	35.54 1.85 0.00
HIGH_RIVER___SOLAR 323847	48.19 1.19 0.00	39.19 1.01 0.00	35.38 0.87 0.00	37.71 0.96 0.00	39.70 1.03 0.00	36.96 1.02 0.00	48.32 1.47 0.00	52.75 1.49 0.00	40.80 0.89 0.00	34.78 0.34 0.00	34.22 0.25 0.00	40.91 0.37 0.00	36.89 0.06 0.00	43.64 0.32 0.00	44.40 0.92 0.00	51.87 1.24 0.00	55.32 1.56 0.00	55.86 1.65 0.00	48.24 1.44 0.00	39.56 1.15 0.00	40.13 1.08 0.00	40.35 1.03 0.00	35.48 0.86 0.00	34.45 0.77 0.00
HILLBURN___GT 23639	48.64 1.63 0.00	39.49 1.31 0.00	35.75 1.25 0.00	38.15 1.40 0.00	40.12 1.45 0.00	37.49 1.56 0.00	49.12 2.27 0.00	53.87 2.61 0.00	41.81 1.90 0.00	36.20 1.76 0.00	35.95 1.97 0.00	43.06 2.52 0.00	39.09 2.26 0.00	45.75 2.44 0.00	45.67 2.19 0.00	53.15 2.51 0.00	56.61 2.85 0.00	57.00 2.78 0.00	49.51 2.71 0.00	40.67 2.27 0.00	41.35 2.30 0.00	41.68 2.35 0.00	36.54 1.92 0.00	35.35 1.67 0.00
HILLSIDE_115KV_TB1 80332	44.49 -2.52 0.00	35.80 -2.39 0.00	32.07 -2.43 0.00	34.26 -2.50 0.00	35.90 -2.76 0.00	32.30 -2.92 0.72	43.02 -3.69 0.14	47.18 -4.09 0.00	36.49 -3.41 0.00	31.49 -2.95 0.00	31.35 -2.62 0.00	37.85 -2.69 0.00	34.41 -2.42 0.00	40.39 -2.92 0.00	40.50 -2.98 0.00	46.92 -3.71 0.00	49.59 -4.17 0.00	50.30 -3.92 0.00	43.58 -3.22 0.00	35.78 -2.62 0.00	36.28 -2.77 0.00	36.31 -3.01 0.00	31.94 -2.67 0.00	31.20 -2.49 0.00

HISHELDN_WT_PWR 323625	44.42 -2.58 0.00	35.67 -2.52 0.00	31.75 -2.76 0.00	33.73 -3.03 0.00	35.39 -3.27 0.00	31.65 -3.91 0.38	41.07 -5.71 0.07	44.86 -6.41 0.00	34.96 -4.94 0.00	30.20 -4.23 0.00	30.06 -3.91 0.00	36.24 -4.30 0.00	32.98 -3.85 0.00	38.97 -4.34 0.00	39.43 -4.05 0.00	45.59 -5.05 0.00	48.20 -5.56 0.00	49.19 -5.03 0.00	42.20 -4.60 0.00	34.74 -3.66 0.00	35.07 -3.98 0.00	35.08 -4.25 0.00	30.81 -3.81 0.00	30.20 -3.49 0.00
HOLTSVILLE_IC_1 23690	48.62 1.62 0.00	39.22 1.04 0.00	35.71 1.21 0.00	38.20 1.45 0.00	40.08 1.42 0.00	37.63 1.69 0.00	49.59 2.74 0.00	54.47 3.21 0.00	41.96 2.05 0.00	36.46 2.02 0.00	36.42 2.44 0.00	43.50 2.96 0.00	44.29 2.50 -4.96	45.60 2.29 0.00	45.61 2.13 0.00	53.17 2.54 0.00	63.32 3.15 -6.41	83.12 3.17 -25.73	58.25 3.00 -8.45	40.99 2.58 0.00	41.66 2.61 0.00	41.96 2.63 0.00	36.84 2.22 0.00	35.69 2.00 0.00
HOLTSVILLE_IC_10 23699	48.84 1.83 0.00	39.39 1.21 0.00	35.86 1.36 0.00	38.36 1.60 0.00	40.27 1.60 0.00	37.82 1.88 0.00	49.86 3.01 0.00	54.78 3.51 0.00	42.17 2.26 0.00	36.63 2.19 0.00	36.59 2.62 0.00	43.70 3.16 0.00	44.53 2.68 -5.01	45.80 2.48 0.00	45.83 2.35 0.00	53.47 2.83 0.00	63.74 3.49 -6.49	83.79 3.54 -26.03	58.65 3.30 -8.55	41.23 2.83 0.00	41.90 2.85 0.00	42.17 2.85 0.00	37.02 2.40 0.00	35.85 2.17 0.00
HOLTSVILLE_IC_2 23691	48.62 1.62 0.00	39.22 1.04 0.00	35.71 1.21 0.00	38.20 1.45 0.00	40.08 1.42 0.00	37.63 1.69 0.00	49.59 2.74 0.00	54.47 3.21 0.00	41.96 2.05 0.00	36.46 2.02 0.00	36.42 2.44 0.00	43.50 2.96 0.00	44.29 2.50 -4.96	45.60 2.29 0.00	45.61 2.13 0.00	53.17 2.54 0.00	63.32 3.15 -6.41	83.12 3.17 -25.73	58.25 3.00 -8.45	40.99 2.58 0.00	41.66 2.61 0.00	41.96 2.63 0.00	36.84 2.22 0.00	35.69 2.00 0.00
HOLTSVILLE_IC_3 23692	48.62 1.62 0.00	39.22 1.04 0.00	35.71 1.21 0.00	38.20 1.45 0.00	40.08 1.42 0.00	37.63 1.69 0.00	49.59 2.74 0.00	54.47 3.21 0.00	41.96 2.05 0.00	36.46 2.02 0.00	36.42 2.44 0.00	43.50 2.96 0.00	44.29 2.50 -4.96	45.60 2.29 0.00	45.61 2.13 0.00	53.17 2.54 0.00	63.32 3.15 -6.41	83.12 3.17 -25.73	58.25 3.00 -8.45	40.99 2.58 0.00	41.66 2.61 0.00	41.96 2.63 0.00	36.84 2.22 0.00	35.69 2.00 0.00
HOLTSVILLE_IC_4 23693	48.62 1.62 0.00	39.22 1.04 0.00	35.71 1.21 0.00	38.20 1.45 0.00	40.08 1.42 0.00	37.63 1.69 0.00	49.59 2.74 0.00	54.47 3.21 0.00	41.96 2.05 0.00	36.46 2.02 0.00	36.42 2.44 0.00	43.50 2.96 0.00	44.29 2.50 -4.96	45.60 2.29 0.00	45.61 2.13 0.00	53.17 2.54 0.00	63.32 3.15 -6.41	83.12 3.17 -25.73	58.25 3.00 -8.45	40.99 2.58 0.00	41.66 2.61 0.00	41.96 2.63 0.00	36.84 2.22 0.00	35.69 2.00 0.00
HOLTSVILLE_IC_5 23694	48.62 1.62 0.00	39.22 1.04 0.00	35.71 1.21 0.00	38.20 1.45 0.00	40.08 1.42 0.00	37.63 1.69 0.00	49.59 2.74 0.00	54.47 3.21 0.00	41.96 2.05 0.00	36.46 2.02 0.00	36.42 2.44 0.00	43.50 2.96 0.00	44.29 2.50 -4.96	45.60 2.29 0.00	45.61 2.13 0.00	53.17 2.54 0.00	63.32 3.15 -6.41	83.12 3.17 -25.73	58.25 3.00 -8.45	40.99 2.58 0.00	41.66 2.61 0.00	41.96 2.63 0.00	36.84 2.22 0.00	35.69 2.00 0.00
HOLTSVILLE_IC_6 23695	48.84 1.83 0.00	39.39 1.21 0.00	35.86 1.36 0.00	38.36 1.60 0.00	40.27 1.60 0.00	37.82 1.88 0.00	49.86 3.01 0.00	54.78 3.51 0.00	42.17 2.26 0.00	36.63 2.19 0.00	36.59 2.62 0.00	43.70 3.16 0.00	44.53 2.68 -5.01	45.80 2.48 0.00	45.83 2.35 0.00	53.47 2.83 0.00	63.74 3.49 -6.49	83.79 3.54 -26.03	58.65 3.30 -8.55	41.23 2.83 0.00	41.90 2.85 0.00	42.17 2.85 0.00	37.02 2.40 0.00	35.85 2.17 0.00
HOLTSVILLE_IC_7 23696	48.84 1.83 0.00	39.39 1.21 0.00	35.86 1.36 0.00	38.36 1.60 0.00	40.27 1.60 0.00	37.82 1.88 0.00	49.86 3.01 0.00	54.78 3.51 0.00	42.17 2.26 0.00	36.63 2.19 0.00	36.59 2.62 0.00	43.70 3.16 0.00	44.53 2.68 -5.01	45.80 2.48 0.00	45.83 2.35 0.00	53.47 2.83 0.00	63.74 3.49 -6.49	83.79 3.54 -26.03	58.65 3.30 -8.55	41.23 2.83 0.00	41.90 2.85 0.00	42.17 2.85 0.00	37.02 2.40 0.00	35.85 2.17 0.00
HOLTSVILLE_IC_8 23697	48.84 1.83 0.00	39.39 1.21 0.00	35.86 1.36 0.00	38.36 1.60 0.00	40.27 1.60 0.00	37.82 1.88 0.00	49.86 3.01 0.00	54.78 3.51 0.00	42.17 2.26 0.00	36.63 2.19 0.00	36.59 2.62 0.00	43.70 3.16 0.00	44.53 2.68 -5.01	45.80 2.48 0.00	45.83 2.35 0.00	53.47 2.83 0.00	63.74 3.49 -6.49	83.79 3.54 -26.03	58.65 3.30 -8.55	41.23 2.83 0.00	41.90 2.85 0.00	42.17 2.85 0.00	37.02 2.40 0.00	35.85 2.17 0.00
HOLTSVILLE_IC_9 23698	48.84 1.83 0.00	39.39 1.21 0.00	35.86 1.36 0.00	38.36 1.60 0.00	40.27 1.60 0.00	37.82 1.88 0.00	49.86 3.01 0.00	54.78 3.51 0.00	42.17 2.26 0.00	36.63 2.19 0.00	36.59 2.62 0.00	43.70 3.16 0.00	44.53 2.68 -5.01	45.80 2.48 0.00	45.83 2.35 0.00	53.47 2.83 0.00	63.74 3.49 -6.49	83.79 3.54 -26.03	58.65 3.30 -8.55	41.23 2.83 0.00	41.90 2.85 0.00	42.17 2.85 0.00	37.02 2.40 0.00	35.85 2.17 0.00
HOMER_HL_115KV_TB2 355744	44.77 -2.24 0.00	36.03 -2.16 0.00	32.14 -2.36 0.00	34.26 -2.50 0.00	35.97 -2.70 0.00	32.46 -3.12 0.36	42.70 -4.08 0.07	46.84 -4.43 0.00	36.50 -3.40 0.00	31.66 -2.77 0.00	31.58 -2.39 0.00	38.02 -2.52 0.00	34.56 -2.27 0.00	40.71 -2.60 0.00	40.80 -2.68 0.00	47.19 -3.45 0.00	49.93 -3.83 0.00	50.80 -3.42 0.00	43.69 -3.11 0.00	36.04 -2.36 0.00	36.48 -2.57 0.00	36.55 -2.77 0.00	32.01 -2.61 0.00	31.25 -2.44 0.00
HOWARD_WT_PWR 323690	45.51 -1.49 0.00	36.45 -1.74 0.00	32.37 -2.13 0.00	34.01 -2.75 0.00	35.49 -3.18 0.00	31.70 -3.47 0.76	41.57 -5.13 0.15	45.43 -5.84 0.00	35.04 -4.87 0.00	30.01 -4.43 0.00	29.80 -4.17 0.00	36.02 -4.52 0.00	32.83 -4.00 0.00	38.53 -4.78 0.00	39.24 -4.25 0.00	45.38 -5.25 0.00	47.98 -5.78 0.00	49.07 -5.15 0.00	42.23 -4.57 0.00	34.87 -3.54 0.00	35.49 -3.56 0.00	35.53 -3.79 0.00	31.19 -3.43 0.00	30.54 -3.15 0.00
HQ_GEN_CEDARS 23644	48.88 1.88 0.00	39.63 1.45 0.00	35.64 1.14 0.00	37.94 1.18 0.00	39.95 1.29 0.00	37.03 1.10 0.00	48.28 1.43 0.00	52.90 1.64 0.00	41.14 1.24 0.00	35.50 1.06 0.00	34.85 0.87 0.00	41.29 0.75 0.00	37.48 0.65 0.00	44.13 0.82 0.00	44.58 1.10 0.00	51.84 1.20 0.00	54.83 1.07 0.00	55.30 1.08 0.00	47.33 0.52 0.00	38.70 0.29 0.00	39.43 0.38 0.00	39.90 0.58 0.00	35.38 0.76 0.00	34.48 0.79 0.00
HQ_GEN_CEDARS_PROXY 323590	48.88 1.88 0.00	39.63 1.45 0.00	35.64 1.14 0.00	37.94 1.18 0.00	39.95 1.29 0.00	37.03 1.10 0.00	48.28 1.43 0.00	52.90 1.64 0.00	41.14 1.24 0.00	35.50 1.06 0.00	34.85 0.87 0.00	41.29 0.75 0.00	37.48 0.65 0.00	44.13 0.82 0.00	44.58 1.10 0.00	51.84 1.20 0.00	54.83 1.07 0.00	55.30 1.08 0.00	47.33 0.52 0.00	38.70 0.29 0.00	39.43 0.38 0.00	39.90 0.58 0.00	35.38 0.76 0.00	34.48 0.79 0.00

HQ_GEN_IMPORT 323601	47.70 0.70 0.00	38.72 0.53 0.00	34.92 0.41 0.00	37.16 0.41 0.00	39.13 0.47 0.00	36.31 0.37 0.00	47.32 0.47 0.00	51.82 0.56 0.00	40.33 0.43 0.00	34.82 0.39 0.00	34.25 0.28 0.00	40.75 0.21 0.00	36.61 0.18 0.39	43.07 0.26 0.49	43.83 0.35 0.00	51.04 0.40 0.00	54.08 0.33 0.00	54.56 0.34 0.00	46.90 0.10 0.00	38.40 -0.01 0.00	39.10 0.05 0.00	39.45 0.13 0.00	34.83 0.21 0.00	33.93 0.24 0.00
HQ_GEN_WHEEL 23651	47.70 0.70 0.00	38.72 0.53 0.00	34.92 0.41 0.00	37.16 0.41 0.00	39.13 0.47 0.00	36.31 0.37 0.00	47.32 0.47 0.00	51.82 0.56 0.00	40.33 0.43 0.00	34.82 0.39 0.00	34.25 0.28 0.00	40.75 0.21 0.00	36.61 0.18 0.39	43.07 0.26 0.49	43.83 0.35 0.00	51.04 0.40 0.00	54.08 0.33 0.00	54.56 0.34 0.00	46.90 0.10 0.00	38.40 -0.01 0.00	39.10 0.05 0.00	39.45 0.13 0.00	34.83 0.21 0.00	33.93 0.24 0.00
HUDSON AVE_GT_3 23810	49.14 2.14 0.00	39.88 1.69 0.00	36.14 1.64 0.00	38.52 1.76 0.00	40.51 1.85 0.00	37.91 1.97 0.00	49.65 2.80 0.00	54.49 3.23 0.00	42.35 2.45 0.00	36.69 2.25 0.00	36.46 2.48 -0.01	43.64 3.10 0.00	39.62 2.78 -0.01	46.32 3.00 0.00	46.25 2.77 0.00	53.77 3.13 0.00	57.23 3.47 0.00	57.54 3.32 0.00	50.00 3.20 0.00	41.10 2.70 0.00	41.76 2.71 0.00	42.07 2.74 0.00	36.88 2.27 0.00	35.70 2.01 0.00
HUDSON AVE_GT_4 23540	49.14 2.14 0.00	39.88 1.69 0.00	36.14 1.64 0.00	38.52 1.76 0.00	40.51 1.85 0.00	37.91 1.97 0.00	49.65 2.80 0.00	54.49 3.23 0.00	42.35 2.45 0.00	36.69 2.25 0.00	36.46 2.48 -0.01	43.64 3.10 0.00	39.62 2.78 -0.01	46.32 3.00 0.00	46.25 2.77 0.00	53.77 3.13 0.00	57.23 3.47 0.00	57.54 3.32 0.00	50.00 3.20 0.00	41.10 2.70 0.00	41.76 2.71 0.00	42.07 2.74 0.00	36.88 2.27 0.00	35.70 2.01 0.00
HUDSON AVE_GT_5 23657	49.14 2.14 0.00	39.88 1.69 0.00	36.14 1.64 0.00	38.52 1.76 0.00	40.51 1.85 0.00	37.91 1.97 0.00	49.65 2.80 0.00	54.49 3.23 0.00	42.35 2.45 0.00	36.69 2.25 0.00	36.46 2.48 -0.01	43.64 3.10 0.00	39.62 2.78 -0.01	46.32 3.00 0.00	46.25 2.77 0.00	53.77 3.13 0.00	57.23 3.47 0.00	57.54 3.32 0.00	50.00 3.20 0.00	41.10 2.70 0.00	41.76 2.71 0.00	42.07 2.74 0.00	36.88 2.27 0.00	35.70 2.01 0.00
HUDSON_AVE_10 24168	48.98 1.98 0.00	39.74 1.56 0.00	36.02 1.51 0.00	38.37 1.62 0.00	40.36 1.70 0.00	37.79 1.86 0.00	49.42 2.57 0.00	54.25 2.98 0.00	42.17 2.26 0.00	36.58 2.15 0.00	36.35 2.37 -0.01	43.50 2.96 0.00	39.50 2.67 -0.01	46.16 2.85 0.00	46.10 2.62 0.00	53.59 2.95 0.00	57.06 3.30 0.00	57.36 3.14 0.00	49.85 3.05 0.00	40.98 2.57 0.00	41.63 2.58 0.00	41.93 2.60 0.00	36.76 2.14 0.00	35.58 1.89 0.00
HUDSON___115KV_TB 4 355613	47.75 0.75 0.00	38.94 0.76 0.00	35.40 0.90 0.00	37.65 0.89 0.00	39.63 0.97 0.00	37.07 1.13 0.00	48.08 1.22 0.00	52.46 1.20 0.00	41.01 1.10 0.00	35.27 0.84 0.00	34.86 0.89 0.00	41.50 0.97 0.00	37.68 0.85 0.00	44.19 0.88 0.00	44.15 0.67 0.00	51.68 1.05 0.00	55.17 1.41 0.00	55.65 1.43 0.00	48.25 1.45 0.00	39.73 1.32 0.00	40.35 1.30 0.00	40.55 1.23 0.00	35.67 1.05 0.00	34.65 0.96 0.00
HUNTER MOUNT___DRP 323613	47.87 0.86 0.00	39.06 0.87 0.00	35.50 0.99 0.00	37.75 0.99 0.00	39.73 1.07 0.00	37.18 1.24 0.00	48.22 1.37 0.00	52.65 1.39 0.00	41.10 1.20 0.00	35.34 0.91 0.00	34.90 0.93 0.00	41.56 1.02 0.00	37.70 0.87 0.00	44.24 0.93 0.00	44.22 0.74 0.00	51.81 1.18 0.00	55.34 1.58 0.00	55.85 1.63 0.00	48.40 1.60 0.00	39.83 1.42 0.00	40.43 1.38 0.00	40.61 1.29 0.00	35.72 1.10 0.00	34.68 1.00 0.00
HUNTINGTON_RES_REC 323705	48.64 1.64 0.00	39.23 1.04 0.00	35.71 1.21 0.00	38.20 1.45 0.00	40.05 1.38 0.00	37.58 1.64 0.00	49.52 2.67 0.00	54.38 3.12 0.00	41.89 1.99 0.00	36.40 1.97 0.00	36.39 2.41 0.00	43.48 2.95 0.00	44.41 2.54 -5.03	45.59 2.28 0.00	45.59 2.11 0.00	53.22 2.58 0.00	63.46 3.17 -6.53	83.61 3.20 -26.19	58.42 3.02 -8.60	40.98 2.57 0.00	41.66 2.61 0.00	41.93 2.60 0.00	36.77 2.16 0.00	35.63 1.94 0.00
HUNTLEY___63 23557	44.01 -2.99 0.00	35.41 -2.78 0.00	31.49 -3.02 0.00	33.53 -3.23 0.00	35.23 -3.44 0.00	31.45 -4.23 0.25	40.74 -6.06 0.05	44.73 -6.53 0.00	35.11 -4.80 0.00	30.65 -3.78 0.00	30.71 -3.26 0.00	36.99 -3.55 0.00	33.65 -3.18 0.00	39.70 -3.61 0.00	40.07 -3.42 0.00	46.39 -4.24 0.00	48.78 -4.98 0.00	49.73 -4.49 0.00	42.47 -4.33 0.00	35.13 -3.28 0.00	35.33 -3.72 0.00	35.35 -3.97 0.00	30.96 -3.66 0.00	30.39 -3.30 0.00
HUNTLEY___64 23558	44.01 -2.99 0.00	35.41 -2.78 0.00	31.49 -3.02 0.00	33.53 -3.23 0.00	35.23 -3.44 0.00	31.45 -4.23 0.25	40.74 -6.06 0.05	44.73 -6.53 0.00	35.11 -4.80 0.00	30.65 -3.78 0.00	30.71 -3.26 0.00	36.99 -3.55 0.00	33.65 -3.18 0.00	39.70 -3.61 0.00	40.07 -3.42 0.00	46.39 -4.24 0.00	48.78 -4.98 0.00	49.73 -4.49 0.00	42.47 -4.33 0.00	35.13 -3.28 0.00	35.33 -3.72 0.00	35.35 -3.97 0.00	30.96 -3.66 0.00	30.39 -3.30 0.00
HUNTLEY___65 23559	44.01 -2.99 0.00	35.41 -2.78 0.00	31.49 -3.02 0.00	33.53 -3.23 0.00	35.23 -3.44 0.00	31.45 -4.23 0.25	40.74 -6.06 0.05	44.73 -6.53 0.00	35.11 -4.80 0.00	30.65 -3.78 0.00	30.71 -3.26 0.00	36.99 -3.55 0.00	33.65 -3.18 0.00	39.70 -3.61 0.00	40.07 -3.42 0.00	46.39 -4.24 0.00	48.78 -4.98 0.00	49.73 -4.49 0.00	42.47 -4.33 0.00	35.13 -3.28 0.00	35.33 -3.72 0.00	35.35 -3.97 0.00	30.96 -3.66 0.00	30.39 -3.30 0.00
HUNTLEY___66 23560	44.01 -2.99 0.00	35.41 -2.78 0.00	31.49 -3.02 0.00	33.53 -3.23 0.00	35.23 -3.44 0.00	31.45 -4.23 0.25	40.74 -6.06 0.05	44.73 -6.53 0.00	35.11 -4.80 0.00	30.65 -3.78 0.00	30.71 -3.26 0.00	36.99 -3.55 0.00	33.65 -3.18 0.00	39.70 -3.61 0.00	40.07 -3.42 0.00	46.39 -4.24 0.00	48.78 -4.98 0.00	49.73 -4.49 0.00	42.47 -4.33 0.00	35.13 -3.28 0.00	35.33 -3.72 0.00	35.35 -3.97 0.00	30.96 -3.66 0.00	30.39 -3.30 0.00
HUNTLEY___67 23561	44.01 -2.99 0.00	35.39 -2.79 0.00	31.51 -2.99 0.00	33.55 -3.20 0.00	35.26 -3.41 0.00	31.55 -4.13 0.25	41.00 -5.81 0.05	45.06 -6.21 0.00	35.32 -4.58 0.00	30.76 -3.68 0.00	30.64 -3.33 0.00	36.85 -3.69 0.00	33.52 -3.31 0.00	39.52 -3.79 0.00	39.87 -3.61 0.00	46.18 -4.46 0.00	48.70 -5.06 0.00	49.65 -4.57 0.00	42.42 -4.38 0.00	35.07 -3.34 0.00	35.28 -3.77 0.00	35.30 -4.02 0.00	30.91 -3.70 0.00	30.32 -3.37 0.00
HUNTLEY___68 23562	44.01 -2.99 0.00	35.39 -2.79 0.00	31.51 -2.99 0.00	33.55 -3.20 0.00	35.26 -3.41 0.00	31.55 -4.13 0.25	41.00 -5.81 0.05	45.06 -6.21 0.00	35.32 -4.58 0.00	30.76 -3.68 0.00	30.64 -3.33 0.00	36.85 -3.69 0.00	33.52 -3.31 0.00	39.52 -3.79 0.00	39.87 -3.61 0.00	46.18 -4.46 0.00	48.70 -5.06 0.00	49.65 -4.57 0.00	42.42 -4.38 0.00	35.07 -3.34 0.00	35.28 -3.77 0.00	35.30 -4.02 0.00	30.91 -3.70 0.00	30.32 -3.37 0.00

HYLAND___LFGE 323620	47.32 0.32 0.00	38.10 -0.09 0.00	34.04 -0.46 0.00	36.11 -0.64 0.00	37.97 -0.69 0.00	34.37 -1.14 0.43	45.18 -1.59 0.08	49.60 -1.67 0.00	38.41 -1.49 0.00	32.27 -2.16 0.00	31.74 -2.23 0.00	38.48 -2.06 0.00	35.25 -1.57 0.00	42.02 -1.29 0.00	42.74 -0.74 0.00	49.46 -1.17 0.00	52.62 -1.14 0.00	53.73 -0.49 0.00	46.11 -0.69 0.00	38.09 -0.32 0.00	38.39 -0.66 0.00	38.24 -1.08 0.00	33.48 -1.14 0.00	32.67 -1.02 0.00
INDECK___CORINTH 23802	47.90 0.90 0.00	39.13 0.95 0.00	35.55 1.05 0.00	37.93 1.17 0.00	39.85 1.19 0.00	37.31 1.38 0.00	48.58 1.73 0.00	52.96 1.69 0.00	41.18 1.28 0.00	35.37 0.94 0.00	35.05 1.08 0.00	42.08 1.54 0.00	37.89 1.06 0.00	44.66 1.35 0.00	44.84 1.35 0.00	52.20 1.56 0.00	55.79 2.02 0.00	56.02 1.80 0.00	48.67 1.87 0.00	39.95 1.54 0.00	40.35 1.30 0.00	40.53 1.21 0.00	35.66 1.04 0.00	34.58 0.89 0.00
INDECK___ILION 23567	47.92 0.92 0.00	38.98 0.80 0.00	35.30 0.80 0.00	37.62 0.87 0.00	39.56 0.90 0.00	36.89 0.95 0.00	48.08 1.23 0.00	52.46 1.19 0.00	40.68 0.78 0.00	34.81 0.38 0.00	34.49 0.52 0.00	40.97 0.44 0.00	37.23 0.40 0.00	43.97 0.66 0.00	44.28 0.80 0.00	51.59 0.95 0.00	54.99 1.23 0.00	55.55 1.33 0.00	48.06 1.26 0.00	39.48 1.07 0.00	40.08 1.03 0.00	40.28 0.95 0.00	35.39 0.78 0.00	34.36 0.67 0.00
INDECK___OLEAN 23982	44.77 -2.24 0.00	36.03 -2.16 0.00	32.14 -2.36 0.00	34.26 -2.50 0.00	35.96 -2.70 0.00	32.47 -3.10 0.36	42.70 -4.08 0.07	46.84 -4.43 0.00	36.53 -3.38 0.00	31.66 -2.78 0.00	31.58 -2.39 0.00	38.03 -2.51 0.00	34.56 -2.26 0.00	40.72 -2.59 0.00	40.80 -2.68 0.00	47.19 -3.44 0.00	49.93 -3.83 0.00	50.80 -3.42 0.00	43.69 -3.11 0.00	36.04 -2.36 0.00	36.48 -2.57 0.00	36.55 -2.78 0.00	32.02 -2.60 0.00	31.24 -2.44 0.00
INDECK___OSWEGO 23783	45.36 -1.65 0.00	36.82 -1.36 0.00	33.26 -1.24 0.00	35.43 -1.33 0.00	37.24 -1.42 0.00	34.59 -1.34 0.00	45.12 -1.73 0.00	49.35 -1.92 0.00	38.43 -1.47 0.00	33.12 -1.32 0.00	32.63 -1.34 0.00	38.99 -1.55 0.00	35.43 -1.40 0.00	41.76 -1.55 0.00	41.96 -1.52 0.00	48.85 -1.79 0.00	51.85 -1.92 0.00	52.38 -1.84 0.00	45.20 -1.60 0.00	37.14 -1.27 0.00	37.69 -1.37 0.00	37.90 -1.43 0.00	33.33 -1.30 0.00	32.48 -1.21 0.00
INDECK___YERKES 23781	44.06 -2.94 0.00	35.45 -2.74 0.00	31.51 -3.00 0.00	33.55 -3.21 0.00	35.26 -3.41 0.00	31.50 -4.19 0.25	40.80 -6.00 0.05	44.76 -6.51 0.00	35.17 -4.73 0.00	30.67 -3.76 0.00	30.74 -3.23 0.00	37.03 -3.51 0.00	33.68 -3.14 0.00	39.76 -3.55 0.00	40.10 -3.39 0.00	46.43 -4.20 0.00	48.82 -4.94 0.00	49.78 -4.44 0.00	42.50 -4.30 0.00	35.16 -3.25 0.00	35.36 -3.68 0.00	35.38 -3.95 0.00	30.99 -3.64 0.00	30.41 -3.27 0.00
INDIAN POINT_GT_1 24139	48.58 1.58 0.00	39.44 1.26 0.00	35.73 1.22 0.00	38.11 1.35 0.00	40.06 1.40 0.00	37.45 1.52 0.00	49.05 2.19 0.00	53.78 2.51 0.00	41.75 1.85 0.00	36.15 1.71 0.00	35.90 1.93 0.00	42.98 2.44 0.00	39.01 2.19 0.00	45.66 2.35 0.00	45.58 2.10 0.00	53.06 2.43 0.00	56.50 2.74 0.00	56.88 2.66 0.00	49.40 2.60 0.00	40.60 2.19 0.00	41.26 2.21 0.00	41.58 2.26 0.00	36.47 1.85 0.00	35.30 1.61 0.00
INDIAN POINT_GT_2 23659	48.58 1.58 0.00	39.44 1.26 0.00	35.73 1.22 0.00	38.11 1.35 0.00	40.06 1.40 0.00	37.45 1.52 0.00	49.05 2.19 0.00	53.78 2.51 0.00	41.75 1.85 0.00	36.15 1.71 0.00	35.90 1.93 0.00	42.98 2.44 0.00	39.01 2.19 0.00	45.66 2.35 0.00	45.58 2.10 0.00	53.06 2.43 0.00	56.50 2.74 0.00	56.88 2.66 0.00	49.40 2.60 0.00	40.60 2.19 0.00	41.26 2.21 0.00	41.58 2.26 0.00	36.47 1.85 0.00	35.30 1.61 0.00
INDIAN POINT_GT_3 24019	48.58 1.58 0.00	39.44 1.26 0.00	35.73 1.22 0.00	38.11 1.35 0.00	40.06 1.40 0.00	37.45 1.52 0.00	49.05 2.19 0.00	53.78 2.51 0.00	41.75 1.85 0.00	36.15 1.71 0.00	35.90 1.93 0.00	42.98 2.44 0.00	39.01 2.19 0.00	45.66 2.35 0.00	45.58 2.10 0.00	53.06 2.43 0.00	56.50 2.74 0.00	56.88 2.66 0.00	49.40 2.60 0.00	40.60 2.19 0.00	41.26 2.21 0.00	41.58 2.26 0.00	36.47 1.85 0.00	35.30 1.61 0.00
INDIAN POINT___2 23530	48.54 1.53 0.00	39.40 1.22 0.00	35.68 1.18 0.00	38.07 1.32 0.00	40.03 1.37 0.00	37.42 1.48 0.00	48.99 2.14 0.00	53.72 2.45 0.00	41.69 1.79 0.00	36.09 1.66 0.00	35.84 1.87 0.00	42.94 2.40 0.00	38.97 2.15 0.00	45.61 2.30 0.00	45.53 2.05 0.00	53.00 2.36 0.00	56.43 2.67 0.00	56.82 2.60 0.00	49.34 2.54 0.00	40.55 2.14 0.00	41.22 2.17 0.00	41.54 2.22 0.00	36.44 1.82 0.00	35.26 1.57 0.00
INDIAN POINT___3 23531	48.58 1.58 0.00	39.44 1.26 0.00	35.73 1.23 0.00	38.11 1.36 0.00	40.06 1.40 0.00	37.45 1.52 0.00	49.05 2.20 0.00	53.78 2.52 0.00	41.76 1.85 0.00	36.16 1.73 0.00	35.91 1.93 0.00	42.98 2.44 0.00	39.03 2.20 0.00	45.66 2.35 0.00	45.60 2.12 0.00	53.06 2.43 0.00	56.50 2.74 0.00	56.87 2.65 0.00	49.38 2.58 0.00	40.59 2.18 0.00	41.26 2.21 0.00	41.58 2.26 0.00	36.47 1.85 0.00	35.30 1.61 0.00
INGHAM_C_115KV_TB7 356103	49.20 2.20 0.00	40.04 1.85 0.00	36.34 1.83 0.00	38.74 1.98 0.00	40.74 2.08 0.00	38.09 2.16 0.00	49.61 2.76 0.00	53.95 2.68 0.00	41.72 1.82 0.00	35.30 0.86 0.00	35.16 1.19 0.00	41.55 1.01 0.00	37.71 0.88 0.00	44.86 1.55 0.00	45.42 1.93 0.00	52.94 2.30 0.00	56.61 2.85 0.00	57.27 3.05 0.00	49.60 2.80 0.00	40.77 2.37 0.00	41.35 2.30 0.00	41.48 2.16 0.00	36.46 1.84 0.00	35.31 1.62 0.00
IP CORINTH___1 23988	48.15 1.15 0.00	39.34 1.15 0.00	35.73 1.23 0.00	38.12 1.37 0.00	40.07 1.40 0.00	37.49 1.56 0.00	48.83 1.98 0.00	53.25 1.98 0.00	41.40 1.49 0.00	35.55 1.12 0.00	35.23 1.26 0.00	42.30 1.76 0.00	38.09 1.26 0.00	44.89 1.58 0.00	45.07 1.58 0.00	52.49 1.85 0.00	56.09 2.32 0.00	56.31 2.10 0.00	48.93 2.13 0.00	40.15 1.75 0.00	40.57 1.52 0.00	40.73 1.41 0.00	35.84 1.22 0.00	34.75 1.06 0.00
IP___TICONDEROGA 23804	50.41 3.40 0.00	41.37 3.18 0.00	37.87 3.37 0.00	40.29 3.54 0.00	42.14 3.47 0.00	39.67 3.74 0.00	51.48 4.63 0.00	55.83 4.56 0.00	43.30 3.39 0.00	37.04 2.61 0.00	37.00 3.03 0.00	44.51 3.97 0.00	39.82 3.00 0.00	47.10 3.79 0.00	47.17 3.69 0.00	54.91 4.27 0.00	59.54 5.78 0.00	59.31 5.09 0.00	51.95 5.15 0.00	42.42 4.02 0.00	41.93 2.88 0.00	41.67 2.35 0.00	36.68 2.06 0.00	35.58 1.89 0.00
ISLIP_RES_REC 323679	49.06 2.06 0.00	39.56 1.38 0.00	36.01 1.51 0.00	38.53 1.77 0.00	40.43 1.77 0.00	37.99 2.05 0.00	50.13 3.28 0.00	55.06 3.79 0.00	42.37 2.46 0.00	36.81 2.37 0.00	36.78 2.80 0.00	43.90 3.37 0.00	44.76 2.88 -5.05	46.01 2.70 0.00	46.06 2.57 0.00	53.76 3.12 0.00	64.11 3.82 -6.54	84.32 3.87 -26.23	58.99 3.58 -8.62	41.45 3.05 0.00	42.10 3.05 0.00	42.37 3.05 0.00	37.19 2.57 0.00	36.00 2.31 0.00

JAMAICA__27_KV_LOAD 355505	49.23 2.23 0.00	39.91 1.72 0.00	36.17 1.67 0.00	38.53 1.77 0.00	40.53 1.87 0.00	38.00 2.07 0.00	49.53 2.68 0.00	54.38 3.11 0.00	42.29 2.39 0.00	36.81 2.38 0.00	36.54 2.56 -0.01	43.72 3.18 0.00	39.75 2.92 -0.01	46.40 3.09 0.00	46.37 2.88 0.00	53.91 3.27 0.00	57.44 3.68 0.00	57.76 3.54 0.00	50.19 3.39 0.00	41.25 2.84 0.00	41.91 2.86 0.00	42.18 2.86 0.00	36.96 2.34 0.00	35.79 2.10 0.00
JANIS__SOLAR 323808	48.36 1.36 0.00	39.12 0.93 0.00	35.20 0.70 0.00	37.54 0.78 0.00	39.47 0.81 0.00	37.13 0.62 -0.57	47.97 1.00 -0.12	52.08 0.81 0.00	40.00 0.09 0.00	34.18 -0.25 0.00	33.40 -0.57 0.00	39.77 -0.77 0.00	36.41 -0.42 0.00	43.14 -0.17 0.00	43.65 0.16 0.00	50.96 0.33 0.00	54.30 0.54 0.00	55.06 0.84 0.00	47.36 0.56 0.00	38.88 0.47 0.00	39.38 0.33 0.00	39.50 0.18 0.00	34.71 0.09 0.00	33.77 0.08 0.00
JARVIS____ 23743	46.95 -0.05 0.00	38.18 0.00 0.00	34.53 0.03 0.00	36.79 0.04 0.00	38.69 0.03 0.00	36.00 0.06 0.00	46.92 0.07 0.00	51.30 0.04 0.00	39.92 0.02 0.00	34.42 -0.01 0.00	33.98 0.01 0.00	40.56 0.02 0.00	36.86 0.03 0.00	43.35 0.04 0.00	43.51 0.03 0.00	50.67 0.03 0.00	53.84 0.08 0.00	54.28 0.06 0.00	46.93 0.13 0.00	38.55 0.14 0.00	39.17 0.12 0.00	39.43 0.10 0.00	34.68 0.06 0.00	33.72 0.03 0.00
JENNISON____1 23625	48.59 1.59 0.00	39.20 1.01 0.00	35.17 0.66 0.00	37.55 0.80 0.00	39.49 0.83 0.00	36.45 0.40 -0.12	47.42 0.53 -0.03	51.55 0.29 0.00	39.93 0.02 0.00	34.07 -0.37 0.00	33.51 -0.47 0.00	39.88 -0.66 0.00	36.40 -0.43 0.00	42.87 -0.45 0.00	43.15 -0.33 0.00	50.31 -0.32 0.00	53.75 -0.01 0.00	54.53 0.31 0.00	46.78 -0.03 0.00	38.48 0.07 0.00	38.98 -0.07 0.00	39.08 -0.24 0.00	34.44 -0.18 0.00	33.61 -0.08 0.00
JENNISON____2 23626	48.59 1.59 0.00	39.20 1.01 0.00	35.17 0.66 0.00	37.55 0.80 0.00	39.49 0.83 0.00	36.45 0.40 -0.12	47.42 0.53 -0.03	51.55 0.29 0.00	39.93 0.02 0.00	34.07 -0.37 0.00	33.51 -0.47 0.00	39.88 -0.66 0.00	36.40 -0.43 0.00	42.87 -0.45 0.00	43.15 -0.33 0.00	50.31 -0.32 0.00	53.75 -0.01 0.00	54.53 0.31 0.00	46.78 -0.03 0.00	38.48 0.07 0.00	38.98 -0.07 0.00	39.08 -0.24 0.00	34.44 -0.18 0.00	33.61 -0.08 0.00
JERICOHO_RISE_WT_PWR 323719	48.16 1.16 0.00	39.09 0.90 0.00	35.04 0.54 0.00	37.30 0.55 0.00	39.35 0.69 0.00	36.51 0.58 0.00	47.56 0.71 0.00	52.17 0.90 0.00	40.54 0.63 0.00	35.02 0.59 0.00	34.10 0.13 0.00	40.46 -0.08 0.00	36.83 0.00 0.00	43.44 0.13 0.00	43.88 0.40 0.00	50.90 0.26 0.00	53.85 0.09 0.00	54.16 -0.05 0.00	45.93 -0.87 0.00	37.38 -1.03 0.00	38.02 -1.03 0.00	38.49 -0.84 0.00	34.16 -0.46 0.00	33.39 -0.30 0.00
KATONAH__115KV_46KV_TB4 355592	48.85 1.85 0.00	39.64 1.46 0.00	35.92 1.41 0.00	38.30 1.55 0.00	40.26 1.60 0.00	37.66 1.73 0.00	49.36 2.51 0.00	54.11 2.85 0.00	42.04 2.13 0.00	36.40 1.97 0.00	36.13 2.15 0.00	43.22 2.68 0.00	39.21 2.39 0.00	45.88 2.57 0.00	45.85 2.36 0.00	53.38 2.74 0.00	56.81 3.05 0.00	57.19 2.97 0.00	49.67 2.87 0.00	40.82 2.41 0.00	41.46 2.41 0.00	41.76 2.43 0.00	36.63 2.01 0.00	35.45 1.76 0.00
KCE_NY_1 323755	48.28 1.28 0.00	39.36 1.18 0.00	35.70 1.20 0.00	38.10 1.34 0.00	40.05 1.39 0.00	37.44 1.51 0.00	48.82 1.97 0.00	53.20 1.93 0.00	41.39 1.49 0.00	35.58 1.15 0.00	35.19 1.21 0.00	42.24 1.70 0.00	38.15 1.32 0.00	45.00 1.69 0.00	45.17 1.69 0.00	52.64 2.01 0.00	56.14 2.38 0.00	56.46 2.24 0.00	48.95 2.15 0.00	40.22 1.81 0.00	40.80 1.75 0.00	41.03 1.71 0.00	36.04 1.43 0.00	34.98 1.30 0.00
KCE_NY_6_ESR 323823	44.54 -2.47 0.00	35.78 -2.41 0.00	31.84 -2.66 0.00	33.90 -2.85 0.00	35.61 -3.05 0.00	31.88 -3.77 0.28	41.48 -5.31 0.06	45.58 -5.68 0.00	35.65 -4.26 0.00	30.96 -3.48 0.00	30.87 -3.10 0.00	37.17 -3.37 0.00	33.77 -3.06 0.00	39.87 -3.44 0.00	40.22 -3.26 0.00	46.60 -4.03 0.00	49.16 -4.60 0.00	50.16 -4.06 0.00	42.89 -3.92 0.00	35.43 -2.98 0.00	35.66 -3.39 0.00	35.67 -3.65 0.00	31.23 -3.39 0.00	30.60 -3.09 0.00
KEDC PORT_JEFF_GT2 24210	48.74 1.74 0.00	39.32 1.13 0.00	35.79 1.29 0.00	38.29 1.54 0.00	40.19 1.53 0.00	37.74 1.81 0.00	49.77 2.91 0.00	54.66 3.39 0.00	42.08 2.17 0.00	36.57 2.13 0.00	36.52 2.55 0.00	43.62 3.08 0.00	44.44 2.62 -4.99	45.71 2.40 0.00	45.74 2.26 0.00	53.35 2.72 0.00	63.59 3.37 -6.46	83.56 3.42 -25.93	58.51 3.20 -8.52	41.15 2.74 0.00	41.82 2.77 0.00	42.09 2.77 0.00	36.95 2.33 0.00	35.79 2.10 0.00
KEDC PORT_JEFF_GT3 24211	48.74 1.74 0.00	39.32 1.13 0.00	35.79 1.29 0.00	38.29 1.54 0.00	40.19 1.53 0.00	37.74 1.81 0.00	49.77 2.91 0.00	54.66 3.39 0.00	42.08 2.17 0.00	36.57 2.13 0.00	36.52 2.55 0.00	43.62 3.08 0.00	44.44 2.62 -4.99	45.71 2.40 0.00	45.74 2.26 0.00	53.35 2.72 0.00	63.59 3.37 -6.46	83.56 3.42 -25.93	58.51 3.20 -8.52	41.15 2.74 0.00	41.82 2.77 0.00	42.09 2.77 0.00	36.95 2.33 0.00	35.79 2.10 0.00
KEDC_GLWD_GT4 24219	49.05 2.05 0.00	39.75 1.56 0.00	36.06 1.56 0.00	38.47 1.72 0.00	40.38 1.73 0.00	37.80 1.86 0.00	49.65 2.80 0.00	54.48 3.21 0.00	42.22 2.31 0.00	36.64 2.20 0.00	36.46 2.49 0.00	43.62 3.08 0.00	48.18 2.74 -8.61	46.14 2.82 0.00	46.11 2.63 0.00	53.70 3.07 0.00	68.49 3.48 -11.25	102.76 3.40 -45.13	64.85 3.23 -14.83	41.12 2.71 0.00	41.79 2.74 0.00	42.08 2.76 0.00	36.91 2.29 0.00	35.71 2.02 0.00
KEDC_GLWD_GT5 24220	49.05 2.05 0.00	39.75 1.56 0.00	36.06 1.56 0.00	38.47 1.72 0.00	40.38 1.73 0.00	37.80 1.86 0.00	49.65 2.80 0.00	54.48 3.21 0.00	42.22 2.31 0.00	36.64 2.20 0.00	36.46 2.49 0.00	43.62 3.08 0.00	48.18 2.74 -8.61	46.14 2.82 0.00	46.11 2.63 0.00	53.70 3.07 0.00	68.49 3.48 -11.25	102.76 3.40 -45.13	64.85 3.23 -14.83	41.12 2.71 0.00	41.79 2.74 0.00	42.08 2.76 0.00	36.91 2.29 0.00	35.71 2.02 0.00
KENSICO____ 23655	48.72 1.71 0.00	39.53 1.34 0.00	35.81 1.31 0.00	38.19 1.44 0.00	40.16 1.49 0.00	37.55 1.61 0.00	49.19 2.34 0.00	53.95 2.68 0.00	41.89 1.99 0.00	36.28 1.84 0.00	36.03 2.06 0.00	43.14 2.60 0.00	39.16 2.33 0.00	45.80 2.49 0.00	45.75 2.27 0.00	53.24 2.60 0.00	56.67 2.92 0.00	57.03 2.81 0.00	49.54 2.74 0.00	40.71 2.30 0.00	41.37 2.32 0.00	41.69 2.36 0.00	36.56 1.95 0.00	35.39 1.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	49.01 2.01 0.00	39.76 1.57 0.00	35.97 1.47 0.00	38.37 1.62 0.00	40.35 1.69 0.00	37.71 1.77 0.00	49.45 2.60 0.00	54.25 2.99 0.00	42.05 2.14 0.00	36.36 1.93 0.00	35.94 1.97 0.00	42.75 2.22 0.00	38.89 2.06 0.00	45.73 2.42 0.00	45.72 2.24 0.00	53.43 2.80 0.00	56.89 3.13 0.00	57.40 3.18 0.00	49.79 2.99 0.00	40.91 2.50 0.00	41.54 2.49 0.00	41.82 2.49 0.00	36.66 2.04 0.00	35.46 1.77 0.00

KIAC_JFK_GT1 23816	49.08 2.07 0.00	39.79 1.60 0.00	36.07 1.56 0.00	38.42 1.66 0.00	40.41 1.75 0.00	37.89 1.95 0.00	49.37 2.52 0.00	54.20 2.93 0.00	42.16 2.25 0.00	36.69 2.26 0.00	36.43 2.46 -0.01	43.59 3.05 0.00	39.63 2.80 -0.01	46.27 2.96 0.00	46.22 2.74 0.00	53.73 3.10 0.00	57.22 3.46 0.00	57.55 3.33 0.00	50.01 3.21 0.00	41.09 2.69 0.00	41.76 2.71 0.00	42.04 2.72 0.00	36.85 2.23 0.00	35.67 1.98 0.00
KIAC_JFK_GT2 23817	49.08 2.07 0.00	39.79 1.60 0.00	36.07 1.56 0.00	38.42 1.66 0.00	40.41 1.75 0.00	37.89 1.95 0.00	49.37 2.52 0.00	54.20 2.93 0.00	42.16 2.25 0.00	36.69 2.26 0.00	36.43 2.46 -0.01	43.59 3.05 0.00	39.63 2.80 -0.01	46.27 2.96 0.00	46.22 2.74 0.00	53.73 3.10 0.00	57.22 3.46 0.00	57.55 3.33 0.00	50.01 3.21 0.00	41.09 2.69 0.00	41.76 2.71 0.00	42.04 2.72 0.00	36.85 2.23 0.00	35.67 1.98 0.00
KIAC_JFK____ 323774	49.08 2.07 0.00	39.79 1.60 0.00	36.07 1.56 0.00	38.42 1.66 0.00	40.41 1.75 0.00	37.88 1.95 0.00	49.38 2.53 0.00	54.19 2.93 0.00	42.15 2.25 0.00	36.69 2.26 0.00	36.43 2.45 -0.01	43.59 3.05 0.00	39.63 2.79 -0.01	46.26 2.95 0.00	46.22 2.74 0.00	53.73 3.10 0.00	57.22 3.46 0.00	57.54 3.32 0.00	50.00 3.20 0.00	41.09 2.69 0.00	41.76 2.71 0.00	42.04 2.72 0.00	36.85 2.23 0.00	35.67 1.98 0.00
KINTIGH__24_KV_GSU 356498	44.31 -2.69 0.00	35.72 -2.47 0.00	31.89 -2.62 0.00	33.97 -2.79 0.00	35.71 -2.95 0.00	32.23 -3.52 0.18	41.92 -4.90 0.04	46.04 -5.23 0.00	36.13 -3.77 0.00	31.37 -3.07 0.00	31.18 -2.79 0.00	37.48 -3.06 0.00	34.08 -2.75 0.00	40.17 -3.14 0.00	40.43 -3.05 0.00	46.86 -3.77 0.00	49.50 -4.26 0.00	50.40 -3.82 0.00	43.11 -3.69 0.00	35.61 -2.80 0.00	35.87 -3.18 0.00	35.90 -3.42 0.00	31.46 -3.16 0.00	30.80 -2.89 0.00
KINTIGH____ 23543	44.29 -2.72 0.00	35.69 -2.49 0.00	31.87 -2.64 0.00	33.95 -2.81 0.00	35.69 -2.97 0.00	32.21 -3.54 0.18	41.88 -4.94 0.04	46.01 -5.25 0.00	36.08 -3.83 0.00	31.36 -3.08 0.00	31.16 -2.81 0.00	37.45 -3.09 0.00	34.06 -2.77 0.00	40.13 -3.18 0.00	40.41 -3.07 0.00	46.83 -3.81 0.00	49.49 -4.27 0.00	50.36 -3.86 0.00	43.09 -3.72 0.00	35.59 -2.82 0.00	35.85 -3.20 0.00	35.88 -3.45 0.00	31.43 -3.19 0.00	30.78 -2.91 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	48.72 1.72 0.00	39.54 1.35 0.00	35.43 0.93 0.00	37.72 0.97 0.00	39.79 1.13 0.00	36.95 1.01 0.00	48.19 1.34 0.00	52.84 1.57 0.00	41.06 1.16 0.00	35.41 0.97 0.00	34.48 0.51 0.00	40.90 0.37 0.00	37.18 0.35 0.00	43.78 0.47 0.00	44.29 0.81 0.00	51.42 0.78 0.00	54.50 0.74 0.00	54.90 0.68 0.00	46.54 -0.26 0.00	37.83 -0.58 0.00	38.42 -0.63 0.00	38.85 -0.47 0.00	34.49 -0.13 0.00	33.72 0.03 0.00
LACHUTE____HYDRO 323717	50.41 3.40 0.00	41.37 3.18 0.00	37.87 3.37 0.00	40.29 3.54 0.00	42.14 3.47 0.00	39.67 3.74 0.00	51.48 4.63 0.00	55.83 4.56 0.00	43.30 3.39 0.00	37.04 2.61 0.00	37.00 3.03 0.00	44.51 3.97 0.00	39.82 2.99 0.00	47.10 3.79 0.00	47.17 3.69 0.00	54.91 4.28 0.00	59.54 5.78 0.00	59.31 5.09 0.00	51.95 5.15 0.00	42.43 4.02 0.00	41.93 2.89 0.00	41.67 2.35 0.00	36.68 2.06 0.00	35.58 1.89 0.00
LAWRNCALV_115KV_TB1 80681	49.07 2.07 0.00	39.79 1.60 0.00	35.74 1.23 0.00	38.05 1.29 0.00	40.07 1.41 0.00	37.14 1.21 0.00	48.48 1.62 0.00	53.11 1.84 0.00	41.27 1.36 0.00	35.54 1.10 0.00	34.79 0.82 0.00	41.13 0.60 0.00	37.33 0.50 0.00	43.99 0.68 0.00	44.58 1.10 0.00	51.72 1.08 0.00	54.52 0.77 0.00	54.89 0.67 0.00	46.92 0.12 0.00	38.34 -0.07 0.00	39.13 0.08 0.00	39.73 0.41 0.00	35.31 0.69 0.00	34.39 0.71 0.00
LEDERLE____ 23769	48.83 1.83 0.00	39.64 1.45 0.00	35.89 1.38 0.00	38.28 1.53 0.00	40.26 1.60 0.00	37.64 1.70 0.00	49.38 2.53 0.00	54.16 2.89 0.00	42.04 2.13 0.00	36.39 1.96 0.00	36.15 2.18 0.00	43.24 2.70 0.00	39.26 2.43 0.00	45.95 2.64 0.00	45.87 2.39 0.00	53.38 2.75 0.00	56.86 3.10 0.00	57.26 3.04 0.00	49.71 2.91 0.00	40.85 2.44 0.00	41.52 2.47 0.00	41.84 2.51 0.00	36.68 2.06 0.00	35.48 1.79 0.00
LIGHTHSE_115KV_TB6 355974	46.37 -0.63 0.00	37.60 -0.59 0.00	33.87 -0.63 0.00	36.04 -0.71 0.00	37.90 -0.77 0.00	35.15 -0.79 0.00	45.87 -0.98 0.00	50.15 -1.12 0.00	39.00 -0.90 0.00	33.44 -0.99 0.00	32.77 -1.20 0.00	39.00 -1.54 0.00	35.32 -1.51 0.00	41.94 -1.38 0.00	42.33 -1.15 0.00	49.20 -1.44 0.00	52.19 -1.57 0.00	52.70 -1.52 0.00	45.45 -1.35 0.00	37.35 -1.05 0.00	37.87 -1.18 0.00	38.12 -1.20 0.00	33.57 -1.05 0.00	32.65 -1.04 0.00
LINDEN COGEN____ 23786	48.92 1.92 0.00	39.72 1.53 0.00	35.99 1.49 0.00	38.37 1.61 0.00	40.34 1.68 0.00	37.76 1.83 0.00	49.44 2.59 0.00	54.25 2.98 0.00	42.15 2.24 0.00	36.52 2.09 0.00	36.29 2.31 -0.01	43.44 2.91 0.00	39.44 2.60 -0.01	46.10 2.79 0.00	46.02 2.54 0.00	53.44 2.81 0.00	56.92 3.16 0.00	57.22 3.00 0.00	49.75 2.95 0.00	40.89 2.48 0.00	41.56 2.51 0.00	41.88 2.55 0.00	36.72 2.10 0.00	35.54 1.85 0.00
LINDHRST_69_KV_BK1 356055	49.27 2.27 0.00	39.78 1.59 0.00	36.17 1.67 0.00	38.62 1.86 0.00	40.50 1.84 0.00	37.99 2.05 0.00	50.05 3.19 0.00	54.97 3.71 0.00	42.37 2.47 0.00	36.79 2.36 0.00	36.73 2.76 0.00	43.91 3.37 0.00	45.60 2.95 -5.82	46.14 2.83 0.00	46.20 2.72 0.00	54.00 3.36 0.00	65.23 3.92 -7.55	88.41 3.88 -30.31	60.43 3.67 -9.96	41.50 3.09 0.00	42.17 3.12 0.00	42.43 3.11 0.00	37.19 2.57 0.00	35.98 2.30 0.00
LIPA_MISC_IPP 23656	48.65 1.64 0.00	39.23 1.04 0.00	35.74 1.24 0.00	38.27 1.52 0.00	40.19 1.53 0.00	37.77 1.83 0.00	49.84 2.99 0.00	54.75 3.48 0.00	42.13 2.23 0.00	36.56 2.13 0.00	36.53 2.56 0.00	43.60 3.06 0.00	44.34 2.54 -4.97	45.64 2.33 0.00	45.64 2.16 0.00	53.20 2.56 0.00	63.44 3.25 -6.43	83.31 3.31 -25.78	58.38 3.11 -8.47	41.07 2.67 0.00	41.74 2.69 0.00	42.02 2.69 0.00	36.89 2.27 0.00	35.71 2.02 0.00
LISF____SOLAR 323691	48.73 1.73 0.00	39.29 1.10 0.00	35.80 1.29 0.00	38.33 1.58 0.00	40.24 1.58 0.00	37.83 1.90 0.00	49.93 3.08 0.00	54.84 3.57 0.00	42.18 2.27 0.00	36.60 2.17 0.00	36.57 2.60 0.00	43.63 3.09 0.00	44.39 2.58 -4.98	45.68 2.37 0.00	45.70 2.22 0.00	53.28 2.65 0.00	63.56 3.37 -6.44	83.50 3.44 -25.84	58.50 3.22 -8.49	41.17 2.76 0.00	41.82 2.77 0.00	42.10 2.78 0.00	36.96 2.34 0.00	35.77 2.09 0.00
LITTLE FALLS____HYD 24013	49.20 2.20 0.00	40.04 1.85 0.00	36.34 1.83 0.00	38.74 1.98 0.00	40.74 2.08 0.00	38.09 2.16 0.00	49.61 2.76 0.00	53.95 2.68 0.00	41.72 1.82 0.00	35.30 0.86 0.00	35.16 1.19 0.00	41.55 1.01 0.00	37.71 0.88 0.00	44.86 1.55 0.00	45.42 1.93 0.00	52.94 2.30 0.00	56.61 2.85 0.00	57.27 3.05 0.00	49.60 2.80 0.00	40.77 2.37 0.00	41.35 2.30 0.00	41.48 2.16 0.00	36.46 1.84 0.00	35.31 1.62 0.00

LITTLRIV_115KV_TB1 356100	49.70 2.70 0.00	40.27 2.08 0.00	36.16 1.66 0.00	38.49 1.74 0.00	40.55 1.89 0.00	37.60 1.67 0.00	49.15 2.30 0.00	53.86 2.60 0.00	41.79 1.89 0.00	35.96 1.52 0.00	35.20 1.23 0.00	41.52 0.98 0.00	37.73 0.90 0.00	44.24 0.93 0.00	45.19 1.71 0.00	52.53 1.89 0.00	55.34 1.57 0.00	55.80 1.57 0.00	47.66 0.86 0.00	38.92 0.52 0.00	39.70 0.66 0.00	40.30 0.98 0.00	35.78 1.16 0.00	34.83 1.14 0.00
LI_NEWBRDGE___DRP 323616	48.67 1.67 0.00	39.37 1.18 0.00	35.78 1.28 0.00	38.21 1.45 0.00	40.05 1.39 0.00	37.52 1.58 0.00	49.36 2.50 0.00	54.18 2.91 0.00	41.87 1.96 0.00	36.36 1.93 0.00	36.27 2.29 0.00	43.37 2.83 0.00	43.89 2.48 -4.58	45.72 2.40 0.00	45.69 2.20 0.00	53.25 2.62 0.00	62.81 3.06 -5.99	81.27 3.00 -24.05	57.57 2.87 -7.90	40.85 2.44 0.00	41.53 2.48 0.00	41.82 2.50 0.00	36.68 2.07 0.00	35.52 1.83 0.00
LOCKPORT_115KV_TB60_63_64 80432	44.00 -3.00 0.00	35.42 -2.76 0.00	31.53 -2.98 0.00	33.58 -3.17 0.00	35.29 -3.37 0.00	31.48 -4.23 0.23	40.78 -6.03 0.04	44.88 -6.39 0.00	35.24 -4.67 0.00	30.69 -3.75 0.00	30.54 -3.43 0.00	36.75 -3.79 0.00	33.47 -3.35 0.00	39.48 -3.83 0.00	39.86 -3.62 0.00	46.14 -4.49 0.00	48.60 -5.16 0.00	49.57 -4.65 0.00	42.33 -4.47 0.00	35.02 -3.39 0.00	35.21 -3.84 0.00	35.24 -4.08 0.00	30.80 -3.82 0.00	30.23 -3.46 0.00
LOCKPORT___CC1 323769	43.99 -3.01 0.00	35.41 -2.78 0.00	31.50 -3.00 0.00	33.55 -3.20 0.00	35.26 -3.40 0.00	31.48 -4.22 0.23	40.77 -6.04 0.05	44.85 -6.41 0.00	35.25 -4.66 0.00	30.65 -3.79 0.00	30.52 -3.45 0.00	36.72 -3.82 0.00	33.43 -3.40 0.00	39.44 -3.87 0.00	39.81 -3.67 0.00	46.08 -4.55 0.00	48.55 -5.21 0.00	49.52 -4.70 0.00	42.29 -4.51 0.00	34.98 -3.42 0.00	35.17 -3.88 0.00	35.20 -4.13 0.00	30.79 -3.83 0.00	30.21 -3.48 0.00
LOCKPORT___CC2 323770	43.99 -3.01 0.00	35.41 -2.78 0.00	31.50 -3.00 0.00	33.55 -3.20 0.00	35.26 -3.40 0.00	31.48 -4.22 0.23	40.77 -6.04 0.05	44.85 -6.41 0.00	35.25 -4.66 0.00	30.65 -3.79 0.00	30.52 -3.45 0.00	36.72 -3.82 0.00	33.43 -3.40 0.00	39.44 -3.87 0.00	39.81 -3.67 0.00	46.08 -4.55 0.00	48.55 -5.21 0.00	49.52 -4.70 0.00	42.29 -4.51 0.00	34.98 -3.42 0.00	35.17 -3.88 0.00	35.20 -4.13 0.00	30.79 -3.83 0.00	30.21 -3.48 0.00
LOCKPORT___CC3 323771	43.99 -3.01 0.00	35.41 -2.78 0.00	31.50 -3.00 0.00	33.55 -3.20 0.00	35.26 -3.40 0.00	31.48 -4.22 0.23	40.77 -6.04 0.05	44.85 -6.41 0.00	35.25 -4.66 0.00	30.65 -3.79 0.00	30.52 -3.45 0.00	36.72 -3.82 0.00	33.43 -3.40 0.00	39.44 -3.87 0.00	39.81 -3.67 0.00	46.08 -4.55 0.00	48.55 -5.21 0.00	49.52 -4.70 0.00	42.29 -4.51 0.00	34.98 -3.42 0.00	35.17 -3.88 0.00	35.20 -4.13 0.00	30.79 -3.83 0.00	30.21 -3.48 0.00
LOCUSVLY_69_KV_BK2 55797	49.04 2.04 0.00	39.69 1.50 0.00	36.04 1.54 0.00	38.47 1.72 0.00	40.37 1.71 0.00	37.80 1.87 0.00	49.71 2.86 0.00	54.56 3.30 0.00	42.22 2.32 0.00	36.65 2.21 0.00	36.52 2.55 0.00	43.70 3.16 0.00	47.27 2.79 -7.65	46.11 2.80 0.00	46.08 2.60 0.00	53.71 3.08 0.00	67.26 3.52 -9.98	97.77 3.48 -40.06	63.24 3.29 -13.16	41.18 2.77 0.00	41.84 2.79 0.00	42.12 2.80 0.00	36.94 2.32 0.00	35.76 2.07 0.00
LONG_LAKE_PHOENIX 24014	45.46 -1.54 0.00	36.92 -1.27 0.00	33.35 -1.16 0.00	35.52 -1.24 0.00	37.36 -1.30 0.00	34.69 -1.24 0.00	45.26 -1.59 0.00	49.55 -1.72 0.00	38.59 -1.32 0.00	33.28 -1.16 0.00	32.80 -1.18 0.00	39.22 -1.32 0.00	35.69 -1.14 0.00	42.01 -1.30 0.00	42.20 -1.28 0.00	49.13 -1.50 0.00	52.12 -1.64 0.00	52.67 -1.55 0.00	45.44 -1.36 0.00	37.33 -1.07 0.00	37.87 -1.18 0.00	38.06 -1.26 0.00	33.45 -1.17 0.00	32.59 -1.10 0.00
LOVETT___3 23632	48.58 1.58 0.00	39.44 1.26 0.00	35.73 1.22 0.00	38.11 1.36 0.00	40.06 1.40 0.00	37.46 1.52 0.00	49.15 2.30 0.00	53.90 2.63 0.00	41.85 1.94 0.00	36.23 1.80 0.00	35.99 2.01 0.00	43.01 2.47 0.00	39.03 2.20 0.00	45.68 2.37 0.00	45.60 2.12 0.00	53.06 2.43 0.00	56.50 2.74 0.00	56.88 2.66 0.00	49.39 2.60 0.00	40.60 2.19 0.00	41.26 2.21 0.00	41.59 2.26 0.00	36.48 1.86 0.00	35.30 1.61 0.00
LOVETT___4 23642	48.58 1.58 0.00	39.44 1.26 0.00	35.73 1.22 0.00	38.11 1.36 0.00	40.06 1.40 0.00	37.46 1.52 0.00	49.15 2.30 0.00	53.90 2.63 0.00	41.85 1.94 0.00	36.23 1.80 0.00	35.99 2.01 0.00	43.01 2.47 0.00	39.03 2.20 0.00	45.68 2.37 0.00	45.60 2.12 0.00	53.06 2.43 0.00	56.50 2.74 0.00	56.88 2.66 0.00	49.39 2.60 0.00	40.60 2.19 0.00	41.26 2.21 0.00	41.59 2.26 0.00	36.48 1.86 0.00	35.30 1.61 0.00
LOVETT___5 23593	48.58 1.58 0.00	39.44 1.26 0.00	35.73 1.22 0.00	38.11 1.36 0.00	40.06 1.40 0.00	37.46 1.52 0.00	49.15 2.30 0.00	53.90 2.63 0.00	41.85 1.94 0.00	36.23 1.80 0.00	35.99 2.01 0.00	43.01 2.47 0.00	39.03 2.20 0.00	45.68 2.37 0.00	45.60 2.12 0.00	53.06 2.43 0.00	56.50 2.74 0.00	56.88 2.66 0.00	49.39 2.60 0.00	40.60 2.19 0.00	41.26 2.21 0.00	41.59 2.26 0.00	36.48 1.86 0.00	35.30 1.61 0.00
LOWER RAQUET___HYD 24057	49.13 2.13 0.00	39.83 1.64 0.00	35.76 1.26 0.00	38.08 1.32 0.00	40.11 1.45 0.00	37.18 1.24 0.00	48.54 1.69 0.00	53.18 1.91 0.00	41.31 1.40 0.00	35.54 1.11 0.00	34.77 0.80 0.00	41.08 0.54 0.00	37.28 0.45 0.00	43.94 0.63 0.00	44.59 1.10 0.00	51.68 1.04 0.00	54.41 0.65 0.00	54.77 0.55 0.00	46.79 -0.01 0.00	38.23 -0.18 0.00	39.04 -0.01 0.00	39.68 0.35 0.00	35.28 0.66 0.00	34.36 0.68 0.00
LOWER___HUDSON 24059	47.51 0.51 0.00	38.79 0.60 0.00	35.22 0.72 0.00	37.56 0.81 0.00	39.52 0.86 0.00	36.93 1.00 0.00	48.02 1.17 0.00	52.33 1.07 0.00	40.84 0.93 0.00	35.16 0.72 0.00	34.80 0.82 0.00	41.67 1.14 0.00	37.73 0.91 0.00	44.37 1.06 0.00	44.46 0.98 0.00	51.86 1.22 0.00	55.19 1.43 0.00	55.51 1.29 0.00	48.18 1.38 0.00	39.67 1.26 0.00	40.31 1.26 0.00	40.54 1.22 0.00	35.64 1.02 0.00	34.61 0.92 0.00
LOWVILLE_115KV_TB2 356335	48.32 1.31 0.00	39.15 0.96 0.00	35.16 0.66 0.00	37.50 0.75 0.00	39.36 0.70 0.00	36.58 0.64 0.00	47.88 1.03 0.00	52.10 0.83 0.00	40.36 0.46 0.00	34.19 -0.24 0.00	33.08 -0.89 0.00	38.90 -1.64 0.00	35.26 -1.57 0.00	42.12 -1.20 0.00	42.83 -0.65 0.00	49.84 -0.80 0.00	52.98 -0.78 0.00	53.32 -0.90 0.00	45.87 -0.92 0.00	37.58 -0.83 0.00	38.16 -0.88 0.00	38.46 -0.87 0.00	33.92 -0.70 0.00	32.96 -0.73 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	48.27 1.27 0.00	39.36 1.18 0.00	35.71 1.21 0.00	38.09 1.33 0.00	40.06 1.40 0.00	37.44 1.50 0.00	48.79 1.94 0.00	53.19 1.93 0.00	41.41 1.50 0.00	35.59 1.15 0.00	35.19 1.22 0.00	42.22 1.68 0.00	38.13 1.30 0.00	44.96 1.65 0.00	45.13 1.65 0.00	52.62 1.98 0.00	56.09 2.33 0.00	56.40 2.18 0.00	48.92 2.11 0.00	40.21 1.80 0.00	40.78 1.73 0.00	40.99 1.67 0.00	36.02 1.40 0.00	34.96 1.28 0.00

LUTHERNY_35_KV_BK2 355980	48.28 1.28 0.00	39.36 1.18 0.00	35.70 1.20 0.00	38.10 1.35 0.00	40.05 1.39 0.00	37.44 1.51 0.00	48.82 1.97 0.00	53.20 1.93 0.00	41.40 1.49 0.00	35.58 1.15 0.00	35.18 1.21 0.00	42.24 1.70 0.00	38.15 1.32 0.00	45.00 1.69 0.00	45.17 1.69 0.00	52.64 2.01 0.00	56.14 2.38 0.00	56.46 2.24 0.00	48.95 2.15 0.00	40.22 1.81 0.00	40.80 1.75 0.00	41.03 1.71 0.00	36.05 1.43 0.00	34.99 1.30 0.00
LWR___OSWEGATCHIE_HYD 23850	48.35 1.34 0.00	39.24 1.05 0.00	35.23 0.73 0.00	37.54 0.78 0.00	39.48 0.82 0.00	36.60 0.67 0.00	47.86 1.01 0.00	52.29 1.02 0.00	40.55 0.65 0.00	34.62 0.18 0.00	33.69 -0.28 0.00	39.69 -0.84 0.00	35.95 -0.88 0.00	42.72 -0.60 0.00	43.41 -0.07 0.00	50.41 -0.23 0.00	53.32 -0.45 0.00	53.66 -0.56 0.00	45.99 -0.81 0.00	37.62 -0.79 0.00	38.31 -0.74 0.00	38.79 -0.53 0.00	34.36 -0.26 0.00	33.42 -0.27 0.00
LYONS_FALL_HYD 23570	48.08 1.07 0.00	38.99 0.80 0.00	35.11 0.60 0.00	37.43 0.67 0.00	39.33 0.66 0.00	36.59 0.65 0.00	47.87 1.02 0.00	52.19 0.92 0.00	40.48 0.57 0.00	34.52 0.08 0.00	33.62 -0.36 0.00	39.74 -0.80 0.00	36.11 -0.72 0.00	42.93 -0.38 0.00	43.46 -0.02 0.00	50.56 -0.07 0.00	53.76 0.00 0.00	54.14 -0.07 0.00	46.64 -0.16 0.00	38.23 -0.17 0.00	38.82 -0.22 0.00	39.08 -0.24 0.00	34.40 -0.22 0.00	33.42 -0.27 0.00
MADISON___COUNTY_LFGE 323628	47.80 0.80 0.00	38.86 0.67 0.00	35.11 0.61 0.00	37.42 0.67 0.00	39.40 0.74 0.00	36.70 0.76 0.00	48.04 1.19 0.00	52.50 1.23 0.00	40.76 0.85 0.00	35.05 0.62 0.00	34.43 0.45 0.00	40.92 0.38 0.00	37.42 0.60 0.00	44.25 0.94 0.00	44.51 1.02 0.00	51.80 1.17 0.00	55.16 1.40 0.00	55.44 1.23 0.00	47.83 1.03 0.00	39.24 0.84 0.00	39.81 0.76 0.00	39.98 0.66 0.00	35.09 0.47 0.00	34.07 0.38 0.00
MALONE___115KV_TB1 356076	48.96 1.95 0.00	39.71 1.52 0.00	35.57 1.07 0.00	37.87 1.11 0.00	39.94 1.28 0.00	37.06 1.13 0.00	48.38 1.53 0.00	53.09 1.82 0.00	41.29 1.38 0.00	35.66 1.22 0.00	34.73 0.76 0.00	41.10 0.56 0.00	37.35 0.51 0.00	44.08 0.77 0.00	44.59 1.10 0.00	51.76 1.12 0.00	54.70 0.93 0.00	55.06 0.84 0.00	46.73 -0.07 0.00	38.04 -0.37 0.00	38.71 -0.34 0.00	39.18 -0.14 0.00	34.78 0.15 0.00	33.93 0.24 0.00
MAPLEWOD_115KV_TB3 80458	47.30 0.30 0.00	38.59 0.41 0.00	35.07 0.57 0.00	37.33 0.58 0.00	39.28 0.61 0.00	36.71 0.78 0.00	47.73 0.88 0.00	52.08 0.81 0.00	40.68 0.77 0.00	35.07 0.64 0.00	34.69 0.72 0.00	41.50 0.96 0.00	37.65 0.82 0.00	44.21 0.90 0.00	44.25 0.77 0.00	51.61 0.97 0.00	54.91 1.15 0.00	55.25 1.03 0.00	47.95 1.15 0.00	39.48 1.07 0.00	40.13 1.08 0.00	40.37 1.04 0.00	35.52 0.90 0.00	34.50 0.81 0.00
MAPLE_RIDGE_WT_1 323574	47.24 0.24 0.00	38.35 0.16 0.00	34.58 0.08 0.00	36.86 0.10 0.00	38.65 -0.01 0.00	35.89 -0.04 0.00	46.71 -0.14 0.00	50.88 -0.39 0.00	39.41 -0.49 0.00	33.82 -0.62 0.00	33.09 -0.88 0.00	39.35 -1.19 0.00	35.75 -1.07 0.00	42.06 -1.25 0.00	42.27 -1.21 0.00	49.21 -1.42 0.00	52.25 -1.51 0.00	52.66 -1.56 0.00	45.39 -1.41 0.00	37.24 -1.16 0.00	37.92 -1.13 0.00	38.26 -1.06 0.00	33.72 -0.90 0.00	32.94 -0.74 0.00
MAPLE_RIDGE_WT_2 323611	47.24 0.24 0.00	38.35 0.16 0.00	34.58 0.08 0.00	36.86 0.10 0.00	38.65 -0.01 0.00	35.89 -0.04 0.00	46.71 -0.14 0.00	50.88 -0.39 0.00	39.41 -0.49 0.00	33.82 -0.62 0.00	33.09 -0.88 0.00	39.35 -1.19 0.00	35.75 -1.07 0.00	42.06 -1.25 0.00	42.27 -1.21 0.00	49.21 -1.42 0.00	52.25 -1.51 0.00	52.66 -1.56 0.00	45.39 -1.41 0.00	37.24 -1.16 0.00	37.92 -1.13 0.00	38.26 -1.06 0.00	33.72 -0.90 0.00	32.94 -0.74 0.00
MARBLE_RIVER_WT_PWR 323696	48.11 1.11 0.00	39.06 0.88 0.00	35.04 0.53 0.00	37.28 0.52 0.00	39.32 0.66 0.00	36.50 0.56 0.00	47.55 0.70 0.00	52.15 0.88 0.00	40.50 0.60 0.00	34.98 0.54 0.00	34.09 0.11 0.00	40.44 -0.10 0.00	36.82 -0.01 0.00	43.37 0.06 0.00	43.82 0.34 0.00	50.87 0.24 0.00	53.84 0.08 0.00	54.17 -0.05 0.00	45.92 -0.88 0.00	37.36 -1.05 0.00	37.97 -1.08 0.00	38.43 -0.89 0.00	34.12 -0.50 0.00	33.35 -0.34 0.00
MARSHVLE_115KV_TB1 80742	47.86 0.85 0.00	38.88 0.69 0.00	34.99 0.49 0.00	37.29 0.53 0.00	39.25 0.58 0.00	36.45 0.52 0.00	47.65 0.80 0.00	52.18 0.91 0.00	40.29 0.39 0.00	34.50 0.07 0.00	33.96 -0.01 0.00	40.49 -0.05 0.00	36.72 -0.11 0.00	43.39 0.08 0.00	43.89 0.41 0.00	51.04 0.41 0.00	54.20 0.44 0.00	54.84 0.62 0.00	47.22 0.42 0.00	38.63 0.22 0.00	39.15 0.10 0.00	39.42 0.10 0.00	34.76 0.14 0.00	33.79 0.11 0.00
MARSH_HILL_WT_PWR 323713	45.42 -1.58 0.00	36.38 -1.81 0.00	32.32 -2.19 0.00	33.95 -2.81 0.00	35.43 -3.23 0.00	31.68 -3.55 0.71	41.53 -5.19 0.14	45.37 -5.89 0.00	35.02 -4.88 0.00	30.00 -4.43 0.00	29.79 -4.18 0.00	35.97 -4.57 0.00	32.81 -4.02 0.00	38.53 -4.78 0.00	39.22 -4.26 0.00	45.38 -5.26 0.00	47.94 -5.82 0.00	49.03 -5.19 0.00	42.21 -4.59 0.00	34.83 -3.58 0.00	35.43 -3.62 0.00	35.45 -3.87 0.00	31.12 -3.49 0.00	30.46 -3.23 0.00
MCINTYRE_115KV_TB2 80467	49.92 2.92 0.00	40.45 2.27 0.00	36.34 1.83 0.00	38.68 1.93 0.00	40.75 2.09 0.00	37.79 1.86 0.00	49.40 2.55 0.00	54.15 2.88 0.00	42.00 2.09 0.00	36.15 1.72 0.00	35.42 1.45 0.00	41.72 1.19 0.00	37.96 1.13 0.00	44.42 1.11 0.00	45.46 1.97 0.00	52.94 2.30 0.00	55.88 2.12 0.00	56.40 2.18 0.00	48.19 1.39 0.00	39.36 0.95 0.00	40.10 1.05 0.00	40.63 1.30 0.00	36.03 1.41 0.00	35.08 1.39 0.00
MECO_____69_KV_BK1 80468	48.76 1.76 0.00	39.65 1.46 0.00	35.75 1.24 0.00	38.09 1.34 0.00	40.11 1.45 0.00	37.37 1.43 0.00	48.92 2.07 0.00	53.56 2.30 0.00	41.37 1.46 0.00	35.10 0.66 0.00	34.60 0.63 0.00	41.19 0.65 0.00	36.98 0.15 0.00	44.23 0.92 0.00	45.03 1.55 0.00	52.56 1.93 0.00	56.03 2.27 0.00	56.61 2.40 0.00	48.82 2.02 0.00	39.99 1.59 0.00	40.51 1.46 0.00	40.74 1.42 0.00	35.80 1.18 0.00	34.74 1.05 0.00
MENANDS___115KV_TB5 355628	46.99 -0.01 0.00	38.37 0.18 0.00	34.90 0.39 0.00	37.12 0.37 0.00	39.06 0.40 0.00	36.53 0.59 0.00	47.44 0.58 0.00	51.73 0.47 0.00	40.45 0.54 0.00	34.90 0.46 0.00	34.55 0.58 0.00	41.30 0.76 0.00	37.49 0.66 0.00	43.98 0.67 0.00	44.00 0.52 0.00	51.30 0.66 0.00	54.56 0.80 0.00	54.87 0.66 0.00	47.65 0.85 0.00	39.26 0.85 0.00	39.92 0.87 0.00	40.16 0.83 0.00	35.36 0.74 0.00	34.36 0.67 0.00
MG INDUSTRY___DRP 24185	47.34 0.34 0.00	38.59 0.41 0.00	35.05 0.54 0.00	37.30 0.55 0.00	39.25 0.58 0.00	36.62 0.69 0.00	47.50 0.65 0.00	51.81 0.55 0.00	40.48 0.58 0.00	34.94 0.50 0.00	34.59 0.62 0.00	41.24 0.70 0.00	37.43 0.60 0.00	43.90 0.59 0.00	43.93 0.45 0.00	51.26 0.62 0.00	54.55 0.79 0.00	54.92 0.70 0.00	47.62 0.82 0.00	39.21 0.80 0.00	39.86 0.81 0.00	40.11 0.79 0.00	35.32 0.70 0.00	34.33 0.64 0.00

MID___OSWEGATCHIE_HYD 23849	48.35 1.34 0.00	39.24 1.05 0.00	35.23 0.73 0.00	37.54 0.78 0.00	39.48 0.82 0.00	36.60 0.67 0.00	47.86 1.01 0.00	52.29 1.02 0.00	40.55 0.65 0.00	34.62 0.18 0.00	33.69 -0.28 0.00	39.69 -0.84 0.00	35.95 -0.88 0.00	42.72 -0.60 0.00	43.41 -0.07 0.00	50.41 -0.23 0.00	53.32 -0.45 0.00	53.66 -0.56 0.00	45.99 -0.81 0.00	37.62 -0.79 0.00	38.31 -0.74 0.00	38.79 -0.53 0.00	34.36 -0.26 0.00	33.42 -0.27 0.00
MID___RAQUETTE_HYD 23851	49.13 2.13 0.00	39.83 1.64 0.00	35.76 1.26 0.00	38.08 1.32 0.00	40.11 1.45 0.00	37.18 1.24 0.00	48.53 1.68 0.00	53.18 1.91 0.00	41.31 1.40 0.00	35.55 1.11 0.00	34.77 0.80 0.00	41.08 0.54 0.00	37.28 0.45 0.00	43.94 0.63 0.00	44.59 1.10 0.00	51.68 1.05 0.00	54.42 0.65 0.00	54.77 0.55 0.00	46.79 -0.01 0.00	38.22 -0.18 0.00	39.04 -0.01 0.00	39.68 0.35 0.00	35.28 0.65 0.00	34.36 0.67 0.00
MILLIKEN___1 23584	47.20 0.20 0.00	38.23 0.05 0.00	34.50 0.00 0.00	36.78 0.03 0.00	38.66 0.00 0.00	36.60 -0.03 -0.69	47.12 0.12 -0.14	51.35 0.08 0.00	39.78 -0.13 0.00	34.24 -0.19 0.00	33.67 -0.30 0.00	40.28 -0.26 0.00	36.74 -0.09 0.00	43.34 0.03 0.00	43.53 0.05 0.00	50.78 0.14 0.00	54.00 0.24 0.00	54.59 0.37 0.00	47.10 0.29 0.00	38.68 0.27 0.00	39.17 0.12 0.00	39.34 0.01 0.00	34.51 -0.11 0.00	33.59 -0.10 0.00
MILLIKEN___2 23585	47.20 0.20 0.00	38.23 0.05 0.00	34.50 0.00 0.00	36.78 0.03 0.00	38.66 0.00 0.00	36.60 -0.03 -0.69	47.12 0.12 -0.14	51.35 0.08 0.00	39.78 -0.13 0.00	34.24 -0.19 0.00	33.67 -0.30 0.00	40.28 -0.26 0.00	36.74 -0.09 0.00	43.34 0.03 0.00	43.53 0.05 0.00	50.78 0.14 0.00	54.00 0.24 0.00	54.59 0.37 0.00	47.10 0.29 0.00	38.68 0.27 0.00	39.17 0.12 0.00	39.34 0.01 0.00	34.51 -0.11 0.00	33.59 -0.10 0.00
MILLIKEN___DIESEL 23629	47.20 0.20 0.00	38.23 0.05 0.00	34.50 0.00 0.00	36.78 0.03 0.00	38.66 0.00 0.00	36.60 -0.03 -0.69	47.12 0.12 -0.14	51.35 0.08 0.00	39.78 -0.13 0.00	34.24 -0.19 0.00	33.67 -0.30 0.00	40.28 -0.26 0.00	36.74 -0.09 0.00	43.34 0.03 0.00	43.53 0.05 0.00	50.78 0.14 0.00	54.00 0.24 0.00	54.59 0.37 0.00	47.10 0.29 0.00	38.68 0.27 0.00	39.17 0.12 0.00	39.34 0.01 0.00	34.51 -0.11 0.00	33.59 -0.10 0.00
MILLSEAT___LFGE 323607	44.99 -2.01 0.00	36.24 -1.95 0.00	32.29 -2.21 0.00	34.40 -2.36 0.00	36.17 -2.49 0.00	32.51 -3.22 0.21	42.26 -4.55 0.04	46.54 -4.73 0.00	36.51 -3.40 0.00	31.60 -2.84 0.00	31.27 -2.70 0.00	37.68 -2.86 0.00	34.45 -2.38 0.00	40.72 -2.59 0.00	41.10 -2.38 0.00	47.60 -3.04 0.00	50.20 -3.56 0.00	51.17 -3.05 0.00	43.69 -3.11 0.00	36.09 -2.32 0.00	36.29 -2.76 0.00	36.28 -3.04 0.00	31.71 -2.91 0.00	31.03 -2.65 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	48.64 1.64 0.00	39.49 1.30 0.00	35.77 1.27 0.00	38.15 1.40 0.00	40.11 1.44 0.00	37.50 1.57 0.00	49.11 2.26 0.00	53.86 2.59 0.00	41.83 1.92 0.00	36.21 1.78 0.00	35.97 2.00 0.00	43.06 2.52 0.00	39.09 2.26 0.00	45.73 2.42 0.00	45.66 2.18 0.00	53.15 2.51 0.00	56.59 2.83 0.00	56.95 2.73 0.00	49.46 2.66 0.00	40.65 2.24 0.00	41.31 2.26 0.00	41.62 2.30 0.00	36.52 1.90 0.00	35.34 1.65 0.00
MILLWOOD_13_KV_LOAD 356217	48.76 1.76 0.00	39.57 1.38 0.00	35.85 1.35 0.00	38.23 1.47 0.00	40.19 1.53 0.00	37.58 1.64 0.00	49.23 2.38 0.00	53.99 2.72 0.00	41.92 2.01 0.00	36.30 1.87 0.00	36.05 2.07 0.00	43.14 2.61 0.00	39.16 2.33 0.00	45.83 2.52 0.00	45.76 2.28 0.00	53.28 2.64 0.00	56.73 2.97 0.00	57.13 2.91 0.00	49.60 2.80 0.00	40.76 2.35 0.00	41.42 2.37 0.00	41.72 2.40 0.00	36.60 1.98 0.00	35.42 1.73 0.00
MODEL_CITY_ENERGY 24167	43.62 -3.38 0.00	35.12 -3.07 0.00	31.26 -3.25 0.00	33.30 -3.46 0.00	35.00 -3.66 0.00	31.16 -4.54 0.23	40.31 -6.49 0.05	44.38 -6.89 0.00	34.90 -5.00 0.00	30.39 -4.04 0.00	30.25 -3.72 0.00	36.38 -4.16 0.00	33.13 -3.70 0.00	39.06 -4.25 0.00	39.43 -4.06 0.00	45.64 -4.99 0.00	48.05 -5.71 0.00	49.00 -5.22 0.00	41.83 -4.97 0.00	34.64 -3.77 0.00	34.83 -4.22 0.00	34.87 -4.45 0.00	30.48 -4.14 0.00	29.92 -3.77 0.00
MODERN_LFGE___ 323580	43.62 -3.38 0.00	35.12 -3.07 0.00	31.26 -3.25 0.00	33.30 -3.46 0.00	35.00 -3.66 0.00	31.16 -4.54 0.23	40.31 -6.49 0.05	44.38 -6.89 0.00	34.90 -5.00 0.00	30.39 -4.04 0.00	30.25 -3.72 0.00	36.38 -4.16 0.00	33.13 -3.70 0.00	39.06 -4.25 0.00	39.43 -4.06 0.00	45.64 -4.99 0.00	48.05 -5.71 0.00	49.00 -5.22 0.00	41.83 -4.97 0.00	34.64 -3.77 0.00	34.83 -4.22 0.00	34.87 -4.45 0.00	30.48 -4.14 0.00	29.92 -3.77 0.00
MOHAWK_PAPER___DRP 24187	47.30 0.30 0.00	38.59 0.41 0.00	35.07 0.57 0.00	37.33 0.58 0.00	39.28 0.61 0.00	36.71 0.78 0.00	47.73 0.88 0.00	52.08 0.81 0.00	40.68 0.77 0.00	35.07 0.64 0.00	34.69 0.72 0.00	41.50 0.96 0.00	37.65 0.82 0.00	44.21 0.90 0.00	44.25 0.77 0.00	51.61 0.97 0.00	54.91 1.15 0.00	55.25 1.03 0.00	47.95 1.15 0.00	39.48 1.07 0.00	40.13 1.08 0.00	40.37 1.04 0.00	35.52 0.90 0.00	34.50 0.81 0.00
MOHICAN___35_KV_115KV_LD 80490	48.48 1.48 0.00	39.63 1.45 0.00	36.04 1.53 0.00	38.44 1.68 0.00	40.37 1.71 0.00	37.81 1.87 0.00	49.24 2.39 0.00	53.64 2.38 0.00	41.71 1.81 0.00	35.80 1.37 0.00	35.48 1.51 0.00	42.61 2.07 0.00	38.36 1.53 0.00	45.25 1.94 0.00	45.42 1.94 0.00	52.90 2.27 0.00	56.60 2.84 0.00	56.79 2.57 0.00	49.38 2.57 0.00	40.53 2.12 0.00	40.87 1.82 0.00	40.99 1.67 0.00	36.07 1.45 0.00	34.99 1.30 0.00
MONGAUP___HYD 23641	48.93 1.93 0.00	39.72 1.53 0.00	35.93 1.43 0.00	38.31 1.56 0.00	40.28 1.62 0.00	37.64 1.70 0.00	49.29 2.44 0.00	54.00 2.73 0.00	41.83 1.92 0.00	36.15 1.71 0.00	35.56 1.59 0.00	42.30 1.76 0.00	38.47 1.64 0.00	45.19 1.88 0.00	45.31 1.83 0.00	53.04 2.40 0.00	56.56 2.80 0.00	57.17 2.95 0.00	49.60 2.80 0.00	40.76 2.35 0.00	41.42 2.37 0.00	41.69 2.37 0.00	36.56 1.95 0.00	35.38 1.69 0.00
MONTAUK___DIESEL 23721	47.72 0.72 0.00	38.67 0.48 0.00	35.63 1.13 0.00	38.64 1.88 0.00	40.79 2.12 0.00	38.48 2.55 0.00	51.21 4.36 0.00	56.55 5.28 0.00	43.45 3.54 0.00	37.64 3.20 0.00	37.38 3.40 0.00	44.35 3.80 0.00	44.64 2.84 -4.97	45.45 2.14 0.00	44.70 1.22 0.00	52.01 1.37 0.00	62.34 2.15 -6.43	82.31 2.29 -25.80	57.52 2.25 -8.48	40.30 1.89 0.00	40.87 1.83 0.00	41.07 1.75 0.00	36.00 1.38 0.00	34.76 1.07 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	44.39 -2.62 0.00	35.58 -2.61 0.00	31.44 -3.06 0.00	33.28 -3.48 0.00	34.84 -3.82 0.00	31.04 -4.58 0.31	40.51 -6.28 0.06	44.80 -6.47 0.00	34.80 -5.11 0.00	30.08 -4.35 0.00	30.08 -3.89 0.00	36.35 -4.19 0.00	33.06 -3.77 0.00	39.13 -4.19 0.00	39.22 -4.26 0.00	45.78 -4.86 0.00	48.30 -5.46 0.00	49.38 -4.84 0.00	42.42 -4.38 0.00	34.94 -3.46 0.00	35.37 -3.68 0.00	35.70 -3.62 0.00	31.28 -3.34 0.00	30.45 -3.24 0.00

MORRIS_RIDGE___SOLAR 323848	44.77 -2.24 0.00	35.95 -2.23 0.00	32.03 -2.47 0.00	34.01 -2.74 0.00	35.63 -3.03 0.00	31.96 -3.50 0.48	41.73 -5.03 0.09	45.55 -5.71 0.00	35.33 -4.57 0.00	30.28 -4.16 0.00	30.14 -3.83 0.00	36.35 -4.19 0.00	33.14 -3.68 0.00	39.16 -4.15 0.00	39.66 -3.82 0.00	45.88 -4.75 0.00	48.56 -5.20 0.00	49.51 -4.71 0.00	42.59 -4.21 0.00	35.04 -3.36 0.00	35.46 -3.59 0.00	35.41 -3.91 0.00	31.13 -3.49 0.00	30.49 -3.20 0.00
MORTIMER_115KV_TB3 55949	45.36 -1.64 0.00	36.62 -1.57 0.00	32.82 -1.69 0.00	34.96 -1.80 0.00	36.77 -1.90 0.00	33.55 -2.26 0.13	43.73 -3.10 0.03	48.04 -3.22 0.00	37.58 -2.32 0.00	32.52 -1.91 0.00	32.19 -1.78 0.00	38.71 -1.83 0.00	35.23 -1.59 0.00	41.52 -1.79 0.00	41.79 -1.69 0.00	48.51 -2.13 0.00	51.39 -2.37 0.00	52.19 -2.03 0.00	44.72 -2.08 0.00	36.84 -1.56 0.00	37.17 -1.89 0.00	37.19 -2.13 0.00	32.58 -2.04 0.00	31.81 -1.88 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	48.98 1.98 0.00	39.75 1.57 0.00	36.02 1.52 0.00	38.41 1.65 0.00	40.37 1.71 0.00	37.78 1.85 0.00	49.47 2.63 0.00	54.29 3.02 0.00	42.18 2.27 0.00	36.54 2.10 0.00	36.29 2.32 0.00	43.44 2.90 0.00	39.42 2.60 0.00	46.11 2.79 0.00	46.05 2.57 0.00	53.56 2.92 0.00	57.01 3.25 0.00	57.33 3.11 0.00	49.80 3.00 0.00	40.95 2.54 0.00	41.61 2.56 0.00	41.92 2.60 0.00	36.77 2.14 0.00	35.58 1.89 0.00
MUNSVILLE_WIND_PWR 323609	49.61 2.60 0.00	40.05 1.86 0.00	35.97 1.47 0.00	38.40 1.65 0.00	40.30 1.64 0.00	37.60 1.32 -0.35	48.80 1.88 -0.07	52.58 1.32 0.00	40.39 0.48 0.00	34.30 -0.13 0.00	33.42 -0.56 0.00	39.59 -0.95 0.00	36.30 -0.53 0.00	42.94 -0.37 0.00	43.57 0.09 0.00	50.76 0.12 0.00	54.12 0.36 0.00	55.05 0.83 0.00	47.15 0.35 0.00	38.70 0.29 0.00	39.20 0.15 0.00	39.35 0.02 0.00	34.68 0.06 0.00	33.74 0.05 0.00
N SALMON___HYD 24042	48.96 1.95 0.00	39.70 1.52 0.00	35.57 1.07 0.00	37.87 1.11 0.00	39.94 1.28 0.00	37.06 1.13 0.00	48.38 1.53 0.00	53.09 1.82 0.00	41.29 1.38 0.00	35.66 1.22 0.00	34.73 0.76 0.00	41.10 0.56 0.00	37.35 0.51 0.00	44.08 0.77 0.00	44.59 1.10 0.00	51.76 1.12 0.00	54.69 0.93 0.00	55.06 0.84 0.00	46.74 -0.07 0.00	38.04 -0.37 0.00	38.71 -0.34 0.00	39.18 -0.14 0.00	34.78 0.15 0.00	33.93 0.24 0.00
N.AKRON__115KV_KNAPP 355671	44.73 -2.28 0.00	36.02 -2.17 0.00	32.07 -2.43 0.00	34.16 -2.60 0.00	35.91 -2.75 0.00	32.19 -3.54 0.21	41.80 -5.00 0.04	46.04 -5.22 0.00	36.11 -3.80 0.00	31.33 -3.11 0.00	31.07 -2.90 0.00	37.45 -3.09 0.00	34.18 -2.65 0.00	40.36 -2.95 0.00	40.75 -2.73 0.00	47.19 -3.45 0.00	49.72 -4.04 0.00	50.70 -3.52 0.00	43.29 -3.51 0.00	35.77 -2.63 0.00	35.97 -3.08 0.00	35.97 -3.35 0.00	31.43 -3.19 0.00	30.80 -2.89 0.00
N.E_GEN_SANDY PD 24062	47.11 0.30 0.19	38.70 0.52 0.00	35.18 0.68 0.00	37.55 0.80 0.00	39.50 0.84 0.01	38.49 1.02 -1.53	48.09 1.08 -0.16	52.07 0.90 0.09	40.77 0.87 0.00	35.11 0.68 0.00	34.80 0.83 0.00	41.71 1.17 0.00	37.39 0.95 0.39	43.83 1.01 0.49	44.34 0.85 0.00	51.73 1.09 0.00	55.04 1.28 0.00	55.18 1.03 0.07	48.07 1.26 0.00	39.66 1.25 0.00	41.05 1.38 -0.62	40.90 1.36 -0.22	35.98 1.16 -0.21	34.87 1.05 -0.13
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	48.65 1.65 0.00	39.50 1.31 0.00	35.76 1.26 0.00	38.16 1.41 0.00	40.12 1.46 0.00	37.51 1.58 0.00	49.26 2.41 0.00	54.02 2.75 0.00	41.94 2.03 0.00	36.30 1.86 0.00	36.05 2.08 0.00	43.08 2.54 0.00	39.09 2.26 0.00	45.75 2.44 0.00	45.67 2.19 0.00	53.15 2.51 0.00	56.61 2.85 0.00	56.98 2.76 0.00	49.48 2.68 0.00	40.67 2.26 0.00	41.34 2.29 0.00	41.66 2.34 0.00	36.53 1.91 0.00	35.35 1.67 0.00
N.QUEENS_27_KV_LOAD 356247	49.09 2.09 0.00	39.88 1.69 0.00	36.18 1.67 0.00	38.52 1.76 0.00	40.47 1.80 0.00	37.97 2.04 0.00	49.66 2.81 0.00	54.58 3.31 0.00	42.46 2.55 0.00	36.80 2.36 0.00	36.53 2.55 -0.01	43.62 3.08 0.00	39.62 2.79 -0.01	46.24 2.93 0.00	46.18 2.70 0.00	53.72 3.09 0.00	57.18 3.42 0.00	57.40 3.18 0.00	49.93 3.13 0.00	41.07 2.66 0.00	41.76 2.71 0.00	42.05 2.73 0.00	36.86 2.24 0.00	35.65 1.95 0.00
N.TROY___115KV_TB1 355778	47.51 0.51 0.00	38.79 0.60 0.00	35.22 0.72 0.00	37.56 0.81 0.00	39.52 0.86 0.00	36.94 1.00 0.00	48.01 1.16 0.00	52.34 1.07 0.00	40.84 0.93 0.00	35.16 0.72 0.00	34.80 0.82 0.00	41.67 1.14 0.00	37.73 0.91 0.00	44.38 1.07 0.00	44.46 0.98 0.00	51.86 1.22 0.00	55.19 1.43 0.00	55.51 1.29 0.00	48.18 1.38 0.00	39.67 1.26 0.00	40.31 1.26 0.00	40.54 1.22 0.00	35.64 1.02 0.00	34.61 0.92 0.00
NARROWS_GT1_1 24228	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT1_2 24229	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT1_3 24230	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT1_4 24231	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT1_5 24232	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00

NARROWS_GT1_6 24233	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT1_7 24234	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT1_8 24235	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT2_1 24236	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT2_2 24237	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 0.00	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT2_3 24238	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT2_4 24239	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT2_5 24240	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT2_6 24241	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT2_7 24242	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NARROWS_GT2_8 24243	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.86 0.00	36.99 2.37 0.00	35.79 2.10 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	47.87 0.86 0.00	39.06 0.87 0.00	35.50 0.99 0.00	37.75 0.99 0.00	39.73 1.07 0.00	37.18 1.24 0.00	48.22 1.37 0.00	52.65 1.39 0.00	41.10 1.20 0.00	35.34 0.91 0.00	34.90 0.93 0.00	41.56 1.02 0.00	37.70 0.87 0.00	44.24 0.93 0.00	44.22 0.74 0.00	51.81 1.18 0.00	55.34 1.58 0.00	55.85 1.63 0.00	48.40 1.60 0.00	39.83 1.42 0.00	40.43 1.38 0.00	40.61 1.29 0.00	35.72 1.10 0.00	34.68 1.00 0.00
NCHELSEA_115KV_TR2 355582	48.96 1.96 0.00	39.75 1.56 0.00	35.99 1.48 0.00	38.38 1.62 0.00	40.34 1.68 0.00	37.71 1.78 0.00	49.40 2.55 0.00	54.17 2.91 0.00	42.15 2.24 0.00	36.47 2.03 0.00	36.12 2.15 0.00	43.16 2.62 0.00	39.22 2.39 0.00	45.97 2.65 0.00	45.92 2.44 0.00	53.44 2.80 0.00	56.88 3.12 0.00	57.28 3.06 0.00	49.73 2.93 0.00	40.87 2.46 0.00	41.51 2.46 0.00	41.81 2.48 0.00	36.68 2.06 0.00	35.49 1.80 0.00
NEG CAPITAL___MECHNVIL 23645	48.29 1.29 0.00	39.39 1.21 0.00	35.74 1.24 0.00	38.12 1.37 0.00	40.10 1.44 0.00	37.49 1.55 0.00	48.84 1.99 0.00	53.24 1.97 0.00	41.47 1.56 0.00	35.64 1.21 0.00	35.25 1.27 0.00	42.28 1.74 0.00	38.20 1.37 0.00	45.05 1.74 0.00	45.21 1.73 0.00	52.73 2.09 0.00	56.17 2.41 0.00	56.51 2.29 0.00	49.02 2.22 0.00	40.29 1.88 0.00	40.88 1.84 0.00	41.08 1.76 0.00	36.09 1.48 0.00	35.03 1.34 0.00
NEG CENTRAL_HIGH_ACRES 23767	44.58 -2.42 0.00	36.04 -2.15 0.00	32.36 -2.15 0.00	34.46 -2.29 0.00	36.27 -2.39 0.00	33.31 -2.57 0.06	43.47 -3.36 0.01	47.69 -3.58 0.00	37.26 -2.65 0.00	32.18 -2.26 0.00	31.82 -2.16 0.00	38.27 -2.27 0.00	34.83 -2.00 0.00	41.01 -2.31 0.00	41.27 -2.22 0.00	47.96 -2.68 0.00	50.83 -2.93 0.00	51.54 -2.68 0.00	44.22 -2.58 0.00	36.40 -2.01 0.00	36.74 -2.31 0.00	36.78 -2.54 0.00	32.21 -2.41 0.00	31.41 -2.29 0.00

NEG CENTRAL___DRP 24199	46.09 -0.91 0.00	37.32 -0.87 0.00	33.63 -0.87 0.00	35.83 -0.92 0.00	37.68 -0.98 0.00	34.91 -1.03 0.00	45.63 -1.22 0.00	49.94 -1.33 0.00	38.74 -1.17 0.00	33.48 -0.96 0.00	32.99 -0.98 0.00	39.67 -0.87 0.00	36.10 -0.73 0.00	42.51 -0.80 0.00	42.74 -0.75 0.00	49.75 -0.88 0.00	52.83 -0.93 0.00	53.46 -0.76 0.00	46.03 -0.77 0.00	37.82 -0.58 0.00	38.24 -0.81 0.00	38.38 -0.94 0.00	33.64 -0.98 0.00	32.79 -0.90 0.00
NEG CENTRAL___INDECK 23768	46.61 -0.39 0.00	37.54 -0.65 0.00	33.49 -1.01 0.00	35.58 -1.17 0.00	37.41 -1.25 0.00	33.82 -1.69 0.43	44.40 -2.37 0.08	48.72 -2.55 0.00	37.87 -2.03 0.00	32.20 -2.24 0.00	31.74 -2.23 0.00	38.48 -2.06 0.00	35.18 -1.65 0.00	41.70 -1.61 0.00	42.26 -1.22 0.00	48.93 -1.71 0.00	51.95 -1.81 0.00	52.94 -1.28 0.00	45.37 -1.43 0.00	37.44 -0.96 0.00	37.76 -1.29 0.00	37.65 -1.68 0.00	32.97 -1.65 0.00	32.20 -1.49 0.00
NEG CENTRAL___SENECA 23627	45.93 -1.07 0.00	37.15 -1.03 0.00	33.43 -1.08 0.00	35.61 -1.14 0.00	37.47 -1.20 0.00	34.62 -1.32 0.00	45.27 -1.58 0.00	49.58 -1.69 0.00	38.54 -1.37 0.00	33.28 -1.15 0.00	32.80 -1.17 0.00	39.50 -1.04 0.00	35.93 -0.90 0.00	42.31 -1.00 0.00	42.59 -0.90 0.00	49.56 -1.07 0.00	52.59 -1.18 0.00	53.25 -0.97 0.00	45.79 -1.01 0.00	37.64 -0.77 0.00	38.03 -1.02 0.00	38.12 -1.20 0.00	33.41 -1.21 0.00	32.56 -1.12 0.00
NEG CENTRAL___STATE_STREET 24147	46.52 -0.48 0.00	37.64 -0.55 0.00	34.04 -0.46 0.00	36.30 -0.45 0.00	38.07 -0.59 0.00	35.54 -0.53 -0.13	46.36 -0.51 -0.03	50.66 -0.60 0.00	39.21 -0.70 0.00	33.87 -0.57 0.00	33.39 -0.58 0.00	40.04 -0.50 0.00	36.47 -0.36 0.00	42.93 -0.38 0.00	43.11 -0.37 0.00	50.23 -0.40 0.00	53.35 -0.41 0.00	53.94 -0.28 0.00	46.55 -0.25 0.00	38.23 -0.17 0.00	38.61 -0.44 0.00	38.85 -0.47 0.00	34.02 -0.60 0.00	33.14 -0.54 0.00
NEG MILLWOOD___DRP 24198	49.08 2.07 0.00	39.84 1.65 0.00	36.09 1.58 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.83 1.90 0.00	49.60 2.75 0.00	54.37 3.10 0.00	42.23 2.33 0.00	36.56 2.12 0.00	36.24 2.27 0.00	43.30 2.75 0.00	39.30 2.47 0.00	46.03 2.72 0.00	46.01 2.53 0.00	53.62 2.99 0.00	57.09 3.33 0.00	57.42 3.20 0.00	49.89 3.09 0.00	41.00 2.60 0.00	41.63 2.58 0.00	41.93 2.61 0.00	36.77 2.15 0.00	35.57 1.89 0.00
NEG NORTH_FLCN_SEA 23793	48.47 1.47 0.00	39.35 1.17 0.00	35.28 0.78 0.00	37.55 0.79 0.00	39.61 0.95 0.00	36.77 0.83 0.00	47.92 1.07 0.00	52.57 1.30 0.00	40.83 0.93 0.00	35.25 0.82 0.00	34.36 0.39 0.00	40.71 0.17 0.00	37.05 0.22 0.00	43.64 0.33 0.00	44.11 0.62 0.00	51.21 0.58 0.00	54.27 0.51 0.00	54.63 0.41 0.00	46.30 -0.50 0.00	37.65 -0.76 0.00	38.23 -0.82 0.00	38.67 -0.65 0.00	34.34 -0.28 0.00	33.59 -0.10 0.00
NEG NORTH_KES_CHATEGAY 23792	48.28 1.28 0.00	39.18 0.99 0.00	35.11 0.61 0.00	37.39 0.63 0.00	39.44 0.77 0.00	36.59 0.66 0.00	47.69 0.84 0.00	52.31 1.04 0.00	40.63 0.72 0.00	35.09 0.65 0.00	34.15 0.18 0.00	40.49 -0.05 0.00	36.84 0.00 0.00	43.48 0.17 0.00	43.94 0.46 0.00	51.02 0.39 0.00	53.98 0.22 0.00	54.32 0.10 0.00	46.03 -0.77 0.00	37.48 -0.92 0.00	38.12 -0.93 0.00	38.56 -0.76 0.00	34.23 -0.39 0.00	33.45 -0.23 0.00
NEG NORTH___ALICE_FALLS 23915	48.72 1.72 0.00	39.54 1.35 0.00	35.43 0.93 0.00	37.72 0.97 0.00	39.79 1.13 0.00	36.95 1.01 0.00	48.19 1.34 0.00	52.84 1.57 0.00	41.06 1.16 0.00	35.41 0.97 0.00	34.48 0.51 0.00	40.90 0.37 0.00	37.18 0.35 0.00	43.78 0.47 0.00	44.29 0.81 0.00	51.42 0.78 0.00	54.50 0.74 0.00	54.90 0.68 0.00	46.54 -0.26 0.00	37.83 -0.58 0.00	38.42 -0.63 0.00	38.85 -0.47 0.00	34.49 -0.13 0.00	33.72 0.03 0.00
NEG NORTH___LWR_SARANAC 23913	48.72 1.72 0.00	39.54 1.35 0.00	35.43 0.93 0.00	37.72 0.97 0.00	39.79 1.13 0.00	36.95 1.01 0.00	48.19 1.34 0.00	52.84 1.57 0.00	41.06 1.16 0.00	35.41 0.97 0.00	34.48 0.51 0.00	40.90 0.37 0.00	37.18 0.35 0.00	43.78 0.47 0.00	44.29 0.81 0.00	51.42 0.78 0.00	54.50 0.74 0.00	54.90 0.68 0.00	46.54 -0.26 0.00	37.83 -0.58 0.00	38.42 -0.63 0.00	38.85 -0.47 0.00	34.49 -0.13 0.00	33.72 0.03 0.00
NEG NORTH___PLATTSBURG 23628	48.72 1.72 0.00	39.54 1.35 0.00	35.43 0.93 0.00	37.72 0.97 0.00	39.79 1.12 0.00	36.95 1.01 0.00	48.19 1.33 0.00	52.84 1.57 0.00	41.06 1.16 0.00	35.41 0.97 0.00	34.48 0.51 0.00	40.91 0.37 0.00	37.18 0.35 0.00	43.78 0.47 0.00	44.29 0.81 0.00	51.42 0.78 0.00	54.50 0.74 0.00	54.90 0.68 0.00	46.54 -0.26 0.00	37.83 -0.57 0.00	38.42 -0.63 0.00	38.85 -0.47 0.00	34.49 -0.13 0.00	33.72 0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	43.99 -3.01 0.00	35.40 -2.79 0.00	31.50 -3.00 0.00	33.55 -3.20 0.00	35.26 -3.40 0.00	31.47 -4.23 0.23	40.77 -6.03 0.05	44.85 -6.41 0.00	35.21 -4.69 0.00	30.66 -3.78 0.00	30.51 -3.46 0.00	36.72 -3.82 0.00	33.43 -3.40 0.00	39.43 -3.88 0.00	39.81 -3.67 0.00	46.08 -4.55 0.00	48.56 -5.20 0.00	49.52 -4.70 0.00	42.29 -4.51 0.00	34.98 -3.42 0.00	35.17 -3.88 0.00	35.20 -4.13 0.00	30.78 -3.84 0.00	30.21 -3.48 0.00
NEG WEST___LANCASTR 23811	44.37 -2.63 0.00	35.68 -2.50 0.00	31.81 -2.69 0.00	33.89 -2.87 0.00	35.59 -3.07 0.00	31.98 -3.65 0.30	41.83 -4.97 0.06	45.90 -5.36 0.00	35.88 -4.02 0.00	31.16 -3.27 0.00	31.03 -2.94 0.00	37.32 -3.22 0.00	33.93 -2.90 0.00	40.01 -3.30 0.00	40.32 -3.16 0.00	46.72 -3.92 0.00	49.35 -4.41 0.00	50.25 -3.97 0.00	43.05 -3.75 0.00	35.53 -2.87 0.00	35.82 -3.23 0.00	35.84 -3.48 0.00	31.39 -3.23 0.00	30.70 -2.99 0.00
NEG_PENN_ALLEGHNY 23528	46.82 -0.18 0.00	37.96 -0.22 0.00	34.22 -0.28 0.00	36.48 -0.27 0.00	38.36 -0.30 0.00	35.46 -0.38 0.10	46.46 -0.38 0.01	50.86 -0.41 0.00	39.54 -0.37 0.00	34.09 -0.34 0.00	33.69 -0.29 0.00	40.32 -0.22 0.00	36.66 -0.17 0.00	43.14 -0.17 0.00	43.29 -0.19 0.00	50.37 -0.26 0.00	53.52 -0.24 0.00	54.08 -0.14 0.00	46.70 -0.10 0.00	38.36 -0.05 0.00	38.92 -0.13 0.00	39.09 -0.24 0.00	34.34 -0.28 0.00	33.42 -0.27 0.00
NEG___GEN_MONROE 24207	45.58 -1.42 0.00	36.83 -1.36 0.00	32.94 -1.56 0.00	35.07 -1.69 0.00	36.90 -1.77 0.00	33.60 -2.20 0.14	43.81 -3.02 0.03	48.15 -3.12 0.00	37.68 -2.22 0.00	32.58 -1.86 0.00	32.17 -1.80 0.00	38.71 -1.82 0.00	35.30 -1.53 0.00	41.62 -1.69 0.00	41.97 -1.51 0.00	48.71 -1.93 0.00	51.57 -2.19 0.00	52.43 -1.79 0.00	44.89 -1.92 0.00	36.99 -1.42 0.00	37.27 -1.78 0.00	37.29 -2.04 0.00	32.63 -1.99 0.00	31.86 -1.83 0.00
NEPA___ENERGY 23901	44.39 -2.62 0.00	35.65 -2.53 0.00	31.78 -2.72 0.00	33.90 -2.86 0.00	35.54 -3.12 0.00	32.01 -3.63 0.30	41.94 -4.86 0.06	46.11 -5.16 0.00	35.79 -4.11 0.00	31.04 -3.39 0.00	31.06 -2.91 0.00	37.49 -3.04 0.00	34.07 -2.76 0.00	40.08 -3.23 0.00	40.18 -3.30 0.00	46.58 -4.06 0.00	49.15 -4.61 0.00	50.04 -4.17 0.00	43.10 -3.70 0.00	35.46 -2.95 0.00	35.85 -3.20 0.00	35.98 -3.35 0.00	31.58 -3.04 0.00	30.86 -2.83 0.00

NEVERSINK___HYD 23608	48.20 1.20 0.00	39.11 0.93 0.00	35.39 0.89 0.00	37.75 0.99 0.00	39.70 1.04 0.00	37.11 1.17 0.00	48.63 1.78 0.00	53.32 2.06 0.00	41.35 1.44 0.00	35.74 1.31 0.00	35.33 1.35 0.00	42.05 1.51 0.00	38.25 1.43 0.00	44.94 1.63 0.00	44.98 1.49 0.00	52.54 1.91 0.00	55.97 2.21 0.00	56.45 2.23 0.00	48.95 2.15 0.00	40.21 1.80 0.00	40.83 1.79 0.00	41.10 1.78 0.00	36.05 1.44 0.00	34.87 1.19 0.00
NEWKRMKL_115KV_TB1 55635	46.81 -0.19 0.00	38.21 0.03 0.00	34.79 0.29 0.00	36.95 0.20 0.00	38.88 0.22 0.00	36.38 0.44 0.00	47.24 0.39 0.00	51.54 0.27 0.00	40.31 0.40 0.00	34.81 0.38 0.00	34.48 0.51 0.00	41.15 0.61 0.00	37.38 0.55 0.00	43.84 0.53 0.00	43.86 0.38 0.00	51.11 0.47 0.00	54.39 0.63 0.00	54.71 0.49 0.00	47.48 0.68 0.00	39.13 0.72 0.00	39.76 0.71 0.00	40.00 0.68 0.00	35.28 0.66 0.00	34.27 0.59 0.00
NEWTON___FALLS_HYD 23847	48.35 1.34 0.00	39.24 1.05 0.00	35.23 0.73 0.00	37.54 0.78 0.00	39.48 0.82 0.00	36.60 0.67 0.00	47.86 1.01 0.00	52.29 1.02 0.00	40.55 0.65 0.00	34.62 0.18 0.00	33.69 -0.28 0.00	39.69 -0.84 0.00	35.95 -0.88 0.00	42.72 -0.60 0.00	43.41 -0.07 0.00	50.41 -0.23 0.00	53.32 -0.45 0.00	53.66 -0.56 0.00	45.99 -0.81 0.00	37.62 -0.79 0.00	38.31 -0.74 0.00	38.79 -0.53 0.00	34.36 -0.26 0.00	33.42 -0.27 0.00
NGRID_A1_DSASP 323792	42.76 -4.24 0.00	34.42 -3.76 0.00	30.62 -3.89 0.00	32.63 -4.13 0.00	34.29 -4.37 0.00	30.56 -5.13 0.24	39.35 -7.46 0.05	43.04 -8.22 0.00	33.85 -6.05 0.00	29.78 -4.65 0.00	30.11 -3.87 0.00	36.25 -4.29 0.00	32.97 -3.86 0.00	38.87 -4.44 0.00	39.23 -4.25 0.00	45.44 -5.20 0.00	47.65 -6.11 0.00	48.54 -5.68 0.00	41.42 -5.39 0.00	34.29 -4.12 0.00	34.46 -4.59 0.00	34.49 -4.84 0.00	30.28 -4.34 0.00	29.79 -3.90 0.00
NGRID_A2_DSASP 323793	42.76 -4.24 0.00	34.42 -3.76 0.00	30.62 -3.89 0.00	32.63 -4.13 0.00	34.29 -4.37 0.00	30.56 -5.13 0.24	39.35 -7.46 0.05	43.04 -8.22 0.00	33.85 -6.05 0.00	29.78 -4.65 0.00	30.11 -3.87 0.00	36.25 -4.29 0.00	32.97 -3.86 0.00	38.87 -4.44 0.00	39.23 -4.25 0.00	45.44 -5.20 0.00	47.65 -6.11 0.00	48.54 -5.68 0.00	41.42 -5.39 0.00	34.29 -4.12 0.00	34.46 -4.59 0.00	34.49 -4.84 0.00	30.28 -4.34 0.00	29.79 -3.90 0.00
NGRID_A4_DSASP 323807	42.76 -4.24 0.00	34.42 -3.76 0.00	30.62 -3.89 0.00	32.63 -4.13 0.00	34.29 -4.37 0.00	30.56 -5.13 0.24	39.35 -7.46 0.05	43.04 -8.22 0.00	33.85 -6.05 0.00	29.78 -4.65 0.00	30.11 -3.87 0.00	36.25 -4.29 0.00	32.97 -3.86 0.00	38.87 -4.44 0.00	39.23 -4.25 0.00	45.44 -5.20 0.00	47.65 -6.11 0.00	48.54 -5.68 0.00	41.42 -5.39 0.00	34.29 -4.12 0.00	34.46 -4.59 0.00	34.49 -4.84 0.00	30.28 -4.34 0.00	29.79 -3.90 0.00
NIAGARA_115E_LBMP 323715	43.42 -3.59 0.00	34.95 -3.24 0.00	31.11 -3.40 0.00	33.14 -3.61 0.00	34.83 -3.83 0.00	30.97 -4.73 0.24	40.02 -6.79 0.05	44.08 -7.19 0.00	34.68 -5.22 0.00	30.22 -4.21 0.00	30.08 -3.89 0.00	36.16 -4.38 0.00	32.92 -3.91 0.00	38.80 -4.51 0.00	39.19 -4.29 0.00	45.34 -5.29 0.00	47.72 -6.04 0.00	48.66 -5.55 0.00	41.55 -5.25 0.00	34.41 -4.00 0.00	34.60 -4.45 0.00	34.67 -4.66 0.00	30.28 -4.34 0.00	29.74 -3.94 0.00
NIAGARA_115W_LBMP 323714	42.63 -4.37 0.00	34.32 -3.87 0.00	30.52 -3.98 0.00	32.53 -4.23 0.00	34.18 -4.48 0.00	30.47 -5.23 0.24	39.25 -7.56 0.05	42.84 -8.42 0.00	33.73 -6.17 0.00	29.67 -4.76 0.00	30.06 -3.91 0.00	36.19 -4.34 0.00	32.92 -3.91 0.00	38.81 -4.50 0.00	39.18 -4.30 0.00	45.35 -5.28 0.00	47.56 -6.21 0.00	48.43 -5.79 0.00	41.31 -5.49 0.00	34.22 -4.19 0.00	34.39 -4.66 0.00	34.41 -4.91 0.00	30.23 -4.39 0.00	29.75 -3.94 0.00
NIAGARA_230_LBMP 323716	43.64 -3.36 0.00	35.13 -3.06 0.00	31.28 -3.22 0.00	33.32 -3.44 0.00	35.02 -3.64 0.00	31.35 -4.37 0.23	40.64 -6.17 0.04	44.67 -6.59 0.00	35.14 -4.76 0.00	30.58 -3.86 0.00	30.43 -3.54 0.00	36.58 -3.96 0.00	33.27 -3.56 0.00	39.23 -4.09 0.00	39.55 -3.93 0.00	45.82 -4.82 0.00	48.31 -5.45 0.00	49.23 -4.99 0.00	42.03 -4.77 0.00	34.79 -3.62 0.00	34.98 -4.07 0.00	34.99 -4.33 0.00	30.66 -3.96 0.00	30.09 -3.60 0.00
NIAGARA___115KV_198_GIBSON 55903	42.63 -4.37 0.00	34.32 -3.87 0.00	30.53 -3.98 0.00	32.53 -4.23 0.00	34.18 -4.48 0.00	30.46 -5.24 0.24	39.18 -7.62 0.05	42.84 -8.43 0.00	33.69 -6.22 0.00	29.67 -4.76 0.00	30.06 -3.91 0.00	36.19 -4.35 0.00	32.92 -3.91 0.00	38.81 -4.51 0.00	39.17 -4.31 0.00	45.36 -5.28 0.00	47.55 -6.21 0.00	48.43 -5.78 0.00	41.33 -5.47 0.00	34.22 -4.19 0.00	34.39 -4.66 0.00	34.41 -4.91 0.00	30.22 -4.40 0.00	29.75 -3.94 0.00
NIAGARA___ 23760	43.64 -3.36 0.00	35.13 -3.06 0.00	31.28 -3.22 0.00	33.32 -3.44 0.00	35.02 -3.64 0.00	31.34 -4.37 0.23	40.63 -6.17 0.04	44.67 -6.59 0.00	35.14 -4.76 0.00	30.58 -3.86 0.00	30.43 -3.54 0.00	36.58 -3.96 0.00	33.27 -3.56 0.00	39.23 -4.09 0.00	39.55 -3.93 0.00	45.82 -4.82 0.00	48.31 -5.45 0.00	49.23 -4.99 0.00	42.03 -4.77 0.00	34.79 -3.62 0.00	34.98 -4.07 0.00	34.99 -4.33 0.00	30.66 -3.96 0.00	30.09 -3.60 0.00
NINE_MILE_1 23575	45.07 -1.93 0.00	36.60 -1.59 0.00	33.06 -1.44 0.00	35.21 -1.54 0.00	37.03 -1.64 0.00	34.39 -1.55 0.00	44.83 -2.03 0.00	49.06 -2.21 0.00	38.21 -1.70 0.00	32.96 -1.47 0.00	32.52 -1.46 0.00	38.87 -1.67 0.00	35.35 -1.48 0.00	41.58 -1.73 0.00	41.75 -1.73 0.00	48.63 -2.01 0.00	51.62 -2.14 0.00	52.13 -2.10 0.00	44.98 -1.83 0.00	36.94 -1.47 0.00	37.49 -1.56 0.00	37.70 -1.62 0.00	33.17 -1.45 0.00	32.34 -1.35 0.00
NINE_MILE_2 23744	45.07 -1.93 0.00	36.60 -1.59 0.00	33.07 -1.44 0.00	35.21 -1.54 0.00	37.03 -1.63 0.00	34.39 -1.55 0.00	44.83 -2.03 0.00	49.06 -2.21 0.00	38.21 -1.69 0.00	32.96 -1.47 0.00	32.52 -1.45 0.00	38.87 -1.67 0.00	35.35 -1.48 0.00	41.59 -1.72 0.00	41.76 -1.72 0.00	48.63 -2.01 0.00	51.62 -2.14 0.00	52.13 -2.10 0.00	44.98 -1.83 0.00	36.94 -1.47 0.00	37.49 -1.56 0.00	37.70 -1.62 0.00	33.17 -1.45 0.00	32.34 -1.35 0.00
NM_CAPITAL___DRP 24208	46.89 -0.12 0.00	38.29 0.10 0.00	34.84 0.33 0.00	37.04 0.29 0.00	38.97 0.31 0.00	36.45 0.51 0.00	47.32 0.47 0.00	51.62 0.35 0.00	40.36 0.45 0.00	34.84 0.40 0.00	34.50 0.52 0.00	41.21 0.67 0.00	37.41 0.58 0.00	43.88 0.57 0.00	43.91 0.43 0.00	51.18 0.54 0.00	54.43 0.67 0.00	54.76 0.54 0.00	47.53 0.73 0.00	39.18 0.77 0.00	39.83 0.78 0.00	40.07 0.75 0.00	35.30 0.68 0.00	34.30 0.61 0.00
NM_CENTRAL___DRP 24181	45.88 -1.12 0.00	37.24 -0.94 0.00	33.64 -0.87 0.00	35.83 -0.92 0.00	37.68 -0.98 0.00	35.00 -0.94 0.00	45.68 -1.17 0.00	50.00 -1.26 0.00	38.94 -0.97 0.00	33.59 -0.84 0.00	33.13 -0.84 0.00	39.65 -0.89 0.00	36.07 -0.76 0.00	42.45 -0.85 0.00	42.64 -0.84 0.00	49.64 -0.99 0.00	52.73 -1.03 0.00	53.22 -1.00 0.00	45.92 -0.88 0.00	37.72 -0.69 0.00	38.26 -0.79 0.00	38.44 -0.89 0.00	33.77 -0.85 0.00	32.89 -0.80 0.00

NM_FRONTIER___DRP 24179	42.63 -4.37 0.00	34.32 -3.87 0.00	30.53 -3.98 0.00	32.53 -4.23 0.00	34.18 -4.48 0.00	30.46 -5.24 0.24	39.18 -7.62 0.05	42.84 -8.43 0.00	33.69 -6.22 0.00	29.67 -4.76 0.00	30.06 -3.91 0.00	36.19 -4.35 0.00	32.92 -3.91 0.00	38.81 -4.51 0.00	39.17 -4.31 0.00	45.36 -5.28 0.00	47.55 -6.21 0.00	48.43 -5.78 0.00	41.33 -5.47 0.00	34.22 -4.19 0.00	34.39 -4.66 0.00	34.41 -4.91 0.00	30.22 -4.40 0.00	29.75 -3.94 0.00
NM_ST_REGIS___HYD 24053	49.14 2.14 0.00	39.84 1.65 0.00	35.75 1.25 0.00	38.06 1.30 0.00	40.10 1.44 0.00	37.19 1.26 0.00	48.54 1.69 0.00	53.21 1.94 0.00	41.34 1.43 0.00	35.61 1.18 0.00	34.79 0.82 0.00	41.10 0.56 0.00	37.31 0.48 0.00	44.00 0.69 0.00	44.62 1.14 0.00	51.74 1.10 0.00	54.52 0.76 0.00	54.87 0.65 0.00	46.79 -0.01 0.00	38.18 -0.23 0.00	38.96 -0.09 0.00	39.56 0.23 0.00	35.16 0.54 0.00	34.27 0.58 0.00
NORTHPORT___1 23551	48.57 1.56 0.00	39.19 1.00 0.00	35.68 1.18 0.00	38.16 1.40 0.00	39.98 1.32 0.00	37.49 1.56 0.00	49.39 2.53 0.00	54.21 2.94 0.00	41.79 1.88 0.00	36.32 1.88 0.00	36.28 2.30 0.00	43.43 2.89 0.00	44.24 2.50 -4.91	45.55 2.24 0.00	45.53 2.05 0.00	53.14 2.50 0.00	63.11 2.99 -6.36	82.70 2.96 -25.52	57.99 2.81 -8.38	40.81 2.40 0.00	41.52 2.47 0.00	41.80 2.48 0.00	36.65 2.03 0.00	35.54 1.85 0.00
NORTHPORT___2 23552	48.57 1.56 0.00	39.19 1.00 0.00	35.68 1.18 0.00	38.16 1.40 0.00	39.98 1.32 0.00	37.49 1.56 0.00	49.39 2.53 0.00	54.21 2.94 0.00	41.79 1.88 0.00	36.32 1.88 0.00	36.28 2.30 0.00	43.43 2.89 0.00	44.24 2.50 -4.91	45.55 2.24 0.00	45.53 2.05 0.00	53.14 2.50 0.00	63.11 2.99 -6.36	82.70 2.96 -25.52	57.99 2.81 -8.38	40.81 2.40 0.00	41.52 2.47 0.00	41.80 2.48 0.00	36.65 2.03 0.00	35.54 1.85 0.00
NORTHPORT___3 23553	48.48 1.48 0.00	39.11 0.93 0.00	35.62 1.12 0.00	38.10 1.34 0.00	39.90 1.24 0.00	37.40 1.47 0.00	49.25 2.40 0.00	54.07 2.81 0.00	41.70 1.79 0.00	36.25 1.82 0.00	36.23 2.26 0.00	43.39 2.85 0.00	44.19 2.45 -4.92	45.47 2.16 0.00	45.44 1.95 0.00	53.03 2.39 0.00	63.00 2.85 -6.39	82.69 2.82 -25.65	57.92 2.70 -8.43	40.71 2.31 0.00	41.42 2.37 0.00	41.70 2.37 0.00	36.57 1.95 0.00	35.48 1.79 0.00
NORTHPORT___4 23650	48.48 1.48 0.00	39.11 0.93 0.00	35.62 1.12 0.00	38.10 1.34 0.00	39.90 1.24 0.00	37.40 1.47 0.00	49.25 2.40 0.00	54.07 2.81 0.00	41.70 1.79 0.00	36.25 1.82 0.00	36.23 2.26 0.00	43.39 2.85 0.00	44.19 2.45 -4.92	45.47 2.16 0.00	45.44 1.95 0.00	53.03 2.39 0.00	63.00 2.85 -6.39	82.69 2.82 -25.65	57.92 2.70 -8.43	40.71 2.31 0.00	41.42 2.37 0.00	41.70 2.37 0.00	36.57 1.95 0.00	35.48 1.79 0.00
NORTHPORT___IC 23718	48.57 1.56 0.00	39.19 1.00 0.00	35.68 1.18 0.00	38.16 1.40 0.00	39.98 1.32 0.00	37.50 1.56 0.00	49.39 2.54 0.00	54.21 2.94 0.00	41.80 1.89 0.00	36.32 1.88 0.00	36.28 2.31 0.00	43.44 2.90 0.00	44.23 2.49 -4.91	45.55 2.24 0.00	45.53 2.05 0.00	53.14 2.50 0.00	63.11 2.99 -6.36	82.70 2.96 -25.52	57.99 2.81 -8.38	40.81 2.41 0.00	41.53 2.47 0.00	41.80 2.48 0.00	36.65 2.03 0.00	35.54 1.85 0.00
NORTH___COUNTRY_ESR 323785	48.16 1.16 0.00	39.09 0.90 0.00	35.04 0.54 0.00	37.30 0.55 0.00	39.35 0.69 0.00	36.51 0.58 0.00	47.56 0.71 0.00	52.17 0.90 0.00	40.54 0.63 0.00	35.02 0.59 0.00	34.10 0.13 0.00	40.46 -0.08 0.00	36.83 0.00 0.00	43.44 0.13 0.00	43.88 0.40 0.00	50.90 0.26 0.00	53.85 0.09 0.00	54.16 -0.05 0.00	45.93 -0.87 0.00	37.38 -1.03 0.00	38.02 -1.03 0.00	38.49 -0.84 0.00	34.16 -0.46 0.00	33.39 -0.30 0.00
NPX_GEN_1385_PROXY 323591	48.33 1.33 0.00	39.11 0.92 0.00	35.60 1.10 0.00	38.08 1.33 0.00	39.99 1.32 0.00	84.74 1.85 -46.95	124.39 2.91 -74.62	54.56 3.29 0.00	41.78 1.88 0.00	36.24 1.81 0.00	36.08 2.11 0.00	43.21 2.67 0.00	44.20 2.46 -4.91	45.30 1.99 0.00	45.47 1.99 0.00	53.23 2.59 0.00	63.00 2.88 -6.36	82.76 3.02 -25.52	57.80 2.62 -8.38	40.68 2.27 0.00	41.71 2.66 0.00	41.99 2.67 0.00	36.50 1.88 0.00	35.49 1.80 0.00
NPX_GEN_CSC 323557	48.76 1.76 0.00	39.31 1.13 0.00	35.84 1.34 0.00	38.42 1.66 0.00	40.35 1.69 0.00	37.93 2.00 0.00	50.10 3.25 0.00	55.06 3.79 0.00	42.33 2.42 0.00	36.73 2.30 0.00	36.68 2.70 0.00	43.75 3.21 0.00	44.47 2.67 -4.97	45.75 2.44 0.00	45.73 2.25 0.00	53.33 2.69 0.00	63.62 3.43 -6.43	83.52 3.51 -25.79	58.56 3.29 -8.47	41.21 2.80 0.00	41.86 2.81 0.00	42.13 2.81 0.00	36.96 2.35 0.00	35.77 2.08 0.00
NSINS_S_GLNS_FALLS 23858	48.39 1.39 0.00	39.55 1.37 0.00	35.95 1.44 0.00	38.35 1.60 0.00	40.28 1.62 0.00	37.73 1.79 0.00	49.12 2.27 0.00	53.54 2.27 0.00	41.63 1.73 0.00	35.73 1.30 0.00	35.41 1.44 0.00	42.53 1.99 0.00	38.29 1.46 0.00	45.16 1.84 0.00	45.33 1.85 0.00	52.80 2.17 0.00	56.45 2.69 0.00	56.67 2.45 0.00	49.25 2.45 0.00	40.43 2.02 0.00	40.78 1.73 0.00	40.93 1.60 0.00	36.01 1.39 0.00	34.92 1.23 0.00
NUCOR_STEEL___DRP 24197	46.50 -0.50 0.00	37.62 -0.56 0.00	34.03 -0.47 0.00	36.30 -0.45 0.00	38.06 -0.60 0.00	35.53 -0.52 -0.12	46.36 -0.51 -0.02	50.65 -0.61 0.00	39.19 -0.71 0.00	33.87 -0.57 0.00	33.40 -0.57 0.00	40.04 -0.50 0.00	36.47 -0.36 0.00	42.93 -0.38 0.00	43.10 -0.38 0.00	50.19 -0.44 0.00	53.33 -0.43 0.00	53.91 -0.31 0.00	46.54 -0.26 0.00	38.22 -0.18 0.00	38.59 -0.45 0.00	38.85 -0.47 0.00	34.01 -0.61 0.00	33.14 -0.55 0.00
NUMBER_THREE_WT_PWR 323818	48.29 1.29 0.00	39.12 0.94 0.00	35.13 0.63 0.00	37.47 0.71 0.00	39.33 0.66 0.00	36.54 0.60 0.00	47.83 0.98 0.00	52.02 0.75 0.00	40.30 0.39 0.00	34.12 -0.31 0.00	33.01 -0.97 0.00	38.81 -1.73 0.00	35.16 -1.67 0.00	42.00 -1.31 0.00	42.72 -0.76 0.00	49.70 -0.93 0.00	52.83 -0.93 0.00	53.17 -1.05 0.00	45.74 -1.06 0.00	37.46 -0.95 0.00	38.05 -1.00 0.00	38.35 -0.97 0.00	33.84 -0.78 0.00	32.88 -0.81 0.00
NYISO_LBMP_REFERENCE 24008	47.00 0.00 0.00	38.18 0.00 0.00	34.50 0.00 0.00	36.75 0.00 0.00	38.66 0.00 0.00	35.93 0.00 0.00	46.85 0.00 0.00	51.27 0.00 0.00	39.91 0.00 0.00	34.43 0.00 0.00	33.97 0.00 0.00	40.54 0.00 0.00	36.83 0.00 0.00	43.31 0.00 0.00	43.48 0.00 0.00	50.64 0.00 0.00	53.76 0.00 0.00	54.22 0.00 0.00	46.80 0.00 0.00	38.41 0.00 0.00	39.05 0.00 0.00	39.33 0.00 0.00	34.62 0.00 0.00	33.69 0.00 0.00
NYPA_BRENTWD____GT 24164	49.04 2.04 0.00	39.57 1.39 0.00	35.99 1.49 0.00	38.47 1.72 0.00	40.35 1.69 0.00	37.87 1.93 0.00	49.91 3.06 0.00	54.83 3.56 0.00	42.20 2.29 0.00	36.65 2.22 0.00	36.62 2.65 0.00	43.80 3.26 0.00	44.79 2.84 -5.12	45.96 2.65 0.00	46.00 2.52 0.00	53.77 3.14 0.00	64.11 3.71 -6.64	84.41 3.56 -26.63	58.95 3.40 -8.75	41.31 2.90 0.00	42.01 2.96 0.00	42.26 2.94 0.00	37.04 2.42 0.00	35.87 2.18 0.00

NYPA_GOWANUS____GT5 24156	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.12 3.32 0.00	41.19 2.79 0.00	41.88 2.83 0.00	42.18 2.86 0.00	36.98 2.36 0.00	35.78 2.09 0.00
NYPA_GOWANUS____GT6 24157	49.34 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.69 1.94 0.00	40.68 2.02 0.00	38.09 2.15 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.53 2.63 0.00	36.82 2.39 0.00	36.58 2.60 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.42 3.11 0.00	46.36 2.88 0.00	53.88 3.24 0.00	57.33 3.57 0.00	57.59 3.37 0.00	50.12 3.32 0.00	41.19 2.79 0.00	41.88 2.83 0.00	42.18 2.86 0.00	36.98 2.36 0.00	35.78 2.09 0.00
NYPA_HARLEM__RVR__GT1 24160	49.03 2.02 0.00	39.84 1.65 0.00	36.13 1.63 0.00	38.47 1.72 0.00	40.43 1.77 0.00	37.92 1.98 0.00	49.57 2.72 0.00	54.47 3.20 0.00	42.34 2.43 0.00	36.70 2.27 0.00	36.43 2.45 -0.01	43.50 2.96 0.00	39.51 2.68 0.00	46.12 2.81 0.00	46.06 2.58 0.00	53.58 2.94 0.00	57.02 3.26 0.00	57.24 3.02 0.00	49.79 2.98 0.00	40.96 2.55 0.00	41.68 2.62 0.00	41.96 2.64 0.00	36.78 2.16 0.00	35.59 1.90 0.00
NYPA_HARLEM__RVR__GT2 24161	49.03 2.02 0.00	39.84 1.65 0.00	36.13 1.63 0.00	38.47 1.72 0.00	40.43 1.77 0.00	37.92 1.98 0.00	49.57 2.72 0.00	54.47 3.20 0.00	42.34 2.43 0.00	36.70 2.27 0.00	36.43 2.45 -0.01	43.50 2.96 0.00	39.51 2.68 0.00	46.12 2.81 0.00	46.06 2.58 0.00	53.58 2.94 0.00	57.02 3.26 0.00	57.24 3.02 0.00	49.79 2.98 0.00	40.96 2.55 0.00	41.68 2.62 0.00	41.96 2.64 0.00	36.78 2.16 0.00	35.59 1.90 0.00
NYPA_KENT____GT 24152	49.24 2.23 0.00	39.99 1.80 0.00	36.24 1.74 0.00	38.61 1.86 0.00	40.60 1.94 0.00	38.02 2.08 0.00	49.74 2.89 0.00	54.61 3.34 0.00	42.45 2.54 0.00	36.77 2.33 0.00	36.54 2.55 -0.01	43.68 3.14 0.00	39.69 2.85 -0.01	46.35 3.04 0.00	46.29 2.80 0.00	53.79 3.16 0.00	57.23 3.47 0.00	57.49 3.27 0.00	50.02 3.22 0.00	41.12 2.71 0.00	41.81 2.76 0.00	42.13 2.80 0.00	36.93 2.31 0.00	35.74 2.05 0.00
NYPA_POUCH1____GT 24155	49.36 2.36 0.00	40.07 1.89 0.00	36.33 1.83 0.00	38.72 1.97 0.00	40.71 2.05 0.00	38.12 2.19 0.00	49.88 3.03 0.00	54.76 3.49 0.00	42.53 2.62 0.00	36.81 2.37 0.00	36.56 2.58 -0.01	43.69 3.15 0.00	39.72 2.89 -0.01	46.37 3.06 0.00	46.32 2.84 0.00	53.84 3.20 0.00	57.27 3.51 0.00	57.53 3.31 0.00	50.13 3.33 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.11 0.00
NYPA_VERNON____GT2 24162	49.12 2.12 0.00	39.91 1.72 0.00	36.17 1.67 0.00	38.55 1.79 0.00	40.52 1.86 0.00	37.94 2.01 0.00	49.64 2.78 0.00	54.47 3.21 0.00	42.38 2.47 0.00	36.72 2.28 0.00	36.48 2.50 -0.01	43.63 3.09 0.00	39.62 2.79 -0.01	46.27 2.96 0.00	46.23 2.75 0.00	53.70 3.07 0.00	57.13 3.38 0.00	57.36 3.15 0.00	49.91 3.11 0.00	41.05 2.64 0.00	41.75 2.70 0.00	42.06 2.74 0.00	36.88 2.26 0.00	35.69 2.00 0.00
NYPA_VERNON____GT3 24163	49.12 2.12 0.00	39.91 1.72 0.00	36.17 1.67 0.00	38.55 1.79 0.00	40.52 1.86 0.00	37.94 2.01 0.00	49.64 2.78 0.00	54.47 3.21 0.00	42.38 2.47 0.00	36.72 2.28 0.00	36.48 2.50 -0.01	43.63 3.09 0.00	39.62 2.79 -0.01	46.27 2.96 0.00	46.23 2.75 0.00	53.70 3.07 0.00	57.13 3.38 0.00	57.36 3.15 0.00	49.91 3.11 0.00	41.05 2.64 0.00	41.75 2.70 0.00	42.06 2.74 0.00	36.88 2.26 0.00	35.69 2.00 0.00
NYPA__ASTORIA_CC1 323568	49.08 2.08 0.00	39.87 1.68 0.00	36.14 1.64 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.91 1.98 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.32 2.42 0.00	36.68 2.24 0.00	36.44 2.46 -0.01	43.56 3.02 0.00	39.58 2.75 -0.01	46.21 2.91 0.00	46.16 2.68 0.00	53.64 3.01 0.00	57.08 3.32 0.00	57.30 3.08 0.00	49.86 3.06 0.00	41.00 2.59 0.00	41.70 2.65 0.00	42.02 2.69 0.00	36.84 2.22 0.00	35.66 1.97 0.00
NYPA__ASTORIA_CC2 323569	49.08 2.08 0.00	39.87 1.68 0.00	36.14 1.64 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.91 1.98 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.32 2.42 0.00	36.68 2.24 0.00	36.44 2.46 -0.01	43.56 3.02 0.00	39.58 2.75 -0.01	46.21 2.91 0.00	46.16 2.68 0.00	53.64 3.01 0.00	57.08 3.32 0.00	57.30 3.08 0.00	49.86 3.06 0.00	41.00 2.59 0.00	41.70 2.65 0.00	42.02 2.69 0.00	36.84 2.22 0.00	35.66 1.97 0.00
NYPA__HOLTSVILL 23794	48.59 1.59 0.00	39.22 1.03 0.00	35.70 1.20 0.00	38.19 1.44 0.00	40.08 1.42 0.00	37.62 1.69 0.00	49.58 2.73 0.00	54.45 3.19 0.00	41.96 2.05 0.00	36.44 2.01 0.00	36.41 2.44 0.00	43.49 2.95 0.00	44.29 2.50 -4.96	45.59 2.27 0.00	45.60 2.12 0.00	53.17 2.53 0.00	63.30 3.13 -6.41	83.10 3.14 -25.73	58.23 2.98 -8.45	40.98 2.57 0.00	41.65 2.60 0.00	41.94 2.62 0.00	36.84 2.22 0.00	35.69 2.00 0.00
NYPA____HELLGATE_GT1 24158	49.03 2.02 0.00	39.84 1.65 0.00	36.13 1.63 0.00	38.47 1.72 0.00	40.43 1.77 0.00	37.92 1.98 0.00	49.57 2.72 0.00	54.47 3.20 0.00	42.34 2.43 0.00	36.70 2.27 0.00	36.43 2.45 -0.01	43.50 2.96 0.00	39.51 2.68 0.00	46.12 2.81 0.00	46.06 2.58 0.00	53.58 2.94 0.00	57.02 3.26 0.00	57.22 3.01 0.00	49.79 2.98 0.00	40.95 2.54 0.00	41.66 2.61 0.00	41.96 2.64 0.00	36.78 2.16 0.00	35.59 1.90 0.00
NYPA____HELLGATE_GT2 24159	49.03 2.02 0.00	39.84 1.65 0.00	36.13 1.63 0.00	38.47 1.72 0.00	40.43 1.77 0.00	37.92 1.98 0.00	49.57 2.72 0.00	54.47 3.20 0.00	42.34 2.43 0.00	36.70 2.27 0.00	36.43 2.45 -0.01	43.50 2.96 0.00	39.51 2.68 0.00	46.12 2.81 0.00	46.06 2.58 0.00	53.58 2.94 0.00	57.02 3.26 0.00	57.22 3.01 0.00	49.79 2.98 0.00	40.95 2.54 0.00	41.66 2.61 0.00	41.96 2.64 0.00	36.78 2.16 0.00	35.59 1.90 0.00
NYS_BARGE__HYD 23848	44.00 -3.00 0.00	35.43 -2.76 0.00	31.53 -2.97 0.00	33.57 -3.18 0.00	35.29 -3.37 0.00	31.50 -4.21 0.23	40.77 -6.03 0.04	44.87 -6.39 0.00	35.29 -4.62 0.00	30.68 -3.75 0.00	30.54 -3.43 0.00	36.76 -3.78 0.00	33.48 -3.35 0.00	39.49 -3.82 0.00	39.86 -3.62 0.00	46.15 -4.49 0.00	48.60 -5.15 0.00	49.57 -4.65 0.00	42.33 -4.47 0.00	35.02 -3.39 0.00	35.21 -3.84 0.00	35.24 -4.09 0.00	30.81 -3.82 0.00	30.22 -3.46 0.00
OAK ORCHARD__HYD 24046	45.35 -1.65 0.00	36.62 -1.57 0.00	32.82 -1.69 0.00	34.96 -1.80 0.00	36.76 -1.90 0.00	33.55 -2.25 0.13	43.72 -3.10 0.03	48.04 -3.23 0.00	37.61 -2.30 0.00	32.52 -1.92 0.00	32.19 -1.78 0.00	38.71 -1.83 0.00	35.24 -1.59 0.00	41.53 -1.78 0.00	41.79 -1.69 0.00	48.51 -2.12 0.00	51.39 -2.37 0.00	52.20 -2.03 0.00	44.72 -2.08 0.00	36.84 -1.56 0.00	37.17 -1.88 0.00	37.19 -2.13 0.00	32.58 -2.04 0.00	31.81 -1.88 0.00

OAKDALE___35_KV_LOAD 356122	46.66 -0.34 0.00	37.81 -0.37 0.00	34.11 -0.39 0.00	36.37 -0.39 0.00	38.22 -0.44 0.00	35.30 -0.51 0.13	46.26 -0.57 0.02	50.64 -0.63 0.00	39.36 -0.54 0.00	33.97 -0.46 0.00	33.58 -0.40 0.00	40.18 -0.36 0.00	36.53 -0.30 0.00	42.97 -0.34 0.00	43.12 -0.36 0.00	50.17 -0.47 0.00	53.31 -0.46 0.00	53.84 -0.37 0.00	46.51 -0.29 0.00	38.21 -0.19 0.00	38.78 -0.27 0.00	38.95 -0.37 0.00	34.22 -0.39 0.00	33.31 -0.39 0.00
OCC_CHEM___DRP 24175	42.76 -4.24 0.00	34.42 -3.76 0.00	30.62 -3.89 0.00	32.63 -4.13 0.00	34.29 -4.37 0.00	30.56 -5.13 0.24	39.35 -7.46 0.05	43.04 -8.22 0.00	33.85 -6.05 0.00	29.78 -4.65 0.00	30.11 -3.87 0.00	36.25 -4.29 0.00	32.97 -3.86 0.00	38.87 -4.44 0.00	39.23 -4.25 0.00	45.44 -5.20 0.00	47.65 -6.11 0.00	48.54 -5.68 0.00	41.42 -5.39 0.00	34.29 -4.12 0.00	34.46 -4.59 0.00	34.49 -4.84 0.00	30.28 -4.34 0.00	29.79 -3.90 0.00
OH_GEN_PROXY 24063	43.67 -3.33 0.00	35.15 -3.04 0.00	31.32 -3.19 0.00	33.36 -3.40 0.00	35.06 -3.60 0.00	31.43 -4.28 0.22	40.81 -6.00 0.04	44.86 -6.41 0.00	35.27 -4.63 0.00	30.69 -3.75 0.00	30.53 -3.44 0.00	36.70 -3.84 0.00	33.38 -3.45 0.00	39.34 -3.97 0.00	39.67 -3.81 0.00	45.94 -4.69 0.00	48.47 -5.29 0.00	49.40 -4.82 0.00	42.20 -4.60 0.00	34.90 -3.50 0.00	35.11 -3.94 0.00	35.11 -4.22 0.00	30.76 -3.86 0.00	30.15 -3.54 0.00
OLIN_CORP_DRP 24177	43.48 -3.53 0.00	34.99 -3.20 0.00	31.14 -3.36 0.00	33.19 -3.57 0.00	34.89 -3.77 0.00	31.08 -4.62 0.24	40.23 -6.58 0.05	44.28 -6.98 0.00	34.80 -5.11 0.00	30.35 -4.08 0.00	30.21 -3.77 0.00	36.30 -4.24 0.00	33.04 -3.79 0.00	38.94 -4.37 0.00	39.31 -4.17 0.00	45.49 -5.14 0.00	47.95 -5.81 0.00	48.89 -5.33 0.00	41.67 -5.13 0.00	34.49 -3.92 0.00	34.68 -4.38 0.00	34.72 -4.60 0.00	30.34 -4.28 0.00	29.80 -3.89 0.00
OLIN_CORP_DSASP 323712	42.76 -4.24 0.00	34.42 -3.76 0.00	30.62 -3.89 0.00	32.63 -4.13 0.00	34.29 -4.37 0.00	30.56 -5.13 0.24	39.35 -7.46 0.05	43.04 -8.22 0.00	33.85 -6.05 0.00	29.78 -4.65 0.00	30.11 -3.87 0.00	36.25 -4.29 0.00	32.97 -3.86 0.00	38.87 -4.44 0.00	39.23 -4.25 0.00	45.44 -5.20 0.00	47.65 -6.11 0.00	48.54 -5.68 0.00	41.42 -5.39 0.00	34.29 -4.12 0.00	34.46 -4.59 0.00	34.49 -4.84 0.00	30.28 -4.34 0.00	29.79 -3.90 0.00
ONEIDA_HERK_LFGE 323681	48.00 1.00 0.00	38.96 0.77 0.00	35.12 0.62 0.00	37.44 0.69 0.00	39.37 0.71 0.00	36.64 0.71 0.00	47.93 1.08 0.00	52.30 1.04 0.00	40.59 0.69 0.00	34.74 0.30 0.00	33.95 -0.02 0.00	40.23 -0.30 0.00	36.61 -0.22 0.00	43.42 0.10 0.00	43.85 0.37 0.00	51.01 0.38 0.00	54.26 0.50 0.00	54.64 0.43 0.00	47.12 0.32 0.00	38.63 0.22 0.00	39.23 0.18 0.00	39.47 0.14 0.00	34.71 0.09 0.00	33.71 0.02 0.00
ONEIDA___115KV_TB4 55905	47.80 0.80 0.00	38.86 0.67 0.00	35.11 0.61 0.00	37.42 0.67 0.00	39.40 0.74 0.00	36.70 0.76 0.00	48.04 1.19 0.00	52.50 1.23 0.00	40.76 0.85 0.00	35.05 0.62 0.00	34.43 0.45 0.00	40.92 0.38 0.00	37.42 0.60 0.00	44.25 0.94 0.00	44.51 1.02 0.00	51.80 1.17 0.00	55.16 1.40 0.00	55.44 1.23 0.00	47.83 1.03 0.00	39.24 0.84 0.00	39.81 0.76 0.00	39.98 0.66 0.00	35.09 0.47 0.00	34.07 0.38 0.00
ONONDAGA_REF_OCCRA 23987	46.27 -0.74 0.00	37.54 -0.65 0.00	33.91 -0.60 0.00	36.13 -0.63 0.00	37.99 -0.68 0.00	35.37 -0.64 -0.08	46.12 -0.75 -0.02	50.45 -0.81 0.00	39.26 -0.65 0.00	33.84 -0.59 0.00	33.37 -0.61 0.00	39.90 -0.64 0.00	36.34 -0.49 0.00	42.79 -0.52 0.00	42.98 -0.50 0.00	50.05 -0.59 0.00	53.17 -0.59 0.00	53.68 -0.53 0.00	46.33 -0.47 0.00	38.05 -0.36 0.00	38.58 -0.47 0.00	38.76 -0.57 0.00	34.04 -0.58 0.00	33.15 -0.54 0.00
ONONDAGA___COGEN 23986	46.16 -0.85 0.00	37.45 -0.73 0.00	33.83 -0.67 0.00	36.05 -0.70 0.00	37.89 -0.77 0.00	35.26 -0.72 -0.04	46.01 -0.85 0.00	50.33 -0.93 0.00	39.14 -0.77 0.00	33.75 -0.69 0.00	33.27 -0.70 0.00	39.82 -0.72 0.00	36.26 -0.57 0.00	42.67 -0.64 0.00	42.86 -0.62 0.00	49.89 -0.74 0.00	53.01 -0.75 0.00	53.54 -0.68 0.00	46.20 -0.60 0.00	37.94 -0.46 0.00	38.46 -0.58 0.00	38.65 -0.67 0.00	33.95 -0.67 0.00	33.07 -0.62 0.00
ONTARIO___LFGE 23819	45.93 -1.07 0.00	37.16 -1.03 0.00	33.43 -1.08 0.00	35.61 -1.14 0.00	37.47 -1.20 0.00	34.62 -1.32 0.00	45.26 -1.59 0.00	49.58 -1.69 0.00	38.55 -1.35 0.00	33.28 -1.16 0.00	32.80 -1.17 0.00	39.50 -1.04 0.00	35.94 -0.89 0.00	42.32 -0.99 0.00	42.59 -0.90 0.00	49.56 -1.07 0.00	52.58 -1.18 0.00	53.25 -0.97 0.00	45.79 -1.01 0.00	37.64 -0.77 0.00	38.03 -1.02 0.00	38.12 -1.20 0.00	33.41 -1.21 0.00	32.56 -1.12 0.00
ORANGEVILLE_WT_PWR 323706	44.50 -2.50 0.00	35.72 -2.46 0.00	31.81 -2.70 0.00	33.79 -2.97 0.00	35.41 -3.26 0.00	31.69 -3.84 0.41	41.15 -5.62 0.08	44.88 -6.39 0.00	34.93 -4.98 0.00	30.11 -4.32 0.00	29.96 -4.01 0.00	36.13 -4.41 0.00	32.88 -3.95 0.00	38.86 -4.44 0.00	39.35 -4.13 0.00	45.50 -5.14 0.00	48.14 -5.62 0.00	49.13 -5.09 0.00	42.18 -4.62 0.00	34.70 -3.71 0.00	35.06 -3.99 0.00	35.04 -4.29 0.00	30.79 -3.82 0.00	30.19 -3.50 0.00
ORANGEVILLE___ESR 323794	44.50 -2.50 0.00	35.72 -2.46 0.00	31.81 -2.70 0.00	33.79 -2.97 0.00	35.41 -3.26 0.00	31.69 -3.84 0.41	41.15 -5.62 0.08	44.88 -6.39 0.00	34.93 -4.98 0.00	30.11 -4.32 0.00	29.96 -4.01 0.00	36.13 -4.41 0.00	32.88 -3.95 0.00	38.86 -4.44 0.00	39.35 -4.13 0.00	45.50 -5.14 0.00	48.14 -5.62 0.00	49.13 -5.09 0.00	42.18 -4.62 0.00	34.70 -3.71 0.00	35.06 -3.99 0.00	35.04 -4.29 0.00	30.79 -3.82 0.00	30.19 -3.50 0.00
OSWEGATCHIE___HYD 24044	48.34 1.34 0.00	39.24 1.05 0.00	35.23 0.73 0.00	37.54 0.78 0.00	39.48 0.82 0.00	36.60 0.67 0.00	47.86 1.01 0.00	52.29 1.02 0.00	40.55 0.65 0.00	34.62 0.19 0.00	33.69 -0.28 0.00	39.69 -0.84 0.00	35.95 -0.88 0.00	42.71 -0.60 0.00	43.41 -0.07 0.00	50.41 -0.23 0.00	53.31 -0.45 0.00	53.66 -0.56 0.00	45.99 -0.81 0.00	37.62 -0.79 0.00	38.31 -0.74 0.00	38.79 -0.53 0.00	34.36 -0.26 0.00	33.42 -0.26 0.00
OSWEGO___5 23606	45.44 -1.56 0.00	36.89 -1.30 0.00	33.32 -1.18 0.00	35.50 -1.26 0.00	37.32 -1.35 0.00	34.65 -1.29 0.00	45.18 -1.67 0.00	49.45 -1.82 0.00	38.50 -1.41 0.00	33.22 -1.22 0.00	32.76 -1.21 0.00	39.17 -1.37 0.00	35.62 -1.21 0.00	41.92 -1.40 0.00	42.10 -1.38 0.00	49.01 -1.63 0.00	52.03 -1.73 0.00	52.54 -1.68 0.00	45.34 -1.46 0.00	37.24 -1.16 0.00	37.79 -1.26 0.00	38.00 -1.33 0.00	33.42 -1.20 0.00	32.57 -1.12 0.00
OSWEGO___6 23613	45.44 -1.56 0.00	36.89 -1.30 0.00	33.32 -1.18 0.00	35.50 -1.26 0.00	37.32 -1.35 0.00	34.65 -1.29 0.00	45.18 -1.67 0.00	49.45 -1.82 0.00	38.50 -1.41 0.00	33.22 -1.22 0.00	32.76 -1.21 0.00	39.17 -1.37 0.00	35.62 -1.21 0.00	41.92 -1.40 0.00	42.10 -1.38 0.00	49.01 -1.63 0.00	52.03 -1.73 0.00	52.54 -1.68 0.00	45.34 -1.46 0.00	37.24 -1.16 0.00	37.79 -1.26 0.00	38.00 -1.33 0.00	33.42 -1.20 0.00	32.57 -1.12 0.00

OUTOKUMPU-AB___DRP 24206	44.01 -2.99 0.00	35.41 -2.78 0.00	31.49 -3.02 0.00	33.53 -3.23 0.00	35.23 -3.44 0.00	31.45 -4.23 0.25	40.74 -6.06 0.05	44.73 -6.53 0.00	35.11 -4.80 0.00	30.65 -3.78 0.00	30.71 -3.26 0.00	36.99 -3.55 0.00	33.65 -3.18 0.00	39.70 -3.61 0.00	40.07 -3.42 0.00	46.39 -4.24 0.00	48.78 -4.98 0.00	49.73 -4.49 0.00	42.47 -4.33 0.00	35.13 -3.28 0.00	35.33 -3.72 0.00	35.35 -3.97 0.00	30.96 -3.66 0.00	30.39 -3.30 0.00
OXBOW___BTM 323836	43.33 -3.67 0.00	34.87 -3.32 0.00	31.01 -3.50 0.00	33.02 -3.73 0.00	34.70 -3.96 0.00	30.98 -4.71 0.24	40.03 -6.77 0.05	43.83 -7.43 0.00	34.48 -5.42 0.00	30.17 -4.26 0.00	30.38 -3.59 0.00	36.60 -3.94 0.00	33.29 -3.54 0.00	39.28 -4.03 0.00	39.63 -3.86 0.00	45.89 -4.75 0.00	48.18 -5.57 0.00	49.11 -5.11 0.00	41.92 -4.89 0.00	34.68 -3.72 0.00	34.87 -4.18 0.00	34.88 -4.44 0.00	30.59 -4.03 0.00	30.06 -3.63 0.00
OXBOW___ 24026	43.33 -3.67 0.00	34.87 -3.32 0.00	31.00 -3.50 0.00	33.03 -3.73 0.00	34.71 -3.96 0.00	30.96 -4.73 0.24	40.00 -6.80 0.05	43.84 -7.43 0.00	34.44 -5.46 0.00	30.18 -4.25 0.00	30.38 -3.60 0.00	36.59 -3.94 0.00	33.28 -3.55 0.00	39.26 -4.05 0.00	39.63 -3.86 0.00	45.89 -4.75 0.00	48.18 -5.57 0.00	49.11 -5.11 0.00	41.92 -4.88 0.00	34.68 -3.73 0.00	34.87 -4.18 0.00	34.88 -4.44 0.00	30.58 -4.04 0.00	30.06 -3.63 0.00
OXY_CHEM_DSASP 323612	42.76 -4.24 0.00	34.42 -3.76 0.00	30.62 -3.89 0.00	32.63 -4.13 0.00	34.29 -4.37 0.00	30.56 -5.13 0.24	39.35 -7.46 0.05	43.04 -8.22 0.00	33.85 -6.05 0.00	29.78 -4.65 0.00	30.11 -3.87 0.00	36.25 -4.29 0.00	32.97 -3.86 0.00	38.87 -4.44 0.00	39.23 -4.25 0.00	45.44 -5.20 0.00	47.65 -6.11 0.00	48.54 -5.68 0.00	41.42 -5.39 0.00	34.29 -4.12 0.00	34.46 -4.59 0.00	34.49 -4.84 0.00	30.28 -4.34 0.00	29.79 -3.90 0.00
OZONE_PARK_ESR 323760	49.43 2.43 0.00	40.10 1.92 0.00	36.33 1.83 0.00	38.72 1.97 0.00	40.72 2.06 0.00	38.12 2.18 0.00	49.95 3.10 0.00	54.85 3.58 0.00	42.62 2.71 0.00	36.92 2.49 0.00	36.68 2.71 -0.01	43.90 3.36 0.00	39.85 3.01 -0.01	46.57 3.26 0.00	46.52 3.04 0.00	54.08 3.45 0.00	57.59 3.83 0.00	57.92 3.71 0.00	50.34 3.54 0.00	41.38 2.97 0.00	42.04 2.99 0.00	42.34 3.02 0.00	37.12 2.50 0.00	35.91 2.22 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	42.76 -4.24 0.00	34.42 -3.76 0.00	30.62 -3.89 0.00	32.63 -4.13 0.00	34.29 -4.37 0.00	30.56 -5.13 0.24	39.35 -7.46 0.05	43.04 -8.22 0.00	33.85 -6.05 0.00	29.78 -4.65 0.00	30.11 -3.87 0.00	36.25 -4.29 0.00	32.97 -3.86 0.00	38.87 -4.44 0.00	39.23 -4.25 0.00	45.44 -5.20 0.00	47.65 -6.11 0.00	48.54 -5.68 0.00	41.42 -5.39 0.00	34.29 -4.12 0.00	34.46 -4.59 0.00	34.49 -4.84 0.00	30.28 -4.34 0.00	29.79 -3.90 0.00
PACKARD__115KV_DUPONT_184 80571	42.76 -4.24 0.00	34.43 -3.76 0.00	30.62 -3.88 0.00	32.63 -4.13 0.00	34.28 -4.38 0.00	30.58 -5.11 0.24	39.41 -7.40 0.05	43.05 -8.22 0.00	33.89 -6.01 0.00	29.77 -4.66 0.00	30.11 -3.86 0.00	36.26 -4.28 0.00	32.98 -3.85 0.00	38.89 -4.42 0.00	39.23 -4.25 0.00	45.44 -5.20 0.00	47.66 -6.10 0.00	48.55 -5.68 0.00	41.41 -5.39 0.00	34.30 -4.11 0.00	34.46 -4.59 0.00	34.49 -4.84 0.00	30.28 -4.34 0.00	29.79 -3.90 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	49.03 2.03 0.00	39.88 1.69 0.00	36.16 1.66 0.00	38.51 1.75 0.00	40.48 1.82 0.00	37.95 2.01 0.00	49.53 2.68 0.00	54.42 3.15 0.00	42.30 2.39 0.00	36.59 2.16 0.00	36.32 2.34 -0.01	43.41 2.86 0.00	39.43 2.60 -0.01	46.06 2.74 0.00	45.98 2.50 0.00	53.48 2.84 0.00	56.92 3.17 0.00	57.17 2.96 0.00	49.76 2.96 0.00	40.95 2.54 0.00	41.66 2.61 0.00	41.95 2.62 0.00	36.77 2.15 0.00	35.60 1.91 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	49.91 2.91 0.00	40.54 2.35 0.00	36.77 2.27 0.00	39.17 2.41 0.00	41.20 2.54 0.00	38.63 2.69 0.00	50.58 3.73 0.00	55.52 4.25 0.00	43.12 3.21 0.00	37.25 2.81 0.00	36.95 2.97 -0.01	44.15 3.61 0.00	40.12 3.29 -0.01	46.88 3.57 0.00	46.77 3.28 0.00	54.43 3.79 0.00	57.96 4.20 0.00	58.20 3.98 0.00	50.61 3.80 0.00	41.62 3.22 0.00	42.37 3.32 0.00	42.66 3.34 0.00	37.41 2.79 0.00	36.18 2.49 0.00
PATROON__115KV_TB1 80586	46.94 -0.07 0.00	38.32 0.13 0.00	34.88 0.38 0.00	37.05 0.30 0.00	39.00 0.34 0.00	36.48 0.55 0.00	47.39 0.54 0.00	51.69 0.43 0.00	40.44 0.53 0.00	34.92 0.48 0.00	34.58 0.61 0.00	41.29 0.75 0.00	37.51 0.68 0.00	43.98 0.67 0.00	44.01 0.53 0.00	51.30 0.66 0.00	54.58 0.82 0.00	54.89 0.67 0.00	47.63 0.83 0.00	39.25 0.85 0.00	39.88 0.83 0.00	40.12 0.80 0.00	35.38 0.76 0.00	34.35 0.66 0.00
PATTRSNVILLE___SOLAR 323815	47.95 0.95 0.00	39.02 0.83 0.00	35.27 0.77 0.00	37.61 0.85 0.00	39.57 0.91 0.00	36.87 0.93 0.00	48.14 1.29 0.00	52.59 1.32 0.00	40.80 0.89 0.00	34.95 0.51 0.00	34.49 0.51 0.00	41.24 0.70 0.00	37.25 0.42 0.00	43.97 0.66 0.00	44.43 0.94 0.00	51.83 1.20 0.00	55.21 1.45 0.00	55.67 1.45 0.00	48.15 1.35 0.00	39.52 1.11 0.00	40.11 1.06 0.00	40.36 1.03 0.00	35.48 0.86 0.00	34.45 0.76 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	44.52 -2.48 0.00	35.79 -2.39 0.00	31.87 -2.63 0.00	33.95 -2.81 0.00	35.66 -3.01 0.00	32.01 -3.64 0.29	41.80 -4.99 0.06	45.92 -5.35 0.00	35.90 -4.00 0.00	31.19 -3.24 0.00	31.08 -2.89 0.00	37.38 -3.16 0.00	33.99 -2.84 0.00	40.11 -3.20 0.00	40.44 -3.04 0.00	46.82 -3.81 0.00	49.45 -4.31 0.00	50.40 -3.82 0.00	43.12 -3.68 0.00	35.61 -2.79 0.00	35.86 -3.20 0.00	35.89 -3.44 0.00	31.40 -3.22 0.00	30.72 -2.97 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	49.08 2.07 0.00	39.84 1.65 0.00	36.09 1.58 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.83 1.90 0.00	49.60 2.75 0.00	54.37 3.10 0.00	42.23 2.33 0.00	36.56 2.12 0.00	36.24 2.27 0.00	43.30 2.75 0.00	39.30 2.47 0.00	46.03 2.72 0.00	46.01 2.53 0.00	53.62 2.99 0.00	57.09 3.33 0.00	57.42 3.20 0.00	49.89 3.09 0.00	41.00 2.60 0.00	41.63 2.58 0.00	41.93 2.61 0.00	36.77 2.15 0.00	35.57 1.89 0.00
PEEKSKILL___ 23653	48.58 1.58 0.00	39.44 1.26 0.00	35.72 1.22 0.00	38.11 1.35 0.00	40.06 1.40 0.00	37.45 1.52 0.00	49.05 2.19 0.00	53.78 2.51 0.00	41.75 1.85 0.00	36.15 1.72 0.00	35.90 1.93 0.00	42.98 2.44 0.00	39.01 2.18 0.00	45.66 2.35 0.00	45.58 2.10 0.00	53.06 2.43 0.00	56.50 2.74 0.00	56.88 2.66 0.00	49.40 2.60 0.00	40.60 2.19 0.00	41.26 2.21 0.00	41.58 2.26 0.00	36.47 1.85 0.00	35.30 1.61 0.00
PGE MADISON___WINDPWR 24146	49.61 2.61 0.00	40.05 1.86 0.00	35.97 1.47 0.00	38.40 1.65 0.00	40.30 1.64 0.00	37.59 1.31 -0.35	48.80 1.88 -0.07	52.58 1.32 0.00	40.38 0.48 0.00	34.31 -0.12 0.00	33.42 -0.56 0.00	39.58 -0.95 0.00	36.31 -0.52 0.00	42.94 -0.37 0.00	43.57 0.09 0.00	50.76 0.12 0.00	54.12 0.36 0.00	55.05 0.83 0.00	47.16 0.35 0.00	38.70 0.29 0.00	39.20 0.15 0.00	39.35 0.02 0.00	34.68 0.06 0.00	33.73 0.05 0.00

PIERCEFIELD___HYD 23852	49.13 2.13 0.00	39.83 1.64 0.00	35.76 1.26 0.00	38.08 1.32 0.00	40.11 1.45 0.00	37.18 1.24 0.00	48.53 1.68 0.00	53.18 1.91 0.00	41.31 1.40 0.00	35.55 1.11 0.00	34.77 0.80 0.00	41.08 0.54 0.00	37.28 0.45 0.00	43.94 0.63 0.00	44.59 1.10 0.00	51.68 1.05 0.00	54.42 0.65 0.00	54.77 0.55 0.00	46.79 -0.01 0.00	38.22 -0.18 0.00	39.04 -0.01 0.00	39.68 0.35 0.00	35.28 0.65 0.00	34.36 0.67 0.00
PINELAWN_CC_1 323563	48.93 1.93 0.00	39.51 1.33 0.00	35.94 1.44 0.00	38.39 1.63 0.00	40.25 1.59 0.00	37.74 1.81 0.00	49.74 2.89 0.00	54.63 3.36 0.00	42.09 2.19 0.00	36.55 2.12 0.00	36.51 2.54 0.00	43.64 3.10 0.00	45.14 2.70 -5.61	45.84 2.53 0.00	45.85 2.37 0.00	53.61 2.97 0.00	64.57 3.53 -7.28	86.90 3.48 -29.20	59.69 3.30 -9.59	41.19 2.78 0.00	41.86 2.81 0.00	42.11 2.79 0.00	36.93 2.31 0.00	35.76 2.07 0.00
PJM_GEN_HTTP_PROXY 323702	49.01 2.00 0.00	39.77 1.58 0.00	36.04 1.54 0.00	38.42 1.67 0.00	40.39 1.73 0.00	37.81 1.87 0.00	49.51 2.65 0.00	54.34 3.08 0.00	42.20 2.29 0.00	36.57 2.14 0.00	36.33 2.35 0.00	43.48 2.94 0.00	39.07 2.63 0.39	45.65 2.84 0.49	46.10 2.62 0.00	53.59 2.96 0.00	57.06 3.30 0.00	57.35 3.13 0.00	49.83 3.03 0.00	40.96 2.55 0.00	41.62 2.58 0.00	41.94 2.61 0.00	36.76 2.14 0.00	35.58 1.90 0.00
PJM_GEN_KEystone 24065	46.13 -0.87 0.00	37.31 -0.88 0.00	33.57 -0.93 0.00	35.83 -0.93 0.00	37.63 -1.03 0.00	34.61 -1.15 0.17	45.39 -1.43 0.03	50.64 -1.49 -0.86	38.70 -1.20 0.00	33.55 -0.89 0.00	33.39 -0.58 0.00	40.10 -0.44 0.00	36.02 -0.41 0.40	42.23 -0.59 0.49	42.70 -0.78 0.00	48.59 -1.07 0.98	54.73 -1.16 -2.13	53.21 -1.01 0.00	46.02 -0.78 0.00	37.87 -0.54 0.00	38.41 -0.64 0.00	38.61 -0.71 0.00	33.86 -0.76 0.00	35.92 -0.77 -3.00
PJM_GEN_NEPTUNE_PROXY 323594	48.63 1.63 0.00	39.34 1.16 0.00	35.76 1.26 0.00	38.18 1.42 0.00	40.03 1.37 0.00	37.49 1.56 0.00	49.32 2.47 0.00	54.15 2.88 0.00	41.84 1.93 0.00	36.34 1.91 0.00	36.24 2.27 0.00	43.34 2.81 0.00	43.47 2.45 -4.19	45.18 2.36 0.49	45.66 2.18 0.00	53.23 2.59 0.00	62.79 3.03 -5.99	81.22 2.95 -24.05	57.55 2.85 -7.90	40.82 2.41 0.00	41.51 2.46 0.00	41.79 2.46 0.00	36.66 2.04 0.00	35.50 1.81 0.00
PJM_GEN_VFT_PROXY 323633	48.92 1.92 0.00	39.72 1.53 0.00	35.99 1.49 0.00	38.37 1.61 0.00	40.34 1.68 0.00	37.76 1.83 0.00	49.44 2.59 0.00	54.25 2.98 0.00	42.15 2.24 0.00	36.52 2.09 0.00	36.29 2.31 -0.01	43.44 2.91 0.00	39.04 2.60 0.39	45.61 2.79 0.49	46.02 2.54 0.00	53.44 2.81 0.00	56.92 3.16 0.00	57.22 3.00 0.00	49.75 2.95 0.00	40.89 2.48 0.00	41.56 2.51 0.00	41.88 2.55 0.00	36.72 2.10 0.00	35.54 1.85 0.00
PLATSBURG_115KV_PMLD1 355749	48.45 1.44 0.00	39.33 1.14 0.00	35.26 0.76 0.00	37.53 0.77 0.00	39.59 0.93 0.00	36.74 0.80 0.00	47.88 1.03 0.00	52.52 1.25 0.00	40.80 0.89 0.00	35.22 0.79 0.00	34.33 0.36 0.00	40.67 0.13 0.00	37.02 0.19 0.00	43.61 0.30 0.00	44.08 0.59 0.00	51.16 0.53 0.00	54.22 0.46 0.00	54.59 0.37 0.00	46.27 -0.53 0.00	37.62 -0.79 0.00	38.20 -0.85 0.00	38.65 -0.68 0.00	34.32 -0.30 0.00	33.56 -0.13 0.00
PLEASANTVLY___LBMP 24000	48.34 1.33 0.00	39.26 1.07 0.00	35.57 1.07 0.00	37.92 1.17 0.00	39.86 1.20 0.00	37.25 1.31 0.00	48.74 1.89 0.00	53.40 2.13 0.00	41.51 1.60 0.00	35.92 1.49 0.00	35.65 1.68 0.00	42.66 2.12 0.00	38.73 1.90 0.00	45.33 2.02 0.00	45.31 1.82 0.00	52.72 2.09 0.00	56.11 2.35 0.00	56.46 2.24 0.00	49.04 2.23 0.00	40.32 1.91 0.00	40.98 1.93 0.00	41.28 1.96 0.00	36.24 1.62 0.00	35.09 1.40 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	48.73 1.72 0.00	39.57 1.38 0.00	35.85 1.35 0.00	38.23 1.48 0.00	40.18 1.52 0.00	37.58 1.65 0.00	49.21 2.36 0.00	53.96 2.69 0.00	41.93 2.02 0.00	36.32 1.88 0.00	36.05 2.08 0.00	43.14 2.61 0.00	39.17 2.34 0.00	45.82 2.51 0.00	45.76 2.28 0.00	53.26 2.63 0.00	56.70 2.94 0.00	57.06 2.85 0.00	49.55 2.75 0.00	40.72 2.32 0.00	41.40 2.35 0.00	41.70 2.38 0.00	36.59 1.97 0.00	35.41 1.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	48.73 1.72 0.00	39.57 1.38 0.00	35.85 1.35 0.00	38.23 1.48 0.00	40.18 1.52 0.00	37.58 1.65 0.00	49.21 2.36 0.00	53.96 2.69 0.00	41.93 2.02 0.00	36.32 1.88 0.00	36.05 2.08 0.00	43.14 2.61 0.00	39.17 2.34 0.00	45.82 2.51 0.00	45.76 2.28 0.00	53.26 2.63 0.00	56.70 2.94 0.00	57.06 2.85 0.00	49.55 2.75 0.00	40.72 2.32 0.00	41.40 2.35 0.00	41.70 2.38 0.00	36.59 1.97 0.00	35.41 1.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	48.75 1.74 0.00	39.58 1.40 0.00	35.85 1.35 0.00	38.23 1.47 0.00	40.17 1.51 0.00	37.56 1.63 0.00	49.19 2.33 0.00	53.90 2.64 0.00	41.89 1.98 0.00	36.25 1.82 0.00	35.92 1.95 0.00	42.92 2.38 0.00	38.98 2.15 0.00	45.68 2.37 0.00	45.65 2.17 0.00	53.18 2.55 0.00	56.56 2.80 0.00	56.97 2.75 0.00	49.50 2.70 0.00	40.68 2.27 0.00	41.33 2.29 0.00	41.61 2.29 0.00	36.50 1.88 0.00	35.34 1.65 0.00
POLETTI_____ 23519	49.07 2.07 0.00	39.83 1.64 0.00	36.09 1.59 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.87 1.93 0.00	49.57 2.72 0.00	54.41 3.14 0.00	42.29 2.38 0.00	36.65 2.21 0.00	36.41 2.43 -0.01	43.57 3.03 0.00	39.56 2.73 -0.01	46.24 2.93 0.00	46.18 2.70 0.00	53.67 3.04 0.00	57.14 3.38 0.00	57.45 3.23 0.00	49.92 3.12 0.00	41.03 2.62 0.00	41.71 2.66 0.00	41.97 2.64 0.00	36.79 2.17 0.00	35.59 1.90 0.00
POMONA___ESR 323819	48.65 1.65 0.00	39.49 1.31 0.00	35.76 1.26 0.00	38.16 1.41 0.00	40.12 1.46 0.00	37.51 1.58 0.00	49.26 2.41 0.00	54.01 2.75 0.00	41.93 2.02 0.00	36.30 1.86 0.00	36.05 2.08 0.00	43.08 2.54 0.00	39.09 2.26 0.00	45.74 2.43 0.00	45.67 2.19 0.00	53.15 2.51 0.00	56.61 2.85 0.00	56.98 2.76 0.00	49.49 2.68 0.00	40.66 2.26 0.00	41.34 2.29 0.00	41.66 2.34 0.00	36.53 1.90 0.00	35.35 1.67 0.00
PORT_JEFF_3 23555	48.70 1.70 0.00	39.29 1.11 0.00	35.77 1.27 0.00	38.27 1.52 0.00	40.16 1.50 0.00	37.71 1.77 0.00	49.71 2.85 0.00	54.59 3.33 0.00	42.04 2.13 0.00	36.53 2.09 0.00	36.48 2.51 0.00	43.58 3.04 0.00	44.38 2.58 -4.97	45.68 2.37 0.00	45.70 2.22 0.00	53.30 2.66 0.00	63.47 3.28 -6.42	83.32 3.32 -25.78	58.39 3.12 -8.47	41.09 2.68 0.00	41.76 2.71 0.00	42.05 2.72 0.00	36.90 2.28 0.00	35.75 2.06 0.00
PORT_JEFF_4 23616	48.70 1.70 0.00	39.29 1.11 0.00	35.77 1.27 0.00	38.27 1.52 0.00	40.16 1.50 0.00	37.71 1.77 0.00	49.71 2.85 0.00	54.59 3.33 0.00	42.04 2.13 0.00	36.53 2.09 0.00	36.48 2.51 0.00	43.58 3.04 0.00	44.38 2.58 -4.97	45.68 2.37 0.00	45.70 2.22 0.00	53.30 2.66 0.00	63.47 3.28 -6.42	83.32 3.32 -25.78	58.39 3.12 -8.47	41.09 2.68 0.00	41.76 2.71 0.00	42.05 2.72 0.00	36.90 2.28 0.00	35.75 2.06 0.00

PORT_JEFF_IC 23713	48.74 1.74 0.00	39.32 1.13 0.00	35.79 1.29 0.00	38.29 1.54 0.00	40.19 1.53 0.00	37.74 1.81 0.00	49.76 2.91 0.00	54.66 3.39 0.00	42.09 2.18 0.00	36.56 2.13 0.00	36.52 2.55 0.00	43.62 3.09 0.00	44.44 2.61 -4.99	45.73 2.41 0.00	45.75 2.26 0.00	53.35 2.71 0.00	63.58 3.36 -6.46	83.56 3.42 -25.93	58.51 3.20 -8.52	41.15 2.74 0.00	41.82 2.77 0.00	42.10 2.77 0.00	36.95 2.33 0.00	35.78 2.10 0.00
PPL PILGRIM_ST_GT1 24216	49.04 2.04 0.00	39.57 1.39 0.00	35.99 1.49 0.00	38.47 1.72 0.00	40.35 1.69 0.00	37.87 1.93 0.00	49.91 3.06 0.00	54.83 3.56 0.00	42.20 2.29 0.00	36.65 2.22 0.00	36.62 2.65 0.00	43.80 3.26 0.00	44.79 2.84 -5.12	45.96 2.65 0.00	46.00 2.52 0.00	53.77 3.14 0.00	64.11 3.71 -6.64	84.41 3.56 -26.63	58.95 3.40 -8.75	41.31 2.90 0.00	42.01 2.96 0.00	42.26 2.94 0.00	37.04 2.42 0.00	35.87 2.18 0.00
PPL PILGRIM_ST_GT2 24217	49.04 2.04 0.00	39.57 1.39 0.00	35.99 1.49 0.00	38.47 1.72 0.00	40.35 1.69 0.00	37.87 1.93 0.00	49.91 3.06 0.00	54.83 3.56 0.00	42.20 2.29 0.00	36.65 2.22 0.00	36.62 2.65 0.00	43.80 3.26 0.00	44.79 2.84 -5.12	45.96 2.65 0.00	46.00 2.52 0.00	53.77 3.14 0.00	64.11 3.71 -6.64	84.41 3.56 -26.63	58.95 3.40 -8.75	41.31 2.90 0.00	42.01 2.96 0.00	42.26 2.94 0.00	37.04 2.42 0.00	35.87 2.18 0.00
PPL_SHRM_GT3 24213	48.76 1.76 0.00	39.31 1.13 0.00	35.84 1.34 0.00	38.41 1.65 0.00	40.34 1.68 0.00	37.92 1.99 0.00	50.09 3.24 0.00	55.04 3.77 0.00	42.30 2.40 0.00	36.72 2.28 0.00	36.67 2.69 0.00	43.73 3.19 0.00	44.45 2.64 -4.98	45.73 2.42 0.00	45.72 2.24 0.00	53.32 2.68 0.00	63.63 3.42 -6.44	83.59 3.51 -25.85	58.58 3.29 -8.49	41.21 2.80 0.00	41.87 2.82 0.00	42.14 2.82 0.00	36.98 2.37 0.00	35.79 2.10 0.00
PPL_SHRM_GT4 24214	48.76 1.76 0.00	39.31 1.13 0.00	35.84 1.34 0.00	38.41 1.65 0.00	40.34 1.68 0.00	37.92 1.99 0.00	50.09 3.24 0.00	55.04 3.77 0.00	42.30 2.40 0.00	36.72 2.28 0.00	36.67 2.69 0.00	43.73 3.19 0.00	44.45 2.64 -4.98	45.73 2.42 0.00	45.72 2.24 0.00	53.32 2.68 0.00	63.63 3.42 -6.44	83.59 3.51 -25.85	58.58 3.29 -8.49	41.21 2.80 0.00	41.87 2.82 0.00	42.14 2.82 0.00	36.98 2.37 0.00	35.79 2.10 0.00
PROJECT___ORANGE 1 24174	45.89 -1.11 0.00	37.25 -0.94 0.00	33.64 -0.86 0.00	35.83 -0.92 0.00	37.69 -0.97 0.00	35.00 -0.94 0.00	45.68 -1.17 0.00	50.01 -1.25 0.00	38.94 -0.96 0.00	33.60 -0.84 0.00	33.14 -0.83 0.00	39.66 -0.88 0.00	36.10 -0.73 0.00	42.47 -0.84 0.00	42.66 -0.83 0.00	49.65 -0.98 0.00	52.74 -1.02 0.00	53.24 -0.98 0.00	45.94 -0.86 0.00	37.74 -0.67 0.00	38.27 -0.77 0.00	38.45 -0.87 0.00	33.78 -0.84 0.00	32.91 -0.78 0.00
PROJECT___ORANGE 2 24166	45.89 -1.11 0.00	37.25 -0.94 0.00	33.64 -0.86 0.00	35.83 -0.92 0.00	37.69 -0.97 0.00	35.00 -0.94 0.00	45.68 -1.17 0.00	50.01 -1.25 0.00	38.94 -0.96 0.00	33.60 -0.84 0.00	33.14 -0.83 0.00	39.66 -0.88 0.00	36.10 -0.73 0.00	42.47 -0.84 0.00	42.66 -0.83 0.00	49.65 -0.98 0.00	52.74 -1.02 0.00	53.24 -0.98 0.00	45.94 -0.86 0.00	37.74 -0.67 0.00	38.27 -0.77 0.00	38.45 -0.87 0.00	33.78 -0.84 0.00	32.91 -0.78 0.00
PUCKETT___SOLAR 323809	47.46 0.46 0.00	38.42 0.23 0.00	34.59 0.09 0.00	36.90 0.15 0.00	38.80 0.14 0.00	35.89 -0.05 0.00	46.89 0.04 0.00	51.20 -0.06 0.00	39.68 -0.22 0.00	34.03 -0.40 0.00	33.52 -0.45 0.00	40.06 -0.48 0.00	36.38 -0.45 0.00	43.00 -0.31 0.00	43.26 -0.23 0.00	50.42 -0.21 0.00	53.68 -0.08 0.00	54.32 0.10 0.00	46.82 0.01 0.00	38.48 0.07 0.00	39.02 -0.03 0.00	39.16 -0.17 0.00	34.43 -0.19 0.00	33.52 -0.16 0.00
PYRITES___HYD 24023	49.88 2.88 0.00	40.42 2.23 0.00	36.30 1.79 0.00	38.63 1.88 0.00	40.70 2.04 0.00	37.75 1.82 0.00	49.35 2.50 0.00	54.09 2.82 0.00	41.95 2.05 0.00	36.09 1.65 0.00	35.32 1.34 0.00	41.64 1.10 0.00	37.85 1.02 0.00	44.33 1.02 0.00	45.37 1.89 0.00	52.78 2.15 0.00	55.63 1.87 0.00	56.13 1.91 0.00	47.95 1.15 0.00	39.16 0.76 0.00	39.93 0.88 0.00	40.49 1.17 0.00	35.94 1.32 0.00	34.99 1.30 0.00
QUAKERRD_115KV_BK1 80622	44.38 -2.63 0.00	35.88 -2.31 0.00	32.21 -2.30 0.00	34.31 -2.45 0.00	36.10 -2.56 0.00	33.10 -2.75 0.08	43.20 -3.63 0.02	47.40 -3.87 0.00	37.03 -2.87 0.00	32.01 -2.43 0.00	31.68 -2.30 0.00	38.06 -2.48 0.00	34.63 -2.20 0.00	40.78 -2.52 0.00	41.03 -2.45 0.00	47.68 -2.96 0.00	50.54 -3.22 0.00	51.25 -2.97 0.00	43.98 -2.82 0.00	36.21 -2.20 0.00	36.56 -2.49 0.00	36.62 -2.70 0.00	32.07 -2.55 0.00	31.29 -2.40 0.00
QUENSBRY_115KV_TB8 356137	48.43 1.43 0.00	39.61 1.42 0.00	36.01 1.51 0.00	38.41 1.66 0.00	40.34 1.68 0.00	37.79 1.85 0.00	49.20 2.35 0.00	53.62 2.35 0.00	41.67 1.77 0.00	35.78 1.34 0.00	35.49 1.51 0.00	42.62 2.08 0.00	38.34 1.51 0.00	45.21 1.90 0.00	45.38 1.90 0.00	52.85 2.22 0.00	56.57 2.81 0.00	56.77 2.55 0.00	49.36 2.56 0.00	40.49 2.08 0.00	40.79 1.74 0.00	40.91 1.58 0.00	36.00 1.38 0.00	34.91 1.22 0.00
RAMAPO___LBMP 323565	48.47 1.47 0.00	39.35 1.17 0.00	35.64 1.14 0.00	38.02 1.27 0.00	39.98 1.32 0.00	37.36 1.43 0.00	48.92 2.07 0.00	53.64 2.37 0.00	41.63 1.72 0.00	36.02 1.59 0.00	35.77 1.80 0.00	42.86 2.32 0.00	38.90 2.07 0.00	45.54 2.23 0.00	45.45 1.97 0.00	52.90 2.27 0.00	56.34 2.58 0.00	56.73 2.51 0.00	49.27 2.47 0.00	40.48 2.07 0.00	41.16 2.11 0.00	41.49 2.17 0.00	36.39 1.77 0.00	35.22 1.53 0.00
RANKINE____ 23646	44.51 -2.49 0.00	35.76 -2.42 0.00	31.83 -2.67 0.00	33.88 -2.87 0.00	35.60 -3.07 0.00	31.86 -3.79 0.28	41.47 -5.32 0.06	45.56 -5.71 0.00	35.63 -4.27 0.00	30.97 -3.47 0.00	30.88 -3.10 0.00	37.16 -3.37 0.00	33.79 -3.04 0.00	39.87 -3.44 0.00	40.23 -3.25 0.00	46.60 -4.04 0.00	49.16 -4.60 0.00	50.13 -4.09 0.00	42.88 -3.92 0.00	35.42 -2.99 0.00	35.64 -3.41 0.00	35.66 -3.66 0.00	31.23 -3.40 0.00	30.59 -3.09 0.00
RAVENSWOOD_GT2_1 24244	49.05 2.05 0.00	39.82 1.63 0.00	36.09 1.59 0.00	38.47 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.55 2.70 0.00	54.39 3.12 0.00	42.27 2.37 0.00	36.61 2.18 0.00	36.38 2.40 -0.01	43.53 2.99 0.00	39.52 2.69 -0.01	46.19 2.88 0.00	46.14 2.65 0.00	53.63 2.99 0.00	57.09 3.33 0.00	57.40 3.18 0.00	49.88 3.08 0.00	41.00 2.59 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.64 1.95 0.00
RAVENSWOOD_GT2_2 24245	49.05 2.05 0.00	39.82 1.63 0.00	36.09 1.59 0.00	38.47 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.55 2.70 0.00	54.39 3.12 0.00	42.27 2.37 0.00	36.61 2.18 0.00	36.38 2.40 -0.01	43.53 2.99 0.00	39.52 2.69 -0.01	46.19 2.88 0.00	46.14 2.65 0.00	53.63 2.99 0.00	57.09 3.33 0.00	57.40 3.18 0.00	49.88 3.08 0.00	41.00 2.59 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.64 1.95 0.00

RAVENSWOOD_GT2_3 24246	49.07 2.07 0.00	39.83 1.64 0.00	36.10 1.59 0.00	38.48 1.72 0.00	40.46 1.80 0.00	37.87 1.93 0.00	49.57 2.72 0.00	54.41 3.14 0.00	42.28 2.38 0.00	36.62 2.18 0.00	36.39 2.41 -0.01	43.55 3.01 0.00	39.54 2.70 -0.01	46.21 2.90 0.00	46.15 2.67 0.00	53.66 3.02 0.00	57.12 3.36 0.00	57.42 3.20 0.00	49.90 3.10 0.00	41.03 2.62 0.00	41.70 2.65 0.00	42.00 2.68 0.00	36.83 2.21 0.00	35.65 1.96 0.00
RAVENSWOOD_GT2_4 24247	49.07 2.07 0.00	39.83 1.64 0.00	36.10 1.59 0.00	38.48 1.72 0.00	40.46 1.80 0.00	37.87 1.93 0.00	49.57 2.72 0.00	54.41 3.14 0.00	42.28 2.38 0.00	36.62 2.18 0.00	36.39 2.41 -0.01	43.55 3.01 0.00	39.54 2.70 -0.01	46.21 2.90 0.00	46.15 2.67 0.00	53.66 3.02 0.00	57.12 3.36 0.00	57.42 3.20 0.00	49.90 3.10 0.00	41.03 2.62 0.00	41.70 2.65 0.00	42.00 2.68 0.00	36.83 2.21 0.00	35.65 1.96 0.00
RAVENSWOOD_GT3_1 24248	49.05 2.05 0.00	39.82 1.63 0.00	36.09 1.59 0.00	38.47 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.12 0.00	42.27 2.37 0.00	36.61 2.18 0.00	36.38 2.40 -0.01	43.53 2.99 0.00	39.52 2.69 -0.01	46.19 2.88 0.00	46.14 2.65 0.00	53.63 2.99 0.00	57.09 3.33 0.00	57.40 3.18 0.00	49.88 3.08 0.00	41.00 2.60 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.64 1.95 0.00
RAVENSWOOD_GT3_2 24249	49.05 2.05 0.00	39.82 1.63 0.00	36.09 1.59 0.00	38.47 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.12 0.00	42.27 2.37 0.00	36.61 2.18 0.00	36.38 2.40 -0.01	43.53 2.99 0.00	39.52 2.69 -0.01	46.19 2.88 0.00	46.14 2.65 0.00	53.63 2.99 0.00	57.09 3.33 0.00	57.40 3.18 0.00	49.88 3.08 0.00	41.00 2.60 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.64 1.95 0.00
RAVENSWOOD_GT3_3 24250	49.11 2.10 0.00	39.87 1.68 0.00	36.13 1.63 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.90 1.96 0.00	49.61 2.76 0.00	54.46 3.19 0.00	42.32 2.42 0.00	36.66 2.22 0.00	36.43 2.44 -0.01	43.60 3.06 0.00	39.58 2.75 -0.01	46.27 2.96 0.00	46.21 2.73 0.00	53.72 3.08 0.00	57.18 3.42 0.00	57.48 3.26 0.00	49.95 3.15 0.00	41.07 2.66 0.00	41.74 2.69 0.00	42.05 2.73 0.00	36.87 2.25 0.00	35.68 1.99 0.00
RAVENSWOOD_GT3_4 24251	49.11 2.10 0.00	39.87 1.68 0.00	36.13 1.63 0.00	38.51 1.76 0.00	40.48 1.82 0.00	37.90 1.96 0.00	49.61 2.76 0.00	54.46 3.19 0.00	42.32 2.42 0.00	36.66 2.22 0.00	36.43 2.44 -0.01	43.60 3.06 0.00	39.58 2.75 -0.01	46.27 2.96 0.00	46.21 2.73 0.00	53.72 3.08 0.00	57.18 3.42 0.00	57.48 3.26 0.00	49.95 3.15 0.00	41.07 2.66 0.00	41.74 2.69 0.00	42.05 2.73 0.00	36.87 2.25 0.00	35.68 1.99 0.00
RAVENSWOOD_GT_1 23729	49.12 2.12 0.00	39.91 1.72 0.00	36.17 1.67 0.00	38.55 1.79 0.00	40.52 1.86 0.00	37.95 2.01 0.00	49.64 2.79 0.00	54.47 3.21 0.00	42.39 2.48 0.00	36.71 2.28 0.00	36.48 2.50 -0.01	43.62 3.08 0.00	39.62 2.79 -0.01	46.28 2.97 0.00	46.22 2.74 0.00	53.70 3.07 0.00	57.13 3.37 0.00	57.38 3.16 0.00	49.91 3.11 0.00	41.05 2.64 0.00	41.75 2.70 0.00	42.06 2.73 0.00	36.88 2.26 0.00	35.69 2.00 0.00
RAVENSWOOD_GT_10 24258	49.05 2.05 0.00	39.82 1.63 0.00	36.09 1.58 0.00	38.47 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.55 2.70 0.00	54.39 3.12 0.00	42.27 2.36 0.00	36.61 2.18 0.00	36.38 2.40 -0.01	43.53 2.99 0.00	39.52 2.69 -0.01	46.19 2.88 0.00	46.14 2.65 0.00	53.63 2.99 0.00	57.09 3.33 0.00	57.40 3.18 0.00	49.88 3.08 0.00	41.00 2.60 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.64 1.95 0.00
RAVENSWOOD_GT_11 24259	49.05 2.05 0.00	39.82 1.63 0.00	36.09 1.58 0.00	38.47 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.55 2.70 0.00	54.39 3.12 0.00	42.27 2.36 0.00	36.61 2.18 0.00	36.38 2.40 -0.01	43.53 2.99 0.00	39.52 2.69 -0.01	46.19 2.88 0.00	46.14 2.65 0.00	53.63 2.99 0.00	57.09 3.33 0.00	57.40 3.18 0.00	49.88 3.08 0.00	41.00 2.60 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.64 1.95 0.00
RAVENSWOOD_GT_4 24252	49.06 2.06 0.00	39.83 1.65 0.00	36.10 1.59 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.87 1.94 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.29 2.38 0.00	36.62 2.19 0.00	36.40 2.42 -0.01	43.54 3.00 0.00	39.54 2.70 -0.01	46.21 2.90 0.00	46.14 2.65 0.00	53.63 3.00 0.00	57.09 3.33 0.00	57.37 3.15 0.00	49.88 3.08 0.00	41.01 2.60 0.00	41.69 2.64 0.00	41.99 2.67 0.00	36.83 2.20 0.00	35.64 1.95 0.00
RAVENSWOOD_GT_5 24254	49.06 2.06 0.00	39.83 1.65 0.00	36.10 1.59 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.87 1.94 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.29 2.38 0.00	36.62 2.19 0.00	36.40 2.42 -0.01	43.54 3.00 0.00	39.54 2.70 -0.01	46.21 2.90 0.00	46.14 2.65 0.00	53.63 3.00 0.00	57.09 3.33 0.00	57.37 3.15 0.00	49.88 3.08 0.00	41.01 2.60 0.00	41.69 2.64 0.00	41.99 2.67 0.00	36.83 2.20 0.00	35.64 1.95 0.00
RAVENSWOOD_GT_6 24253	49.06 2.06 0.00	39.83 1.65 0.00	36.10 1.59 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.87 1.94 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.29 2.38 0.00	36.62 2.19 0.00	36.40 2.42 -0.01	43.54 3.00 0.00	39.54 2.70 -0.01	46.21 2.90 0.00	46.14 2.65 0.00	53.63 3.00 0.00	57.09 3.33 0.00	57.37 3.15 0.00	49.88 3.08 0.00	41.01 2.60 0.00	41.69 2.64 0.00	41.99 2.67 0.00	36.83 2.20 0.00	35.64 1.95 0.00
RAVENSWOOD_GT_7 24255	49.06 2.06 0.00	39.83 1.65 0.00	36.10 1.59 0.00	38.47 1.72 0.00	40.45 1.79 0.00	37.87 1.94 0.00	49.56 2.71 0.00	54.39 3.13 0.00	42.29 2.38 0.00	36.62 2.19 0.00	36.40 2.42 -0.01	43.54 3.00 0.00	39.54 2.70 -0.01	46.21 2.90 0.00	46.14 2.65 0.00	53.63 3.00 0.00	57.09 3.33 0.00	57.37 3.15 0.00	49.88 3.08 0.00	41.01 2.60 0.00	41.69 2.64 0.00	41.99 2.67 0.00	36.83 2.20 0.00	35.64 1.95 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	49.05 2.05 0.00	39.82 1.63 0.00	36.09 1.58 0.00	38.47 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.55 2.70 0.00	54.39 3.12 0.00	42.27 2.36 0.00	36.61 2.18 0.00	36.38 2.40 -0.01	43.53 2.99 0.00	39.52 2.69 -0.01	46.19 2.88 0.00	46.14 2.65 0.00	53.63 2.99 0.00	57.09 3.33 0.00	57.40 3.18 0.00	49.88 3.08 0.00	41.00 2.60 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.64 1.95 0.00
RAVENSWOOD_GT_9 24257	49.05 2.05 0.00	39.82 1.63 0.00	36.09 1.58 0.00	38.47 1.71 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.55 2.70 0.00	54.39 3.12 0.00	42.27 2.36 0.00	36.61 2.18 0.00	36.38 2.40 -0.01	43.53 2.99 0.00	39.52 2.69 -0.01	46.19 2.88 0.00	46.14 2.65 0.00	53.63 2.99 0.00	57.09 3.33 0.00	57.40 3.18 0.00	49.88 3.08 0.00	41.00 2.60 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.64 1.95 0.00

RAVENSWOOD___1 23533	49.10 2.10 0.00	39.88 1.69 0.00	36.15 1.64 0.00	38.52 1.76 0.00	40.50 1.84 0.00	37.93 1.99 0.00	49.61 2.76 0.00	54.45 3.18 0.00	42.35 2.45 0.00	36.69 2.26 0.00	36.45 2.47 -0.01	43.60 3.06 0.00	39.60 2.76 -0.01	46.25 2.94 0.00	46.19 2.71 0.00	53.67 3.03 0.00	57.12 3.36 0.00	57.36 3.14 0.00	49.91 3.11 0.00	41.03 2.62 0.00	41.72 2.67 0.00	42.03 2.71 0.00	36.86 2.24 0.00	35.67 1.98 0.00
RAVENSWOOD___2 23534	49.08 2.08 0.00	39.85 1.67 0.00	36.13 1.62 0.00	38.49 1.74 0.00	40.47 1.81 0.00	37.90 1.96 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.32 2.41 0.00	36.67 2.23 0.00	36.44 2.46 -0.01	43.57 3.03 0.00	39.57 2.74 -0.01	46.23 2.92 0.00	46.17 2.69 0.00	53.64 3.01 0.00	57.08 3.32 0.00	57.33 3.11 0.00	49.89 3.09 0.00	41.02 2.61 0.00	41.71 2.66 0.00	42.01 2.69 0.00	36.84 2.22 0.00	35.65 1.96 0.00
RAVENSWOOD___3 23535	49.05 2.05 0.00	39.83 1.64 0.00	36.09 1.59 0.00	38.47 1.72 0.00	40.44 1.78 0.00	37.86 1.92 0.00	49.56 2.71 0.00	54.39 3.12 0.00	42.26 2.35 0.00	36.61 2.18 0.00	36.38 2.40 -0.01	43.53 2.99 0.00	39.52 2.68 -0.01	46.19 2.88 0.00	46.14 2.66 0.00	53.63 2.99 0.00	57.09 3.33 0.00	57.40 3.18 0.00	49.88 3.08 0.00	41.00 2.60 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.64 1.95 0.00
RAVENSWOOD___4 23820	49.08 2.08 0.00	39.85 1.67 0.00	36.13 1.62 0.00	38.49 1.74 0.00	40.47 1.81 0.00	37.90 1.96 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.32 2.41 0.00	36.67 2.23 0.00	36.44 2.46 -0.01	43.57 3.03 0.00	39.57 2.74 -0.01	46.23 2.92 0.00	46.17 2.69 0.00	53.64 3.01 0.00	57.08 3.32 0.00	57.33 3.11 0.00	49.89 3.09 0.00	41.02 2.61 0.00	41.71 2.66 0.00	42.01 2.69 0.00	36.84 2.22 0.00	35.65 1.96 0.00
RCPL_TRUST___DRP 24196	49.05 2.05 0.00	39.82 1.63 0.00	36.08 1.58 0.00	38.46 1.70 0.00	40.44 1.78 0.00	37.85 1.92 0.00	49.57 2.71 0.00	54.39 3.13 0.00	42.26 2.36 0.00	36.62 2.18 0.00	36.39 2.41 0.00	43.56 3.02 0.00	39.54 2.70 0.00	46.22 2.91 0.00	46.17 2.69 0.00	53.67 3.04 0.00	57.14 3.38 0.00	57.44 3.22 0.00	49.89 3.10 0.00	41.01 2.61 0.00	41.67 2.62 0.00	41.98 2.66 0.00	36.81 2.19 0.00	35.63 1.94 0.00
RED___ROCHESTER 323720	45.61 -1.39 0.00	36.81 -1.37 0.00	32.99 -1.52 0.00	35.14 -1.61 0.00	36.96 -1.70 0.00	33.74 -2.06 0.13	44.03 -2.80 0.03	48.39 -2.88 0.00	37.88 -2.02 0.00	32.74 -1.70 0.00	32.43 -1.55 0.00	39.00 -1.54 0.00	35.50 -1.33 0.00	41.84 -1.47 0.00	42.10 -1.38 0.00	48.87 -1.77 0.00	51.78 -1.99 0.00	52.59 -1.63 0.00	45.06 -1.74 0.00	37.12 -1.29 0.00	37.44 -1.61 0.00	37.46 -1.87 0.00	32.79 -1.83 0.00	31.99 -1.70 0.00
REGAN___SOLAR 323812	48.63 1.63 0.00	39.55 1.36 0.00	35.68 1.18 0.00	38.03 1.27 0.00	40.03 1.37 0.00	37.30 1.36 0.00	48.80 1.95 0.00	53.44 2.17 0.00	41.29 1.38 0.00	34.87 0.43 0.00	34.48 0.51 0.00	40.96 0.42 0.00	36.76 -0.07 0.00	44.14 0.83 0.00	44.95 1.46 0.00	52.46 1.83 0.00	55.94 2.18 0.00	56.50 2.28 0.00	48.74 1.94 0.00	39.95 1.54 0.00	40.48 1.43 0.00	40.70 1.38 0.00	35.77 1.15 0.00	34.72 1.03 0.00
RENSSELAER___COGEN 23796	46.74 -0.27 0.00	38.15 -0.04 0.00	34.73 0.22 0.00	36.90 0.15 0.00	38.82 0.15 0.00	36.30 0.37 0.00	47.13 0.28 0.00	51.43 0.16 0.00	40.19 0.28 0.00	34.72 0.28 0.00	34.38 0.41 0.00	41.03 0.49 0.00	37.27 0.44 0.00	43.69 0.38 0.00	43.73 0.25 0.00	50.95 0.32 0.00	54.20 0.44 0.00	54.55 0.33 0.00	47.34 0.54 0.00	39.02 0.61 0.00	39.66 0.62 0.00	39.91 0.58 0.00	35.17 0.55 0.00	34.18 0.49 0.00
REPUBLIC_115KV_BARTNBRK 55605	51.00 3.99 0.00	41.79 3.60 0.00	38.25 3.75 0.00	40.66 3.91 0.00	42.53 3.87 0.00	40.05 4.12 0.00	52.01 5.16 0.00	56.45 5.18 0.00	43.78 3.87 0.00	37.42 2.98 0.00	37.40 3.42 0.00	44.97 4.43 0.00	40.24 3.41 0.00	47.61 4.30 0.00	47.67 4.19 0.00	55.50 4.87 0.00	60.22 6.46 0.00	59.99 5.77 0.00	52.51 5.71 0.00	42.85 4.44 0.00	42.35 3.30 0.00	42.06 2.74 0.00	37.02 2.40 0.00	35.89 2.20 0.00
REVERE_CPPR_DRP 24186	48.30 1.30 0.00	39.23 1.04 0.00	35.43 0.92 0.00	37.76 1.00 0.00	39.75 1.08 0.00	37.05 1.11 0.00	48.52 1.67 0.00	52.99 1.73 0.00	41.12 1.21 0.00	35.30 0.87 0.00	34.55 0.58 0.00	40.99 0.45 0.00	37.50 0.67 0.00	44.46 1.15 0.00	44.81 1.33 0.00	52.11 1.48 0.00	55.51 1.75 0.00	55.82 1.60 0.00	48.14 1.34 0.00	39.45 1.04 0.00	40.04 0.99 0.00	40.22 0.89 0.00	35.30 0.68 0.00	34.24 0.55 0.00
REYNLDPA_13_KV_LD 356490	48.47 1.47 0.00	39.32 1.13 0.00	35.37 0.87 0.00	37.65 0.90 0.00	39.65 0.99 0.00	36.76 0.82 0.00	47.90 1.05 0.00	52.48 1.21 0.00	40.83 0.92 0.00	35.26 0.82 0.00	34.65 0.67 0.00	41.11 0.57 0.00	37.31 0.48 0.00	43.95 0.64 0.00	44.30 0.82 0.00	51.55 0.92 0.00	54.61 0.84 0.00	55.09 0.87 0.00	47.20 0.39 0.00	38.60 0.19 0.00	39.31 0.25 0.00	39.72 0.40 0.00	35.19 0.57 0.00	34.30 0.61 0.00
REYNOLDS_115KV_TB3 80639	46.98 -0.02 0.00	38.37 0.19 0.00	34.89 0.38 0.00	37.15 0.39 0.00	39.08 0.42 0.00	36.53 0.60 0.00	47.44 0.59 0.00	51.72 0.45 0.00	40.42 0.52 0.00	34.87 0.43 0.00	34.53 0.56 0.00	41.29 0.76 0.00	37.47 0.64 0.00	43.96 0.65 0.00	43.99 0.51 0.00	51.28 0.64 0.00	54.52 0.76 0.00	54.83 0.62 0.00	47.63 0.83 0.00	39.25 0.85 0.00	39.93 0.88 0.00	40.18 0.86 0.00	35.37 0.75 0.00	34.35 0.67 0.00
RIVERBAY____ 323610	49.91 2.91 0.00	40.54 2.35 0.00	36.77 2.27 0.00	39.17 2.41 0.00	41.20 2.54 0.00	38.63 2.69 0.00	50.58 3.73 0.00	55.52 4.25 0.00	43.12 3.21 0.00	37.25 2.81 0.00	36.95 2.97 -0.01	44.15 3.61 0.00	40.12 3.29 -0.01	46.88 3.57 0.00	46.77 3.28 0.00	54.43 3.79 0.00	57.96 4.20 0.00	58.20 3.98 0.00	50.61 3.80 0.00	41.62 3.22 0.00	42.37 3.32 0.00	42.66 3.34 0.00	37.41 2.79 0.00	36.18 2.49 0.00
RIVERSDE_115KV_TB3 55908	46.89 -0.12 0.00	38.29 0.10 0.00	34.84 0.33 0.00	37.04 0.29 0.00	38.97 0.31 0.00	36.45 0.51 0.00	47.32 0.47 0.00	51.62 0.35 0.00	40.36 0.45 0.00	34.84 0.40 0.00	34.50 0.52 0.00	41.21 0.67 0.00	37.41 0.58 0.00	43.88 0.57 0.00	43.91 0.43 0.00	51.18 0.54 0.00	54.43 0.67 0.00	54.76 0.54 0.00	47.53 0.73 0.00	39.18 0.77 0.00	39.83 0.78 0.00	40.07 0.75 0.00	35.30 0.68 0.00	34.30 0.61 0.00
ROARING___BROOK_WT_PWR 323790	47.24 0.24 0.00	38.35 0.16 0.00	34.58 0.08 0.00	36.86 0.10 0.00	38.65 -0.01 0.00	35.89 -0.04 0.00	46.71 -0.14 0.00	50.88 -0.39 0.00	39.41 -0.49 0.00	33.82 -0.62 0.00	33.09 -0.88 0.00	39.35 -1.19 0.00	35.75 -1.07 0.00	42.06 -1.25 0.00	42.27 -1.21 0.00	49.21 -1.42 0.00	52.25 -1.51 0.00	52.66 -1.56 0.00	45.39 -1.41 0.00	37.24 -1.16 0.00	37.92 -1.13 0.00	38.26 -1.06 0.00	33.72 -0.90 0.00	32.94 -0.74 0.00

ROCHESRG_115KV_T4 355643	45.16 -1.84 0.00	36.48 -1.71 0.00	32.68 -1.82 0.00	34.81 -1.94 0.00	36.63 -2.04 0.00	33.41 -2.40 0.13	43.54 -3.28 0.03	47.82 -3.45 0.00	37.42 -2.49 0.00	32.39 -2.05 0.00	32.08 -1.89 0.00	38.54 -2.00 0.00	35.07 -1.76 0.00	41.32 -1.99 0.00	41.58 -1.90 0.00	48.27 -2.37 0.00	51.13 -2.63 0.00	51.92 -2.30 0.00	44.50 -2.30 0.00	36.67 -1.73 0.00	36.99 -2.06 0.00	37.04 -2.29 0.00	32.45 -2.17 0.00	31.69 -2.00 0.00
ROCHESTER_9_IC 23652	45.42 -1.58 0.00	36.67 -1.52 0.00	32.85 -1.65 0.00	35.00 -1.76 0.00	36.81 -1.85 0.00	33.58 -2.22 0.13	43.81 -3.01 0.03	48.13 -3.14 0.00	37.66 -2.25 0.00	32.58 -1.85 0.00	32.26 -1.71 0.00	38.79 -1.75 0.00	35.31 -1.52 0.00	41.60 -1.71 0.00	41.87 -1.61 0.00	48.61 -2.03 0.00	51.48 -2.28 0.00	52.29 -1.93 0.00	44.80 -2.00 0.00	36.91 -1.49 0.00	37.23 -1.82 0.00	37.26 -2.06 0.00	32.63 -1.99 0.00	31.86 -1.83 0.00
ROCKVIEW_13_KV_LD 356306	48.94 1.94 0.00	39.70 1.52 0.00	35.97 1.47 0.00	38.36 1.60 0.00	40.31 1.65 0.00	37.75 1.81 0.00	49.47 2.62 0.00	54.27 3.00 0.00	42.16 2.25 0.00	36.53 2.10 0.00	36.28 2.31 0.00	43.43 2.89 0.00	39.42 2.59 0.00	46.10 2.79 0.00	46.05 2.57 0.00	53.57 2.93 0.00	57.04 3.28 0.00	57.40 3.18 0.00	49.84 3.04 0.00	40.96 2.56 0.00	41.62 2.58 0.00	41.94 2.61 0.00	36.78 2.16 0.00	35.58 1.90 0.00
ROME____115KV_TB2 80656	48.30 1.30 0.00	39.23 1.04 0.00	35.43 0.92 0.00	37.76 1.00 0.00	39.75 1.08 0.00	37.05 1.11 0.00	48.52 1.67 0.00	52.99 1.73 0.00	41.12 1.21 0.00	35.30 0.87 0.00	34.55 0.58 0.00	40.99 0.45 0.00	37.50 0.67 0.00	44.46 1.15 0.00	44.81 1.33 0.00	52.11 1.48 0.00	55.51 1.75 0.00	55.82 1.60 0.00	48.14 1.34 0.00	39.45 1.04 0.00	40.04 0.99 0.00	40.22 0.89 0.00	35.30 0.68 0.00	34.24 0.55 0.00
ROSETON___1 23587	48.32 1.32 0.00	39.25 1.06 0.00	35.55 1.05 0.00	37.91 1.16 0.00	39.85 1.19 0.00	37.23 1.30 0.00	48.68 1.83 0.00	53.34 2.07 0.00	41.47 1.56 0.00	35.91 1.47 0.00	35.62 1.64 0.00	42.62 2.08 0.00	38.69 1.87 0.00	45.30 1.99 0.00	45.27 1.79 0.00	52.69 2.06 0.00	56.04 2.28 0.00	56.40 2.18 0.00	49.00 2.19 0.00	40.30 1.89 0.00	40.96 1.91 0.00	41.27 1.95 0.00	36.21 1.59 0.00	35.09 1.40 0.00
ROSETON___2 23588	48.32 1.32 0.00	39.25 1.06 0.00	35.55 1.05 0.00	37.91 1.16 0.00	39.85 1.19 0.00	37.23 1.30 0.00	48.68 1.83 0.00	53.34 2.07 0.00	41.47 1.56 0.00	35.91 1.47 0.00	35.62 1.64 0.00	42.62 2.08 0.00	38.69 1.87 0.00	45.30 1.99 0.00	45.27 1.79 0.00	52.69 2.06 0.00	56.04 2.28 0.00	56.40 2.18 0.00	49.00 2.19 0.00	40.30 1.89 0.00	40.96 1.91 0.00	41.27 1.95 0.00	36.21 1.59 0.00	35.09 1.40 0.00
ROTRDAM_115KV_TB3 80664	47.69 0.69 0.00	38.83 0.64 0.00	35.16 0.66 0.00	37.50 0.74 0.00	39.44 0.78 0.00	36.77 0.83 0.00	47.94 1.09 0.00	52.37 1.10 0.00	40.77 0.86 0.00	35.09 0.65 0.00	34.69 0.72 0.00	41.53 0.99 0.00	37.61 0.78 0.00	44.24 0.93 0.00	44.41 0.93 0.00	51.77 1.13 0.00	55.08 1.32 0.00	55.48 1.26 0.00	48.05 1.25 0.00	39.49 1.08 0.00	40.11 1.06 0.00	40.35 1.02 0.00	35.47 0.85 0.00	34.45 0.76 0.00
RUSSELL___1 23602	45.61 -1.39 0.00	36.81 -1.38 0.00	32.98 -1.52 0.00	35.14 -1.61 0.00	36.96 -1.71 0.00	33.73 -2.07 0.13	44.03 -2.80 0.03	48.39 -2.88 0.00	37.86 -2.05 0.00	32.74 -1.69 0.00	32.42 -1.55 0.00	38.99 -1.55 0.00	35.50 -1.33 0.00	41.83 -1.48 0.00	42.10 -1.38 0.00	48.87 -1.77 0.00	51.78 -1.98 0.00	52.59 -1.63 0.00	45.06 -1.74 0.00	37.12 -1.29 0.00	37.44 -1.61 0.00	37.45 -1.87 0.00	32.78 -1.84 0.00	32.00 -1.69 0.00
RUSSELL___2 23532	45.61 -1.39 0.00	36.81 -1.38 0.00	32.98 -1.52 0.00	35.14 -1.61 0.00	36.96 -1.71 0.00	33.73 -2.07 0.13	44.03 -2.80 0.03	48.39 -2.88 0.00	37.86 -2.05 0.00	32.74 -1.69 0.00	32.42 -1.55 0.00	38.99 -1.55 0.00	35.50 -1.33 0.00	41.83 -1.48 0.00	42.10 -1.38 0.00	48.87 -1.77 0.00	51.78 -1.98 0.00	52.59 -1.63 0.00	45.06 -1.74 0.00	37.12 -1.29 0.00	37.44 -1.61 0.00	37.45 -1.87 0.00	32.78 -1.84 0.00	32.00 -1.69 0.00
RUSSELL___3 23549	45.61 -1.39 0.00	36.81 -1.38 0.00	32.98 -1.52 0.00	35.14 -1.61 0.00	36.96 -1.71 0.00	33.73 -2.07 0.13	44.03 -2.80 0.03	48.39 -2.88 0.00	37.86 -2.05 0.00	32.74 -1.69 0.00	32.42 -1.55 0.00	38.99 -1.55 0.00	35.50 -1.33 0.00	41.83 -1.48 0.00	42.10 -1.38 0.00	48.87 -1.77 0.00	51.78 -1.98 0.00	52.59 -1.63 0.00	45.06 -1.74 0.00	37.12 -1.29 0.00	37.44 -1.61 0.00	37.45 -1.87 0.00	32.78 -1.84 0.00	32.00 -1.69 0.00
RUSSELL___4 23556	45.61 -1.39 0.00	36.81 -1.38 0.00	32.98 -1.52 0.00	35.14 -1.61 0.00	36.96 -1.71 0.00	33.73 -2.07 0.13	44.03 -2.80 0.03	48.39 -2.88 0.00	37.86 -2.05 0.00	32.74 -1.69 0.00	32.42 -1.55 0.00	38.99 -1.55 0.00	35.50 -1.33 0.00	41.83 -1.48 0.00	42.10 -1.38 0.00	48.87 -1.77 0.00	51.78 -1.98 0.00	52.59 -1.63 0.00	45.06 -1.74 0.00	37.12 -1.29 0.00	37.44 -1.61 0.00	37.45 -1.87 0.00	32.78 -1.84 0.00	32.00 -1.69 0.00
RUSSELL___STATION 23914	45.61 -1.39 0.00	36.81 -1.38 0.00	32.98 -1.52 0.00	35.14 -1.61 0.00	36.96 -1.71 0.00	33.73 -2.07 0.13	44.03 -2.80 0.03	48.39 -2.88 0.00	37.86 -2.05 0.00	32.74 -1.69 0.00	32.42 -1.55 0.00	38.99 -1.55 0.00	35.50 -1.33 0.00	41.83 -1.48 0.00	42.10 -1.38 0.00	48.87 -1.77 0.00	51.78 -1.98 0.00	52.59 -1.63 0.00	45.06 -1.74 0.00	37.12 -1.29 0.00	37.44 -1.61 0.00	37.45 -1.87 0.00	32.78 -1.84 0.00	32.00 -1.69 0.00
S SALMON___HYD 24043	46.37 -0.63 0.00	37.60 -0.59 0.00	33.87 -0.63 0.00	36.04 -0.71 0.00	37.90 -0.77 0.00	35.15 -0.79 0.00	45.87 -0.98 0.00	50.15 -1.12 0.00	39.01 -0.89 0.00	33.44 -0.99 0.00	32.77 -1.20 0.00	39.00 -1.54 0.00	35.32 -1.51 0.00	41.93 -1.38 0.00	42.33 -1.15 0.00	49.20 -1.44 0.00	52.19 -1.57 0.00	52.70 -1.52 0.00	45.45 -1.35 0.00	37.35 -1.05 0.00	37.88 -1.17 0.00	38.12 -1.20 0.00	33.57 -1.05 0.00	32.65 -1.04 0.00
S.PERRY__115KV_TB1 80734	46.61 -0.39 0.00	37.54 -0.64 0.00	33.49 -1.01 0.00	35.58 -1.17 0.00	37.42 -1.25 0.00	33.81 -1.69 0.43	44.41 -2.36 0.08	48.72 -2.55 0.00	37.85 -2.05 0.00	32.20 -2.23 0.00	31.74 -2.23 0.00	38.47 -2.07 0.00	35.18 -1.65 0.00	41.69 -1.62 0.00	42.26 -1.22 0.00	48.92 -1.72 0.00	51.95 -1.81 0.00	52.94 -1.28 0.00	45.37 -1.43 0.00	37.44 -0.97 0.00	37.76 -1.29 0.00	37.65 -1.68 0.00	32.96 -1.66 0.00	32.20 -1.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	44.13 -2.87 0.00	35.49 -2.70 0.00	31.58 -2.92 0.00	33.64 -3.12 0.00	35.34 -3.33 0.00	31.63 -4.06 0.25	41.09 -5.71 0.05	45.17 -6.09 0.00	35.42 -4.48 0.00	30.83 -3.60 0.00	30.72 -3.25 0.00	36.96 -3.58 0.00	33.61 -3.22 0.00	39.64 -3.68 0.00	39.99 -3.49 0.00	46.32 -4.32 0.00	48.84 -4.92 0.00	49.80 -4.42 0.00	42.56 -4.25 0.00	35.18 -3.23 0.00	35.38 -3.67 0.00	35.40 -3.92 0.00	31.00 -3.62 0.00	30.40 -3.29 0.00

SAWYER___23_KV_LOAD 55526	44.13 -2.87 0.00	35.49 -2.70 0.00	31.58 -2.92 0.00	33.64 -3.12 0.00	35.34 -3.33 0.00	31.63 -4.06 0.25	41.09 -5.71 0.05	45.17 -6.09 0.00	35.42 -4.48 0.00	30.83 -3.60 0.00	30.72 -3.25 0.00	36.96 -3.58 0.00	33.61 -3.22 0.00	39.64 -3.68 0.00	39.99 -3.49 0.00	46.32 -4.32 0.00	48.84 -4.92 0.00	49.80 -4.42 0.00	42.56 -4.25 0.00	35.18 -3.23 0.00	35.38 -3.67 0.00	35.40 -3.92 0.00	31.00 -3.62 0.00	30.40 -3.29 0.00
SELKIRK___I 23801	47.34 0.34 0.00	38.59 0.41 0.00	35.05 0.54 0.00	37.30 0.55 0.00	39.25 0.58 0.00	36.62 0.69 0.00	47.50 0.65 0.00	51.81 0.55 0.00	40.48 0.57 0.00	34.94 0.51 0.00	34.59 0.62 0.00	41.24 0.70 0.00	37.44 0.61 0.00	43.90 0.59 0.00	43.93 0.45 0.00	51.26 0.62 0.00	54.55 0.79 0.00	54.92 0.70 0.00	47.62 0.82 0.00	39.20 0.80 0.00	39.86 0.81 0.00	40.11 0.79 0.00	35.32 0.70 0.00	34.33 0.64 0.00
SELKIRK___II 23799	47.07 0.06 0.00	38.38 0.20 0.00	34.86 0.36 0.00	37.08 0.33 0.00	39.02 0.35 0.00	36.43 0.49 0.00	47.36 0.51 0.00	51.72 0.45 0.00	40.36 0.45 0.00	34.85 0.42 0.00	34.50 0.53 0.00	41.20 0.66 0.00	37.42 0.59 0.00	43.88 0.57 0.00	43.92 0.44 0.00	51.18 0.55 0.00	54.46 0.70 0.00	54.82 0.60 0.00	47.53 0.73 0.00	39.15 0.74 0.00	39.80 0.75 0.00	40.05 0.73 0.00	35.26 0.64 0.00	34.26 0.57 0.00
SENECA OSWGO___HYD 24041	45.46 -1.54 0.00	36.92 -1.27 0.00	33.35 -1.16 0.00	35.52 -1.24 0.00	37.35 -1.31 0.00	34.70 -1.24 0.00	45.26 -1.59 0.00	49.55 -1.72 0.00	38.59 -1.32 0.00	33.28 -1.16 0.00	32.80 -1.18 0.00	39.22 -1.32 0.00	35.69 -1.14 0.00	42.02 -1.30 0.00	42.20 -1.29 0.00	49.13 -1.50 0.00	52.13 -1.63 0.00	52.66 -1.56 0.00	45.44 -1.36 0.00	37.33 -1.07 0.00	37.87 -1.18 0.00	38.06 -1.26 0.00	33.45 -1.17 0.00	32.59 -1.10 0.00
SENECA___115KV_TB3 355854	44.59 -2.42 0.00	35.83 -2.36 0.00	31.88 -2.62 0.00	33.94 -2.81 0.00	35.65 -3.01 0.00	31.93 -3.73 0.28	41.54 -5.26 0.06	45.65 -5.62 0.00	35.73 -4.18 0.00	31.02 -3.41 0.00	30.93 -3.04 0.00	37.25 -3.29 0.00	33.85 -2.98 0.00	39.96 -3.35 0.00	40.30 -3.18 0.00	46.69 -3.95 0.00	49.26 -4.50 0.00	50.22 -4.00 0.00	42.96 -3.84 0.00	35.48 -2.93 0.00	35.70 -3.35 0.00	35.73 -3.60 0.00	31.29 -3.33 0.00	30.65 -3.04 0.00
SENECA___ENERGY 23797	45.97 -1.03 0.00	37.20 -0.99 0.00	33.52 -0.98 0.00	35.73 -1.03 0.00	37.54 -1.12 0.00	34.85 -1.15 -0.06	45.46 -1.41 -0.01	49.73 -1.54 0.00	38.56 -1.35 0.00	33.35 -1.08 0.00	32.88 -1.09 0.00	39.57 -0.97 0.00	36.01 -0.82 0.00	42.40 -0.91 0.00	42.62 -0.86 0.00	49.62 -1.02 0.00	52.67 -1.09 0.00	53.30 -0.92 0.00	45.91 -0.90 0.00	37.72 -0.69 0.00	38.11 -0.94 0.00	38.26 -1.06 0.00	33.51 -1.11 0.00	32.66 -1.03 0.00
SHOEMAKER___GT 23640	48.38 1.38 0.00	39.29 1.10 0.00	35.57 1.06 0.00	37.92 1.17 0.00	39.88 1.21 0.00	37.23 1.30 0.00	48.69 1.84 0.00	53.33 2.06 0.00	41.41 1.50 0.00	35.82 1.38 0.00	35.45 1.48 0.00	42.36 1.82 0.00	38.49 1.66 0.00	45.14 1.83 0.00	45.14 1.66 0.00	52.64 2.01 0.00	56.02 2.26 0.00	56.47 2.25 0.00	48.99 2.19 0.00	40.25 1.85 0.00	40.91 1.86 0.00	41.21 1.89 0.00	36.17 1.55 0.00	35.03 1.34 0.00
SHOEMAKR_138KV_BK 111 55601	48.36 1.35 0.00	39.27 1.08 0.00	35.54 1.04 0.00	37.90 1.15 0.00	39.86 1.20 0.00	37.21 1.28 0.00	48.68 1.83 0.00	53.32 2.05 0.00	41.40 1.50 0.00	35.82 1.38 0.00	35.47 1.49 0.00	42.40 1.86 0.00	38.51 1.69 0.00	45.16 1.85 0.00	45.16 1.68 0.00	52.63 1.99 0.00	56.01 2.25 0.00	56.43 2.22 0.00	48.96 2.16 0.00	40.24 1.83 0.00	40.89 1.84 0.00	41.19 1.87 0.00	36.15 1.53 0.00	35.02 1.33 0.00
SHOREHAM_IC_1 23715	48.76 1.76 0.00	39.31 1.13 0.00	35.84 1.34 0.00	38.41 1.65 0.00	40.34 1.68 0.00	37.92 1.99 0.00	50.09 3.24 0.00	55.04 3.77 0.00	42.30 2.40 0.00	36.72 2.28 0.00	36.67 2.69 0.00	43.73 3.19 0.00	44.45 2.64 -4.98	45.73 2.42 0.00	45.72 2.24 0.00	53.32 2.68 0.00	63.63 3.42 -6.44	83.59 3.51 -25.85	58.58 3.29 -8.49	41.21 2.80 0.00	41.87 2.82 0.00	42.14 2.82 0.00	36.98 2.37 0.00	35.79 2.10 0.00
SHOREHAM_IC_2 23716	48.76 1.76 0.00	39.31 1.13 0.00	35.84 1.34 0.00	38.41 1.65 0.00	40.34 1.67 0.00	37.93 1.99 0.00	50.09 3.24 0.00	55.04 3.77 0.00	42.31 2.40 0.00	36.72 2.28 0.00	36.66 2.69 0.00	43.73 3.19 0.00	44.44 2.63 -4.98	45.74 2.43 0.00	45.72 2.24 0.00	53.31 2.68 0.00	63.63 3.43 -6.44	83.58 3.51 -25.85	58.58 3.29 -8.49	41.21 2.80 0.00	41.87 2.82 0.00	42.14 2.82 0.00	36.98 2.36 0.00	35.79 2.10 0.00
SISSONVILLE____ 23735	49.13 2.13 0.00	39.83 1.64 0.00	35.76 1.26 0.00	38.08 1.32 0.00	40.11 1.45 0.00	37.18 1.24 0.00	48.53 1.68 0.00	53.18 1.91 0.00	41.31 1.40 0.00	35.55 1.11 0.00	34.77 0.80 0.00	41.08 0.54 0.00	37.28 0.45 0.00	43.94 0.63 0.00	44.59 1.10 0.00	51.68 1.05 0.00	54.42 0.65 0.00	54.77 0.55 0.00	46.79 -0.01 0.00	38.22 -0.18 0.00	39.04 -0.01 0.00	39.68 0.35 0.00	35.28 0.65 0.00	34.36 0.67 0.00
SITHE_IND_GS1 24169	45.03 -1.97 0.00	36.57 -1.62 0.00	33.04 -1.46 0.00	35.19 -1.56 0.00	36.99 -1.67 0.00	34.35 -1.59 0.00	44.78 -2.07 0.00	49.00 -2.26 0.00	38.18 -1.73 0.00	32.94 -1.50 0.00	32.50 -1.48 0.00	38.84 -1.70 0.00	35.32 -1.51 0.00	41.55 -1.76 0.00	41.73 -1.75 0.00	48.58 -2.06 0.00	51.58 -2.18 0.00	52.08 -2.14 0.00	44.93 -1.87 0.00	36.91 -1.50 0.00	37.45 -1.60 0.00	37.67 -1.66 0.00	33.14 -1.48 0.00	32.31 -1.37 0.00
SITHE_IND_GS2 24170	45.03 -1.97 0.00	36.57 -1.62 0.00	33.04 -1.46 0.00	35.19 -1.56 0.00	36.99 -1.67 0.00	34.35 -1.59 0.00	44.78 -2.07 0.00	49.00 -2.26 0.00	38.18 -1.73 0.00	32.94 -1.50 0.00	32.50 -1.48 0.00	38.84 -1.70 0.00	35.32 -1.51 0.00	41.55 -1.76 0.00	41.73 -1.75 0.00	48.58 -2.06 0.00	51.58 -2.18 0.00	52.08 -2.14 0.00	44.93 -1.87 0.00	36.91 -1.50 0.00	37.45 -1.60 0.00	37.67 -1.66 0.00	33.14 -1.48 0.00	32.31 -1.37 0.00
SITHE_IND_GS3 24171	45.03 -1.97 0.00	36.57 -1.62 0.00	33.04 -1.46 0.00	35.19 -1.56 0.00	36.99 -1.67 0.00	34.35 -1.59 0.00	44.78 -2.07 0.00	49.00 -2.26 0.00	38.18 -1.73 0.00	32.94 -1.50 0.00	32.50 -1.48 0.00	38.84 -1.70 0.00	35.32 -1.51 0.00	41.55 -1.76 0.00	41.73 -1.75 0.00	48.58 -2.06 0.00	51.58 -2.18 0.00	52.08 -2.14 0.00	44.93 -1.87 0.00	36.91 -1.50 0.00	37.45 -1.60 0.00	37.67 -1.66 0.00	33.14 -1.48 0.00	32.31 -1.37 0.00
SITHE_IND_GS4 24172	45.03 -1.97 0.00	36.57 -1.62 0.00	33.04 -1.46 0.00	35.19 -1.56 0.00	36.99 -1.67 0.00	34.35 -1.59 0.00	44.78 -2.07 0.00	49.00 -2.26 0.00	38.18 -1.73 0.00	32.94 -1.50 0.00	32.50 -1.48 0.00	38.84 -1.70 0.00	35.32 -1.51 0.00	41.55 -1.76 0.00	41.73 -1.75 0.00	48.58 -2.06 0.00	51.58 -2.18 0.00	52.08 -2.14 0.00	44.93 -1.87 0.00	36.91 -1.50 0.00	37.45 -1.60 0.00	37.67 -1.66 0.00	33.14 -1.48 0.00	32.31 -1.37 0.00

SITHE___BATAVIA 24024	45.54 -1.46 0.00	36.68 -1.50 0.00	32.71 -1.79 0.00	34.84 -1.91 0.00	36.65 -2.01 0.00	33.07 -2.68 0.19	43.05 -3.77 0.04	47.41 -3.86 0.00	37.17 -2.74 0.00	32.10 -2.33 0.00	31.69 -2.29 0.00	38.20 -2.34 0.00	34.97 -1.86 0.00	41.35 -1.96 0.00	41.76 -1.73 0.00	48.37 -2.27 0.00	51.04 -2.72 0.00	52.02 -2.20 0.00	44.44 -2.36 0.00	36.67 -1.74 0.00	36.89 -2.16 0.00	36.86 -2.46 0.00	32.19 -2.42 0.00	31.49 -2.20 0.00
SITHE___INDEPEND 23800	45.03 -1.97 0.00	36.56 -1.62 0.00	33.04 -1.46 0.00	35.19 -1.57 0.00	36.99 -1.67 0.00	34.35 -1.59 0.00	44.78 -2.07 0.00	49.00 -2.27 0.00	38.17 -1.73 0.00	32.94 -1.49 0.00	32.49 -1.48 0.00	38.83 -1.71 0.00	35.32 -1.51 0.00	41.55 -1.76 0.00	41.73 -1.75 0.00	48.58 -2.06 0.00	51.59 -2.17 0.00	52.08 -2.14 0.00	44.93 -1.87 0.00	36.91 -1.50 0.00	37.45 -1.60 0.00	37.67 -1.65 0.00	33.13 -1.49 0.00	32.31 -1.37 0.00
SITHE___MASSENA 23902	48.72 1.71 0.00	39.51 1.32 0.00	35.53 1.03 0.00	37.83 1.08 0.00	39.83 1.17 0.00	36.93 0.99 0.00	48.13 1.28 0.00	52.74 1.48 0.00	41.03 1.12 0.00	35.40 0.97 0.00	34.76 0.79 0.00	41.21 0.67 0.00	37.41 0.58 0.00	44.05 0.74 0.00	44.47 0.99 0.00	51.73 1.09 0.00	54.76 1.00 0.00	55.22 1.01 0.00	47.28 0.48 0.00	38.66 0.25 0.00	39.37 0.32 0.00	39.83 0.51 0.00	35.30 0.68 0.00	34.41 0.72 0.00
SITHE___OGDNSBRG 24021	49.75 2.75 0.00	40.32 2.13 0.00	36.22 1.72 0.00	38.55 1.80 0.00	40.62 1.96 0.00	37.67 1.73 0.00	49.22 2.37 0.00	53.95 2.68 0.00	41.85 1.95 0.00	36.04 1.61 0.00	35.33 1.36 0.00	41.65 1.11 0.00	37.89 1.06 0.00	44.35 1.04 0.00	45.32 1.83 0.00	52.76 2.13 0.00	55.72 1.96 0.00	56.24 2.02 0.00	48.07 1.27 0.00	39.26 0.85 0.00	40.00 0.95 0.00	40.51 1.19 0.00	35.93 1.31 0.00	34.99 1.30 0.00
SITHE___STERLING 23777	47.80 0.80 0.00	38.85 0.67 0.00	35.11 0.61 0.00	37.42 0.67 0.00	39.40 0.74 0.00	36.70 0.76 0.00	48.03 1.18 0.00	52.50 1.23 0.00	40.76 0.85 0.00	35.05 0.62 0.00	34.43 0.45 0.00	40.92 0.38 0.00	37.42 0.60 0.00	44.25 0.94 0.00	44.50 1.02 0.00	51.80 1.17 0.00	55.16 1.40 0.00	55.45 1.23 0.00	47.83 1.03 0.00	39.24 0.83 0.00	39.81 0.76 0.00	39.98 0.66 0.00	35.09 0.47 0.00	34.07 0.38 0.00
SLEIGHT__34_KV_TB1 80719	45.38 -1.62 0.00	36.69 -1.50 0.00	32.99 -1.51 0.00	35.15 -1.61 0.00	36.97 -1.69 0.00	34.11 -1.83 0.00	44.53 -2.33 0.00	48.81 -2.46 0.00	38.02 -1.88 0.00	32.84 -1.60 0.00	32.42 -1.56 0.00	38.98 -1.55 0.00	35.50 -1.33 0.00	41.82 -1.49 0.00	42.05 -1.43 0.00	48.92 -1.72 0.00	51.89 -1.87 0.00	52.58 -1.64 0.00	45.17 -1.64 0.00	37.14 -1.27 0.00	37.49 -1.56 0.00	37.58 -1.74 0.00	32.89 -1.73 0.00	32.08 -1.61 0.00
SMITHTWN_69_KV_BK 1 55830	48.85 1.84 0.00	39.39 1.21 0.00	35.86 1.35 0.00	38.36 1.60 0.00	40.24 1.58 0.00	37.78 1.85 0.00	49.83 2.98 0.00	54.73 3.46 0.00	42.14 2.24 0.00	36.60 2.17 0.00	36.57 2.60 0.00	43.69 3.15 -5.02	44.54 2.70 0.00	45.79 2.48 0.00	45.82 2.34 0.00	53.47 2.83 0.00	63.75 3.49 -6.49	83.82 3.55 -26.06	58.68 3.32 -8.56	41.24 2.83 0.00	41.90 2.85 0.00	42.17 2.85 0.00	37.00 2.38 0.00	35.83 2.14 0.00
SOUTH CAIRO___GT 23612	48.42 1.42 0.00	39.50 1.31 0.00	35.89 1.38 0.00	38.16 1.40 0.00	40.17 1.51 0.00	37.61 1.68 0.00	48.82 1.97 0.00	53.33 2.06 0.00	41.55 1.64 0.00	35.68 1.25 0.00	35.22 1.25 0.00	41.89 1.35 0.00	37.96 1.13 0.00	44.59 1.27 0.00	44.57 1.09 0.00	52.34 1.70 0.00	56.00 2.23 0.00	56.59 2.37 0.00	49.01 2.21 0.00	40.31 1.90 0.00	40.87 1.82 0.00	41.04 1.71 0.00	36.07 1.45 0.00	35.00 1.31 0.00
SOUTH HAMPTN___IC 23720	48.66 1.65 0.00	39.29 1.11 0.00	35.94 1.44 0.00	38.68 1.92 0.00	40.69 2.02 0.00	38.31 2.38 0.00	50.73 3.88 0.00	55.81 4.54 0.00	42.89 2.99 0.00	37.20 2.77 0.00	37.06 3.09 0.00	44.15 3.62 -4.97	44.69 2.89 0.00	45.86 2.54 0.00	45.64 2.16 0.00	53.19 2.55 0.00	63.54 3.35 -6.43	83.48 3.46 -25.80	58.51 3.23 -8.48	41.15 2.74 0.00	41.77 2.72 0.00	42.01 2.68 0.00	36.84 2.22 0.00	35.61 1.92 0.00
SOUTHDOW_115KV_TB1 355954	45.37 -1.64 0.00	36.41 -1.77 0.00	32.30 -2.20 0.00	34.32 -2.44 0.00	35.97 -2.70 0.00	32.23 -3.38 0.33	42.27 -4.52 0.06	46.68 -4.58 0.00	36.29 -3.61 0.00	31.39 -3.04 0.00	31.38 -2.59 0.00	37.91 -2.63 0.00	34.45 -2.38 0.00	40.67 -2.64 0.00	40.77 -2.71 0.00	47.37 -3.27 0.00	49.98 -3.78 0.00	51.01 -3.21 0.00	43.77 -3.03 0.00	36.08 -2.33 0.00	36.44 -2.61 0.00	36.63 -2.70 0.00	32.06 -2.55 0.00	31.24 -2.45 0.00
SOUTHOLD_69_KV_BK 2 55809	48.24 1.24 0.00	39.04 0.86 0.00	35.86 1.36 0.00	38.76 2.01 0.00	40.86 2.20 0.00	38.52 2.59 0.00	51.17 4.32 0.00	56.41 5.14 0.00	43.36 3.45 0.00	37.58 3.14 0.00	37.35 3.38 0.00	44.39 3.85 0.00	44.77 2.97 -4.97	45.75 2.44 0.00	45.23 1.75 0.00	52.67 2.04 0.00	63.04 2.85 -6.43	83.01 2.99 -25.81	58.10 2.83 -8.48	40.80 2.39 0.00	41.39 2.34 0.00	41.59 2.26 0.00	36.45 1.83 0.00	35.20 1.51 0.00
SOUTHOLD___IC 23719	48.25 1.24 0.00	39.04 0.86 0.00	35.86 1.36 0.00	38.76 2.00 0.00	40.86 2.20 0.00	38.53 2.59 0.00	51.17 4.32 0.00	56.41 5.15 0.00	43.35 3.44 0.00	37.58 3.14 0.00	37.35 3.38 0.00	44.39 3.84 0.00	44.78 2.98 -4.97	45.74 2.43 0.00	45.24 1.76 0.00	52.67 2.04 0.00	63.04 2.85 -6.43	83.01 2.98 -25.81	58.10 2.83 -8.48	40.80 2.39 0.00	41.39 2.34 0.00	41.59 2.26 0.00	36.45 1.83 0.00	35.20 1.51 0.00
SOUTH_FORK_WT_PWR 323839	47.58 0.57 0.00	38.57 0.39 0.00	35.57 1.06 0.00	38.59 1.84 0.00	40.75 2.09 0.00	38.46 2.52 0.00	51.19 4.34 0.00	56.55 5.28 0.00	43.45 3.54 0.00	37.64 3.20 0.00	37.36 3.39 0.00	44.31 3.77 0.00	44.60 2.80 -4.97	45.36 2.05 0.00	44.57 1.09 0.00	51.84 1.20 0.00	62.17 1.97 -6.43	82.13 2.11 -25.80	57.35 2.08 -8.48	40.17 1.76 0.00	40.74 1.68 0.00	40.94 1.61 0.00	35.88 1.26 0.00	34.63 0.94 0.00
SPIERFLS_115KV_TB 1 80737	48.15 1.15 0.00	39.34 1.15 0.00	35.73 1.23 0.00	38.12 1.37 0.00	40.07 1.40 0.00	37.49 1.56 0.00	48.83 1.98 0.00	53.25 1.98 0.00	41.40 1.49 0.00	35.55 1.12 0.00	35.23 1.26 0.00	42.30 1.76 0.00	38.09 1.26 0.00	44.89 1.58 0.00	45.07 1.58 0.00	52.49 1.85 0.00	56.09 2.32 0.00	56.31 2.10 0.00	48.93 2.13 0.00	40.15 1.75 0.00	40.57 1.52 0.00	40.73 1.41 0.00	35.84 1.22 0.00	34.75 1.06 0.00
ST LAWRENCE____ 23600	47.86 0.86 0.00	38.83 0.64 0.00	34.96 0.45 0.00	37.22 0.46 0.00	39.18 0.52 0.00	36.33 0.40 0.00	47.34 0.49 0.00	51.87 0.60 0.00	40.37 0.46 0.00	34.85 0.42 0.00	34.23 0.26 0.00	40.65 0.11 0.00	36.90 0.07 0.00	43.47 0.16 0.00	43.79 0.31 0.00	50.96 0.33 0.00	54.01 0.24 0.00	54.47 0.25 0.00	46.68 -0.12 0.00	38.19 -0.22 0.00	38.88 -0.17 0.00	39.28 -0.04 0.00	34.77 0.15 0.00	33.90 0.21 0.00

STATE_CA_115KV_115_LB 55624	46.94 -0.06 0.00	38.33 0.14 0.00	34.89 0.38 0.00	37.06 0.30 0.00	39.00 0.34 0.00	36.49 0.55 0.00	47.40 0.55 0.00	51.71 0.45 0.00	40.44 0.54 0.00	34.92 0.48 0.00	34.59 0.61 0.00	41.29 0.75 0.00	37.52 0.69 0.00	43.99 0.68 0.00	44.02 0.54 0.00	51.30 0.67 0.00	54.59 0.82 0.00	54.90 0.68 0.00	47.63 0.83 0.00	39.26 0.85 0.00	39.89 0.84 0.00	40.13 0.81 0.00	35.39 0.76 0.00	34.35 0.67 0.00
STATE_ST_34_KV_LOAD 55959	46.52 -0.48 0.00	37.64 -0.55 0.00	34.04 -0.46 0.00	36.30 -0.45 0.00	38.07 -0.59 0.00	35.54 -0.53 -0.13	46.36 -0.51 -0.03	50.66 -0.60 0.00	39.21 -0.70 0.00	33.87 -0.57 0.00	33.39 -0.58 0.00	40.04 -0.50 0.00	36.47 -0.36 0.00	42.93 -0.38 0.00	43.11 -0.37 0.00	50.23 -0.40 0.00	53.35 -0.41 0.00	53.94 -0.28 0.00	46.55 -0.25 0.00	38.23 -0.17 0.00	38.61 -0.44 0.00	38.85 -0.47 0.00	34.02 -0.60 0.00	33.14 -0.54 0.00
STATION_5_MISC_HYD 23604	45.42 -1.58 0.00	36.66 -1.52 0.00	32.85 -1.65 0.00	35.00 -1.76 0.00	36.81 -1.85 0.00	33.59 -2.21 0.13	43.81 -3.02 0.03	48.13 -3.13 0.00	37.68 -2.22 0.00	32.58 -1.86 0.00	32.26 -1.72 0.00	38.79 -1.75 0.00	35.31 -1.52 0.00	41.62 -1.70 0.00	41.86 -1.62 0.00	48.61 -2.02 0.00	51.49 -2.27 0.00	52.29 -1.93 0.00	44.80 -2.00 0.00	36.92 -1.49 0.00	37.23 -1.82 0.00	37.26 -2.06 0.00	32.64 -1.98 0.00	31.86 -1.83 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	45.64 -1.36 0.00	36.90 -1.28 0.00	33.15 -1.35 0.00	35.32 -1.43 0.00	37.17 -1.50 0.00	34.18 -1.69 0.07	44.74 -2.10 0.01	49.07 -2.20 0.00	38.25 -1.66 0.00	33.03 -1.40 0.00	32.62 -1.35 0.00	39.23 -1.31 0.00	35.67 -1.17 0.00	42.00 -1.31 0.00	42.27 -1.21 0.00	49.16 -1.47 0.00	52.14 -1.62 0.00	52.84 -1.38 0.00	45.40 -1.40 0.00	37.34 -1.07 0.00	37.72 -1.33 0.00	37.78 -1.54 0.00	33.11 -1.51 0.00	32.28 -1.41 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	45.16 -1.85 0.00	36.48 -1.71 0.00	32.70 -1.80 0.00	34.83 -1.92 0.00	36.65 -2.01 0.00	33.49 -2.33 0.12	43.68 -3.15 0.02	47.96 -3.31 0.00	37.51 -2.39 0.00	32.45 -1.99 0.00	32.13 -1.84 0.00	38.61 -1.93 0.00	35.14 -1.69 0.00	41.40 -1.91 0.00	41.66 -1.83 0.00	48.37 -2.27 0.00	51.25 -2.51 0.00	52.03 -2.19 0.00	44.61 -2.20 0.00	36.74 -1.67 0.00	37.07 -1.98 0.00	37.11 -2.21 0.00	32.51 -2.11 0.00	31.74 -1.95 0.00
STA_56___34_KV_BUS2 355983	45.16 -1.85 0.00	36.48 -1.71 0.00	32.70 -1.80 0.00	34.83 -1.92 0.00	36.65 -2.01 0.00	33.49 -2.33 0.12	43.68 -3.15 0.02	47.96 -3.31 0.00	37.51 -2.39 0.00	32.45 -1.99 0.00	32.13 -1.84 0.00	38.61 -1.93 0.00	35.14 -1.69 0.00	41.40 -1.91 0.00	41.66 -1.83 0.00	48.37 -2.27 0.00	51.25 -2.51 0.00	52.03 -2.19 0.00	44.61 -2.20 0.00	36.74 -1.67 0.00	37.07 -1.98 0.00	37.11 -2.21 0.00	32.51 -2.11 0.00	31.74 -1.95 0.00
STA_67___115KV_BK2 355882	45.32 -1.68 0.00	36.60 -1.59 0.00	32.79 -1.72 0.00	34.92 -1.83 0.00	36.75 -1.92 0.00	33.51 -2.29 0.13	43.70 -3.12 0.03	48.00 -3.26 0.00	37.57 -2.34 0.00	32.50 -1.93 0.00	32.19 -1.79 0.00	38.69 -1.85 0.00	35.21 -1.62 0.00	41.49 -1.82 0.00	41.76 -1.72 0.00	48.46 -2.17 0.00	51.35 -2.41 0.00	52.14 -2.08 0.00	44.69 -2.12 0.00	36.82 -1.59 0.00	37.14 -1.91 0.00	37.17 -2.15 0.00	32.56 -2.06 0.00	31.80 -1.90 0.00
STA_7___115KV_9TRANS 80674	45.61 -1.39 0.00	36.81 -1.38 0.00	32.98 -1.52 0.00	35.14 -1.61 0.00	36.96 -1.71 0.00	33.73 -2.07 0.13	44.03 -2.80 0.03	48.39 -2.88 0.00	37.86 -2.05 0.00	32.74 -1.69 0.00	32.42 -1.55 0.00	38.99 -1.55 0.00	35.50 -1.33 0.00	41.83 -1.48 0.00	42.10 -1.38 0.00	48.87 -1.77 0.00	51.78 -1.98 0.00	52.59 -1.63 0.00	45.06 -1.74 0.00	37.12 -1.29 0.00	37.44 -1.61 0.00	37.45 -1.87 0.00	32.78 -1.84 0.00	32.00 -1.69 0.00
STA_82___115KV_TB1 80780	45.34 -1.66 0.00	36.61 -1.58 0.00	32.81 -1.70 0.00	34.94 -1.82 0.00	36.76 -1.90 0.00	33.53 -2.27 0.13	43.72 -3.11 0.03	48.03 -3.24 0.00	37.58 -2.33 0.00	32.51 -1.92 0.00	32.19 -1.78 0.00	38.69 -1.85 0.00	35.23 -1.60 0.00	41.51 -1.80 0.00	41.78 -1.70 0.00	48.51 -2.13 0.00	51.37 -2.39 0.00	52.18 -2.04 0.00	44.71 -2.09 0.00	36.84 -1.57 0.00	37.15 -1.90 0.00	37.19 -2.13 0.00	32.56 -2.06 0.00	31.80 -1.89 0.00
STEEL___WIND 323596	44.54 -2.47 0.00	35.78 -2.41 0.00	31.84 -2.66 0.00	33.90 -2.85 0.00	35.61 -3.05 0.00	31.88 -3.77 0.28	41.48 -5.31 0.06	45.58 -5.68 0.00	35.65 -4.26 0.00	30.96 -3.48 0.00	30.87 -3.10 0.00	37.17 -3.37 0.00	33.77 -3.06 0.00	39.87 -3.44 0.00	40.22 -3.26 0.00	46.60 -4.03 0.00	49.16 -4.60 0.00	50.16 -4.06 0.00	42.89 -3.92 0.00	35.43 -2.98 0.00	35.66 -3.39 0.00	35.67 -3.65 0.00	31.23 -3.39 0.00	30.60 -3.09 0.00
STEPHTWN_115KV_BK_2 55603	47.35 0.35 0.00	38.61 0.43 0.00	35.09 0.59 0.00	37.31 0.56 0.00	39.27 0.60 0.00	36.78 0.84 0.00	47.83 0.98 0.00	52.16 0.89 0.00	40.75 0.85 0.00	35.12 0.68 0.00	34.77 0.79 0.00	41.64 1.10 0.00	37.70 0.88 0.00	44.33 1.02 0.00	44.34 0.85 0.00	51.64 1.00 0.00	55.07 1.31 0.00	55.36 1.14 0.00	48.05 1.25 0.00	39.60 1.20 0.00	40.22 1.17 0.00	40.47 1.15 0.00	35.65 1.03 0.00	34.59 0.90 0.00
STEUBEN_REC_LFGE 323667	45.81 -1.19 0.00	36.71 -1.48 0.00	32.62 -1.88 0.00	34.35 -2.41 0.00	35.91 -2.76 0.00	31.88 -3.11 0.94	42.15 -4.52 0.18	46.15 -5.12 0.01	35.61 -4.29 0.00	30.55 -3.89 0.00	30.26 -3.71 0.00	36.58 -3.96 0.00	33.35 -3.48 0.00	39.14 -4.18 0.00	39.82 -3.66 0.00	46.07 -4.56 0.00	48.72 -5.04 0.00	49.80 -4.42 0.00	42.83 -3.97 0.00	35.38 -3.03 0.00	35.97 -3.08 0.00	36.00 -3.33 0.00	31.57 -3.05 0.00	30.89 -2.80 0.00
STILLWATER___SOLAR 323814	48.19 1.19 0.00	39.31 1.12 0.00	35.67 1.17 0.00	38.05 1.29 0.00	40.02 1.35 0.00	37.40 1.47 0.00	48.73 1.88 0.00	53.12 1.85 0.00	41.35 1.44 0.00	35.54 1.11 0.00	35.13 1.16 0.00	42.14 1.60 0.00	38.06 1.23 0.00	44.91 1.60 0.00	45.07 1.59 0.00	52.54 1.90 0.00	56.01 2.25 0.00	56.33 2.12 0.00	48.86 2.06 0.00	40.17 1.77 0.00	40.74 1.69 0.00	40.95 1.62 0.00	35.99 1.37 0.00	34.93 1.24 0.00
STONY___BROOK 24151	48.76 1.76 0.00	39.33 1.15 0.00	35.80 1.30 0.00	38.30 1.55 0.00	40.20 1.53 0.00	37.75 1.81 0.00	49.78 2.93 0.00	54.67 3.41 0.00	42.10 2.19 0.00	36.57 2.14 0.00	36.54 2.57 0.00	43.65 3.11 0.00	44.48 2.64 -5.00	45.73 2.42 0.00	45.77 2.29 0.00	53.39 2.75 0.00	63.65 3.42 -6.47	83.66 3.47 -25.97	58.58 3.24 -8.53	41.17 2.77 0.00	41.84 2.79 0.00	42.12 2.80 0.00	36.96 2.34 0.00	35.79 2.10 0.00
STURGEON_POOL_HYD 23609	48.59 1.58 0.00	39.45 1.26 0.00	35.71 1.20 0.00	38.08 1.33 0.00	40.04 1.38 0.00	37.40 1.47 0.00	48.98 2.14 0.00	53.70 2.44 0.00	41.71 1.81 0.00	36.11 1.67 0.00	35.76 1.78 0.00	42.74 2.20 0.00	38.81 1.99 0.00	45.50 2.19 0.00	45.45 1.97 0.00	53.00 2.36 0.00	56.38 2.62 0.00	56.78 2.56 0.00	49.29 2.49 0.00	40.52 2.11 0.00	41.18 2.13 0.00	41.47 2.15 0.00	36.36 1.74 0.00	35.20 1.52 0.00

ST_LAW_115_BK7_LBMP 345037	47.95 0.95 0.00	38.90 0.72 0.00	35.01 0.51 0.00	37.27 0.52 0.00	39.25 0.59 0.00	36.38 0.45 0.00	47.41 0.56 0.00	51.95 0.68 0.00	40.42 0.52 0.00	34.91 0.47 0.00	34.28 0.31 0.00	40.68 0.15 0.00	36.93 0.11 0.00	43.49 0.18 0.00	43.84 0.36 0.00	51.02 0.38 0.00	54.05 0.29 0.00	54.52 0.30 0.00	46.70 -0.10 0.00	38.20 -0.21 0.00	38.90 -0.15 0.00	39.31 -0.01 0.00	34.82 0.20 0.00	33.94 0.25 0.00
ST_LAW_115_BK8_LBMP 345038	47.95 0.95 0.00	38.90 0.72 0.00	35.01 0.51 0.00	37.27 0.52 0.00	39.25 0.59 0.00	36.38 0.45 0.00	47.41 0.56 0.00	51.95 0.68 0.00	40.42 0.52 0.00	34.91 0.47 0.00	34.28 0.31 0.00	40.68 0.15 0.00	36.93 0.11 0.00	43.49 0.18 0.00	43.84 0.36 0.00	51.02 0.38 0.00	54.05 0.29 0.00	54.52 0.30 0.00	46.70 -0.10 0.00	38.20 -0.21 0.00	38.90 -0.15 0.00	39.31 -0.01 0.00	34.82 0.20 0.00	33.94 0.25 0.00
ST_LAW_230_BK5_LBMP 345035	47.86 0.86 0.00	38.83 0.64 0.00	34.96 0.45 0.00	37.22 0.46 0.00	39.18 0.52 0.00	36.33 0.40 0.00	47.34 0.49 0.00	51.87 0.60 0.00	40.37 0.46 0.00	34.85 0.42 0.00	34.23 0.26 0.00	40.65 0.11 0.00	36.90 0.07 0.00	43.47 0.16 0.00	43.79 0.31 0.00	50.96 0.33 0.00	54.01 0.24 0.00	54.47 0.25 0.00	46.68 -0.12 0.00	38.19 -0.22 0.00	38.88 -0.17 0.00	39.28 -0.04 0.00	34.77 0.15 0.00	33.90 0.21 0.00
ST_LAW_230_BK6_LBMP 345036	47.86 0.86 0.00	38.83 0.64 0.00	34.96 0.45 0.00	37.22 0.46 0.00	39.18 0.52 0.00	36.33 0.40 0.00	47.34 0.49 0.00	51.87 0.60 0.00	40.37 0.46 0.00	34.85 0.42 0.00	34.23 0.26 0.00	40.65 0.11 0.00	36.90 0.07 0.00	43.47 0.16 0.00	43.79 0.31 0.00	50.96 0.33 0.00	54.01 0.24 0.00	54.47 0.25 0.00	46.68 -0.12 0.00	38.19 -0.22 0.00	38.88 -0.17 0.00	39.28 -0.04 0.00	34.77 0.15 0.00	33.90 0.21 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	48.47 1.47 0.00	39.35 1.17 0.00	35.63 1.13 0.00	38.01 1.25 0.00	39.96 1.30 0.00	37.33 1.40 0.00	48.85 2.00 0.00	53.52 2.26 0.00	41.57 1.67 0.00	35.97 1.53 0.00	35.69 1.72 0.00	42.70 2.16 0.00	38.79 1.96 0.00	45.43 2.12 0.00	45.39 1.91 0.00	52.84 2.20 0.00	56.25 2.49 0.00	56.64 2.43 0.00	49.18 2.38 0.00	40.41 2.01 0.00	41.08 2.03 0.00	41.40 2.08 0.00	36.31 1.70 0.00	35.16 1.47 0.00
SWANROAD_115KV_TB1 355699	43.53 -3.47 0.00	35.05 -3.14 0.00	31.19 -3.31 0.00	33.23 -3.53 0.00	34.93 -3.73 0.00	31.05 -4.65 0.23	40.17 -6.64 0.05	44.24 -7.03 0.00	34.76 -5.15 0.00	30.31 -4.13 0.00	30.17 -3.80 0.00	36.27 -4.27 0.00	33.03 -3.80 0.00	38.92 -4.39 0.00	39.33 -4.15 0.00	45.50 -5.14 0.00	47.89 -5.87 0.00	48.85 -5.37 0.00	41.71 -5.09 0.00	34.53 -3.88 0.00	34.73 -4.33 0.00	34.78 -4.54 0.00	30.38 -4.24 0.00	29.84 -3.85 0.00
SYNERGY___BIOGAS 323694	45.54 -1.46 0.00	36.68 -1.51 0.00	32.71 -1.79 0.00	34.84 -1.91 0.00	36.65 -2.01 0.00	33.05 -2.70 0.19	43.05 -3.76 0.04	47.42 -3.85 0.00	37.13 -2.78 0.00	32.11 -2.33 0.00	31.68 -2.29 0.00	38.20 -2.34 0.00	34.97 -1.86 0.00	41.34 -1.97 0.00	41.76 -1.73 0.00	48.36 -2.28 0.00	51.04 -2.72 0.00	52.02 -2.20 0.00	44.44 -2.36 0.00	36.67 -1.74 0.00	36.89 -2.16 0.00	36.86 -2.47 0.00	32.19 -2.43 0.00	31.49 -2.20 0.00
SYRACUSE___ENERGY_ST1 323597	46.16 -0.85 0.00	37.45 -0.73 0.00	33.83 -0.67 0.00	36.05 -0.70 0.00	37.89 -0.77 0.00	35.26 -0.72 -0.04	46.01 -0.85 0.00	50.33 -0.93 0.00	39.14 -0.77 0.00	33.75 -0.69 0.00	33.27 -0.70 0.00	39.82 -0.72 0.00	36.26 -0.57 0.00	42.67 -0.64 0.00	42.86 -0.62 0.00	49.89 -0.74 0.00	53.01 -0.75 0.00	53.54 -0.68 0.00	46.20 -0.60 0.00	37.94 -0.46 0.00	38.46 -0.58 0.00	38.65 -0.67 0.00	33.95 -0.67 0.00	33.07 -0.62 0.00
SYRACUSE___ENERGY_ST2 323598	46.16 -0.85 0.00	37.45 -0.73 0.00	33.83 -0.67 0.00	36.05 -0.70 0.00	37.89 -0.77 0.00	35.26 -0.72 -0.04	46.01 -0.85 0.00	50.33 -0.93 0.00	39.14 -0.77 0.00	33.75 -0.69 0.00	33.27 -0.70 0.00	39.82 -0.72 0.00	36.26 -0.57 0.00	42.67 -0.64 0.00	42.86 -0.62 0.00	49.89 -0.74 0.00	53.01 -0.75 0.00	53.54 -0.68 0.00	46.20 -0.60 0.00	37.94 -0.46 0.00	38.46 -0.58 0.00	38.65 -0.67 0.00	33.95 -0.67 0.00	33.07 -0.62 0.00
SYRACUSE___POWER 24017	46.20 -0.80 0.00	37.49 -0.69 0.00	33.86 -0.64 0.00	36.07 -0.69 0.00	37.93 -0.73 0.00	35.31 -0.69 -0.07	46.05 -0.81 -0.01	50.38 -0.89 0.00	39.19 -0.72 0.00	33.80 -0.64 0.00	33.33 -0.64 0.00	39.85 -0.68 0.00	36.30 -0.53 0.00	42.72 -0.59 0.00	42.91 -0.57 0.00	49.97 -0.66 0.00	53.10 -0.66 0.00	53.60 -0.62 0.00	46.26 -0.55 0.00	37.99 -0.42 0.00	38.53 -0.52 0.00	38.69 -0.63 0.00	34.01 -0.61 0.00	33.11 -0.58 0.00
TALLMAN__138KV_BK151 55660	48.58 1.58 0.00	39.45 1.26 0.00	35.72 1.22 0.00	38.11 1.36 0.00	40.07 1.41 0.00	37.45 1.52 0.00	49.10 2.25 0.00	53.85 2.58 0.00	41.80 1.89 0.00	36.17 1.74 0.00	35.94 1.96 0.00	43.02 2.48 0.00	39.05 2.22 0.00	45.70 2.39 0.00	45.61 2.13 0.00	53.08 2.45 0.00	56.54 2.78 0.00	56.91 2.69 0.00	49.43 2.63 0.00	40.62 2.21 0.00	41.29 2.24 0.00	41.62 2.30 0.00	36.49 1.88 0.00	35.32 1.63 0.00
TEALLAVE_115KV_TB7 355573	45.88 -1.12 0.00	37.24 -0.94 0.00	33.64 -0.87 0.00	35.83 -0.92 0.00	37.68 -0.98 0.00	35.00 -0.94 0.00	45.68 -1.17 0.00	50.00 -1.26 0.00	38.94 -0.97 0.00	33.59 -0.84 0.00	33.13 -0.84 0.00	39.65 -0.89 0.00	36.07 -0.76 0.00	42.45 -0.85 0.00	42.64 -0.84 0.00	49.64 -0.99 0.00	52.73 -1.03 0.00	53.22 -1.00 0.00	45.92 -0.88 0.00	37.72 -0.69 0.00	38.26 -0.79 0.00	38.44 -0.89 0.00	33.77 -0.85 0.00	32.89 -0.80 0.00
TELGRAPH_34_KV_EAST 80808	44.53 -2.47 0.00	35.85 -2.33 0.00	31.94 -2.56 0.00	34.03 -2.73 0.00	35.77 -2.89 0.00	32.04 -3.69 0.21	41.59 -5.22 0.04	45.79 -5.48 0.00	35.92 -3.99 0.00	31.20 -3.23 0.00	30.99 -2.99 0.00	37.32 -3.22 0.00	34.03 -2.80 0.00	40.16 -3.15 0.00	40.51 -2.97 0.00	46.93 -3.71 0.00	49.46 -4.30 0.00	50.42 -3.80 0.00	43.07 -3.73 0.00	35.60 -2.81 0.00	35.80 -3.25 0.00	35.81 -3.51 0.00	31.30 -3.32 0.00	30.68 -3.01 0.00
TEMPLE___115KV_TB 2 55572	45.89 -1.11 0.00	37.25 -0.94 0.00	33.64 -0.86 0.00	35.83 -0.92 0.00	37.69 -0.97 0.00	35.00 -0.94 0.00	45.68 -1.17 0.00	50.01 -1.25 0.00	38.94 -0.96 0.00	33.60 -0.84 0.00	33.14 -0.83 0.00	39.66 -0.88 0.00	36.10 -0.73 0.00	42.47 -0.84 0.00	42.66 -0.83 0.00	49.65 -0.98 0.00	52.74 -1.02 0.00	53.24 -0.98 0.00	45.94 -0.86 0.00	37.74 -0.67 0.00	38.27 -0.77 0.00	38.45 -0.87 0.00	33.78 -0.84 0.00	32.91 -0.78 0.00
TIANA____69_KV_BK 1 55817	48.77 1.77 0.00	39.36 1.18 0.00	35.95 1.45 0.00	38.62 1.87 0.00	40.62 1.95 0.00	38.23 2.29 0.00	50.57 3.72 0.00	55.62 4.35 0.00	42.74 2.84 0.00	37.07 2.63 0.00	36.97 2.99 0.00	44.07 3.54 0.00	44.65 2.85 -4.97	45.88 2.57 0.00	45.73 2.25 0.00	53.32 2.69 0.00	63.66 3.47 -6.43	83.59 3.57 -25.81	58.61 3.33 -8.48	41.25 2.84 0.00	41.88 2.83 0.00	42.13 2.81 0.00	36.96 2.34 0.00	35.73 2.04 0.00

TILDEN___115KV_TB1 80814	46.20 -0.80 0.00	37.49 -0.69 0.00	33.86 -0.64 0.00	36.07 -0.69 0.00	37.93 -0.73 0.00	35.31 -0.69 -0.07	46.05 -0.81 -0.01	50.38 -0.89 0.00	39.19 -0.72 0.00	33.80 -0.64 0.00	33.33 -0.64 0.00	39.85 -0.68 0.00	36.30 -0.53 0.00	42.72 -0.59 0.00	42.91 -0.57 0.00	49.97 -0.66 0.00	53.10 -0.66 0.00	53.60 -0.62 0.00	46.26 -0.55 0.00	37.99 -0.42 0.00	38.53 -0.52 0.00	38.69 -0.63 0.00	34.01 -0.61 0.00	33.11 -0.58 0.00
TRIGEN___CC 323695	48.89 1.89 0.00	39.58 1.39 0.00	35.95 1.45 0.00	38.37 1.61 0.00	40.24 1.57 0.00	37.67 1.73 0.00	49.53 2.68 0.00	54.37 3.10 0.00	42.07 2.16 0.00	36.53 2.09 0.00	36.39 2.42 0.00	43.52 2.98 0.00	48.24 2.64 -8.77	45.95 2.64 0.00	45.93 2.44 0.00	53.52 2.88 0.00	68.53 3.31 -11.46	103.46 3.23 -46.00	65.00 3.09 -15.11	41.01 2.61 0.00	41.70 2.65 0.00	41.98 2.66 0.00	36.83 2.21 0.00	35.65 1.96 0.00
TRINITY___115KV___4 BK 55933	46.78 -0.22 0.00	38.19 0.00 0.00	34.76 0.26 0.00	36.95 0.19 0.00	38.87 0.21 0.00	36.35 0.41 0.00	47.19 0.34 0.00	51.48 0.22 0.00	40.26 0.35 0.00	34.76 0.33 0.00	34.42 0.45 0.00	41.10 0.57 0.00	37.33 0.50 0.00	43.77 0.46 0.00	43.81 0.33 0.00	51.04 0.41 0.00	54.30 0.54 0.00	54.62 0.40 0.00	47.42 0.62 0.00	39.07 0.67 0.00	39.72 0.67 0.00	39.96 0.64 0.00	35.22 0.60 0.00	34.23 0.53 0.00
UNION___PROCESSING_DRP 323587	45.36 -1.64 0.00	36.62 -1.57 0.00	32.82 -1.69 0.00	34.96 -1.80 0.00	36.77 -1.90 0.00	33.55 -2.26 0.13	43.73 -3.10 0.03	48.04 -3.22 0.00	37.58 -2.32 0.00	32.52 -1.91 0.00	32.19 -1.78 0.00	38.71 -1.83 0.00	35.23 -1.59 0.00	41.52 -1.79 0.00	41.79 -1.69 0.00	48.51 -2.13 0.00	51.39 -2.37 0.00	52.19 -2.03 0.00	44.72 -2.08 0.00	36.84 -1.56 0.00	37.17 -1.89 0.00	37.19 -2.13 0.00	32.58 -2.04 0.00	31.81 -1.88 0.00
UPPER HUDSON___HYD 24058	48.15 1.14 0.00	39.34 1.16 0.00	35.73 1.23 0.00	38.12 1.37 0.00	40.06 1.40 0.00	37.49 1.55 0.00	48.83 1.98 0.00	53.25 1.98 0.00	41.40 1.49 0.00	35.56 1.12 0.00	35.23 1.26 0.00	42.29 1.76 0.00	38.08 1.26 0.00	44.89 1.58 0.00	45.07 1.58 0.00	52.49 1.85 0.00	56.09 2.32 0.00	56.31 2.09 0.00	48.93 2.13 0.00	40.15 1.75 0.00	40.57 1.52 0.00	40.73 1.41 0.00	35.84 1.22 0.00	34.75 1.06 0.00
UPPER RAQUET___HYD 24056	49.13 2.13 0.00	39.83 1.64 0.00	35.76 1.26 0.00	38.08 1.32 0.00	40.11 1.45 0.00	37.18 1.24 0.00	48.54 1.69 0.00	53.18 1.91 0.00	41.31 1.40 0.00	35.54 1.11 0.00	34.77 0.80 0.00	41.08 0.54 0.00	37.28 0.45 0.00	43.94 0.63 0.00	44.59 1.10 0.00	51.68 1.04 0.00	54.41 0.65 0.00	54.77 0.55 0.00	46.79 -0.01 0.00	38.23 -0.18 0.00	39.04 -0.01 0.00	39.68 0.35 0.00	35.28 0.66 0.00	34.36 0.68 0.00
VALLEY44_115KV_TB2 355964	44.73 -2.27 0.00	36.01 -2.18 0.00	32.14 -2.36 0.00	34.26 -2.49 0.00	35.97 -2.69 0.00	32.47 -3.13 0.35	42.65 -4.13 0.07	46.77 -4.49 0.00	36.49 -3.42 0.00	31.67 -2.76 0.00	31.58 -2.39 0.00	38.02 -2.52 0.00	34.57 -2.26 0.00	40.70 -2.61 0.00	40.82 -2.66 0.00	47.21 -3.42 0.00	49.93 -3.83 0.00	50.80 -3.42 0.00	43.68 -3.12 0.00	36.03 -2.38 0.00	36.44 -2.61 0.00	36.49 -2.83 0.00	31.96 -2.66 0.00	31.21 -2.48 0.00
VALLEY___115KV_TB 1-4 80826	48.39 1.39 0.00	39.37 1.19 0.00	35.67 1.16 0.00	38.01 1.26 0.00	39.97 1.31 0.00	37.30 1.37 0.00	48.61 1.76 0.00	52.95 1.68 0.00	41.00 1.10 0.00	34.96 0.53 0.00	34.68 0.70 0.00	41.11 0.57 0.00	37.39 0.56 0.00	44.22 0.90 0.00	44.60 1.12 0.00	51.91 1.28 0.00	55.48 1.72 0.00	56.11 1.89 0.00	48.54 1.74 0.00	39.85 1.44 0.00	40.45 1.39 0.00	40.61 1.29 0.00	35.68 1.06 0.00	34.59 0.90 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	48.90 1.89 0.00	39.70 1.51 0.00	35.85 1.35 0.00	38.25 1.50 0.00	40.24 1.57 0.00	37.42 1.49 0.00	48.96 2.10 -0.01	53.63 2.37 0.00	41.67 1.77 0.00	35.95 1.51 0.00	35.50 1.53 0.00	42.46 1.92 0.00	38.60 1.77 0.00	45.29 1.98 0.00	45.26 1.78 0.00	52.72 2.08 0.00	56.11 2.35 0.00	56.71 2.48 0.00	49.02 2.21 0.00	40.26 1.85 0.00	40.84 1.79 0.00	41.03 1.70 0.00	36.04 1.42 0.00	34.96 1.27 0.00
VISCHER___FERRY HYD 24020	47.51 0.51 0.00	38.79 0.60 0.00	35.22 0.72 0.00	37.56 0.81 0.00	39.52 0.86 0.00	36.93 1.00 0.00	48.02 1.17 0.00	52.33 1.07 0.00	40.84 0.93 0.00	35.16 0.72 0.00	34.80 0.82 0.00	41.67 1.14 0.00	37.73 0.91 0.00	44.37 1.06 0.00	44.46 0.98 0.00	51.86 1.22 0.00	55.19 1.43 0.00	55.51 1.29 0.00	48.18 1.38 0.00	39.67 1.26 0.00	40.31 1.26 0.00	40.54 1.22 0.00	35.64 1.02 0.00	34.61 0.92 0.00
V_A_10_SYNC_DSASP 323832	44.29 -2.72 0.00	35.69 -2.49 0.00	31.87 -2.64 0.00	33.95 -2.81 0.00	35.69 -2.97 0.00	32.21 -3.54 0.18	41.88 -4.94 0.04	46.01 -5.25 0.00	36.08 -3.83 0.00	31.36 -3.08 0.00	31.16 -2.81 0.00	37.45 -3.09 0.00	34.06 -2.77 0.00	40.13 -3.18 0.00	40.41 -3.07 0.00	46.83 -3.81 0.00	49.49 -4.27 0.00	50.36 -3.86 0.00	43.09 -3.72 0.00	35.59 -2.82 0.00	35.85 -3.20 0.00	35.88 -3.45 0.00	31.43 -3.19 0.00	30.78 -2.91 0.00
V_CMM_10_SYNC_DSASP 323787	48.21 1.21 0.00	39.10 0.92 0.00	35.19 0.68 0.00	37.47 0.71 0.00	39.45 0.78 0.00	36.57 0.64 0.00	47.65 0.80 0.00	52.22 0.95 0.00	40.62 0.72 0.00	35.08 0.65 0.00	34.46 0.49 0.00	40.89 0.35 0.00	37.12 0.29 0.00	43.72 0.41 0.00	44.06 0.58 0.00	51.28 0.65 0.00	54.33 0.57 0.00	54.81 0.59 0.00	46.95 0.15 0.00	38.40 -0.01 0.00	39.10 0.05 0.00	39.52 0.20 0.00	34.99 0.38 0.00	34.12 0.43 0.00
V_CMP_10_SYNC_DSASP 323788	48.45 1.44 0.00	39.33 1.14 0.00	35.26 0.76 0.00	37.53 0.77 0.00	39.59 0.93 0.00	36.74 0.80 0.00	47.88 1.03 0.00	52.52 1.25 0.00	40.80 0.89 0.00	35.22 0.79 0.00	34.33 0.36 0.00	40.67 0.13 0.00	37.02 0.19 0.00	43.61 0.30 0.00	44.08 0.59 0.00	51.16 0.53 0.00	54.22 0.46 0.00	54.59 0.37 0.00	46.27 -0.53 0.00	37.62 -0.79 0.00	38.20 -0.85 0.00	38.65 -0.68 0.00	34.32 -0.30 0.00	33.56 -0.13 0.00
V_D_10_SYNC_DSASP 323841	48.70 1.69 0.00	39.49 1.30 0.00	35.52 1.01 0.00	37.81 1.06 0.00	39.82 1.16 0.00	36.91 0.98 0.00	48.12 1.26 0.00	52.71 1.45 0.00	41.01 1.10 0.00	35.39 0.96 0.00	34.75 0.78 0.00	41.20 0.67 0.00	37.40 0.57 0.00	44.04 0.73 0.00	44.45 0.97 0.00	51.72 1.08 0.00	54.74 0.98 0.00	55.21 0.99 0.00	47.27 0.47 0.00	38.66 0.25 0.00	39.37 0.32 0.00	39.81 0.49 0.00	35.29 0.67 0.00	34.40 0.71 0.00
V_E_10_SYNC_DSASP 323830	49.61 2.61 0.00	40.05 1.86 0.00	35.97 1.47 0.00	38.40 1.65 0.00	40.30 1.64 0.00	37.59 1.31 -0.35	48.80 1.88 -0.07	52.58 1.32 0.00	40.38 0.48 0.00	34.31 -0.12 0.00	33.42 -0.56 0.00	39.58 -0.95 0.00	36.31 -0.52 0.00	42.94 -0.37 0.00	43.57 0.09 0.00	50.76 0.12 0.00	54.12 0.36 0.00	55.05 0.83 0.00	47.16 0.35 0.00	38.70 0.29 0.00	39.20 0.15 0.00	39.35 0.02 0.00	34.68 0.06 0.00	33.73 0.05 0.00

V_F_30_NSYNC___DSASP 323816	48.27 1.27 0.00	39.36 1.18 0.00	35.71 1.21 0.00	38.09 1.33 0.00	40.06 1.40 0.00	37.44 1.50 0.00	48.79 1.94 0.00	53.19 1.93 0.00	41.41 1.50 0.00	35.59 1.15 0.00	35.19 1.22 0.00	42.22 1.68 0.00	38.13 1.30 0.00	44.96 1.65 0.00	45.13 1.65 0.00	52.62 1.98 0.00	56.09 2.33 0.00	56.40 2.18 0.00	48.92 2.11 0.00	40.21 1.80 0.00	40.78 1.73 0.00	40.99 1.67 0.00	36.02 1.40 0.00	34.96 1.28 0.00
V_F_30_SYNC_DSASP 323786	46.94 -0.07 0.00	38.32 0.13 0.00	34.88 0.38 0.00	37.05 0.30 0.00	39.00 0.34 0.00	36.48 0.55 0.00	47.39 0.54 0.00	51.69 0.43 0.00	40.44 0.53 0.00	34.92 0.48 0.00	34.58 0.61 0.00	41.29 0.75 0.00	37.51 0.68 0.00	43.98 0.67 0.00	44.01 0.53 0.00	51.30 0.66 0.00	54.58 0.82 0.00	54.89 0.67 0.00	47.63 0.83 0.00	39.25 0.85 0.00	39.88 0.83 0.00	40.12 0.80 0.00	35.38 0.76 0.00	34.35 0.66 0.00
V_XM_10_SYNC_DSASP 323789	48.45 1.44 0.00	39.33 1.14 0.00	35.26 0.76 0.00	37.53 0.77 0.00	39.59 0.93 0.00	36.74 0.80 0.00	47.88 1.03 0.00	52.52 1.25 0.00	40.80 0.89 0.00	35.22 0.79 0.00	34.33 0.36 0.00	40.67 0.13 0.00	37.02 0.19 0.00	43.61 0.30 0.00	44.08 0.59 0.00	51.16 0.53 0.00	54.22 0.46 0.00	54.59 0.37 0.00	46.27 -0.53 0.00	37.62 -0.79 0.00	38.20 -0.85 0.00	38.65 -0.68 0.00	34.32 -0.30 0.00	33.56 -0.13 0.00
W.BABYLN_69_KV_BK1 56697	49.30 2.29 0.00	39.78 1.60 0.00	36.19 1.69 0.00	38.65 1.90 0.00	40.54 1.87 0.00	38.02 2.09 0.00	50.13 3.28 0.00	55.07 3.80 0.00	42.41 2.50 0.00	36.82 2.38 0.00	36.77 2.80 0.00	43.96 3.43 0.00	45.48 2.99 -5.66	46.16 2.85 0.00	46.22 2.74 0.00	54.04 3.41 0.00	65.11 4.01 -7.34	87.65 3.98 -29.45	60.20 3.73 -9.67	41.55 3.14 0.00	42.22 3.17 0.00	42.47 3.15 0.00	37.23 2.61 0.00	36.04 2.35 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	48.82 1.82 0.00	39.64 1.45 0.00	35.89 1.39 0.00	38.28 1.53 0.00	40.26 1.60 0.00	37.64 1.71 0.00	49.38 2.53 0.00	54.17 2.90 0.00	42.05 2.15 0.00	36.40 1.97 0.00	36.15 2.18 0.00	43.23 2.69 0.00	39.26 2.43 0.00	45.93 2.62 0.00	45.87 2.39 0.00	53.38 2.75 0.00	56.86 3.09 0.00	57.24 3.02 0.00	49.70 2.90 0.00	40.84 2.43 0.00	41.51 2.46 0.00	41.83 2.50 0.00	36.67 2.05 0.00	35.47 1.78 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	49.08 2.07 0.00	39.83 1.64 0.00	36.10 1.59 0.00	38.48 1.72 0.00	40.46 1.80 0.00	37.87 1.93 0.00	49.60 2.75 0.00	54.41 3.15 0.00	42.30 2.39 0.00	36.65 2.21 0.00	36.41 2.44 0.00	43.58 3.04 0.00	39.57 2.73 0.00	46.25 2.94 0.00	46.19 2.71 0.00	53.71 3.07 0.00	57.17 3.42 0.00	57.46 3.24 0.00	49.93 3.13 0.00	41.03 2.62 0.00	41.70 2.65 0.00	42.00 2.68 0.00	36.83 2.21 0.00	35.64 1.95 0.00
W50THST__13_KV_LOAD 356117	49.30 2.30 0.00	40.02 1.83 0.00	36.26 1.76 0.00	38.64 1.89 0.00	40.64 1.98 0.00	38.04 2.11 0.00	49.84 2.99 0.00	54.71 3.44 0.00	42.54 2.63 0.00	36.88 2.45 0.00	36.66 2.68 0.00	43.89 3.35 0.00	39.84 3.01 0.00	46.58 3.27 0.00	46.52 3.04 0.00	54.05 3.41 0.00	57.52 3.76 0.00	57.80 3.58 0.00	50.20 3.40 0.00	41.26 2.86 0.00	41.93 2.87 0.00	42.23 2.91 0.00	37.02 2.40 0.00	35.82 2.13 0.00
WADING RIVER_IC_1 23522	48.77 1.77 0.00	39.32 1.14 0.00	35.85 1.35 0.00	38.42 1.66 0.00	40.35 1.69 0.00	37.95 2.01 0.00	50.13 3.28 0.00	55.09 3.82 0.00	42.34 2.43 0.00	36.75 2.31 0.00	36.70 2.72 0.00	43.76 3.22 0.00	44.47 2.67 -4.97	45.76 2.44 0.00	45.73 2.26 0.00	53.34 2.71 0.00	63.63 3.44 -6.43	83.55 3.54 -25.79	58.57 3.30 -8.47	41.22 2.81 0.00	41.87 2.82 0.00	42.14 2.82 0.00	36.97 2.36 0.00	35.77 2.09 0.00
WADING RIVER_IC_2 23547	48.77 1.77 0.00	39.32 1.14 0.00	35.85 1.35 0.00	38.42 1.66 0.00	40.35 1.69 0.00	37.95 2.01 0.00	50.13 3.28 0.00	55.09 3.82 0.00	42.34 2.43 0.00	36.75 2.31 0.00	36.70 2.72 0.00	43.76 3.22 0.00	44.47 2.67 -4.97	45.76 2.44 0.00	45.73 2.26 0.00	53.34 2.71 0.00	63.63 3.44 -6.43	83.55 3.54 -25.79	58.57 3.30 -8.47	41.22 2.81 0.00	41.87 2.82 0.00	42.14 2.82 0.00	36.97 2.36 0.00	35.77 2.09 0.00
WADING RIVER_IC_3 23601	48.77 1.77 0.00	39.32 1.14 0.00	35.85 1.35 0.00	38.42 1.66 0.00	40.35 1.69 0.00	37.95 2.01 0.00	50.13 3.28 0.00	55.09 3.82 0.00	42.34 2.43 0.00	36.75 2.31 0.00	36.70 2.72 0.00	43.76 3.22 0.00	44.47 2.67 -4.97	45.76 2.44 0.00	45.73 2.26 0.00	53.34 2.71 0.00	63.63 3.44 -6.43	83.55 3.54 -25.79	58.57 3.30 -8.47	41.22 2.81 0.00	41.87 2.82 0.00	42.14 2.82 0.00	36.97 2.36 0.00	35.77 2.09 0.00
WALDENNY_12_KV_BK2 80841	44.59 -2.42 0.00	35.84 -2.35 0.00	31.89 -2.62 0.00	33.95 -2.80 0.00	35.66 -3.00 0.00	31.92 -3.74 0.28	41.55 -5.25 0.05	45.66 -5.61 0.00	35.72 -4.19 0.00	31.06 -3.38 0.00	30.97 -3.00 0.00	37.28 -3.26 0.00	33.89 -2.93 0.00	40.00 -3.31 0.00	40.35 -3.13 0.00	46.75 -3.88 0.00	49.29 -4.47 0.00	50.27 -3.95 0.00	42.96 -3.84 0.00	35.49 -2.92 0.00	35.70 -3.35 0.00	35.72 -3.60 0.00	31.26 -3.36 0.00	30.63 -3.06 0.00
WALDEN__HYDRO 24148	48.71 1.71 0.00	39.54 1.35 0.00	35.80 1.30 0.00	38.18 1.42 0.00	40.15 1.48 0.00	37.52 1.58 0.00	49.11 2.26 0.00	53.85 2.58 0.00	41.82 1.91 0.00	36.18 1.74 0.00	35.86 1.88 0.00	42.84 2.30 0.00	38.92 2.09 0.00	45.63 2.32 0.00	45.59 2.12 0.00	53.12 2.48 0.00	56.55 2.79 0.00	56.97 2.75 0.00	49.45 2.65 0.00	40.64 2.23 0.00	41.29 2.24 0.00	41.59 2.27 0.00	36.49 1.87 0.00	35.31 1.63 0.00
WARRENSBURG____ 23737	48.15 1.15 0.00	39.34 1.15 0.00	35.73 1.23 0.00	38.12 1.37 0.00	40.07 1.40 0.00	37.49 1.56 0.00	48.83 1.98 0.00	53.25 1.98 0.00	41.40 1.49 0.00	35.55 1.12 0.00	35.23 1.26 0.00	42.30 1.76 0.00	38.09 1.26 0.00	44.89 1.58 0.00	45.07 1.58 0.00	52.49 1.85 0.00	56.09 2.32 0.00	56.31 2.10 0.00	48.93 2.13 0.00	40.15 1.75 0.00	40.57 1.52 0.00	40.73 1.41 0.00	35.84 1.22 0.00	34.75 1.06 0.00
WATERSIDE____6 8 9 23538	49.08 2.07 0.00	39.85 1.67 0.00	36.13 1.62 0.00	38.49 1.74 0.00	40.47 1.81 0.00	37.90 1.97 0.00	49.59 2.73 0.00	54.42 3.16 0.00	42.33 2.42 0.00	36.66 2.22 0.00	36.44 2.45 -0.01	43.57 3.03 0.00	39.57 2.74 -0.01	46.23 2.92 0.00	46.17 2.69 0.00	53.64 3.00 0.00	57.08 3.32 0.00	57.33 3.11 0.00	49.89 3.09 0.00	41.02 2.61 0.00	41.71 2.66 0.00	42.01 2.69 0.00	36.84 2.22 0.00	35.65 1.96 0.00
WATKINRD_115KV_LN8_ILLION 55919	47.92 0.92 0.00	38.98 0.80 0.00	35.30 0.80 0.00	37.62 0.87 0.00	39.56 0.90 0.00	36.89 0.95 0.00	48.08 1.23 0.00	52.46 1.19 0.00	40.68 0.78 0.00	34.81 0.38 0.00	34.49 0.52 0.00	40.97 0.44 0.00	37.23 0.40 0.00	43.97 0.66 0.00	44.28 0.80 0.00	51.59 0.95 0.00	54.99 1.23 0.00	55.55 1.33 0.00	48.06 1.26 0.00	39.48 1.07 0.00	40.08 1.03 0.00	40.28 0.95 0.00	35.39 0.78 0.00	34.36 0.67 0.00

WDELAWARE___HYD 323627	47.89 0.89 0.00	38.86 0.68 0.00	35.17 0.67 0.00	37.51 0.76 0.00	39.45 0.79 0.00	36.88 0.95 0.00	48.35 1.50 0.00	53.01 1.74 0.00	41.10 1.19 0.00	35.53 1.10 0.00	35.11 1.14 0.00	41.79 1.25 0.00	38.01 1.18 0.00	44.67 1.36 0.00	44.69 1.21 0.00	52.23 1.59 0.00	55.62 1.86 0.00	56.11 1.89 0.00	48.66 1.86 0.00	39.97 1.57 0.00	40.59 1.54 0.00	40.86 1.54 0.00	35.84 1.22 0.00	34.67 0.98 0.00
WEST BABYLON___IC 23714	49.30 2.29 0.00	39.78 1.60 0.00	36.19 1.69 0.00	38.65 1.90 0.00	40.54 1.87 0.00	38.02 2.09 0.00	50.13 3.28 0.00	55.07 3.80 0.00	42.41 2.50 0.00	36.82 2.38 0.00	36.77 2.80 0.00	43.96 3.43 0.00	45.48 2.99 -5.66	46.16 2.85 0.00	46.22 2.74 0.00	54.04 3.41 0.00	65.11 4.01 -7.34	87.65 3.98 -29.45	60.20 3.73 -9.67	41.55 3.14 0.00	42.22 3.17 0.00	42.47 3.15 0.00	37.23 2.61 0.00	36.04 2.35 0.00
WEST CANADA___HYD 24049	46.95 -0.05 0.00	38.18 0.00 0.00	34.53 0.03 0.00	36.79 0.04 0.00	38.69 0.03 0.00	36.00 0.06 0.00	46.92 0.07 0.00	51.30 0.04 0.00	39.92 0.02 0.00	34.42 -0.01 0.00	33.98 0.01 0.00	40.56 0.02 0.00	36.86 0.03 0.00	43.35 0.04 0.00	43.51 0.03 0.00	50.67 0.03 0.00	53.84 0.08 0.00	54.28 0.06 0.00	46.93 0.13 0.00	38.55 0.14 0.00	39.17 0.12 0.00	39.43 0.10 0.00	34.68 0.06 0.00	33.72 0.03 0.00
WESTERN_NY_WIND 24143	45.46 -1.54 0.00	36.63 -1.56 0.00	32.66 -1.85 0.00	34.78 -1.98 0.00	36.59 -2.08 0.00	32.97 -2.77 0.20	42.94 -3.87 0.04	47.30 -3.97 0.00	37.03 -2.87 0.00	32.02 -2.41 0.00	31.62 -2.35 0.00	38.12 -2.42 0.00	34.90 -1.93 0.00	41.26 -2.05 0.00	41.67 -1.81 0.00	48.25 -2.38 0.00	50.92 -2.84 0.00	51.90 -2.32 0.00	44.34 -2.46 0.00	36.59 -1.82 0.00	36.81 -2.24 0.00	36.78 -2.55 0.00	32.12 -2.50 0.00	31.42 -2.27 0.00
WESTOVER___LESR 323668	46.70 -0.31 0.00	37.84 -0.34 0.00	34.12 -0.38 0.00	36.38 -0.38 0.00	38.24 -0.42 0.00	35.33 -0.49 0.11	46.30 -0.54 0.02	50.67 -0.60 0.00	39.37 -0.53 0.00	33.97 -0.46 0.00	33.57 -0.40 0.00	40.18 -0.35 0.00	36.54 -0.29 0.00	43.00 -0.31 0.00	43.13 -0.35 0.00	50.21 -0.43 0.00	53.32 -0.45 0.00	53.87 -0.35 0.00	46.53 -0.27 0.00	38.23 -0.17 0.00	38.79 -0.26 0.00	38.96 -0.36 0.00	34.24 -0.38 0.00	33.32 -0.37 0.00
WETHRSFD_WT_PWR 323626	44.52 -2.49 0.00	35.74 -2.44 0.00	31.84 -2.67 0.00	33.80 -2.96 0.00	35.44 -3.22 0.00	31.72 -3.81 0.41	41.19 -5.58 0.08	44.92 -6.34 0.00	34.94 -4.96 0.00	30.10 -4.33 0.00	29.96 -4.01 0.00	36.12 -4.42 0.00	32.88 -3.94 0.00	38.86 -4.44 0.00	39.36 -4.12 0.00	45.51 -5.13 0.00	48.15 -5.61 0.00	49.16 -5.06 0.00	42.20 -4.60 0.00	34.71 -3.70 0.00	35.07 -3.98 0.00	35.06 -4.27 0.00	30.81 -3.81 0.00	30.21 -3.48 0.00
WHAVSTOR_138KV_BK127 55557	48.56 1.56 0.00	39.42 1.24 0.00	35.70 1.20 0.00	38.09 1.34 0.00	40.05 1.39 0.00	37.45 1.51 0.00	49.21 2.36 0.00	53.96 2.70 0.00	41.90 1.99 0.00	36.27 1.83 0.00	36.02 2.05 0.00	43.00 2.46 0.00	39.01 2.19 0.00	45.66 2.35 0.00	45.57 2.09 0.00	53.05 2.41 0.00	56.48 2.72 0.00	56.86 2.64 0.00	49.38 2.58 0.00	40.58 2.17 0.00	41.25 2.20 0.00	41.58 2.26 0.00	36.46 1.84 0.00	35.29 1.60 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	48.56 1.56 0.00	39.42 1.24 0.00	35.70 1.20 0.00	38.09 1.34 0.00	40.05 1.39 0.00	37.45 1.51 0.00	49.21 2.36 0.00	53.96 2.70 0.00	41.90 1.99 0.00	36.27 1.83 0.00	36.02 2.05 0.00	43.00 2.46 0.00	39.01 2.19 0.00	45.66 2.35 0.00	45.57 2.09 0.00	53.05 2.41 0.00	56.48 2.72 0.00	56.86 2.64 0.00	49.38 2.58 0.00	40.58 2.17 0.00	41.25 2.20 0.00	41.58 2.26 0.00	36.46 1.84 0.00	35.29 1.60 0.00
WHITEHAL_115KV_TB1 80871	49.13 2.13 0.00	40.43 2.24 0.00	36.99 2.48 0.00	39.45 2.69 0.00	41.25 2.59 0.00	38.82 2.88 0.00	50.28 3.43 0.00	54.52 3.25 0.00	42.25 2.35 0.00	36.24 1.81 0.00	36.20 2.23 0.00	43.65 3.11 0.00	39.03 2.20 0.00	46.09 2.77 0.00	46.11 2.63 0.00	53.68 3.04 0.00	58.05 4.29 0.00	57.88 3.66 0.00	50.72 3.92 0.00	41.48 3.08 0.00	41.07 2.02 0.00	40.94 1.62 0.00	36.02 1.40 0.00	34.98 1.29 0.00
WHITEPLN_13_KV_LOAD 356215	49.09 2.09 0.00	39.84 1.65 0.00	36.08 1.58 0.00	38.48 1.73 0.00	40.46 1.79 0.00	37.85 1.92 0.00	49.61 2.76 0.00	54.42 3.16 0.00	42.27 2.37 0.00	36.61 2.18 0.00	36.35 2.37 0.00	43.50 2.96 0.00	39.49 2.67 0.00	46.22 2.91 0.00	46.15 2.67 0.00	53.75 3.11 0.00	57.24 3.48 0.00	57.63 3.41 0.00	50.03 3.23 0.00	41.11 2.70 0.00	41.74 2.70 0.00	42.06 2.73 0.00	36.85 2.24 0.00	35.66 1.97 0.00
WM_FLOYD_69_KV_BK2 356380	48.80 1.79 0.00	39.35 1.16 0.00	35.85 1.34 0.00	38.39 1.63 0.00	40.31 1.65 0.00	37.89 1.95 0.00	50.01 3.16 0.00	54.94 3.67 0.00	42.25 2.35 0.00	36.66 2.22 0.00	36.63 2.66 0.00	43.70 3.15 0.00	44.44 2.63 -4.98	45.77 2.46 0.00	45.77 2.29 0.00	53.37 2.74 0.00	63.68 3.47 -6.45	83.64 3.55 -25.87	58.61 3.31 -8.50	41.24 2.83 0.00	41.90 2.85 0.00	42.17 2.85 0.00	37.02 2.40 0.00	35.84 2.15 0.00
WOODARD___115KV_TB2 355635	45.84 -1.16 0.00	37.21 -0.97 0.00	33.61 -0.89 0.00	35.80 -0.95 0.00	37.66 -1.01 0.00	34.97 -0.96 0.00	45.64 -1.22 0.00	49.95 -1.32 0.00	38.90 -1.01 0.00	33.55 -0.88 0.00	33.09 -0.88 0.00	39.58 -0.96 0.00	36.02 -0.81 0.00	42.39 -0.92 0.00	42.57 -0.91 0.00	49.56 -1.08 0.00	52.64 -1.13 0.00	53.14 -1.08 0.00	45.86 -0.95 0.00	37.67 -0.74 0.00	38.21 -0.84 0.00	38.40 -0.93 0.00	33.74 -0.88 0.00	32.87 -0.82 0.00
WOODMERE_69_KV_BK1 55827	49.32 2.32 0.00	39.95 1.76 0.00	36.27 1.76 0.00	38.70 1.94 0.00	40.57 1.90 0.00	37.96 2.02 0.00	49.97 3.12 0.00	54.83 3.56 0.00	42.42 2.51 0.00	36.88 2.45 0.00	36.74 2.77 0.00	43.95 3.41 0.00	47.85 3.01 -8.02	46.40 3.09 0.00	46.40 2.92 0.00	54.07 3.44 0.00	68.17 3.93 -10.48	100.15 3.87 -42.06	64.22 3.61 -13.81	41.44 3.03 0.00	42.12 3.07 0.00	42.40 3.08 0.00	37.19 2.57 0.00	35.99 2.30 0.00
YORK___WARBASSE 23770	49.35 2.34 0.00	40.06 1.88 0.00	36.31 1.81 0.00	38.70 1.94 0.00	40.68 2.02 0.00	38.09 2.16 0.00	49.85 3.00 0.00	54.74 3.47 0.00	42.54 2.64 0.00	36.82 2.39 0.00	36.58 2.59 -0.01	43.74 3.20 0.00	39.75 2.92 -0.01	46.43 3.12 0.00	46.36 2.88 0.00	53.87 3.24 0.00	57.32 3.57 0.00	57.59 3.37 0.00	50.13 3.32 0.00	41.20 2.80 0.00	41.88 2.83 0.00	42.19 2.87 0.00	36.99 2.37 0.00	35.79 2.10 0.00