

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/29/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	39.59	40.09	38.99	34.51	32.40	39.57	60.97	51.95	48.22	44.25	45.33	51.48	45.03	44.34	42.46	42.99	47.31	53.58	45.61	44.23	44.55	39.34	37.24	33.51
24138	2.72	2.48	2.14	1.95	1.86	2.11	3.42	3.32	3.26	3.00	3.07	3.42	3.49	3.49	3.57	3.63	3.93	4.30	3.39	3.03	2.93	2.54	2.14	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
74TH STREET_GT_1	39.74	40.23	39.18	34.68	32.52	39.75	61.22	52.14	48.37	44.38	45.46	51.63	45.17	44.48	42.58	43.11	47.42	53.71	45.72	44.38	44.73	39.49	37.38	33.63
24260	2.86	2.62	2.33	2.12	1.98	2.29	3.67	3.50	3.42	3.13	3.20	3.58	3.63	3.63	3.69	3.75	4.03	4.43	3.50	3.18	3.11	2.69	2.28	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
74TH STREET_GT_2	39.74	40.23	39.18	34.68	32.52	39.75	61.22	52.14	48.37	44.38	45.46	51.63	45.17	44.48	42.58	43.11	47.42	53.71	45.72	44.38	44.73	39.49	37.38	33.63
24261	2.86	2.62	2.33	2.12	1.98	2.29	3.67	3.50	3.42	3.13	3.20	3.58	3.63	3.63	3.69	3.75	4.03	4.43	3.50	3.18	3.11	2.69	2.28	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
ADK HUDSON___FALLS	39.91	40.72	39.77	35.11	33.00	40.60	62.29	52.94	48.73	44.16	44.98	51.29	44.36	43.34	41.26	42.02	46.29	53.30	46.28	45.13	46.01	40.51	38.37	34.70
24011	3.04	3.11	2.92	2.54	2.46	3.14	4.74	4.31	3.78	2.91	2.71	3.24	2.82	2.49	2.38	2.66	2.91	4.02	4.05	3.93	4.37	3.72	3.27	2.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.27	41.09	40.10	35.42	33.29	40.97	62.82	53.41	49.11	44.40	45.23	51.61	44.58	43.46	41.40	42.29	46.56	53.78	46.78	45.56	46.49	40.95	38.74	35.04
23798	3.40	3.48	3.25	2.85	2.75	3.51	5.28	4.77	4.16	3.14	2.96	3.56	3.03	2.61	2.52	2.93	3.18	4.50	4.56	4.36	4.85	4.16	3.63	3.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	39.91	40.72	39.77	35.11	33.00	40.60	62.29	52.94	48.73	44.16	44.98	51.29	44.36	43.34	41.26	42.02	46.29	53.30	46.28	45.13	46.01	40.51	38.37	34.70
24028	3.04	3.11	2.92	2.54	2.46	3.14	4.74	4.31	3.78	2.91	2.71	3.24	2.82	2.49	2.38	2.66	2.91	4.02	4.05	3.93	4.37	3.72	3.27	2.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	38.40	39.47	38.59	34.14	32.10	39.39	60.15	51.06	47.34	43.08	44.17	50.21	43.51	42.58	40.27	40.43	44.45	51.09	43.94	43.09	43.94	38.77	36.72	33.35
23527	1.53	1.86	1.74	1.57	1.56	1.93	2.60	2.42	2.39	1.83	1.91	2.16	1.96	1.73	1.38	1.07	1.07	1.81	1.71	1.89	2.30	1.97	1.62	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.08	37.81	36.97	32.70	30.72	37.62	57.67	48.99	45.34	41.43	42.45	48.21	41.84	41.13	39.19	39.61	43.60	49.78	42.65	41.64	42.19	37.29	35.65	32.27
24190	0.20	0.20	0.12	0.14	0.17	0.16	0.12	0.35	0.39	0.17	0.18	0.15	0.30	0.28	0.30	0.25	0.22	0.50	0.42	0.43	0.55	0.50	0.54	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	36.72	37.61	36.91	32.62	30.59	37.51	57.63	48.48	44.67	41.05	42.04	47.84	41.08	40.28	38.24	38.72	42.84	48.65	41.76	40.79	41.16	36.48	35.04	32.15
355683	-0.16	0.00	0.07	0.06	0.05	0.06	0.08	-0.16	-0.28	-0.20	-0.22	-0.21	-0.47	-0.56	-0.64	-0.65	-0.54	-0.63	-0.46	-0.41	-0.48	-0.31	-0.06	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	37.95	38.69	37.87	33.50	31.44	38.52	59.13	50.12	46.31	42.28	43.24	49.03	42.43	41.76	39.85	40.34	44.46	50.76	43.60	42.60	43.16	38.10	36.31	32.89
323833	1.08	1.09	1.02	0.93	0.90	1.06	1.58	1.48	1.36	1.03	0.98	0.98	0.88	0.92	0.96	0.98	1.07	1.48	1.38	1.40	1.52	1.31	1.21	0.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	37.94	38.68	37.85	33.49	31.43	38.50	59.12	50.10	46.29	42.26	43.24	49.03	42.41	41.74	39.84	40.32	44.44	50.74	43.60	42.58	43.13	38.09	36.30	32.88
323834	1.07	1.07	1.00	0.92	0.89	1.05	1.57	1.47	1.34	1.01	0.98	0.97	0.87	0.89	0.95	0.96	1.06	1.46	1.37	1.38	1.49	1.30	1.20	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	37.08	37.81	36.97	32.70	30.72	37.62	57.67	48.99	45.34	41.43	42.45	48.21	41.84	41.13	39.19	39.61	43.60	49.78	42.65	41.64	42.19	37.29	35.65	32.27
23571	0.20	0.20	0.12	0.14	0.17	0.16	0.12	0.35	0.39	0.17	0.18	0.15	0.30	0.28	0.30	0.25	0.22	0.50	0.42	0.43	0.55	0.50	0.54	0.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	37.08 0.20 0.00	37.81 0.20 0.00	36.97 0.12 0.00	32.70 0.14 0.00	30.72 0.17 0.00	37.62 0.16 0.00	57.67 0.12 0.00	48.99 0.35 0.00	45.34 0.39 0.00	41.43 0.17 0.00	42.45 0.18 0.00	48.21 0.15 0.00	41.84 0.30 0.00	41.13 0.28 0.00	39.19 0.30 0.00	39.61 0.25 0.00	43.60 0.22 0.00	49.78 0.50 0.00	42.65 0.42 0.00	41.64 0.43 0.00	42.19 0.55 0.00	37.29 0.50 0.00	35.65 0.54 0.00	32.27 0.34 0.00
ALBANY___3 23573	37.08 0.20 0.00	37.81 0.20 0.00	36.97 0.12 0.00	32.70 0.14 0.00	30.72 0.17 0.00	37.62 0.16 0.00	57.67 0.12 0.00	48.99 0.35 0.00	45.34 0.39 0.00	41.43 0.17 0.00	42.45 0.18 0.00	48.21 0.15 0.00	41.84 0.30 0.00	41.13 0.28 0.00	39.19 0.30 0.00	39.61 0.25 0.00	43.60 0.22 0.00	49.78 0.50 0.00	42.65 0.42 0.00	41.64 0.43 0.00	42.19 0.55 0.00	37.29 0.50 0.00	35.65 0.54 0.00	32.27 0.34 0.00
ALBANY___4 23574	37.08 0.20 0.00	37.81 0.20 0.00	36.97 0.12 0.00	32.70 0.14 0.00	30.72 0.17 0.00	37.62 0.16 0.00	57.67 0.12 0.00	48.99 0.35 0.00	45.34 0.39 0.00	41.43 0.17 0.00	42.45 0.18 0.00	48.21 0.15 0.00	41.84 0.30 0.00	41.13 0.28 0.00	39.19 0.30 0.00	39.61 0.25 0.00	43.60 0.22 0.00	49.78 0.50 0.00	42.65 0.42 0.00	41.64 0.43 0.00	42.19 0.55 0.00	37.29 0.50 0.00	35.65 0.54 0.00	32.27 0.34 0.00
ALBANY___LFGE 323615	37.50 0.62 0.00	38.23 0.63 0.00	37.38 0.53 0.00	33.06 0.50 0.00	31.07 0.53 0.00	38.05 0.59 0.00	58.38 0.83 0.00	49.57 0.93 0.00	45.87 0.91 0.00	41.93 0.67 0.00	42.96 0.69 0.00	48.80 0.75 0.00	42.37 0.82 0.00	41.65 0.80 0.00	39.68 0.79 0.00	40.12 0.75 0.00	44.17 0.79 0.00	50.42 1.14 0.00	43.20 0.97 0.00	42.16 0.96 0.00	42.72 1.08 0.00	37.72 0.93 0.00	36.00 0.90 0.00	32.59 0.66 0.00
ALCOA_PA_115KV_PL-6C 55860	36.79 -0.09 0.00	37.68 0.07 0.00	36.98 0.13 0.00	32.68 0.12 0.00	30.65 0.10 0.00	37.59 0.13 0.00	57.81 0.26 0.00	48.61 -0.02 0.00	44.75 -0.20 0.00	41.08 -0.18 0.00	42.06 -0.20 0.00	47.86 -0.19 0.00	41.08 -0.46 0.00	40.29 -0.56 0.00	38.24 -0.65 0.00	38.70 -0.67 0.00	42.82 -0.56 0.00	48.66 -0.62 0.00	41.79 -0.44 0.00	40.87 -0.33 0.00	41.24 -0.40 0.00	36.57 -0.22 0.00	35.14 0.04 0.00	32.23 0.29 0.00
ALCOA_RYNLDS___DRP 24188	36.79 -0.09 0.00	37.68 0.07 0.00	36.98 0.13 0.00	32.68 0.12 0.00	30.65 0.10 0.00	37.59 0.13 0.00	57.81 0.26 0.00	48.61 -0.02 0.00	44.75 -0.20 0.00	41.08 -0.18 0.00	42.06 -0.20 0.00	47.86 -0.19 0.00	41.08 -0.46 0.00	40.29 -0.56 0.00	38.24 -0.65 0.00	38.70 -0.67 0.00	42.82 -0.56 0.00	48.66 -0.62 0.00	41.79 -0.44 0.00	40.87 -0.33 0.00	41.24 -0.40 0.00	36.57 -0.22 0.00	35.14 0.04 0.00	32.23 0.29 0.00
ALCOA___DSASP 323711	36.79 -0.09 0.00	37.68 0.07 0.00	36.98 0.13 0.00	32.68 0.12 0.00	30.65 0.11 0.00	37.59 0.13 0.00	57.81 0.26 0.00	48.61 -0.02 0.00	44.75 -0.20 0.00	41.08 -0.18 0.00	42.07 -0.20 0.00	47.86 -0.19 0.00	41.08 -0.46 0.00	40.29 -0.56 0.00	38.24 -0.65 0.00	38.70 -0.67 0.00	42.82 -0.56 0.00	48.66 -0.62 0.00	41.79 -0.44 0.00	40.87 -0.33 0.00	41.24 -0.40 0.00	36.57 -0.22 0.00	35.14 0.04 0.00	32.22 0.29 0.00
ALLEGHENY___COGEN 23514	38.00 1.13 0.00	38.13 0.52 0.00	37.26 0.41 0.00	32.92 0.36 0.00	30.79 0.25 0.00	38.14 0.68 0.00	59.41 1.86 0.00	50.24 1.61 0.00	46.51 1.56 0.00	42.58 1.33 0.00	43.72 1.46 0.00	49.39 1.33 0.00	42.86 1.32 0.00	42.12 1.27 0.00	39.53 0.64 0.00	40.05 0.68 0.00	44.03 0.65 0.00	50.11 0.83 0.00	43.36 1.14 0.00	42.24 1.04 0.00	42.57 1.14 0.21	37.78 0.99 0.00	36.09 0.99 0.00	32.43 0.50 0.00
ALTAMONT_115KV_TB 2 55880	37.62 0.75 0.00	38.33 0.72 0.00	37.49 0.64 0.00	33.16 0.59 0.00	31.12 0.58 0.00	38.13 0.67 0.00	58.52 0.97 0.00	49.68 1.04 0.00	45.94 0.99 0.00	42.01 0.75 0.00	43.02 0.75 0.00	48.85 0.80 0.00	42.41 0.87 0.00	41.68 0.83 0.00	39.73 0.85 0.00	40.21 0.84 0.00	44.26 0.88 0.00	50.45 1.17 0.00	43.24 1.02 0.00	42.16 0.97 0.00	42.71 1.07 0.00	37.69 0.90 0.00	35.87 0.76 0.00	32.48 0.54 0.00
ALTONA_WT_PWR 323606	37.46 0.59 0.00	38.42 0.81 0.00	37.69 0.85 0.00	33.49 0.92 0.00	31.49 0.95 0.00	38.57 1.11 0.00	59.14 1.60 0.00	50.21 1.57 0.00	46.12 1.17 0.00	42.12 0.86 0.00	43.25 0.99 0.00	49.19 1.13 0.00	42.14 0.59 0.00	41.31 0.46 0.00	39.18 0.29 0.00	39.86 0.50 0.00	43.98 0.60 0.00	50.24 0.96 0.00	43.10 0.87 0.00	41.51 0.31 0.00	41.53 -0.11 0.00	36.64 -0.15 0.00	35.13 0.04 0.00	32.19 0.25 0.00
AMERICAN_REF_FUEL 24010	35.02 -1.86 0.00	35.11 -2.50 0.01	34.41 -2.44 0.00	30.39 -2.18 0.00	28.35 -2.19 0.00	35.13 -2.33 0.00	54.41 -3.14 0.00	45.63 -3.01 0.00	42.26 -2.69 0.00	38.81 -2.45 0.00	40.20 -2.07 0.00	45.50 -2.55 0.00	39.60 -1.95 0.00	39.13 -1.72 0.00	36.56 -2.33 0.00	36.99 -2.38 0.00	40.35 -3.03 0.00	45.42 -3.86 -0.01	38.84 -3.38 0.00	37.58 -3.62 0.00	37.10 -3.73 0.81	33.86 -2.94 0.00	32.82 -2.29 0.00	29.70 -2.23 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	36.64 -0.23 0.00	36.68 -0.93 0.00	35.92 -0.93 0.00	31.72 -0.84 0.00	29.64 -0.90 0.00	36.72 -0.74 0.00	57.31 -0.24 0.00	48.25 -0.38 0.00	44.76 -0.19 0.00	41.13 -0.13 0.00	42.53 0.27 0.00	48.27 0.22 0.00	41.87 0.32 0.00	41.46 0.61 0.00	38.92 0.03 0.00	39.59 0.22 0.00	43.28 -0.10 0.00	48.72 -0.56 -0.01	41.53 -0.69 0.00	40.10 -1.10 0.00	39.66 -1.22 0.76	35.74 -1.05 0.00	34.28 -0.82 0.00	30.86 -1.07 0.00
ARTHUR KILL_GT_1 23520	43.20 2.58 -3.74	41.43 2.27 -1.55	42.69 2.03 -3.81	42.38 1.88 -7.93	42.10 1.78 -9.78	41.49 2.06 -1.97	59.89 3.07 0.74	48.77 2.93 2.80	45.31 2.92 2.56	40.99 2.86 3.12	43.77 2.67 1.16	50.43 3.01 0.64	42.02 3.12 2.64	43.22 3.14 0.77	41.89 3.34 0.34	42.48 3.38 0.27	46.91 3.66 0.13	53.31 4.03 0.00	45.34 3.12 0.00	44.02 2.82 0.00	44.44 2.83 0.02	39.30 2.51 0.00	38.80 2.11 -1.60	43.79 1.59 -10.26
ARTHUR_KILL_2 23512	43.05 2.44 -3.74	41.29 2.13 -1.55	42.54 1.88 -3.81	42.26 1.76 -7.93	41.99 1.67 -9.78	41.35 1.92 -1.97	59.68 2.86 0.74	48.59 2.76 2.80	45.15 2.76 2.56	40.85 2.71 3.12	43.62 2.51 1.16	50.25 2.83 0.64	41.88 2.97 2.64	43.08 2.99 0.77	41.74 3.20 0.34	42.34 3.24 0.27	46.75 3.49 0.13	53.11 3.84 0.00	45.17 2.95 0.00	43.87 2.67 0.00	44.28 2.67 0.02	39.17 2.37 0.00	38.68 1.99 -1.60	43.67 1.47 -10.26
ARTHUR_KILL_3 23513	42.18 2.24 -3.06	41.12 1.99 -1.52	42.40 1.74 -3.81	42.10 1.60 -7.93	41.84 1.51 -9.79	41.12 1.69 -1.98	59.50 2.68 0.74	48.53 2.68 2.79	45.03 2.64 2.56	43.36 2.43 0.33	44.53 2.48 0.22	50.83 2.78 0.00	44.89 2.94 -0.40	47.09 2.95 -3.29	42.50 3.07 -0.55	53.66 3.14 -11.16	47.73 3.41 -0.94	53.00 3.72 0.00	45.13 2.91 0.00	43.81 2.61 0.00	44.17 2.56 0.02	39.00 2.21 0.00	38.52 1.83 -1.60	43.49 1.30 -10.26

ARTHUR_KILL_COGEN 323718	43.20 2.58 -3.74	41.43 2.27 -1.55	42.69 2.03 -3.81	42.38 1.88 -7.93	42.10 1.78 -9.78	41.49 2.06 -1.97	59.89 3.07 0.74	48.77 2.93 2.80	45.31 2.92 2.56	40.99 2.86 3.12	43.77 2.67 1.16	50.43 3.01 0.64	42.02 3.12 2.64	43.22 3.14 0.77	41.89 3.34 0.34	42.48 3.38 0.27	46.91 3.66 0.13	53.31 4.03 0.00	45.34 3.12 0.00	44.02 2.82 0.00	44.44 2.83 0.02	39.30 2.51 0.00	38.80 2.11 -1.60	43.79 1.59 -10.26
ASHOKAN____ 23654	38.46 1.58 0.00	39.07 1.46 0.00	38.14 1.29 0.00	33.70 1.13 0.00	31.61 1.06 0.00	38.76 1.30 0.00	59.67 2.12 0.00	50.79 2.16 0.00	47.06 2.11 0.00	42.99 1.73 0.00	43.99 1.73 0.00	49.84 1.79 0.00	43.19 1.65 0.00	42.44 1.59 0.00	40.63 1.74 0.00	41.22 1.86 0.00	45.54 2.16 0.00	51.99 2.71 0.00	44.58 2.36 0.00	43.48 2.28 0.00	43.99 2.35 0.00	38.75 1.96 0.00	36.76 1.66 0.00	33.14 1.21 0.00
ASTORIA_EAST_ENERGY_CC1 323581	39.58 2.71 0.00	39.97 2.36 0.00	38.97 2.12 0.00	34.47 1.91 0.00	32.33 1.78 0.00	39.50 2.04 0.00	60.82 3.27 0.00	51.73 3.09 0.00	47.98 3.03 0.00	43.99 2.72 -0.01	45.09 2.83 0.00	51.17 3.12 0.00	44.78 3.24 0.00	44.10 3.25 0.00	42.22 3.33 0.00	42.70 3.33 0.00	46.98 3.60 0.00	53.21 3.93 0.00	45.34 3.11 0.00	43.99 2.79 0.00	44.38 2.77 0.02	39.23 2.43 0.00	37.15 2.05 0.00	33.39 1.46 0.00
ASTORIA_EAST_ENERGY_CC2 323582	39.58 2.71 0.00	39.97 2.36 0.00	38.97 2.12 0.00	34.47 1.91 0.00	32.33 1.78 0.00	39.50 2.04 0.00	60.82 3.27 0.00	51.73 3.09 0.00	47.98 3.03 0.00	43.99 2.72 -0.01	45.09 2.83 0.00	51.17 3.12 0.00	44.78 3.24 0.00	44.10 3.25 0.00	42.22 3.33 0.00	42.70 3.33 0.00	46.98 3.60 0.00	53.21 3.93 0.00	45.34 3.11 0.00	43.99 2.79 0.00	44.38 2.77 0.02	39.23 2.43 0.00	37.15 2.05 0.00	33.39 1.46 0.00
ASTORIA_GT2_1 24094	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT2_2 24095	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT2_3 24096	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT2_4 24097	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT3_1 24098	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT3_2 24099	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT3_3 24100	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT3_4 24101	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT4_1 24102	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT4_2 24103	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT4_3 24104	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00

ASTORIA_GT4_4 24105	39.60 2.73 0.00	39.99 2.38 0.00	38.92 2.08 0.00	34.49 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.87 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.85 0.00	51.20 3.14 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.73 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.39 2.78 0.02	39.24 2.44 0.00	37.18 2.08 0.00	33.40 1.47 0.00
ASTORIA_GT_1 23523	39.71 2.83 0.00	40.08 2.47 0.00	39.08 2.23 0.00	34.55 1.99 0.00	32.41 1.86 0.00	39.61 2.15 0.00	60.99 3.44 0.00	51.88 3.24 0.00	48.12 3.17 0.00	44.12 2.86 -0.01	45.23 2.97 0.00	51.33 3.27 0.00	44.92 3.37 0.00	44.24 3.39 0.00	42.35 3.46 0.00	42.83 3.46 0.00	47.12 3.73 0.00	53.37 4.09 0.00	45.46 3.24 0.00	44.11 2.91 0.00	44.50 2.89 0.02	39.33 2.54 0.00	37.25 2.15 0.00	33.47 1.54 0.00
ASTORIA_GT_10 24110	39.46 2.59 0.00	39.91 2.30 0.00	38.89 2.04 0.00	34.45 1.89 0.00	32.32 1.77 0.00	39.52 2.06 0.00	60.81 3.26 0.00	51.79 3.15 0.00	48.04 3.08 0.00	44.08 2.82 -0.01	45.11 2.84 0.00	51.21 3.16 0.00	44.82 3.28 0.00	44.14 3.29 0.00	42.28 3.39 0.00	42.79 3.42 0.00	47.05 3.67 0.00	53.30 4.02 0.00	45.39 3.16 0.00	44.05 2.85 0.00	44.42 2.80 0.02	39.24 2.45 0.00	37.15 2.05 0.00	33.42 1.49 0.00
ASTORIA_GT_11 24225	39.46 2.59 0.00	39.91 2.30 0.00	38.89 2.04 0.00	34.45 1.89 0.00	32.32 1.77 0.00	39.52 2.06 0.00	60.81 3.26 0.00	51.79 3.15 0.00	48.04 3.08 0.00	44.08 2.82 -0.01	45.11 2.84 0.00	51.21 3.16 0.00	44.82 3.28 0.00	44.14 3.29 0.00	42.28 3.39 0.00	42.79 3.42 0.00	47.05 3.67 0.00	53.30 4.02 0.00	45.39 3.16 0.00	44.05 2.85 0.00	44.42 2.80 0.02	39.24 2.45 0.00	37.15 2.05 0.00	33.42 1.49 0.00
ASTORIA_GT_12 24226	39.46 2.59 0.00	39.91 2.30 0.00	38.89 2.04 0.00	34.45 1.89 0.00	32.32 1.77 0.00	39.52 2.06 0.00	60.81 3.26 0.00	51.79 3.15 0.00	48.04 3.08 0.00	44.08 2.82 -0.01	45.11 2.84 0.00	51.21 3.16 0.00	44.82 3.28 0.00	44.14 3.29 0.00	42.28 3.39 0.00	42.79 3.42 0.00	47.05 3.67 0.00	53.30 4.02 0.00	45.39 3.16 0.00	44.05 2.85 0.00	44.42 2.80 0.02	39.24 2.45 0.00	37.15 2.05 0.00	33.42 1.49 0.00
ASTORIA_GT_13 24227	39.46 2.59 0.00	39.91 2.30 0.00	38.89 2.04 0.00	34.45 1.89 0.00	32.32 1.77 0.00	39.52 2.06 0.00	60.81 3.26 0.00	51.79 3.15 0.00	48.04 3.08 0.00	44.08 2.82 -0.01	45.11 2.84 0.00	51.21 3.16 0.00	44.82 3.28 0.00	44.14 3.29 0.00	42.28 3.39 0.00	42.79 3.42 0.00	47.05 3.67 0.00	53.30 4.02 0.00	45.39 3.16 0.00	44.05 2.85 0.00	44.42 2.80 0.02	39.24 2.45 0.00	37.15 2.05 0.00	33.42 1.49 0.00
ASTORIA_GT_5 24106	39.70 2.82 0.00	40.08 2.47 0.00	39.01 2.16 0.00	34.56 1.99 0.00	32.40 1.86 0.00	39.61 2.15 0.00	60.99 3.44 0.00	51.87 3.24 0.00	48.11 3.16 0.00	44.12 2.86 -0.01	45.22 2.95 0.00	51.33 3.27 0.00	44.92 3.38 0.00	44.24 3.39 0.00	42.35 3.46 0.00	42.83 3.46 0.00	47.11 3.73 0.00	53.37 4.09 0.00	45.46 3.24 0.00	44.11 2.91 0.00	44.51 2.89 0.02	39.34 2.54 0.00	37.25 2.15 0.00	33.47 1.54 0.00
ASTORIA_GT_7 24107	39.70 2.82 0.00	40.08 2.47 0.00	39.01 2.16 0.00	34.56 1.99 0.00	32.40 1.86 0.00	39.61 2.15 0.00	60.99 3.44 0.00	51.87 3.24 0.00	48.11 3.16 0.00	44.12 2.86 -0.01	45.22 2.95 0.00	51.33 3.27 0.00	44.92 3.38 0.00	44.24 3.39 0.00	42.35 3.46 0.00	42.83 3.46 0.00	47.11 3.73 0.00	53.37 4.09 0.00	45.46 3.24 0.00	44.11 2.91 0.00	44.51 2.89 0.02	39.34 2.54 0.00	37.25 2.15 0.00	33.47 1.54 0.00
ASTORIA_GT_8 24108	39.70 2.82 0.00	40.08 2.47 0.00	39.01 2.16 0.00	34.56 1.99 0.00	32.40 1.86 0.00	39.61 2.15 0.00	60.99 3.44 0.00	51.87 3.24 0.00	48.11 3.16 0.00	44.12 2.86 -0.01	45.22 2.95 0.00	51.33 3.27 0.00	44.92 3.38 0.00	44.24 3.39 0.00	42.35 3.46 0.00	42.83 3.46 0.00	47.11 3.73 0.00	53.37 4.09 0.00	45.46 3.24 0.00	44.11 2.91 0.00	44.51 2.89 0.02	39.34 2.54 0.00	37.25 2.15 0.00	33.47 1.54 0.00
ASTORIA___2 24149	39.60 2.73 0.00	39.99 2.38 0.00	38.99 2.15 0.00	34.48 1.92 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.86 3.31 0.00	51.76 3.12 0.00	47.99 3.04 0.00	44.01 2.75 -0.01	45.12 2.86 0.00	51.20 3.14 0.00	44.80 3.25 0.00	44.13 3.28 0.00	42.25 3.36 0.00	42.72 3.36 0.00	47.01 3.62 0.00	53.23 3.95 0.00	45.34 3.12 0.00	44.01 2.81 0.00	44.40 2.78 0.02	39.24 2.45 0.00	37.17 2.08 0.00	33.40 1.47 0.00
ASTORIA___3 23516	39.47 2.59 0.00	39.91 2.30 0.00	38.91 2.06 0.00	34.44 1.88 0.00	32.32 1.77 0.00	39.52 2.06 0.00	60.81 3.26 0.00	51.79 3.15 0.00	48.04 3.09 0.00	44.09 2.83 -0.01	45.11 2.85 0.00	51.21 3.16 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.28 3.39 0.00	42.79 3.42 0.00	47.06 3.68 0.00	53.30 4.02 0.00	45.39 3.16 0.00	44.05 2.85 0.00	44.42 2.81 0.02	39.24 2.45 0.00	37.15 2.05 0.00	33.42 1.49 0.00
ASTORIA___4 23517	39.46 2.59 0.00	39.91 2.30 0.00	38.89 2.04 0.00	34.45 1.89 0.00	32.32 1.77 0.00	39.52 2.06 0.00	60.81 3.26 0.00	51.79 3.15 0.00	48.04 3.08 0.00	44.08 2.82 -0.01	45.11 2.84 0.00	51.21 3.16 0.00	44.82 3.28 0.00	44.14 3.29 0.00	42.28 3.39 0.00	42.79 3.42 0.00	47.05 3.67 0.00	53.30 4.02 0.00	45.39 3.16 0.00	44.05 2.85 0.00	44.42 2.80 0.02	39.24 2.45 0.00	37.15 2.05 0.00	33.42 1.49 0.00
ASTORIA___5 23518	39.47 2.59 0.00	39.91 2.30 0.00	38.91 2.06 0.00	34.44 1.88 0.00	32.32 1.77 0.00	39.52 2.06 0.00	60.81 3.26 0.00	51.79 3.15 0.00	48.04 3.09 0.00	44.09 2.83 -0.01	45.11 2.85 0.00	51.21 3.16 0.00	44.81 3.26 0.00	44.13 3.28 0.00	42.28 3.39 0.00	42.79 3.42 0.00	47.06 3.68 0.00	53.30 4.02 0.00	45.38 3.16 0.00	44.05 2.85 0.00	44.42 2.81 0.02	39.24 2.45 0.00	37.15 2.05 0.00	33.42 1.49 0.00
AST_ENERGY_2_CC3 323677	39.25 2.38 0.00	39.75 2.14 0.00	38.71 1.86 0.00	34.28 1.71 0.00	32.15 1.61 0.00	39.28 1.82 0.00	60.46 2.91 0.00	51.48 2.85 0.00	47.77 2.82 0.00	43.84 2.58 0.00	44.90 2.63 0.00	50.98 2.92 0.00	44.59 3.04 0.00	43.91 3.06 0.00	42.06 3.18 0.00	42.57 3.21 0.00	46.86 3.47 0.00	53.08 3.81 0.00	45.21 2.98 0.00	43.87 2.67 0.00	44.23 2.62 0.02	39.07 2.28 0.00	36.99 1.89 0.00	33.29 1.35 0.00
AST_ENERGY_2_CC4 323678	39.25 2.38 0.00	39.75 2.14 0.00	38.71 1.86 0.00	34.28 1.71 0.00	32.15 1.61 0.00	39.28 1.82 0.00	60.46 2.91 0.00	51.48 2.85 0.00	47.77 2.82 0.00	43.84 2.58 0.00	44.90 2.63 0.00	50.98 2.92 0.00	44.59 3.04 0.00	43.91 3.06 0.00	42.06 3.18 0.00	42.57 3.21 0.00	46.86 3.47 0.00	53.08 3.81 0.00	45.21 2.98 0.00	43.87 2.67 0.00	44.23 2.62 0.02	39.07 2.28 0.00	36.99 1.89 0.00	33.29 1.35 0.00

ATHENS_STG_1 23668	37.84 0.97 0.00	38.49 0.88 0.00	37.63 0.78 0.00	33.28 0.71 0.00	31.23 0.68 0.00	38.23 0.77 0.00	58.70 1.15 0.00	49.90 1.26 0.00	46.20 1.24 0.00	42.29 1.03 0.00	43.30 1.03 0.00	49.15 1.10 0.00	42.79 1.24 0.00	42.08 1.23 0.00	40.17 1.29 0.00	40.63 1.27 0.00	44.73 1.35 0.00	50.89 1.61 0.00	43.52 1.30 0.00	42.39 1.19 0.00	42.86 1.24 0.02	37.83 1.04 0.00	35.90 0.80 0.00	32.45 0.51 0.00
ATHENS_STG_2 23670	37.84 0.97 0.00	38.49 0.88 0.00	37.63 0.78 0.00	33.28 0.71 0.00	31.23 0.68 0.00	38.23 0.77 0.00	58.70 1.15 0.00	49.90 1.26 0.00	46.20 1.24 0.00	42.29 1.03 0.00	43.30 1.03 0.00	49.15 1.10 0.00	42.79 1.24 0.00	42.08 1.23 0.00	40.17 1.29 0.00	40.63 1.27 0.00	44.73 1.35 0.00	50.89 1.61 0.00	43.52 1.30 0.00	42.39 1.19 0.00	42.86 1.24 0.02	37.83 1.04 0.00	35.90 0.80 0.00	32.45 0.51 0.00
ATHENS_STG_3 23677	37.84 0.97 0.00	38.49 0.88 0.00	37.63 0.78 0.00	33.28 0.71 0.00	31.23 0.68 0.00	38.23 0.77 0.00	58.70 1.15 0.00	49.90 1.26 0.00	46.20 1.24 0.00	42.29 1.03 0.00	43.30 1.03 0.00	49.15 1.10 0.00	42.79 1.24 0.00	42.08 1.23 0.00	40.17 1.29 0.00	40.63 1.27 0.00	44.73 1.35 0.00	50.89 1.61 0.00	43.52 1.30 0.00	42.39 1.19 0.00	42.86 1.24 0.02	37.83 1.04 0.00	35.90 0.80 0.00	32.45 0.51 0.00
AUBURN___LFGE 323710	37.22 0.34 0.00	37.73 0.12 0.00	36.94 0.09 0.00	32.61 0.04 0.00	30.43 -0.11 0.00	37.37 -0.09 0.00	57.72 0.17 0.00	48.84 0.20 0.00	45.10 0.15 0.00	41.27 0.01 0.00	42.37 0.11 0.00	48.14 0.09 0.00	41.81 0.27 0.00	41.07 0.22 0.00	39.21 0.32 0.00	39.76 0.39 0.00	43.86 0.48 0.00	49.81 0.54 0.00	42.56 0.34 0.00	41.51 0.30 0.00	41.93 0.30 0.00	37.00 0.21 0.00	35.22 0.12 0.00	31.83 -0.11 0.00
BABYLON_RES_REC 323704	106.66 3.15 -66.63	42.00 2.95 -1.44	39.49 2.64 0.00	35.74 2.37 -0.81	32.65 2.11 0.00	39.90 2.45 0.00	61.21 3.66 0.00	52.14 3.50 0.00	48.20 3.25 0.00	44.32 3.06 0.00	44.97 2.70 0.00	50.68 2.63 0.00	44.92 3.38 0.00	44.05 3.20 0.00	42.55 3.48 -0.18	42.70 3.34 0.00	46.72 3.34 0.00	54.96 3.72 -1.96	45.46 3.24 0.00	44.33 3.13 0.00	44.67 3.05 0.02	39.45 2.66 0.00	37.41 2.31 0.00	33.76 1.82 0.00
BABYLON___69_KV_BK2 356345	107.07 3.57 -66.63	42.39 3.33 -1.44	39.86 3.01 0.00	36.06 2.68 -0.81	32.91 2.36 0.00	40.22 2.77 0.00	61.70 4.15 0.00	52.55 3.92 0.00	48.61 3.66 0.00	44.76 3.51 0.00	45.37 3.10 0.00	51.11 3.05 0.00	45.30 3.76 0.00	44.64 3.79 0.00	43.28 4.21 -0.18	43.48 4.11 0.00	47.71 4.33 0.00	56.13 4.88 -1.96	46.49 4.26 0.00	45.20 4.00 0.00	45.49 3.88 0.02	39.86 3.06 0.00	37.77 2.67 0.00	34.06 2.13 0.00
BALL_HILL_WT_PWR 323825	36.24 -0.63 0.00	36.29 -1.32 0.00	35.54 -1.31 0.00	31.40 -1.17 0.00	29.34 -1.21 0.00	36.32 -1.14 0.00	56.55 -1.00 0.00	47.59 -1.04 0.00	44.12 -0.84 0.00	40.55 -0.70 0.00	41.93 -0.33 0.00	47.59 -0.47 0.00	41.34 -0.21 0.00	40.92 0.07 0.00	38.40 -0.49 0.00	39.02 -0.35 0.00	42.67 -0.71 0.00	48.07 -1.22 -0.01	40.99 -1.24 0.00	39.58 -1.62 0.00	39.10 -1.74 0.79	35.36 -1.43 0.00	34.02 -1.08 0.00	30.63 -1.31 0.00
BARON_WINDS___WT_PWR 323822	36.62 -0.25 0.00	36.77 -0.83 0.00	36.01 -0.84 0.00	31.85 -0.71 0.00	29.81 -0.73 0.00	36.82 -0.64 0.00	57.29 -0.25 0.00	48.35 -0.29 0.00	44.79 -0.16 0.00	41.13 -0.13 0.00	42.34 0.07 0.00	48.09 0.04 0.00	41.80 0.26 0.00	41.32 0.47 0.00	39.04 0.15 0.00	39.70 0.34 0.00	43.54 0.16 0.00	49.16 -0.12 0.00	41.97 -0.26 0.00	40.66 -0.54 0.00	40.57 -0.64 0.43	36.21 -0.58 0.00	34.63 -0.47 0.00	31.14 -0.80 0.00
BARRETT_IC_1 23704	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_10 23701	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_11 23702	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_12 23703	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_2 23705	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_3 23706	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_4 23707	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00

BARRETT_IC_5 23708	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_6 23709	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_7 23710	106.31 2.81 -66.63	41.65 2.60 -1.44	39.19 2.34 0.00	35.48 2.11 -0.81	32.44 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.58 0.00	47.68 2.73 0.00	43.89 2.63 0.00	44.64 2.38 0.00	50.39 2.33 0.00	44.46 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	55.00 3.75 -1.96	45.39 3.16 0.00	44.14 2.94 0.00	44.40 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_8 23711	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT_IC_9 23700	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT___1 23545	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BARRETT___2 23546	106.32 2.81 -66.63	41.65 2.59 -1.45	39.19 2.34 0.00	35.48 2.11 -0.81	32.45 1.90 0.00	39.64 2.18 0.00	60.46 2.91 0.00	51.21 2.57 0.00	47.68 2.73 0.00	43.90 2.64 0.00	44.64 2.37 0.00	50.39 2.33 0.00	44.45 2.91 0.00	43.86 3.01 0.00	42.41 3.34 -0.18	42.64 3.27 0.00	46.78 3.39 0.00	54.99 3.75 -1.96	45.38 3.16 0.00	44.14 2.94 0.00	44.41 2.79 0.02	39.17 2.37 0.00	37.23 2.13 0.00	33.54 1.61 0.00
BATAVIA__115KV_TB1 55881	36.76 -0.12 0.00	36.87 -0.73 0.01	36.06 -0.79 0.00	31.85 -0.72 0.00	29.74 -0.80 0.00	36.85 -0.61 0.00	57.23 -0.32 0.00	48.25 -0.39 0.00	44.71 -0.25 0.00	41.01 -0.25 0.00	42.35 0.09 0.00	48.03 -0.02 0.00	41.76 0.22 0.00	41.25 0.40 0.00	38.75 -0.13 0.00	39.21 -0.16 0.00	42.81 -0.57 0.00	48.40 -0.88 0.00	41.42 -0.81 0.00	40.20 -1.00 0.00	40.12 -1.07 0.45	36.02 -0.77 0.00	34.68 -0.42 0.00	31.29 -0.64 0.00
BAYONEEC___CTG1 323682	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00
BAYONEEC___CTG10 323750	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00
BAYONEEC___CTG2 323683	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00
BAYONEEC___CTG3 323684	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00
BAYONEEC___CTG4 323685	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00
BAYONEEC___CTG5 323686	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00
BAYONEEC___CTG6 323687	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00

BAYONEEC___CTG7 323688	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00
BAYONEEC___CTG8 323689	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00
BAYONEEC___CTG9 323749	39.28 2.40 0.00	39.77 2.17 0.00	38.75 1.90 0.00	34.32 1.75 0.00	32.19 1.65 0.00	39.30 1.85 0.00	59.72 2.94 0.77	48.74 2.89 2.79	45.25 2.86 2.56	43.42 2.61 0.44	44.70 2.66 0.22	51.01 2.96 0.00	44.63 3.09 0.00	43.95 3.10 0.00	42.09 3.21 0.00	42.62 3.25 0.00	46.91 3.53 0.00	53.14 3.86 0.00	45.26 3.03 0.00	43.92 2.71 0.00	44.28 2.66 0.02	39.12 2.33 0.00	37.04 1.94 0.00	33.33 1.40 0.00
BEACON___LESR 323632	37.76 0.88 0.00	38.41 0.80 0.00	37.44 0.58 0.00	33.20 0.63 0.00	31.15 0.61 0.00	38.18 0.72 0.00	58.68 1.13 0.00	49.80 1.17 0.00	46.09 1.14 0.00	42.22 0.96 0.00	43.25 0.99 0.00	48.98 0.92 0.00	42.50 0.96 0.00	41.76 0.91 0.00	39.82 0.93 0.00	40.32 0.95 0.00	44.44 1.06 0.00	50.86 1.59 0.00	43.51 1.28 0.00	42.44 1.24 0.00	42.96 1.32 0.00	37.90 1.11 0.00	36.14 1.04 0.00	32.68 0.75 0.00
BEAVER RIVER___HYD 24048	36.92 0.05 0.00	37.73 0.12 0.00	36.89 0.04 0.00	32.56 0.00 0.00	30.52 -0.02 0.00	37.53 0.07 0.00	58.16 0.61 0.00	49.12 0.48 0.00	45.02 0.07 0.00	40.99 -0.27 0.00	41.96 -0.31 0.00	47.44 -0.61 0.00	40.91 -0.63 0.00	40.25 -0.60 0.00	38.26 -0.63 0.00	38.58 -0.78 0.00	42.79 -0.60 0.00	49.11 -0.17 0.00	42.41 0.18 0.00	41.74 0.54 0.00	42.32 0.69 0.00	37.42 0.63 0.00	35.60 0.50 0.00	31.71 -0.23 0.00
BEEBEE_GT_13 23619	36.36 -0.51 0.00	36.64 -0.96 0.01	35.85 -1.00 0.00	31.67 -0.90 0.00	29.62 -0.92 0.00	36.55 -0.90 0.00	56.60 -0.95 0.00	47.78 -0.86 0.00	44.25 -0.70 0.00	40.68 -0.58 0.00	41.95 -0.32 0.00	47.61 -0.45 0.00	41.35 -0.19 0.00	40.85 0.00 0.00	38.51 -0.37 0.00	39.01 -0.35 0.00	42.78 -0.60 0.00	48.37 -0.91 0.00	41.41 -0.82 0.00	40.23 -0.97 0.00	40.72 -1.03 -0.11	35.99 -0.81 0.00	34.52 -0.58 0.00	31.20 -0.74 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.92 3.11 -7.94	41.95 2.79 -1.55	43.18 2.52 -3.81	42.81 2.31 -7.93	42.48 2.15 -9.78	41.95 2.52 -1.97	61.54 3.95 -0.03	52.33 3.69 0.00	48.56 3.60 0.00	87.95 3.37 -43.32	45.60 3.34 0.00	51.84 3.79 0.00	82.89 3.87 -37.47	112.09 3.86 -67.38	56.51 3.95 -13.67	77.38 4.00 -34.02	65.90 4.31 -18.21	54.01 4.71 -0.02	45.94 3.71 0.00	44.59 3.39 0.00	44.98 3.36 0.02	39.74 2.94 0.00	39.21 2.52 -1.60	44.11 1.91 -10.26
BETHLEHEM___GRP 23843	37.08 0.20 0.00	37.81 0.20 0.00	36.97 0.12 0.00	32.70 0.14 0.00	30.72 0.17 0.00	37.62 0.16 0.00	57.67 0.12 0.00	48.99 0.35 0.00	45.34 0.39 0.00	41.43 0.17 0.00	42.45 0.18 0.00	48.21 0.15 0.00	41.84 0.30 0.00	41.13 0.28 0.00	39.19 0.30 0.00	39.61 0.25 0.00	43.60 0.22 0.00	49.78 0.50 0.00	42.65 0.42 0.00	41.64 0.43 0.00	42.19 0.55 0.00	37.29 0.50 0.00	35.65 0.54 0.00	32.27 0.34 0.00
BETHLEHEM___GS1 323560	37.07 0.20 0.00	37.81 0.20 0.00	36.97 0.12 0.00	32.70 0.14 0.00	30.72 0.17 0.00	37.62 0.16 0.00	57.67 0.12 0.00	48.99 0.35 0.00	45.34 0.39 0.00	41.43 0.18 0.00	42.45 0.18 0.00	48.21 0.15 0.00	41.84 0.30 0.00	41.13 0.28 0.00	39.19 0.30 0.00	39.61 0.25 0.00	43.60 0.22 0.00	49.78 0.50 0.00	42.65 0.42 0.00	41.64 0.43 0.00	42.19 0.55 0.00	37.29 0.49 0.00	35.64 0.54 0.00	32.27 0.34 0.00
BETHLEHEM___GS2 323561	37.07 0.20 0.00	37.81 0.20 0.00	36.97 0.12 0.00	32.70 0.14 0.00	30.72 0.17 0.00	37.62 0.16 0.00	57.67 0.12 0.00	48.99 0.35 0.00	45.34 0.39 0.00	41.43 0.18 0.00	42.45 0.18 0.00	48.21 0.15 0.00	41.84 0.30 0.00	41.13 0.28 0.00	39.19 0.30 0.00	39.61 0.25 0.00	43.60 0.22 0.00	49.78 0.50 0.00	42.65 0.42 0.00	41.64 0.43 0.00	42.19 0.55 0.00	37.29 0.49 0.00	35.64 0.54 0.00	32.27 0.34 0.00
BETHLEHEM___GS3 323562	37.07 0.20 0.00	37.81 0.20 0.00	36.97 0.12 0.00	32.70 0.14 0.00	30.72 0.17 0.00	37.62 0.16 0.00	57.67 0.12 0.00	48.99 0.35 0.00	45.34 0.39 0.00	41.43 0.18 0.00	42.45 0.18 0.00	48.21 0.15 0.00	41.84 0.30 0.00	41.13 0.28 0.00	39.19 0.30 0.00	39.61 0.25 0.00	43.60 0.22 0.00	49.78 0.50 0.00	42.65 0.42 0.00	41.64 0.43 0.00	42.19 0.55 0.00	37.29 0.49 0.00	35.64 0.54 0.00	32.27 0.34 0.00
BETHLEHEM___STEEL 23779	36.10 -0.77 0.00	36.16 -1.44 0.00	35.41 -1.44 0.00	31.29 -1.28 0.00	29.22 -1.32 0.00	36.18 -1.28 0.00	56.17 -1.38 0.00	47.23 -1.41 0.00	43.77 -1.18 0.00	40.29 -0.97 0.00	41.68 -0.58 0.00	47.25 -0.81 0.00	41.10 -0.44 0.00	40.66 -0.19 0.00	38.10 -0.79 0.00	38.62 -0.75 0.00	42.18 -1.20 0.00	47.50 -1.79 -0.01	40.56 -1.67 0.00	39.16 -2.04 0.00	38.71 -2.13 0.79	35.09 -1.70 0.00	33.84 -1.26 0.00	30.52 -1.42 0.00
BETHLHEM_115KV_TB1 79974	37.11 0.24 0.00	37.85 0.24 0.00	37.01 0.16 0.00	32.73 0.17 0.00	30.75 0.20 0.00	37.66 0.21 0.00	57.76 0.21 0.00	49.05 0.42 0.00	45.39 0.44 0.00	41.48 0.22 0.00	42.49 0.23 0.00	48.26 0.21 0.00	41.88 0.34 0.00	41.17 0.32 0.00	39.23 0.35 0.00	39.65 0.29 0.00	43.65 0.27 0.00	49.83 0.55 0.00	42.70 0.47 0.00	41.68 0.48 0.00	42.25 0.61 0.00	37.33 0.53 0.00	35.68 0.58 0.00	32.30 0.36 0.00
BETHPAGE_CC_5 323564	106.47 2.96 -66.63	41.86 2.80 -1.44	39.36 2.51 0.00	35.64 2.26 -0.81	32.56 2.02 0.00	39.80 2.34 0.00	60.98 3.43 0.00	51.91 3.28 0.00	48.08 3.13 0.00	44.24 2.98 0.00	44.95 2.69 0.00	50.72 2.67 0.00	44.85 3.31 0.00	44.26 3.41 0.00	42.76 3.70 -0.18	42.96 3.60 0.00	47.12 3.74 0.00	55.41 4.17 -1.96	45.76 3.53 0.00	44.50 3.30 0.00	44.78 3.17 0.02	39.36 2.56 0.00	37.47 2.36 0.00	33.78 1.84 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.24 -0.64 0.00	36.29 -1.31 0.00	35.53 -1.32 0.00	31.40 -1.17 0.00	29.33 -1.21 0.00	36.30 -1.16 0.00	56.38 -1.17 0.00	47.42 -1.21 0.00	43.97 -0.99 0.00	40.46 -0.79 0.00	41.86 -0.40 0.00	47.47 -0.58 0.00	41.27 -0.27 0.00	40.84 -0.01 0.00	38.29 -0.60 0.00	38.82 -0.55 0.00	42.41 -0.97 0.00	47.76 -1.53 -0.01	40.77 -1.45 0.00	39.33 -1.87 0.00	38.89 -1.97 0.78	35.23 -1.56 0.00	33.95 -1.15 0.00	30.60 -1.33 0.00

BINGHAMTON___COGEN 23790	37.18 0.30 0.00	37.59 -0.02 0.00	36.79 -0.06 0.00	32.51 -0.05 0.00	30.48 -0.07 0.00	37.48 0.03 0.00	58.03 0.48 0.00	49.11 0.47 0.00	45.47 0.52 0.00	41.70 0.44 0.00	42.77 0.51 0.00	48.61 0.56 0.00	42.21 0.67 0.00	41.68 0.82 0.00	39.64 0.75 0.00	40.24 0.88 0.00	44.28 0.90 0.00	50.24 0.95 0.00	42.92 0.70 0.00	41.69 0.49 0.00	41.89 0.43 0.18	37.08 0.29 0.00	35.28 0.18 0.00	31.84 -0.10 0.00
BIXINCNT_115KV_LOAD 355685	36.76 -0.11 0.00	36.79 -0.81 0.00	36.00 -0.85 0.00	31.83 -0.73 0.00	29.77 -0.77 0.00	36.85 -0.61 0.00	57.40 -0.15 0.00	48.42 -0.21 0.00	44.90 -0.05 0.00	41.32 0.07 0.00	42.66 0.40 0.00	48.40 0.35 0.00	42.03 0.49 0.00	41.63 0.78 0.00	39.05 0.16 0.00	39.66 0.30 0.00	43.42 0.04 0.00	48.81 -0.48 -0.01	41.63 -0.60 0.00	40.12 -1.08 0.00	39.76 -1.14 0.73	35.86 -0.94 0.00	34.48 -0.62 0.00	30.91 -1.02 0.00
BLACK RIVER___HYD 24047	37.11 0.23 0.00	37.86 0.25 0.00	36.96 0.11 0.00	32.60 0.03 0.00	30.51 -0.03 0.00	37.55 0.09 0.00	58.45 0.90 0.00	49.43 0.79 0.00	45.20 0.25 0.00	41.17 -0.09 0.00	42.22 -0.04 0.00	47.64 -0.41 0.00	41.09 -0.46 0.00	40.44 -0.41 0.00	38.37 -0.52 0.00	38.67 -0.70 0.00	42.87 -0.51 0.00	49.29 0.01 0.00	42.67 0.44 0.00	42.20 1.00 0.00	42.87 1.23 0.00	37.90 1.10 0.00	35.97 0.87 0.00	31.88 -0.06 0.00
BLACKRVR_115KV_TB2 79977	37.11 0.23 0.00	37.86 0.25 0.00	36.96 0.11 0.00	32.60 0.03 0.00	30.51 -0.03 0.00	37.55 0.09 0.00	58.45 0.90 0.00	49.43 0.79 0.00	45.21 0.25 0.00	41.17 -0.09 0.00	42.22 -0.04 0.00	47.64 -0.41 0.00	41.09 -0.46 0.00	40.44 -0.41 0.00	38.37 -0.52 0.00	38.67 -0.70 0.00	42.87 -0.51 0.00	49.29 0.01 0.00	42.67 0.45 0.00	42.20 1.00 0.00	42.87 1.23 0.00	37.90 1.10 0.00	35.97 0.86 0.00	31.88 -0.05 0.00
BLISS_WT_PWR 323608	36.76 -0.11 0.00	36.79 -0.82 0.00	36.01 -0.84 0.00	31.84 -0.73 0.00	29.77 -0.78 0.00	36.85 -0.61 0.00	57.40 -0.15 0.00	48.42 -0.21 0.00	44.90 -0.05 0.00	41.30 0.04 0.00	42.67 0.41 0.00	48.43 0.38 0.00	42.07 0.53 0.00	41.65 0.80 0.00	39.07 0.18 0.00	39.68 0.31 0.00	43.44 0.05 0.00	48.79 -0.50 -0.01	41.61 -0.61 0.00	40.10 -1.10 0.00	39.74 -1.17 0.73	35.85 -0.95 0.00	34.47 -0.63 0.00	30.86 -1.07 0.00
BLUESTONE___WT_PWR 323821	38.98 2.11 0.00	39.34 1.73 0.00	38.55 1.70 0.00	34.04 1.48 0.00	31.93 1.38 0.00	39.33 1.88 0.00	61.01 3.46 0.00	51.70 3.07 0.00	47.80 2.85 0.00	43.75 2.50 0.00	44.79 2.53 0.00	50.80 2.75 0.00	44.25 2.71 0.00	43.73 2.88 0.00	41.57 2.68 0.00	42.05 2.68 0.00	46.44 3.06 0.00	52.82 3.54 0.00	45.22 3.00 0.00	43.68 2.48 0.00	43.43 1.93 0.13	38.29 1.49 0.00	35.54 0.44 0.00	32.13 0.19 0.00
BLUE_CIRC_CHEM_DRP 24182	37.67 0.80 0.00	38.41 0.80 0.00	37.59 0.74 0.00	33.25 0.69 0.00	31.22 0.67 0.00	38.25 0.79 0.00	58.69 1.14 0.00	49.76 1.13 0.00	46.00 1.05 0.00	42.03 0.77 0.00	43.02 0.76 0.00	48.81 0.76 0.00	42.29 0.75 0.00	41.59 0.74 0.00	39.67 0.78 0.00	40.12 0.76 0.00	44.18 0.80 0.00	50.41 1.13 0.00	43.26 1.03 0.00	42.23 1.03 0.00	42.79 1.15 0.00	37.78 0.98 0.00	36.01 0.91 0.00	32.63 0.70 0.00
BOC_GAS_DRP 24189	37.49 0.61 0.00	38.19 0.58 0.00	37.37 0.52 0.00	33.03 0.47 0.00	31.01 0.47 0.00	37.99 0.53 0.00	58.29 0.74 0.00	49.48 0.85 0.00	45.79 0.84 0.00	41.89 0.63 0.00	42.91 0.65 0.00	48.72 0.67 0.00	42.31 0.76 0.00	41.59 0.74 0.00	39.65 0.77 0.00	40.09 0.73 0.00	44.14 0.75 0.00	50.28 1.00 0.00	43.05 0.82 0.00	41.98 0.79 0.00	42.50 0.87 0.00	37.53 0.73 0.00	35.72 0.62 0.00	32.35 0.41 0.00
BOONVILLE_115KV_TB1 79983	37.59 0.72 0.00	38.31 0.70 0.00	37.46 0.61 0.00	33.09 0.53 0.00	31.03 0.49 0.00	38.14 0.68 0.00	58.93 1.38 0.00	49.82 1.18 0.00	45.93 0.97 0.00	41.95 0.70 0.00	42.93 0.66 0.00	48.64 0.59 0.00	42.07 0.53 0.00	41.44 0.59 0.00	39.49 0.61 0.00	39.94 0.57 0.00	44.20 0.81 0.00	50.46 1.18 0.00	43.41 1.19 0.00	42.45 1.25 0.00	42.93 1.30 0.00	37.89 1.10 0.00	36.02 0.92 0.00	32.34 0.41 0.00
BORALEX_4TH_BRANCH 23824	38.40 1.53 0.00	39.47 1.86 0.00	38.58 1.73 0.00	34.13 1.57 0.00	32.10 1.56 0.00	39.39 1.94 0.00	60.15 2.60 0.00	51.06 2.43 0.00	47.34 2.39 0.00	43.08 1.82 0.00	44.17 1.91 0.00	50.21 2.16 0.00	43.51 1.96 0.00	42.58 1.73 0.00	40.27 1.38 0.00	40.43 1.07 0.00	44.45 1.07 0.00	51.08 1.81 0.00	43.94 1.72 0.00	43.09 1.89 0.00	43.94 2.31 0.00	38.77 1.97 0.00	36.72 1.62 0.00	33.35 1.41 0.00
BOWLINE___1 23526	38.80 1.93 0.00	39.36 1.75 0.00	38.39 1.54 0.00	33.95 1.39 0.00	31.85 1.31 0.00	38.95 1.49 0.00	59.99 2.44 0.00	51.15 2.51 0.00	47.43 2.47 0.00	43.48 2.22 0.00	44.54 2.28 0.00	50.56 2.51 0.00	44.17 2.62 0.00	43.49 2.64 0.00	41.63 2.75 0.00	42.15 2.79 0.00	46.43 3.05 0.00	52.69 3.41 0.00	44.91 2.68 0.00	43.61 2.41 0.00	44.00 2.38 0.02	38.76 1.97 0.00	36.70 1.60 0.00	33.03 1.10 0.00
BOWLINE___2 23595	38.81 1.93 0.00	39.37 1.76 0.00	38.39 1.54 0.00	33.95 1.39 0.00	31.85 1.31 0.00	38.95 1.49 0.00	59.99 2.44 0.00	51.15 2.51 0.00	47.43 2.48 0.00	43.48 2.22 0.00	44.54 2.28 0.00	50.56 2.51 0.00	44.17 2.62 0.00	43.49 2.64 0.00	41.63 2.75 0.00	42.15 2.79 0.00	46.43 3.05 0.00	52.69 3.41 0.00	44.91 2.68 0.00	43.61 2.41 0.00	44.00 2.38 0.02	38.76 1.97 0.00	36.70 1.60 0.00	33.03 1.10 0.00
BRADY___115KV_TB2 356060	37.03 0.16 0.00	37.91 0.30 0.00	37.20 0.35 0.00	32.88 0.31 0.00	30.84 0.29 0.00	37.84 0.38 0.00	58.25 0.70 0.00	48.86 0.23 0.00	44.74 -0.21 0.00	40.91 -0.34 0.00	41.87 -0.39 0.00	47.65 -0.40 0.00	40.88 -0.67 0.00	40.07 -0.78 0.00	38.01 -0.88 0.00	38.42 -0.94 0.00	42.57 -0.82 0.00	48.44 -0.84 0.00	41.71 -0.51 0.00	41.09 -0.11 0.00	41.53 -0.10 0.00	36.84 0.05 0.00	35.41 0.31 0.00	32.41 0.48 0.00
BRANSCOMB___SOLAR 323811	39.07 2.20 0.00	39.89 2.28 0.00	38.99 2.14 0.00	34.44 1.88 0.00	32.36 1.82 0.00	39.75 2.30 0.00	60.99 3.44 0.00	51.75 3.12 0.00	47.68 2.73 0.00	43.31 2.06 0.00	44.20 1.94 0.00	50.38 2.32 0.00	43.63 2.08 0.00	42.77 1.92 0.00	40.71 1.83 0.00	41.30 1.94 0.00	45.49 2.11 0.00	52.24 2.96 0.00	45.13 2.90 0.00	44.09 2.89 0.00	44.84 3.20 0.00	39.51 2.71 0.00	37.46 2.36 0.00	33.91 1.98 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	106.69 3.19 -66.63	42.00 2.95 -1.44	39.50 2.65 0.00	35.78 2.40 -0.81	32.66 2.12 0.00	39.91 2.45 0.00	61.25 3.70 0.00	52.19 3.55 0.00	48.22 3.27 0.00	44.42 3.16 0.00	44.88 2.62 0.00	50.37 2.31 0.00	44.74 3.20 0.00	44.03 3.19 0.00	42.86 3.79 -0.18	43.05 3.69 0.00	47.20 3.82 0.00	55.52 4.28 -1.96	46.09 3.87 0.00	44.81 3.61 0.00	45.16 3.54 0.02	39.50 2.70 0.00	37.44 2.34 0.00	33.80 1.87 0.00

BRISTLHL_115KV_TB1 79998	36.30 -0.58 0.00	36.84 -0.77 0.00	36.04 -0.81 0.00	31.84 -0.72 0.00	29.86 -0.68 0.00	36.69 -0.76 0.00	56.56 -1.00 0.00	47.85 -0.78 0.00	44.24 -0.71 0.00	40.51 -0.75 0.00	41.60 -0.66 0.00	47.20 -0.85 0.00	40.92 -0.62 0.00	40.30 -0.55 0.00	38.41 -0.47 0.00	38.93 -0.43 0.00	42.84 -0.55 0.00	48.72 -0.56 0.00	41.73 -0.50 0.00	40.72 -0.48 0.00	41.16 -0.47 0.00	36.34 -0.46 0.00	34.59 -0.51 0.00	31.34 -0.60 0.00
BROOKHAVEN___DRP 24191	106.17 2.67 -66.63	41.47 2.42 -1.44	38.95 2.10 0.00	35.23 1.86 -0.81	32.18 1.63 0.00	39.33 1.88 0.00	60.18 2.63 0.00	51.23 2.59 0.00	47.38 2.43 0.00	43.87 2.62 0.00	44.35 2.09 0.00	49.86 1.81 0.00	44.34 2.80 0.00	43.80 2.95 0.00	42.39 3.32 -0.18	42.51 3.15 0.00	46.89 3.51 0.00	55.60 4.36 -1.96	45.99 3.76 0.00	44.53 3.33 0.00	44.65 3.03 0.02	38.91 2.11 0.00	36.89 1.79 0.00	33.31 1.37 0.00
BROOKLYN_NAVY_YARD 23515	39.35 2.48 0.00	39.85 2.24 0.00	38.81 1.96 0.00	34.35 1.78 0.00	32.22 1.68 0.00	39.34 1.89 0.00	60.58 3.03 0.00	51.61 2.97 0.00	47.88 2.93 0.00	43.93 2.68 0.00	44.99 2.73 0.00	51.08 3.03 0.00	44.69 3.15 0.00	43.99 3.14 0.00	42.14 3.25 0.00	42.65 3.29 0.00	46.94 3.56 0.00	53.18 3.90 0.00	45.27 3.04 0.00	43.94 2.73 0.00	44.31 2.69 0.02	39.15 2.35 0.00	37.05 1.95 0.00	33.33 1.39 0.00
BROOKLYN___ARMY_DRP 323595	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
BROOKVLE_69_KV_TB1 55790	106.80 3.30 -66.63	42.15 3.10 -1.44	39.62 2.77 0.00	35.86 2.49 -0.81	32.78 2.24 0.00	40.06 2.61 0.00	61.44 3.89 0.00	52.25 3.61 0.00	48.39 3.44 0.00	44.51 3.26 0.00	45.34 3.08 0.00	51.19 3.14 0.00	45.19 3.65 0.00	44.72 3.88 0.00	43.17 4.11 -0.18	43.31 3.94 0.00	47.54 4.16 0.00	55.86 4.62 -1.96	46.10 3.88 0.00	44.87 3.67 0.00	45.19 3.58 0.02	39.71 2.92 0.00	37.63 2.53 0.00	33.90 1.96 0.00
BROOME_2_LFGE 323671	37.18 0.30 0.00	37.58 -0.03 0.00	36.79 -0.06 0.00	32.52 -0.05 0.00	30.47 -0.07 0.00	37.48 0.03 0.00	58.03 0.48 0.00	49.11 0.48 0.00	45.47 0.52 0.00	41.70 0.44 0.00	42.78 0.51 0.00	48.61 0.55 0.00	42.22 0.68 0.00	41.68 0.84 0.00	39.64 0.75 0.00	40.24 0.88 0.00	44.28 0.90 0.00	50.24 0.95 0.00	42.92 0.70 0.00	41.69 0.49 0.00	41.89 0.43 0.18	37.08 0.29 0.00	35.28 0.18 0.00	31.84 -0.10 0.00
BROOME___LFGE 323600	37.18 0.30 0.00	37.58 -0.03 0.00	36.79 -0.06 0.00	32.52 -0.05 0.00	30.47 -0.07 0.00	37.48 0.03 0.00	58.03 0.48 0.00	49.11 0.48 0.00	45.47 0.52 0.00	41.70 0.44 0.00	42.78 0.51 0.00	48.61 0.55 0.00	42.22 0.68 0.00	41.68 0.84 0.00	39.64 0.75 0.00	40.24 0.88 0.00	44.28 0.90 0.00	50.24 0.95 0.00	42.92 0.70 0.00	41.69 0.49 0.00	41.89 0.43 0.18	37.08 0.29 0.00	35.28 0.18 0.00	31.84 -0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	36.54 -0.33 0.00	37.39 -0.22 0.00	36.61 -0.24 0.00	32.34 -0.22 0.00	30.33 -0.22 0.00	37.25 -0.21 0.00	57.58 0.03 0.00	48.47 -0.17 0.00	44.42 -0.53 0.00	40.42 -0.83 0.00	41.36 -0.90 0.00	46.91 -1.14 0.00	40.37 -1.17 0.00	39.64 -1.21 0.00	37.60 -1.28 0.00	37.94 -1.42 0.00	42.07 -1.31 0.00	48.19 -1.09 0.00	41.55 -0.67 0.00	40.86 -0.34 0.00	41.39 -0.25 0.00	36.68 -0.11 0.00	35.07 -0.03 0.00	31.58 -0.36 0.00
BROWNSV1_27_KV_LOAD 356125	39.88 3.01 0.00	40.35 2.74 0.00	39.29 2.44 0.00	34.78 2.21 0.00	32.60 2.05 0.00	39.83 2.36 0.00	61.33 3.78 0.00	52.23 3.59 0.00	48.45 3.50 0.00	44.46 3.20 0.00	45.55 3.29 0.00	51.75 3.70 0.00	45.26 3.71 0.00	44.57 3.72 0.00	42.69 3.80 0.00	43.21 3.85 0.00	47.55 4.17 0.00	53.84 4.56 0.00	45.85 3.62 0.00	44.49 3.29 0.00	44.84 3.22 0.02	39.61 2.81 0.00	37.49 2.39 0.00	33.74 1.80 0.00
BURROWS___LYONSDAL 23803	37.45 0.58 0.00	38.19 0.58 0.00	37.35 0.50 0.00	32.99 0.42 0.00	30.93 0.39 0.00	38.03 0.57 0.00	58.81 1.26 0.00	49.70 1.06 0.00	45.75 0.80 0.00	41.76 0.50 0.00	42.73 0.47 0.00	48.40 0.34 0.00	41.82 0.28 0.00	41.20 0.34 0.00	39.24 0.35 0.00	39.66 0.30 0.00	43.90 0.52 0.00	50.21 0.93 0.00	43.22 0.99 0.00	42.31 1.11 0.00	42.83 1.20 0.00	37.81 1.02 0.00	35.95 0.84 0.00	32.17 0.24 0.00
CAITHNESS_CC_1 323624	106.14 2.63 -66.63	41.45 2.40 -1.44	38.94 2.09 0.00	35.23 1.85 -0.81	32.18 1.64 0.00	39.33 1.87 0.00	60.17 2.62 0.00	51.25 2.61 0.00	47.39 2.44 0.00	43.84 2.59 0.00	44.31 2.05 0.00	49.82 1.77 0.00	44.30 2.76 0.00	43.75 2.90 0.00	42.34 3.27 -0.18	42.47 3.10 0.00	46.80 3.41 0.00	55.41 4.16 -1.96	45.82 3.60 0.00	44.43 3.22 0.00	44.57 2.96 0.02	38.88 2.08 0.00	36.87 1.77 0.00	33.30 1.37 0.00
CALPINE BETH_PAGE_GT4 24209	106.49 2.99 -66.63	41.92 2.87 -1.44	39.42 2.57 0.00	35.70 2.32 -0.81	32.62 2.07 0.00	39.86 2.40 0.00	61.09 3.54 0.00	51.97 3.33 0.00	48.14 3.19 0.00	44.26 3.01 0.00	44.99 2.72 0.00	50.77 2.72 0.00	44.87 3.33 0.00	44.32 3.47 0.00	42.83 3.76 -0.18	43.04 3.67 0.00	47.22 3.84 0.00	55.51 4.27 -1.96	45.84 3.62 0.00	44.58 3.39 0.00	44.85 3.23 0.02	39.40 2.61 0.00	37.47 2.37 0.00	33.80 1.86 0.00
CALPINE_BETH_PAGE_GT_4 323586	106.49 2.99 -66.63	41.92 2.87 -1.44	39.42 2.57 0.00	35.69 2.32 -0.81	32.61 2.07 0.00	39.86 2.40 0.00	61.09 3.54 0.00	51.97 3.34 0.00	48.15 3.19 0.00	44.27 3.02 0.00	44.99 2.72 0.00	50.77 2.72 0.00	44.87 3.33 0.00	44.32 3.48 0.00	42.83 3.76 -0.18	43.04 3.67 0.00	47.22 3.84 0.00	55.51 4.27 -1.96	45.84 3.61 0.00	44.58 3.38 0.00	44.85 3.24 0.02	39.40 2.61 0.00	37.47 2.37 0.00	33.80 1.86 0.00
CALPINE_BP_GT1 23823	106.49 2.99 -66.63	41.92 2.87 -1.44	39.42 2.57 0.00	35.69 2.32 -0.81	32.61 2.07 0.00	39.86 2.40 0.00	61.09 3.54 0.00	51.97 3.34 0.00	48.15 3.19 0.00	44.27 3.02 0.00	44.99 2.72 0.00	50.77 2.72 0.00	44.87 3.33 0.00	44.32 3.48 0.00	42.83 3.76 -0.18	43.04 3.67 0.00	47.22 3.84 0.00	55.51 4.27 -1.96	45.84 3.61 0.00	44.58 3.38 0.00	44.85 3.24 0.02	39.40 2.61 0.00	37.47 2.37 0.00	33.80 1.86 0.00
CALSPAN___DRP 24200	36.10 -0.77 0.00	36.16 -1.44 0.00	35.41 -1.44 0.00	31.29 -1.28 0.00	29.22 -1.32 0.00	36.18 -1.28 0.00	56.17 -1.38 0.00	47.23 -1.41 0.00	43.77 -1.18 0.00	40.29 -0.97 0.00	41.68 -0.58 0.00	47.25 -0.81 0.00	41.10 -0.44 0.00	40.66 -0.19 0.00	38.10 -0.79 0.00	38.62 -0.75 0.00	42.18 -1.20 0.00	47.50 -1.79 -0.01	40.56 -1.67 0.00	39.16 -2.04 0.00	38.71 -2.13 0.79	35.09 -1.70 0.00	33.84 -1.26 0.00	30.52 -1.42 0.00

CALVERTON___SOLAR 323806	106.25 2.74 -66.63	41.53 2.48 -1.44	38.99 2.14 0.00	35.26 1.89 -0.81	32.22 1.67 0.00	39.39 1.93 0.00	60.22 2.67 0.00	51.27 2.63 0.00	47.44 2.49 0.00	43.98 2.72 0.00	44.47 2.21 0.00	49.99 1.94 0.00	44.46 2.92 0.00	43.92 3.07 0.00	42.51 3.44 -0.18	42.63 3.27 0.00	47.07 3.69 0.00	55.85 4.61 -1.96	46.19 3.97 0.00	44.70 3.50 0.00	44.80 3.18 0.02	38.99 2.20 0.00	36.96 1.87 0.00	33.37 1.44 0.00
CANDIGU_WT_PWR 323617	36.62 -0.25 0.00	36.77 -0.83 0.00	36.01 -0.84 0.00	31.85 -0.71 0.00	29.81 -0.73 0.00	36.82 -0.64 0.00	57.29 -0.25 0.00	48.35 -0.29 0.00	44.79 -0.16 0.00	41.13 -0.13 0.00	42.34 0.07 0.00	48.09 0.04 0.00	41.80 0.26 0.00	41.32 0.47 0.00	39.04 0.15 0.00	39.70 0.34 0.00	43.54 0.16 0.00	49.16 -0.12 0.00	41.97 -0.26 0.00	40.66 -0.54 0.00	40.57 -0.64 0.43	36.21 -0.58 0.00	34.63 -0.47 0.00	31.14 -0.80 0.00
CARR STREET_E_SYR 24060	36.59 -0.29 0.00	37.11 -0.50 0.00	36.31 -0.54 0.00	32.08 -0.48 0.00	30.08 -0.46 0.00	36.96 -0.49 0.00	57.01 -0.54 0.00	48.26 -0.38 0.00	44.64 -0.31 0.00	40.94 -0.31 0.00	42.04 -0.22 0.00	47.79 -0.26 0.00	41.45 -0.09 0.00	40.85 0.00 0.00	38.89 0.00 0.00	39.38 0.02 0.00	43.33 -0.06 0.00	49.21 -0.07 0.00	42.13 -0.10 0.00	41.04 -0.16 0.00	41.46 -0.18 0.00	36.60 -0.19 0.00	34.86 -0.24 0.00	31.56 -0.37 0.00
CARTHAGE___PAPER 23857	37.24 0.36 0.00	38.04 0.43 0.00	37.16 0.31 0.00	32.79 0.22 0.00	30.71 0.17 0.00	37.79 0.33 0.00	58.70 1.15 0.00	49.59 0.95 0.00	45.34 0.39 0.00	41.26 0.00 0.00	42.22 -0.04 0.00	47.69 -0.36 0.00	41.10 -0.44 0.00	40.43 -0.41 0.00	38.41 -0.48 0.00	38.70 -0.66 0.00	43.00 -0.38 0.00	49.45 0.17 0.00	42.76 0.54 0.00	42.22 1.02 0.00	42.84 1.21 0.00	37.87 1.08 0.00	35.99 0.89 0.00	31.99 0.06 0.00
CASSADAGA_WT_PWR 323784	36.88 0.01 0.00	36.89 -0.71 0.00	36.12 -0.73 0.00	31.91 -0.66 0.00	29.82 -0.73 0.00	36.94 -0.52 0.00	57.67 0.12 0.00	48.62 -0.02 0.00	45.13 0.18 0.00	41.48 0.22 0.00	42.87 0.61 0.00	48.66 0.61 0.00	42.19 0.64 0.00	41.79 0.95 0.00	39.23 0.35 0.00	39.88 0.51 0.00	43.64 0.25 0.00	49.14 -0.15 0.00	41.90 -0.33 0.00	40.40 -0.80 0.00	40.01 -0.88 0.75	36.01 -0.79 0.00	34.52 -0.58 0.00	31.05 -0.88 0.00
CE_DUNWOOD___DRP 24194	39.10 2.22 0.00	39.63 2.02 0.00	38.63 1.78 0.00	34.17 1.60 0.00	32.05 1.51 0.00	39.18 1.72 0.00	60.32 2.77 0.00	51.37 2.74 0.00	47.65 2.70 0.00	43.68 2.43 0.00	44.71 2.45 0.00	50.76 2.71 0.00	44.37 2.83 0.00	43.70 2.85 0.00	41.84 2.95 0.00	42.35 2.99 0.00	46.61 3.23 0.00	52.89 3.61 0.00	45.09 2.87 0.00	43.79 2.59 0.00	44.16 2.55 0.02	38.95 2.16 0.00	36.89 1.78 0.00	33.20 1.27 0.00
CE_MILLWOOD___DRP 24193	39.00 2.13 0.00	39.55 1.94 0.00	38.55 1.70 0.00	34.10 1.53 0.00	31.98 1.44 0.00	39.10 1.64 0.00	60.20 2.65 0.00	51.28 2.64 0.00	47.55 2.60 0.00	43.58 2.33 0.00	44.63 2.37 0.00	50.67 2.61 0.00	44.29 2.75 0.00	43.59 2.74 0.00	41.72 2.84 0.00	42.25 2.88 0.00	46.50 3.12 0.00	52.78 3.49 0.00	45.00 2.77 0.00	43.71 2.50 0.00	44.08 2.47 0.02	38.87 2.08 0.00	36.81 1.71 0.00	33.15 1.21 0.00
CE_NYC2_DRP 24202	39.47 2.60 0.00	39.93 2.32 0.00	38.90 2.05 0.00	34.47 1.90 0.00	32.33 1.78 0.00	39.54 2.08 0.00	60.86 3.31 0.00	51.82 3.19 0.00	48.07 3.11 0.00	44.11 2.85 -0.01	45.14 2.88 0.00	51.26 3.21 0.00	44.87 3.32 0.00	44.18 3.33 0.00	42.32 3.43 0.00	42.83 3.46 0.00	47.10 3.72 0.00	53.35 4.07 0.00	45.43 3.21 0.00	44.09 2.89 0.00	44.45 2.84 0.02	39.27 2.47 0.00	37.18 2.08 0.00	33.45 1.52 0.00
CE_NYC_DRP 24195	39.36 2.48 0.00	39.86 2.25 0.00	38.82 1.97 0.00	34.37 1.81 0.00	32.23 1.69 0.00	39.39 1.93 0.00	60.60 3.05 0.00	51.63 2.99 0.00	47.89 2.94 0.00	43.95 2.69 0.00	45.02 2.75 0.00	51.12 3.07 0.00	44.72 3.18 0.00	44.05 3.20 0.00	42.19 3.30 0.00	42.71 3.35 0.00	47.00 3.61 0.00	53.24 3.96 0.00	45.33 3.10 0.00	43.99 2.79 0.00	44.35 2.73 0.02	39.18 2.38 0.00	37.09 1.99 0.00	33.39 1.45 0.00
CHAFFEE___LFGE 323603	36.36 -0.51 0.00	36.41 -1.20 0.00	35.65 -1.20 0.00	31.48 -1.09 0.00	29.40 -1.15 0.00	36.40 -1.06 0.00	56.58 -0.97 0.00	47.63 -1.01 0.00	44.10 -0.86 0.00	40.57 -0.68 0.00	42.00 -0.26 0.00	47.62 -0.43 0.00	41.41 -0.14 0.00	40.99 0.14 0.00	38.37 -0.51 0.00	38.92 -0.44 0.00	42.53 -0.85 0.00	47.90 -1.38 0.00	40.90 -1.33 0.00	39.46 -1.74 0.00	39.03 -1.84 0.76	35.34 -1.46 0.00	34.08 -1.02 0.00	30.71 -1.23 0.00
CHATEAUG_35_KV_LOAD 355732	36.96 0.08 0.00	37.88 0.27 0.00	37.16 0.31 0.00	32.99 0.43 0.00	31.00 0.45 0.00	37.96 0.50 0.00	58.28 0.73 0.00	49.29 0.66 0.00	45.33 0.38 0.00	41.52 0.26 0.00	42.59 0.32 0.00	48.43 0.38 0.00	41.49 -0.05 0.00	40.66 -0.19 0.00	38.53 -0.36 0.00	39.09 -0.28 0.00	43.17 -0.22 0.00	49.17 -0.11 0.00	42.19 -0.03 0.00	40.96 -0.24 0.00	41.18 -0.45 0.00	36.38 -0.42 0.00	34.90 -0.20 0.00	32.02 0.08 0.00
CHATEAUG_WT_PWR 323614	36.89 0.02 0.00	37.79 0.18 0.00	37.07 0.23 0.00	32.93 0.37 0.00	30.96 0.42 0.00	37.92 0.46 0.00	58.21 0.66 0.00	49.26 0.62 0.00	45.36 0.41 0.00	41.56 0.30 0.00	42.63 0.37 0.00	48.49 0.43 0.00	41.56 0.01 0.00	40.72 -0.13 0.00	38.61 -0.28 0.00	39.17 -0.19 0.00	43.24 -0.14 0.00	49.25 -0.03 0.00	42.22 -0.01 0.00	41.03 -0.17 0.00	41.28 -0.36 0.00	36.42 -0.37 0.00	34.93 -0.17 0.00	32.01 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	36.96 0.08 0.00	37.88 0.27 0.00	37.16 0.31 0.00	32.99 0.43 0.00	31.00 0.45 0.00	37.96 0.50 0.00	58.28 0.73 0.00	49.29 0.66 0.00	45.33 0.38 0.00	41.52 0.26 0.00	42.59 0.32 0.00	48.43 0.38 0.00	41.49 -0.05 0.00	40.66 -0.19 0.00	38.53 -0.36 0.00	39.09 -0.28 0.00	43.17 -0.22 0.00	49.17 -0.11 0.00	42.19 -0.03 0.00	40.96 -0.24 0.00	41.18 -0.45 0.00	36.38 -0.42 0.00	34.90 -0.20 0.00	32.02 0.08 0.00
CHAUTAUQUA___LFGE 323629	36.57 -0.30 0.00	36.59 -1.01 0.00	35.84 -1.01 0.00	31.66 -0.91 0.00	29.58 -0.96 0.00	36.65 -0.81 0.00	57.19 -0.36 0.00	48.14 -0.49 0.00	44.64 -0.31 0.00	41.02 -0.23 0.00	42.40 0.14 0.00	48.12 0.07 0.00	41.76 0.21 0.00	41.35 0.50 0.00	38.83 -0.06 0.00	39.53 0.16 0.00	43.26 -0.12 0.00	48.70 -0.58 -0.01	41.50 -0.73 0.00	40.09 -1.11 0.00	39.63 -1.24 0.77	35.73 -1.06 0.00	34.31 -0.80 0.00	30.85 -1.08 0.00
CHERRYST_13_KV_LD 356241	39.49 2.62 0.00	40.00 2.39 0.00	38.95 2.10 0.00	34.49 1.92 0.00	32.35 1.80 0.00	39.52 2.06 0.00	60.83 3.28 0.00	51.83 3.19 0.00	48.10 3.15 0.00	44.15 2.89 0.00	45.23 2.97 0.00	51.37 3.32 0.00	44.93 3.38 0.00	44.25 3.40 0.00	42.38 3.50 0.00	42.91 3.55 0.00	47.20 3.82 0.00	53.47 4.19 0.00	45.51 3.28 0.00	44.15 2.95 0.00	44.50 2.88 0.02	39.30 2.50 0.00	37.20 2.10 0.00	33.49 1.55 0.00

CHESTROR_138KV_BK263 355645	38.60 1.72 0.00	39.15 1.55 0.00	38.19 1.34 0.00	33.77 1.20 0.00	31.68 1.14 0.00	38.75 1.29 0.00	59.67 2.11 0.00	50.81 2.17 0.00	47.08 2.13 0.00	43.15 1.90 0.00	44.20 1.94 0.00	50.19 2.13 0.00	43.78 2.24 0.00	43.11 2.26 0.00	41.21 2.33 0.00	41.73 2.37 0.00	45.98 2.60 0.00	52.24 2.96 0.00	44.58 2.36 0.00	43.33 2.13 0.00	43.73 2.11 0.02	38.53 1.74 0.00	36.51 1.41 0.00	32.88 0.95 0.00
CH_MIDHUDSON___DRP 24192	38.91 2.04 0.00	39.46 1.86 0.00	38.49 1.64 0.00	34.03 1.46 0.00	31.92 1.38 0.00	39.06 1.60 0.00	60.13 2.58 0.00	51.22 2.59 0.00	47.47 2.52 0.00	43.44 2.19 0.00	44.48 2.22 0.00	50.55 2.50 0.00	44.11 2.57 0.00	43.40 2.55 0.00	41.50 2.61 0.00	42.02 2.65 0.00	46.23 2.85 0.00	52.55 3.27 0.00	44.87 2.64 0.00	43.62 2.42 0.00	44.04 2.42 0.02	38.83 2.04 0.00	36.77 1.67 0.00	33.13 1.19 0.00
CH_MISC_IPPS 23765	39.21 2.33 0.00	39.73 2.12 0.00	38.74 1.89 0.00	34.24 1.67 0.00	32.11 1.57 0.00	39.29 1.83 0.00	60.53 2.98 0.00	51.56 2.93 0.00	47.75 2.80 0.00	43.72 2.46 0.00	44.78 2.52 0.00	50.93 2.87 0.00	44.46 2.92 0.00	43.77 2.92 0.00	41.85 2.96 0.00	42.38 3.02 0.00	46.67 3.29 0.00	53.03 3.75 0.00	45.26 3.04 0.00	43.98 2.78 0.00	44.38 2.77 0.02	39.11 2.32 0.00	37.03 1.93 0.00	33.33 1.40 0.00
CH_RES_BVR_FALLS 23983	36.60 -0.28 0.00	37.45 -0.16 0.00	36.76 -0.09 0.00	32.50 -0.07 0.00	30.46 -0.08 0.00	37.38 -0.08 0.00	57.41 -0.14 0.00	48.39 -0.24 0.00	44.67 -0.29 0.00	41.02 -0.23 0.00	42.02 -0.25 0.00	47.79 -0.26 0.00	41.18 -0.36 0.00	40.44 -0.41 0.00	38.44 -0.45 0.00	38.91 -0.45 0.00	42.97 -0.41 0.00	48.90 -0.38 0.00	41.98 -0.25 0.00	40.97 -0.23 0.00	41.39 -0.25 0.00	36.61 -0.18 0.00	34.99 -0.11 0.00	31.86 -0.07 0.00
CH_RES_NIAGARA 23895	34.81 -2.06 0.00	34.93 -2.68 0.01	34.22 -2.63 0.00	30.23 -2.33 0.00	28.21 -2.33 0.00	34.91 -2.55 0.00	54.08 -3.47 0.00	45.33 -3.31 0.00	42.03 -2.92 0.00	38.68 -2.58 0.00	40.03 -2.23 0.00	45.27 -2.78 0.00	39.38 -2.16 0.00	38.94 -1.91 0.00	36.36 -2.52 0.00	36.80 -2.56 0.00	40.10 -3.28 0.00	45.10 -4.19 0.00	38.54 -3.69 0.00	37.31 -3.89 0.00	36.74 -4.00 0.89	33.62 -3.18 0.00	32.60 -2.50 0.00	29.52 -2.41 0.00
CH_RES_SYRACUSE 23985	36.82 -0.05 0.00	37.36 -0.25 0.00	36.55 -0.29 0.00	32.30 -0.27 0.00	30.26 -0.28 0.00	37.19 -0.27 0.00	57.34 -0.21 0.00	48.53 -0.11 0.00	44.87 -0.08 0.00	41.13 -0.13 0.00	42.23 -0.03 0.00	48.01 -0.04 0.00	41.64 0.10 0.00	41.02 0.17 0.00	39.08 0.19 0.00	39.58 0.22 0.00	43.58 0.20 0.00	49.51 0.23 0.00	42.41 0.18 0.00	41.31 0.11 0.00	41.72 0.09 0.00	36.82 0.02 0.00	35.05 -0.05 0.00	31.73 -0.20 0.00
CLINTON_WT_PWR 323605	36.89 0.02 0.00	37.79 0.18 0.00	37.07 0.23 0.00	32.93 0.37 0.00	30.96 0.42 0.00	37.92 0.46 0.00	58.21 0.66 0.00	49.26 0.62 0.00	45.36 0.41 0.00	41.56 0.30 0.00	42.63 0.37 0.00	48.49 0.43 0.00	41.56 0.01 0.00	40.72 -0.13 0.00	38.61 -0.28 0.00	39.17 -0.19 0.00	43.24 -0.14 0.00	49.25 -0.03 0.00	42.22 -0.01 0.00	41.03 -0.17 0.00	41.28 -0.36 0.00	36.42 -0.37 0.00	34.93 -0.17 0.00	32.01 0.08 0.00
CLINTON___LFGE 323618	37.71 0.84 0.00	38.69 1.08 0.00	37.95 1.10 0.00	33.70 1.14 0.00	31.70 1.15 0.00	38.84 1.38 0.00	59.57 2.02 0.00	50.63 1.99 0.00	46.46 1.51 0.00	42.35 1.09 0.00	43.48 1.21 0.00	49.45 1.39 0.00	42.35 0.81 0.00	41.52 0.67 0.00	39.38 0.50 0.00	40.11 0.75 0.00	44.28 0.89 0.00	50.65 1.37 0.00	43.52 1.29 0.00	41.85 0.66 0.00	41.84 0.20 0.00	36.88 0.08 0.00	35.35 0.25 0.00	32.36 0.43 0.00
COBBLENY_34_KV_TB1 80064	36.36 -0.52 0.00	36.41 -1.20 0.00	35.64 -1.22 0.00	31.47 -1.09 0.00	29.40 -1.14 0.00	36.40 -1.05 0.00	56.58 -0.97 0.00	47.62 -1.02 0.00	44.12 -0.84 0.00	40.61 -0.64 0.00	42.02 -0.24 0.00	47.62 -0.44 0.00	41.40 -0.15 0.00	40.99 0.14 0.00	38.38 -0.51 0.00	38.92 -0.44 0.00	42.53 -0.85 0.00	47.90 -1.38 -0.01	40.90 -1.33 0.00	39.46 -1.74 0.00	39.05 -1.82 0.76	35.33 -1.46 0.00	34.08 -1.02 0.00	30.71 -1.23 0.00
COFFEEN___115KV_TB3 355620	37.33 0.46 0.00	38.07 0.46 0.00	37.16 0.31 0.00	32.77 0.20 0.00	30.68 0.13 0.00	37.77 0.32 0.00	58.80 1.25 0.00	49.73 1.10 0.00	45.42 0.47 0.00	41.37 0.11 0.00	42.43 0.16 0.00	47.82 -0.24 0.00	41.22 -0.32 0.00	40.57 -0.28 0.00	38.47 -0.42 0.00	38.77 -0.60 0.00	42.97 -0.41 0.00	49.47 0.19 0.00	42.91 0.69 0.00	42.56 1.36 0.00	43.26 1.62 0.00	38.22 1.43 0.00	36.23 1.13 0.00	32.12 0.18 0.00
COLDSPRG_115KV_BK1 355956	37.12 0.25 0.00	37.13 -0.47 0.00	36.32 -0.53 0.00	32.10 -0.46 0.00	30.03 -0.51 0.00	37.19 -0.27 0.00	58.08 0.53 0.00	49.10 0.46 0.00	45.60 0.65 0.00	41.95 0.69 0.00	43.28 1.02 0.00	49.12 1.06 0.00	42.57 1.03 0.00	42.19 1.35 0.00	39.60 0.71 0.00	40.26 0.89 0.00	44.10 0.71 0.00	49.69 0.40 -0.01	42.34 0.11 0.00	40.80 -0.40 0.00	40.51 -0.41 0.71	36.39 -0.41 0.00	34.92 -0.18 0.00	31.35 -0.58 0.00
COLONIE_LFGE___ 323577	38.14 1.27 0.00	38.98 1.37 0.00	38.10 1.25 0.00	33.69 1.13 0.00	31.66 1.12 0.00	38.82 1.36 0.00	59.49 1.94 0.00	50.50 1.87 0.00	46.71 1.76 0.00	42.59 1.33 0.00	43.62 1.36 0.00	49.60 1.54 0.00	42.97 1.43 0.00	42.19 1.34 0.00	40.11 1.22 0.00	40.51 1.14 0.00	44.59 1.21 0.00	51.04 1.76 0.00	43.86 1.64 0.00	42.86 1.66 0.00	43.54 1.90 0.00	38.40 1.61 0.00	36.47 1.37 0.00	33.05 1.12 0.00
COOPERNY_115KV_TB1 80082	38.09 1.22 0.00	38.66 1.05 0.00	37.76 0.91 0.00	33.38 0.82 0.00	31.32 0.78 0.00	38.33 0.88 0.00	59.01 1.46 0.00	50.16 1.52 0.00	46.45 1.50 0.00	42.58 1.33 0.00	43.62 1.36 0.00	49.54 1.49 0.00	43.15 1.61 0.00	42.48 1.63 0.00	40.57 1.68 0.00	41.10 1.74 0.00	45.28 1.90 0.00	51.43 2.15 0.00	43.93 1.70 0.00	42.72 1.51 0.00	43.11 1.50 0.03	38.02 1.23 0.00	36.08 0.98 0.00	32.56 0.63 0.00
COPENHAGEN_WT_PWR 323753	36.95 0.08 0.00	37.74 0.13 0.00	36.82 -0.03 0.00	32.46 -0.10 0.00	30.36 -0.19 0.00	37.35 -0.11 0.00	58.22 0.67 0.00	49.25 0.61 0.00	45.08 0.13 0.00	41.09 -0.16 0.00	42.14 -0.13 0.00	47.60 -0.45 0.00	41.07 -0.47 0.00	40.43 -0.42 0.00	38.37 -0.52 0.00	38.65 -0.71 0.00	42.83 -0.55 0.00	49.20 -0.08 0.00	42.53 0.31 0.00	42.00 0.80 0.00	42.65 1.01 0.00	37.75 0.96 0.00	35.83 0.73 0.00	31.69 -0.24 0.00
CORNELL_____ 23752	37.81 0.94 0.00	38.25 0.64 0.00	37.39 0.54 0.00	33.05 0.48 0.00	30.98 0.44 0.00	38.12 0.67 0.00	58.99 1.44 0.00	49.97 1.33 0.00	46.19 1.24 0.00	42.27 1.02 0.00	43.29 1.02 0.00	49.22 1.17 0.00	42.70 1.16 0.00	42.24 1.39 0.00	40.22 1.34 0.00	40.73 1.37 0.00	44.84 1.45 0.00	51.01 1.73 0.00	43.76 1.53 0.00	42.57 1.37 0.00	42.81 1.32 0.15	37.86 1.07 0.00	35.95 0.85 0.00	32.44 0.50 0.00

CORONA_69_KV_TB1	106.64	41.97	39.48	35.73	32.67	39.92	61.13	51.92	48.18	44.31	45.16	51.06	45.03	44.42	42.91	43.17	47.38	55.70	45.96	44.65	44.92	39.53	37.50	33.78
355595	3.13	2.92	2.63	2.36	2.13	2.46	3.59	3.28	3.23	3.06	2.89	3.01	3.48	3.57	3.85	3.80	4.00	4.46	3.74	3.45	3.30	2.73	2.40	1.84
	-66.63	-1.44	0.00	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	-1.96	0.00	0.00	0.02	0.00	0.00	0.00
CORTLAND_115KV_TB3	37.38	37.86	37.05	32.73	30.69	37.74	58.35	49.38	45.65	41.82	42.82	48.71	42.23	41.71	39.75	40.28	44.36	50.43	43.20	42.04	42.38	37.43	35.58	32.13
80093	0.51	0.25	0.20	0.17	0.15	0.29	0.80	0.75	0.70	0.56	0.56	0.66	0.69	0.86	0.86	0.92	0.98	1.15	0.97	0.84	0.81	0.63	0.48	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00
COXSACKIE__GT	39.12	39.83	38.96	34.40	32.29	39.67	61.05	51.86	47.99	43.63	44.60	50.39	43.30	42.59	40.68	41.52	45.94	52.55	45.34	44.39	44.95	39.65	37.72	34.07
23611	2.25	2.22	2.11	1.84	1.75	2.21	3.50	3.22	3.03	2.37	2.33	2.34	1.75	1.74	1.79	2.16	2.56	3.27	3.12	3.19	3.32	2.85	2.62	2.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CPV_VALLEY__CC1	38.26	38.82	37.90	33.52	31.45	38.46	59.20	50.40	46.70	42.80	43.84	49.79	43.42	42.74	40.86	41.38	45.58	51.75	44.17	42.93	43.33	38.20	36.21	32.64
323721	1.39	1.21	1.05	0.95	0.91	1.00	1.65	1.76	1.75	1.55	1.57	1.73	1.87	1.89	1.97	2.01	2.20	2.48	1.95	1.73	1.72	1.41	1.11	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
CPV_VALLEY__CC2	38.26	38.82	37.90	33.52	31.45	38.46	59.20	50.40	46.70	42.80	43.84	49.79	43.42	42.74	40.86	41.38	45.58	51.75	44.17	42.93	43.33	38.20	36.21	32.64
323722	1.39	1.21	1.05	0.95	0.91	1.00	1.65	1.76	1.75	1.55	1.57	1.73	1.87	1.89	1.97	2.01	2.20	2.48	1.95	1.73	1.72	1.41	1.11	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
CRESCENT__HYD	38.14	38.98	38.10	33.69	31.66	38.82	59.49	50.50	46.71	42.59	43.62	49.60	42.97	42.19	40.11	40.51	44.59	51.04	43.86	42.86	43.54	38.40	36.47	33.05
24018	1.27	1.37	1.25	1.13	1.12	1.36	1.94	1.87	1.76	1.33	1.36	1.54	1.43	1.34	1.22	1.14	1.21	1.76	1.64	1.66	1.90	1.61	1.37	1.12
	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
CRICKET__VALLEY_CC1	38.36	39.00	38.06	33.63	31.57	38.64	59.51	50.73	46.99	42.87	43.89	49.88	43.47	42.67	40.75	41.26	45.37	51.65	44.17	42.98	43.47	38.36	36.32	32.77
323756	1.48	1.39	1.21	1.07	1.02	1.18	1.96	2.09	2.04	1.62	1.63	1.83	1.93	1.82	1.87	1.89	1.98	2.37	1.95	1.78	1.85	1.56	1.21	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
CRICKET__VALLEY_CC2	38.36	39.00	38.06	33.63	31.57	38.64	59.51	50.73	46.99	42.87	43.89	49.88	43.47	42.67	40.75	41.26	45.37	51.65	44.17	42.98	43.47	38.36	36.32	32.77
323757	1.48	1.39	1.21	1.07	1.02	1.18	1.96	2.09	2.04	1.62	1.63	1.83	1.93	1.82	1.87	1.89	1.98	2.37	1.95	1.78	1.85	1.56	1.21	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
CRICKET__VALLEY_CC3	38.36	39.00	38.06	33.63	31.57	38.64	59.51	50.73	46.99	42.87	43.89	49.88	43.47	42.67	40.75	41.26	45.37	51.65	44.17	42.98	43.47	38.36	36.32	32.77
323758	1.48	1.39	1.21	1.07	1.02	1.18	1.96	2.09	2.04	1.62	1.63	1.83	1.93	1.82	1.87	1.89	1.98	2.37	1.95	1.78	1.85	1.56	1.21	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
CRUCIBLE_METL_DRP	36.82	37.36	36.55	32.30	30.26	37.18	57.34	48.53	44.87	41.13	42.23	48.01	41.64	41.02	39.08	39.58	43.58	49.51	42.40	41.31	41.72	36.82	35.05	31.73
24180	-0.05	-0.25	-0.30	-0.26	-0.28	-0.27	-0.21	-0.11	-0.08	-0.13	-0.03	-0.04	0.10	0.17	0.19	0.21	0.20	0.23	0.18	0.11	0.09	0.02	-0.05	-0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DAHOWA__HYDRO	39.35	40.16	39.24	34.66	32.57	40.04	61.43	52.15	48.03	43.60	44.48	50.69	43.88	42.98	40.91	41.55	45.77	52.60	45.51	44.44	45.23	39.85	37.76	34.17
323763	2.47	2.55	2.39	2.10	2.03	2.58	3.88	3.51	3.08	2.34	2.22	2.64	2.33	2.13	2.02	2.18	2.39	3.32	3.29	3.24	3.59	3.05	2.66	2.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DANC__LFGE	36.69	37.39	36.51	32.22	30.16	37.07	57.50	48.64	44.69	40.82	41.88	47.44	41.01	40.37	38.36	38.71	42.75	48.93	42.17	41.48	42.08	37.21	35.36	31.56
323619	-0.18	-0.22	-0.33	-0.35	-0.38	-0.39	-0.05	0.00	-0.26	-0.44	-0.38	-0.61	-0.54	-0.48	-0.53	-0.66	-0.63	-0.35	-0.06	0.27	0.44	0.42	0.26	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DANSKAMMER__1	39.21	39.73	38.74	34.24	32.11	39.29	60.53	51.56	47.75	43.72	44.78	50.93	44.46	43.77	41.85	42.38	46.67	53.03	45.26	43.98	44.38	39.11	37.03	33.33
23586	2.33	2.12	1.89	1.67	1.57	1.83	2.98	2.93	2.80	2.46	2.52	2.87	2.92	2.92	2.96	3.02	3.29	3.75	3.04	2.78	2.77	2.32	1.93	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
DANSKAMMER__2	39.21	39.73	38.74	34.24	32.11	39.29	60.53	51.56	47.75	43.72	44.78	50.93	44.46	43.77	41.85	42.38	46.67	53.03	45.26	43.98	44.38	39.11	37.03	33.33
23589	2.33	2.12	1.89	1.67	1.57	1.83	2.98	2.93	2.80	2.46	2.52	2.87	2.92	2.92	2.96	3.02	3.29	3.75	3.04	2.78	2.77	2.32	1.93	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
DANSKAMMER__3	39.21	39.73	38.74	34.24	32.11	39.29	60.53	51.56	47.75	43.72	44.78	50.93	44.46	43.77	41.85	42.38	46.67	53.03	45.26	43.98	44.38	39.11	37.03	33.33
23590	2.33	2.12	1.89	1.67	1.57	1.83	2.98	2.93	2.80	2.46	2.52	2.87	2.92	2.92	2.96	3.02	3.29	3.75	3.04	2.78	2.77	2.32	1.93	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00

DANSKAMMER___4 23591	39.21 2.33 0.00	39.73 2.12 0.00	38.74 1.89 0.00	34.24 1.67 0.00	32.11 1.57 0.00	39.29 1.83 0.00	60.53 2.98 0.00	51.56 2.93 0.00	47.75 2.80 0.00	43.72 2.46 0.00	44.78 2.52 0.00	50.93 2.87 0.00	44.46 2.92 0.00	43.77 2.92 0.00	41.85 2.96 0.00	42.38 3.02 0.00	46.67 3.29 0.00	53.03 3.75 0.00	45.26 3.04 0.00	43.98 2.78 0.00	44.38 2.77 0.02	39.11 2.32 0.00	37.03 1.93 0.00	33.33 1.40 0.00
DANSKAMMER___DIESEL 23592	39.21 2.33 0.00	39.73 2.12 0.00	38.73 1.89 0.00	34.25 1.68 0.00	32.11 1.57 0.00	39.29 1.83 0.00	60.53 2.98 0.00	51.56 2.93 0.00	47.76 2.81 0.00	43.71 2.45 0.00	44.78 2.52 0.00	50.92 2.87 0.00	44.47 2.93 0.00	43.77 2.92 0.00	41.85 2.97 0.00	42.38 3.02 0.00	46.67 3.29 0.00	53.03 3.75 0.00	45.26 3.04 0.00	43.98 2.78 0.00	44.38 2.77 0.02	39.11 2.32 0.00	37.03 1.93 0.00	33.33 1.40 0.00
DARBY___SOLAR 323810	39.13 2.26 0.00	39.95 2.34 0.00	39.04 2.19 0.00	34.48 1.92 0.00	32.40 1.86 0.00	39.81 2.35 0.00	61.06 3.51 0.00	51.83 3.20 0.00	47.76 2.81 0.00	43.38 2.13 0.00	44.25 1.99 0.00	50.42 2.36 0.00	43.66 2.12 0.00	42.77 1.92 0.00	40.72 1.84 0.00	41.34 1.98 0.00	45.56 2.18 0.00	52.28 3.01 0.00	45.21 2.98 0.00	44.14 2.94 0.00	44.91 3.27 0.00	39.57 2.78 0.00	37.52 2.42 0.00	33.96 2.02 0.00
DASHVILLE___HYD 23610	38.63 1.76 0.00	39.14 1.53 0.00	38.16 1.31 0.00	33.74 1.17 0.00	31.64 1.09 0.00	38.68 1.23 0.00	59.57 2.02 0.00	50.78 2.14 0.00	47.10 2.15 0.00	43.17 1.91 0.00	44.21 1.95 0.00	50.22 2.17 0.00	43.90 2.36 0.00	43.21 2.35 0.00	41.34 2.45 0.00	41.82 2.45 0.00	46.07 2.68 0.00	52.29 3.01 0.00	44.58 2.35 0.00	43.28 2.08 0.00	43.65 2.03 0.02	38.48 1.68 0.00	36.38 1.28 0.00	32.75 0.82 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	106.76 3.25 -66.63	41.96 2.91 -1.44	39.30 2.45 0.00	35.60 2.23 -0.81	32.60 2.06 0.00	39.93 2.47 0.00	60.81 3.26 0.00	51.78 3.14 0.00	48.29 3.34 0.00	44.80 3.55 0.00	45.46 3.19 0.00	51.20 3.15 0.00	45.56 4.01 0.00	45.04 4.19 0.00	43.58 4.51 -0.18	43.71 4.34 0.00	48.24 4.86 0.00	57.17 5.93 -1.96	47.20 4.97 0.00	45.63 4.43 0.00	45.73 4.11 0.02	39.69 2.89 0.00	37.63 2.53 0.00	33.93 2.00 0.00
DELAWARE___LFGE 323621	37.97 1.10 0.00	38.52 0.91 0.00	37.71 0.86 0.00	33.33 0.76 0.00	31.25 0.71 0.00	38.33 0.88 0.00	59.06 1.51 0.00	50.09 1.46 0.00	46.35 1.40 0.00	42.48 1.23 0.00	43.54 1.27 0.00	49.42 1.37 0.00	42.97 1.43 0.00	42.31 1.46 0.00	40.35 1.47 0.00	40.87 1.51 0.00	45.01 1.62 0.00	51.12 1.84 0.00	43.74 1.51 0.00	42.54 1.34 0.00	42.85 1.29 0.08	37.86 1.07 0.00	35.93 0.84 0.00	32.48 0.54 0.00
DERFIELD_115KV_TB7 355931	37.02 0.14 0.00	37.72 0.11 0.00	36.92 0.07 0.00	32.63 0.06 0.00	30.61 0.06 0.00	37.55 0.09 0.00	57.70 0.15 0.00	48.83 0.19 0.00	45.13 0.18 0.00	41.38 0.13 0.00	42.37 0.11 0.00	48.16 0.10 0.00	41.71 0.17 0.00	41.03 0.18 0.00	39.08 0.19 0.00	39.57 0.20 0.00	43.57 0.19 0.00	49.53 0.25 0.00	42.46 0.24 0.00	41.41 0.21 0.00	41.87 0.24 0.00	36.98 0.18 0.00	35.22 0.12 0.00	31.96 0.03 0.00
DOGLEVILLE___HYD 23807	37.21 0.34 0.00	37.88 0.27 0.00	36.90 0.05 0.00	32.56 0.00 0.00	30.55 0.01 0.00	37.51 0.05 0.00	57.60 0.05 0.00	48.87 0.23 0.00	44.93 -0.03 0.00	40.72 -0.54 0.00	41.49 -0.78 0.00	47.42 -0.63 0.00	41.22 -0.32 0.00	40.38 -0.47 0.00	38.69 -0.19 0.00	39.30 -0.07 0.00	43.27 -0.11 0.00	49.56 0.28 0.00	42.79 0.56 0.00	41.78 0.58 0.00	42.38 0.74 0.00	37.30 0.50 0.00	35.25 0.15 0.00	31.79 -0.14 0.00
DUNKIRK___115KV_TB_200 55889	36.50 -0.38 0.00	36.52 -1.09 0.00	35.76 -1.09 0.00	31.59 -0.97 0.00	29.54 -1.01 0.00	36.57 -0.89 0.00	57.07 -0.48 0.00	48.05 -0.59 0.00	44.56 -0.40 0.00	40.97 -0.29 0.00	42.33 0.07 0.00	48.03 -0.03 0.00	41.67 0.13 0.00	41.27 0.42 0.00	38.77 -0.12 0.00	39.46 0.09 0.00	43.17 -0.21 0.00	48.63 -0.66 -0.01	41.44 -0.79 0.00	40.02 -1.18 0.00	39.57 -1.29 0.77	35.68 -1.11 0.00	34.26 -0.84 0.00	30.81 -1.13 0.00
DUNKIRK___1 23563	36.50 -0.38 0.00	36.52 -1.09 0.00	35.76 -1.09 0.00	31.59 -0.97 0.00	29.54 -1.01 0.00	36.57 -0.89 0.00	57.07 -0.48 0.00	48.05 -0.59 0.00	44.56 -0.40 0.00	40.97 -0.29 0.00	42.33 0.07 0.00	48.03 -0.03 0.00	41.67 0.13 0.00	41.27 0.42 0.00	38.77 -0.12 0.00	39.46 0.09 0.00	43.17 -0.21 0.00	48.63 -0.66 -0.01	41.44 -0.79 0.00	40.02 -1.18 0.00	39.57 -1.29 0.77	35.68 -1.11 0.00	34.26 -0.84 0.00	30.81 -1.13 0.00
DUNKIRK___2 23564	36.50 -0.38 0.00	36.52 -1.09 0.00	35.76 -1.09 0.00	31.59 -0.97 0.00	29.54 -1.01 0.00	36.57 -0.89 0.00	57.07 -0.48 0.00	48.05 -0.59 0.00	44.56 -0.40 0.00	40.97 -0.29 0.00	42.33 0.07 0.00	48.03 -0.03 0.00	41.67 0.13 0.00	41.27 0.42 0.00	38.77 -0.12 0.00	39.46 0.09 0.00	43.17 -0.21 0.00	48.63 -0.66 -0.01	41.44 -0.79 0.00	40.02 -1.18 0.00	39.57 -1.29 0.77	35.68 -1.11 0.00	34.26 -0.84 0.00	30.81 -1.13 0.00
DUNKIRK___3 23565	36.32 -0.55 0.00	36.36 -1.24 0.00	35.61 -1.24 0.00	31.46 -1.10 0.00	29.41 -1.13 0.00	36.41 -1.05 0.00	56.77 -0.79 0.00	47.77 -0.87 0.00	44.29 -0.66 0.00	40.74 -0.52 0.00	42.09 -0.17 0.00	47.76 -0.29 0.00	41.46 -0.08 0.00	41.06 0.21 0.00	38.56 -0.32 0.00	39.21 -0.15 0.00	42.90 -0.49 0.00	48.33 -0.96 -0.01	41.19 -1.04 0.00	39.78 -1.42 0.00	39.33 -1.53 0.78	35.50 -1.29 0.00	34.13 -0.97 0.00	30.71 -1.23 0.00
DUNKIRK___4 23566	36.32 -0.55 0.00	36.36 -1.24 0.00	35.61 -1.24 0.00	31.46 -1.10 0.00	29.41 -1.13 0.00	36.41 -1.05 0.00	56.77 -0.79 0.00	47.77 -0.87 0.00	44.29 -0.66 0.00	40.74 -0.52 0.00	42.09 -0.17 0.00	47.76 -0.29 0.00	41.46 -0.08 0.00	41.06 0.21 0.00	38.56 -0.32 0.00	39.21 -0.15 0.00	42.90 -0.49 0.00	48.33 -0.96 -0.01	41.19 -1.04 0.00	39.78 -1.42 0.00	39.33 -1.53 0.78	35.50 -1.29 0.00	34.13 -0.97 0.00	30.71 -1.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	39.21 2.34 0.00	39.74 2.13 0.00	38.72 1.88 0.00	34.26 1.70 0.00	32.13 1.58 0.00	39.27 1.82 0.00	60.45 2.90 0.00	51.48 2.84 0.00	47.74 2.79 0.00	43.77 2.52 0.00	44.81 2.54 0.00	50.88 2.83 0.00	44.50 2.95 0.00	43.80 2.95 0.00	41.94 3.06 0.00	42.46 3.09 0.00	46.74 3.36 0.00	52.99 3.71 0.00	45.18 2.96 0.00	43.86 2.66 0.00	44.23 2.62 0.02	39.02 2.23 0.00	36.96 1.86 0.00	33.28 1.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	38.87 2.00 0.00	39.40 1.80 0.00	38.43 1.57 0.00	33.97 1.40 0.00	31.86 1.32 0.00	38.98 1.51 0.00	60.04 2.49 0.00	51.14 2.51 0.00	47.38 2.43 0.00	43.40 2.15 0.00	44.47 2.20 0.00	50.51 2.46 0.00	44.09 2.55 0.00	43.41 2.56 0.00	41.51 2.63 0.00	42.05 2.68 0.00	46.32 2.93 0.00	52.62 3.34 0.00	44.90 2.67 0.00	43.63 2.43 0.00	44.03 2.41 0.02	38.80 2.01 0.00	36.73 1.63 0.00	33.07 1.14 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	39.52 2.65 0.00	39.94 2.33 0.00	38.91 2.06 0.00	34.47 1.91 0.00	32.34 1.79 0.00	39.54 2.08 0.00	60.89 3.34 0.00	51.82 3.19 0.00	48.04 3.09 0.00	44.02 2.76 -0.01	45.12 2.86 0.00	51.19 3.14 0.00	44.78 3.24 0.00	44.10 3.25 0.00	42.21 3.32 0.00	42.70 3.34 0.00	46.97 3.59 0.00	53.23 3.95 0.00	45.38 3.15 0.00	44.06 2.86 0.00	44.46 2.85 0.02	39.26 2.47 0.00	37.17 2.08 0.00	33.43 1.50 0.00
E179THST_13_KV_LOAD 356214	39.77 2.90 0.00	40.19 2.58 0.00	39.14 2.29 0.00	34.67 2.10 0.00	32.52 1.98 0.00	39.77 2.30 0.00	61.25 3.70 0.00	52.13 3.50 0.00	48.32 3.37 0.00	44.28 3.02 -0.01	45.38 3.11 0.00	51.49 3.43 0.00	45.05 3.51 0.00	44.38 3.52 0.00	42.46 3.57 0.00	42.97 3.60 0.00	47.24 3.86 0.00	53.55 4.27 0.00	45.64 3.41 0.00	44.32 3.12 0.00	44.72 3.11 0.02	39.48 2.69 0.00	37.39 2.29 0.00	33.62 1.68 0.00
EAST HAMPTON___GT 23717	106.75 3.25 -66.63	41.95 2.90 -1.44	39.18 2.33 0.00	35.59 2.22 -0.81	32.75 2.20 0.00	40.18 2.72 0.00	60.78 3.23 0.00	51.71 3.07 0.00	48.72 3.77 0.00	45.16 3.91 0.00	45.93 3.67 0.00	51.83 3.77 0.00	46.14 4.60 0.00	45.69 4.84 0.00	44.16 5.10 -0.18	44.27 4.90 0.00	48.77 5.39 0.00	57.64 6.40 -1.96	47.49 5.27 0.00	45.95 4.75 0.00	46.12 4.50 0.02	39.98 3.18 0.00	37.96 2.86 0.00	34.21 2.28 0.00
EAST RIVER___6 23660	39.39 2.52 0.00	39.89 2.28 0.00	38.85 2.00 0.00	34.39 1.82 0.00	32.26 1.72 0.00	39.41 1.95 0.00	60.58 3.03 0.00	51.59 2.95 0.00	47.87 2.92 0.00	43.96 2.71 0.00	45.02 2.76 0.00	51.12 3.06 0.00	44.74 3.19 0.00	44.06 3.21 0.00	42.22 3.33 0.00	42.73 3.36 0.00	47.01 3.63 0.00	53.22 3.94 0.00	45.33 3.10 0.00	43.99 2.79 0.00	44.36 2.75 0.02	39.19 2.40 0.00	37.13 2.03 0.00	33.45 1.52 0.00
EAST RIVER___7 23524	39.39 2.52 0.00	39.89 2.28 0.00	38.85 2.00 0.00	34.39 1.82 0.00	32.26 1.72 0.00	39.41 1.95 0.00	60.58 3.03 0.00	51.59 2.95 0.00	47.87 2.92 0.00	43.96 2.71 0.00	45.02 2.76 0.00	51.12 3.06 0.00	44.74 3.19 0.00	44.06 3.21 0.00	42.22 3.33 0.00	42.73 3.36 0.00	47.01 3.63 0.00	53.22 3.94 0.00	45.33 3.10 0.00	43.99 2.79 0.00	44.36 2.75 0.02	39.19 2.40 0.00	37.13 2.03 0.00	33.45 1.52 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	39.10 2.22 0.00	39.63 2.02 0.00	38.63 1.78 0.00	34.17 1.60 0.00	32.05 1.51 0.00	39.18 1.72 0.00	60.32 2.77 0.00	51.37 2.74 0.00	47.65 2.70 0.00	43.68 2.43 0.00	44.71 2.45 0.00	50.76 2.71 0.00	44.37 2.83 0.00	43.70 2.85 0.00	41.84 2.95 0.00	42.35 2.99 0.00	46.61 3.23 0.00	52.89 3.61 0.00	45.09 2.87 0.00	43.79 2.59 0.00	44.16 2.55 0.02	38.95 2.16 0.00	36.89 1.78 0.00	33.20 1.27 0.00
EAST_HAMPTON___DIESEL 23722	106.68 3.18 -66.63	41.87 2.81 -1.44	39.10 2.25 0.00	35.53 2.15 -0.81	32.70 2.16 0.00	40.15 2.69 0.00	60.72 3.17 0.00	51.69 3.05 0.00	48.71 3.76 0.00	45.13 3.87 0.00	45.90 3.63 0.00	51.80 3.74 0.00	46.13 4.59 0.00	45.67 4.82 0.00	44.15 5.09 -0.18	44.24 4.88 0.00	48.75 5.36 0.00	57.59 6.35 -1.96	47.44 5.21 0.00	45.89 4.69 0.00	46.09 4.47 0.02	39.94 3.14 0.00	37.94 2.84 0.00	34.19 2.26 0.00
EAST_POINT___SOLAR 323840	39.40 2.53 0.00	39.94 2.33 0.00	39.07 2.22 0.00	34.47 1.91 0.00	32.30 1.75 0.00	39.70 2.24 0.00	61.38 3.83 0.00	51.68 3.05 0.00	47.19 2.24 0.00	42.77 1.51 0.00	43.38 1.12 0.00	49.31 1.26 0.00	42.79 1.24 0.00	42.13 1.29 0.00	40.59 1.71 0.00	41.35 1.98 0.00	45.93 2.54 0.00	52.49 3.21 0.00	45.14 2.92 0.00	44.05 2.85 0.00	44.42 2.81 0.02	39.25 2.46 0.00	37.27 2.17 0.00	33.72 1.79 0.00
EAST_PULASKI___ESR 323781	36.49 -0.39 0.00	37.09 -0.52 0.00	36.26 -0.59 0.00	32.02 -0.54 0.00	30.00 -0.54 0.00	36.84 -0.61 0.00	56.91 -0.64 0.00	48.15 -0.49 0.00	44.37 -0.58 0.00	40.62 -0.64 0.00	41.69 -0.57 0.00	47.35 -0.71 0.00	40.99 -0.56 0.00	40.36 -0.49 0.00	38.39 -0.49 0.00	38.81 -0.55 0.00	42.76 -0.62 0.00	48.78 -0.49 0.00	41.90 -0.33 0.00	41.04 -0.16 0.00	41.58 -0.06 0.00	36.75 -0.04 0.00	34.95 -0.15 0.00	31.47 -0.47 0.00
EAST_RIVER___1 323558	39.36 2.49 0.00	39.86 2.25 0.00	38.83 1.97 0.00	34.37 1.81 0.00	32.24 1.69 0.00	39.39 1.93 0.00	60.59 3.04 0.00	51.63 2.99 0.00	47.90 2.95 0.00	43.96 2.71 0.00	45.03 2.76 0.00	51.13 3.07 0.00	44.72 3.18 0.00	44.04 3.20 0.00	42.19 3.30 0.00	42.71 3.35 0.00	47.00 3.62 0.00	53.24 3.96 0.00	45.33 3.10 0.00	43.99 2.79 0.00	44.35 2.74 0.02	39.18 2.38 0.00	37.09 1.99 0.00	33.39 1.45 0.00
EAST_RIVER___2 323559	39.39 2.52 0.00	39.89 2.28 0.00	38.85 2.00 0.00	34.39 1.82 0.00	32.26 1.72 0.00	39.41 1.95 0.00	60.58 3.03 0.00	51.59 2.95 0.00	47.87 2.92 0.00	43.96 2.71 0.00	45.02 2.76 0.00	51.12 3.06 0.00	44.74 3.19 0.00	44.06 3.21 0.00	42.22 3.33 0.00	42.73 3.36 0.00	47.01 3.63 0.00	53.22 3.94 0.00	45.33 3.10 0.00	43.99 2.79 0.00	44.36 2.75 0.02	39.19 2.40 0.00	37.13 2.03 0.00	33.45 1.52 0.00
EAST___DELAWARE_HYD 23607	37.62 0.75 0.00	38.10 0.49 0.00	37.15 0.30 0.00	32.80 0.24 0.00	30.76 0.22 0.00	37.63 0.17 0.00	57.98 0.43 0.00	49.37 0.73 0.00	45.77 0.82 0.00	41.94 0.68 0.00	42.88 0.62 0.00	48.73 0.67 0.00	42.55 1.01 0.00	41.84 0.99 0.00	39.98 1.10 0.00	40.56 1.19 0.00	44.78 1.40 0.00	50.90 1.63 0.00	43.49 1.26 0.00	42.31 1.11 0.00	42.67 1.05 0.02	37.58 0.79 0.00	35.53 0.43 0.00	31.98 0.05 0.00
EIGHT_POINT___WT_PWR 323820	39.16 2.29 0.00	39.10 1.49 0.00	38.17 1.32 0.00	33.74 1.17 0.00	31.59 1.04 0.00	39.11 1.65 0.00	61.18 3.62 0.00	52.09 3.45 0.00	48.18 3.23 0.00	44.17 2.91 0.00	45.41 3.14 0.00	51.59 3.54 0.00	44.70 3.16 0.00	44.29 3.44 0.00	41.59 2.71 0.00	42.23 2.86 0.00	46.43 3.05 0.00	52.62 3.33 0.00	44.80 2.58 0.00	43.42 2.22 0.00	43.38 2.17 0.43	38.66 1.86 0.00	36.91 1.81 0.00	32.89 0.96 0.00
ELBRIDGE_115KV_TB2 80188	36.65 -0.22 0.00	37.17 -0.44 0.00	36.39 -0.46 0.00	32.14 -0.42 0.00	30.09 -0.45 0.00	36.97 -0.49 0.00	57.01 -0.55 0.00	48.24 -0.39 0.00	44.61 -0.34 0.00	40.87 -0.38 0.00	41.95 -0.32 0.00	47.67 -0.39 0.00	41.36 -0.19 0.00	40.72 -0.13 0.00	38.79 -0.10 0.00	39.30 -0.06 0.00	43.27 -0.11 0.00	49.13 -0.15 0.00	42.06 -0.16 0.00	40.99 -0.22 0.00	41.41 -0.22 0.00	36.56 -0.24 0.00	34.81 -0.29 0.00	31.52 -0.42 0.00
ELEC_TRO_TEK 24086	106.35 2.84 -66.63	41.69 2.64 -1.44	39.21 2.36 0.00	35.50 2.13 -0.81	32.47 1.92 0.00	39.67 2.21 0.00	60.82 3.27 0.00	51.71 3.08 0.00	47.95 3.00 0.00	44.10 2.84 0.00	44.91 2.65 0.00	50.77 2.72 0.00	44.78 3.24 0.00	44.19 3.34 0.00	42.68 3.61 -0.18	42.90 3.54 0.00	47.10 3.72 0.00	55.38 4.14 -1.96	45.70 3.48 0.00	44.42 3.22 0.00	44.67 3.05 0.02	39.29 2.50 0.00	37.26 2.16 0.00	33.58 1.65 0.00

ELLENBURG_WT_PWR 323604	36.89 0.02 0.00	37.79 0.18 0.00	37.07 0.23 0.00	32.93 0.37 0.00	30.96 0.42 0.00	37.92 0.46 0.00	58.21 0.66 0.00	49.26 0.62 0.00	45.36 0.41 0.00	41.56 0.30 0.00	42.63 0.37 0.00	48.49 0.43 0.00	41.56 0.01 0.00	40.72 -0.13 0.00	38.61 -0.28 0.00	39.17 -0.19 0.00	43.24 -0.14 0.00	49.25 -0.03 0.00	42.22 -0.01 0.00	41.03 -0.17 0.00	41.28 -0.36 0.00	36.42 -0.37 0.00	34.93 -0.17 0.00	32.01 0.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.86 -1.02 0.00	35.94 -1.66 0.01	35.19 -1.65 0.00	31.10 -1.46 0.00	29.04 -1.51 0.00	35.95 -1.50 0.00	55.79 -1.76 0.00	46.90 -1.74 0.00	43.47 -1.48 0.00	40.01 -1.24 0.00	41.39 -0.88 0.00	46.90 -1.15 0.00	40.78 -0.76 0.00	40.34 -0.51 0.00	37.78 -1.11 0.00	38.29 -1.07 0.00	41.82 -1.56 0.00	47.10 -2.19 -0.01	40.22 -2.01 0.00	38.85 -2.34 0.00	38.34 -2.45 0.84	34.85 -1.95 0.00	33.64 -1.46 0.00	30.36 -1.57 0.00
EMPIRE_CC_1 323656	37.47 0.60 0.00	38.25 0.65 0.00	37.41 0.56 0.00	33.12 0.56 0.00	31.12 0.58 0.00	38.09 0.63 0.00	58.29 0.74 0.00	49.52 0.88 0.00	45.83 0.87 0.00	41.82 0.56 0.00	42.82 0.56 0.00	48.65 0.60 0.00	42.24 0.69 0.00	41.46 0.61 0.00	39.44 0.55 0.00	39.79 0.43 0.00	43.77 0.39 0.00	50.03 0.75 0.00	42.90 0.68 0.00	41.92 0.72 0.00	42.55 0.92 0.00	37.56 0.77 0.00	35.69 0.59 0.00	32.36 0.43 0.00
EMPIRE_CC_2 323658	37.47 0.60 0.00	38.25 0.65 0.00	37.41 0.56 0.00	33.12 0.56 0.00	31.12 0.58 0.00	38.09 0.63 0.00	58.29 0.74 0.00	49.52 0.88 0.00	45.83 0.87 0.00	41.82 0.56 0.00	42.82 0.56 0.00	48.65 0.60 0.00	42.24 0.69 0.00	41.46 0.61 0.00	39.44 0.55 0.00	39.79 0.43 0.00	43.77 0.39 0.00	50.03 0.75 0.00	42.90 0.68 0.00	41.92 0.72 0.00	42.55 0.92 0.00	37.56 0.77 0.00	35.69 0.59 0.00	32.36 0.43 0.00
ENORWICH_115KV_TB1 80156	39.70 2.82 0.00	40.06 2.46 0.00	39.21 2.36 0.00	34.62 2.05 0.00	32.48 1.94 0.00	40.08 2.62 0.00	62.25 4.70 0.00	52.78 4.14 0.00	48.73 3.78 0.00	44.50 3.25 0.00	45.50 3.24 0.00	51.66 3.60 0.00	44.87 3.32 0.00	44.42 3.57 0.00	42.22 3.33 0.00	42.61 3.24 0.00	47.17 3.79 0.00	53.77 4.49 0.00	46.24 4.01 0.00	44.86 3.66 0.00	44.93 3.42 0.13	39.58 2.79 0.00	37.21 2.11 0.00	33.49 1.55 0.00
ERIE_ST__34_KV_TB1-2 80199	36.42 -0.45 0.00	36.46 -1.15 0.00	35.68 -1.17 0.00	31.52 -1.05 0.00	29.44 -1.10 0.00	36.44 -1.02 0.00	56.65 -0.90 0.00	47.70 -0.94 0.00	44.23 -0.72 0.00	40.70 -0.55 0.00	42.10 -0.16 0.00	47.80 -0.26 0.00	41.54 0.00 0.00	41.10 0.25 0.00	38.55 -0.33 0.00	39.11 -0.25 0.00	42.74 -0.65 0.00	48.13 -1.15 -0.01	41.10 -1.13 0.00	39.57 -1.63 0.00	39.12 -1.74 0.78	35.39 -1.40 0.00	34.09 -1.02 0.00	30.71 -1.22 0.00
ERIE_WT_PWR 323693	36.12 -0.75 0.00	36.17 -1.43 0.00	35.45 -1.40 0.00	31.32 -1.24 0.00	29.24 -1.30 0.00	36.19 -1.27 0.00	56.22 -1.33 0.00	47.25 -1.39 0.00	43.79 -1.17 0.00	40.27 -0.98 0.00	41.70 -0.56 0.00	47.29 -0.76 0.00	41.12 -0.42 0.00	40.70 -0.15 0.00	38.11 -0.77 0.00	38.64 -0.73 0.00	42.20 -1.18 0.00	47.54 -1.75 -0.01	40.60 -1.63 0.00	39.19 -2.01 0.00	38.75 -2.10 0.79	35.12 -1.67 0.00	33.87 -1.23 0.00	30.54 -1.39 0.00
ESPRGFLD_115KV_TB1 80157	38.92 2.05 0.00	39.38 1.77 0.00	38.54 1.69 0.00	34.01 1.45 0.00	31.84 1.30 0.00	39.11 1.66 0.00	60.61 3.06 0.00	51.26 2.62 0.00	47.27 2.32 0.00	43.35 2.10 0.00	44.41 2.15 0.00	50.44 2.39 0.00	43.76 2.21 0.00	43.15 2.30 0.00	41.22 2.33 0.00	41.86 2.49 0.00	46.13 2.75 0.00	52.26 2.98 0.00	44.73 2.50 0.00	43.46 2.26 0.00	43.66 2.06 0.04	38.59 1.79 0.00	36.61 1.51 0.00	33.10 1.17 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	37.76 0.88 0.00	38.19 0.58 0.00	37.35 0.50 0.00	33.01 0.44 0.00	30.94 0.40 0.00	38.07 0.61 0.00	58.89 1.34 0.00	49.89 1.25 0.00	46.11 1.15 0.00	42.21 0.95 0.00	43.21 0.95 0.00	49.13 1.08 0.00	42.62 1.08 0.00	42.16 1.31 0.00	40.15 1.27 0.00	40.66 1.29 0.00	44.75 1.37 0.00	50.91 1.63 0.00	43.67 1.44 0.00	42.49 1.28 0.00	42.73 1.24 0.14	37.79 0.99 0.00	35.88 0.78 0.00	32.39 0.46 0.00
ETNA____115KV_TB2 80207	37.76 0.88 0.00	38.19 0.58 0.00	37.35 0.50 0.00	33.01 0.44 0.00	30.94 0.40 0.00	38.07 0.61 0.00	58.89 1.34 0.00	49.89 1.25 0.00	46.11 1.15 0.00	42.21 0.95 0.00	43.21 0.95 0.00	49.13 1.08 0.00	42.62 1.08 0.00	42.16 1.31 0.00	40.15 1.27 0.00	40.66 1.29 0.00	44.75 1.37 0.00	50.91 1.63 0.00	43.67 1.44 0.00	42.49 1.28 0.00	42.73 1.24 0.14	37.79 0.99 0.00	35.88 0.78 0.00	32.39 0.46 0.00
EUCLID__115KV_TB2 356179	36.39 -0.49 0.00	36.92 -0.68 0.00	36.14 -0.71 0.00	31.93 -0.63 0.00	29.93 -0.62 0.00	36.77 -0.68 0.00	56.68 -0.87 0.00	47.98 -0.66 0.00	44.37 -0.58 0.00	40.69 -0.56 0.00	41.77 -0.50 0.00	47.48 -0.57 0.00	41.17 -0.37 0.00	40.56 -0.29 0.00	38.61 -0.27 0.00	39.11 -0.26 0.00	43.02 -0.36 0.00	48.87 -0.41 0.00	41.85 -0.38 0.00	40.78 -0.42 0.00	41.21 -0.43 0.00	36.38 -0.42 0.00	34.65 -0.45 0.00	31.40 -0.54 0.00
E_CANADA_CAP_HY 24051	39.24 2.37 0.00	39.75 2.15 0.00	38.91 2.06 0.00	34.33 1.77 0.00	32.14 1.60 0.00	39.48 2.02 0.00	61.11 3.56 0.00	51.55 2.92 0.00	47.30 2.36 0.00	43.21 1.95 0.00	44.14 1.87 0.00	50.18 2.13 0.00	43.47 1.93 0.00	42.82 1.97 0.00	40.97 2.08 0.00	41.68 2.31 0.00	45.97 2.58 0.00	52.19 2.91 0.00	44.77 2.55 0.00	43.62 2.42 0.00	43.93 2.32 0.03	38.90 2.11 0.00	36.98 1.89 0.00	33.52 1.59 0.00
E_CANADA_MHWK_HY 24050	37.21 0.34 0.00	37.88 0.27 0.00	36.90 0.05 0.00	32.56 0.00 0.00	30.55 0.01 0.00	37.51 0.05 0.00	57.60 0.05 0.00	48.87 0.23 0.00	44.93 -0.03 0.00	40.72 -0.54 0.00	41.49 -0.78 0.00	47.42 -0.63 0.00	41.22 -0.32 0.00	40.38 -0.47 0.00	38.69 -0.19 0.00	39.30 -0.07 0.00	43.27 -0.11 0.00	49.56 0.28 0.00	42.79 0.56 0.00	41.78 0.58 0.00	42.38 0.74 0.00	37.30 0.50 0.00	35.25 0.15 0.00	31.79 -0.14 0.00
E_FISHKILL__LBMP 23776	38.70 1.83 0.00	39.27 1.66 0.00	38.31 1.46 0.00	33.88 1.32 0.00	31.79 1.24 0.00	38.88 1.42 0.00	59.84 2.29 0.00	50.96 2.32 0.00	47.24 2.29 0.00	43.23 1.98 0.00	44.27 2.01 0.00	50.27 2.22 0.00	43.88 2.34 0.00	43.17 2.32 0.00	41.29 2.40 0.00	41.78 2.42 0.00	45.98 2.59 0.00	52.24 2.96 0.00	44.60 2.37 0.00	43.35 2.15 0.00	43.76 2.15 0.02	38.61 1.81 0.00	36.58 1.48 0.00	32.97 1.04 0.00
FALCON____SEABRD_CC1 323796	37.84 0.97 0.00	38.88 1.27 0.00	38.13 1.28 0.00	33.87 1.31 0.00	31.86 1.31 0.00	39.02 1.56 0.00	59.78 2.23 0.00	50.85 2.21 0.00	46.65 1.70 0.00	42.50 1.24 0.00	43.67 1.40 0.00	49.66 1.61 0.00	42.54 0.99 0.00	41.71 0.87 0.00	39.55 0.66 0.00	40.32 0.95 0.00	44.48 1.10 0.00	50.88 1.60 0.00	43.68 1.46 0.00	41.88 0.68 0.00	41.82 0.18 0.00	36.87 0.08 0.00	35.35 0.25 0.00	32.37 0.44 0.00

FALCON___SEABRD_CC2 323797	37.84 0.97 0.00	38.88 1.27 0.00	38.13 1.28 0.00	33.87 1.31 0.00	31.86 1.31 0.00	39.02 1.56 0.00	59.78 2.23 0.00	50.85 2.21 0.00	46.65 1.70 0.00	42.50 1.24 0.00	43.67 1.40 0.00	49.66 1.61 0.00	42.54 0.99 0.00	41.71 0.87 0.00	39.55 0.66 0.00	40.32 0.95 0.00	44.48 1.10 0.00	50.88 1.60 0.00	43.68 1.46 0.00	41.88 0.68 0.00	41.82 0.18 0.00	36.87 0.08 0.00	35.35 0.25 0.00	32.37 0.44 0.00
FAR ROCKAWAY___4 23548	106.94 3.44 -66.63	42.36 3.31 -1.44	39.86 3.01 0.00	36.06 2.69 -0.81	32.96 2.42 0.00	40.27 2.81 0.00	61.69 4.14 0.00	52.39 3.75 0.00	48.65 3.70 0.00	44.75 3.49 0.00	45.65 3.38 0.00	51.62 3.57 0.00	45.53 3.98 0.00	44.90 4.05 0.00	43.38 4.31 -0.18	43.64 4.28 0.00	47.92 4.54 0.00	56.28 5.04 -1.96	46.44 4.21 0.00	45.10 3.90 0.00	45.36 3.75 0.02	39.91 3.12 0.00	37.85 2.75 0.00	34.06 2.13 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	39.37 2.49 0.00	39.88 2.27 0.00	38.84 1.99 0.00	34.39 1.82 0.00	32.25 1.71 0.00	39.40 1.95 0.00	60.65 3.09 0.00	51.66 3.02 0.00	47.93 2.98 0.00	43.97 2.71 0.00	45.04 2.77 0.00	51.15 3.09 0.00	44.74 3.20 0.00	44.05 3.20 0.00	42.20 3.31 0.00	42.72 3.36 0.00	47.01 3.63 0.00	53.26 3.98 0.00	45.36 3.13 0.00	44.01 2.81 0.00	44.37 2.76 0.02	39.19 2.39 0.00	37.10 2.00 0.00	33.39 1.45 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	39.43 2.56 0.00	39.93 2.32 0.00	38.89 2.04 0.00	34.43 1.86 0.00	32.29 1.74 0.00	39.44 1.98 0.00	60.71 3.16 0.00	51.71 3.07 0.00	47.98 3.03 0.00	44.01 2.75 0.00	45.09 2.82 0.00	51.19 3.14 0.00	44.79 3.25 0.00	44.10 3.25 0.00	42.24 3.35 0.00	42.76 3.40 0.00	47.07 3.68 0.00	53.31 4.03 0.00	45.40 3.18 0.00	44.06 2.86 0.00	44.42 2.80 0.02	39.23 2.43 0.00	37.15 2.04 0.00	33.43 1.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	39.36 2.49 0.00	39.87 2.25 0.00	38.83 1.98 0.00	34.38 1.82 0.00	32.25 1.71 0.00	39.40 1.94 0.00	60.64 3.09 0.00	51.66 3.02 0.00	47.93 2.98 0.00	43.97 2.71 0.00	45.03 2.76 0.00	51.14 3.09 0.00	44.74 3.19 0.00	44.05 3.20 0.00	42.19 3.31 0.00	42.72 3.35 0.00	47.01 3.63 0.00	53.26 3.97 0.00	45.35 3.12 0.00	44.00 2.80 0.00	44.36 2.74 0.02	39.18 2.38 0.00	37.10 1.99 0.00	33.39 1.45 0.00
FARRAGUT___LBMP 323566	39.33 2.45 0.00	39.83 2.22 0.00	38.80 1.95 0.00	34.36 1.79 0.00	32.22 1.68 0.00	39.37 1.91 0.00	60.59 3.03 0.00	51.61 2.97 0.00	47.86 2.91 0.00	43.92 2.66 0.00	44.98 2.71 0.00	51.08 3.03 0.00	44.68 3.14 0.00	44.00 3.16 0.00	42.15 3.26 0.00	42.68 3.31 0.00	46.96 3.58 0.00	53.19 3.91 0.00	45.30 3.08 0.00	43.96 2.76 0.00	44.32 2.70 0.02	39.15 2.35 0.00	37.07 1.97 0.00	33.35 1.42 0.00
FENNER___WINDPWR 24204	37.64 0.77 0.00	38.23 0.62 0.00	37.39 0.55 0.00	33.03 0.47 0.00	30.97 0.43 0.00	38.09 0.63 0.00	58.80 1.25 0.00	49.75 1.12 0.00	45.95 1.00 0.00	42.07 0.82 0.00	43.07 0.81 0.00	48.92 0.87 0.00	42.38 0.84 0.00	41.78 0.93 0.00	39.82 0.93 0.00	40.35 0.99 0.00	44.53 1.14 0.00	50.67 1.39 0.00	43.49 1.26 0.00	42.38 1.17 0.00	42.75 1.15 0.04	37.74 0.94 0.00	35.87 0.78 0.00	32.40 0.47 0.00
FIBERTEK___ENERGY 23856	36.82 -0.05 0.00	37.36 -0.25 0.00	36.55 -0.30 0.00	32.30 -0.26 0.00	30.26 -0.28 0.00	37.18 -0.27 0.00	57.34 -0.21 0.00	48.53 -0.11 0.00	44.87 -0.08 0.00	41.13 -0.13 0.00	42.23 -0.03 0.00	48.01 -0.04 0.00	41.64 0.10 0.00	41.02 0.17 0.00	39.08 0.19 0.00	39.58 0.21 0.00	43.58 0.20 0.00	49.51 0.23 0.00	42.40 0.18 0.00	41.31 0.11 0.00	41.72 0.09 0.00	36.82 0.02 0.00	35.05 -0.05 0.00	31.73 -0.20 0.00
FITZPATRICK____ 23598	35.85 -1.02 0.00	36.44 -1.17 0.00	35.66 -1.19 0.00	31.52 -1.05 0.00	29.54 -1.00 0.00	36.28 -1.18 0.00	55.87 -1.68 0.00	47.27 -1.37 0.00	43.69 -1.26 0.00	40.07 -1.19 0.00	41.09 -1.17 0.00	46.71 -1.35 0.00	40.49 -1.06 0.00	39.85 -1.00 0.00	37.94 -0.95 0.00	38.42 -0.95 0.00	42.27 -1.11 0.00	48.02 -1.26 0.00	41.13 -1.09 0.00	40.10 -1.10 0.00	40.55 -1.11 -0.02	35.81 -0.99 0.00	34.13 -0.97 0.00	30.97 -0.96 0.00
FLOWRFLD_69_KV_BK1 356044	106.54 3.04 -66.63	41.84 2.79 -1.44	39.31 2.46 0.00	35.56 2.18 -0.81	32.46 1.92 0.00	39.68 2.21 0.00	60.76 3.21 0.00	51.72 3.09 0.00	47.88 2.93 0.00	44.20 2.95 0.00	44.64 2.38 0.00	50.12 2.07 0.00	44.74 3.20 0.00	44.20 3.36 0.00	42.75 3.69 -0.18	42.81 3.44 0.00	47.06 3.68 0.00	55.60 4.36 -1.96	45.98 3.75 0.00	44.77 3.57 0.00	44.91 3.29 0.02	39.21 2.42 0.00	37.16 2.05 0.00	33.58 1.65 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	39.29 2.42 0.00	39.82 2.21 0.00	38.82 1.97 0.00	34.32 1.76 0.00	32.18 1.63 0.00	39.37 1.92 0.00	60.66 3.11 0.00	51.68 3.04 0.00	48.09 3.14 0.00	44.19 2.93 0.00	45.17 2.90 0.00	51.04 2.99 0.00	44.57 3.03 0.00	43.87 3.02 0.00	41.95 3.07 0.00	42.49 3.12 0.00	46.78 3.40 0.00	53.16 3.88 0.00	45.37 3.14 0.00	44.08 2.88 0.00	44.49 2.88 0.02	39.21 2.41 0.00	37.11 2.01 0.00	33.41 1.47 0.00
FORT ORANGE____ 23900	37.52 0.65 0.00	38.26 0.66 0.00	37.40 0.55 0.00	33.08 0.51 0.00	31.06 0.52 0.00	38.06 0.60 0.00	58.40 0.85 0.00	49.59 0.96 0.00	45.88 0.93 0.00	41.89 0.63 0.00	42.91 0.64 0.00	48.69 0.64 0.00	42.24 0.69 0.00	41.51 0.66 0.00	39.57 0.69 0.00	40.03 0.66 0.00	44.09 0.70 0.00	50.35 1.07 0.00	43.19 0.96 0.00	42.17 0.97 0.00	42.75 1.11 0.00	37.75 0.95 0.00	36.02 0.92 0.00	32.59 0.66 0.00
FORT_DRUM_COGEN 23780	37.09 0.21 0.00	37.85 0.24 0.00	36.96 0.11 0.00	32.60 0.03 0.00	30.51 -0.03 0.00	37.55 0.09 0.00	58.44 0.89 0.00	49.40 0.77 0.00	45.19 0.24 0.00	41.17 -0.09 0.00	42.21 -0.05 0.00	47.64 -0.41 0.00	41.08 -0.46 0.00	40.44 -0.41 0.00	38.37 -0.52 0.00	38.67 -0.70 0.00	42.87 -0.51 0.00	49.28 0.01 0.00	42.66 0.44 0.00	42.18 0.98 0.00	42.83 1.20 0.00	37.87 1.07 0.00	35.94 0.84 0.00	31.87 -0.07 0.00
FOX_HILLS___ESR 323835	43.21 2.64 -3.69	41.50 2.34 -1.55	42.76 2.10 -3.81	42.46 1.96 -7.93	42.16 1.84 -9.78	41.57 2.14 -1.97	60.83 3.25 -0.03	51.73 3.10 0.00	45.82 3.05 2.18	40.52 2.91 3.64	43.90 2.79 1.15	50.58 3.16 0.63	41.80 3.35 3.09	42.64 3.32 1.52	41.84 3.45 0.50	57.00 3.49 -14.15	46.80 3.75 0.33	53.39 4.11 0.00	45.43 3.20 0.00	44.10 2.90 0.00	44.49 2.88 0.02	39.34 2.54 0.00	38.84 2.14 -1.60	43.81 1.61 -10.26
FPL FAR_ROCK_GT1 24212	106.94 3.43 -66.63	42.36 3.31 -1.44	39.87 3.02 0.00	36.06 2.69 -0.81	32.96 2.42 0.00	40.27 2.81 0.00	61.69 4.14 0.00	52.39 3.76 0.00	48.65 3.71 0.00	44.76 3.50 0.00	45.65 3.39 0.00	51.62 3.57 0.00	45.52 3.98 0.00	44.90 4.05 0.00	43.38 4.31 -0.18	43.64 4.28 0.00	47.92 4.54 0.00	56.28 5.04 -1.96	46.44 4.21 0.00	45.10 3.90 0.00	45.36 3.75 0.02	39.91 3.12 0.00	37.85 2.75 0.00	34.07 2.14 0.00

FPL FAR_ROCK_GT2 23815	106.94 3.43 -66.63	42.36 3.31 -1.44	39.87 3.02 0.00	36.06 2.69 -0.81	32.96 2.42 0.00	40.27 2.81 0.00	61.69 4.14 0.00	52.39 3.76 0.00	48.65 3.71 0.00	44.76 3.50 0.00	45.65 3.39 0.00	51.62 3.57 0.00	45.52 3.98 0.00	44.90 4.05 0.00	43.38 4.31 -0.18	43.64 4.28 0.00	47.92 4.54 0.00	56.28 5.04 -1.96	46.44 4.21 0.00	45.10 3.90 0.00	45.36 3.75 0.02	39.91 3.12 0.00	37.85 2.75 0.00	34.07 2.14 0.00
FRANKLIN_FALL_HYD 24054	36.95 0.08 0.00	37.84 0.23 0.00	37.12 0.27 0.00	32.92 0.35 0.00	30.93 0.38 0.00	37.92 0.46 0.00	58.29 0.75 0.00	49.25 0.62 0.00	45.27 0.32 0.00	41.40 0.14 0.00	42.43 0.17 0.00	48.25 0.19 0.00	41.33 -0.21 0.00	40.50 -0.34 0.00	38.38 -0.51 0.00	38.89 -0.47 0.00	43.02 -0.36 0.00	49.05 -0.23 0.00	42.11 -0.12 0.00	41.02 -0.18 0.00	41.29 -0.35 0.00	36.51 -0.29 0.00	35.04 -0.06 0.00	32.08 0.14 0.00
FREEPORT_EQUS_GT1 23764	106.62 3.12 -66.63	42.04 2.99 -1.44	39.51 2.66 0.00	35.77 2.39 -0.81	32.68 2.14 0.00	39.95 2.50 0.00	61.10 3.54 0.00	51.85 3.22 0.00	48.22 3.27 0.00	44.39 3.13 0.00	45.09 2.83 0.00	50.83 2.78 0.00	44.93 3.38 0.00	44.49 3.64 0.00	43.00 3.93 -0.18	43.23 3.87 0.00	47.31 3.93 0.00	55.61 4.37 -1.96	45.99 3.76 0.00	44.78 3.58 0.00	45.03 3.41 0.02	39.58 2.78 0.00	37.54 2.44 0.00	33.82 1.89 0.00
FREEPORT___CT2 23818	106.62 3.12 -66.63	42.04 2.99 -1.44	39.51 2.66 0.00	35.77 2.39 -0.81	32.68 2.14 0.00	39.95 2.50 0.00	61.10 3.54 0.00	51.85 3.22 0.00	48.22 3.27 0.00	44.39 3.13 0.00	45.09 2.83 0.00	50.83 2.78 0.00	44.93 3.38 0.00	44.49 3.64 0.00	43.00 3.93 -0.18	43.23 3.87 0.00	47.31 3.93 0.00	55.61 4.37 -1.96	45.99 3.76 0.00	44.78 3.58 0.00	45.03 3.41 0.02	39.58 2.78 0.00	37.54 2.44 0.00	33.82 1.89 0.00
FRESHKLS_33_KV_LOAD 356253	43.18 2.57 -3.74	41.43 2.27 -1.55	42.67 2.01 -3.81	42.39 1.89 -7.93	42.10 1.78 -9.78	41.49 2.07 -1.97	59.89 3.08 0.74	48.77 2.93 2.80	45.30 2.90 2.56	40.97 2.84 3.12	43.77 2.66 1.15	50.43 3.01 0.63	42.15 3.25 2.64	43.28 3.20 0.76	41.89 3.34 0.34	42.48 3.39 0.27	46.91 3.66 0.13	53.31 4.03 0.00	45.34 3.12 0.00	44.02 2.82 0.00	44.43 2.82 0.02	39.31 2.51 0.00	38.81 2.11 -1.60	43.78 1.59 -10.26
FULTON COGEN____ 23766	36.30 -0.58 0.00	36.84 -0.77 0.00	36.04 -0.81 0.00	31.84 -0.72 0.00	29.86 -0.68 0.00	36.69 -0.76 0.00	56.56 -1.00 0.00	47.85 -0.78 0.00	44.24 -0.71 0.00	40.51 -0.75 0.00	41.60 -0.66 0.00	47.20 -0.85 0.00	40.92 -0.62 0.00	40.30 -0.55 0.00	38.41 -0.47 0.00	38.93 -0.43 0.00	42.84 -0.55 0.00	48.72 -0.56 0.00	41.73 -0.50 0.00	40.72 -0.48 0.00	41.16 -0.47 0.00	36.34 -0.46 0.00	34.59 -0.51 0.00	31.34 -0.60 0.00
FULTON___LFGE 323630	39.22 2.35 0.00	39.79 2.18 0.00	38.92 2.07 0.00	34.35 1.79 0.00	32.19 1.65 0.00	39.55 2.09 0.00	61.08 3.53 0.00	51.57 2.93 0.00	46.87 1.91 0.00	42.61 1.35 0.00	43.27 1.00 0.00	49.26 1.21 0.00	42.88 1.34 0.00	42.07 1.23 0.00	40.29 1.40 0.00	41.09 1.73 0.00	45.58 2.20 0.00	52.03 2.75 0.00	44.90 2.67 0.00	43.90 2.70 0.00	44.32 2.71 0.02	39.15 2.36 0.00	37.17 2.07 0.00	33.64 1.71 0.00
G.F.CEMENT___DRP 24184	39.91 3.04 0.00	40.72 3.11 0.00	39.77 2.92 0.00	35.11 2.54 0.00	33.00 2.46 0.00	40.60 3.14 0.00	62.29 4.74 0.00	52.94 4.31 0.00	48.73 3.78 0.00	44.16 2.91 0.00	44.98 2.71 0.00	51.29 3.24 0.00	44.36 2.82 0.00	43.34 2.49 0.00	41.26 2.38 0.00	42.02 2.66 0.00	46.29 2.91 0.00	53.30 4.02 0.00	46.28 4.05 0.00	45.13 3.93 0.00	46.01 4.37 0.00	40.51 3.72 0.00	38.37 3.27 0.00	34.70 2.77 0.00
GARDENVILLE___LBMP 24039	36.01 -0.86 0.00	36.08 -1.52 0.00	35.33 -1.52 0.00	31.22 -1.35 0.00	29.16 -1.38 0.00	36.09 -1.36 0.00	56.05 -1.50 0.00	47.13 -1.51 0.00	43.69 -1.26 0.00	40.21 -1.05 0.00	41.58 -0.68 0.00	47.14 -0.91 0.00	40.98 -0.56 0.00	40.55 -0.30 0.00	37.99 -0.89 0.00	38.53 -0.84 0.00	42.09 -1.29 0.00	47.39 -1.89 -0.01	40.47 -1.76 0.00	39.08 -2.12 0.00	38.62 -2.22 0.81	35.03 -1.77 0.00	33.78 -1.32 0.00	30.47 -1.46 0.00
GARDNVLA_35_KV_LD 355827	36.18 -0.69 0.00	36.23 -1.37 0.00	35.48 -1.37 0.00	31.34 -1.22 0.00	29.27 -1.27 0.00	36.23 -1.23 0.00	56.27 -1.28 0.00	47.30 -1.34 0.00	43.85 -1.10 0.00	40.37 -0.89 0.00	41.78 -0.49 0.00	47.36 -0.69 0.00	41.19 -0.36 0.00	40.76 -0.08 0.00	38.20 -0.69 0.00	38.72 -0.64 0.00	42.30 -1.09 0.00	47.63 -1.65 -0.01	40.67 -1.55 0.00	39.26 -1.95 0.00	38.80 -2.05 0.79	35.17 -1.63 0.00	33.90 -1.20 0.00	30.58 -1.36 0.00
GELCKHM___115KV_LOAD 80723	36.55 -0.32 0.00	37.09 -0.52 0.00	36.28 -0.56 0.00	32.07 -0.49 0.00	30.05 -0.49 0.00	36.93 -0.53 0.00	56.93 -0.62 0.00	48.17 -0.47 0.00	44.56 -0.39 0.00	40.86 -0.40 0.00	41.95 -0.32 0.00	47.68 -0.37 0.00	41.35 -0.20 0.00	40.74 -0.11 0.00	38.79 -0.10 0.00	39.29 -0.08 0.00	43.23 -0.15 0.00	49.11 -0.16 0.00	42.06 -0.17 0.00	40.98 -0.22 0.00	41.40 -0.23 0.00	36.56 -0.24 0.00	34.80 -0.30 0.00	31.52 -0.41 0.00
GENERAL___MILLS 23808	36.10 -0.77 0.00	36.16 -1.44 0.00	35.41 -1.44 0.00	31.29 -1.28 0.00	29.22 -1.32 0.00	36.18 -1.28 0.00	56.17 -1.38 0.00	47.23 -1.41 0.00	43.77 -1.18 0.00	40.29 -0.97 0.00	41.68 -0.58 0.00	47.25 -0.81 0.00	41.10 -0.44 0.00	40.66 -0.19 0.00	38.10 -0.79 0.00	38.62 -0.75 0.00	42.18 -1.20 0.00	47.50 -1.79 -0.01	40.56 -1.67 0.00	39.16 -2.04 0.00	38.71 -2.13 0.79	35.09 -1.70 0.00	33.84 -1.26 0.00	30.52 -1.42 0.00
GE_PLASTICS___DRP 24183	37.47 0.59 0.00	38.19 0.58 0.00	37.35 0.50 0.00	33.03 0.47 0.00	31.02 0.48 0.00	38.01 0.55 0.00	58.29 0.74 0.00	49.49 0.86 0.00	45.80 0.85 0.00	41.87 0.61 0.00	42.89 0.62 0.00	48.69 0.64 0.00	42.27 0.72 0.00	41.54 0.69 0.00	39.61 0.72 0.00	40.05 0.68 0.00	44.08 0.70 0.00	50.27 0.99 0.00	43.06 0.84 0.00	42.02 0.82 0.00	42.55 0.92 0.00	37.58 0.79 0.00	35.81 0.70 0.00	32.42 0.49 0.00
GILBOA___1 23756	37.69 0.81 0.00	38.34 0.73 0.00	37.61 0.76 0.00	33.25 0.69 0.00	31.20 0.65 0.00	38.21 0.75 0.00	58.57 1.02 0.00	49.72 1.08 0.00	46.02 1.07 0.00	42.13 0.88 0.00	43.13 0.86 0.00	48.90 0.84 0.00	42.54 0.99 0.00	41.85 1.00 0.00	39.94 1.06 0.00	40.38 1.01 0.00	44.46 1.08 0.00	50.56 1.28 0.00	43.27 1.04 0.00	42.16 0.96 0.00	42.64 1.03 0.03	37.68 0.89 0.00	35.80 0.69 0.00	32.38 0.45 0.00
GILBOA___2 23757	37.69 0.81 0.00	38.34 0.73 0.00	37.61 0.76 0.00	33.25 0.69 0.00	31.20 0.65 0.00	38.21 0.75 0.00	58.57 1.02 0.00	49.72 1.08 0.00	46.02 1.07 0.00	42.13 0.88 0.00	43.13 0.86 0.00	48.90 0.84 0.00	42.54 0.99 0.00	41.85 1.00 0.00	39.94 1.06 0.00	40.38 1.01 0.00	44.46 1.08 0.00	50.56 1.28 0.00	43.27 1.04 0.00	42.16 0.96 0.00	42.64 1.03 0.03	37.68 0.89 0.00	35.80 0.69 0.00	32.38 0.45 0.00

GILBOA___3 23758	37.69 0.81 0.00	38.34 0.73 0.00	37.61 0.76 0.00	33.25 0.69 0.00	31.20 0.65 0.00	38.21 0.75 0.00	58.57 1.02 0.00	49.72 1.08 0.00	46.02 1.07 0.00	42.13 0.88 0.00	43.13 0.86 0.00	48.90 0.84 0.00	42.54 0.99 0.00	41.85 1.00 0.00	39.94 1.06 0.00	40.38 1.01 0.00	44.46 1.08 0.00	50.56 1.28 0.00	43.27 1.04 0.00	42.16 0.96 0.00	42.64 1.03 0.03	37.68 0.89 0.00	35.80 0.69 0.00	32.38 0.45 0.00
GILBOA___4 23759	37.69 0.81 0.00	38.34 0.73 0.00	37.61 0.76 0.00	33.25 0.69 0.00	31.20 0.65 0.00	38.21 0.75 0.00	58.57 1.02 0.00	49.72 1.08 0.00	46.02 1.07 0.00	42.13 0.88 0.00	43.13 0.86 0.00	48.90 0.84 0.00	42.54 0.99 0.00	41.85 1.00 0.00	39.94 1.06 0.00	40.38 1.01 0.00	44.46 1.08 0.00	50.56 1.28 0.00	43.27 1.04 0.00	42.16 0.96 0.00	42.64 1.03 0.03	37.68 0.89 0.00	35.80 0.69 0.00	32.38 0.45 0.00
GILBOA___ 23599	37.69 0.81 0.00	38.35 0.73 0.00	37.60 0.75 0.00	33.25 0.68 0.00	31.20 0.65 0.00	38.21 0.75 0.00	58.57 1.02 0.00	49.72 1.09 0.00	46.02 1.07 0.00	42.13 0.87 0.00	43.13 0.86 0.00	48.90 0.84 0.00	42.54 1.00 0.00	41.85 1.00 0.00	39.95 1.06 0.00	40.38 1.01 0.00	44.46 1.08 0.00	50.56 1.28 0.00	43.27 1.05 0.00	42.16 0.97 0.00	42.65 1.04 0.03	37.68 0.89 0.00	35.80 0.69 0.00	32.38 0.44 0.00
GINNA___ 23603	34.86 -2.02 0.00	35.17 -2.43 0.01	34.41 -2.44 0.00	30.41 -2.16 0.00	28.46 -2.09 0.00	35.10 -2.36 0.00	54.30 -3.25 0.00	45.89 -2.75 0.00	42.45 -2.50 0.00	39.01 -2.24 0.00	40.21 -2.05 0.00	45.69 -2.37 0.00	39.68 -1.86 0.00	39.18 -1.67 0.00	37.02 -1.87 0.00	37.50 -1.86 0.00	41.15 -2.23 0.00	46.57 -2.71 0.00	39.90 -2.33 0.00	38.77 -2.43 0.00	39.25 -2.51 -0.12	34.64 -2.16 0.00	33.16 -1.94 0.00	29.99 -1.95 0.00
GLEN PARK___ 23778	37.25 0.38 0.00	37.99 0.38 0.00	37.08 0.23 0.00	32.70 0.14 0.00	30.61 0.07 0.00	37.68 0.23 0.00	58.68 1.13 0.00	49.62 0.98 0.00	45.33 0.38 0.00	41.29 0.04 0.00	42.35 0.08 0.00	47.74 -0.31 0.00	41.15 -0.39 0.00	40.50 -0.34 0.00	38.41 -0.47 0.00	38.71 -0.66 0.00	42.91 -0.47 0.00	49.38 0.10 0.00	42.82 0.60 0.00	42.44 1.24 0.00	43.13 1.50 0.00	38.12 1.32 0.00	36.14 1.04 0.00	32.04 0.10 0.00
GLENDALE_27_KV_LOAD 356172	39.79 2.82 -0.09	40.14 2.53 0.00	39.11 2.26 0.00	34.63 2.07 0.00	32.49 1.95 0.00	39.74 2.28 0.00	61.21 3.66 0.00	52.12 3.48 0.00	48.35 3.40 0.00	45.43 3.12 -1.06	45.42 3.16 0.00	51.58 3.53 0.00	46.05 3.60 -0.91	46.00 3.61 -1.55	42.89 3.68 -0.32	43.54 3.72 -0.45	47.80 4.00 -0.42	53.66 4.38 0.00	45.72 3.49 0.00	44.34 3.14 0.00	44.71 3.10 0.02	39.49 2.70 0.00	37.38 2.28 0.00	33.62 1.68 0.00
GLENWOOD_IC_1_G5 23712	106.63 3.12 -66.63	41.97 2.92 -1.44	39.46 2.61 0.00	35.71 2.34 -0.81	32.66 2.12 0.00	39.92 2.46 0.00	61.20 3.65 0.00	52.03 3.39 0.00	48.10 3.15 0.00	44.25 2.99 0.00	45.06 2.80 0.00	50.79 2.73 0.00	44.82 3.28 0.00	44.39 3.54 0.00	42.88 3.81 -0.18	42.94 3.58 0.00	47.13 3.75 0.00	55.42 4.18 -1.96	45.76 3.53 0.00	44.60 3.40 0.00	44.98 3.37 0.02	39.54 2.75 0.00	37.48 2.38 0.00	33.76 1.83 0.00
GLENWOOD_IC_2_G1 23688	106.49 2.98 -66.63	41.83 2.77 -1.44	39.33 2.48 0.00	35.60 2.23 -0.81	32.56 2.01 0.00	39.79 2.33 0.00	61.01 3.46 0.00	51.88 3.25 0.00	48.09 3.13 0.00	44.22 2.96 0.00	45.04 2.78 0.00	50.90 2.85 0.00	44.89 3.34 0.00	44.34 3.49 0.00	42.81 3.75 -0.18	42.97 3.60 0.00	47.16 3.78 0.00	55.48 4.23 -1.96	45.82 3.59 0.00	44.54 3.34 0.00	44.84 3.22 0.02	39.42 2.63 0.00	37.37 2.27 0.00	33.67 1.73 0.00
GLENWOOD_IC_3_G1 23689	106.49 2.98 -66.63	41.83 2.77 -1.44	39.33 2.48 0.00	35.60 2.23 -0.81	32.56 2.01 0.00	39.79 2.33 0.00	61.01 3.46 0.00	51.88 3.25 0.00	48.09 3.13 0.00	44.22 2.96 0.00	45.04 2.78 0.00	50.90 2.85 0.00	44.89 3.34 0.00	44.34 3.49 0.00	42.81 3.75 -0.18	42.97 3.60 0.00	47.16 3.78 0.00	55.48 4.23 -1.96	45.82 3.59 0.00	44.54 3.34 0.00	44.84 3.22 0.02	39.42 2.63 0.00	37.37 2.27 0.00	33.67 1.73 0.00
GLENWOOD___4 23550	106.63 3.12 -66.63	41.97 2.92 -1.44	39.46 2.61 0.00	35.71 2.34 -0.81	32.66 2.12 0.00	39.92 2.46 0.00	61.20 3.65 0.00	52.03 3.40 0.00	48.16 3.21 0.00	44.30 3.05 0.00	45.12 2.86 0.00	50.91 2.86 0.00	44.92 3.38 0.00	44.45 3.60 0.00	42.93 3.86 -0.18	43.04 3.67 0.00	47.24 3.86 0.00	55.54 4.30 -1.96	45.85 3.63 0.00	44.65 3.45 0.00	44.98 3.37 0.02	39.54 2.75 0.00	37.48 2.38 0.00	33.76 1.83 0.00
GLENWOOD___5 23614	106.63 3.12 -66.63	41.97 2.92 -1.44	39.46 2.61 0.00	35.71 2.34 -0.81	32.66 2.12 0.00	39.92 2.46 0.00	61.20 3.65 0.00	52.03 3.40 0.00	48.16 3.21 0.00	44.30 3.05 0.00	45.12 2.86 0.00	50.91 2.86 0.00	44.92 3.38 0.00	44.45 3.60 0.00	42.93 3.86 -0.18	43.04 3.67 0.00	47.24 3.86 0.00	55.54 4.30 -1.96	45.85 3.63 0.00	44.65 3.45 0.00	44.98 3.37 0.02	39.54 2.75 0.00	37.48 2.38 0.00	33.76 1.83 0.00
GLOBAL GREEN_PORT_GT1 23814	106.98 3.48 -66.63	42.18 3.12 -1.44	39.43 2.58 0.00	35.75 2.37 -0.81	32.82 2.28 0.00	40.24 2.79 0.00	60.69 3.14 0.00	51.29 2.66 0.00	48.62 3.67 0.00	45.20 3.94 0.00	45.93 3.66 0.00	51.78 3.72 0.00	46.10 4.55 0.00	45.60 4.75 0.00	44.09 5.03 -0.18	44.21 4.84 0.00	48.74 5.36 0.00	57.64 6.40 -1.96	47.55 5.33 0.00	45.99 4.79 0.00	46.15 4.53 0.02	40.03 3.23 0.00	37.97 2.87 0.00	34.21 2.27 0.00
GLOBE___DSASP 323697	34.74 -2.13 0.00	34.86 -2.74 0.01	34.15 -2.70 0.00	30.17 -2.39 0.00	28.15 -2.39 0.00	34.84 -2.62 0.00	53.96 -3.59 0.00	45.23 -3.40 0.00	41.90 -3.05 0.00	38.55 -2.70 0.00	39.90 -2.36 0.00	45.12 -2.93 0.00	39.25 -2.29 0.00	38.80 -2.05 0.00	36.23 -2.65 0.00	36.70 -2.66 0.00	40.02 -3.37 0.00	45.00 -4.28 0.00	38.46 -3.77 0.00	37.23 -3.97 0.00	36.66 -4.08 0.90	33.55 -3.24 0.00	32.53 -2.57 0.00	29.46 -2.47 0.00
GOETHSLN___LBMP 323567	39.10 2.22 0.00	39.60 1.99 0.00	38.58 1.73 0.00	34.16 1.60 0.00	32.05 1.51 0.00	39.14 1.68 0.00	59.46 2.68 0.77	48.52 2.67 2.79	45.02 2.63 2.56	43.23 2.41 0.44	44.52 2.47 0.22	50.82 2.77 0.00	44.46 2.92 0.00	43.78 2.93 0.00	41.95 3.06 0.00	42.49 3.13 0.00	46.77 3.39 0.00	52.98 3.70 0.00	45.13 2.90 0.00	43.80 2.59 0.00	44.17 2.55 0.02	39.00 2.20 0.00	36.91 1.81 0.00	33.22 1.29 0.00
GOLAH___69_KV_TB 1_2 80279	36.57 -0.30 0.00	36.81 -0.79 0.01	36.01 -0.84 0.00	31.80 -0.77 0.00	29.74 -0.81 0.00	36.73 -0.73 0.00	56.91 -0.64 0.00	48.07 -0.57 0.00	44.49 -0.45 0.00	40.88 -0.38 0.00	42.17 -0.09 0.00	47.84 -0.22 0.00	41.54 0.00 0.00	41.04 0.19 0.00	38.67 -0.22 0.00	39.16 -0.21 0.00	42.91 -0.48 0.00	48.56 -0.72 0.00	41.58 -0.65 0.00	40.38 -0.82 0.00	40.83 -0.87 -0.05	36.14 -0.65 0.00	34.67 -0.43 0.00	31.33 -0.61 0.00

GOODYEAR_LAKE_HYD 323669	38.41 1.54 0.00	38.92 1.31 0.00	38.08 1.23 0.00	33.64 1.08 0.00	31.52 0.98 0.00	38.70 1.24 0.00	59.79 2.24 0.00	50.69 2.05 0.00	46.87 1.92 0.00	43.00 1.75 0.00	44.07 1.81 0.00	50.04 1.98 0.00	43.49 1.95 0.00	42.84 1.99 0.00	40.89 2.00 0.00	41.43 2.07 0.00	45.64 2.26 0.00	51.80 2.52 0.00	44.30 2.08 0.00	43.06 1.86 0.00	43.30 1.73 0.07	38.26 1.46 0.00	36.26 1.16 0.00	32.75 0.81 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	37.19 0.32 0.00	37.58 -0.03 0.00	36.78 -0.07 0.00	32.51 -0.06 0.00	30.47 -0.08 0.00	37.48 0.02 0.00	58.06 0.51 0.00	49.15 0.51 0.00	45.49 0.54 0.00	41.71 0.46 0.00	42.79 0.53 0.00	48.62 0.57 0.00	42.24 0.69 0.00	41.69 0.84 0.00	39.65 0.76 0.00	40.28 0.91 0.00	44.33 0.94 0.00	50.27 0.99 0.00	42.93 0.71 0.00	41.71 0.51 0.00	41.89 0.43 0.18	37.09 0.29 0.00	35.29 0.19 0.00	31.84 -0.09 0.00
GOUDEY___7 23579	37.19 0.32 0.00	37.58 -0.03 0.00	36.78 -0.07 0.00	32.51 -0.06 0.00	30.47 -0.08 0.00	37.48 0.02 0.00	58.06 0.51 0.00	49.15 0.51 0.00	45.49 0.54 0.00	41.71 0.46 0.00	42.79 0.53 0.00	48.62 0.57 0.00	42.24 0.69 0.00	41.69 0.84 0.00	39.65 0.76 0.00	40.28 0.91 0.00	44.33 0.94 0.00	50.27 0.99 0.00	42.93 0.71 0.00	41.71 0.51 0.00	41.89 0.43 0.18	37.09 0.29 0.00	35.29 0.19 0.00	31.84 -0.09 0.00
GOUDEY___8 23580	37.19 0.32 0.00	37.58 -0.03 0.00	36.78 -0.07 0.00	32.51 -0.06 0.00	30.47 -0.08 0.00	37.48 0.02 0.00	58.06 0.51 0.00	49.15 0.51 0.00	45.49 0.54 0.00	41.71 0.46 0.00	42.79 0.53 0.00	48.62 0.57 0.00	42.24 0.69 0.00	41.69 0.84 0.00	39.65 0.76 0.00	40.28 0.91 0.00	44.33 0.94 0.00	50.27 0.99 0.00	42.93 0.71 0.00	41.71 0.51 0.00	41.89 0.43 0.18	37.09 0.29 0.00	35.29 0.19 0.00	31.84 -0.09 0.00
GOWANUS_GT1_1 24077	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT1_2 24078	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT1_3 24079	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT1_4 24080	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT1_5 24084	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT1_6 24111	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT1_7 24112	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT1_8 24113	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT2_1 24114	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT2_2 24115	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT2_3 24116	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26

GOWANUS_GT2_4 24117	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT2_5 24118	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT2_6 24119	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT2_7 24120	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT2_8 24121	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT3_1 24122	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT3_2 24123	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT3_3 24124	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT3_4 24125	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT3_5 24126	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT3_6 24127	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT3_7 24128	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT3_8 24129	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT4_1 24130	50.98 2.80 -11.31	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.29 3.03 0.00	51.46 3.41 0.00	114.67 3.54 -69.59	166.32 3.52 -121.95	67.40 3.63 -24.88	92.79 3.68 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT4_2 24131	50.98 2.80 -11.31	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.29 3.03 0.00	51.46 3.41 0.00	114.67 3.54 -69.59	166.32 3.52 -121.95	67.40 3.63 -24.88	92.79 3.68 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26

GOWANUS_GT4_3 24132	50.98 2.80 -11.31	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.29 3.03 0.00	51.46 3.41 0.00	114.67 3.54 -69.59	166.32 3.52 -121.95	67.40 3.63 -24.88	92.79 3.68 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT4_4 24133	50.98 2.80 -11.31	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.29 3.03 0.00	51.46 3.41 0.00	114.67 3.54 -69.59	166.32 3.52 -121.95	67.40 3.63 -24.88	92.79 3.68 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT4_5 24134	50.98 2.80 -11.31	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.29 3.03 0.00	51.46 3.41 0.00	114.67 3.54 -69.59	166.32 3.52 -121.95	67.40 3.63 -24.88	92.79 3.68 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT4_6 24135	50.98 2.80 -11.31	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.29 3.03 0.00	51.46 3.41 0.00	114.67 3.54 -69.59	166.32 3.52 -121.95	67.40 3.63 -24.88	92.79 3.68 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT4_7 24136	50.98 2.80 -11.31	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.29 3.03 0.00	51.46 3.41 0.00	114.67 3.54 -69.59	166.32 3.52 -121.95	67.40 3.63 -24.88	92.79 3.68 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GOWANUS_GT4_8 24137	50.98 2.80 -11.31	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.29 3.03 0.00	51.46 3.41 0.00	114.67 3.54 -69.59	166.32 3.52 -121.95	67.40 3.63 -24.88	92.79 3.68 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GREENBSH_115KV_TB3 55895	37.27 0.40 0.00	38.02 0.41 0.00	37.16 0.31 0.00	32.88 0.31 0.00	30.88 0.34 0.00	37.83 0.37 0.00	58.00 0.45 0.00	49.25 0.61 0.00	45.58 0.63 0.00	41.65 0.40 0.00	42.67 0.41 0.00	48.47 0.42 0.00	42.06 0.52 0.00	41.34 0.49 0.00	39.38 0.50 0.00	39.81 0.44 0.00	43.82 0.44 0.00	50.03 0.75 0.00	42.87 0.65 0.00	41.85 0.65 0.00	42.42 0.78 0.00	37.47 0.68 0.00	35.77 0.68 0.00	32.39 0.46 0.00
GREENDGE_115KV_TB5 80291	37.11 0.23 0.00	37.36 -0.25 0.00	36.54 -0.31 0.00	32.32 -0.24 0.00	30.31 -0.23 0.00	37.38 -0.08 0.00	57.69 0.14 0.00	48.97 0.33 0.00	45.25 0.30 0.00	41.47 0.22 0.00	42.59 0.33 0.00	48.35 0.29 0.00	42.03 0.49 0.00	41.53 0.68 0.00	39.40 0.51 0.00	40.00 0.64 0.00	43.98 0.59 0.00	49.85 0.57 0.00	42.65 0.43 0.00	41.43 0.23 0.00	41.60 0.15 0.19	36.90 0.10 0.00	35.22 0.11 0.00	31.80 -0.14 0.00
GREENIDGE___3 23582	37.11 0.23 0.00	37.36 -0.25 0.00	36.54 -0.31 0.00	32.32 -0.24 0.00	30.31 -0.23 0.00	37.38 -0.08 0.00	57.69 0.14 0.00	48.97 0.33 0.00	45.25 0.30 0.00	41.47 0.22 0.00	42.59 0.33 0.00	48.35 0.29 0.00	42.03 0.49 0.00	41.53 0.68 0.00	39.40 0.51 0.00	40.00 0.64 0.00	43.98 0.59 0.00	49.85 0.57 0.00	42.65 0.43 0.00	41.43 0.23 0.00	41.60 0.15 0.19	36.90 0.10 0.00	35.22 0.11 0.00	31.80 -0.14 0.00
GREENIDGE___4 23583	37.12 0.25 0.00	37.36 -0.24 0.00	36.54 -0.31 0.00	32.33 -0.23 0.00	30.31 -0.23 0.00	37.38 -0.08 0.00	57.68 0.13 0.00	48.97 0.33 0.00	45.25 0.30 0.00	41.46 0.20 0.00	42.59 0.32 0.00	48.35 0.29 0.00	42.04 0.49 0.00	41.53 0.68 0.00	39.40 0.51 0.00	40.01 0.64 0.00	43.98 0.59 0.00	49.84 0.56 0.00	42.66 0.43 0.00	41.43 0.23 0.00	41.59 0.15 0.19	36.90 0.10 0.00	35.22 0.11 0.00	31.80 -0.13 0.00
GREENLWN_69_KV_BK 3 55738	106.21 2.70 -66.63	41.63 2.58 -1.44	39.17 2.32 0.00	35.50 2.13 -0.81	32.44 1.90 0.00	39.62 2.16 0.00	60.70 3.15 0.00	51.66 3.02 0.00	47.78 2.83 0.00	43.99 2.73 0.00	44.70 2.43 0.00	50.41 2.35 0.00	44.65 3.11 0.00	44.06 3.21 0.00	42.57 3.51 -0.18	42.80 3.44 0.00	47.02 3.64 0.00	55.36 4.12 -1.96	45.72 3.49 0.00	44.45 3.25 0.00	44.66 3.04 0.02	39.13 2.34 0.00	37.09 1.99 0.00	33.52 1.59 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
GRISSOM___SOLAR 323813	39.12 2.25 0.00	39.71 2.10 0.00	38.84 1.99 0.00	34.28 1.72 0.00	32.14 1.59 0.00	39.48 2.02 0.00	60.89 3.33 0.00	51.44 2.80 0.00	46.57 1.61 0.00	42.33 1.07 0.00	42.92 0.66 0.00	48.91 0.86 0.00	42.64 1.09 0.00	41.78 0.93 0.00	39.99 1.10 0.00	40.82 1.46 0.00	45.32 1.94 0.00	51.78 2.51 0.00	44.78 2.55 0.00	43.82 2.62 0.00	44.27 2.66 0.02	39.09 2.30 0.00	37.12 2.02 0.00	33.59 1.66 0.00
GROVEVILLE___HYD 323602	39.29 2.42 0.00	39.82 2.21 0.00	38.82 1.97 0.00	34.32 1.76 0.00	32.18 1.63 0.00	39.37 1.92 0.00	60.66 3.11 0.00	51.68 3.04 0.00	48.09 3.14 0.00	44.19 2.93 0.00	45.17 2.90 0.00	51.04 2.99 0.00	44.57 3.03 0.00	43.87 3.02 0.00	41.95 3.07 0.00	42.49 3.12 0.00	46.78 3.40 0.00	53.16 3.88 0.00	45.37 3.14 0.00	44.08 2.88 0.00	44.49 2.88 0.02	39.21 2.41 0.00	37.11 2.01 0.00	33.41 1.47 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	36.82 -0.05 0.00	37.36 -0.25 0.00	36.55 -0.30 0.00	32.30 -0.26 0.00	30.26 -0.28 0.00	37.18 -0.27 0.00	57.34 -0.21 0.00	48.53 -0.11 0.00	44.87 -0.08 0.00	41.13 -0.13 0.00	42.23 -0.03 0.00	48.01 -0.04 0.00	41.64 0.10 0.00	41.02 0.17 0.00	39.08 0.19 0.00	39.58 0.21 0.00	43.58 0.20 0.00	49.51 0.23 0.00	42.40 0.18 0.00	41.31 0.11 0.00	41.72 0.09 0.00	36.82 0.02 0.00	35.05 -0.05 0.00	31.73 -0.20 0.00

HAMLTNNY_34_KV_TB 80303	36.89 0.01 0.00	37.40 -0.21 0.00	36.60 -0.25 0.00	32.34 -0.22 0.00	30.28 -0.26 0.00	37.21 -0.25 0.00	57.44 -0.11 0.00	48.59 -0.05 0.00	44.92 -0.04 0.00	41.15 -0.10 0.00	42.28 0.01 0.00	48.03 -0.03 0.00	41.67 0.13 0.00	41.04 0.19 0.00	39.08 0.19 0.00	39.61 0.25 0.00	43.62 0.24 0.00	49.54 0.26 0.00	42.41 0.18 0.00	41.31 0.11 0.00	41.74 0.10 0.00	36.82 0.03 0.00	35.05 -0.05 0.00	31.72 -0.21 0.00
HAMPSHIRE___PAPER_HYD 323593	36.54 -0.33 0.00	37.39 -0.22 0.00	36.61 -0.24 0.00	32.34 -0.22 0.00	30.33 -0.22 0.00	37.25 -0.21 0.00	57.58 0.03 0.00	48.47 -0.17 0.00	44.42 -0.53 0.00	40.42 -0.83 0.00	41.36 -0.90 0.00	46.91 -1.14 0.00	40.37 -1.17 0.00	39.64 -1.21 0.00	37.60 -1.28 0.00	37.94 -1.42 0.00	42.07 -1.31 0.00	48.19 -1.09 0.00	41.55 -0.67 0.00	40.85 -0.35 0.00	41.39 -0.25 0.00	36.68 -0.11 0.00	35.07 -0.03 0.00	31.58 -0.36 0.00
HARDSCRABBLE_WT_PWR 323673	37.25 0.37 0.00	37.88 0.27 0.00	36.87 0.02 0.00	32.51 -0.06 0.00	30.47 -0.07 0.00	37.41 -0.05 0.00	57.50 -0.05 0.00	48.78 0.14 0.00	44.97 0.02 0.00	40.86 -0.39 0.00	41.75 -0.51 0.00	47.72 -0.34 0.00	41.46 -0.09 0.00	40.67 -0.18 0.00	38.93 0.04 0.00	39.50 0.14 0.00	43.47 0.08 0.00	49.64 0.36 0.00	42.75 0.53 0.00	41.67 0.47 0.00	42.15 0.52 0.00	37.09 0.30 0.00	35.05 -0.05 0.00	31.65 -0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.06 2.18 0.00	39.57 1.96 0.00	38.58 1.73 0.00	34.10 1.53 0.00	31.98 1.44 0.00	39.11 1.66 0.00	60.29 2.74 0.00	51.37 2.74 0.00	47.63 2.68 0.00	43.67 2.41 0.00	44.75 2.49 0.00	50.85 2.80 0.00	44.41 2.86 0.00	43.76 2.91 0.00	41.87 2.98 0.00	42.39 3.03 0.00	46.73 3.35 0.00	53.07 3.79 0.00	45.25 3.02 0.00	43.94 2.73 0.00	44.31 2.69 0.02	39.02 2.22 0.00	36.93 1.83 0.00	33.22 1.29 0.00
HARSNRAD_115KV_TB1 81005	35.55 -1.33 0.00	35.63 -1.97 0.01	34.90 -1.95 0.00	30.83 -1.74 0.00	28.78 -1.77 0.00	35.64 -1.82 0.00	55.27 -2.28 0.00	46.39 -2.24 0.00	43.00 -1.95 0.00	39.52 -1.74 0.00	40.89 -1.37 0.00	46.30 -1.75 0.00	40.30 -1.24 0.00	39.83 -1.02 0.00	37.24 -1.65 0.00	37.70 -1.67 0.00	41.14 -2.24 0.00	46.33 -2.96 0.00	39.60 -2.63 0.00	38.32 -2.88 0.00	37.98 -2.97 0.68	34.47 -2.33 0.00	33.35 -1.75 0.00	30.16 -1.78 0.00
HARZA MOOSE___RIVER 24016	37.45 0.58 0.00	38.19 0.58 0.00	37.35 0.50 0.00	32.99 0.42 0.00	30.93 0.39 0.00	38.03 0.57 0.00	58.81 1.26 0.00	49.70 1.06 0.00	45.75 0.80 0.00	41.76 0.50 0.00	42.73 0.47 0.00	48.40 0.34 0.00	41.82 0.28 0.00	41.20 0.34 0.00	39.24 0.35 0.00	39.66 0.30 0.00	43.90 0.52 0.00	50.21 0.93 0.00	43.22 0.99 0.00	42.31 1.11 0.00	42.83 1.20 0.00	37.81 1.02 0.00	35.95 0.84 0.00	32.17 0.24 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	36.57 -0.30 0.00	37.09 -0.51 0.00	36.29 -0.56 0.00	32.07 -0.49 0.00	30.06 -0.48 0.00	36.94 -0.52 0.00	56.99 -0.56 0.00	48.22 -0.42 0.00	44.60 -0.35 0.00	40.92 -0.33 0.00	42.00 -0.26 0.00	47.75 -0.30 0.00	41.42 -0.12 0.00	40.83 -0.02 0.00	38.87 -0.02 0.00	39.36 0.00 0.00	43.31 -0.07 0.00	49.18 -0.09 0.00	42.11 -0.12 0.00	41.02 -0.18 0.00	41.44 -0.20 0.00	36.58 -0.21 0.00	34.83 -0.27 0.00	31.54 -0.40 0.00
HELLGATE_13_KV_LD 55870	39.49 2.61 0.00	39.94 2.33 0.00	38.91 2.06 0.00	34.47 1.90 0.00	32.33 1.79 0.00	39.54 2.08 0.00	60.86 3.31 0.00	51.83 3.19 0.00	48.07 3.11 0.00	44.10 2.84 -0.01	45.13 2.87 0.00	51.25 3.20 0.00	44.86 3.31 0.00	44.16 3.31 0.00	42.31 3.42 0.00	42.81 3.45 0.00	47.08 3.70 0.00	53.32 4.05 0.00	45.42 3.20 0.00	44.08 2.88 0.00	44.45 2.83 0.02	39.26 2.47 0.00	37.18 2.08 0.00	33.44 1.51 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	39.49 2.61 0.00	39.94 2.33 0.00	38.91 2.06 0.00	34.47 1.90 0.00	32.33 1.79 0.00	39.54 2.08 0.00	60.86 3.31 0.00	51.83 3.19 0.00	48.07 3.11 0.00	44.10 2.84 -0.01	45.13 2.87 0.00	51.25 3.20 0.00	44.86 3.31 0.00	44.16 3.31 0.00	42.31 3.42 0.00	42.81 3.45 0.00	47.08 3.70 0.00	53.32 4.05 0.00	45.42 3.20 0.00	44.08 2.88 0.00	44.45 2.83 0.02	39.26 2.47 0.00	37.18 2.08 0.00	33.44 1.51 0.00
HEMPSTEAD____ 23647	106.39 2.88 -66.63	41.75 2.70 -1.44	39.25 2.40 0.00	35.55 2.17 -0.81	32.51 1.97 0.00	39.73 2.27 0.00	60.89 3.34 0.00	51.77 3.13 0.00	47.95 3.00 0.00	44.11 2.86 0.00	44.90 2.63 0.00	50.67 2.61 0.00	44.75 3.20 0.00	44.23 3.39 0.00	42.73 3.66 -0.18	42.92 3.55 0.00	47.08 3.70 0.00	55.36 4.12 -1.96	45.71 3.49 0.00	44.46 3.26 0.00	44.74 3.12 0.02	39.32 2.52 0.00	37.30 2.20 0.00	33.61 1.67 0.00
HEWLETT_69_KV_BK3 55828	106.75 3.25 -66.63	42.13 3.08 -1.44	39.64 2.79 0.00	35.87 2.49 -0.81	32.79 2.25 0.00	40.06 2.61 0.00	61.35 3.80 0.00	52.10 3.46 0.00	48.38 3.43 0.00	44.49 3.24 0.00	45.37 3.10 0.00	51.31 3.25 0.00	45.24 3.70 0.00	44.62 3.77 0.00	43.11 4.05 -0.18	43.37 4.01 0.00	47.62 4.24 0.00	55.95 4.71 -1.96	46.16 3.93 0.00	44.84 3.64 0.00	45.09 3.48 0.02	39.68 2.89 0.00	37.64 2.54 0.00	33.89 1.96 0.00
HICKLING___1 23621	37.10 0.22 0.00	37.27 -0.34 0.00	36.48 -0.37 0.00	32.26 -0.31 0.00	30.22 -0.32 0.00	37.32 -0.14 0.00	58.20 0.64 0.00	49.16 0.52 0.00	45.55 0.60 0.00	41.78 0.52 0.00	42.96 0.70 0.00	48.84 0.79 0.00	42.42 0.87 0.00	41.93 1.09 0.00	39.74 0.85 0.00	40.51 1.14 0.00	44.53 1.15 0.00	50.40 1.12 0.00	42.94 0.72 0.00	41.58 0.38 0.00	41.60 0.27 0.30	36.92 0.12 0.00	35.20 0.10 0.00	31.63 -0.31 0.00
HICKLING___2 23622	37.10 0.22 0.00	37.27 -0.34 0.00	36.48 -0.37 0.00	32.26 -0.31 0.00	30.22 -0.32 0.00	37.32 -0.14 0.00	58.20 0.64 0.00	49.16 0.52 0.00	45.55 0.60 0.00	41.78 0.52 0.00	42.96 0.70 0.00	48.84 0.79 0.00	42.42 0.87 0.00	41.93 1.09 0.00	39.74 0.85 0.00	40.51 1.14 0.00	44.53 1.15 0.00	50.40 1.12 0.00	42.94 0.72 0.00	41.58 0.38 0.00	41.60 0.27 0.30	36.92 0.12 0.00	35.20 0.10 0.00	31.63 -0.31 0.00
HIGH FALLS___HY 23754	39.06 2.19 0.00	39.50 1.90 0.00	38.50 1.65 0.00	34.01 1.44 0.00	31.88 1.33 0.00	38.98 1.52 0.00	60.10 2.55 0.00	51.23 2.60 0.00	47.55 2.60 0.00	43.59 2.33 0.00	44.58 2.32 0.00	50.64 2.59 0.00	44.29 2.75 0.00	43.62 2.77 0.00	41.66 2.77 0.00	42.25 2.88 0.00	46.60 3.21 0.00	52.92 3.64 0.00	45.15 2.93 0.00	43.87 2.67 0.00	44.21 2.59 0.02	38.92 2.13 0.00	36.76 1.66 0.00	33.06 1.12 0.00
HIGH_RIVER___SOLAR 323847	38.38 1.50 0.00	39.03 1.42 0.00	38.18 1.33 0.00	33.73 1.17 0.00	31.64 1.10 0.00	38.82 1.36 0.00	59.75 2.20 0.00	50.52 1.89 0.00	46.20 1.25 0.00	41.93 0.68 0.00	42.78 0.52 0.00	48.63 0.57 0.00	42.28 0.74 0.00	41.43 0.58 0.00	39.67 0.78 0.00	40.44 1.08 0.00	44.60 1.22 0.00	50.95 1.67 0.00	43.99 1.76 0.00	42.99 1.79 0.00	43.51 1.88 0.00	38.38 1.59 0.00	36.47 1.37 0.00	33.03 1.09 0.00

HILLBURN___GT 23639	38.96 2.08 0.00	39.48 1.87 0.00	38.49 1.64 0.00	34.03 1.46 0.00	31.93 1.38 0.00	39.04 1.58 0.00	60.16 2.61 0.00	51.31 2.67 0.00	47.59 2.64 0.00	43.65 2.39 0.00	44.71 2.45 0.00	50.80 2.74 0.00	44.36 2.82 0.00	43.69 2.84 0.00	41.83 2.95 0.00	42.36 3.00 0.00	46.67 3.29 0.00	52.96 3.68 0.00	45.12 2.89 0.00	43.80 2.60 0.00	44.17 2.56 0.02	38.91 2.11 0.00	36.82 1.72 0.00	33.12 1.19 0.00
HILLSIDE_115KV_TB1 80332	36.58 -0.30 0.00	36.79 -0.81 0.00	36.04 -0.81 0.00	31.86 -0.71 0.00	29.86 -0.68 0.00	36.83 -0.62 0.00	57.45 -0.10 0.00	48.53 -0.11 0.00	44.96 0.01 0.00	41.25 -0.01 0.00	42.39 0.13 0.00	48.20 0.14 0.00	41.84 0.30 0.00	41.38 0.53 0.00	39.30 0.41 0.00	40.09 0.73 0.00	44.09 0.70 0.00	49.84 0.56 0.00	42.41 0.18 0.00	41.08 -0.12 0.00	41.09 -0.25 0.29	36.44 -0.36 0.00	34.73 -0.37 0.00	31.21 -0.73 0.00
HISHELDN_WT_PWR 323625	36.05 -0.82 0.00	36.12 -1.49 0.00	35.38 -1.47 0.00	31.31 -1.26 0.00	29.25 -1.30 0.00	36.19 -1.28 0.00	56.17 -1.38 0.00	47.25 -1.39 0.00	43.80 -1.15 0.00	40.27 -0.99 0.00	41.61 -0.65 0.00	47.21 -0.84 0.00	41.06 -0.48 0.00	40.61 -0.23 0.00	38.11 -0.77 0.00	38.66 -0.71 0.00	42.26 -1.12 0.00	47.56 -1.72 -0.01	40.67 -1.55 0.00	39.35 -1.85 0.00	38.99 -1.96 0.70	35.21 -1.58 0.00	33.86 -1.24 0.00	30.52 -1.41 0.00
HOLTSVILLE_IC_1 23690	106.22 2.72 -66.63	41.53 2.48 -1.44	39.05 2.20 0.00	35.33 1.96 -0.81	32.28 1.74 0.00	39.45 1.99 0.00	60.37 2.82 0.00	51.44 2.81 0.00	47.57 2.62 0.00	43.92 2.67 0.00	44.42 2.15 0.00	49.95 1.90 0.00	44.41 2.87 0.00	43.84 2.99 0.00	42.44 3.38 -0.18	42.58 3.22 0.00	46.84 3.45 0.00	55.34 4.10 -1.96	45.75 3.53 0.00	44.43 3.23 0.00	44.62 3.00 0.02	38.97 2.18 0.00	36.96 1.86 0.00	33.40 1.46 0.00
HOLTSVILLE_IC_10 23699	106.48 2.98 -66.63	41.78 2.73 -1.44	39.26 2.41 0.00	35.51 2.14 -0.81	32.43 1.88 0.00	39.63 2.17 0.00	60.67 3.12 0.00	51.61 2.97 0.00	47.82 2.86 0.00	44.17 2.92 0.00	44.64 2.38 0.00	50.21 2.16 0.00	44.68 3.14 0.00	44.13 3.28 0.00	42.70 3.64 -0.18	42.84 3.47 0.00	47.12 3.74 0.00	55.70 4.46 -1.96	46.07 3.85 0.00	44.74 3.54 0.00	44.89 3.28 0.02	39.18 2.39 0.00	37.14 2.04 0.00	33.55 1.62 0.00
HOLTSVILLE_IC_2 23691	106.22 2.72 -66.63	41.53 2.48 -1.44	39.05 2.20 0.00	35.33 1.96 -0.81	32.28 1.74 0.00	39.45 1.99 0.00	60.37 2.82 0.00	51.44 2.81 0.00	47.57 2.62 0.00	43.92 2.67 0.00	44.42 2.15 0.00	49.95 1.90 0.00	44.41 2.87 0.00	43.84 2.99 0.00	42.44 3.38 -0.18	42.58 3.22 0.00	46.84 3.45 0.00	55.34 4.10 -1.96	45.75 3.53 0.00	44.43 3.23 0.00	44.62 3.00 0.02	38.97 2.18 0.00	36.96 1.86 0.00	33.40 1.46 0.00
HOLTSVILLE_IC_3 23692	106.22 2.72 -66.63	41.53 2.48 -1.44	39.05 2.20 0.00	35.33 1.96 -0.81	32.28 1.74 0.00	39.45 1.99 0.00	60.37 2.82 0.00	51.44 2.81 0.00	47.57 2.62 0.00	43.92 2.67 0.00	44.42 2.15 0.00	49.95 1.90 0.00	44.41 2.87 0.00	43.84 2.99 0.00	42.44 3.38 -0.18	42.58 3.22 0.00	46.84 3.45 0.00	55.34 4.10 -1.96	45.75 3.53 0.00	44.43 3.23 0.00	44.62 3.00 0.02	38.97 2.18 0.00	36.96 1.86 0.00	33.40 1.46 0.00
HOLTSVILLE_IC_4 23693	106.22 2.72 -66.63	41.53 2.48 -1.44	39.05 2.20 0.00	35.33 1.96 -0.81	32.28 1.74 0.00	39.45 1.99 0.00	60.37 2.82 0.00	51.44 2.81 0.00	47.57 2.62 0.00	43.92 2.67 0.00	44.42 2.15 0.00	49.95 1.90 0.00	44.41 2.87 0.00	43.84 2.99 0.00	42.44 3.38 -0.18	42.58 3.22 0.00	46.84 3.45 0.00	55.34 4.10 -1.96	45.75 3.53 0.00	44.43 3.23 0.00	44.62 3.00 0.02	38.97 2.18 0.00	36.96 1.86 0.00	33.40 1.46 0.00
HOLTSVILLE_IC_5 23694	106.22 2.72 -66.63	41.53 2.48 -1.44	39.05 2.20 0.00	35.33 1.96 -0.81	32.28 1.74 0.00	39.45 1.99 0.00	60.37 2.82 0.00	51.44 2.81 0.00	47.57 2.62 0.00	43.92 2.67 0.00	44.42 2.15 0.00	49.95 1.90 0.00	44.41 2.87 0.00	43.84 2.99 0.00	42.44 3.38 -0.18	42.58 3.22 0.00	46.84 3.45 0.00	55.34 4.10 -1.96	45.75 3.53 0.00	44.43 3.23 0.00	44.62 3.00 0.02	38.97 2.18 0.00	36.96 1.86 0.00	33.40 1.46 0.00
HOLTSVILLE_IC_6 23695	106.48 2.98 -66.63	41.78 2.73 -1.44	39.26 2.41 0.00	35.51 2.14 -0.81	32.43 1.88 0.00	39.63 2.17 0.00	60.67 3.12 0.00	51.61 2.97 0.00	47.82 2.86 0.00	44.17 2.92 0.00	44.64 2.38 0.00	50.21 2.16 0.00	44.68 3.14 0.00	44.13 3.28 0.00	42.70 3.64 -0.18	42.84 3.47 0.00	47.12 3.74 0.00	55.70 4.46 -1.96	46.07 3.85 0.00	44.74 3.54 0.00	44.89 3.28 0.02	39.18 2.39 0.00	37.14 2.04 0.00	33.55 1.62 0.00
HOLTSVILLE_IC_7 23696	106.48 2.98 -66.63	41.78 2.73 -1.44	39.26 2.41 0.00	35.51 2.14 -0.81	32.43 1.88 0.00	39.63 2.17 0.00	60.67 3.12 0.00	51.61 2.97 0.00	47.82 2.86 0.00	44.17 2.92 0.00	44.64 2.38 0.00	50.21 2.16 0.00	44.68 3.14 0.00	44.13 3.28 0.00	42.70 3.64 -0.18	42.84 3.47 0.00	47.12 3.74 0.00	55.70 4.46 -1.96	46.07 3.85 0.00	44.74 3.54 0.00	44.89 3.28 0.02	39.18 2.39 0.00	37.14 2.04 0.00	33.55 1.62 0.00
HOLTSVILLE_IC_8 23697	106.48 2.98 -66.63	41.78 2.73 -1.44	39.26 2.41 0.00	35.51 2.14 -0.81	32.43 1.88 0.00	39.63 2.17 0.00	60.67 3.12 0.00	51.61 2.97 0.00	47.82 2.86 0.00	44.17 2.92 0.00	44.64 2.38 0.00	50.21 2.16 0.00	44.68 3.14 0.00	44.13 3.28 0.00	42.70 3.64 -0.18	42.84 3.47 0.00	47.12 3.74 0.00	55.70 4.46 -1.96	46.07 3.85 0.00	44.74 3.54 0.00	44.89 3.28 0.02	39.18 2.39 0.00	37.14 2.04 0.00	33.55 1.62 0.00
HOLTSVILLE_IC_9 23698	106.48 2.98 -66.63	41.78 2.73 -1.44	39.26 2.41 0.00	35.51 2.14 -0.81	32.43 1.88 0.00	39.63 2.17 0.00	60.67 3.12 0.00	51.61 2.97 0.00	47.82 2.86 0.00	44.17 2.92 0.00	44.64 2.38 0.00	50.21 2.16 0.00	44.68 3.14 0.00	44.13 3.28 0.00	42.70 3.64 -0.18	42.84 3.47 0.00	47.12 3.74 0.00	55.70 4.46 -1.96	46.07 3.85 0.00	44.74 3.54 0.00	44.89 3.28 0.02	39.18 2.39 0.00	37.14 2.04 0.00	33.55 1.62 0.00
HOMER_HL_115KV_TB2 355744	36.80 -0.08 0.00	36.83 -0.78 0.00	36.04 -0.81 0.00	31.85 -0.72 0.00	29.83 -0.71 0.00	36.90 -0.55 0.00	57.57 0.02 0.00	48.77 0.13 0.00	45.23 0.27 0.00	41.64 0.39 0.00	42.85 0.59 0.00	48.63 0.57 0.00	42.16 0.61 0.00	41.80 0.95 0.00	39.22 0.34 0.00	39.89 0.52 0.00	43.86 0.47 0.00	49.49 0.21 -0.01	42.19 -0.04 0.00	40.58 -0.62 0.00	40.24 -0.72 0.68	36.12 -0.67 0.00	34.73 -0.37 0.00	31.15 -0.78 0.00
HOWARD_WT_PWR 323690	39.09 2.21 0.00	39.03 1.43 0.00	38.10 1.25 0.00	33.67 1.11 0.00	31.53 0.99 0.00	39.04 1.58 0.00	61.06 3.52 0.00	51.98 3.35 0.00	48.09 3.14 0.00	44.06 2.81 0.00	45.31 3.05 0.00	51.49 3.44 0.00	44.61 3.07 0.00	44.20 3.35 0.00	41.52 2.63 0.00	42.13 2.76 0.00	46.34 2.96 0.00	52.50 3.21 0.00	44.71 2.48 0.00	43.32 2.13 0.00	43.31 2.08 0.41	38.57 1.78 0.00	36.83 1.73 0.00	32.84 0.90 0.00

HQ_GEN_CEDARS 23644	36.72 -0.16 0.00	37.61 0.00 0.00	36.91 0.07 0.00	32.63 0.06 0.00	30.59 0.05 0.00	37.52 0.06 0.00	57.74 0.19 0.00	48.56 -0.08 0.00	44.68 -0.27 0.00	41.00 -0.26 0.00	41.99 -0.28 0.00	47.77 -0.28 0.00	41.00 -0.54 0.00	40.20 -0.65 0.00	38.15 -0.74 0.00	38.60 -0.77 0.00	42.72 -0.66 0.00	48.55 -0.73 0.00	41.70 -0.52 0.00	40.80 -0.40 0.00	41.19 -0.45 0.00	36.53 -0.26 0.00	35.11 0.01 0.00	32.18 0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	36.57 -0.16 0.14	37.61 0.00 0.00	36.91 0.06 0.00	32.63 0.07 0.00	30.59 0.05 0.00	37.52 0.06 0.00	57.74 0.19 0.00	48.56 -0.08 0.00	44.69 -0.27 0.00	41.00 -0.26 0.00	41.99 -0.28 0.00	47.77 -0.28 0.00	39.15 -0.54 1.85	40.20 -0.65 0.00	38.15 -0.74 0.00	38.60 -0.76 0.00	42.73 -0.66 0.00	48.55 -0.73 0.00	41.70 -0.52 0.00	40.80 -0.40 0.00	41.19 -0.45 0.00	36.53 -0.26 0.00	35.11 0.01 0.00	32.18 0.24 0.00
HQ_GEN_IMPORT 323601	36.63 -0.24 0.00	37.53 -0.08 0.00	34.66 0.00 2.19	32.56 0.00 0.00	30.54 0.00 0.00	37.44 -0.01 0.00	57.68 -0.11 -0.24	56.74 -0.31 -8.41	44.59 -0.36 0.00	41.05 -0.20 0.00	46.65 -0.24 -4.63	53.25 -0.21 -5.41	36.25 -0.46 4.84	40.34 -0.51 0.00	38.34 -0.55 0.00	38.81 -0.55 0.00	42.85 -0.53 0.00	48.62 -0.66 0.00	41.70 -0.53 0.00	40.76 -0.44 0.00	41.15 -0.48 0.00	36.43 -0.36 0.00	34.91 -0.19 0.00	32.01 0.08 0.00
HQ_GEN_WHEEL 23651	36.63 -0.24 0.00	37.53 -0.08 0.00	34.66 0.00 2.19	32.56 0.00 0.00	30.54 0.00 0.00	37.44 -0.01 0.00	57.68 -0.11 -0.24	56.74 -0.31 -8.41	44.59 -0.36 0.00	41.05 -0.20 0.00	46.65 -0.24 -4.63	53.25 -0.21 -5.41	36.25 -0.46 4.84	40.34 -0.51 0.00	38.34 -0.55 0.00	38.81 -0.55 0.00	42.85 -0.53 0.00	48.62 -0.66 0.00	41.70 -0.53 0.00	40.76 -0.44 0.00	41.15 -0.48 0.00	36.43 -0.36 0.00	34.91 -0.19 0.00	32.01 0.08 0.00
HUDSON AVE_GT_3 23810	39.46 2.59 0.00	39.96 2.35 0.00	38.92 2.07 0.00	34.46 1.89 0.00	32.31 1.76 0.00	39.48 2.02 0.00	60.76 3.21 0.00	51.75 3.12 0.00	48.01 3.06 0.00	44.05 2.79 0.00	45.11 2.85 0.00	51.24 3.18 0.00	44.83 3.29 0.00	44.14 3.29 0.00	42.28 3.39 0.00	42.80 3.44 0.00	47.10 3.72 0.00	53.35 4.07 0.00	45.44 3.22 0.00	44.08 2.88 0.00	44.45 2.83 0.02	39.26 2.46 0.00	37.17 2.07 0.00	33.45 1.51 0.00
HUDSON AVE_GT_4 23540	39.46 2.59 0.00	39.96 2.35 0.00	38.92 2.07 0.00	34.46 1.89 0.00	32.31 1.76 0.00	39.48 2.02 0.00	60.76 3.21 0.00	51.75 3.12 0.00	48.01 3.06 0.00	44.05 2.79 0.00	45.11 2.85 0.00	51.24 3.18 0.00	44.83 3.29 0.00	44.14 3.29 0.00	42.28 3.39 0.00	42.80 3.44 0.00	47.10 3.72 0.00	53.35 4.07 0.00	45.44 3.22 0.00	44.08 2.88 0.00	44.45 2.83 0.02	39.26 2.46 0.00	37.17 2.07 0.00	33.45 1.51 0.00
HUDSON AVE_GT_5 23657	39.46 2.59 0.00	39.96 2.35 0.00	38.92 2.07 0.00	34.46 1.89 0.00	32.31 1.76 0.00	39.48 2.02 0.00	60.76 3.21 0.00	51.75 3.12 0.00	48.01 3.06 0.00	44.05 2.79 0.00	45.11 2.85 0.00	51.24 3.18 0.00	44.83 3.29 0.00	44.14 3.29 0.00	42.28 3.39 0.00	42.80 3.44 0.00	47.10 3.72 0.00	53.35 4.07 0.00	45.44 3.22 0.00	44.08 2.88 0.00	44.45 2.83 0.02	39.26 2.46 0.00	37.17 2.07 0.00	33.45 1.51 0.00
HUDSON_AVE_10 24168	39.35 2.48 0.00	39.85 2.24 0.00	38.81 1.96 0.00	34.35 1.79 0.00	32.22 1.68 0.00	39.35 1.89 0.00	60.58 3.03 0.00	51.60 2.97 0.00	47.87 2.92 0.00	43.92 2.66 0.00	44.99 2.72 0.00	51.08 3.03 0.00	44.69 3.15 0.00	43.99 3.14 0.00	42.14 3.25 0.00	42.65 3.29 0.00	46.94 3.56 0.00	53.18 3.90 0.00	45.27 3.05 0.00	43.94 2.74 0.00	44.30 2.68 0.02	39.15 2.35 0.00	37.05 1.96 0.00	33.33 1.39 0.00
HUDSON___115KV_TB 4 355613	38.15 1.28 0.00	38.86 1.26 0.00	38.00 1.15 0.00	33.59 1.02 0.00	31.53 0.99 0.00	38.67 1.21 0.00	59.41 1.86 0.00	50.45 1.81 0.00	46.66 1.71 0.00	42.53 1.27 0.00	43.51 1.25 0.00	49.31 1.26 0.00	42.68 1.13 0.00	41.94 1.10 0.00	40.04 1.15 0.00	40.60 1.23 0.00	44.76 1.38 0.00	51.17 1.89 0.00	43.98 1.76 0.00	42.99 1.79 0.00	43.58 1.95 0.00	38.45 1.66 0.00	36.66 1.56 0.00	33.15 1.21 0.00
HUNTER MOUNT___DRP 323613	38.30 1.42 0.00	39.03 1.43 0.00	38.18 1.33 0.00	33.73 1.17 0.00	31.68 1.13 0.00	38.88 1.42 0.00	59.74 2.19 0.00	50.71 2.07 0.00	46.89 1.93 0.00	42.70 1.45 0.00	43.68 1.42 0.00	49.48 1.43 0.00	42.71 1.16 0.00	41.97 1.13 0.00	40.06 1.17 0.00	40.67 1.31 0.00	44.89 1.51 0.00	51.35 2.07 0.00	44.22 1.99 0.00	43.26 2.06 0.00	43.86 2.22 0.00	38.70 1.91 0.00	36.89 1.79 0.00	33.36 1.43 0.00
HUNTINGTON_RES_REC 323705	106.39 2.88 -66.63	41.75 2.69 -1.44	39.25 2.40 0.00	35.54 2.16 -0.81	32.46 1.92 0.00	39.65 2.19 0.00	60.73 3.18 0.00	51.69 3.06 0.00	47.82 2.87 0.00	44.10 2.84 0.00	44.68 2.41 0.00	50.29 2.24 0.00	44.71 3.16 0.00	44.16 3.31 0.00	42.68 3.61 -0.18	42.85 3.49 0.00	47.10 3.72 0.00	55.57 4.33 -1.96	45.93 3.70 0.00	44.66 3.46 0.00	44.83 3.21 0.02	39.19 2.40 0.00	37.12 2.02 0.00	33.55 1.62 0.00
HUNTLEY___63 23557	35.82 -1.05 0.00	35.90 -1.70 0.01	35.14 -1.71 0.00	31.01 -1.56 0.00	28.96 -1.58 0.00	35.86 -1.60 0.00	55.62 -1.94 0.00	46.70 -1.94 0.00	43.33 -1.62 0.00	39.86 -1.39 0.00	41.30 -0.96 0.00	46.78 -1.28 0.00	40.74 -0.81 0.00	40.28 -0.57 0.00	37.66 -1.23 0.00	38.09 -1.28 0.00	41.57 -1.82 0.00	46.80 -2.49 -0.01	40.01 -2.21 0.00	38.66 -2.54 0.00	38.20 -2.65 0.79	34.71 -2.08 0.00	33.57 -1.53 0.00	30.33 -1.61 0.00
HUNTLEY___64 23558	35.82 -1.05 0.00	35.90 -1.70 0.01	35.14 -1.71 0.00	31.01 -1.56 0.00	28.96 -1.58 0.00	35.86 -1.60 0.00	55.62 -1.94 0.00	46.70 -1.94 0.00	43.33 -1.62 0.00	39.86 -1.39 0.00	41.30 -0.96 0.00	46.78 -1.28 0.00	40.74 -0.81 0.00	40.28 -0.57 0.00	37.66 -1.23 0.00	38.09 -1.28 0.00	41.57 -1.82 0.00	46.80 -2.49 -0.01	40.01 -2.21 0.00	38.66 -2.54 0.00	38.20 -2.65 0.79	34.71 -2.08 0.00	33.57 -1.53 0.00	30.33 -1.61 0.00
HUNTLEY___65 23559	35.82 -1.05 0.00	35.90 -1.70 0.01	35.14 -1.71 0.00	31.01 -1.56 0.00	28.96 -1.58 0.00	35.86 -1.60 0.00	55.62 -1.94 0.00	46.70 -1.94 0.00	43.33 -1.62 0.00	39.86 -1.39 0.00	41.30 -0.96 0.00	46.78 -1.28 0.00	40.74 -0.81 0.00	40.28 -0.57 0.00	37.66 -1.23 0.00	38.09 -1.28 0.00	41.57 -1.82 0.00	46.80 -2.49 -0.01	40.01 -2.21 0.00	38.66 -2.54 0.00	38.20 -2.65 0.79	34.71 -2.08 0.00	33.57 -1.53 0.00	30.33 -1.61 0.00
HUNTLEY___66 23560	35.82 -1.05 0.00	35.90 -1.70 0.01	35.14 -1.71 0.00	31.01 -1.56 0.00	28.96 -1.58 0.00	35.86 -1.60 0.00	55.62 -1.94 0.00	46.70 -1.94 0.00	43.33 -1.62 0.00	39.86 -1.39 0.00	41.30 -0.96 0.00	46.78 -1.28 0.00	40.74 -0.81 0.00	40.28 -0.57 0.00	37.66 -1.23 0.00	38.09 -1.28 0.00	41.57 -1.82 0.00	46.80 -2.49 -0.01	40.01 -2.21 0.00	38.66 -2.54 0.00	38.20 -2.65 0.79	34.71 -2.08 0.00	33.57 -1.53 0.00	30.33 -1.61 0.00

HUNTLEY___67 23561	35.57 -1.30 0.00	35.65 -1.96 0.01	34.91 -1.94 0.00	30.85 -1.71 0.00	28.81 -1.74 0.00	35.65 -1.81 0.00	55.30 -2.26 0.00	46.44 -2.20 0.00	43.04 -1.91 0.00	39.60 -1.66 0.00	40.96 -1.30 0.00	46.39 -1.66 0.00	40.34 -1.21 0.00	39.91 -0.94 0.00	37.35 -1.54 0.00	37.84 -1.53 0.00	41.31 -2.07 0.00	46.52 -2.78 -0.01	39.74 -2.49 0.00	38.41 -2.79 0.00	37.88 -2.89 0.87	34.50 -2.29 0.00	33.34 -1.76 0.00	30.14 -1.80 0.00
HUNTLEY___68 23562	35.57 -1.30 0.00	35.65 -1.96 0.01	34.91 -1.94 0.00	30.85 -1.71 0.00	28.81 -1.74 0.00	35.65 -1.81 0.00	55.30 -2.26 0.00	46.44 -2.20 0.00	43.04 -1.91 0.00	39.60 -1.66 0.00	40.96 -1.30 0.00	46.39 -1.66 0.00	40.34 -1.21 0.00	39.91 -0.94 0.00	37.35 -1.54 0.00	37.84 -1.53 0.00	41.31 -2.07 0.00	46.52 -2.78 -0.01	39.74 -2.49 0.00	38.41 -2.79 0.00	37.88 -2.89 0.87	34.50 -2.29 0.00	33.34 -1.76 0.00	30.14 -1.80 0.00
HYLAND___LFGE 323620	38.16 1.29 0.00	38.28 0.68 0.00	37.40 0.56 0.00	33.03 0.47 0.00	30.90 0.36 0.00	38.29 0.83 0.00	59.68 2.13 0.00	50.48 1.85 0.00	46.72 1.78 0.00	42.75 1.49 0.00	43.84 1.58 0.00	49.46 1.40 0.00	42.93 1.39 0.00	42.12 1.27 0.00	39.49 0.60 0.00	40.00 0.63 0.00	43.99 0.61 0.00	50.14 0.86 0.00	43.50 1.27 0.00	42.42 1.22 0.00	42.78 1.35 0.21	37.98 1.19 0.00	36.27 1.17 0.00	32.58 0.64 0.00
INDECK___CORINTH 23802	39.78 2.90 0.00	40.58 2.97 0.00	39.62 2.77 0.00	34.98 2.41 0.00	32.87 2.33 0.00	40.44 2.98 0.00	62.08 4.53 0.00	52.79 4.15 0.00	48.59 3.64 0.00	44.08 2.83 0.00	44.80 2.54 0.00	51.13 3.08 0.00	44.23 2.68 0.00	43.15 2.30 0.00	41.10 2.21 0.00	41.84 2.48 0.00	46.10 2.72 0.00	53.05 3.77 0.00	46.11 3.88 0.00	44.96 3.76 0.00	45.87 4.23 0.00	40.40 3.60 0.00	38.25 3.15 0.00	34.58 2.65 0.00
INDECK___ILION 23567	37.16 0.28 0.00	37.84 0.24 0.00	36.98 0.13 0.00	32.66 0.09 0.00	30.64 0.09 0.00	37.60 0.14 0.00	57.77 0.22 0.00	48.94 0.30 0.00	45.14 0.19 0.00	41.19 -0.07 0.00	42.10 -0.16 0.00	47.96 -0.09 0.00	41.60 0.06 0.00	40.86 0.01 0.00	39.02 0.14 0.00	39.55 0.19 0.00	43.56 0.18 0.00	49.67 0.40 0.00	42.69 0.46 0.00	41.66 0.45 0.00	42.17 0.53 0.00	37.18 0.39 0.00	35.30 0.20 0.00	31.95 0.02 0.00
INDECK___OLEAN 23982	36.81 -0.07 0.00	36.83 -0.78 0.00	36.04 -0.81 0.00	31.85 -0.71 0.00	29.83 -0.72 0.00	36.90 -0.55 0.00	57.58 0.03 0.00	48.77 0.13 0.00	45.22 0.27 0.00	41.60 0.35 0.00	42.83 0.57 0.00	48.63 0.57 0.00	42.16 0.62 0.00	41.80 0.95 0.00	39.23 0.34 0.00	39.88 0.52 0.00	43.86 0.47 0.00	49.49 0.21 -0.01	42.19 -0.03 0.00	40.57 -0.63 0.00	40.24 -0.72 0.68	36.12 -0.67 0.00	34.72 -0.37 0.00	31.15 -0.78 0.00
INDECK___OSWEGO 23783	36.10 -0.78 0.00	36.69 -0.93 -0.01	35.89 -0.96 0.00	31.71 -0.85 0.00	29.72 -0.82 0.00	36.51 -0.95 0.00	56.26 -1.29 0.00	47.60 -1.03 0.00	43.98 -0.98 0.00	40.30 -0.95 0.00	41.36 -0.90 0.00	47.00 -1.06 0.00	40.73 -0.81 0.00	40.11 -0.74 0.00	38.19 -0.70 0.00	38.66 -0.70 0.00	42.56 -0.83 0.00	48.40 -0.87 0.00	41.47 -0.75 0.00	40.48 -0.72 0.00	40.94 -0.70 0.00	36.16 -0.64 0.00	34.43 -0.67 0.00	31.17 -0.76 0.00
INDECK___YERKES 23781	35.86 -1.01 0.00	35.95 -1.66 0.01	35.19 -1.65 0.00	31.04 -1.52 0.00	28.98 -1.56 0.00	35.90 -1.56 0.00	55.67 -1.88 0.00	46.75 -1.89 0.00	43.36 -1.59 0.00	39.87 -1.39 0.00	41.33 -0.93 0.00	46.83 -1.22 0.00	40.79 -0.76 0.00	40.36 -0.49 0.00	37.70 -1.18 0.00	38.13 -1.24 0.00	41.61 -1.77 0.00	46.85 -2.44 -0.01	40.07 -2.16 0.00	38.70 -2.50 0.00	38.25 -2.61 0.79	34.75 -2.04 0.00	33.60 -1.50 0.00	30.36 -1.57 0.00
INDIAN POINT_GT_1 24139	38.98 2.11 0.00	39.52 1.91 0.00	38.52 1.67 0.00	34.07 1.50 0.00	31.95 1.41 0.00	39.07 1.61 0.00	60.16 2.61 0.00	51.26 2.62 0.00	47.52 2.57 0.00	43.57 2.31 0.00	44.63 2.36 0.00	50.66 2.61 0.00	44.27 2.72 0.00	43.59 2.74 0.00	41.72 2.84 0.00	42.25 2.88 0.00	46.51 3.12 0.00	52.78 3.49 0.00	45.00 2.77 0.00	43.70 2.50 0.00	44.08 2.46 0.02	38.86 2.06 0.00	36.80 1.70 0.00	33.12 1.19 0.00
INDIAN POINT_GT_2 23659	38.98 2.11 0.00	39.52 1.91 0.00	38.52 1.67 0.00	34.07 1.50 0.00	31.95 1.41 0.00	39.07 1.61 0.00	60.16 2.61 0.00	51.26 2.62 0.00	47.52 2.57 0.00	43.57 2.31 0.00	44.63 2.36 0.00	50.66 2.61 0.00	44.27 2.72 0.00	43.59 2.74 0.00	41.72 2.84 0.00	42.25 2.88 0.00	46.51 3.12 0.00	52.78 3.49 0.00	45.00 2.77 0.00	43.70 2.50 0.00	44.08 2.46 0.02	38.86 2.06 0.00	36.80 1.70 0.00	33.12 1.19 0.00
INDIAN POINT_GT_3 24019	38.98 2.11 0.00	39.52 1.91 0.00	38.52 1.67 0.00	34.07 1.50 0.00	31.95 1.41 0.00	39.07 1.61 0.00	60.16 2.61 0.00	51.26 2.62 0.00	47.52 2.57 0.00	43.57 2.31 0.00	44.63 2.36 0.00	50.66 2.61 0.00	44.27 2.72 0.00	43.59 2.74 0.00	41.72 2.84 0.00	42.25 2.88 0.00	46.51 3.12 0.00	52.78 3.49 0.00	45.00 2.77 0.00	43.70 2.50 0.00	44.08 2.46 0.02	38.86 2.06 0.00	36.80 1.70 0.00	33.12 1.19 0.00
INDIAN POINT___2 23530	38.92 2.04 0.00	39.45 1.84 0.00	38.46 1.61 0.00	34.02 1.45 0.00	31.91 1.37 0.00	39.01 1.55 0.00	60.09 2.54 0.00	51.21 2.57 0.00	47.48 2.53 0.00	43.53 2.28 0.00	44.59 2.32 0.00	50.62 2.56 0.00	44.24 2.69 0.00	43.55 2.70 0.00	41.68 2.80 0.00	42.21 2.85 0.00	46.48 3.10 0.00	52.74 3.46 0.00	44.96 2.73 0.00	43.66 2.46 0.00	44.04 2.42 0.02	38.81 2.02 0.00	36.75 1.66 0.00	33.08 1.15 0.00
INDIAN POINT___3 23531	38.91 2.03 0.00	39.45 1.84 0.00	38.47 1.62 0.00	34.03 1.46 0.00	31.91 1.37 0.00	39.02 1.56 0.00	60.09 2.54 0.00	51.20 2.57 0.00	47.47 2.52 0.00	43.51 2.26 0.00	44.55 2.29 0.00	50.61 2.56 0.00	44.21 2.66 0.00	43.52 2.67 0.00	41.64 2.76 0.00	42.17 2.81 0.00	46.44 3.05 0.00	52.69 3.41 0.00	44.93 2.70 0.00	43.63 2.43 0.00	44.01 2.40 0.02	38.81 2.02 0.00	36.75 1.65 0.00	33.08 1.15 0.00
INGHAM_C_115KV_TB7 356103	37.21 0.34 0.00	37.88 0.27 0.00	36.90 0.05 0.00	32.56 0.00 0.00	30.55 0.01 0.00	37.51 0.05 0.00	57.60 0.05 0.00	48.87 0.23 0.00	44.93 -0.03 0.00	40.72 -0.54 0.00	41.49 -0.77 0.00	47.42 -0.63 0.00	41.22 -0.32 0.00	40.38 -0.47 0.00	38.69 -0.20 0.00	39.30 -0.07 0.00	43.27 -0.11 0.00	49.56 0.28 0.00	42.79 0.56 0.00	41.78 0.58 0.00	42.38 0.74 0.00	37.30 0.50 0.00	35.25 0.15 0.00	31.79 -0.14 0.00
IP CORINTH___1 23988	39.78 2.90 0.00	40.58 2.97 0.00	39.62 2.77 0.00	34.98 2.41 0.00	32.87 2.33 0.00	40.44 2.98 0.00	62.08 4.53 0.00	52.78 4.15 0.00	48.59 3.63 0.00	44.08 2.83 0.00	44.80 2.54 0.00	51.13 3.08 0.00	44.23 2.68 0.00	43.15 2.30 0.00	41.10 2.21 0.00	41.84 2.47 0.00	46.10 2.71 0.00	53.05 3.77 0.00	46.10 3.88 0.00	44.96 3.76 0.00	45.87 4.23 0.00	40.40 3.60 0.00	38.25 3.15 0.00	34.59 2.65 0.00

IP___TICONDEROGA 23804	41.74 4.86 0.00	42.62 5.01 0.00	41.47 4.62 0.00	36.70 4.14 0.00	34.48 3.94 0.00	42.52 5.06 0.00	64.99 7.44 0.00	55.24 6.61 0.00	50.70 5.75 0.00	45.59 4.33 0.00	46.59 4.33 0.00	53.18 5.13 0.00	45.74 4.19 0.00	44.43 3.58 0.00	42.30 3.42 0.00	43.58 4.22 0.00	47.95 4.57 0.00	55.72 6.44 0.00	48.63 6.40 0.00	47.30 6.10 0.00	48.33 6.70 0.00	42.58 5.79 0.00	40.17 5.07 0.00	36.38 4.45 0.00
ISLIP_RES_REC 323679	106.73 3.23 -66.63	42.01 2.96 -1.44	39.47 2.63 0.00	35.67 2.30 -0.81	32.57 2.03 0.00	39.83 2.37 0.00	60.99 3.45 0.00	51.89 3.25 0.00	48.10 3.15 0.00	44.43 3.18 0.00	44.92 2.66 0.00	50.55 2.50 0.00	45.00 3.45 0.00	44.46 3.61 0.00	43.00 3.94 -0.18	43.12 3.75 0.00	47.46 4.08 0.00	56.06 4.81 -1.96	46.37 4.14 0.00	45.00 3.80 0.00	45.16 3.54 0.02	39.40 2.61 0.00	37.33 2.23 0.00	33.70 1.77 0.00
JAMAICA__27_KV_LOAD 355505	39.72 2.85 0.00	40.19 2.58 0.00	39.15 2.30 0.00	34.62 2.05 0.00	32.49 1.94 0.00	39.70 2.24 0.00	61.12 3.57 0.00	52.06 3.42 0.00	48.28 3.33 0.00	44.28 3.03 0.00	45.33 3.06 0.00	51.46 3.41 0.00	45.06 3.51 0.00	44.30 3.45 0.00	42.46 3.57 0.00	42.99 3.62 0.00	47.30 3.92 0.00	53.58 4.30 0.00	45.62 3.39 0.00	44.29 3.09 0.00	44.71 3.09 0.02	39.53 2.74 0.00	37.39 2.29 0.00	33.58 1.65 0.00
JANIS___SOLAR 323808	38.73 1.85 0.00	39.12 1.51 0.00	38.26 1.41 0.00	33.79 1.22 0.00	31.69 1.15 0.00	39.06 1.60 0.00	60.60 3.05 0.00	51.32 2.68 0.00	47.36 2.41 0.00	43.27 2.01 0.00	44.18 1.92 0.00	50.22 2.16 0.00	43.48 1.94 0.00	43.23 2.38 0.00	41.12 2.24 0.00	41.53 2.16 0.00	45.79 2.41 0.00	52.17 2.89 0.00	44.93 2.70 0.00	43.68 2.48 0.00	43.87 2.37 0.13	38.72 1.93 0.00	36.60 1.50 0.00	32.97 1.04 0.00
JARVIS____ 23743	37.02 0.14 0.00	37.72 0.11 0.00	36.92 0.07 0.00	32.63 0.06 0.00	30.61 0.06 0.00	37.55 0.09 0.00	57.70 0.15 0.00	48.83 0.19 0.00	45.13 0.18 0.00	41.38 0.13 0.00	42.38 0.12 0.00	48.16 0.10 0.00	41.72 0.17 0.00	41.03 0.18 0.00	39.08 0.20 0.00	39.57 0.20 0.00	43.57 0.19 0.00	49.53 0.25 0.00	42.46 0.23 0.00	41.41 0.21 0.00	41.88 0.24 0.00	36.98 0.18 0.00	35.22 0.12 0.00	31.96 0.03 0.00
JENNISON___1 23625	38.80 1.92 0.00	39.18 1.57 0.00	38.36 1.51 0.00	33.89 1.32 0.00	31.78 1.24 0.00	39.15 1.69 0.00	60.71 3.16 0.00	51.43 2.79 0.00	47.54 2.59 0.00	43.51 2.26 0.00	44.56 2.30 0.00	50.55 2.50 0.00	44.00 2.45 0.00	43.47 2.62 0.00	41.33 2.45 0.00	41.82 2.45 0.00	46.17 2.79 0.00	52.52 3.24 0.00	45.00 2.77 0.00	43.59 2.39 0.00	43.56 2.05 0.13	38.42 1.63 0.00	36.01 0.91 0.00	32.51 0.58 0.00
JENNISON___2 23626	38.80 1.92 0.00	39.18 1.57 0.00	38.36 1.51 0.00	33.89 1.32 0.00	31.78 1.24 0.00	39.15 1.69 0.00	60.71 3.16 0.00	51.43 2.79 0.00	47.54 2.59 0.00	43.51 2.26 0.00	44.56 2.30 0.00	50.55 2.50 0.00	44.00 2.45 0.00	43.47 2.62 0.00	41.33 2.45 0.00	41.82 2.45 0.00	46.17 2.79 0.00	52.52 3.24 0.00	45.00 2.77 0.00	43.59 2.39 0.00	43.56 2.05 0.13	38.42 1.63 0.00	36.01 0.91 0.00	32.51 0.58 0.00
JERICHO_RISE_WT_PWR 323719	36.86 -0.02 0.00	37.77 0.16 0.00	37.06 0.21 0.00	32.92 0.35 0.00	30.94 0.39 0.00	37.89 0.43 0.00	58.17 0.61 0.00	49.18 0.54 0.00	45.28 0.33 0.00	41.50 0.24 0.00	42.57 0.31 0.00	48.42 0.37 0.00	41.48 -0.06 0.00	40.63 -0.22 0.00	38.53 -0.36 0.00	39.08 -0.29 0.00	43.16 -0.22 0.00	49.16 -0.12 0.00	42.12 -0.10 0.00	40.87 -0.33 0.00	41.09 -0.55 0.00	36.28 -0.52 0.00	34.81 -0.29 0.00	31.94 0.00 0.00
KATONAH___115KV_46KV_TB4 355592	39.23 2.36 0.00	39.75 2.14 0.00	38.76 1.91 0.00	34.33 1.76 0.00	32.19 1.64 0.00	39.37 1.91 0.00	60.64 3.08 0.00	51.64 3.00 0.00	47.88 2.93 0.00	43.89 2.63 0.00	44.97 2.71 0.00	51.05 2.99 0.00	44.63 3.08 0.00	43.94 3.10 0.00	42.04 3.15 0.00	42.49 3.12 0.00	46.71 3.33 0.00	53.03 3.75 0.00	45.25 3.02 0.00	43.95 2.75 0.00	44.33 2.71 0.02	39.08 2.29 0.00	37.01 1.91 0.00	33.32 1.38 0.00
KCE_NY_1 323755	39.18 2.31 0.00	39.93 2.32 0.00	39.06 2.21 0.00	34.48 1.91 0.00	32.38 1.84 0.00	39.79 2.33 0.00	61.14 3.60 0.00	51.84 3.21 0.00	47.81 2.86 0.00	43.54 2.29 0.00	44.48 2.22 0.00	50.65 2.60 0.00	43.87 2.33 0.00	43.03 2.18 0.00	40.91 2.02 0.00	41.50 2.13 0.00	45.80 2.42 0.00	52.47 3.19 0.00	45.29 3.06 0.00	44.24 3.04 0.00	44.94 3.30 0.00	39.59 2.79 0.00	37.51 2.41 0.00	33.95 2.01 0.00
KCE_NY_6_ESR 323823	36.12 -0.75 0.00	36.17 -1.43 0.00	35.45 -1.40 0.00	31.32 -1.24 0.00	29.24 -1.30 0.00	36.19 -1.27 0.00	56.22 -1.33 0.00	47.25 -1.39 0.00	43.79 -1.17 0.00	40.27 -0.98 0.00	41.70 -0.56 0.00	47.29 -0.76 0.00	41.12 -0.42 0.00	40.70 -0.15 0.00	38.11 -0.77 0.00	38.64 -0.73 0.00	42.20 -1.18 0.00	47.54 -1.75 -0.01	40.60 -1.63 0.00	39.19 -2.01 0.00	38.75 -2.10 0.79	35.12 -1.67 0.00	33.87 -1.23 0.00	30.54 -1.39 0.00
KEDC_PORT_JEFF_GT2 24210	106.38 2.88 -66.63	41.67 2.62 -1.44	39.17 2.32 0.00	35.42 2.05 -0.81	32.35 1.81 0.00	39.53 2.07 0.00	60.53 2.99 0.00	51.55 2.92 0.00	47.71 2.76 0.00	44.04 2.79 0.00	44.40 2.14 0.00	49.74 1.68 0.00	44.47 2.93 0.00	43.96 3.11 0.00	42.52 3.46 -0.18	42.52 3.15 0.00	46.70 3.32 0.00	55.21 3.97 -1.96	45.65 3.42 0.00	44.53 3.33 0.00	44.69 3.07 0.02	39.01 2.22 0.00	36.98 1.89 0.00	33.46 1.53 0.00
KEDC_PORT_JEFF_GT3 24211	106.38 2.88 -66.63	41.67 2.62 -1.44	39.17 2.32 0.00	35.42 2.05 -0.81	32.35 1.81 0.00	39.53 2.07 0.00	60.53 2.99 0.00	51.55 2.92 0.00	47.71 2.76 0.00	44.04 2.79 0.00	44.40 2.14 0.00	49.74 1.68 0.00	44.47 2.93 0.00	43.96 3.11 0.00	42.52 3.46 -0.18	42.52 3.15 0.00	46.70 3.32 0.00	55.21 3.97 -1.96	45.65 3.42 0.00	44.53 3.33 0.00	44.69 3.07 0.02	39.01 2.22 0.00	36.98 1.89 0.00	33.46 1.53 0.00
KEDC_GLWD_GT4 24219	106.63 3.12 -66.63	41.97 2.91 -1.44	39.46 2.62 0.00	35.71 2.34 -0.81	32.66 2.11 0.00	39.91 2.46 0.00	61.20 3.65 0.00	52.03 3.40 0.00	48.11 3.16 0.00	44.25 2.99 0.00	45.07 2.80 0.00	50.79 2.73 0.00	44.82 3.28 0.00	44.39 3.54 0.00	42.88 3.81 -0.18	42.94 3.58 0.00	47.14 3.76 0.00	55.43 4.18 -1.96	45.75 3.53 0.00	44.60 3.40 0.00	44.98 3.37 0.02	39.54 2.75 0.00	37.48 2.38 0.00	33.76 1.83 0.00
KEDC_GLWD_GT5 24220	106.63 3.12 -66.63	41.97 2.91 -1.44	39.46 2.62 0.00	35.71 2.34 -0.81	32.66 2.11 0.00	39.91 2.46 0.00	61.20 3.65 0.00	52.03 3.40 0.00	48.11 3.16 0.00	44.25 2.99 0.00	45.07 2.80 0.00	50.79 2.73 0.00	44.82 3.28 0.00	44.39 3.54 0.00	42.88 3.81 -0.18	42.94 3.58 0.00	47.14 3.76 0.00	55.43 4.18 -1.96	45.75 3.53 0.00	44.60 3.40 0.00	44.98 3.37 0.02	39.54 2.75 0.00	37.48 2.38 0.00	33.76 1.83 0.00

KENSICO____ 23655	39.10 2.22 0.00	39.63 2.02 0.00	38.63 1.78 0.00	34.17 1.60 0.00	32.05 1.51 0.00	39.18 1.72 0.00	60.32 2.77 0.00	51.37 2.74 0.00	47.65 2.70 0.00	43.68 2.43 0.00	44.71 2.45 0.00	50.76 2.71 0.00	44.37 2.83 0.00	43.70 2.85 0.00	41.84 2.95 0.00	42.35 2.99 0.00	46.61 3.23 0.00	52.89 3.61 0.00	45.09 2.87 0.00	43.79 2.59 0.00	44.16 2.55 0.02	38.95 2.16 0.00	36.89 1.78 0.00	33.20 1.27 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	38.96 2.08 0.00	39.44 1.83 0.00	38.44 1.59 0.00	33.96 1.39 0.00	31.83 1.29 0.00	38.93 1.47 0.00	60.02 2.47 0.00	51.14 2.51 0.00	47.43 2.48 0.00	43.46 2.20 0.00	44.45 2.19 0.00	50.49 2.44 0.00	44.13 2.58 0.00	43.42 2.57 0.00	41.47 2.58 0.00	42.06 2.69 0.00	46.40 3.02 0.00	52.75 3.47 0.00	45.03 2.81 0.00	43.79 2.59 0.00	44.16 2.54 0.02	38.88 2.08 0.00	36.75 1.65 0.00	33.05 1.12 0.00
KIAC_JFK_GT1 23816	39.41 2.53 0.00	39.90 2.29 0.00	38.86 2.01 0.00	34.38 1.82 0.00	32.26 1.72 0.00	39.42 1.96 0.00	60.68 3.13 0.00	51.70 3.06 0.00	47.96 3.01 0.00	43.98 2.73 0.00	45.03 2.76 0.00	51.14 3.08 0.00	44.75 3.21 0.00	44.01 3.16 0.00	42.13 3.24 0.00	42.53 3.16 0.00	46.81 3.43 0.00	53.01 3.73 0.00	45.16 2.93 0.00	43.85 2.65 0.00	44.26 2.64 0.02	39.25 2.46 0.00	37.14 2.04 0.00	33.37 1.44 0.00
KIAC_JFK_GT2 23817	39.41 2.53 0.00	39.90 2.29 0.00	38.86 2.01 0.00	34.38 1.82 0.00	32.26 1.72 0.00	39.42 1.96 0.00	60.68 3.13 0.00	51.70 3.06 0.00	47.96 3.01 0.00	43.98 2.73 0.00	45.03 2.76 0.00	51.14 3.08 0.00	44.75 3.21 0.00	44.01 3.16 0.00	42.13 3.24 0.00	42.53 3.16 0.00	46.81 3.43 0.00	53.01 3.73 0.00	45.16 2.93 0.00	43.85 2.65 0.00	44.26 2.64 0.02	39.25 2.46 0.00	37.14 2.04 0.00	33.37 1.44 0.00
KIAC_JFK____ 323774	39.41 2.53 0.00	39.90 2.29 0.00	38.86 2.01 0.00	34.38 1.81 0.00	32.26 1.72 0.00	39.42 1.96 0.00	60.70 3.15 0.00	51.70 3.06 0.00	47.96 3.01 0.00	44.00 2.75 0.00	45.03 2.76 0.00	51.14 3.08 0.00	44.75 3.20 0.00	44.00 3.16 0.00	42.13 3.24 0.00	42.53 3.16 0.00	46.81 3.43 0.00	53.02 3.74 0.00	45.16 2.93 0.00	43.85 2.65 0.00	44.26 2.64 0.02	39.25 2.46 0.00	37.14 2.04 0.00	33.38 1.44 0.00
KINTIGH____ 23543	35.53 -1.35 0.00	35.70 -1.90 0.01	34.96 -1.89 0.00	30.89 -1.68 0.00	28.86 -1.69 0.00	35.67 -1.79 0.00	55.26 -2.30 0.00	46.52 -2.12 0.00	43.08 -1.87 0.00	39.62 -1.64 0.00	40.92 -1.35 0.00	46.36 -1.69 0.00	40.28 -1.26 0.00	39.81 -1.04 0.00	37.35 -1.54 0.00	37.84 -1.52 0.00	41.39 -1.99 0.00	46.70 -2.58 0.00	39.92 -2.30 0.00	38.74 -2.46 0.00	39.55 -2.57 -0.48	34.77 -2.03 0.00	33.54 -1.56 0.00	30.33 -1.61 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	37.71 0.84 0.00	38.69 1.08 0.00	37.95 1.10 0.00	33.70 1.14 0.00	31.70 1.15 0.00	38.84 1.38 0.00	59.57 2.02 0.00	50.63 1.99 0.00	46.46 1.51 0.00	42.35 1.09 0.00	43.48 1.21 0.00	49.45 1.39 0.00	42.35 0.81 0.00	41.52 0.67 0.00	39.38 0.50 0.00	40.11 0.75 0.00	44.28 0.89 0.00	50.65 1.37 0.00	43.52 1.29 0.00	41.86 0.65 0.00	41.83 0.20 0.00	36.88 0.08 0.00	35.35 0.25 0.00	32.36 0.43 0.00
LACHUTE__HYDRO 323717	41.74 4.86 0.00	42.62 5.01 0.00	41.47 4.62 0.00	36.70 4.14 0.00	34.48 3.94 0.00	42.52 5.06 0.00	64.99 7.44 0.00	55.24 6.61 0.00	50.70 5.75 0.00	45.59 4.33 0.00	46.59 4.33 0.00	53.19 5.14 0.00	45.74 4.19 0.00	44.43 3.58 0.00	42.30 3.41 0.00	43.58 4.22 0.00	47.95 4.57 0.00	55.71 6.43 0.00	48.63 6.40 0.00	47.30 6.10 0.00	48.33 6.70 0.00	42.58 5.79 0.00	40.17 5.06 0.00	36.38 4.45 0.00
LAWRNCV_115KV_TB1 80681	36.33 -0.54 0.00	37.23 -0.38 0.00	36.53 -0.32 0.00	32.29 -0.27 0.00	30.29 -0.26 0.00	37.16 -0.30 0.00	57.20 -0.34 0.00	48.03 -0.61 0.00	44.05 -0.90 0.00	40.17 -1.09 0.00	41.11 -1.16 0.00	46.74 -1.31 0.00	40.09 -1.46 0.00	39.30 -1.55 0.00	37.22 -1.66 0.00	37.59 -1.77 0.00	41.66 -1.72 0.00	47.50 -1.78 0.00	40.88 -1.35 0.00	40.11 -1.09 0.00	40.54 -1.10 0.00	36.06 -0.74 0.00	34.70 -0.40 0.00	31.69 -0.24 0.00
LEDERLE____ 23769	39.09 2.21 0.00	39.61 2.00 0.00	38.62 1.77 0.00	34.16 1.60 0.00	32.04 1.50 0.00	39.18 1.72 0.00	60.39 2.84 0.00	51.50 2.86 0.00	47.76 2.81 0.00	43.79 2.54 0.00	44.88 2.62 0.00	50.98 2.93 0.00	44.53 2.99 0.00	43.86 3.01 0.00	41.98 3.10 0.00	42.52 3.15 0.00	46.86 3.47 0.00	53.16 3.88 0.00	45.29 3.06 0.00	43.96 2.76 0.00	44.34 2.72 0.02	39.05 2.25 0.00	36.95 1.85 0.00	33.23 1.30 0.00
LIGHTHSE_115KV_TB6 355974	36.55 -0.32 0.00	37.17 -0.44 0.00	36.33 -0.52 0.00	32.08 -0.48 0.00	30.05 -0.49 0.00	36.89 -0.57 0.00	57.03 -0.52 0.00	48.24 -0.40 0.00	44.43 -0.52 0.00	40.66 -0.60 0.00	41.75 -0.51 0.00	47.40 -0.66 0.00	41.01 -0.53 0.00	40.40 -0.45 0.00	38.42 -0.46 0.00	38.81 -0.56 0.00	42.76 -0.63 0.00	48.80 -0.48 0.00	41.95 -0.28 0.00	41.12 -0.08 0.00	41.69 0.05 0.00	36.86 0.07 0.00	35.05 -0.06 0.00	31.50 -0.43 0.00
LINDEN COGEN____ 23786	39.08 2.21 0.00	39.58 1.97 0.00	38.56 1.72 0.00	34.14 1.58 0.00	32.03 1.49 0.00	39.11 1.66 0.00	59.44 2.66 0.77	48.50 2.65 2.79	45.02 2.63 2.56	43.23 2.41 0.44	44.49 2.45 0.22	50.79 2.74 0.00	44.45 2.91 0.00	43.77 2.92 0.00	41.94 3.05 0.00	42.48 3.11 0.00	46.76 3.38 0.00	52.97 3.69 0.00	45.10 2.88 0.00	43.78 2.57 0.00	44.15 2.53 0.02	38.98 2.18 0.00	36.90 1.80 0.00	33.20 1.27 0.00
LINDHRST_69_KV_BK1 356055	106.91 3.40 -66.63	42.26 3.21 -1.44	39.71 2.86 0.00	35.94 2.56 -0.81	32.82 2.27 0.00	40.11 2.66 0.00	61.50 3.95 0.00	52.35 3.72 0.00	48.48 3.53 0.00	44.63 3.38 0.00	45.29 3.03 0.00	51.09 3.03 0.00	45.23 3.68 0.00	44.59 3.74 0.00	43.18 4.12 -0.18	43.39 4.02 0.00	47.61 4.22 0.00	55.98 4.74 -1.96	46.31 4.08 0.00	45.03 3.82 0.00	45.30 3.69 0.02	39.74 2.95 0.00	37.68 2.58 0.00	33.97 2.04 0.00
LIPA_MISC_IPP 23656	106.17 2.67 -66.63	41.47 2.42 -1.44	38.95 2.10 0.00	35.23 1.86 -0.81	32.18 1.63 0.00	39.33 1.88 0.00	60.18 2.63 0.00	51.23 2.59 0.00	47.38 2.43 0.00	43.87 2.62 0.00	44.35 2.09 0.00	49.86 1.81 0.00	44.34 2.80 0.00	43.80 2.95 0.00	42.39 3.32 -0.18	42.51 3.15 0.00	46.89 3.51 0.00	55.60 4.36 -1.96	45.99 3.76 0.00	44.53 3.33 0.00	44.65 3.03 0.02	38.91 2.11 0.00	36.89 1.79 0.00	33.31 1.37 0.00
LISF__SOLAR 323691	106.27 2.76 -66.63	41.56 2.51 -1.44	39.02 2.18 0.00	35.29 1.92 -0.81	32.23 1.69 0.00	39.41 1.95 0.00	60.27 2.72 0.00	51.33 2.69 0.00	47.48 2.53 0.00	43.96 2.70 0.00	44.43 2.17 0.00	49.95 1.89 0.00	44.41 2.87 0.00	43.87 3.02 0.00	42.45 3.39 -0.18	42.58 3.21 0.00	46.98 3.60 0.00	55.74 4.50 -1.96	46.10 3.88 0.00	44.63 3.43 0.00	44.75 3.14 0.02	38.98 2.19 0.00	36.96 1.86 0.00	33.37 1.44 0.00

LITTLE FALLS___HYD 24013	37.21 0.34 0.00	37.88 0.27 0.00	36.90 0.05 0.00	32.56 0.00 0.00	30.55 0.01 0.00	37.51 0.05 0.00	57.60 0.05 0.00	48.87 0.23 0.00	44.93 -0.03 0.00	40.72 -0.54 0.00	41.49 -0.77 0.00	47.42 -0.63 0.00	41.22 -0.32 0.00	40.38 -0.47 0.00	38.69 -0.20 0.00	39.30 -0.07 0.00	43.27 -0.11 0.00	49.56 0.28 0.00	42.79 0.56 0.00	41.78 0.58 0.00	42.38 0.74 0.00	37.30 0.50 0.00	35.25 0.15 0.00	31.79 -0.14 0.00
LITTLRIV_115KV_TB1 356100	36.81 -0.07 0.00	37.69 0.09 0.00	36.98 0.13 0.00	32.70 0.13 0.00	30.67 0.13 0.00	37.65 0.19 0.00	58.00 0.45 0.00	48.57 -0.07 0.00	44.41 -0.54 0.00	40.41 -0.84 0.00	41.31 -0.95 0.00	47.01 -1.04 0.00	40.29 -1.25 0.00	39.49 -1.36 0.00	37.41 -1.48 0.00	37.76 -1.60 0.00	41.88 -1.50 0.00	47.79 -1.48 0.00	41.23 -0.99 0.00	40.68 -0.52 0.00	41.15 -0.48 0.00	36.58 -0.22 0.00	35.19 0.09 0.00	32.13 0.19 0.00
LI_NEWBRDGE___DRP 323616	106.13 2.63 -66.63	41.49 2.44 -1.44	39.01 2.16 0.00	35.34 1.96 -0.81	32.31 1.76 0.00	39.48 2.02 0.00	60.52 2.98 0.00	51.49 2.85 0.00	47.69 2.74 0.00	43.88 2.62 0.00	44.65 2.39 0.00	50.44 2.39 0.00	44.55 3.01 0.00	43.97 3.12 0.00	42.48 3.42 -0.18	42.71 3.34 0.00	46.89 3.51 0.00	55.17 3.93 -1.96	45.55 3.32 0.00	44.25 3.05 0.00	44.48 2.87 0.02	39.09 2.29 0.00	37.06 1.96 0.00	33.42 1.49 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.59 -1.28 0.00	35.67 -1.93 0.01	34.94 -1.91 0.00	30.85 -1.71 0.00	28.80 -1.74 0.00	35.68 -1.78 0.00	55.33 -2.22 0.00	46.46 -2.17 0.00	43.06 -1.89 0.00	39.57 -1.69 0.00	40.95 -1.32 0.00	46.35 -1.70 0.00	40.35 -1.19 0.00	39.89 -0.96 0.00	37.29 -1.59 0.00	37.75 -1.61 0.00	41.18 -2.20 0.00	46.39 -2.89 0.00	39.66 -2.57 0.00	38.38 -2.82 0.00	38.08 -2.91 0.65	34.53 -2.27 0.00	33.40 -1.70 0.00	30.20 -1.73 0.00
LOCKPORT___CC1 323769	35.55 -1.32 0.00	35.64 -1.97 0.01	34.92 -1.93 0.00	30.83 -1.73 0.00	28.77 -1.77 0.00	35.64 -1.82 0.00	55.27 -2.28 0.00	46.39 -2.24 0.00	42.98 -1.97 0.00	39.47 -1.79 0.00	40.88 -1.39 0.00	46.30 -1.75 0.00	40.31 -1.23 0.00	39.83 -1.02 0.00	37.24 -1.65 0.00	37.70 -1.67 0.00	41.13 -2.25 0.00	46.32 -2.96 0.00	39.61 -2.62 0.00	38.32 -2.88 0.00	37.97 -2.99 0.68	34.47 -2.32 0.00	33.35 -1.75 0.00	30.15 -1.78 0.00
LOCKPORT___CC2 323770	35.55 -1.32 0.00	35.64 -1.97 0.01	34.92 -1.93 0.00	30.83 -1.73 0.00	28.77 -1.77 0.00	35.64 -1.82 0.00	55.27 -2.28 0.00	46.39 -2.24 0.00	42.98 -1.97 0.00	39.47 -1.79 0.00	40.88 -1.39 0.00	46.30 -1.75 0.00	40.31 -1.23 0.00	39.83 -1.02 0.00	37.24 -1.65 0.00	37.70 -1.67 0.00	41.13 -2.25 0.00	46.32 -2.96 0.00	39.61 -2.62 0.00	38.32 -2.88 0.00	37.97 -2.99 0.68	34.47 -2.32 0.00	33.35 -1.75 0.00	30.15 -1.78 0.00
LOCKPORT___CC3 323771	35.55 -1.32 0.00	35.64 -1.97 0.01	34.92 -1.93 0.00	30.83 -1.73 0.00	28.77 -1.77 0.00	35.64 -1.82 0.00	55.27 -2.28 0.00	46.39 -2.24 0.00	42.98 -1.97 0.00	39.47 -1.79 0.00	40.88 -1.39 0.00	46.30 -1.75 0.00	40.31 -1.23 0.00	39.83 -1.02 0.00	37.24 -1.65 0.00	37.70 -1.67 0.00	41.13 -2.25 0.00	46.32 -2.96 0.00	39.61 -2.62 0.00	38.32 -2.88 0.00	37.97 -2.99 0.68	34.47 -2.32 0.00	33.35 -1.75 0.00	30.15 -1.78 0.00
LONG_LAKE_PHOENIX 24014	36.30 -0.58 0.00	36.84 -0.77 0.00	36.04 -0.81 0.00	31.84 -0.72 0.00	29.86 -0.68 0.00	36.69 -0.76 0.00	56.56 -1.00 0.00	47.85 -0.78 0.00	44.24 -0.71 0.00	40.51 -0.75 0.00	41.60 -0.66 0.00	47.20 -0.85 0.00	40.92 -0.62 0.00	40.30 -0.55 0.00	38.41 -0.47 0.00	38.93 -0.43 0.00	42.84 -0.55 0.00	48.72 -0.56 0.00	41.73 -0.50 0.00	40.72 -0.48 0.00	41.16 -0.47 0.00	36.34 -0.46 0.00	34.59 -0.51 0.00	31.34 -0.60 0.00
LOVETT___3 23632	38.85 1.98 0.00	39.40 1.79 0.00	38.43 1.58 0.00	34.00 1.43 0.00	31.89 1.34 0.00	38.99 1.53 0.00	60.05 2.51 0.00	51.20 2.57 0.00	47.47 2.52 0.00	43.53 2.27 0.00	44.59 2.32 0.00	50.63 2.58 0.00	44.23 2.69 0.00	43.55 2.70 0.00	41.69 2.80 0.00	42.22 2.86 0.00	46.50 3.12 0.00	52.77 3.48 0.00	44.97 2.74 0.00	43.66 2.46 0.00	44.04 2.43 0.02	38.80 2.01 0.00	36.73 1.63 0.00	33.05 1.12 0.00
LOVETT___4 23642	38.85 1.98 0.00	39.40 1.79 0.00	38.43 1.58 0.00	34.00 1.43 0.00	31.89 1.34 0.00	38.99 1.53 0.00	60.05 2.51 0.00	51.20 2.57 0.00	47.47 2.52 0.00	43.53 2.27 0.00	44.59 2.32 0.00	50.63 2.58 0.00	44.23 2.69 0.00	43.55 2.70 0.00	41.69 2.80 0.00	42.22 2.86 0.00	46.50 3.12 0.00	52.77 3.48 0.00	44.97 2.74 0.00	43.66 2.46 0.00	44.04 2.43 0.02	38.80 2.01 0.00	36.73 1.63 0.00	33.05 1.12 0.00
LOVETT___5 23593	38.85 1.98 0.00	39.40 1.79 0.00	38.43 1.58 0.00	34.00 1.43 0.00	31.89 1.34 0.00	38.99 1.53 0.00	60.05 2.51 0.00	51.20 2.57 0.00	47.47 2.52 0.00	43.53 2.27 0.00	44.59 2.32 0.00	50.63 2.58 0.00	44.23 2.69 0.00	43.55 2.70 0.00	41.69 2.80 0.00	42.22 2.86 0.00	46.50 3.12 0.00	52.77 3.48 0.00	44.97 2.74 0.00	43.66 2.46 0.00	44.04 2.43 0.02	38.80 2.01 0.00	36.73 1.63 0.00	33.05 1.12 0.00
LOWER RAQUET___HYD 24057	36.21 -0.66 0.00	37.11 -0.50 0.00	36.40 -0.45 0.00	32.18 -0.39 0.00	30.19 -0.35 0.00	37.05 -0.41 0.00	57.03 -0.52 0.00	47.85 -0.79 0.00	43.86 -1.09 0.00	39.90 -1.36 0.00	40.81 -1.45 0.00	46.42 -1.64 0.00	39.80 -1.75 0.00	39.01 -1.84 0.00	36.94 -1.95 0.00	37.26 -2.10 0.00	41.32 -2.07 0.00	47.15 -2.13 0.00	40.61 -1.62 0.00	39.89 -1.31 0.00	40.33 -1.31 0.00	35.90 -0.89 0.00	34.57 -0.53 0.00	31.53 -0.40 0.00
LOWER___HUDSON 24059	38.14 1.27 0.00	38.98 1.37 0.00	38.10 1.25 0.00	33.69 1.13 0.00	31.66 1.12 0.00	38.82 1.36 0.00	59.49 1.94 0.00	50.50 1.87 0.00	46.71 1.76 0.00	42.59 1.33 0.00	43.62 1.36 0.00	49.60 1.54 0.00	42.97 1.43 0.00	42.19 1.34 0.00	40.11 1.22 0.00	40.51 1.14 0.00	44.59 1.21 0.00	51.04 1.76 0.00	43.86 1.64 0.00	42.86 1.66 0.00	43.54 1.90 0.00	38.40 1.61 0.00	36.47 1.37 0.00	33.05 1.12 0.00
LOWVILLE_115KV_TB2 356335	37.27 0.39 0.00	38.07 0.46 0.00	37.24 0.39 0.00	32.89 0.32 0.00	30.83 0.28 0.00	37.89 0.44 0.00	58.69 1.14 0.00	49.58 0.95 0.00	45.54 0.59 0.00	41.49 0.23 0.00	42.44 0.17 0.00	47.99 -0.07 0.00	41.41 -0.13 0.00	40.79 -0.06 0.00	38.82 -0.07 0.00	39.16 -0.20 0.00	43.41 0.03 0.00	49.81 0.53 0.00	42.96 0.74 0.00	42.17 0.97 0.00	42.75 1.12 0.00	37.76 0.97 0.00	35.90 0.80 0.00	31.92 -0.01 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.17 2.30 0.00	39.95 2.34 0.00	39.06 2.21 0.00	34.49 1.92 0.00	32.40 1.85 0.00	39.81 2.34 0.00	61.11 3.56 0.00	51.85 3.22 0.00	47.82 2.87 0.00	43.52 2.27 0.00	44.46 2.19 0.00	50.63 2.58 0.00	43.86 2.32 0.00	43.03 2.18 0.00	40.94 2.06 0.00	41.52 2.15 0.00	45.77 2.39 0.00	52.46 3.18 0.00	45.28 3.05 0.00	44.21 3.01 0.00	44.92 3.29 0.00	39.58 2.79 0.00	37.53 2.43 0.00	33.96 2.03 0.00

LUTHERNY_35_KV_BK2 355980	39.18 2.31 0.00	39.93 2.32 0.00	39.06 2.21 0.00	34.48 1.91 0.00	32.38 1.84 0.00	39.79 2.33 0.00	61.14 3.59 0.00	51.84 3.21 0.00	47.81 2.86 0.00	43.54 2.29 0.00	44.48 2.22 0.00	50.65 2.60 0.00	43.88 2.33 0.00	43.03 2.18 0.00	40.91 2.02 0.00	41.50 2.14 0.00	45.80 2.42 0.00	52.47 3.19 0.00	45.29 3.06 0.00	44.24 3.04 0.00	44.94 3.31 0.00	39.59 2.79 0.00	37.51 2.41 0.00	33.95 2.01 0.00
LWR___OSWEGATCHIE_HYD 23850	36.54 -0.33 0.00	37.39 -0.22 0.00	36.61 -0.24 0.00	32.34 -0.22 0.00	30.33 -0.22 0.00	37.25 -0.21 0.00	57.58 0.03 0.00	48.47 -0.17 0.00	44.42 -0.53 0.00	40.42 -0.83 0.00	41.36 -0.90 0.00	46.91 -1.14 0.00	40.37 -1.17 0.00	39.64 -1.21 0.00	37.60 -1.28 0.00	37.94 -1.42 0.00	42.07 -1.31 0.00	48.19 -1.09 0.00	41.55 -0.67 0.00	40.86 -0.34 0.00	41.39 -0.25 0.00	36.68 -0.11 0.00	35.07 -0.03 0.00	31.58 -0.36 0.00
LYONS_FALL_HYD 23570	37.45 0.58 0.00	38.20 0.58 0.00	37.35 0.50 0.00	32.99 0.42 0.00	30.93 0.39 0.00	38.03 0.57 0.00	58.81 1.26 0.00	49.69 1.06 0.00	45.75 0.80 0.00	41.76 0.50 0.00	42.73 0.47 0.00	48.40 0.34 0.00	41.82 0.28 0.00	41.19 0.34 0.00	39.24 0.35 0.00	39.66 0.30 0.00	43.90 0.52 0.00	50.21 0.93 0.00	43.22 0.99 0.00	42.31 1.11 0.00	42.84 1.20 0.00	37.81 1.02 0.00	35.94 0.84 0.00	32.18 0.24 0.00
MADISON___COUNTY_LFGE 323628	37.89 1.01 0.00	38.49 0.88 0.00	37.64 0.79 0.00	33.25 0.68 0.00	31.18 0.64 0.00	38.34 0.89 0.00	59.20 1.65 0.00	50.09 1.45 0.00	46.26 1.31 0.00	42.33 1.08 0.00	43.32 1.06 0.00	49.17 1.12 0.00	42.59 1.05 0.00	41.96 1.11 0.00	40.01 1.12 0.00	40.55 1.19 0.00	44.80 1.42 0.00	51.01 1.73 0.00	43.82 1.59 0.00	42.73 1.53 0.00	43.16 1.52 0.00	38.04 1.25 0.00	36.16 1.06 0.00	32.63 0.69 0.00
MALONE___115KV_TB1 356076	36.95 0.08 0.00	37.84 0.23 0.00	37.12 0.27 0.00	32.92 0.35 0.00	30.93 0.38 0.00	37.92 0.46 0.00	58.29 0.75 0.00	49.25 0.62 0.00	45.27 0.32 0.00	41.40 0.14 0.00	42.43 0.17 0.00	48.25 0.19 0.00	41.33 -0.21 0.00	40.50 -0.34 0.00	38.38 -0.51 0.00	38.89 -0.47 0.00	43.02 -0.36 0.00	49.05 -0.23 0.00	42.11 -0.12 0.00	41.02 -0.18 0.00	41.29 -0.35 0.00	36.51 -0.29 0.00	35.04 -0.06 0.00	32.08 0.14 0.00
MAPLEWOD_115KV_TB3 80458	37.81 0.93 0.00	38.56 0.95 0.00	37.69 0.84 0.00	33.33 0.76 0.00	31.30 0.76 0.00	38.36 0.91 0.00	58.85 1.30 0.00	49.97 1.34 0.00	46.23 1.28 0.00	42.22 0.96 0.00	43.26 0.99 0.00	49.16 1.10 0.00	42.65 1.11 0.00	41.94 1.10 0.00	39.92 1.03 0.00	40.35 0.99 0.00	44.43 1.05 0.00	50.75 1.47 0.00	43.52 1.29 0.00	42.49 1.29 0.00	43.08 1.44 0.00	38.02 1.22 0.00	36.20 1.10 0.00	32.77 0.84 0.00
MAPLE_RIDGE_WT_1 323574	36.54 -0.33 0.00	37.42 -0.19 0.00	36.74 -0.11 0.00	32.49 -0.08 0.00	30.45 -0.09 0.00	37.38 -0.08 0.00	57.41 -0.14 0.00	48.39 -0.24 0.00	44.66 -0.29 0.00	41.02 -0.23 0.00	42.02 -0.25 0.00	47.79 -0.26 0.00	41.18 -0.36 0.00	40.44 -0.41 0.00	38.44 -0.45 0.00	38.91 -0.45 0.00	42.96 -0.42 0.00	49.02 -0.26 0.00	42.09 -0.14 0.00	41.08 -0.12 0.00	41.51 -0.14 0.00	36.69 -0.11 0.00	35.03 -0.08 0.00	31.81 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	36.54 -0.33 0.00	37.42 -0.19 0.00	36.74 -0.11 0.00	32.49 -0.08 0.00	30.45 -0.09 0.00	37.38 -0.08 0.00	57.41 -0.14 0.00	48.39 -0.24 0.00	44.66 -0.29 0.00	41.02 -0.23 0.00	42.02 -0.25 0.00	47.79 -0.26 0.00	41.18 -0.36 0.00	40.44 -0.41 0.00	38.44 -0.45 0.00	38.91 -0.45 0.00	42.96 -0.42 0.00	49.02 -0.26 0.00	42.09 -0.14 0.00	41.08 -0.12 0.00	41.51 -0.14 0.00	36.69 -0.11 0.00	35.03 -0.08 0.00	31.81 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	37.09 0.21 0.00	38.01 0.40 0.00	37.29 0.44 0.00	33.13 0.57 0.00	31.15 0.61 0.00	38.14 0.68 0.00	58.56 1.01 0.00	49.61 0.98 0.00	45.64 0.69 0.00	41.76 0.50 0.00	42.87 0.61 0.00	48.75 0.69 0.00	41.77 0.23 0.00	40.95 0.10 0.00	38.83 -0.06 0.00	39.44 0.07 0.00	43.54 0.15 0.00	49.64 0.36 0.00	42.54 0.32 0.00	41.15 -0.05 0.00	41.26 -0.38 0.00	36.41 -0.38 0.00	34.93 -0.17 0.00	32.02 0.08 0.00
MARSHVLE_115KV_TB1 80742	39.28 2.40 0.00	39.79 2.18 0.00	38.95 2.10 0.00	34.36 1.80 0.00	32.18 1.63 0.00	39.52 2.06 0.00	61.17 3.62 0.00	51.60 2.96 0.00	47.29 2.34 0.00	43.12 1.87 0.00	43.99 1.73 0.00	50.02 1.97 0.00	43.37 1.83 0.00	42.70 1.85 0.00	40.89 2.00 0.00	41.61 2.25 0.00	45.95 2.57 0.00	52.25 2.97 0.00	44.87 2.64 0.00	43.74 2.54 0.00	44.06 2.45 0.03	38.99 2.20 0.00	37.06 1.95 0.00	33.57 1.64 0.00
MARSH_HILL_WT_PWR 323713	39.16 2.29 0.00	39.10 1.49 0.00	38.17 1.32 0.00	33.74 1.17 0.00	31.59 1.04 0.00	39.11 1.65 0.00	61.18 3.62 0.00	52.09 3.45 0.00	48.18 3.23 0.00	44.16 2.91 0.00	45.41 3.14 0.00	51.59 3.54 0.00	44.70 3.16 0.00	44.29 3.44 0.00	41.59 2.71 0.00	42.22 2.86 0.00	46.43 3.05 0.00	52.62 3.33 0.00	44.80 2.58 0.00	43.42 2.22 0.00	43.38 2.17 0.43	38.66 1.86 0.00	36.91 1.81 0.00	32.89 0.96 0.00
MCINTYRE_115KV_TB2 80467	37.18 0.31 0.00	38.07 0.46 0.00	37.36 0.51 0.00	33.03 0.46 0.00	30.98 0.43 0.00	38.03 0.57 0.00	58.57 1.02 0.00	49.00 0.36 0.00	44.71 -0.24 0.00	40.76 -0.50 0.00	41.67 -0.60 0.00	47.44 -0.62 0.00	40.64 -0.90 0.00	39.82 -1.03 0.00	37.72 -1.16 0.00	38.11 -1.25 0.00	42.28 -1.11 0.00	48.18 -1.10 0.00	41.60 -0.62 0.00	41.18 -0.02 0.00	41.65 0.02 0.00	36.98 0.19 0.00	35.59 0.49 0.00	32.55 0.62 0.00
MECO_____69_KV_BK1 80468	39.52 2.65 0.00	40.09 2.48 0.00	39.20 2.35 0.00	34.59 2.03 0.00	32.42 1.88 0.00	39.84 2.38 0.00	61.54 3.99 0.00	51.94 3.30 0.00	47.16 2.21 0.00	42.76 1.50 0.00	43.33 1.07 0.00	49.34 1.29 0.00	42.97 1.43 0.00	42.13 1.29 0.00	40.35 1.46 0.00	41.24 1.87 0.00	45.78 2.40 0.00	52.44 3.16 0.00	45.28 3.06 0.00	44.32 3.12 0.00	44.78 3.16 0.02	39.52 2.73 0.00	37.50 2.40 0.00	33.92 1.98 0.00
MENANDS___115KV_TB5 355628	37.54 0.67 0.00	38.30 0.69 0.00	37.45 0.60 0.00	33.12 0.56 0.00	31.11 0.57 0.00	38.12 0.66 0.00	58.45 0.90 0.00	49.63 1.00 0.00	45.93 0.98 0.00	41.97 0.71 0.00	43.00 0.74 0.00	48.85 0.80 0.00	42.41 0.86 0.00	41.68 0.83 0.00	39.68 0.79 0.00	40.08 0.72 0.00	44.11 0.72 0.00	50.38 1.11 0.00	43.18 0.96 0.00	42.17 0.97 0.00	42.75 1.12 0.00	37.74 0.94 0.00	35.97 0.87 0.00	32.58 0.65 0.00
MG INDUSTRY___DRP 24185	37.67 0.80 0.00	38.41 0.80 0.00	37.59 0.74 0.00	33.25 0.69 0.00	31.22 0.67 0.00	38.25 0.79 0.00	58.69 1.14 0.00	49.76 1.13 0.00	46.00 1.05 0.00	42.03 0.77 0.00	43.02 0.76 0.00	48.81 0.76 0.00	42.29 0.75 0.00	41.59 0.74 0.00	39.67 0.78 0.00	40.12 0.76 0.00	44.18 0.80 0.00	50.41 1.13 0.00	43.26 1.03 0.00	42.23 1.03 0.00	42.79 1.15 0.00	37.78 0.98 0.00	36.01 0.91 0.00	32.63 0.70 0.00

MID___OSWEGATCHIE_HYD 23849	36.54 -0.33 0.00	37.39 -0.22 0.00	36.61 -0.24 0.00	32.34 -0.22 0.00	30.33 -0.22 0.00	37.25 -0.21 0.00	57.58 0.03 0.00	48.47 -0.17 0.00	44.42 -0.53 0.00	40.42 -0.83 0.00	41.36 -0.90 0.00	46.91 -1.14 0.00	40.37 -1.17 0.00	39.64 -1.21 0.00	37.60 -1.28 0.00	37.94 -1.42 0.00	42.07 -1.31 0.00	48.19 -1.09 0.00	41.55 -0.67 0.00	40.86 -0.34 0.00	41.39 -0.25 0.00	36.68 -0.11 0.00	35.07 -0.03 0.00	31.58 -0.36 0.00
MID___RAQUETTE_HYD 23851	36.21 -0.66 0.00	37.11 -0.50 0.00	36.41 -0.44 0.00	32.18 -0.38 0.00	30.19 -0.35 0.00	37.04 -0.42 0.00	57.03 -0.52 0.00	47.85 -0.79 0.00	43.86 -1.09 0.00	39.90 -1.36 0.00	40.81 -1.45 0.00	46.42 -1.64 0.00	39.80 -1.75 0.00	39.01 -1.84 0.00	36.94 -1.95 0.00	37.26 -2.10 0.00	41.32 -2.07 0.00	47.15 -2.13 0.00	40.61 -1.61 0.00	39.89 -1.31 0.00	40.33 -1.31 0.00	35.90 -0.89 0.00	34.57 -0.53 0.00	31.53 -0.40 0.00
MILLIKEN___1 23584	37.85 0.97 0.00	38.28 0.67 0.00	37.43 0.58 0.00	33.08 0.51 0.00	31.01 0.47 0.00	38.16 0.70 0.00	59.05 1.50 0.00	50.01 1.37 0.00	46.23 1.28 0.00	42.31 1.06 0.00	43.32 1.06 0.00	49.27 1.21 0.00	42.74 1.19 0.00	42.28 1.43 0.00	40.27 1.38 0.00	40.77 1.41 0.00	44.87 1.49 0.00	51.05 1.77 0.00	43.79 1.56 0.00	42.61 1.41 0.00	42.86 1.36 0.14	37.89 1.10 0.00	35.98 0.88 0.00	32.46 0.53 0.00
MILLIKEN___2 23585	37.85 0.97 0.00	38.28 0.67 0.00	37.43 0.58 0.00	33.08 0.51 0.00	31.01 0.47 0.00	38.16 0.70 0.00	59.05 1.50 0.00	50.01 1.37 0.00	46.23 1.28 0.00	42.31 1.06 0.00	43.32 1.06 0.00	49.27 1.21 0.00	42.74 1.19 0.00	42.28 1.43 0.00	40.27 1.38 0.00	40.77 1.41 0.00	44.87 1.49 0.00	51.05 1.77 0.00	43.79 1.56 0.00	42.61 1.41 0.00	42.86 1.36 0.14	37.89 1.10 0.00	35.98 0.88 0.00	32.46 0.53 0.00
MILLIKEN___DIESEL 23629	37.85 0.97 0.00	38.28 0.67 0.00	37.43 0.58 0.00	33.08 0.51 0.00	31.01 0.47 0.00	38.16 0.70 0.00	59.05 1.50 0.00	50.01 1.37 0.00	46.23 1.28 0.00	42.31 1.06 0.00	43.32 1.06 0.00	49.27 1.21 0.00	42.74 1.19 0.00	42.28 1.43 0.00	40.27 1.38 0.00	40.77 1.41 0.00	44.87 1.49 0.00	51.05 1.77 0.00	43.79 1.56 0.00	42.61 1.41 0.00	42.86 1.36 0.14	37.89 1.10 0.00	35.98 0.88 0.00	32.46 0.53 0.00
MILLSEAT___LFGE 323607	36.38 -0.49 0.00	36.48 -1.12 0.01	35.71 -1.14 0.00	31.52 -1.04 0.00	29.43 -1.11 0.00	36.47 -0.99 0.00	56.62 -0.93 0.00	47.67 -0.96 0.00	44.15 -0.80 0.00	40.50 -0.75 0.00	41.88 -0.38 0.00	47.49 -0.56 0.00	41.32 -0.22 0.00	40.82 -0.03 0.00	38.28 -0.60 0.00	38.74 -0.63 0.00	42.29 -1.09 0.00	47.76 -1.52 0.00	40.86 -1.37 0.00	39.61 -1.59 0.00	39.45 -1.68 0.50	35.53 -1.26 0.00	34.25 -0.85 0.00	30.93 -1.00 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.00 2.13 0.00	39.55 1.94 0.00	38.55 1.70 0.00	34.10 1.53 0.00	31.98 1.44 0.00	39.10 1.64 0.00	60.20 2.65 0.00	51.28 2.64 0.00	47.55 2.60 0.00	43.58 2.33 0.00	44.63 2.37 0.00	50.67 2.61 0.00	44.29 2.75 0.00	43.59 2.74 0.00	41.72 2.84 0.00	42.25 2.88 0.00	46.50 3.12 0.00	52.78 3.49 0.00	45.00 2.77 0.00	43.71 2.50 0.00	44.08 2.47 0.02	38.87 2.08 0.00	36.81 1.71 0.00	33.15 1.21 0.00
MILLWOOD_13_KV_LOAD 356217	39.14 2.27 0.00	39.67 2.07 0.00	38.67 1.82 0.00	34.20 1.63 0.00	32.07 1.53 0.00	39.22 1.76 0.00	60.38 2.83 0.00	51.45 2.81 0.00	47.70 2.75 0.00	43.73 2.47 0.00	44.77 2.50 0.00	50.84 2.79 0.00	44.45 2.91 0.00	43.76 2.91 0.00	41.88 2.99 0.00	42.39 3.02 0.00	46.67 3.29 0.00	52.97 3.69 0.00	45.16 2.94 0.00	43.85 2.65 0.00	44.22 2.61 0.02	38.99 2.20 0.00	36.92 1.82 0.00	33.23 1.30 0.00
MODEL_CITY_ENERGY 24167	35.20 -1.67 0.00	35.28 -2.32 0.01	34.57 -2.27 0.00	30.52 -2.04 0.00	28.49 -2.05 0.00	35.30 -2.16 0.00	54.68 -2.87 0.00	45.88 -2.76 0.00	42.50 -2.45 0.00	39.04 -2.22 0.00	40.43 -1.83 0.00	45.77 -2.29 0.00	39.85 -1.70 0.00	39.37 -1.48 0.00	36.79 -2.10 0.00	37.24 -2.13 0.00	40.61 -2.77 0.00	45.72 -3.56 0.00	39.10 -3.12 0.00	37.84 -3.36 0.00	37.42 -3.47 0.74	34.07 -2.73 0.00	33.00 -2.10 0.00	29.86 -2.07 0.00
MODERN_LFGE___ 323580	35.20 -1.67 0.00	35.28 -2.32 0.01	34.57 -2.27 0.00	30.52 -2.04 0.00	28.49 -2.05 0.00	35.30 -2.16 0.00	54.68 -2.87 0.00	45.88 -2.76 0.00	42.50 -2.45 0.00	39.04 -2.22 0.00	40.43 -1.83 0.00	45.77 -2.29 0.00	39.85 -1.70 0.00	39.37 -1.48 0.00	36.79 -2.10 0.00	37.24 -2.13 0.00	40.61 -2.77 0.00	45.72 -3.56 0.00	39.10 -3.12 0.00	37.84 -3.36 0.00	37.42 -3.47 0.74	34.07 -2.73 0.00	33.00 -2.10 0.00	29.86 -2.07 0.00
MOHAWK_PAPER___DRP 24187	37.81 0.93 0.00	38.56 0.95 0.00	37.69 0.84 0.00	33.33 0.76 0.00	31.30 0.76 0.00	38.36 0.91 0.00	58.85 1.30 0.00	49.97 1.34 0.00	46.23 1.28 0.00	42.22 0.96 0.00	43.26 0.99 0.00	49.16 1.10 0.00	42.65 1.11 0.00	41.94 1.10 0.00	39.92 1.03 0.00	40.35 0.99 0.00	44.43 1.05 0.00	50.75 1.47 0.00	43.52 1.29 0.00	42.49 1.29 0.00	43.08 1.44 0.00	38.02 1.22 0.00	36.20 1.10 0.00	32.77 0.84 0.00
MOHICAN___35_KV_115KV_LD 80490	39.91 3.04 0.00	40.72 3.11 0.00	39.77 2.92 0.00	35.11 2.54 0.00	33.00 2.46 0.00	40.60 3.14 0.00	62.29 4.74 0.00	52.94 4.31 0.00	48.73 3.78 0.00	44.16 2.91 0.00	44.98 2.71 0.00	51.29 3.24 0.00	44.36 2.82 0.00	43.34 2.49 0.00	41.26 2.38 0.00	42.02 2.66 0.00	46.29 2.91 0.00	53.30 4.02 0.00	46.28 4.05 0.00	45.13 3.93 0.00	46.01 4.37 0.00	40.51 3.72 0.00	38.37 3.27 0.00	34.70 2.77 0.00
MONGAUP___HYD 23641	39.16 2.28 0.00	39.67 2.06 0.00	38.70 1.85 0.00	34.18 1.61 0.00	32.04 1.50 0.00	39.21 1.75 0.00	60.43 2.88 0.00	51.41 2.78 0.00	47.59 2.64 0.00	43.50 2.24 0.00	44.47 2.20 0.00	50.44 2.39 0.00	43.85 2.30 0.00	43.22 2.37 0.00	41.15 2.26 0.00	41.58 2.22 0.00	46.15 2.77 0.00	52.57 3.29 0.00	45.07 2.84 0.00	43.92 2.71 0.00	44.34 2.73 0.02	39.15 2.35 0.00	37.06 1.96 0.00	33.35 1.41 0.00
MONTAUK___DIESEL 23721	106.75 3.25 -66.63	41.96 2.90 -1.44	39.18 2.33 0.00	35.60 2.22 -0.81	32.75 2.20 0.00	40.18 2.72 0.00	60.79 3.24 0.00	51.70 3.07 0.00	48.72 3.77 0.00	45.15 3.90 0.00	45.93 3.67 0.00	51.82 3.77 0.00	46.14 4.60 0.00	45.69 4.84 0.00	44.16 5.09 -0.18	44.27 4.90 0.00	48.78 5.39 0.00	57.64 6.40 -1.96	47.49 5.27 0.00	45.95 4.75 0.00	46.11 4.50 0.02	39.98 3.18 0.00	37.96 2.86 0.00	34.21 2.28 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	36.87 0.00 0.00	36.89 -0.71 0.00	36.10 -0.75 0.00	31.90 -0.66 0.00	29.82 -0.72 0.00	36.94 -0.52 0.00	57.67 0.12 0.00	48.62 -0.01 0.00	45.14 0.19 0.00	41.51 0.26 0.00	42.89 0.62 0.00	48.66 0.61 0.00	42.18 0.64 0.00	41.79 0.94 0.00	39.23 0.35 0.00	39.88 0.51 0.00	43.63 0.24 0.00	49.14 -0.14 -0.01	41.89 -0.34 0.00	40.40 -0.80 0.00	40.02 -0.87 0.75	36.01 -0.79 0.00	34.53 -0.58 0.00	31.05 -0.88 0.00

MORRIS_RIDGE___SOLAR 323848	36.42 -0.45 0.00	36.52 -1.08 0.00	35.76 -1.09 0.00	31.65 -0.92 0.00	29.61 -0.94 0.00	36.60 -0.86 0.00	56.88 -0.67 0.00	47.94 -0.70 0.00	44.42 -0.53 0.00	40.84 -0.42 0.00	42.10 -0.16 0.00	47.77 -0.28 0.00	41.53 -0.01 0.00	41.08 0.23 0.00	38.69 -0.19 0.00	39.31 -0.06 0.00	43.05 -0.33 0.00	48.54 -0.75 0.00	41.47 -0.75 0.00	40.17 -1.04 0.00	39.97 -1.13 0.53	35.83 -0.96 0.00	34.34 -0.76 0.00	30.89 -1.04 0.00
MORTIMER_115KV_TB3 55949	36.30 -0.57 0.00	36.59 -1.02 0.01	35.80 -1.06 0.00	31.62 -0.94 0.00	29.57 -0.97 0.00	36.51 -0.95 0.00	56.51 -1.05 0.00	47.71 -0.93 0.00	44.18 -0.77 0.00	40.61 -0.64 0.00	41.87 -0.40 0.00	47.51 -0.54 0.00	41.27 -0.28 0.00	40.76 -0.09 0.00	38.43 -0.46 0.00	38.93 -0.43 0.00	42.68 -0.70 0.00	48.27 -1.01 0.00	41.32 -0.91 0.00	40.15 -1.05 0.00	40.61 -1.11 -0.09	35.93 -0.87 0.00	34.45 -0.65 0.00	31.15 -0.79 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	39.35 2.48 0.00	39.86 2.24 0.00	38.83 1.98 0.00	34.37 1.81 0.00	32.23 1.69 0.00	39.40 1.95 0.00	60.64 3.08 0.00	51.65 3.01 0.00	47.89 2.94 0.00	43.93 2.67 0.00	44.99 2.72 0.00	51.08 3.03 0.00	44.67 3.13 0.00	44.00 3.15 0.00	42.13 3.24 0.00	42.64 3.28 0.00	46.92 3.54 0.00	53.19 3.91 0.00	45.32 3.09 0.00	43.99 2.79 0.00	44.36 2.74 0.02	39.16 2.36 0.00	37.08 1.98 0.00	33.37 1.44 0.00
MUNSVILLE_WIND_PWR 323609	39.92 3.04 0.00	40.28 2.67 0.00	39.43 2.58 0.00	34.81 2.24 0.00	32.66 2.12 0.00	40.31 2.85 0.00	62.64 5.09 0.00	53.13 4.49 0.00	49.03 4.08 0.00	44.75 3.49 0.00	45.74 3.48 0.00	51.93 3.88 0.00	45.11 3.56 0.00	44.65 3.80 0.00	42.44 3.56 0.00	42.84 3.47 0.00	47.45 4.06 0.00	54.11 4.84 0.00	46.55 4.32 0.00	45.15 3.95 0.00	45.22 3.72 0.13	39.82 3.03 0.00	37.42 2.33 0.00	33.67 1.73 0.00
N SALMON___HYD 24042	36.95 0.08 0.00	37.84 0.23 0.00	37.11 0.26 0.00	32.92 0.35 0.00	30.93 0.38 0.00	37.92 0.46 0.00	58.30 0.75 0.00	49.25 0.61 0.00	45.27 0.32 0.00	41.40 0.15 0.00	42.43 0.17 0.00	48.25 0.19 0.00	41.34 -0.21 0.00	40.50 -0.34 0.00	38.38 -0.51 0.00	38.89 -0.47 0.00	43.02 -0.36 0.00	49.05 -0.23 0.00	42.11 -0.11 0.00	41.02 -0.18 0.00	41.29 -0.35 0.00	36.51 -0.29 0.00	35.04 -0.06 0.00	32.08 0.14 0.00
N.AKRON__115KV_KNAPP 355671	36.24 -0.63 0.00	36.32 -1.28 0.01	35.54 -1.31 0.00	31.39 -1.17 0.00	29.31 -1.23 0.00	36.32 -1.14 0.00	56.38 -1.17 0.00	47.43 -1.21 0.00	43.96 -0.99 0.00	40.36 -0.89 0.00	41.73 -0.54 0.00	47.29 -0.76 0.00	41.15 -0.39 0.00	40.67 -0.18 0.00	38.09 -0.80 0.00	38.55 -0.81 0.00	42.07 -1.32 0.00	47.47 -1.81 0.00	40.59 -1.63 0.00	39.33 -1.87 0.00	39.11 -1.96 0.56	35.31 -1.49 0.00	34.07 -1.03 0.00	30.78 -1.16 0.00
N.BELMOR_69_KV_BK1 55787	106.59 3.08 -66.63	41.97 2.92 -1.44	39.45 2.61 0.00	35.71 2.34 -0.81	32.64 2.10 0.00	39.89 2.44 0.00	61.08 3.53 0.00	51.88 3.24 0.00	48.15 3.20 0.00	44.31 3.06 0.00	45.06 2.79 0.00	50.84 2.79 0.00	44.93 3.38 0.00	44.44 3.59 0.00	42.95 3.89 -0.18	43.17 3.80 0.00	47.30 3.91 0.00	55.61 4.37 -1.96	45.95 3.72 0.00	44.71 3.51 0.00	44.96 3.35 0.02	39.52 2.73 0.00	37.49 2.39 0.00	33.78 1.85 0.00
N.E_GEN_SANDY PD 24062	38.14 1.26 -0.02	63.46 1.30 -24.54	37.73 1.16 0.28	35.36 1.05 -1.74	31.58 1.04 0.00	39.56 1.22 -0.88	57.32 1.78 2.00	58.35 1.85 -7.86	46.76 1.81 0.00	42.65 1.40 0.00	48.34 1.45 -4.63	55.08 1.62 -5.41	38.33 1.62 4.84	44.69 1.50 -2.34	40.11 1.42 0.20	40.69 1.33 0.00	44.75 1.36 0.00	51.13 1.85 0.00	43.80 1.57 0.00	42.28 1.55 0.47	43.88 1.73 -0.51	38.23 1.44 0.00	35.75 1.15 0.50	33.27 0.89 -0.44
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	38.95 2.08 0.00	39.49 1.88 0.00	38.51 1.66 0.00	34.06 1.50 0.00	31.95 1.41 0.00	39.06 1.61 0.00	60.17 2.62 0.00	51.31 2.67 0.00	47.58 2.62 0.00	43.61 2.36 0.00	44.70 2.44 0.00	50.76 2.71 0.00	44.34 2.80 0.00	43.67 2.82 0.00	41.81 2.92 0.00	42.35 2.98 0.00	46.65 3.27 0.00	52.92 3.64 0.00	45.10 2.87 0.00	43.78 2.58 0.00	44.16 2.55 0.02	38.89 2.10 0.00	36.82 1.72 0.00	33.13 1.19 0.00
N.QUEENS_27_KV_LOAD 356247	39.70 2.82 0.00	40.08 2.47 0.00	39.01 2.16 0.00	34.56 1.99 0.00	32.40 1.86 0.00	39.61 2.15 0.00	60.99 3.44 0.00	51.87 3.24 0.00	48.11 3.16 0.00	44.12 2.86 -0.01	45.22 2.95 0.00	51.33 3.27 0.00	44.92 3.38 0.00	44.24 3.39 0.00	42.35 3.46 0.00	42.83 3.46 0.00	47.11 3.73 0.00	53.37 4.09 0.00	45.46 3.24 0.00	44.11 2.91 0.00	44.51 2.89 0.02	39.34 2.54 0.00	37.25 2.15 0.00	33.47 1.54 0.00
N.TROY___115KV_TB1 355778	38.14 1.27 0.00	38.98 1.37 0.00	38.11 1.26 0.00	33.69 1.13 0.00	31.66 1.12 0.00	38.82 1.36 0.00	59.49 1.94 0.00	50.51 1.87 0.00	46.71 1.76 0.00	42.59 1.33 0.00	43.62 1.36 0.00	49.60 1.54 0.00	42.98 1.44 0.00	42.19 1.34 0.00	40.11 1.22 0.00	40.51 1.14 0.00	44.60 1.22 0.00	51.04 1.76 0.00	43.87 1.64 0.00	42.86 1.66 0.00	43.54 1.90 0.00	38.40 1.61 0.00	36.47 1.37 0.00	33.05 1.12 0.00
NARROWS_GT1_1 24228	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT1_2 24229	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT1_3 24230	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT1_4 24231	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26

NARROWS_GT1_5 24232	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT1_6 24233	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT1_7 24234	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT1_8 24235	50.99 2.81 -11.31	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	124.84 3.08 -80.50	45.30 3.04 0.00	51.46 3.41 0.00	114.61 3.48 -69.59	166.29 3.50 -121.95	67.40 3.63 -24.88	92.79 3.67 -49.75	80.23 3.96 -32.89	53.64 4.32 -0.03	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT2_1 24236	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT2_2 24237	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT2_3 24238	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT2_4 24239	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT2_5 24240	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT2_6 24241	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT2_7 24242	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NARROWS_GT2_8 24243	44.18 2.81 -4.50	41.66 2.50 -1.55	42.93 2.27 -3.81	42.57 2.07 -7.93	42.27 1.94 -9.78	41.69 2.27 -1.97	61.11 3.53 -0.03	51.99 3.36 0.00	48.24 3.28 0.00	49.62 3.08 -5.28	45.30 3.04 0.00	51.46 3.41 0.00	49.65 3.48 -4.62	55.92 3.50 -11.57	44.71 3.63 -2.19	60.96 3.67 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.40 0.00	44.28 3.08 0.00	44.67 3.05 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	38.30 1.42 0.00	39.03 1.43 0.00	38.18 1.33 0.00	33.73 1.17 0.00	31.68 1.13 0.00	38.88 1.42 0.00	59.74 2.19 0.00	50.71 2.07 0.00	46.89 1.93 0.00	42.70 1.45 0.00	43.68 1.42 0.00	49.48 1.43 0.00	42.71 1.16 0.00	41.97 1.13 0.00	40.06 1.17 0.00	40.67 1.31 0.00	44.89 1.51 0.00	51.35 2.07 0.00	44.22 1.99 0.00	43.26 2.06 0.00	43.86 2.22 0.00	38.70 1.91 0.00	36.89 1.79 0.00	33.36 1.43 0.00
NCHELSEA_115KV_TR2 355582	39.22 2.35 0.00	39.75 2.14 0.00	38.75 1.90 0.00	34.26 1.70 0.00	32.13 1.58 0.00	39.31 1.85 0.00	60.55 3.00 0.00	51.59 2.96 0.00	47.78 2.83 0.00	43.73 2.47 0.00	44.79 2.52 0.00	50.95 2.89 0.00	44.49 2.94 0.00	43.79 2.94 0.00	41.87 2.98 0.00	42.41 3.04 0.00	46.69 3.31 0.00	53.06 3.78 0.00	45.28 3.05 0.00	44.00 2.80 0.00	44.41 2.79 0.02	39.14 2.35 0.00	37.04 1.94 0.00	33.35 1.42 0.00
NEG CAPITAL___MECHNVIL 23645	39.05 2.18 0.00	39.88 2.27 0.00	38.95 2.10 0.00	34.38 1.81 0.00	32.31 1.76 0.00	39.68 2.22 0.00	60.89 3.34 0.00	51.68 3.04 0.00	47.70 2.75 0.00	43.50 2.24 0.00	44.45 2.18 0.00	50.62 2.57 0.00	43.81 2.26 0.00	43.08 2.23 0.00	41.00 2.11 0.00	41.52 2.15 0.00	45.77 2.38 0.00	52.42 3.14 0.00	45.21 2.98 0.00	44.11 2.91 0.00	44.84 3.20 0.00	39.51 2.71 0.00	37.46 2.36 0.00	33.90 1.97 0.00

NEG CENTRAL_HIGH_ACRES 23767	35.75 -1.13 0.00	36.07 -1.53 0.01	35.30 -1.55 0.00	31.19 -1.38 0.00	29.19 -1.35 0.00	36.00 -1.46 0.00	55.72 -1.83 0.00	47.11 -1.53 0.00	43.55 -1.40 0.00	40.00 -1.25 0.00	41.26 -1.00 0.00	46.93 -1.13 0.00	40.75 -0.79 0.00	40.22 -0.63 0.00	38.01 -0.88 0.00	38.52 -0.84 0.00	42.27 -1.12 0.00	47.84 -1.44 0.00	40.96 -1.27 0.00	39.80 -1.40 0.00	40.29 -1.47 -0.12	35.56 -1.23 0.00	34.05 -1.05 0.00	30.78 -1.15 0.00
NEG CENTRAL___DRP 24199	36.97 0.10 0.00	37.35 -0.26 0.00	36.53 -0.32 0.00	32.27 -0.29 0.00	30.24 -0.30 0.00	37.22 -0.24 0.00	57.55 0.00 0.00	48.79 0.15 0.00	45.08 0.13 0.00	41.31 0.05 0.00	42.42 0.16 0.00	48.19 0.14 0.00	41.88 0.33 0.00	41.29 0.44 0.00	39.28 0.39 0.00	39.86 0.49 0.00	43.84 0.46 0.00	49.73 0.45 0.00	42.53 0.30 0.00	41.37 0.17 0.00	41.75 0.11 0.00	36.86 0.06 0.00	35.12 0.02 0.00	31.72 -0.22 0.00
NEG CENTRAL___INDECK 23768	37.68 0.81 0.00	37.83 0.23 0.00	36.99 0.14 0.00	32.69 0.13 0.00	30.57 0.03 0.00	37.84 0.39 0.00	58.90 1.34 0.00	49.80 1.17 0.00	46.09 1.14 0.00	42.28 1.02 0.00	43.48 1.22 0.00	49.23 1.18 0.00	42.76 1.22 0.00	42.15 1.30 0.00	39.60 0.71 0.00	40.14 0.78 0.00	44.08 0.70 0.00	50.04 0.76 0.00	43.09 0.87 0.00	41.90 0.70 0.00	42.15 0.72 0.21	37.41 0.61 0.00	35.76 0.66 0.00	32.16 0.23 0.00
NEG CENTRAL___SENECA 23627	37.06 0.19 0.00	37.35 -0.26 0.00	36.53 -0.32 0.00	32.30 -0.26 0.00	30.28 -0.26 0.00	37.31 -0.14 0.00	57.76 0.21 0.00	49.02 0.38 0.00	45.30 0.35 0.00	41.52 0.27 0.00	42.66 0.40 0.00	48.45 0.39 0.00	42.12 0.58 0.00	41.59 0.74 0.00	39.49 0.60 0.00	40.10 0.74 0.00	44.08 0.70 0.00	49.98 0.70 0.00	42.74 0.52 0.00	41.52 0.31 0.00	41.87 0.23 0.00	36.97 0.18 0.00	35.26 0.16 0.00	31.79 -0.14 0.00
NEG CENTRAL___STATE_STREET 24147	37.22 0.34 0.00	37.73 0.12 0.00	36.94 0.09 0.00	32.61 0.04 0.00	30.43 -0.11 0.00	37.37 -0.09 0.00	57.72 0.17 0.00	48.84 0.20 0.00	45.10 0.15 0.00	41.27 0.01 0.00	42.37 0.11 0.00	48.14 0.09 0.00	41.81 0.27 0.00	41.07 0.22 0.00	39.21 0.32 0.00	39.76 0.39 0.00	43.86 0.48 0.00	49.81 0.54 0.00	42.56 0.34 0.00	41.51 0.30 0.00	41.93 0.30 0.00	37.00 0.21 0.00	35.22 0.12 0.00	31.83 -0.11 0.00
NEG MILLWOOD___DRP 24198	39.39 2.52 0.00	39.90 2.29 0.00	38.89 2.05 0.00	34.37 1.81 0.00	32.23 1.69 0.00	39.44 1.98 0.00	60.77 3.22 0.00	51.76 3.12 0.00	47.99 3.04 0.00	43.99 2.73 0.00	45.05 2.78 0.00	51.16 3.10 0.00	44.70 3.16 0.00	44.00 3.15 0.00	42.09 3.20 0.00	42.59 3.23 0.00	46.90 3.51 0.00	53.26 3.98 0.00	45.45 3.23 0.00	44.16 2.96 0.00	44.54 2.92 0.02	39.25 2.46 0.00	37.16 2.06 0.00	33.45 1.51 0.00
NEG NORTH_FLCN_SEA 23793	37.84 0.97 0.00	38.89 1.27 0.00	38.13 1.28 0.00	33.87 1.31 0.00	31.86 1.31 0.00	39.02 1.56 0.00	59.78 2.23 0.00	50.85 2.21 0.00	46.65 1.70 0.00	42.50 1.24 0.00	43.67 1.40 0.00	49.66 1.61 0.00	42.54 0.99 0.00	41.71 0.86 0.00	39.55 0.66 0.00	40.32 0.95 0.00	44.48 1.10 0.00	50.88 1.60 0.00	43.68 1.46 0.00	41.88 0.68 0.00	41.81 0.18 0.00	36.87 0.08 0.00	35.35 0.25 0.00	32.37 0.44 0.00
NEG NORTH_KES_CHATEGAY 23792	36.96 0.08 0.00	37.88 0.27 0.00	37.16 0.31 0.00	32.99 0.43 0.00	31.00 0.45 0.00	37.96 0.50 0.00	58.28 0.73 0.00	49.29 0.66 0.00	45.33 0.38 0.00	41.52 0.26 0.00	42.59 0.32 0.00	48.43 0.38 0.00	41.49 -0.05 0.00	40.66 -0.19 0.00	38.53 -0.36 0.00	39.09 -0.28 0.00	43.17 -0.22 0.00	49.17 -0.11 0.00	42.19 -0.03 0.00	40.96 -0.24 0.00	41.18 -0.45 0.00	36.38 -0.42 0.00	34.90 -0.20 0.00	32.02 0.08 0.00
NEG NORTH___ALICE_FALLS 23915	37.71 0.84 0.00	38.69 1.08 0.00	37.95 1.10 0.00	33.70 1.14 0.00	31.70 1.15 0.00	38.84 1.38 0.00	59.57 2.02 0.00	50.63 1.99 0.00	46.46 1.51 0.00	42.35 1.09 0.00	43.48 1.21 0.00	49.45 1.39 0.00	42.35 0.81 0.00	41.52 0.67 0.00	39.38 0.50 0.00	40.11 0.75 0.00	44.28 0.89 0.00	50.65 1.37 0.00	43.52 1.29 0.00	41.86 0.65 0.00	41.83 0.20 0.00	36.88 0.08 0.00	35.35 0.25 0.00	32.36 0.43 0.00
NEG NORTH___LWR_SARANAC 23913	37.71 0.84 0.00	38.69 1.08 0.00	37.95 1.10 0.00	33.70 1.14 0.00	31.70 1.15 0.00	38.84 1.38 0.00	59.57 2.02 0.00	50.63 1.99 0.00	46.46 1.51 0.00	42.35 1.09 0.00	43.48 1.21 0.00	49.45 1.39 0.00	42.35 0.81 0.00	41.52 0.67 0.00	39.38 0.50 0.00	40.11 0.75 0.00	44.28 0.89 0.00	50.65 1.37 0.00	43.52 1.29 0.00	41.86 0.65 0.00	41.83 0.20 0.00	36.88 0.08 0.00	35.35 0.25 0.00	32.36 0.43 0.00
NEG NORTH___PLATTSBURG 23628	37.71 0.84 0.00	38.69 1.08 0.00	37.95 1.10 0.00	33.70 1.14 0.00	31.70 1.15 0.00	38.84 1.38 0.00	59.57 2.02 0.00	50.63 1.99 0.00	46.46 1.51 0.00	42.35 1.09 0.00	43.48 1.21 0.00	49.45 1.39 0.00	42.35 0.81 0.00	41.52 0.67 0.00	39.38 0.50 0.00	40.11 0.75 0.00	44.28 0.89 0.00	50.65 1.37 0.00	43.52 1.29 0.00	41.85 0.66 0.00	41.84 0.20 0.00	36.88 0.08 0.00	35.35 0.25 0.00	32.36 0.43 0.00
NEG WEST_LEA_LOCKPORT 23791	35.55 -1.33 0.00	35.63 -1.97 0.01	34.90 -1.95 0.00	30.83 -1.74 0.00	28.78 -1.77 0.00	35.64 -1.82 0.00	55.27 -2.28 0.00	46.39 -2.24 0.00	43.00 -1.95 0.00	39.52 -1.74 0.00	40.89 -1.37 0.00	46.30 -1.75 0.00	40.30 -1.24 0.00	39.83 -1.02 0.00	37.24 -1.65 0.00	37.70 -1.67 0.00	41.14 -2.24 0.00	46.33 -2.96 0.00	39.60 -2.63 0.00	38.32 -2.88 0.00	37.98 -2.97 0.68	34.47 -2.33 0.00	33.35 -1.75 0.00	30.16 -1.78 0.00
NEG WEST___LANCASTR 23811	36.22 -0.65 0.00	36.31 -1.30 0.00	35.55 -1.30 0.00	31.42 -1.15 0.00	29.37 -1.17 0.00	36.32 -1.14 0.00	56.47 -1.08 0.00	47.55 -1.08 0.00	44.06 -0.89 0.00	40.53 -0.72 0.00	41.86 -0.40 0.00	47.48 -0.57 0.00	41.23 -0.31 0.00	40.80 -0.05 0.00	38.33 -0.56 0.00	38.88 -0.48 0.00	42.56 -0.82 0.00	47.92 -1.37 -0.01	40.92 -1.31 0.00	39.30 -1.90 0.00	38.91 -1.98 0.75	35.15 -1.64 0.00	33.85 -1.25 0.00	30.51 -1.43 0.00
NEG_PENN_ALLEGHNY 23528	37.29 0.41 0.00	37.69 0.08 0.00	36.89 0.04 0.00	32.58 0.02 0.00	30.55 0.01 0.00	37.58 0.13 0.00	58.20 0.65 0.00	49.26 0.63 0.00	45.60 0.65 0.00	41.82 0.57 0.00	42.91 0.65 0.00	48.75 0.70 0.00	42.36 0.81 0.00	41.81 0.97 0.00	39.76 0.88 0.00	40.38 1.02 0.00	44.45 1.06 0.00	50.41 1.13 0.00	43.06 0.83 0.00	41.83 0.63 0.00	42.02 0.56 0.18	37.20 0.40 0.00	35.39 0.29 0.00	31.93 -0.01 0.00
NEG___GEN_MONROE 24207	36.57 -0.30 0.00	36.81 -0.79 0.01	36.01 -0.84 0.00	31.80 -0.77 0.00	29.74 -0.81 0.00	36.73 -0.73 0.00	56.91 -0.64 0.00	48.07 -0.57 0.00	44.49 -0.45 0.00	40.88 -0.38 0.00	42.17 -0.09 0.00	47.84 -0.22 0.00	41.54 0.00 0.00	41.04 0.19 0.00	38.67 -0.22 0.00	39.16 -0.21 0.00	42.91 -0.48 0.00	48.56 -0.72 0.00	41.58 -0.65 0.00	40.38 -0.82 0.00	40.83 -0.87 -0.05	36.14 -0.65 0.00	34.67 -0.43 0.00	31.33 -0.61 0.00

NEPA__ENERGY 23901	36.28 -0.60 0.00	36.30 -1.30 0.00	35.57 -1.28 0.00	31.43 -1.13 0.00	29.40 -1.14 0.00	36.38 -1.08 0.00	56.92 -0.63 0.00	47.95 -0.69 0.00	44.46 -0.49 0.00	40.87 -0.39 0.00	42.16 -0.10 0.00	47.90 -0.15 0.00	41.55 0.01 0.00	41.18 0.33 0.00	38.82 -0.07 0.00	39.58 0.22 0.00	43.38 0.00 0.00	48.91 -0.38 -0.01	41.58 -0.65 0.00	40.15 -1.05 0.00	39.67 -1.22 0.76	35.68 -1.12 0.00	34.21 -0.89 0.00	30.71 -1.22 0.00
NEVERSink__HYD 23608	37.79 0.91 0.00	38.28 0.67 0.00	37.33 0.48 0.00	32.96 0.40 0.00	30.91 0.37 0.00	37.82 0.36 0.00	58.26 0.71 0.00	49.61 0.97 0.00	45.98 1.03 0.00	42.14 0.88 0.00	43.09 0.82 0.00	48.96 0.91 0.00	42.76 1.22 0.00	42.04 1.20 0.00	40.17 1.28 0.00	40.74 1.38 0.00	45.00 1.62 0.00	51.15 1.87 0.00	43.69 1.47 0.00	42.52 1.32 0.00	42.87 1.25 0.02	37.76 0.97 0.00	35.70 0.60 0.00	32.14 0.21 0.00
NEWKRMKL_115KV_TB1 55635	37.37 0.50 0.00	38.11 0.50 0.00	37.26 0.41 0.00	32.94 0.38 0.00	30.96 0.42 0.00	37.92 0.46 0.00	58.16 0.62 0.00	49.39 0.76 0.00	45.71 0.75 0.00	41.77 0.52 0.00	42.80 0.54 0.00	48.62 0.57 0.00	42.21 0.67 0.00	41.50 0.64 0.00	39.53 0.64 0.00	39.97 0.60 0.00	43.99 0.61 0.00	50.23 0.95 0.00	43.03 0.80 0.00	42.01 0.81 0.00	42.56 0.93 0.00	37.59 0.79 0.00	35.89 0.79 0.00	32.49 0.56 0.00
NEWTON__FALLS_HYD 23847	36.54 -0.33 0.00	37.39 -0.22 0.00	36.61 -0.24 0.00	32.34 -0.22 0.00	30.33 -0.22 0.00	37.25 -0.21 0.00	57.58 0.03 0.00	48.47 -0.17 0.00	44.42 -0.53 0.00	40.42 -0.83 0.00	41.36 -0.90 0.00	46.91 -1.14 0.00	40.37 -1.17 0.00	39.64 -1.21 0.00	37.60 -1.28 0.00	37.94 -1.42 0.00	42.07 -1.31 0.00	48.19 -1.09 0.00	41.55 -0.67 0.00	40.86 -0.34 0.00	41.39 -0.25 0.00	36.68 -0.11 0.00	35.07 -0.03 0.00	31.58 -0.36 0.00
NGRID_A1_DSASP 323792	34.82 -2.06 0.00	34.93 -2.67 0.01	34.23 -2.62 0.00	30.24 -2.33 0.00	28.21 -2.34 0.00	34.91 -2.55 0.00	54.08 -3.47 0.00	45.33 -3.31 0.00	42.02 -2.94 0.00	38.62 -2.63 0.00	40.01 -2.25 0.00	45.28 -2.78 0.00	39.39 -2.15 0.00	38.94 -1.91 0.00	36.36 -2.53 0.00	36.80 -2.56 0.00	40.10 -3.29 0.00	45.09 -4.19 -0.01	38.55 -3.68 0.00	37.31 -3.89 0.00	36.73 -4.01 0.89	33.63 -3.17 0.00	32.60 -2.50 0.00	29.52 -2.41 0.00
NGRID_A2_DSASP 323793	34.82 -2.06 0.00	34.93 -2.67 0.01	34.23 -2.62 0.00	30.24 -2.33 0.00	28.21 -2.34 0.00	34.91 -2.55 0.00	54.08 -3.47 0.00	45.33 -3.31 0.00	42.02 -2.94 0.00	38.62 -2.63 0.00	40.01 -2.25 0.00	45.28 -2.78 0.00	39.39 -2.15 0.00	38.94 -1.91 0.00	36.36 -2.53 0.00	36.80 -2.56 0.00	40.10 -3.29 0.00	45.09 -4.19 -0.01	38.55 -3.68 0.00	37.31 -3.89 0.00	36.73 -4.01 0.89	33.63 -3.17 0.00	32.60 -2.50 0.00	29.52 -2.41 0.00
NGRID_A4_DSASP 323807	34.82 -2.06 0.00	34.93 -2.67 0.01	34.23 -2.62 0.00	30.24 -2.33 0.00	28.21 -2.34 0.00	34.91 -2.55 0.00	54.08 -3.47 0.00	45.33 -3.31 0.00	42.02 -2.94 0.00	38.62 -2.63 0.00	40.01 -2.25 0.00	45.28 -2.78 0.00	39.39 -2.15 0.00	38.94 -1.91 0.00	36.36 -2.53 0.00	36.80 -2.56 0.00	40.10 -3.29 0.00	45.09 -4.19 -0.01	38.55 -3.68 0.00	37.31 -3.89 0.00	36.73 -4.01 0.89	33.63 -3.17 0.00	32.60 -2.50 0.00	29.52 -2.41 0.00
NIAGARA_115E_LBMP 323715	34.98 -1.89 0.00	35.06 -2.55 0.01	34.37 -2.48 0.00	30.35 -2.22 0.00	28.31 -2.23 0.00	35.08 -2.37 0.00	54.35 -3.20 0.00	45.56 -3.08 0.00	42.21 -2.74 0.00	38.76 -2.49 0.00	40.15 -2.11 0.00	45.44 -2.61 0.00	39.55 -1.99 0.00	39.09 -1.75 0.00	36.51 -2.37 0.00	36.94 -2.42 0.00	40.30 -3.09 0.00	45.36 -3.92 0.00	38.79 -3.44 0.00	37.53 -3.67 0.00	37.06 -3.78 0.79	33.82 -2.97 0.00	32.78 -2.32 0.00	29.67 -2.26 0.00
NIAGARA_115W_LBMP 323714	34.75 -2.13 0.00	34.86 -2.74 0.01	34.16 -2.68 0.00	30.18 -2.39 0.00	28.15 -2.39 0.00	34.84 -2.62 0.00	53.97 -3.58 0.00	45.23 -3.40 0.00	41.87 -3.08 0.00	38.50 -2.76 0.00	39.88 -2.38 0.00	45.12 -2.93 0.00	39.25 -2.29 0.00	38.80 -2.05 0.00	36.24 -2.65 0.00	36.70 -2.67 0.00	40.01 -3.37 0.00	44.99 -4.29 0.00	38.46 -3.76 0.00	37.23 -3.97 0.00	36.64 -4.10 0.90	33.55 -3.24 0.00	32.53 -2.56 0.00	29.46 -2.47 0.00
NIAGARA_230_LBMP 323716	35.07 -1.81 0.00	35.18 -2.43 0.01	34.48 -2.37 0.00	30.45 -2.11 0.00	28.42 -2.12 0.00	35.17 -2.29 0.00	54.46 -3.08 0.00	45.71 -2.93 0.00	42.33 -2.62 0.00	38.91 -2.35 0.00	40.27 -2.00 0.00	45.59 -2.47 0.00	39.65 -1.90 0.00	39.19 -1.66 0.00	36.63 -2.26 0.00	37.09 -2.28 0.00	40.49 -2.90 0.00	45.57 -3.70 0.00	38.97 -3.25 0.00	37.72 -3.48 0.00	37.07 -3.61 0.97	33.95 -2.84 0.00	32.89 -2.22 0.00	29.77 -2.16 0.00
NIAGARA__115KV_198_GIBSON 55903	34.74 -2.13 0.00	34.86 -2.74 0.01	34.15 -2.70 0.00	30.17 -2.39 0.00	28.15 -2.39 0.00	34.84 -2.62 0.00	53.96 -3.59 0.00	45.23 -3.40 0.00	41.90 -3.05 0.00	38.55 -2.70 0.00	39.90 -2.36 0.00	45.12 -2.93 0.00	39.25 -2.29 0.00	38.80 -2.05 0.00	36.23 -2.65 0.00	36.70 -2.66 0.00	40.02 -3.37 0.00	45.00 -4.28 0.00	38.46 -3.77 0.00	37.23 -3.97 0.00	36.66 -4.08 0.90	33.55 -3.24 0.00	32.53 -2.57 0.00	29.46 -2.47 0.00
NIAGARA____ 23760	35.07 -1.81 0.00	35.18 -2.43 0.01	34.48 -2.37 0.00	30.45 -2.11 0.00	28.42 -2.12 0.00	35.17 -2.29 0.00	54.46 -3.08 0.00	45.71 -2.93 0.00	42.33 -2.62 0.00	38.91 -2.35 0.00	40.27 -2.00 0.00	45.59 -2.47 0.00	39.65 -1.90 0.00	39.19 -1.66 0.00	36.63 -2.26 0.00	37.09 -2.28 0.00	40.49 -2.90 0.00	45.58 -3.70 0.00	38.97 -3.25 0.00	37.72 -3.48 0.00	37.12 -3.61 0.91	33.95 -2.84 0.00	32.89 -2.22 0.00	29.77 -2.16 0.00
NINE_MILE_1 23575	35.85 -1.03 0.00	36.39 -1.18 0.04	35.66 -1.19 0.00	31.52 -1.05 0.00	29.54 -1.01 0.00	36.27 -1.18 0.00	55.84 -1.71 0.00	47.25 -1.39 0.00	43.69 -1.26 0.00	40.06 -1.20 0.00	41.09 -1.17 0.00	46.70 -1.35 0.00	40.47 -1.07 0.00	39.85 -1.00 0.00	37.93 -0.96 0.00	38.41 -0.95 0.00	42.27 -1.11 0.00	48.01 -1.27 0.00	41.13 -1.09 0.00	40.09 -1.11 0.00	40.54 -1.12 -0.02	35.79 -1.00 0.00	34.13 -0.98 0.00	30.97 -0.96 0.00
NINE_MILE_2 23744	35.85 -1.03 0.00	36.39 -1.18 0.04	35.66 -1.19 0.00	31.52 -1.05 0.00	29.54 -1.00 0.00	36.28 -1.18 0.00	55.85 -1.70 0.00	47.26 -1.38 0.00	43.69 -1.26 0.00	40.06 -1.20 0.00	41.09 -1.17 0.00	46.70 -1.35 0.00	40.48 -1.07 0.00	39.85 -1.00 0.00	37.93 -0.96 0.00	38.41 -0.95 0.00	42.27 -1.11 0.00	48.01 -1.27 0.00	41.13 -1.09 0.00	40.10 -1.10 0.00	40.55 -1.11 -0.02	35.80 -1.00 0.00	34.13 -0.98 0.00	30.97 -0.96 0.00
NM_CAPITAL__DRP 24208	37.45 0.57 0.00	38.20 0.60 0.00	37.35 0.50 0.00	33.03 0.47 0.00	31.04 0.49 0.00	38.02 0.56 0.00	58.29 0.74 0.00	49.50 0.86 0.00	45.82 0.87 0.00	41.86 0.60 0.00	42.90 0.63 0.00	48.73 0.67 0.00	42.30 0.75 0.00	41.56 0.72 0.00	39.58 0.69 0.00	39.98 0.62 0.00	44.01 0.62 0.00	50.26 0.98 0.00	43.07 0.85 0.00	42.05 0.85 0.00	42.64 1.00 0.00	37.65 0.86 0.00	35.91 0.80 0.00	32.52 0.58 0.00

NM_CENTRAL___DRP 24181	36.62 -0.26 0.00	37.14 -0.46 0.00	36.34 -0.51 0.00	32.11 -0.46 0.00	30.10 -0.44 0.00	36.99 -0.47 0.00	57.06 -0.49 0.00	48.30 -0.34 0.00	44.67 -0.28 0.00	40.98 -0.28 0.00	42.07 -0.19 0.00	47.84 -0.21 0.00	41.48 -0.07 0.00	40.88 0.03 0.00	38.92 0.04 0.00	39.42 0.06 0.00	43.37 -0.01 0.00	49.26 -0.02 0.00	42.18 -0.05 0.00	41.09 -0.11 0.00	41.51 -0.13 0.00	36.63 -0.16 0.00	34.89 -0.21 0.00	31.59 -0.35 0.00
NM_FRONTIER___DRP 24179	34.74 -2.13 0.00	34.86 -2.74 0.01	34.15 -2.70 0.00	30.17 -2.39 0.00	28.15 -2.39 0.00	34.84 -2.62 0.00	53.96 -3.59 0.00	45.23 -3.40 0.00	41.90 -3.05 0.00	38.55 -2.70 0.00	39.90 -2.36 0.00	45.12 -2.93 0.00	39.25 -2.29 0.00	38.80 -2.05 0.00	36.23 -2.65 0.00	36.70 -2.66 0.00	40.02 -3.37 0.00	45.00 -4.28 0.00	38.46 -3.77 0.00	37.23 -3.97 0.00	36.66 -4.08 0.90	33.55 -3.24 0.00	32.53 -2.57 0.00	29.46 -2.47 0.00
NM_ST_REGIS___HYD 24053	36.42 -0.45 0.00	37.31 -0.29 0.00	36.61 -0.23 0.00	32.39 -0.17 0.00	30.40 -0.14 0.00	37.30 -0.16 0.00	57.41 -0.14 0.00	48.24 -0.40 0.00	44.25 -0.70 0.00	40.30 -0.95 0.00	41.25 -1.01 0.00	46.91 -1.14 0.00	40.21 -1.34 0.00	39.41 -1.44 0.00	37.31 -1.58 0.00	37.69 -1.67 0.00	41.77 -1.61 0.00	47.65 -1.63 0.00	41.01 -1.21 0.00	40.19 -1.01 0.00	40.58 -1.06 0.00	36.07 -0.73 0.00	34.70 -0.40 0.00	31.68 -0.25 0.00
NORTHPORT___1 23551	105.98 2.47 -66.63	41.36 2.31 -1.44	38.92 2.07 0.00	35.32 1.95 -0.81	32.26 1.72 0.00	39.41 1.95 0.00	60.48 2.93 0.00	51.57 2.93 0.00	47.55 2.60 0.00	43.79 2.53 0.00	44.36 2.09 0.00	49.93 1.88 0.00	44.33 2.78 0.00	43.70 2.85 0.00	42.31 3.24 -0.18	42.46 3.10 0.00	46.63 3.25 0.00	54.96 3.72 -1.96	45.47 3.25 0.00	44.24 3.04 0.00	44.50 2.88 0.02	38.93 2.13 0.00	36.91 1.81 0.00	33.39 1.46 0.00
NORTHPORT___2 23552	105.98 2.47 -66.63	41.36 2.31 -1.44	38.92 2.07 0.00	35.32 1.95 -0.81	32.26 1.72 0.00	39.41 1.95 0.00	60.48 2.93 0.00	51.57 2.93 0.00	47.55 2.60 0.00	43.79 2.53 0.00	44.36 2.09 0.00	49.93 1.88 0.00	44.33 2.78 0.00	43.70 2.85 0.00	42.31 3.24 -0.18	42.46 3.10 0.00	46.63 3.25 0.00	54.96 3.72 -1.96	45.47 3.25 0.00	44.24 3.04 0.00	44.50 2.88 0.02	38.93 2.13 0.00	36.91 1.81 0.00	33.39 1.46 0.00
NORTHPORT___3 23553	106.05 2.54 -66.63	41.50 2.45 -1.44	39.05 2.20 0.00	35.41 2.04 -0.81	32.36 1.82 0.00	39.54 2.08 0.00	60.49 2.94 0.00	51.49 2.86 0.00	47.60 2.65 0.00	43.84 2.58 0.00	44.49 2.23 0.00	50.13 2.07 0.00	44.40 2.85 0.00	43.82 2.97 0.00	42.37 3.30 -0.18	42.57 3.21 0.00	46.77 3.39 0.00	55.10 3.86 -1.96	45.51 3.28 0.00	44.27 3.07 0.00	44.49 2.88 0.02	38.97 2.18 0.00	36.95 1.85 0.00	33.42 1.49 0.00
NORTHPORT___4 23650	106.05 2.54 -66.63	41.50 2.45 -1.44	39.05 2.20 0.00	35.41 2.04 -0.81	32.36 1.82 0.00	39.54 2.08 0.00	60.49 2.94 0.00	51.49 2.86 0.00	47.60 2.65 0.00	43.84 2.58 0.00	44.49 2.23 0.00	50.13 2.07 0.00	44.40 2.85 0.00	43.82 2.97 0.00	42.37 3.30 -0.18	42.57 3.21 0.00	46.77 3.39 0.00	55.10 3.86 -1.96	45.51 3.28 0.00	44.27 3.07 0.00	44.49 2.88 0.02	38.97 2.18 0.00	36.95 1.85 0.00	33.42 1.49 0.00
NORTHPORT___IC 23718	105.98 2.48 -66.63	41.36 2.31 -1.44	38.91 2.06 0.00	35.32 1.95 -0.81	32.26 1.72 0.00	39.41 1.95 0.00	60.49 2.94 0.00	51.57 2.93 0.00	47.55 2.60 0.00	43.77 2.52 0.00	44.35 2.09 0.00	49.93 1.88 0.00	44.33 2.78 0.00	43.70 2.85 0.00	42.31 3.24 -0.18	42.46 3.10 0.00	46.63 3.25 0.00	54.97 3.72 -1.96	45.47 3.24 0.00	44.25 3.05 0.00	44.50 2.88 0.02	38.93 2.14 0.00	36.91 1.81 0.00	33.40 1.46 0.00
NORTH___COUNTRY_ESR 323785	36.86 -0.02 0.00	37.77 0.16 0.00	37.06 0.21 0.00	32.92 0.35 0.00	30.94 0.39 0.00	37.89 0.43 0.00	58.17 0.61 0.00	49.18 0.54 0.00	45.28 0.33 0.00	41.50 0.24 0.00	42.57 0.31 0.00	48.42 0.37 0.00	41.48 -0.06 0.00	40.63 -0.22 0.00	38.53 -0.36 0.00	39.08 -0.29 0.00	43.16 -0.22 0.00	49.16 -0.12 0.00	42.12 -0.10 0.00	40.87 -0.33 0.00	41.09 -0.55 0.00	36.28 -0.52 0.00	34.81 -0.29 0.00	31.94 0.00 0.00
NPX_GEN_1385_PROXY 323591	104.86 1.49 -66.49	32.90 1.22 5.93	28.81 1.04 9.09	35.10 1.72 -0.81	31.98 1.43 0.00	39.02 1.56 0.00	60.82 3.27 0.00	52.80 4.16 0.00	47.43 2.48 0.00	43.21 1.95 0.00	43.58 1.32 0.00	48.55 0.49 0.00	41.78 2.09 1.85	42.76 1.91 0.00	41.43 2.37 -0.18	41.38 2.02 0.00	19.75 1.98 25.61	49.32 2.36 2.31	44.64 2.41 0.00	44.10 2.90 0.00	44.59 2.97 0.02	38.47 1.67 0.00	36.48 1.38 0.00	33.46 1.52 0.00
NPX_GEN_CSC 323557	105.89 2.52 -66.49	41.30 2.25 -1.44	38.77 1.92 0.00	35.06 1.69 -0.81	32.03 1.49 0.00	39.15 1.69 0.00	59.88 2.33 0.00	50.97 2.33 0.00	47.10 2.15 0.00	43.77 2.51 0.00	44.25 1.99 0.00	49.69 1.63 0.00	42.36 2.67 1.85	43.67 2.82 0.00	42.26 3.20 -0.18	42.39 3.03 0.00	46.87 3.49 0.00	55.80 4.55 -1.96	46.13 3.90 0.00	44.54 3.34 0.00	44.60 2.99 0.02	38.77 1.97 0.00	36.75 1.65 0.00	33.17 1.23 0.00
NSINS_S___GLNS_FALLS 23858	39.89 3.02 0.00	40.70 3.09 0.00	39.74 2.89 0.00	35.08 2.52 0.00	32.97 2.43 0.00	40.57 3.11 0.00	62.28 4.73 0.00	52.94 4.30 0.00	48.72 3.76 0.00	44.17 2.92 0.00	44.96 2.70 0.00	51.28 3.23 0.00	44.36 2.82 0.00	43.32 2.47 0.00	41.25 2.37 0.00	42.01 2.64 0.00	46.29 2.90 0.00	53.28 4.00 0.00	46.28 4.05 0.00	45.12 3.92 0.00	46.01 4.37 0.00	40.51 3.71 0.00	38.36 3.26 0.00	34.69 2.76 0.00
NUCOR_STEEL___DRP 24197	37.21 0.33 0.00	37.71 0.10 0.00	36.93 0.09 0.00	32.60 0.03 0.00	30.41 -0.13 0.00	37.34 -0.12 0.00	57.66 0.11 0.00	48.77 0.13 0.00	45.02 0.07 0.00	41.21 -0.04 0.00	42.30 0.03 0.00	48.04 -0.02 0.00	41.70 0.15 0.00	40.97 0.12 0.00	39.09 0.21 0.00	39.63 0.27 0.00	43.70 0.31 0.00	49.62 0.35 0.00	42.45 0.22 0.00	41.39 0.19 0.00	41.83 0.19 0.00	36.92 0.12 0.00	35.17 0.07 0.00	31.79 -0.14 0.00
NUMBER_THREE_WT_PWR 323818	37.21 0.33 0.00	38.03 0.42 0.00	37.19 0.34 0.00	32.83 0.27 0.00	30.78 0.24 0.00	37.85 0.39 0.00	58.61 1.06 0.00	49.52 0.89 0.00	45.46 0.51 0.00	41.42 0.17 0.00	42.39 0.12 0.00	47.93 -0.12 0.00	41.35 -0.19 0.00	40.72 -0.13 0.00	38.75 -0.14 0.00	39.09 -0.27 0.00	43.33 -0.05 0.00	49.71 0.43 0.00	42.88 0.66 0.00	42.10 0.89 0.00	42.68 1.04 0.00	37.70 0.91 0.00	35.85 0.75 0.00	31.86 -0.07 0.00
NYISO_LBMP_REFERENCE 24008	36.87 0.00 0.00	37.61 0.00 0.00	36.85 0.00 0.00	32.56 0.00 0.00	30.54 0.00 0.00	37.46 0.00 0.00	57.55 0.00 0.00	48.64 0.00 0.00	44.95 0.00 0.00	41.26 0.00 0.00	42.26 0.00 0.00	48.05 0.00 0.00	41.54 0.00 0.00	40.85 0.00 0.00	38.89 0.00 0.00	39.37 0.00 0.00	43.38 0.00 0.00	49.28 0.00 0.00	42.22 0.00 0.00	41.20 0.00 0.00	41.64 0.00 0.00	36.79 0.00 0.00	35.10 0.00 0.00	31.93 0.00 0.00

NYPA_BRENTWD____GT 24164	106.69 3.18 -66.63	42.00 2.95 -1.44	39.50 2.65 0.00	35.78 2.40 -0.81	32.67 2.12 0.00	39.91 2.46 0.00	61.25 3.70 0.00	52.19 3.56 0.00	48.23 3.28 0.00	44.42 3.17 0.00	44.88 2.62 0.00	50.37 2.31 0.00	44.73 3.19 0.00	44.03 3.18 0.00	42.86 3.80 -0.18	43.05 3.69 0.00	47.20 3.82 0.00	55.52 4.28 -1.96	46.09 3.87 0.00	44.82 3.62 0.00	45.16 3.55 0.02	39.50 2.70 0.00	37.44 2.34 0.00	33.80 1.87 0.00
NYPA_GOWANUS____GT5 24156	50.98 2.80 -11.31	41.64 2.49 -1.55	42.92 2.26 -3.81	42.57 2.07 -7.93	42.26 1.94 -9.78	41.69 2.26 -1.97	61.10 3.51 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.28 3.02 0.00	51.45 3.40 0.00	114.60 3.47 -69.59	166.28 3.49 -121.95	67.39 3.62 -24.88	92.78 3.66 -49.75	80.22 3.95 -32.89	53.63 4.32 -0.03	45.61 3.39 0.00	44.27 3.07 0.00	44.66 3.04 0.02	39.46 2.67 0.00	38.95 2.26 -1.60	43.88 1.69 -10.26
NYPA_GOWANUS____GT6 24157	50.98 2.80 -11.31	41.64 2.49 -1.55	42.92 2.26 -3.81	42.57 2.07 -7.93	42.26 1.94 -9.78	41.69 2.26 -1.97	61.10 3.51 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	124.83 3.07 -80.50	45.28 3.02 0.00	51.45 3.40 0.00	114.60 3.47 -69.59	166.28 3.49 -121.95	67.39 3.62 -24.88	92.78 3.66 -49.75	80.22 3.95 -32.89	53.63 4.32 -0.03	45.61 3.39 0.00	44.27 3.07 0.00	44.66 3.04 0.02	39.46 2.67 0.00	38.95 2.26 -1.60	43.88 1.69 -10.26
NYPA_HARLEM__RVR__GT1 24160	39.58 2.70 0.00	39.97 2.36 0.00	38.99 2.14 0.00	34.47 1.91 0.00	32.34 1.80 0.00	39.52 2.06 0.00	60.83 3.28 0.00	51.75 3.12 0.00	47.99 3.04 0.00	44.00 2.74 -0.01	45.09 2.82 0.00	51.17 3.12 0.00	44.77 3.22 0.00	44.09 3.24 0.00	42.21 3.32 0.00	42.69 3.32 0.00	46.97 3.59 0.00	53.21 3.93 0.00	45.34 3.11 0.00	44.00 2.80 0.00	44.39 2.78 0.02	39.23 2.44 0.00	37.16 2.07 0.00	33.40 1.47 0.00
NYPA_HARLEM__RVR__GT2 24161	39.58 2.70 0.00	39.97 2.36 0.00	38.99 2.14 0.00	34.47 1.91 0.00	32.34 1.80 0.00	39.52 2.06 0.00	60.83 3.28 0.00	51.75 3.12 0.00	47.99 3.04 0.00	44.00 2.74 -0.01	45.09 2.82 0.00	51.17 3.12 0.00	44.77 3.22 0.00	44.09 3.24 0.00	42.21 3.32 0.00	42.69 3.32 0.00	46.97 3.59 0.00	53.21 3.93 0.00	45.34 3.11 0.00	44.00 2.80 0.00	44.39 2.78 0.02	39.23 2.44 0.00	37.16 2.07 0.00	33.40 1.47 0.00
NYPA_KENT____GT 24152	42.20 2.70 -2.62	40.90 2.40 -0.89	41.22 2.18 -2.19	39.18 2.00 -4.61	38.17 1.88 -5.74	40.81 2.19 -1.16	61.02 3.45 -0.02	51.93 3.30 0.00	48.16 3.21 0.00	47.70 2.98 -3.47	45.22 2.96 0.00	51.36 3.30 0.00	47.97 3.39 -3.03	51.64 3.40 -7.39	43.83 3.53 -1.41	53.87 3.57 -10.93	49.26 3.84 -2.04	53.49 4.21 0.00	45.52 3.30 0.00	44.18 2.98 0.00	44.56 2.94 0.02	39.36 2.57 0.00	39.67 2.17 -2.39	48.94 1.61 -15.39
NYPA_POUCH1____GT 24155	43.22 2.66 -3.69	41.50 2.34 -1.55	42.78 2.11 -3.81	42.46 1.96 -7.93	42.16 1.84 -9.78	41.56 2.14 -1.97	60.83 3.24 -0.03	51.73 3.10 0.00	45.83 3.06 2.18	40.54 2.93 3.64	43.90 2.79 1.16	50.57 3.16 0.64	41.71 3.26 3.09	42.60 3.28 1.53	41.84 3.45 0.50	57.00 3.49 -14.15	46.80 3.76 0.33	53.39 4.12 0.00	45.43 3.20 0.00	44.10 2.90 0.00	44.50 2.89 0.02	39.34 2.55 0.00	38.84 2.15 -1.60	43.81 1.61 -10.26
NYPA_VERNON____GT2 24162	40.24 2.63 -0.74	40.18 2.34 -0.23	39.53 2.11 -0.58	35.77 1.93 -1.28	34.06 1.82 -1.70	39.93 2.12 -0.36	60.93 3.37 -0.01	51.87 3.24 0.00	48.12 3.17 0.00	45.82 2.91 -1.66	45.19 2.93 0.00	51.30 3.25 0.00	46.33 3.35 -1.44	47.42 3.36 -3.22	42.98 3.47 -0.63	46.81 3.50 -3.94	48.04 3.78 -0.88	53.40 4.12 0.00	45.47 3.25 0.00	44.12 2.92 0.00	44.49 2.88 0.02	39.28 2.49 0.00	37.18 2.08 0.00	33.45 1.52 0.00
NYPA_VERNON____GT3 24163	40.24 2.63 -0.74	40.18 2.34 -0.23	39.53 2.11 -0.58	35.77 1.93 -1.28	34.06 1.82 -1.70	39.93 2.12 -0.36	60.93 3.37 -0.01	51.87 3.24 0.00	48.12 3.17 0.00	45.82 2.91 -1.66	45.19 2.93 0.00	51.30 3.25 0.00	46.33 3.35 -1.44	47.42 3.36 -3.22	42.98 3.47 -0.63	46.81 3.50 -3.94	48.04 3.78 -0.88	53.40 4.12 0.00	45.47 3.25 0.00	44.12 2.92 0.00	44.49 2.88 0.02	39.28 2.49 0.00	37.18 2.08 0.00	33.45 1.52 0.00
NYPA__ASTORIA_CC1 323568	39.47 2.59 0.00	39.91 2.30 0.00	38.91 2.06 0.00	34.44 1.88 0.00	32.32 1.77 0.00	39.52 2.06 0.00	60.81 3.26 0.00	51.79 3.15 0.00	48.04 3.09 0.00	44.09 2.83 -0.01	45.11 2.85 0.00	51.21 3.16 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.28 3.39 0.00	42.79 3.42 0.00	47.06 3.68 0.00	53.30 4.02 0.00	45.39 3.16 0.00	44.05 2.85 0.00	44.42 2.81 0.02	39.24 2.45 0.00	37.15 2.05 0.00	33.42 1.49 0.00
NYPA__ASTORIA_CC2 323569	39.47 2.59 0.00	39.91 2.30 0.00	38.91 2.06 0.00	34.44 1.88 0.00	32.32 1.77 0.00	39.52 2.06 0.00	60.81 3.26 0.00	51.79 3.15 0.00	48.04 3.09 0.00	44.09 2.83 -0.01	45.11 2.85 0.00	51.21 3.16 0.00	44.81 3.27 0.00	44.13 3.28 0.00	42.28 3.39 0.00	42.79 3.42 0.00	47.06 3.68 0.00	53.30 4.02 0.00	45.39 3.16 0.00	44.05 2.85 0.00	44.42 2.81 0.02	39.24 2.45 0.00	37.15 2.05 0.00	33.42 1.49 0.00
NYPA__HOLTSVILL 23794	106.21 2.70 -66.63	41.53 2.48 -1.44	39.03 2.18 0.00	35.32 1.95 -0.81	32.27 1.73 0.00	39.44 1.98 0.00	60.37 2.81 0.00	51.42 2.79 0.00	47.54 2.59 0.00	43.91 2.66 0.00	44.40 2.13 0.00	49.94 1.89 0.00	44.39 2.84 0.00	43.83 2.98 0.00	42.42 3.36 -0.18	42.55 3.18 0.00	46.81 3.43 0.00	55.31 4.07 -1.96	45.74 3.52 0.00	44.42 3.22 0.00	44.61 2.99 0.02	38.96 2.17 0.00	36.95 1.85 0.00	33.39 1.45 0.00
NYPA__HELLGATE_GT1 24158	39.58 2.70 0.00	39.97 2.36 0.00	38.96 2.11 0.00	34.47 1.91 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.88 3.33 0.00	51.77 3.13 0.00	47.99 3.04 0.00	44.00 2.74 -0.01	45.09 2.82 0.00	51.17 3.12 0.00	44.77 3.22 0.00	44.09 3.24 0.00	42.21 3.32 0.00	42.69 3.32 0.00	46.97 3.59 0.00	53.21 3.93 0.00	45.34 3.11 0.00	44.00 2.80 0.00	44.39 2.78 0.02	39.23 2.44 0.00	37.16 2.07 0.00	33.40 1.47 0.00
NYPA__HELLGATE_GT2 24159	39.58 2.70 0.00	39.97 2.36 0.00	38.96 2.11 0.00	34.47 1.91 0.00	32.34 1.80 0.00	39.53 2.07 0.00	60.88 3.33 0.00	51.77 3.13 0.00	47.99 3.04 0.00	44.00 2.74 -0.01	45.09 2.82 0.00	51.17 3.12 0.00	44.77 3.22 0.00	44.09 3.24 0.00	42.21 3.32 0.00	42.69 3.32 0.00	46.97 3.59 0.00	53.21 3.93 0.00	45.34 3.11 0.00	44.00 2.80 0.00	44.39 2.78 0.02	39.23 2.44 0.00	37.16 2.07 0.00	33.40 1.47 0.00
NYS_BARGE__HYD 23848	35.60 -1.27 0.00	35.67 -1.93 0.01	34.96 -1.89 0.00	30.86 -1.71 0.00	28.80 -1.74 0.00	35.68 -1.78 0.00	55.33 -2.22 0.00	46.46 -2.17 0.00	43.04 -1.91 0.00	39.51 -1.74 0.00	40.92 -1.34 0.00	46.35 -1.70 0.00	40.36 -1.18 0.00	39.90 -0.95 0.00	37.29 -1.59 0.00	37.74 -1.62 0.00	41.18 -2.20 0.00	46.38 -2.90 0.00	39.66 -2.56 0.00	38.38 -2.82 0.00	38.07 -2.92 0.65	34.52 -2.27 0.00	33.40 -1.70 0.00	30.20 -1.74 0.00

OAK ORCHARD___HYD 24046	36.31 -0.56 0.00	36.59 -1.02 0.01	35.80 -1.05 0.00	31.62 -0.94 0.00	29.57 -0.97 0.00	36.51 -0.95 0.00	56.51 -1.05 0.00	47.71 -0.93 0.00	44.16 -0.80 0.00	40.58 -0.67 0.00	41.86 -0.40 0.00	47.51 -0.54 0.00	41.27 -0.27 0.00	40.76 -0.09 0.00	38.42 -0.47 0.00	38.93 -0.43 0.00	42.68 -0.70 0.00	48.27 -1.01 0.00	41.32 -0.90 0.00	40.15 -1.05 0.00	40.60 -1.12 -0.09	35.92 -0.87 0.00	34.45 -0.65 0.00	31.15 -0.79 0.00
OAKDALE___35_KV_LOAD 356122	37.11 0.24 0.00	37.53 -0.08 0.00	36.74 -0.11 0.00	32.46 -0.11 0.00	30.43 -0.11 0.00	37.43 -0.03 0.00	57.93 0.38 0.00	49.03 0.40 0.00	45.39 0.44 0.00	41.63 0.37 0.00	42.71 0.45 0.00	48.51 0.46 0.00	42.14 0.60 0.00	41.59 0.75 0.00	39.56 0.67 0.00	40.17 0.80 0.00	44.19 0.81 0.00	50.13 0.85 0.00	42.84 0.61 0.00	41.60 0.40 0.00	41.79 0.34 0.19	37.01 0.22 0.00	35.22 0.12 0.00	31.78 -0.15 0.00
OCC_CHEM___DRP 24175	34.81 -2.06 0.00	34.93 -2.68 0.01	34.22 -2.63 0.00	30.23 -2.33 0.00	28.21 -2.33 0.00	34.91 -2.55 0.00	54.08 -3.47 0.00	45.33 -3.31 0.00	42.03 -2.92 0.00	38.68 -2.58 0.00	40.03 -2.23 0.00	45.27 -2.78 0.00	39.38 -2.16 0.00	38.94 -1.91 0.00	36.36 -2.52 0.00	36.80 -2.56 0.00	40.10 -3.28 0.00	45.10 -4.19 -0.01	38.54 -3.69 0.00	37.31 -3.89 0.00	36.74 -4.00 0.89	33.62 -3.18 0.00	32.60 -2.50 0.00	29.52 -2.41 0.00
OH_GEN_PROXY 24063	34.96 -1.77 0.14	35.22 -2.39 0.01	34.51 -2.33 0.00	30.49 -2.07 0.00	28.46 -2.09 0.00	35.21 -2.24 0.00	54.55 -3.00 0.00	45.84 -2.80 0.00	42.44 -2.51 0.00	39.01 -2.25 0.00	40.35 -1.91 0.00	45.70 -2.35 0.00	37.88 -1.81 1.85	39.27 -1.58 0.00	36.75 -2.13 0.00	37.23 -2.14 0.00	40.66 -2.72 0.00	45.77 -3.50 0.00	39.13 -3.09 0.00	37.88 -3.33 0.00	37.19 -3.45 1.00	34.06 -2.74 0.00	32.95 -2.15 0.00	29.81 -2.12 0.00
OLIN_CORP_DRP 24177	35.01 -1.86 0.00	35.11 -2.50 0.01	34.40 -2.45 0.00	30.38 -2.18 0.00	28.36 -2.19 0.00	35.13 -2.33 0.00	54.40 -3.15 0.00	45.63 -3.01 0.00	42.27 -2.68 0.00	38.86 -2.40 0.00	40.22 -2.05 0.00	45.50 -2.55 0.00	39.59 -1.95 0.00	39.13 -1.72 0.00	36.56 -2.33 0.00	37.00 -2.37 0.00	40.36 -3.02 0.00	45.43 -3.85 -0.01	38.83 -3.40 0.00	37.58 -3.62 0.00	37.11 -3.72 0.81	33.86 -2.93 0.00	32.82 -2.29 0.00	29.71 -2.23 0.00
OLIN_CORP_DSASP 323712	34.82 -2.06 0.00	34.93 -2.67 0.01	34.23 -2.62 0.00	30.24 -2.33 0.00	28.21 -2.34 0.00	34.91 -2.55 0.00	54.08 -3.47 0.00	45.33 -3.31 0.00	42.02 -2.94 0.00	38.62 -2.63 0.00	40.01 -2.25 0.00	45.28 -2.78 0.00	39.39 -2.15 0.00	38.94 -1.91 0.00	36.36 -2.53 0.00	36.80 -2.56 0.00	40.10 -3.29 0.00	45.09 -4.19 -0.01	38.55 -3.68 0.00	37.31 -3.89 0.00	36.73 -4.01 0.89	33.63 -3.17 0.00	32.60 -2.50 0.00	29.52 -2.41 0.00
ONEIDA_HERK_LFGE 323681	37.57 0.69 0.00	38.28 0.68 0.00	37.44 0.59 0.00	33.08 0.51 0.00	31.02 0.48 0.00	38.11 0.66 0.00	58.87 1.32 0.00	49.77 1.13 0.00	45.89 0.94 0.00	41.92 0.66 0.00	42.90 0.64 0.00	48.64 0.59 0.00	42.07 0.52 0.00	41.42 0.57 0.00	39.48 0.59 0.00	39.93 0.57 0.00	44.18 0.79 0.00	50.42 1.14 0.00	43.37 1.14 0.00	42.40 1.20 0.00	42.88 1.25 0.00	37.85 1.06 0.00	35.99 0.89 0.00	32.32 0.39 0.00
ONEIDA___115KV_TB4 55905	37.89 1.01 0.00	38.49 0.88 0.00	37.64 0.79 0.00	33.25 0.68 0.00	31.18 0.64 0.00	38.34 0.89 0.00	59.20 1.65 0.00	50.09 1.45 0.00	46.26 1.31 0.00	42.33 1.08 0.00	43.32 1.06 0.00	49.17 1.12 0.00	42.59 1.05 0.00	41.96 1.11 0.00	40.01 1.12 0.00	40.55 1.19 0.00	44.80 1.42 0.00	51.01 1.73 0.00	43.82 1.59 0.00	42.73 1.53 0.00	43.16 1.52 0.00	38.04 1.25 0.00	36.16 1.06 0.00	32.63 0.69 0.00
ONONDAGA_REF_OCCRA 23987	36.88 0.01 0.00	37.39 -0.22 0.00	36.58 -0.27 0.00	32.32 -0.24 0.00	30.30 -0.25 0.00	37.23 -0.23 0.00	57.46 -0.09 0.00	48.63 0.00 0.00	44.97 0.02 0.00	41.24 -0.02 0.00	42.32 0.05 0.00	48.13 0.08 0.00	41.74 0.20 0.00	41.15 0.30 0.00	39.19 0.31 0.00	39.70 0.34 0.00	43.70 0.32 0.00	49.65 0.37 0.00	42.51 0.28 0.00	41.41 0.21 0.00	41.83 0.19 0.00	36.91 0.12 0.00	35.13 0.03 0.00	31.79 -0.14 0.00
ONONDAGA___COGEN 23986	36.82 -0.05 0.00	37.36 -0.25 0.00	36.55 -0.30 0.00	32.30 -0.26 0.00	30.26 -0.28 0.00	37.18 -0.27 0.00	57.34 -0.21 0.00	48.53 -0.11 0.00	44.87 -0.08 0.00	41.13 -0.13 0.00	42.23 -0.03 0.00	48.01 -0.04 0.00	41.64 0.10 0.00	41.02 0.17 0.00	39.08 0.19 0.00	39.58 0.21 0.00	43.58 0.20 0.00	49.51 0.23 0.00	42.40 0.18 0.00	41.31 0.11 0.00	41.72 0.09 0.00	36.82 0.02 0.00	35.05 -0.05 0.00	31.73 -0.20 0.00
ONTARIO___LFGE 23819	37.07 0.20 0.00	37.35 -0.25 0.00	36.54 -0.31 0.00	32.30 -0.26 0.00	30.27 -0.27 0.00	37.31 -0.14 0.00	57.76 0.21 0.00	49.02 0.38 0.00	45.30 0.35 0.00	41.51 0.26 0.00	42.66 0.40 0.00	48.45 0.39 0.00	42.13 0.58 0.00	41.59 0.74 0.00	39.48 0.60 0.00	40.11 0.74 0.00	44.08 0.69 0.00	49.98 0.70 0.00	42.74 0.52 0.00	41.52 0.31 0.00	41.87 0.23 0.00	36.97 0.17 0.00	35.26 0.16 0.00	31.80 -0.14 0.00
ORANGEVILLE_WT_PWR 323706	36.14 -0.74 0.00	36.21 -1.40 0.00	35.47 -1.38 0.00	31.40 -1.17 0.00	29.34 -1.20 0.00	36.30 -1.16 0.00	56.34 -1.21 0.00	47.42 -1.22 0.00	43.95 -1.00 0.00	40.42 -0.84 0.00	41.73 -0.53 0.00	47.36 -0.69 0.00	41.19 -0.35 0.00	40.75 -0.10 0.00	38.28 -0.61 0.00	38.84 -0.52 0.00	42.48 -0.90 0.00	47.81 -1.47 0.00	40.89 -1.34 0.00	39.57 -1.63 0.00	39.25 -1.73 0.65	35.37 -1.42 0.00	33.98 -1.13 0.00	30.60 -1.34 0.00
ORANGEVILLE___ESR 323794	36.14 -0.74 0.00	36.21 -1.40 0.00	35.47 -1.38 0.00	31.40 -1.17 0.00	29.34 -1.20 0.00	36.30 -1.16 0.00	56.34 -1.21 0.00	47.42 -1.22 0.00	43.95 -1.00 0.00	40.42 -0.84 0.00	41.73 -0.53 0.00	47.36 -0.69 0.00	41.19 -0.35 0.00	40.75 -0.10 0.00	38.28 -0.61 0.00	38.84 -0.52 0.00	42.48 -0.90 0.00	47.81 -1.47 0.00	40.89 -1.34 0.00	39.57 -1.63 0.00	39.25 -1.73 0.65	35.37 -1.42 0.00	33.98 -1.13 0.00	30.60 -1.34 0.00
OSWEGATCHIE___HYD 24044	36.54 -0.33 0.00	37.39 -0.22 0.00	36.61 -0.24 0.00	32.34 -0.22 0.00	30.33 -0.22 0.00	37.25 -0.21 0.00	57.58 0.03 0.00	48.47 -0.17 0.00	44.42 -0.53 0.00	40.42 -0.83 0.00	41.36 -0.90 0.00	46.91 -1.14 0.00	40.37 -1.17 0.00	39.64 -1.21 0.00	37.60 -1.28 0.00	37.94 -1.42 0.00	42.07 -1.31 0.00	48.19 -1.09 0.00	41.55 -0.67 0.00	40.85 -0.35 0.00	41.39 -0.25 0.00	36.68 -0.11 0.00	35.07 -0.03 0.00	31.58 -0.36 0.00
OSWEGO___5 23606	36.12 -0.75 0.00	36.72 -0.91 -0.02	35.92 -0.93 0.00	31.75 -0.82 0.00	29.75 -0.79 0.00	36.54 -0.92 0.00	56.28 -1.27 0.00	47.61 -1.02 0.00	44.02 -0.93 0.00	40.36 -0.90 0.00	41.40 -0.86 0.00	47.06 -0.99 0.00	40.79 -0.75 0.00	40.16 -0.68 0.00	38.23 -0.66 0.00	38.71 -0.65 0.00	42.62 -0.76 0.00	48.39 -0.88 0.00	41.46 -0.76 0.00	40.41 -0.79 0.00	40.84 -0.80 0.00	36.08 -0.71 0.00	34.38 -0.72 0.00	31.19 -0.75 0.00

OSWEGO___6 23613	36.12 -0.75 0.00	36.72 -0.91 -0.02	35.92 -0.93 0.00	31.75 -0.82 0.00	29.75 -0.79 0.00	36.54 -0.92 0.00	56.28 -1.27 0.00	47.61 -1.02 0.00	44.02 -0.93 0.00	40.36 -0.90 0.00	41.40 -0.86 0.00	47.06 -0.99 0.00	40.79 -0.75 0.00	40.16 -0.68 0.00	38.23 -0.66 0.00	38.71 -0.65 0.00	42.62 -0.76 0.00	48.39 -0.88 0.00	41.46 -0.76 0.00	40.41 -0.79 0.00	40.84 -0.80 0.00	36.08 -0.71 0.00	34.38 -0.72 0.00	31.19 -0.75 0.00
OUTOKUMPU-AB___DRP 24206	35.82 -1.05 0.00	35.90 -1.70 0.01	35.14 -1.71 0.00	31.01 -1.56 0.00	28.96 -1.58 0.00	35.86 -1.60 0.00	55.62 -1.94 0.00	46.70 -1.94 0.00	43.33 -1.62 0.00	39.86 -1.39 0.00	41.30 -0.96 0.00	46.78 -1.28 0.00	40.74 -0.81 0.00	40.28 -0.57 0.00	37.66 -1.23 0.00	38.09 -1.28 0.00	41.57 -1.82 0.00	46.80 -2.49 -0.01	40.01 -2.21 0.00	38.66 -2.54 0.00	38.20 -2.65 0.79	34.71 -2.08 0.00	33.57 -1.53 0.00	30.33 -1.61 0.00
OXBOW___BTM 323836	35.35 -1.53 0.00	35.43 -2.17 0.01	34.70 -2.15 0.00	30.63 -1.93 0.00	28.58 -1.96 0.00	35.39 -2.07 0.00	54.88 -2.67 0.00	46.04 -2.60 0.00	42.69 -2.26 0.00	39.26 -2.00 0.00	40.69 -1.57 0.00	46.07 -1.98 0.00	40.11 -1.43 0.00	39.66 -1.19 0.00	37.06 -1.83 0.00	37.47 -1.90 0.00	40.88 -2.51 0.00	46.00 -3.28 -0.01	39.33 -2.90 0.00	38.03 -3.18 0.00	37.50 -3.29 0.84	34.20 -2.60 0.00	33.10 -2.00 0.00	29.94 -2.00 0.00
OXBOW____ 24026	35.34 -1.53 0.00	35.43 -2.17 0.01	34.69 -2.16 0.00	30.63 -1.94 0.00	28.59 -1.95 0.00	35.39 -2.07 0.00	54.88 -2.67 0.00	46.04 -2.60 0.00	42.71 -2.25 0.00	39.30 -1.96 0.00	40.70 -1.56 0.00	46.07 -1.98 0.00	40.10 -1.44 0.00	39.66 -1.18 0.00	37.07 -1.82 0.00	37.47 -1.89 0.00	40.88 -2.51 0.00	46.01 -3.27 -0.01	39.32 -2.91 0.00	38.03 -3.17 0.00	37.51 -3.29 0.84	34.20 -2.59 0.00	33.10 -2.00 0.00	29.94 -2.00 0.00
OXY_CHEM_DSASP 323612	34.81 -2.06 0.00	34.93 -2.68 0.01	34.22 -2.63 0.00	30.23 -2.33 0.00	28.21 -2.33 0.00	34.91 -2.55 0.00	54.08 -3.47 0.00	45.33 -3.31 0.00	42.03 -2.92 0.00	38.68 -2.58 0.00	40.03 -2.23 0.00	45.27 -2.78 0.00	39.38 -2.16 0.00	38.94 -1.91 0.00	36.36 -2.52 0.00	36.80 -2.56 0.00	40.10 -3.28 0.00	45.10 -4.19 -0.01	38.54 -3.69 0.00	37.31 -3.89 0.00	36.74 -4.00 0.89	33.62 -3.18 0.00	32.60 -2.50 0.00	29.52 -2.41 0.00
OZONE_PARK_ESR 323760	39.91 3.04 0.00	40.38 2.77 0.00	39.32 2.47 0.00	34.80 2.24 0.00	32.62 2.08 0.00	39.85 2.39 0.00	61.37 3.82 0.00	52.25 3.61 0.00	48.46 3.51 0.00	44.46 3.20 0.00	45.55 3.28 0.00	51.73 3.68 0.00	45.25 3.70 0.00	44.56 3.71 0.00	42.68 3.79 0.00	43.20 3.84 0.00	47.55 4.17 0.00	53.86 4.58 0.00	45.85 3.62 0.00	44.50 3.30 0.00	44.85 3.24 0.02	39.62 2.83 0.00	37.50 2.40 0.00	33.74 1.81 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	34.81 -2.06 0.00	34.93 -2.68 0.01	34.22 -2.63 0.00	30.23 -2.33 0.00	28.21 -2.33 0.00	34.91 -2.55 0.00	54.08 -3.47 0.00	45.33 -3.31 0.00	42.03 -2.92 0.00	38.68 -2.58 0.00	40.03 -2.23 0.00	45.27 -2.78 0.00	39.38 -2.16 0.00	38.94 -1.91 0.00	36.36 -2.52 0.00	36.80 -2.56 0.00	40.10 -3.28 0.00	45.10 -4.19 -0.01	38.54 -3.69 0.00	37.31 -3.89 0.00	36.74 -4.00 0.89	33.62 -3.18 0.00	32.60 -2.50 0.00	29.52 -2.41 0.00
PACKARD__115KV_DUPONT_184 80571	34.81 -2.06 0.00	34.93 -2.68 0.01	34.22 -2.63 0.00	30.23 -2.33 0.00	28.21 -2.33 0.00	34.91 -2.55 0.00	54.08 -3.47 0.00	45.33 -3.31 0.00	42.03 -2.92 0.00	38.68 -2.58 0.00	40.03 -2.23 0.00	45.27 -2.78 0.00	39.38 -2.16 0.00	38.94 -1.91 0.00	36.36 -2.52 0.00	36.80 -2.56 0.00	40.10 -3.28 0.00	45.10 -4.19 -0.01	38.54 -3.69 0.00	37.31 -3.89 0.00	36.74 -4.00 0.89	33.62 -3.18 0.00	32.60 -2.50 0.00	29.52 -2.41 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	39.51 2.64 0.00	39.93 2.32 0.00	38.91 2.06 0.00	34.47 1.91 0.00	32.33 1.78 0.00	39.54 2.08 0.00	60.89 3.34 0.00	51.82 3.18 0.00	48.03 3.08 0.00	44.02 2.76 -0.01	45.10 2.84 0.00	51.18 3.12 0.00	44.77 3.23 0.00	44.09 3.24 0.00	42.21 3.32 0.00	42.70 3.33 0.00	46.96 3.58 0.00	53.21 3.93 0.00	45.37 3.14 0.00	44.05 2.85 0.00	44.46 2.84 0.02	39.26 2.47 0.00	37.17 2.07 0.00	33.43 1.50 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	39.96 3.09 0.00	40.44 2.83 0.00	39.29 2.44 0.00	34.83 2.26 0.00	32.69 2.14 0.00	39.99 2.53 0.00	61.51 3.96 0.00	52.33 3.69 0.00	48.40 3.44 0.00	44.28 3.02 -0.01	45.40 3.13 0.00	51.37 3.32 0.00	44.99 3.44 0.00	44.27 3.42 0.00	42.38 3.49 0.00	42.85 3.49 0.00	46.97 3.59 0.00	53.22 3.93 0.00	45.37 3.14 0.00	44.05 2.85 0.00	44.47 2.86 0.02	39.27 2.48 0.00	37.30 2.20 0.00	33.55 1.61 0.00
PATROON__115KV_TB1 80586	37.50 0.62 0.00	38.23 0.62 0.00	37.38 0.53 0.00	33.06 0.49 0.00	31.07 0.53 0.00	38.05 0.59 0.00	58.38 0.83 0.00	49.57 0.93 0.00	45.87 0.91 0.00	41.93 0.67 0.00	42.96 0.69 0.00	48.80 0.75 0.00	42.36 0.82 0.00	41.65 0.80 0.00	39.68 0.79 0.00	40.12 0.75 0.00	44.16 0.78 0.00	50.42 1.14 0.00	43.20 0.97 0.00	42.16 0.96 0.00	42.72 1.08 0.00	37.72 0.93 0.00	36.00 0.90 0.00	32.59 0.66 0.00
PATTRSNVILLE___SOLAR 323815	38.24 1.37 0.00	38.91 1.31 0.00	38.07 1.22 0.00	33.64 1.07 0.00	31.55 1.01 0.00	38.70 1.24 0.00	59.54 1.99 0.00	50.41 1.77 0.00	46.24 1.29 0.00	42.13 0.88 0.00	43.05 0.79 0.00	48.94 0.88 0.00	42.51 0.97 0.00	41.73 0.88 0.00	39.87 0.98 0.00	40.53 1.16 0.00	44.70 1.31 0.00	50.95 1.67 0.00	43.88 1.66 0.00	42.85 1.65 0.00	43.37 1.73 0.00	38.28 1.48 0.00	36.36 1.25 0.00	32.93 1.00 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	36.29 -0.59 0.00	36.35 -1.26 0.00	35.58 -1.27 0.00	31.44 -1.12 0.00	29.37 -1.17 0.00	36.34 -1.11 0.00	56.51 -1.04 0.00	47.55 -1.08 0.00	44.09 -0.86 0.00	40.57 -0.68 0.00	41.93 -0.33 0.00	47.58 -0.47 0.00	41.34 -0.20 0.00	40.91 0.06 0.00	38.40 -0.49 0.00	38.94 -0.42 0.00	42.58 -0.80 0.00	47.93 -1.36 -0.01	40.94 -1.29 0.00	39.38 -1.82 0.00	38.97 -1.89 0.77	35.25 -1.54 0.00	33.95 -1.15 0.00	30.60 -1.33 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	39.39 2.52 0.00	39.90 2.29 0.00	38.89 2.05 0.00	34.37 1.81 0.00	32.23 1.69 0.00	39.44 1.98 0.00	60.77 3.22 0.00	51.76 3.12 0.00	47.99 3.04 0.00	43.99 2.73 0.00	45.05 2.78 0.00	51.16 3.10 0.00	44.70 3.16 0.00	44.00 3.15 0.00	42.09 3.20 0.00	42.59 3.23 0.00	46.90 3.51 0.00	53.26 3.98 0.00	45.45 3.23 0.00	44.16 2.96 0.00	44.54 2.92 0.02	39.25 2.46 0.00	37.16 2.06 0.00	33.45 1.51 0.00
PEEKSKILL____ 23653	38.98 2.11 0.00	39.51 1.91 0.00	38.52 1.67 0.00	34.06 1.50 0.00	31.95 1.41 0.00	39.07 1.61 0.00	60.15 2.61 0.00	51.26 2.62 0.00	47.53 2.57 0.00	43.57 2.32 0.00	44.63 2.36 0.00	50.66 2.61 0.00	44.26 2.72 0.00	43.59 2.74 0.00	41.72 2.84 0.00	42.25 2.88 0.00	46.51 3.12 0.00	52.78 3.50 0.00	45.00 2.77 0.00	43.70 2.50 0.00	44.08 2.46 0.02	38.86 2.06 0.00	36.80 1.70 0.00	33.12 1.19 0.00

PGE MADISON___WINDPWR 24146	39.92 3.04 0.00	40.28 2.67 0.00	39.43 2.58 0.00	34.81 2.24 0.00	32.66 2.12 0.00	40.31 2.85 0.00	62.64 5.09 0.00	53.13 4.49 0.00	49.03 4.08 0.00	44.75 3.49 0.00	45.74 3.48 0.00	51.93 3.88 0.00	45.11 3.56 0.00	44.65 3.80 0.00	42.44 3.56 0.00	42.84 3.47 0.00	47.45 4.06 0.00	54.11 4.84 0.00	46.55 4.32 0.00	45.15 3.95 0.00	45.22 3.72 0.13	39.82 3.03 0.00	37.42 2.33 0.00	33.67 1.73 0.00
PIERCEFIELD___HYD 23852	36.21 -0.66 0.00	37.11 -0.50 0.00	36.41 -0.44 0.00	32.18 -0.38 0.00	30.19 -0.35 0.00	37.04 -0.42 0.00	57.03 -0.52 0.00	47.85 -0.79 0.00	43.86 -1.09 0.00	39.90 -1.36 0.00	40.81 -1.45 0.00	46.42 -1.64 0.00	39.80 -1.75 0.00	39.01 -1.84 0.00	36.94 -1.95 0.00	37.26 -2.10 0.00	41.32 -2.07 0.00	47.15 -2.13 0.00	40.61 -1.61 0.00	39.89 -1.31 0.00	40.33 -1.31 0.00	35.90 -0.89 0.00	34.57 -0.53 0.00	31.53 -0.40 0.00
PINELAWN_CC_1 323563	106.66 3.15 -66.63	42.00 2.95 -1.44	39.49 2.64 0.00	35.74 2.37 -0.81	32.65 2.11 0.00	39.90 2.45 0.00	61.21 3.66 0.00	52.14 3.50 0.00	48.20 3.25 0.00	44.32 3.06 0.00	44.97 2.70 0.00	50.68 2.63 0.00	44.92 3.38 0.00	44.05 3.20 0.00	42.55 3.48 -0.18	42.70 3.34 0.00	46.72 3.34 0.00	54.96 3.72 -1.96	45.46 3.24 0.00	44.33 3.13 0.00	44.67 3.05 0.02	39.45 2.66 0.00	37.41 2.31 0.00	33.76 1.82 0.00
PJM_GEN_HTP_PROXY 323702	39.29 2.41 0.00	39.79 2.18 0.00	36.58 1.92 2.19	34.31 1.74 0.00	32.17 1.63 0.00	39.30 1.84 0.00	60.75 2.96 -0.24	59.95 2.90 -8.41	47.83 2.88 0.00	43.88 2.63 0.00	49.58 2.69 -4.63	56.45 2.98 -5.41	39.81 3.10 4.84	43.96 3.11 0.00	42.10 3.22 0.00	42.62 3.26 0.00	46.92 3.53 0.00	53.15 3.87 0.00	45.27 3.04 0.00	43.92 2.71 0.00	44.27 2.65 0.02	39.10 2.30 0.00	37.02 1.92 0.00	33.32 1.39 0.00
PJM_GEN_KEystone 24065	39.67 0.47 -2.33	27.80 0.07 9.88	34.61 -0.05 2.19	26.19 -0.03 6.35	23.48 -0.05 7.02	36.79 0.00 0.67	58.21 0.47 -0.19	61.30 0.62 -12.04	45.50 0.72 0.18	41.88 0.66 0.03	47.66 0.78 -4.61	54.30 0.84 -5.41	37.75 1.04 4.84	42.03 1.19 0.00	39.96 1.07 0.00	40.57 1.21 0.00	44.63 1.25 0.00	50.51 1.23 0.00	43.03 0.81 0.00	41.69 0.49 0.00	41.72 0.40 0.32	37.08 0.28 0.00	35.68 0.22 -0.36	31.20 -0.17 0.56
PJM_GEN_NEPTUNE_PROXY 323594	75.29 2.60 -35.82	40.79 2.41 -0.78	36.79 2.13 2.19	34.93 1.94 -0.43	32.29 1.74 0.00	39.46 2.00 0.00	60.71 2.92 -0.24	59.86 2.81 -8.41	47.68 2.73 0.00	43.86 2.60 0.00	49.25 2.35 -4.63	55.82 2.35 -5.41	39.69 2.98 4.84	43.94 3.09 0.00	42.46 3.40 -0.18	42.69 3.33 0.00	46.87 3.49 0.00	54.69 3.90 -1.51	45.53 3.30 0.00	44.22 3.02 0.00	44.44 2.83 0.02	39.06 2.26 0.00	37.04 1.94 0.00	33.40 1.47 0.00
PJM_GEN_VFT_PROXY 323633	39.08 2.21 0.00	39.58 1.97 0.00	36.37 1.72 2.19	34.14 1.58 0.00	32.03 1.49 0.00	39.11 1.66 0.00	59.68 2.66 0.53	56.91 2.65 -5.62	45.02 2.63 2.56	43.23 2.41 0.44	49.13 2.45 -4.42	56.20 2.74 -5.41	39.62 2.91 4.84	43.77 2.92 0.00	41.94 3.05 0.00	42.48 3.11 0.00	46.76 3.38 0.00	52.97 3.69 0.00	45.10 2.88 0.00	43.78 2.57 0.00	44.15 2.53 0.02	38.98 2.18 0.00	36.90 1.80 0.00	33.20 1.27 0.00
PLATSBURG_115KV_PMLD1 355749	37.83 0.96 0.00	38.86 1.25 0.00	38.12 1.27 0.00	33.85 1.28 0.00	31.84 1.29 0.00	39.00 1.54 0.00	59.74 2.19 0.00	50.82 2.18 0.00	46.61 1.66 0.00	42.48 1.22 0.00	43.64 1.38 0.00	49.63 1.58 0.00	42.50 0.96 0.00	41.68 0.83 0.00	39.53 0.64 0.00	40.29 0.92 0.00	44.45 1.07 0.00	50.84 1.56 0.00	43.64 1.42 0.00	41.85 0.65 0.00	41.78 0.14 0.00	36.84 0.04 0.00	35.32 0.22 0.00	32.35 0.41 0.00
PLEASANTVLY___LBMP 24000	38.64 1.76 0.00	39.22 1.61 0.00	38.27 1.42 0.00	33.84 1.27 0.00	31.75 1.21 0.00	38.83 1.37 0.00	59.77 2.22 0.00	50.90 2.26 0.00	47.16 2.21 0.00	43.16 1.91 0.00	44.20 1.93 0.00	50.20 2.15 0.00	43.80 2.25 0.00	43.07 2.23 0.00	41.18 2.29 0.00	41.69 2.32 0.00	45.87 2.49 0.00	52.12 2.84 0.00	44.51 2.29 0.00	43.28 2.08 0.00	43.71 2.09 0.02	38.57 1.78 0.00	36.53 1.43 0.00	32.94 1.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.09 2.21 0.00	39.63 2.02 0.00	38.63 1.78 0.00	34.17 1.60 0.00	32.05 1.51 0.00	39.16 1.71 0.00	60.34 2.79 0.00	51.37 2.73 0.00	47.61 2.66 0.00	43.64 2.39 0.00	44.68 2.41 0.00	50.76 2.70 0.00	44.36 2.82 0.00	43.67 2.82 0.00	41.79 2.90 0.00	42.30 2.93 0.00	46.55 3.17 0.00	52.83 3.54 0.00	45.06 2.83 0.00	43.77 2.57 0.00	44.15 2.53 0.02	38.93 2.14 0.00	36.88 1.78 0.00	33.21 1.27 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.09 2.21 0.00	39.63 2.02 0.00	38.63 1.78 0.00	34.17 1.60 0.00	32.05 1.51 0.00	39.16 1.71 0.00	60.34 2.79 0.00	51.37 2.73 0.00	47.61 2.66 0.00	43.64 2.39 0.00	44.68 2.41 0.00	50.76 2.70 0.00	44.36 2.82 0.00	43.67 2.82 0.00	41.79 2.90 0.00	42.30 2.93 0.00	46.55 3.17 0.00	52.83 3.54 0.00	45.06 2.83 0.00	43.77 2.57 0.00	44.15 2.53 0.02	38.93 2.14 0.00	36.88 1.78 0.00	33.21 1.27 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	39.03 2.16 0.00	39.57 1.96 0.00	38.58 1.73 0.00	34.13 1.56 0.00	32.01 1.47 0.00	39.17 1.72 0.00	60.35 2.80 0.00	51.42 2.78 0.00	47.65 2.70 0.00	43.60 2.35 0.00	44.64 2.37 0.00	50.70 2.65 0.00	44.26 2.72 0.00	43.54 2.69 0.00	41.66 2.77 0.00	42.21 2.84 0.00	46.41 3.03 0.00	52.74 3.46 0.00	45.06 2.83 0.00	43.79 2.59 0.00	44.19 2.58 0.02	38.98 2.18 0.00	36.90 1.80 0.00	33.23 1.29 0.00
POLETTI___ 23519	39.25 2.37 0.00	39.75 2.14 0.00	38.72 1.88 0.00	34.29 1.72 0.00	32.16 1.62 0.00	39.28 1.83 0.00	60.46 2.91 0.00	51.49 2.85 0.00	47.77 2.82 0.00	43.83 2.58 0.00	44.89 2.63 0.00	50.98 2.93 0.00	44.59 3.05 0.00	43.92 3.07 0.00	42.06 3.18 0.00	42.58 3.21 0.00	46.86 3.47 0.00	53.10 3.82 0.00	45.21 2.99 0.00	43.87 2.67 0.00	44.24 2.62 0.02	39.07 2.28 0.00	36.99 1.89 0.00	33.29 1.36 0.00
POMONA___ESR 323819	38.95 2.08 0.00	39.49 1.88 0.00	38.51 1.66 0.00	34.06 1.50 0.00	31.95 1.41 0.00	39.06 1.61 0.00	60.17 2.62 0.00	51.31 2.67 0.00	47.57 2.62 0.00	43.63 2.37 0.00	44.70 2.44 0.00	50.76 2.71 0.00	44.34 2.80 0.00	43.67 2.82 0.00	41.81 2.92 0.00	42.35 2.99 0.00	46.65 3.27 0.00	52.93 3.65 0.00	45.10 2.87 0.00	43.78 2.58 0.00	44.16 2.55 0.02	38.89 2.10 0.00	36.82 1.72 0.00	33.13 1.20 0.00
PORT_JEFF_3 23555	106.30 2.79 -66.63	41.60 2.55 -1.44	39.10 2.25 0.00	35.38 2.01 -0.81	32.31 1.77 0.00	39.49 2.03 0.00	60.47 2.92 0.00	51.49 2.85 0.00	47.61 2.66 0.00	43.97 2.71 0.00	44.35 2.09 0.00	49.76 1.71 0.00	44.33 2.79 0.00	43.80 2.95 0.00	42.39 3.33 -0.18	42.47 3.11 0.00	46.71 3.32 0.00	55.19 3.95 -1.96	45.61 3.39 0.00	44.37 3.17 0.00	44.54 2.92 0.02	38.91 2.11 0.00	36.90 1.80 0.00	33.41 1.48 0.00

PORT_JEFF_4 23616	106.30	41.60	39.10	35.38	32.31	39.49	60.47	51.49	47.61	43.97	44.35	49.76	44.33	43.80	42.39	42.47	46.71	55.19	45.61	44.37	44.54	38.91	36.90	33.41
	2.79	2.55	2.25	2.01	1.77	2.03	2.92	2.85	2.66	2.71	2.09	1.71	2.79	2.95	3.33	3.11	3.32	3.95	3.39	3.17	2.92	2.11	1.80	1.48
	-66.63	-1.44	0.00	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	-1.96	0.00	0.00	0.02	0.00	0.00	0.00
PORT_JEFF_IC 23713	106.38	41.68	39.17	35.43	32.35	39.53	60.53	51.55	47.71	44.04	44.40	49.74	44.48	43.96	42.52	42.52	46.70	55.21	45.65	44.53	44.69	39.01	36.98	33.45
	2.87	2.62	2.32	2.06	1.81	2.07	2.99	2.91	2.76	2.78	2.14	1.68	2.94	3.11	3.46	3.15	3.32	3.97	3.43	3.33	3.07	2.22	1.88	1.52
	-66.63	-1.44	0.00	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	-1.96	0.00	0.00	0.02	0.00	0.00	0.00
PPL_PILGRIM_ST_GT1 24216	106.69	42.00	39.50	35.78	32.67	39.91	61.25	52.19	48.23	44.42	44.88	50.37	44.73	44.03	42.86	43.05	47.20	55.52	46.09	44.82	45.16	39.50	37.44	33.80
	3.18	2.95	2.65	2.40	2.12	2.46	3.70	3.56	3.28	3.17	2.62	2.31	3.19	3.18	3.80	3.69	3.82	4.28	3.87	3.62	3.55	2.70	2.34	1.87
	-66.63	-1.44	0.00	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	-1.96	0.00	0.00	0.02	0.00	0.00	0.00
PPL_PILGRIM_ST_GT2 24217	106.69	42.00	39.50	35.78	32.67	39.91	61.25	52.19	48.23	44.42	44.88	50.37	44.73	44.03	42.86	43.05	47.20	55.52	46.09	44.82	45.16	39.50	37.44	33.80
	3.18	2.95	2.65	2.40	2.12	2.46	3.70	3.56	3.28	3.17	2.62	2.31	3.19	3.18	3.80	3.69	3.82	4.28	3.87	3.62	3.55	2.70	2.34	1.87
	-66.63	-1.44	0.00	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	-1.96	0.00	0.00	0.02	0.00	0.00	0.00
PPL_SHRM_GT3 24213	106.07	41.34	38.80	35.09	32.04	39.18	59.89	50.91	46.47	43.77	44.25	49.72	44.22	43.67	42.26	42.40	46.90	55.80	46.15	44.54	44.62	38.78	36.75	33.17
	2.56	2.29	1.95	1.71	1.50	1.72	2.34	2.27	1.52	2.51	1.98	1.66	2.67	2.82	3.19	3.03	3.52	4.56	3.93	3.34	3.00	1.99	1.65	1.24
	-66.63	-1.44	0.00	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	-1.96	0.00	0.00	0.02	0.00	0.00	0.00
PPL_SHRM_GT4 24214	106.07	41.34	38.80	35.09	32.04	39.18	59.89	50.91	46.47	43.77	44.25	49.72	44.22	43.67	42.26	42.40	46.90	55.80	46.15	44.54	44.62	38.78	36.75	33.17
	2.56	2.29	1.95	1.71	1.50	1.72	2.34	2.27	1.52	2.51	1.98	1.66	2.67	2.82	3.19	3.03	3.52	4.56	3.93	3.34	3.00	1.99	1.65	1.24
	-66.63	-1.44	0.00	-0.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.18	0.00	0.00	-1.96	0.00	0.00	0.02	0.00	0.00	0.00
PROJECT___ORANGE 1 24174	36.64	37.16	36.35	32.13	30.11	37.01	57.08	48.31	44.70	41.01	42.11	47.87	41.52	40.92	38.96	39.46	43.41	49.31	42.21	41.11	41.53	36.66	34.90	31.60
	-0.23	-0.44	-0.50	-0.44	-0.43	-0.45	-0.47	-0.32	-0.25	-0.25	-0.16	-0.18	-0.03	0.07	0.07	0.10	0.03	0.03	-0.02	-0.09	-0.11	-0.13	-0.19	-0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PROJECT___ORANGE 2 24166	36.64	37.16	36.35	32.13	30.11	37.01	57.08	48.31	44.70	41.01	42.11	47.87	41.52	40.92	38.96	39.46	43.41	49.31	42.21	41.11	41.53	36.66	34.90	31.60
	-0.23	-0.44	-0.50	-0.44	-0.43	-0.45	-0.47	-0.32	-0.25	-0.25	-0.16	-0.18	-0.03	0.07	0.07	0.10	0.03	0.03	-0.02	-0.09	-0.11	-0.13	-0.19	-0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PUCKETT___SOLAR 323809	37.79	38.19	37.38	33.03	30.96	38.11	59.05	49.98	46.24	42.34	43.34	49.14	42.84	42.34	40.22	40.70	44.87	51.02	43.69	42.42	42.53	37.61	35.62	32.14
	0.91	0.58	0.53	0.47	0.41	0.65	1.50	1.35	1.29	1.09	1.08	1.09	1.30	1.49	1.33	1.34	1.49	1.74	1.47	1.22	1.06	0.82	0.52	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00
PYRITES___HYD 24023	37.05	37.93	37.20	32.89	30.85	37.89	58.36	48.85	44.61	40.57	41.46	47.19	40.45	39.63	37.54	37.90	42.04	47.98	41.45	41.00	41.47	36.84	35.44	32.37
	0.17	0.32	0.35	0.33	0.31	0.43	0.81	0.22	-0.34	-0.69	-0.81	-0.86	-1.10	-1.23	-1.35	-1.46	-1.34	-1.29	-0.78	-0.20	-0.17	0.04	0.34	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAKERRD_115KV_BK1 80622	35.61	35.94	35.17	31.07	29.07	35.86	55.45	46.86	43.37	39.85	41.05	46.63	40.49	39.97	37.76	38.26	41.97	47.52	40.69	39.55	40.04	35.35	33.86	30.63
	-1.26	-1.67	-1.68	-1.50	-1.47	-1.60	-2.10	-1.78	-1.59	-1.41	-1.21	-1.42	-1.05	-0.88	-1.12	-1.10	-1.41	-1.76	-1.54	-1.65	-1.72	-1.44	-1.25	-1.30
	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.12	0.00	0.00	0.00
QUEENSBRY_115KV_TB8 356137	40.03	40.83	39.87	35.20	33.09	40.71	62.46	53.11	48.88	44.29	45.07	51.42	44.46	43.38	41.32	42.13	46.40	53.47	46.48	45.30	46.21	40.69	38.52	34.82
	3.16	3.22	3.02	2.63	2.54	3.25	4.91	4.48	3.93	3.04	2.80	3.37	2.91	2.53	2.43	2.76	3.02	4.19	4.26	4.10	4.58	3.90	3.41	2.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAMAPO___LBMP 323565	38.77	39.30	38.32	33.90	31.80	38.89	59.92	51.06	47.35	43.41	44.48	50.51	44.11	43.43	41.57	42.10	46.37	52.63	44.85	43.56	43.94	38.71	36.65	32.98
	1.89	1.70	1.48	1.34	1.26	1.43	2.37	2.43	2.40	2.15	2.22	2.46	2.57	2.58	2.68	2.74	2.99	3.35	2.63	2.36	2.32	1.91	1.55	1.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00
RANKINE____ 23646	36.10	36.16	35.41	31.29	29.22	36.18	56.17	47.23	43.77	40.29	41.68	47.25	41.10	40.66	38.10	38.62	42.18	47.50	40.56	39.16	38.71	35.09	33.84	30.52
	-0.77	-1.44	-1.44	-1.28	-1.32	-1.28	-1.38	-1.41	-1.18	-0.97	-0.58	-0.81	-0.44	-0.19	-0.79	-0.75	-1.20	-1.79	-1.67	-2.04	-2.13	-1.70	-1.26	-1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.79	0.00	0.00	0.00
RAVENSWOOD_GT2_1 24244	39.35	39.86	38.84	34.38	32.24	39.40	60.64	51.65	47.90	43.94	45.00	51.10	44.70	44.01	42.15	42.68	46.96	53.21	45.33	43.99	44.35	39.16	37.08	33.38
	2.48	2.25	1.99	1.81	1.70	1.95	3.09	3.02	2.95	2.68	2.74	3.04	3.16	3.16	3.26	3.31	3.58	3.93	3.10	2.79	2.73	2.37	1.98	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00

RAVENSWOOD_GT2_2 24245	39.35 2.48 0.00	39.86 2.25 0.00	38.84 1.99 0.00	34.38 1.81 0.00	32.24 1.70 0.00	39.40 1.95 0.00	60.64 3.09 0.00	51.65 3.02 0.00	47.90 2.95 0.00	43.94 2.68 0.00	45.00 2.74 0.00	51.10 3.04 0.00	44.70 3.16 0.00	44.01 3.16 0.00	42.15 3.26 0.00	42.68 3.31 0.00	46.96 3.58 0.00	53.21 3.93 0.00	45.33 3.10 0.00	43.99 2.79 0.00	44.35 2.73 0.02	39.16 2.37 0.00	37.08 1.98 0.00	33.38 1.44 0.00
RAVENSWOOD_GT2_3 24246	39.38 2.51 0.00	39.89 2.28 0.00	38.86 2.01 0.00	34.39 1.83 0.00	32.26 1.71 0.00	39.42 1.96 0.00	60.68 3.13 0.00	51.68 3.04 0.00	47.93 2.98 0.00	43.97 2.71 0.00	45.03 2.76 0.00	51.13 3.08 0.00	44.73 3.18 0.00	44.05 3.20 0.00	42.18 3.30 0.00	42.70 3.34 0.00	46.99 3.60 0.00	53.25 3.96 0.00	45.35 3.12 0.00	44.02 2.82 0.00	44.38 2.76 0.02	39.18 2.39 0.00	37.10 2.00 0.00	33.39 1.45 0.00
RAVENSWOOD_GT2_4 24247	39.38 2.51 0.00	39.89 2.28 0.00	38.86 2.01 0.00	34.39 1.83 0.00	32.26 1.71 0.00	39.42 1.96 0.00	60.68 3.13 0.00	51.68 3.04 0.00	47.93 2.98 0.00	43.97 2.71 0.00	45.03 2.76 0.00	51.13 3.08 0.00	44.73 3.18 0.00	44.05 3.20 0.00	42.18 3.30 0.00	42.70 3.34 0.00	46.99 3.60 0.00	53.25 3.96 0.00	45.35 3.12 0.00	44.02 2.82 0.00	44.38 2.76 0.02	39.18 2.39 0.00	37.10 2.00 0.00	33.39 1.45 0.00
RAVENSWOOD_GT3_1 24248	39.36 2.48 0.00	39.87 2.25 0.00	38.84 1.99 0.00	34.38 1.82 0.00	32.24 1.70 0.00	39.40 1.95 0.00	60.64 3.09 0.00	51.66 3.02 0.00	47.90 2.95 0.00	43.94 2.68 0.00	45.00 2.74 0.00	51.10 3.04 0.00	44.70 3.16 0.00	44.01 3.16 0.00	42.16 3.27 0.00	42.68 3.31 0.00	46.96 3.58 0.00	53.21 3.93 0.00	45.33 3.10 0.00	43.99 2.79 0.00	44.35 2.73 0.02	39.16 2.37 0.00	37.08 1.98 0.00	33.38 1.45 0.00
RAVENSWOOD_GT3_2 24249	39.36 2.48 0.00	39.87 2.25 0.00	38.84 1.99 0.00	34.38 1.82 0.00	32.24 1.70 0.00	39.40 1.95 0.00	60.64 3.09 0.00	51.66 3.02 0.00	47.90 2.95 0.00	43.94 2.68 0.00	45.00 2.74 0.00	51.10 3.04 0.00	44.70 3.16 0.00	44.01 3.16 0.00	42.16 3.27 0.00	42.68 3.31 0.00	46.96 3.58 0.00	53.21 3.93 0.00	45.33 3.10 0.00	43.99 2.79 0.00	44.35 2.73 0.02	39.16 2.37 0.00	37.08 1.98 0.00	33.38 1.45 0.00
RAVENSWOOD_GT3_3 24250	39.44 2.56 0.00	39.94 2.33 0.00	38.91 2.06 0.00	34.45 1.88 0.00	32.30 1.76 0.00	39.48 2.02 0.00	60.76 3.21 0.00	51.75 3.12 0.00	48.01 3.06 0.00	44.03 2.78 0.00	45.09 2.83 0.00	51.21 3.16 0.00	44.80 3.25 0.00	44.11 3.27 0.00	42.25 3.36 0.00	42.76 3.39 0.00	47.05 3.67 0.00	53.32 4.04 0.00	45.42 3.19 0.00	44.08 2.88 0.00	44.43 2.82 0.02	39.24 2.44 0.00	37.15 2.05 0.00	33.43 1.50 0.00
RAVENSWOOD_GT3_4 24251	39.44 2.56 0.00	39.94 2.33 0.00	38.91 2.06 0.00	34.45 1.88 0.00	32.30 1.76 0.00	39.48 2.02 0.00	60.76 3.21 0.00	51.75 3.12 0.00	48.01 3.06 0.00	44.03 2.78 0.00	45.09 2.83 0.00	51.21 3.16 0.00	44.80 3.25 0.00	44.11 3.27 0.00	42.25 3.36 0.00	42.76 3.39 0.00	47.05 3.67 0.00	53.32 4.04 0.00	45.42 3.19 0.00	44.08 2.88 0.00	44.43 2.82 0.02	39.24 2.44 0.00	37.15 2.05 0.00	33.43 1.50 0.00
RAVENSWOOD_GT_1 23729	40.24 2.62 -0.74	40.19 2.34 -0.23	39.51 2.09 -0.58	35.78 1.93 -1.28	34.07 1.82 -1.70	39.94 2.12 -0.36	60.93 3.37 -0.01	51.87 3.24 0.00	48.11 3.16 0.00	45.81 2.90 -1.66	45.19 2.92 0.00	51.31 3.25 0.00	46.35 3.37 -1.44	47.43 3.37 -3.22	42.98 3.47 -0.63	46.81 3.50 -3.94	48.03 3.77 -0.88	53.40 4.12 0.00	45.48 3.25 0.00	44.12 2.92 0.00	44.49 2.87 0.02	39.28 2.49 0.00	37.18 2.08 0.00	33.45 1.52 0.00
RAVENSWOOD_GT_10 24258	39.35 2.48 0.00	39.86 2.25 0.00	38.83 1.98 0.00	34.45 1.81 -0.07	32.43 1.70 -0.19	39.44 1.94 -0.04	60.64 3.08 0.00	51.65 3.01 0.00	47.89 2.94 0.00	43.95 2.68 -0.01	45.00 2.74 0.00	51.10 3.04 0.00	44.71 3.15 -0.01	44.12 3.16 -0.11	42.17 3.26 -0.02	43.06 3.31 -0.38	46.99 3.57 -0.03	53.21 3.93 0.00	45.32 3.10 0.00	43.99 2.79 0.00	44.35 2.73 0.02	39.16 2.37 0.00	37.08 1.98 0.00	33.38 1.44 0.00
RAVENSWOOD_GT_11 24259	39.35 2.48 0.00	39.86 2.25 0.00	38.83 1.98 0.00	34.45 1.81 -0.07	32.43 1.70 -0.19	39.44 1.94 -0.04	60.64 3.08 0.00	51.65 3.01 0.00	47.89 2.94 0.00	43.95 2.68 -0.01	45.00 2.74 0.00	51.10 3.04 0.00	44.71 3.15 -0.01	44.12 3.16 -0.11	42.17 3.26 -0.02	43.06 3.31 -0.38	46.99 3.57 -0.03	53.21 3.93 0.00	45.32 3.10 0.00	43.99 2.79 0.00	44.35 2.73 0.02	39.16 2.37 0.00	37.08 1.98 0.00	33.38 1.44 0.00
RAVENSWOOD_GT_4 24252	39.81 2.47 -0.47	40.03 2.24 -0.18	39.26 1.97 -0.44	35.35 1.81 -0.98	33.53 1.69 -1.30	39.65 1.92 -0.27	60.60 3.05 0.00	51.63 2.99 0.00	47.88 2.93 0.00	44.01 2.66 -0.09	44.97 2.71 0.00	51.08 3.02 0.00	44.76 3.13 -0.09	44.73 3.14 -0.74	42.25 3.24 -0.12	45.15 3.28 -2.51	47.15 3.55 -0.21	53.19 3.91 0.00	45.31 3.08 0.00	43.98 2.78 0.00	44.34 2.72 0.02	39.15 2.35 0.00	37.06 1.96 0.00	33.35 1.42 0.00
RAVENSWOOD_GT_5 24254	39.81 2.47 -0.47	40.03 2.24 -0.18	39.26 1.97 -0.44	35.35 1.81 -0.98	33.53 1.69 -1.30	39.65 1.92 -0.27	60.60 3.05 0.00	51.63 2.99 0.00	47.88 2.93 0.00	44.01 2.66 -0.09	44.97 2.71 0.00	51.08 3.02 0.00	44.76 3.13 -0.09	44.73 3.14 -0.74	42.25 3.24 -0.12	45.15 3.28 -2.51	47.15 3.55 -0.21	53.19 3.91 0.00	45.31 3.08 0.00	43.98 2.78 0.00	44.34 2.72 0.02	39.15 2.35 0.00	37.06 1.96 0.00	33.35 1.42 0.00
RAVENSWOOD_GT_6 24253	39.81 2.47 -0.47	40.03 2.24 -0.18	39.26 1.97 -0.44	35.35 1.81 -0.98	33.53 1.69 -1.30	39.65 1.92 -0.27	60.60 3.05 0.00	51.63 2.99 0.00	47.88 2.93 0.00	44.01 2.66 -0.09	44.97 2.71 0.00	51.08 3.02 0.00	44.76 3.13 -0.09	44.73 3.14 -0.74	42.25 3.24 -0.12	45.15 3.28 -2.51	47.15 3.55 -0.21	53.19 3.91 0.00	45.31 3.08 0.00	43.98 2.78 0.00	44.34 2.72 0.02	39.15 2.35 0.00	37.06 1.96 0.00	33.35 1.42 0.00
RAVENSWOOD_GT_7 24255	39.81 2.47 -0.47	40.03 2.24 -0.18	39.26 1.97 -0.44	35.35 1.81 -0.98	33.53 1.69 -1.30	39.65 1.92 -0.27	60.60 3.05 0.00	51.63 2.99 0.00	47.88 2.93 0.00	44.01 2.66 -0.09	44.97 2.71 0.00	51.08 3.02 0.00	44.76 3.13 -0.09	44.73 3.14 -0.74	42.25 3.24 -0.12	45.15 3.28 -2.51	47.15 3.55 -0.21	53.19 3.91 0.00	45.31 3.08 0.00	43.98 2.78 0.00	44.34 2.72 0.02	39.15 2.35 0.00	37.06 1.96 0.00	33.35 1.42 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	39.35 2.48 0.00	39.86 2.25 0.00	38.83 1.98 0.00	34.45 1.81 -0.07	32.43 1.70 -0.19	39.44 1.94 -0.04	60.64 3.08 0.00	51.65 3.01 0.00	47.89 2.94 0.00	43.95 2.68 -0.01	45.00 2.74 0.00	51.10 3.04 0.00	44.71 3.15 -0.01	44.12 3.16 -0.11	42.17 3.26 -0.02	43.06 3.31 -0.38	46.99 3.57 -0.03	53.21 3.93 0.00	45.32 3.10 0.00	43.99 2.79 0.00	44.35 2.73 0.02	39.16 2.37 0.00	37.08 1.98 0.00	33.38 1.44 0.00

RAVENSWOOD_GT_9 24257	39.35 2.48 0.00	39.86 2.25 0.00	38.83 1.98 0.00	34.45 1.81 -0.07	32.43 1.70 -0.19	39.44 1.94 -0.04	60.64 3.08 0.00	51.65 3.01 0.00	47.89 2.94 0.00	43.95 2.68 -0.01	45.00 2.74 0.00	51.10 3.04 0.00	44.71 3.15 -0.01	44.12 3.16 -0.11	42.17 3.26 -0.02	43.06 3.31 -0.38	46.99 3.57 -0.03	53.21 3.93 0.00	45.32 3.10 0.00	43.99 2.79 0.00	44.35 2.73 0.02	39.16 2.37 0.00	37.08 1.98 0.00	33.38 1.44 0.00
RAVENSWOOD___1 23533	39.57 2.60 -0.09	39.93 2.32 0.00	38.92 2.07 0.00	33.85 1.89 0.61	30.62 1.76 1.68	39.15 2.05 0.35	60.80 3.25 0.01	51.79 3.15 0.00	48.03 3.08 0.00	43.97 2.83 0.12	45.12 2.85 0.00	51.23 3.18 0.00	44.70 3.27 0.12	43.17 3.28 0.95	42.13 3.39 0.16	39.56 3.43 3.25	46.80 3.69 0.27	53.32 4.04 0.00	45.41 3.18 0.00	44.07 2.87 0.00	44.43 2.82 0.02	39.26 2.47 0.00	37.18 2.08 0.00	33.45 1.52 0.00
RAVENSWOOD___2 23534	39.48 2.52 -0.09	39.84 2.23 0.00	38.85 1.99 0.00	34.39 1.82 0.00	32.27 1.73 0.00	39.42 2.04 0.08	60.80 3.25 0.01	51.79 3.15 0.00	48.03 3.08 0.00	43.97 2.83 0.12	45.12 2.85 0.00	51.23 3.18 0.00	44.70 3.27 0.12	43.17 3.28 0.95	42.13 3.39 0.16	39.56 3.43 3.25	46.80 3.69 0.27	53.32 4.04 0.00	45.41 3.18 0.00	44.07 2.87 0.00	44.43 2.82 0.02	39.26 2.47 0.00	37.18 2.08 0.00	33.45 1.52 0.00
RAVENSWOOD___3 23535	39.36 2.49 0.00	39.87 2.25 0.00	38.84 1.99 0.00	34.37 1.81 0.00	32.24 1.70 0.00	39.40 1.94 0.00	60.64 3.09 0.00	51.66 3.02 0.00	47.90 2.95 0.00	43.96 2.70 0.00	45.00 2.74 0.00	51.10 3.04 0.00	44.70 3.16 0.00	44.01 3.17 0.00	42.16 3.27 0.00	42.68 3.31 0.00	46.96 3.58 0.00	53.22 3.94 0.00	45.33 3.10 0.00	43.99 2.80 0.00	44.35 2.74 0.02	39.16 2.37 0.00	37.08 1.98 0.00	33.38 1.45 0.00
RAVENSWOOD___4 23820	38.85 2.58 0.61	39.68 2.29 0.23	38.33 2.05 0.57	33.18 1.87 1.26	30.62 1.76 1.68	39.15 2.05 0.35	60.80 3.25 0.01	51.79 3.15 0.00	48.03 3.08 0.00	43.97 2.83 0.12	45.12 2.85 0.00	51.23 3.18 0.00	44.70 3.27 0.12	43.17 3.28 0.95	42.13 3.39 0.16	39.56 3.43 3.25	46.80 3.69 0.27	53.32 4.04 0.00	45.41 3.18 0.00	44.07 2.87 0.00	44.43 2.82 0.02	39.26 2.47 0.00	37.18 2.08 0.00	33.45 1.52 0.00
RCPL_TRUST___DRP 24196	39.32 2.45 0.00	39.85 2.24 0.00	38.81 1.96 0.00	34.36 1.79 0.00	32.21 1.66 0.00	39.34 1.88 0.00	60.58 3.03 0.00	51.61 2.97 0.00	47.89 2.94 0.00	43.94 2.68 0.00	45.00 2.74 0.00	51.10 3.04 0.00	44.70 3.16 0.00	44.02 3.17 0.00	42.16 3.27 0.00	42.68 3.31 0.00	46.98 3.60 0.00	53.22 3.94 0.00	45.32 3.09 0.00	43.96 2.76 0.00	44.33 2.71 0.02	39.15 2.35 0.00	37.07 1.97 0.00	33.35 1.42 0.00
RED___ROCHESTER 323720	36.56 -0.32 0.00	36.82 -0.78 0.01	36.03 -0.82 0.00	31.81 -0.75 0.00	29.75 -0.79 0.00	36.74 -0.72 0.00	56.86 -0.69 0.00	48.02 -0.62 0.00	44.46 -0.49 0.00	40.87 -0.38 0.00	42.18 -0.09 0.00	47.89 -0.16 0.00	41.62 0.07 0.00	41.10 0.25 0.00	38.76 -0.13 0.00	39.27 -0.09 0.00	43.07 -0.32 0.00	48.70 -0.58 0.00	41.70 -0.53 0.00	40.50 -0.70 0.00	40.98 -0.78 -0.11	36.22 -0.58 0.00	34.72 -0.38 0.00	31.37 -0.57 0.00
REGAN___SOLAR 323812	39.34 2.47 0.00	39.92 2.31 0.00	39.03 2.18 0.00	34.47 1.90 0.00	32.30 1.75 0.00	39.68 2.22 0.00	61.25 3.70 0.00	51.65 3.01 0.00	46.63 1.68 0.00	42.21 0.96 0.00	42.71 0.45 0.00	48.75 0.70 0.00	42.50 0.96 0.00	41.57 0.72 0.00	39.85 0.97 0.00	40.76 1.40 0.00	45.37 1.99 0.00	52.05 2.78 0.00	45.01 2.79 0.00	44.11 2.91 0.00	44.58 2.97 0.02	39.35 2.55 0.00	37.36 2.26 0.00	33.78 1.84 0.00
RENSSELAER___COGEN 23796	37.27 0.40 0.00	38.02 0.41 0.00	37.16 0.32 0.00	32.88 0.31 0.00	30.88 0.34 0.00	37.83 0.37 0.00	58.00 0.45 0.00	49.25 0.61 0.00	45.59 0.64 0.00	41.66 0.40 0.00	42.68 0.41 0.00	48.47 0.42 0.00	42.06 0.52 0.00	41.34 0.49 0.00	39.38 0.50 0.00	39.81 0.44 0.00	43.82 0.44 0.00	50.03 0.75 0.00	42.87 0.64 0.00	41.85 0.65 0.00	42.42 0.78 0.00	37.47 0.68 0.00	35.77 0.68 0.00	32.39 0.46 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.06 5.19 0.00	42.95 5.33 0.00	41.79 4.94 0.00	36.98 4.42 0.00	34.75 4.21 0.00	42.85 5.40 0.00	65.51 7.96 0.00	55.73 7.10 0.00	51.17 6.22 0.00	46.02 4.77 0.00	47.02 4.76 0.00	53.65 5.60 0.00	46.14 4.60 0.00	44.83 3.98 0.00	42.68 3.79 0.00	43.98 4.62 0.00	48.42 5.04 0.00	56.26 6.98 0.00	49.10 6.87 0.00	47.76 6.56 0.00	48.78 7.14 0.00	42.96 6.16 0.00	40.51 5.41 0.00	36.68 4.75 0.00
REVERE_CPPR_DRP 24186	38.17 1.30 0.00	38.81 1.20 0.00	37.95 1.10 0.00	33.51 0.95 0.00	31.43 0.88 0.00	38.65 1.19 0.00	59.73 2.18 0.00	50.52 1.88 0.00	46.60 1.65 0.00	42.59 1.33 0.00	43.56 1.30 0.00	49.36 1.31 0.00	42.74 1.20 0.00	42.14 1.29 0.00	40.20 1.32 0.00	40.71 1.35 0.00	45.08 1.70 0.00	51.42 2.14 0.00	44.22 2.00 0.00	43.15 1.95 0.00	43.59 1.95 0.00	38.44 1.65 0.00	36.50 1.40 0.00	32.88 0.94 0.00
REYNOLDS_115KV_TB3 80639	37.55 0.68 0.00	38.33 0.72 0.00	37.48 0.63 0.00	33.15 0.58 0.00	31.14 0.60 0.00	38.15 0.69 0.00	58.46 0.91 0.00	49.65 1.01 0.00	45.96 1.01 0.00	41.98 0.72 0.00	43.01 0.74 0.00	48.86 0.81 0.00	42.41 0.87 0.00	41.65 0.81 0.00	39.64 0.75 0.00	40.03 0.66 0.00	44.05 0.67 0.00	50.33 1.05 0.00	43.14 0.92 0.00	42.14 0.94 0.00	42.75 1.11 0.00	37.73 0.93 0.00	35.94 0.84 0.00	32.56 0.62 0.00
RIVERBAY____ 323610	39.96 3.09 0.00	40.44 2.83 0.00	39.29 2.44 0.00	34.83 2.26 0.00	32.69 2.14 0.00	39.99 2.53 0.00	61.51 3.96 0.00	52.33 3.69 0.00	48.40 3.44 0.00	44.28 3.02 -0.01	45.40 3.13 0.00	51.37 3.32 0.00	44.99 3.44 0.00	44.27 3.42 0.00	42.38 3.49 0.00	42.85 3.49 0.00	46.97 3.59 0.00	53.22 3.93 0.00	45.37 3.14 0.00	44.05 2.85 0.00	44.47 2.86 0.02	39.27 2.48 0.00	37.30 2.20 0.00	33.55 1.61 0.00
RIVERSDE_115KV_TB3 55908	37.45 0.57 0.00	38.20 0.60 0.00	37.35 0.50 0.00	33.03 0.47 0.00	31.04 0.49 0.00	38.02 0.56 0.00	58.29 0.74 0.00	49.50 0.86 0.00	45.82 0.87 0.00	41.86 0.60 0.00	42.90 0.63 0.00	48.73 0.67 0.00	42.30 0.75 0.00	41.56 0.72 0.00	39.58 0.69 0.00	39.98 0.62 0.00	44.01 0.62 0.00	50.26 0.98 0.00	43.07 0.85 0.00	42.05 0.85 0.00	42.64 1.00 0.00	37.65 0.86 0.00	35.91 0.80 0.00	32.52 0.58 0.00
ROARING___BROOK_WT_PWR 323790	36.54 -0.33 0.00	37.42 -0.19 0.00	36.74 -0.11 0.00	32.49 -0.08 0.00	30.45 -0.09 0.00	37.38 -0.08 0.00	57.41 -0.14 0.00	48.39 -0.24 0.00	44.66 -0.29 0.00	41.02 -0.23 0.00	42.02 -0.25 0.00	47.79 -0.26 0.00	41.18 -0.36 0.00	40.44 -0.41 0.00	38.44 -0.45 0.00	38.91 -0.45 0.00	42.96 -0.42 0.00	49.02 -0.26 0.00	42.09 -0.14 0.00	41.08 -0.12 0.00	41.51 -0.14 0.00	36.69 -0.11 0.00	35.03 -0.08 0.00	31.81 -0.12 0.00

ROCHESRG_115KV_T4 355643	36.14 -0.73 0.00	36.43 -1.18 0.01	35.65 -1.20 0.00	31.49 -1.07 0.00	29.46 -1.09 0.00	36.35 -1.11 0.00	56.24 -1.31 0.00	47.48 -1.16 0.00	43.96 -0.99 0.00	40.41 -0.85 0.00	41.66 -0.61 0.00	47.27 -0.79 0.00	41.06 -0.48 0.00	40.53 -0.32 0.00	38.22 -0.67 0.00	38.73 -0.63 0.00	42.46 -0.93 0.00	48.01 -1.27 0.00	41.10 -1.13 0.00	39.94 -1.27 0.00	40.44 -1.33 -0.14	35.74 -1.05 0.00	34.28 -0.82 0.00	31.00 -0.93 0.00
ROCHESTER_9_IC 23652	36.36 -0.51 0.00	36.64 -0.96 0.01	35.85 -1.00 0.00	31.67 -0.90 0.00	29.62 -0.92 0.00	36.55 -0.90 0.00	56.60 -0.95 0.00	47.78 -0.86 0.00	44.25 -0.70 0.00	40.68 -0.58 0.00	41.95 -0.32 0.00	47.61 -0.45 0.00	41.35 -0.19 0.00	40.85 0.00 0.00	38.51 -0.37 0.00	39.01 -0.35 0.00	42.78 -0.60 0.00	48.37 -0.91 0.00	41.41 -0.82 0.00	40.23 -0.97 0.00	40.72 -1.03 -0.11	35.99 -0.81 0.00	34.52 -0.58 0.00	31.20 -0.74 0.00
ROCKVIEW_13_KV_LD 356306	39.38 2.50 0.00	39.95 2.34 0.00	38.87 2.02 0.00	34.38 1.81 0.00	32.25 1.71 0.00	39.41 1.96 0.00	60.67 3.11 0.00	51.66 3.02 0.00	47.89 2.94 0.00	43.92 2.67 0.00	44.97 2.71 0.00	51.06 3.00 0.00	44.66 3.12 0.00	43.97 3.13 0.00	42.11 3.22 0.00	42.64 3.28 0.00	46.91 3.53 0.00	53.21 3.92 0.00	45.35 3.13 0.00	44.06 2.86 0.00	44.39 2.78 0.02	39.16 2.37 0.00	37.09 1.98 0.00	33.39 1.45 0.00
ROME____115KV_TB2 80656	38.17 1.30 0.00	38.81 1.20 0.00	37.95 1.10 0.00	33.51 0.95 0.00	31.43 0.88 0.00	38.65 1.19 0.00	59.73 2.18 0.00	50.52 1.88 0.00	46.60 1.65 0.00	42.59 1.33 0.00	43.56 1.30 0.00	49.36 1.31 0.00	42.74 1.20 0.00	42.14 1.29 0.00	40.20 1.32 0.00	40.71 1.35 0.00	45.08 1.70 0.00	51.42 2.14 0.00	44.22 2.00 0.00	43.15 1.95 0.00	43.59 1.95 0.00	38.44 1.65 0.00	36.50 1.40 0.00	32.88 0.94 0.00
ROSETON___1 23587	38.61 1.73 0.00	39.18 1.57 0.00	38.23 1.38 0.00	33.80 1.24 0.00	31.72 1.17 0.00	38.79 1.33 0.00	59.70 2.15 0.00	50.83 2.20 0.00	47.11 2.16 0.00	43.16 1.90 0.00	44.18 1.92 0.00	50.17 2.12 0.00	43.79 2.24 0.00	43.08 2.23 0.00	41.20 2.31 0.00	41.70 2.33 0.00	45.89 2.51 0.00	52.15 2.87 0.00	44.51 2.28 0.00	43.26 2.06 0.00	43.68 2.06 0.02	38.53 1.74 0.00	36.51 1.41 0.00	32.91 0.97 0.00
ROSETON___2 23588	38.61 1.73 0.00	39.18 1.57 0.00	38.23 1.38 0.00	33.80 1.24 0.00	31.72 1.17 0.00	38.79 1.33 0.00	59.70 2.15 0.00	50.83 2.20 0.00	47.11 2.16 0.00	43.16 1.90 0.00	44.18 1.92 0.00	50.17 2.12 0.00	43.79 2.24 0.00	43.08 2.23 0.00	41.20 2.31 0.00	41.70 2.33 0.00	45.89 2.51 0.00	52.15 2.87 0.00	44.51 2.28 0.00	43.26 2.06 0.00	43.68 2.06 0.02	38.53 1.74 0.00	36.51 1.41 0.00	32.91 0.97 0.00
ROTTRDAM_115KV_TB3 80664	37.89 1.02 0.00	38.60 0.99 0.00	37.77 0.91 0.00	33.37 0.80 0.00	31.31 0.77 0.00	38.40 0.94 0.00	58.97 1.42 0.00	50.02 1.38 0.00	46.18 1.23 0.00	42.18 0.93 0.00	43.17 0.90 0.00	49.05 1.00 0.00	42.58 1.03 0.00	41.83 0.98 0.00	39.87 0.99 0.00	40.41 1.04 0.00	44.51 1.13 0.00	50.73 1.45 0.00	43.55 1.32 0.00	42.48 1.28 0.00	43.02 1.38 0.00	37.96 1.17 0.00	36.08 0.97 0.00	32.68 0.74 0.00
RUSSELL___1 23602	36.55 -0.32 0.00	36.82 -0.78 0.01	36.02 -0.83 0.00	31.81 -0.75 0.00	29.75 -0.79 0.00	36.74 -0.72 0.00	56.86 -0.69 0.00	48.02 -0.61 0.00	44.47 -0.48 0.00	40.90 -0.35 0.00	42.19 -0.08 0.00	47.89 -0.16 0.00	41.61 0.07 0.00	41.10 0.25 0.00	38.76 -0.13 0.00	39.28 -0.09 0.00	43.06 -0.32 0.00	48.70 -0.57 0.00	41.70 -0.53 0.00	40.51 -0.69 0.00	40.98 -0.77 -0.11	36.22 -0.57 0.00	34.72 -0.38 0.00	31.37 -0.57 0.00
RUSSELL___2 23532	36.55 -0.32 0.00	36.82 -0.78 0.01	36.02 -0.83 0.00	31.81 -0.75 0.00	29.75 -0.79 0.00	36.74 -0.72 0.00	56.86 -0.69 0.00	48.02 -0.61 0.00	44.47 -0.48 0.00	40.90 -0.35 0.00	42.19 -0.08 0.00	47.89 -0.16 0.00	41.61 0.07 0.00	41.10 0.25 0.00	38.76 -0.13 0.00	39.28 -0.09 0.00	43.06 -0.32 0.00	48.70 -0.57 0.00	41.70 -0.53 0.00	40.51 -0.69 0.00	40.98 -0.77 -0.11	36.22 -0.57 0.00	34.72 -0.38 0.00	31.37 -0.57 0.00
RUSSELL___3 23549	36.55 -0.32 0.00	36.82 -0.78 0.01	36.02 -0.83 0.00	31.81 -0.75 0.00	29.75 -0.79 0.00	36.74 -0.72 0.00	56.86 -0.69 0.00	48.02 -0.61 0.00	44.47 -0.48 0.00	40.90 -0.35 0.00	42.19 -0.08 0.00	47.89 -0.16 0.00	41.61 0.07 0.00	41.10 0.25 0.00	38.76 -0.13 0.00	39.28 -0.09 0.00	43.06 -0.32 0.00	48.70 -0.57 0.00	41.70 -0.53 0.00	40.51 -0.69 0.00	40.98 -0.77 -0.11	36.22 -0.57 0.00	34.72 -0.38 0.00	31.37 -0.57 0.00
RUSSELL___4 23556	36.55 -0.32 0.00	36.82 -0.78 0.01	36.02 -0.83 0.00	31.81 -0.75 0.00	29.75 -0.79 0.00	36.74 -0.72 0.00	56.86 -0.69 0.00	48.02 -0.61 0.00	44.47 -0.48 0.00	40.90 -0.35 0.00	42.19 -0.08 0.00	47.89 -0.16 0.00	41.61 0.07 0.00	41.10 0.25 0.00	38.76 -0.13 0.00	39.28 -0.09 0.00	43.06 -0.32 0.00	48.70 -0.57 0.00	41.70 -0.53 0.00	40.51 -0.69 0.00	40.98 -0.77 -0.11	36.22 -0.57 0.00	34.72 -0.38 0.00	31.37 -0.57 0.00
RUSSELL___STATION 23914	36.55 -0.32 0.00	36.82 -0.78 0.01	36.02 -0.83 0.00	31.81 -0.75 0.00	29.75 -0.79 0.00	36.74 -0.72 0.00	56.86 -0.69 0.00	48.02 -0.61 0.00	44.47 -0.48 0.00	40.90 -0.35 0.00	42.19 -0.08 0.00	47.89 -0.16 0.00	41.61 0.07 0.00	41.10 0.25 0.00	38.76 -0.13 0.00	39.28 -0.09 0.00	43.06 -0.32 0.00	48.70 -0.57 0.00	41.70 -0.53 0.00	40.51 -0.69 0.00	40.98 -0.77 -0.11	36.22 -0.57 0.00	34.72 -0.38 0.00	31.37 -0.57 0.00
S SALMON___HYD 24043	36.55 -0.32 0.00	37.17 -0.44 0.00	36.33 -0.52 0.00	32.08 -0.48 0.00	30.05 -0.49 0.00	36.89 -0.57 0.00	57.02 -0.53 0.00	48.24 -0.40 0.00	44.44 -0.51 0.00	40.66 -0.60 0.00	41.75 -0.51 0.00	47.40 -0.65 0.00	41.01 -0.53 0.00	40.40 -0.45 0.00	38.42 -0.46 0.00	38.81 -0.56 0.00	42.75 -0.63 0.00	48.80 -0.48 0.00	41.94 -0.28 0.00	41.12 -0.08 0.00	41.68 0.05 0.00	36.86 0.07 0.00	35.05 -0.05 0.00	31.50 -0.43 0.00
S.PERRY__115KV_TB1 80734	37.68 0.81 0.00	37.84 0.23 0.00	36.97 0.12 0.00	32.69 0.12 0.00	30.57 0.03 0.00	37.84 0.38 0.00	58.89 1.35 0.00	49.81 1.17 0.00	46.10 1.15 0.00	42.31 1.05 0.00	43.50 1.23 0.00	49.23 1.18 0.00	42.76 1.22 0.00	42.14 1.29 0.00	39.60 0.72 0.00	40.15 0.78 0.00	44.08 0.70 0.00	50.05 0.76 0.00	43.08 0.86 0.00	41.90 0.70 0.00	42.15 0.72 0.21	37.41 0.61 0.00	35.76 0.66 0.00	32.16 0.23 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.68 -1.20 0.00	35.76 -1.85 0.01	35.01 -1.84 0.00	30.95 -1.62 0.00	28.88 -1.67 0.00	35.74 -1.72 0.00	55.46 -2.09 0.00	46.58 -2.06 0.00	43.17 -1.78 0.00	39.73 -1.53 0.00	41.10 -1.16 0.00	46.56 -1.50 0.00	40.49 -1.05 0.00	40.03 -0.81 0.00	37.48 -1.40 0.00	37.97 -1.39 0.00	41.45 -1.94 0.00	46.69 -2.60 -0.01	39.89 -2.34 0.00	38.55 -2.65 0.00	38.01 -2.75 0.88	34.62 -2.18 0.00	33.46 -1.64 0.00	30.22 -1.71 0.00

SAWYER___23_KV_LOAD 55526	35.68 -1.20 0.00	35.76 -1.85 0.01	35.01 -1.84 0.00	30.95 -1.62 0.00	28.88 -1.67 0.00	35.74 -1.72 0.00	55.46 -2.09 0.00	46.58 -2.06 0.00	43.17 -1.78 0.00	39.73 -1.53 0.00	41.10 -1.16 0.00	46.56 -1.50 0.00	40.49 -1.05 0.00	40.03 -0.81 0.00	37.48 -1.40 0.00	37.97 -1.39 0.00	41.45 -1.94 0.00	46.69 -2.60 -0.01	39.89 -2.34 0.00	38.55 -2.65 0.00	38.01 -2.75 0.88	34.62 -2.18 0.00	33.46 -1.64 0.00	30.22 -1.71 0.00
SELKIRK___I 23801	37.67 0.79 0.00	38.41 0.80 0.00	37.59 0.74 0.00	33.25 0.69 0.00	31.22 0.67 0.00	38.26 0.80 0.00	58.69 1.14 0.00	49.76 1.13 0.00	46.01 1.06 0.00	42.03 0.77 0.00	43.02 0.76 0.00	48.81 0.76 0.00	42.29 0.75 0.00	41.59 0.74 0.00	39.67 0.78 0.00	40.12 0.75 0.00	44.18 0.80 0.00	50.41 1.14 0.00	43.26 1.03 0.00	42.23 1.03 0.00	42.79 1.15 0.00	37.78 0.98 0.00	36.01 0.91 0.00	32.63 0.70 0.00
SELKIRK___II 23799	37.47 0.59 0.00	38.19 0.58 0.00	37.35 0.50 0.00	33.03 0.47 0.00	31.02 0.48 0.00	38.01 0.55 0.00	58.29 0.74 0.00	49.49 0.86 0.00	45.80 0.85 0.00	41.87 0.62 0.00	42.89 0.62 0.00	48.69 0.63 0.00	42.26 0.72 0.00	41.54 0.69 0.00	39.60 0.72 0.00	40.05 0.68 0.00	44.08 0.70 0.00	50.27 0.99 0.00	43.06 0.84 0.00	42.02 0.81 0.00	42.55 0.92 0.00	37.58 0.79 0.00	35.80 0.70 0.00	32.42 0.49 0.00
SENECA OSWGO___HYD 24041	36.29 -0.58 0.00	36.84 -0.77 0.00	36.05 -0.80 0.00	31.84 -0.72 0.00	29.86 -0.68 0.00	36.69 -0.76 0.00	56.56 -1.00 0.00	47.85 -0.79 0.00	44.23 -0.72 0.00	40.51 -0.75 0.00	41.59 -0.67 0.00	47.21 -0.85 0.00	40.92 -0.62 0.00	40.29 -0.55 0.00	38.41 -0.47 0.00	38.93 -0.43 0.00	42.84 -0.55 0.00	48.72 -0.56 0.00	41.73 -0.50 0.00	40.73 -0.48 0.00	41.16 -0.47 0.00	36.34 -0.46 0.00	34.59 -0.51 0.00	31.33 -0.60 0.00
SENECA___115KV_TB3 355854	36.16 -0.71 0.00	36.22 -1.38 0.00	35.47 -1.38 0.00	31.34 -1.22 0.00	29.27 -1.27 0.00	36.23 -1.23 0.00	56.27 -1.28 0.00	47.31 -1.33 0.00	43.85 -1.10 0.00	40.37 -0.89 0.00	41.77 -0.50 0.00	47.35 -0.71 0.00	41.18 -0.36 0.00	40.74 -0.10 0.00	38.18 -0.71 0.00	38.71 -0.66 0.00	42.27 -1.12 0.00	47.60 -1.69 -0.01	40.65 -1.58 0.00	39.23 -1.97 0.00	38.79 -2.06 0.79	35.16 -1.64 0.00	33.90 -1.20 0.00	30.57 -1.36 0.00
SENECA___ENERGY 23797	36.73 -0.14 0.00	37.08 -0.53 0.00	36.26 -0.58 0.00	32.04 -0.53 0.00	30.00 -0.54 0.00	36.93 -0.53 0.00	57.14 -0.41 0.00	48.44 -0.20 0.00	44.78 -0.17 0.00	41.08 -0.18 0.00	42.19 -0.07 0.00	47.93 -0.13 0.00	41.63 0.09 0.00	41.07 0.22 0.00	39.06 0.17 0.00	39.62 0.25 0.00	43.52 0.14 0.00	49.34 0.06 0.00	42.21 -0.01 0.00	41.03 -0.17 0.00	41.39 -0.25 0.00	36.55 -0.24 0.00	34.85 -0.25 0.00	31.47 -0.46 0.00
SHOEMAKER___GT 23640	38.48 1.60 0.00	39.04 1.43 0.00	38.11 1.26 0.00	33.68 1.12 0.00	31.59 1.05 0.00	38.66 1.20 0.00	59.53 1.98 0.00	50.65 2.01 0.00	46.91 1.96 0.00	42.98 1.72 0.00	44.01 1.74 0.00	49.96 1.91 0.00	43.52 1.98 0.00	42.85 2.01 0.00	40.93 2.05 0.00	41.45 2.08 0.00	45.70 2.32 0.00	51.94 2.67 0.00	44.38 2.16 0.00	43.17 1.97 0.00	43.58 1.96 0.02	38.43 1.63 0.00	36.41 1.31 0.00	32.82 0.89 0.00
SHOEMAKR_138KV_BK 111 55601	38.47 1.59 0.00	39.03 1.42 0.00	38.09 1.24 0.00	33.68 1.11 0.00	31.59 1.04 0.00	38.65 1.19 0.00	59.51 1.96 0.00	50.63 2.00 0.00	46.91 1.96 0.00	42.98 1.72 0.00	44.01 1.75 0.00	49.98 1.93 0.00	43.56 2.02 0.00	42.88 2.03 0.00	40.97 2.09 0.00	41.49 2.12 0.00	45.72 2.34 0.00	51.96 2.68 0.00	44.38 2.16 0.00	43.15 1.96 0.00	43.56 1.94 0.02	38.41 1.61 0.00	36.40 1.30 0.00	32.82 0.88 0.00
SHOREHAM_IC_1 23715	106.07 2.56 -66.63	41.34 2.29 -1.44	38.80 1.95 0.00	35.09 1.71 -0.81	32.04 1.50 0.00	39.18 1.72 0.00	59.89 2.34 0.00	50.91 2.27 0.00	46.47 1.52 0.00	43.77 2.51 0.00	44.25 1.98 0.00	49.72 1.66 0.00	44.22 2.67 0.00	43.67 2.82 0.00	42.26 3.19 -0.18	42.40 3.03 0.00	46.90 3.52 0.00	55.80 4.56 -1.96	46.15 3.93 0.00	44.54 3.34 0.00	44.62 3.00 0.02	38.78 1.99 0.00	36.75 1.65 0.00	33.17 1.24 0.00
SHOREHAM_IC_2 23716	106.07 2.56 -66.63	41.34 2.29 -1.44	38.80 1.95 0.00	35.09 1.71 -0.81	32.04 1.50 0.00	39.18 1.72 0.00	59.89 2.34 0.00	50.91 2.27 0.00	46.47 1.52 0.00	43.77 2.51 0.00	44.25 1.98 0.00	49.72 1.66 0.00	44.22 2.67 0.00	43.67 2.82 0.00	42.26 3.19 -0.18	42.40 3.03 0.00	46.90 3.52 0.00	55.80 4.56 -1.96	46.15 3.93 0.00	44.54 3.34 0.00	44.62 3.00 0.02	38.78 1.99 0.00	36.75 1.65 0.00	33.17 1.24 0.00
SISSONVILLE____ 23735	36.21 -0.66 0.00	37.11 -0.50 0.00	36.41 -0.44 0.00	32.18 -0.38 0.00	30.19 -0.35 0.00	37.04 -0.42 0.00	57.03 -0.52 0.00	47.85 -0.79 0.00	43.86 -1.09 0.00	39.90 -1.36 0.00	40.81 -1.45 0.00	46.42 -1.64 0.00	39.80 -1.75 0.00	39.01 -1.84 0.00	36.94 -1.95 0.00	37.26 -2.10 0.00	41.32 -2.07 0.00	47.15 -2.13 0.00	40.61 -1.61 0.00	39.89 -1.31 0.00	40.33 -1.31 0.00	35.90 -0.89 0.00	34.57 -0.53 0.00	31.53 -0.40 0.00
SITHE_IND_GS1 24169	35.82 -1.06 0.00	36.36 -1.21 0.04	35.62 -1.22 0.00	31.49 -1.08 0.00	29.51 -1.03 0.00	36.24 -1.22 0.00	55.79 -1.76 0.00	47.22 -1.42 0.00	43.64 -1.31 0.00	40.02 -1.23 0.00	41.05 -1.21 0.00	46.66 -1.39 0.00	40.44 -1.10 0.00	39.83 -1.03 0.00	37.91 -0.98 0.00	38.39 -0.98 0.00	42.23 -1.15 0.00	47.97 -1.30 0.00	41.09 -1.13 0.00	40.07 -1.13 0.00	40.51 -1.15 -0.02	35.78 -1.02 0.00	34.10 -1.00 0.00	30.95 -0.99 0.00
SITHE_IND_GS2 24170	35.82 -1.06 0.00	36.36 -1.21 0.04	35.62 -1.22 0.00	31.49 -1.08 0.00	29.51 -1.03 0.00	36.24 -1.22 0.00	55.79 -1.76 0.00	47.22 -1.42 0.00	43.64 -1.31 0.00	40.02 -1.23 0.00	41.05 -1.21 0.00	46.66 -1.39 0.00	40.44 -1.10 0.00	39.83 -1.03 0.00	37.91 -0.98 0.00	38.39 -0.98 0.00	42.23 -1.15 0.00	47.97 -1.30 0.00	41.09 -1.13 0.00	40.07 -1.13 0.00	40.51 -1.15 -0.02	35.78 -1.02 0.00	34.10 -1.00 0.00	30.95 -0.99 0.00
SITHE_IND_GS3 24171	35.82 -1.06 0.00	36.36 -1.21 0.04	35.62 -1.22 0.00	31.49 -1.08 0.00	29.51 -1.03 0.00	36.24 -1.22 0.00	55.79 -1.76 0.00	47.22 -1.42 0.00	43.64 -1.31 0.00	40.02 -1.23 0.00	41.05 -1.21 0.00	46.66 -1.39 0.00	40.44 -1.10 0.00	39.83 -1.03 0.00	37.91 -0.98 0.00	38.39 -0.98 0.00	42.23 -1.15 0.00	47.97 -1.30 0.00	41.09 -1.13 0.00	40.07 -1.13 0.00	40.51 -1.15 -0.02	35.78 -1.02 0.00	34.10 -1.00 0.00	30.95 -0.99 0.00
SITHE_IND_GS4 24172	35.82 -1.06 0.00	36.36 -1.21 0.04	35.62 -1.22 0.00	31.49 -1.08 0.00	29.51 -1.03 0.00	36.24 -1.22 0.00	55.79 -1.76 0.00	47.22 -1.42 0.00	43.64 -1.31 0.00	40.02 -1.23 0.00	41.05 -1.21 0.00	46.66 -1.39 0.00	40.44 -1.10 0.00	39.83 -1.03 0.00	37.91 -0.98 0.00	38.39 -0.98 0.00	42.23 -1.15 0.00	47.97 -1.30 0.00	41.09 -1.13 0.00	40.07 -1.13 0.00	40.51 -1.15 -0.02	35.78 -1.02 0.00	34.10 -1.00 0.00	30.95 -0.99 0.00

SITHE___BATAVIA 24024	36.82 -0.05 0.00	36.92 -0.68 0.01	36.12 -0.73 0.00	31.89 -0.68 0.00	29.78 -0.76 0.00	36.89 -0.57 0.00	57.33 -0.22 0.00	48.33 -0.31 0.00	44.75 -0.20 0.00	41.04 -0.22 0.00	42.40 0.13 0.00	48.10 0.05 0.00	41.83 0.28 0.00	41.31 0.46 0.00	38.82 -0.07 0.00	39.27 -0.10 0.00	42.89 -0.49 0.00	48.50 -0.78 0.00	41.51 -0.72 0.00	40.29 -0.92 0.00	40.25 -0.99 0.40	36.09 -0.70 0.00	34.74 -0.36 0.00	31.35 -0.59 0.00
SITHE___INDEPEND 23800	35.82 -1.06 0.00	36.36 -1.21 0.04	35.62 -1.22 0.00	31.48 -1.08 0.00	29.51 -1.03 0.00	36.24 -1.22 0.00	55.79 -1.76 0.00	47.22 -1.42 0.00	43.64 -1.31 0.00	40.03 -1.23 0.00	41.06 -1.21 0.00	46.66 -1.39 0.00	40.44 -1.10 0.00	39.82 -1.03 0.00	37.91 -0.98 0.00	38.39 -0.98 0.00	42.23 -1.15 0.00	47.98 -1.30 0.00	41.09 -1.13 0.00	40.07 -1.13 0.00	40.51 -1.15 -0.02	35.78 -1.02 0.00	34.10 -1.00 0.00	30.95 -0.99 0.00
SITHE___MASSENA 23902	36.79 -0.09 0.00	37.67 0.06 0.00	36.97 0.12 0.00	32.68 0.12 0.00	30.65 0.10 0.00	37.59 0.13 0.00	57.81 0.26 0.00	48.61 -0.03 0.00	44.74 -0.21 0.00	41.07 -0.18 0.00	42.06 -0.21 0.00	47.86 -0.20 0.00	41.08 -0.46 0.00	40.28 -0.57 0.00	38.23 -0.65 0.00	38.69 -0.68 0.00	42.82 -0.56 0.00	48.65 -0.63 0.00	41.78 -0.44 0.00	40.86 -0.34 0.00	41.24 -0.40 0.00	36.57 -0.22 0.00	35.14 0.04 0.00	32.22 0.29 0.00
SITHE___OGDNSBRG 24021	37.14 0.26 0.00	38.03 0.42 0.00	37.31 0.46 0.00	32.98 0.41 0.00	30.93 0.39 0.00	37.98 0.52 0.00	58.48 0.93 0.00	48.96 0.32 0.00	44.71 -0.24 0.00	40.80 -0.46 0.00	41.74 -0.53 0.00	47.50 -0.55 0.00	40.71 -0.84 0.00	39.89 -0.96 0.00	37.81 -1.07 0.00	38.21 -1.15 0.00	42.36 -1.02 0.00	48.26 -1.02 0.00	41.64 -0.58 0.00	41.15 -0.05 0.00	41.62 -0.01 0.00	36.95 0.15 0.00	35.53 0.43 0.00	32.51 0.57 0.00
SITHE___STERLING 23777	37.89 1.01 0.00	38.49 0.88 0.00	37.65 0.80 0.00	33.25 0.69 0.00	31.18 0.64 0.00	38.34 0.89 0.00	59.20 1.65 0.00	50.09 1.45 0.00	46.26 1.30 0.00	42.33 1.08 0.00	43.32 1.06 0.00	49.17 1.12 0.00	42.59 1.05 0.00	41.95 1.11 0.00	40.01 1.12 0.00	40.55 1.19 0.00	44.80 1.42 0.00	51.01 1.73 0.00	43.82 1.59 0.00	42.73 1.53 0.00	43.15 1.51 0.00	38.04 1.25 0.00	36.16 1.06 0.00	32.63 0.69 0.00
SLEIGHT__34_KV_TB1 80719	36.07 -0.81 0.00	36.38 -1.22 0.01	35.58 -1.27 0.00	31.45 -1.11 0.00	29.44 -1.11 0.00	36.32 -1.14 0.00	56.23 -1.32 0.00	47.50 -1.14 0.00	43.98 -0.97 0.00	40.41 -0.85 0.00	41.70 -0.57 0.00	47.52 -0.53 0.00	41.27 -0.27 0.00	40.75 -0.10 0.00	38.53 -0.35 0.00	39.06 -0.31 0.00	42.87 -0.51 0.00	48.55 -0.73 0.00	41.58 -0.65 0.00	40.41 -0.79 0.00	40.88 -0.88 -0.12	36.04 -0.76 0.00	34.47 -0.63 0.00	31.14 -0.79 0.00
SOUTH CAIRO___GT 23612	38.75 1.88 0.00	39.47 1.87 0.00	38.60 1.75 0.00	34.10 1.53 0.00	32.01 1.47 0.00	39.30 1.84 0.00	60.43 2.88 0.00	51.33 2.69 0.00	47.46 2.51 0.00	43.19 1.94 0.00	44.15 1.89 0.00	49.96 1.91 0.00	43.03 1.49 0.00	42.28 1.43 0.00	40.37 1.48 0.00	41.10 1.74 0.00	45.44 2.06 0.00	51.99 2.71 0.00	44.81 2.58 0.00	43.87 2.67 0.00	44.46 2.83 0.00	39.23 2.44 0.00	37.35 2.25 0.00	33.75 1.82 0.00
SOUTH HAMPTN___IC 23720	106.61 3.10 -66.63	41.84 2.79 -1.44	39.22 2.37 0.00	35.50 2.12 -0.81	32.47 1.93 0.00	39.74 2.28 0.00	60.63 3.08 0.00	51.63 3.00 0.00	47.99 3.04 0.00	44.54 3.29 0.00	45.12 2.86 0.00	50.78 2.72 0.00	45.18 3.63 0.00	44.64 3.80 0.00	43.21 4.14 -0.18	43.34 3.98 0.00	47.86 4.48 0.00	56.77 5.53 -1.96	46.89 4.67 0.00	45.33 4.13 0.00	45.42 3.80 0.02	39.45 2.66 0.00	37.40 2.30 0.00	33.73 1.80 0.00
SOUTHDOW_115KV_TB1 355954	37.05 0.18 0.00	37.06 -0.54 0.00	36.26 -0.59 0.00	32.04 -0.52 0.00	29.96 -0.58 0.00	37.11 -0.35 0.00	57.96 0.41 0.00	48.93 0.29 0.00	45.45 0.50 0.00	41.80 0.55 0.00	43.17 0.91 0.00	49.00 0.95 0.00	42.46 0.92 0.00	42.07 1.22 0.00	39.49 0.60 0.00	40.15 0.78 0.00	43.94 0.56 0.00	49.49 0.20 -0.01	42.19 -0.04 0.00	40.68 -0.52 0.00	40.34 -0.57 0.73	36.27 -0.52 0.00	34.79 -0.31 0.00	31.25 -0.68 0.00
SOUTHOLD_69_KV_BK 2 55809	106.98 3.47 -66.63	42.18 3.13 -1.44	39.43 2.58 0.00	35.75 2.38 -0.81	32.82 2.28 0.00	40.24 2.79 0.00	60.72 3.17 0.00	51.29 2.65 0.00	48.61 3.66 0.00	45.19 3.93 0.00	45.93 3.67 0.00	51.78 3.73 0.00	46.10 4.55 0.00	45.60 4.75 0.00	44.09 5.03 -0.18	44.20 4.84 0.00	48.74 5.36 0.00	57.64 6.40 -1.96	47.56 5.33 0.00	46.00 4.80 0.00	46.14 4.52 0.02	40.03 3.24 0.00	37.97 2.87 0.00	34.21 2.27 0.00
SOUTHOLD___IC 23719	106.98 3.48 -66.63	42.18 3.12 -1.44	39.43 2.58 0.00	35.75 2.37 -0.81	32.82 2.28 0.00	40.24 2.79 0.00	60.69 3.14 0.00	51.29 2.66 0.00	48.62 3.67 0.00	45.20 3.94 0.00	45.93 3.66 0.00	51.78 3.72 0.00	46.10 4.55 0.00	45.60 4.75 0.00	44.09 5.03 -0.18	44.21 4.84 0.00	48.74 5.36 0.00	57.64 6.40 -1.96	47.55 5.33 0.00	45.99 4.79 0.00	46.15 4.53 0.02	40.03 3.23 0.00	37.97 2.87 0.00	34.21 2.27 0.00
SOUTH_FORK_WT_PWR 323839	106.68 3.18 -66.63	41.87 2.81 -1.44	39.10 2.25 0.00	35.53 2.15 -0.81	32.70 2.16 0.00	40.15 2.69 0.00	60.72 3.17 0.00	51.69 3.05 0.00	48.71 3.76 0.00	45.13 3.87 0.00	45.90 3.63 0.00	51.80 3.74 0.00	46.13 4.59 0.00	45.67 4.82 0.00	44.15 5.09 -0.18	44.24 4.88 0.00	48.75 5.36 0.00	57.59 6.35 -1.96	47.44 5.21 0.00	45.89 4.69 0.00	46.09 4.47 0.02	39.94 3.14 0.00	37.94 2.84 0.00	34.19 2.26 0.00
SPIERFLS_115KV_TB 1 80737	39.78 2.90 0.00	40.58 2.97 0.00	39.62 2.77 0.00	34.98 2.41 0.00	32.87 2.33 0.00	40.44 2.98 0.00	62.08 4.53 0.00	52.78 4.15 0.00	48.59 3.63 0.00	44.08 2.83 0.00	44.80 2.54 0.00	51.13 3.08 0.00	44.23 2.68 0.00	43.15 2.30 0.00	41.10 2.21 0.00	41.84 2.47 0.00	46.10 2.71 0.00	53.05 3.77 0.00	46.10 3.88 0.00	44.96 3.76 0.00	45.87 4.23 0.00	40.40 3.60 0.00	38.25 3.15 0.00	34.59 2.65 0.00
ST LAWRENCE____ 23600	36.51 -0.36 0.00	37.40 -0.21 0.00	36.72 -0.14 0.00	32.45 -0.12 0.00	30.43 -0.12 0.00	37.30 -0.16 0.00	57.29 -0.26 0.00	48.20 -0.43 0.00	44.44 -0.51 0.00	40.85 -0.41 0.00	41.83 -0.43 0.00	47.60 -0.46 0.00	40.88 -0.67 0.00	40.10 -0.75 0.00	38.08 -0.81 0.00	38.55 -0.81 0.00	42.63 -0.75 0.00	48.37 -0.91 0.00	41.53 -0.69 0.00	40.56 -0.64 0.00	40.93 -0.70 0.00	36.27 -0.52 0.00	34.82 -0.28 0.00	31.93 -0.01 0.00
STATE_CA_115KV_115_LB 55624	37.50 0.63 0.00	38.23 0.62 0.00	37.38 0.53 0.00	33.06 0.49 0.00	31.07 0.53 0.00	38.05 0.59 0.00	58.38 0.83 0.00	49.57 0.93 0.00	45.87 0.91 0.00	41.93 0.67 0.00	42.96 0.69 0.00	48.80 0.75 0.00	42.37 0.83 0.00	41.66 0.81 0.00	39.68 0.80 0.00	40.12 0.76 0.00	44.17 0.79 0.00	50.42 1.14 0.00	43.20 0.97 0.00	42.17 0.97 0.00	42.72 1.09 0.00	37.72 0.93 0.00	36.00 0.90 0.00	32.59 0.66 0.00

STATE_ST_34_KV_LOAD 55959	37.22 0.34 0.00	37.73 0.12 0.00	36.94 0.09 0.00	32.61 0.04 0.00	30.43 -0.11 0.00	37.37 -0.09 0.00	57.72 0.17 0.00	48.84 0.20 0.00	45.10 0.15 0.00	41.27 0.01 0.00	42.37 0.11 0.00	48.14 0.09 0.00	41.81 0.27 0.00	41.07 0.22 0.00	39.21 0.32 0.00	39.76 0.39 0.00	43.86 0.48 0.00	49.81 0.54 0.00	42.56 0.34 0.00	41.51 0.30 0.00	41.93 0.30 0.00	37.00 0.21 0.00	35.22 0.12 0.00	31.83 -0.11 0.00
STATION 5_MISC_HYD 23604	36.37 -0.50 0.00	36.64 -0.96 0.01	35.86 -0.99 0.00	31.67 -0.89 0.00	29.62 -0.93 0.00	36.56 -0.90 0.00	56.61 -0.94 0.00	47.78 -0.86 0.00	44.23 -0.72 0.00	40.65 -0.60 0.00	41.94 -0.32 0.00	47.61 -0.45 0.00	41.36 -0.19 0.00	40.85 0.00 0.00	38.51 -0.37 0.00	39.01 -0.35 0.00	42.78 -0.60 0.00	48.37 -0.91 0.00	41.42 -0.81 0.00	40.23 -0.97 0.00	40.71 -1.04 -0.11	35.99 -0.80 0.00	34.51 -0.58 0.00	31.20 -0.74 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	36.81 -0.07 0.00	37.11 -0.49 0.00	36.31 -0.54 0.00	32.08 -0.49 0.00	30.02 -0.53 0.00	37.03 -0.42 0.00	57.33 -0.22 0.00	48.54 -0.09 0.00	44.91 -0.04 0.00	41.23 -0.02 0.00	42.45 0.19 0.00	48.22 0.17 0.00	41.89 0.34 0.00	41.34 0.49 0.00	39.13 0.25 0.00	39.67 0.31 0.00	43.55 0.17 0.00	49.33 0.05 0.00	42.22 0.00 0.00	41.02 -0.19 0.00	41.47 -0.24 -0.07	36.61 -0.18 0.00	34.99 -0.11 0.00	31.60 -0.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.19 -0.68 0.00	36.48 -1.12 0.01	35.69 -1.16 0.00	31.53 -1.04 0.00	29.50 -1.05 0.00	36.40 -1.06 0.00	56.32 -1.22 0.00	47.59 -1.04 0.00	44.07 -0.88 0.00	40.52 -0.73 0.00	41.78 -0.49 0.00	47.44 -0.62 0.00	41.20 -0.34 0.00	40.69 -0.16 0.00	38.39 -0.49 0.00	38.89 -0.47 0.00	42.66 -0.72 0.00	48.25 -1.03 0.00	41.30 -0.93 0.00	40.13 -1.08 0.00	40.59 -1.15 -0.10	35.88 -0.91 0.00	34.38 -0.72 0.00	31.08 -0.85 0.00
STA_56___34_KV_BUS2 355983	36.19 -0.68 0.00	36.48 -1.12 0.01	35.69 -1.16 0.00	31.53 -1.04 0.00	29.50 -1.05 0.00	36.40 -1.06 0.00	56.32 -1.22 0.00	47.59 -1.04 0.00	44.07 -0.88 0.00	40.52 -0.73 0.00	41.78 -0.49 0.00	47.44 -0.62 0.00	41.20 -0.34 0.00	40.69 -0.16 0.00	38.39 -0.49 0.00	38.89 -0.47 0.00	42.66 -0.72 0.00	48.25 -1.03 0.00	41.30 -0.93 0.00	40.13 -1.08 0.00	40.59 -1.15 -0.10	35.88 -0.91 0.00	34.38 -0.72 0.00	31.08 -0.85 0.00
STA_67___115KV_BK2 355882	36.28 -0.59 0.00	36.57 -1.04 0.01	35.77 -1.08 0.00	31.60 -0.96 0.00	29.56 -0.98 0.00	36.48 -0.98 0.00	56.46 -1.09 0.00	47.66 -0.97 0.00	44.14 -0.81 0.00	40.57 -0.68 0.00	41.84 -0.42 0.00	47.48 -0.57 0.00	41.24 -0.31 0.00	40.73 -0.12 0.00	38.40 -0.49 0.00	38.90 -0.47 0.00	42.65 -0.73 0.00	48.25 -1.03 0.00	41.28 -0.95 0.00	40.12 -1.08 0.00	40.61 -1.15 -0.11	35.89 -0.91 0.00	34.42 -0.68 0.00	31.12 -0.81 0.00
STA_7___115KV_9TRANS 80674	36.55 -0.32 0.00	36.82 -0.78 0.01	36.02 -0.83 0.00	31.81 -0.75 0.00	29.75 -0.79 0.00	36.74 -0.72 0.00	56.86 -0.69 0.00	48.02 -0.61 0.00	44.47 -0.48 0.00	40.90 -0.35 0.00	42.19 -0.08 0.00	47.89 -0.16 0.00	41.61 0.07 0.00	41.10 0.25 0.00	38.76 -0.13 0.00	39.28 -0.09 0.00	43.06 -0.32 0.00	48.70 -0.57 0.00	41.70 -0.53 0.00	40.51 -0.69 0.00	40.98 -0.77 -0.11	36.22 -0.57 0.00	34.72 -0.38 0.00	31.37 -0.57 0.00
STA_82___115KV_TB1 80780	36.30 -0.58 0.00	36.58 -1.02 0.01	35.80 -1.06 0.00	31.62 -0.95 0.00	29.56 -0.98 0.00	36.49 -0.97 0.00	56.49 -1.06 0.00	47.69 -0.94 0.00	44.16 -0.79 0.00	40.59 -0.66 0.00	41.85 -0.41 0.00	47.50 -0.55 0.00	41.26 -0.28 0.00	40.74 -0.11 0.00	38.41 -0.48 0.00	38.92 -0.44 0.00	42.67 -0.71 0.00	48.26 -1.02 0.00	41.32 -0.91 0.00	40.14 -1.06 0.00	40.61 -1.13 -0.09	35.91 -0.88 0.00	34.45 -0.66 0.00	31.13 -0.80 0.00
STEEL___WIND 323596	36.12 -0.75 0.00	36.17 -1.43 0.00	35.45 -1.40 0.00	31.32 -1.24 0.00	29.24 -1.30 0.00	36.19 -1.27 0.00	56.22 -1.33 0.00	47.25 -1.39 0.00	43.79 -1.17 0.00	40.27 -0.98 0.00	41.70 -0.56 0.00	47.29 -0.76 0.00	41.12 -0.42 0.00	40.70 -0.15 0.00	38.11 -0.77 0.00	38.64 -0.73 0.00	42.20 -1.18 0.00	47.54 -1.75 -0.01	40.60 -1.63 0.00	39.19 -2.01 0.00	38.75 -2.10 0.79	35.12 -1.67 0.00	33.87 -1.23 0.00	30.54 -1.39 0.00
STEPHTWN_115KV_BK_2 55603	37.76 0.88 0.00	38.41 0.80 0.00	37.44 0.59 0.00	33.19 0.63 0.00	31.15 0.61 0.00	38.18 0.72 0.00	58.68 1.13 0.00	49.81 1.17 0.00	46.10 1.15 0.00	42.22 0.96 0.00	43.25 0.99 0.00	48.98 0.93 0.00	42.51 0.96 0.00	41.77 0.92 0.00	39.82 0.93 0.00	40.32 0.95 0.00	44.44 1.06 0.00	50.86 1.58 0.00	43.51 1.28 0.00	42.44 1.24 0.00	42.95 1.32 0.00	37.90 1.11 0.00	36.14 1.04 0.00	32.68 0.75 0.00
STEUBEN_REC_LFGE 323667	38.85 1.97 0.00	38.82 1.21 0.00	37.89 1.04 0.00	33.50 0.93 0.00	31.37 0.83 0.00	38.84 1.38 0.00	60.70 3.15 0.00	51.66 3.02 0.00	47.80 2.85 0.00	43.81 2.56 0.00	45.04 2.78 0.00	51.16 3.10 0.00	44.35 2.81 0.00	43.93 3.08 0.00	41.25 2.36 0.00	41.85 2.48 0.00	46.03 2.65 0.00	52.16 2.88 0.00	44.45 2.22 0.00	43.05 1.85 0.00	43.12 1.83 0.35	38.34 1.55 0.00	36.64 1.54 0.00	32.70 0.76 0.00
STILLWATER___SOLAR 323814	39.09 2.22 0.00	39.88 2.27 0.00	38.98 2.13 0.00	34.42 1.86 0.00	32.34 1.80 0.00	39.74 2.28 0.00	60.99 3.44 0.00	51.75 3.11 0.00	47.72 2.77 0.00	43.40 2.15 0.00	44.32 2.06 0.00	50.48 2.43 0.00	43.72 2.18 0.00	42.90 2.06 0.00	40.82 1.94 0.00	41.39 2.02 0.00	45.63 2.25 0.00	52.31 3.04 0.00	45.16 2.94 0.00	44.10 2.90 0.00	44.83 3.19 0.00	39.50 2.70 0.00	37.45 2.35 0.00	33.90 1.97 0.00
STONY___BROOK 24151	106.49 2.99 -66.63	41.78 2.73 -1.44	39.26 2.41 0.00	35.50 2.13 -0.81	32.41 1.87 0.00	39.61 2.15 0.00	60.68 3.13 0.00	51.66 3.02 0.00	47.82 2.87 0.00	44.15 2.90 0.00	44.57 2.31 0.00	50.02 1.96 0.00	44.66 3.12 0.00	44.13 3.29 0.00	42.68 3.62 -0.18	42.74 3.37 0.00	46.96 3.58 0.00	55.50 4.26 -1.96	45.89 3.67 0.00	44.70 3.49 0.00	44.85 3.23 0.02	39.15 2.35 0.00	37.09 1.99 0.00	33.53 1.60 0.00
STURGEON_POOL_HYD 23609	38.75 1.88 0.00	39.25 1.64 0.00	38.27 1.43 0.00	33.84 1.27 0.00	31.73 1.18 0.00	38.79 1.33 0.00	59.74 2.19 0.00	50.94 2.30 0.00	47.23 2.28 0.00	43.31 2.06 0.00	44.35 2.09 0.00	50.38 2.32 0.00	44.06 2.51 0.00	43.36 2.52 0.00	41.49 2.60 0.00	41.97 2.61 0.00	46.23 2.85 0.00	52.47 3.19 0.00	44.71 2.49 0.00	43.42 2.21 0.00	43.77 2.16 0.02	38.58 1.79 0.00	36.47 1.37 0.00	32.83 0.90 0.00
ST_LAW_115_BK7_LBMP 345037	36.47 -0.41 0.00	37.37 -0.24 0.00	36.68 -0.17 0.00	32.42 -0.15 0.00	30.40 -0.15 0.00	37.27 -0.19 0.00	57.24 -0.31 0.00	48.15 -0.48 0.00	44.37 -0.58 0.00	40.78 -0.47 0.00	41.76 -0.50 0.00	47.52 -0.54 0.00	40.79 -0.75 0.00	40.00 -0.85 0.00	37.98 -0.91 0.00	38.45 -0.92 0.00	42.54 -0.84 0.00	48.30 -0.98 0.00	41.47 -0.76 0.00	40.52 -0.68 0.00	40.89 -0.74 0.00	36.25 -0.55 0.00	34.80 -0.30 0.00	31.93 0.00 0.00

ST_LAW_115_BK8_LBMP 345038	36.47 -0.41 0.00	37.37 -0.24 0.00	36.68 -0.17 0.00	32.42 -0.15 0.00	30.40 -0.15 0.00	37.27 -0.19 0.00	57.24 -0.31 0.00	48.15 -0.48 0.00	44.37 -0.58 0.00	40.78 -0.47 0.00	41.76 -0.50 0.00	47.52 -0.54 0.00	40.79 -0.75 0.00	40.00 -0.85 0.00	37.98 -0.91 0.00	38.45 -0.92 0.00	42.54 -0.84 0.00	48.30 -0.98 0.00	41.47 -0.76 0.00	40.52 -0.68 0.00	40.89 -0.74 0.00	36.25 -0.55 0.00	34.80 -0.30 0.00	31.93 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	36.51 -0.36 0.00	37.40 -0.21 0.00	36.72 -0.14 0.00	32.45 -0.12 0.00	30.43 -0.12 0.00	37.30 -0.16 0.00	57.29 -0.26 0.00	48.20 -0.43 0.00	44.44 -0.51 0.00	40.85 -0.41 0.00	41.83 -0.43 0.00	47.60 -0.46 0.00	40.88 -0.67 0.00	40.10 -0.75 0.00	38.08 -0.81 0.00	38.55 -0.81 0.00	42.63 -0.75 0.00	48.37 -0.91 0.00	41.53 -0.69 0.00	40.56 -0.64 0.00	40.93 -0.70 0.00	36.27 -0.52 0.00	34.82 -0.28 0.00	31.93 -0.01 0.00
ST_LAW_230_BK6_LBMP 345036	36.51 -0.36 0.00	37.40 -0.21 0.00	36.72 -0.14 0.00	32.45 -0.12 0.00	30.43 -0.12 0.00	37.30 -0.16 0.00	57.29 -0.26 0.00	48.20 -0.43 0.00	44.44 -0.51 0.00	40.85 -0.41 0.00	41.83 -0.43 0.00	47.60 -0.46 0.00	40.88 -0.67 0.00	40.10 -0.75 0.00	38.08 -0.81 0.00	38.55 -0.81 0.00	42.63 -0.75 0.00	48.37 -0.91 0.00	41.53 -0.69 0.00	40.56 -0.64 0.00	40.93 -0.70 0.00	36.27 -0.52 0.00	34.82 -0.28 0.00	31.93 -0.01 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	38.68 1.81 0.00	39.23 1.62 0.00	38.26 1.41 0.00	33.83 1.26 0.00	31.74 1.19 0.00	38.81 1.35 0.00	59.78 2.23 0.00	50.92 2.28 0.00	47.20 2.25 0.00	43.25 2.00 0.00	44.32 2.05 0.00	50.32 2.27 0.00	43.92 2.38 0.00	43.26 2.41 0.00	41.37 2.49 0.00	41.89 2.53 0.00	46.14 2.76 0.00	52.42 3.14 0.00	44.72 2.49 0.00	43.44 2.24 0.00	43.83 2.21 0.02	38.63 1.83 0.00	36.58 1.48 0.00	32.94 1.01 0.00
SWANROAD_115KV_TB1 355699	35.05 -1.82 0.00	35.14 -2.47 0.01	34.42 -2.43 0.00	30.41 -2.16 0.00	28.37 -2.17 0.00	35.16 -2.30 0.00	54.46 -3.09 0.00	45.68 -2.95 0.00	42.32 -2.63 0.00	38.90 -2.35 0.00	40.26 -2.00 0.00	45.55 -2.51 0.00	39.65 -1.90 0.00	39.17 -1.67 0.00	36.61 -2.28 0.00	37.06 -2.31 0.00	40.40 -2.98 0.00	45.48 -3.80 0.00	38.88 -3.35 0.00	37.63 -3.57 0.00	37.20 -3.67 0.77	33.91 -2.89 0.00	32.86 -2.24 0.00	29.73 -2.20 0.00
SYNERGY___BIOGAS 323694	36.82 -0.05 0.00	36.92 -0.68 0.01	36.12 -0.73 0.00	31.89 -0.68 0.00	29.78 -0.76 0.00	36.89 -0.57 0.00	57.33 -0.22 0.00	48.33 -0.31 0.00	44.75 -0.20 0.00	41.04 -0.22 0.00	42.40 0.13 0.00	48.10 0.05 0.00	41.83 0.28 0.00	41.31 0.46 0.00	38.82 -0.07 0.00	39.27 -0.10 0.00	42.89 -0.49 0.00	48.50 -0.78 0.00	41.51 -0.72 0.00	40.29 -0.92 0.00	40.25 -0.99 0.40	36.09 -0.70 0.00	34.74 -0.36 0.00	31.35 -0.59 0.00
SYRACUSE___ENERGY_ST1 323597	36.82 -0.05 0.00	37.36 -0.25 0.00	36.55 -0.30 0.00	32.30 -0.26 0.00	30.26 -0.28 0.00	37.18 -0.27 0.00	57.34 -0.21 0.00	48.53 -0.11 0.00	44.87 -0.08 0.00	41.13 -0.13 0.00	42.23 -0.03 0.00	48.01 -0.04 0.00	41.64 0.10 0.00	41.02 0.17 0.00	39.08 0.19 0.00	39.58 0.21 0.00	43.58 0.20 0.00	49.51 0.23 0.00	42.40 0.18 0.00	41.31 0.11 0.00	41.72 0.09 0.00	36.82 0.02 0.00	35.05 -0.05 0.00	31.73 -0.20 0.00
SYRACUSE___ENERGY_ST2 323598	36.82 -0.05 0.00	37.36 -0.25 0.00	36.55 -0.30 0.00	32.30 -0.26 0.00	30.26 -0.28 0.00	37.18 -0.27 0.00	57.34 -0.21 0.00	48.53 -0.11 0.00	44.87 -0.08 0.00	41.13 -0.13 0.00	42.23 -0.03 0.00	48.01 -0.04 0.00	41.64 0.10 0.00	41.02 0.17 0.00	39.08 0.19 0.00	39.58 0.21 0.00	43.58 0.20 0.00	49.51 0.23 0.00	42.40 0.18 0.00	41.31 0.11 0.00	41.72 0.09 0.00	36.82 0.02 0.00	35.05 -0.05 0.00	31.73 -0.20 0.00
SYRACUSE___POWER 24017	36.83 -0.05 0.00	37.34 -0.26 0.00	36.54 -0.31 0.00	32.29 -0.28 0.00	30.26 -0.28 0.00	37.19 -0.27 0.00	57.39 -0.16 0.00	48.57 -0.07 0.00	44.92 -0.03 0.00	41.19 -0.06 0.00	42.27 0.01 0.00	48.08 0.03 0.00	41.70 0.15 0.00	41.10 0.25 0.00	39.14 0.26 0.00	39.65 0.29 0.00	43.65 0.26 0.00	49.58 0.30 0.00	42.44 0.22 0.00	41.35 0.15 0.00	41.77 0.14 0.00	36.86 0.07 0.00	35.09 -0.01 0.00	31.75 -0.18 0.00
TALLMAN___138KV_BK151 55660	38.91 2.04 0.00	39.44 1.83 0.00	38.45 1.60 0.00	34.00 1.44 0.00	31.91 1.36 0.00	39.00 1.54 0.00	60.11 2.56 0.00	51.25 2.62 0.00	47.52 2.57 0.00	43.57 2.32 0.00	44.66 2.40 0.00	50.72 2.67 0.00	44.30 2.76 0.00	43.63 2.78 0.00	41.77 2.88 0.00	42.31 2.95 0.00	46.61 3.23 0.00	52.89 3.61 0.00	45.06 2.83 0.00	43.74 2.54 0.00	44.11 2.50 0.02	38.85 2.06 0.00	36.78 1.68 0.00	33.08 1.15 0.00
TEALLAVE_115KV_TB7 355573	36.62 -0.26 0.00	37.14 -0.46 0.00	36.34 -0.51 0.00	32.11 -0.46 0.00	30.10 -0.44 0.00	36.99 -0.47 0.00	57.06 -0.49 0.00	48.30 -0.34 0.00	44.67 -0.28 0.00	40.98 -0.28 0.00	42.07 -0.19 0.00	47.84 -0.21 0.00	41.48 -0.07 0.00	40.88 0.03 0.00	38.92 0.04 0.00	39.42 0.06 0.00	43.37 -0.01 0.00	49.26 -0.02 0.00	42.18 -0.05 0.00	41.09 -0.11 0.00	41.51 -0.13 0.00	36.63 -0.16 0.00	34.89 -0.21 0.00	31.59 -0.35 0.00
TELGRAPH_34_KV_EAST 80808	36.03 -0.84 0.00	36.13 -1.47 0.01	35.37 -1.49 0.00	31.23 -1.33 0.00	29.16 -1.38 0.00	36.13 -1.33 0.00	56.05 -1.50 0.00	47.13 -1.50 0.00	43.65 -1.30 0.00	40.10 -1.16 0.00	41.47 -0.79 0.00	46.98 -1.07 0.00	40.89 -0.66 0.00	40.41 -0.44 0.00	37.83 -1.06 0.00	38.30 -1.07 0.00	41.81 -1.57 0.00	47.16 -2.13 0.00	40.32 -1.91 0.00	39.06 -2.14 0.00	38.88 -2.21 0.55	35.08 -1.71 0.00	33.88 -1.23 0.00	30.61 -1.33 0.00
TEMPLE___115KV_TB 2 55572	36.64 -0.23 0.00	37.16 -0.44 0.00	36.35 -0.50 0.00	32.13 -0.44 0.00	30.11 -0.43 0.00	37.01 -0.45 0.00	57.08 -0.47 0.00	48.31 -0.32 0.00	44.70 -0.25 0.00	41.01 -0.25 0.00	42.11 -0.16 0.00	47.87 -0.18 0.00	41.52 -0.03 0.00	40.92 0.07 0.00	38.96 0.07 0.00	39.46 0.10 0.00	43.41 0.03 0.00	49.31 0.03 0.00	42.21 -0.02 0.00	41.11 -0.09 0.00	41.53 -0.11 0.00	36.66 -0.13 0.00	34.90 -0.19 0.00	31.60 -0.33 0.00
TIANA____69_KV_BK 1 55817	106.54 3.04 -66.63	41.80 2.74 -1.44	39.19 2.34 0.00	35.45 2.08 -0.81	32.40 1.86 0.00	39.64 2.18 0.00	60.57 3.02 0.00	51.54 2.90 0.00	47.82 2.86 0.00	44.38 3.13 0.00	44.94 2.68 0.00	50.55 2.50 0.00	44.97 3.43 0.00	44.44 3.59 0.00	42.99 3.93 -0.18	43.13 3.77 0.00	47.64 4.26 0.00	56.53 5.29 -1.96	46.74 4.51 0.00	45.17 3.97 0.00	45.24 3.63 0.02	39.33 2.54 0.00	37.27 2.17 0.00	33.63 1.69 0.00
TILDEN___115KV_TB1 80814	36.83 -0.05 0.00	37.34 -0.26 0.00	36.54 -0.31 0.00	32.29 -0.28 0.00	30.26 -0.28 0.00	37.19 -0.27 0.00	57.39 -0.16 0.00	48.57 -0.07 0.00	44.92 -0.03 0.00	41.19 -0.06 0.00	42.27 0.01 0.00	48.08 0.03 0.00	41.70 0.15 0.00	41.10 0.25 0.00	39.14 0.26 0.00	39.65 0.29 0.00	43.65 0.26 0.00	49.58 0.30 0.00	42.44 0.22 0.00	41.35 0.15 0.00	41.77 0.14 0.00	36.86 0.07 0.00	35.09 -0.01 0.00	31.75 -0.18 0.00

TRIGEN___CC 323695	106.35 2.84 -66.63	41.69 2.64 -1.44	39.21 2.36 0.00	35.50 2.13 -0.81	32.47 1.92 0.00	39.67 2.21 0.00	60.82 3.27 0.00	51.71 3.08 0.00	47.95 3.00 0.00	44.10 2.84 0.00	44.91 2.65 0.00	50.77 2.72 0.00	44.78 3.24 0.00	44.19 3.34 0.00	42.68 3.61 -0.18	42.90 3.54 0.00	47.10 3.72 0.00	55.38 4.14 -1.96	45.70 3.48 0.00	44.42 3.22 0.00	44.67 3.05 0.02	39.29 2.50 0.00	37.26 2.16 0.00	33.58 1.65 0.00
TRINITY___115KV___4 BK 55933	37.33 0.46 0.00	38.08 0.47 0.00	37.23 0.38 0.00	32.93 0.37 0.00	30.94 0.39 0.00	37.90 0.44 0.00	58.11 0.56 0.00	49.34 0.71 0.00	45.66 0.71 0.00	41.73 0.47 0.00	42.75 0.48 0.00	48.56 0.51 0.00	42.15 0.61 0.00	41.44 0.58 0.00	39.45 0.57 0.00	39.87 0.50 0.00	43.88 0.50 0.00	50.11 0.83 0.00	42.95 0.72 0.00	41.93 0.73 0.00	42.50 0.86 0.00	37.54 0.74 0.00	35.83 0.72 0.00	32.44 0.51 0.00
UNION___PROCESSING_DRP 323587	36.30 -0.57 0.00	36.59 -1.02 0.01	35.80 -1.06 0.00	31.62 -0.94 0.00	29.57 -0.97 0.00	36.51 -0.95 0.00	56.51 -1.05 0.00	47.71 -0.93 0.00	44.18 -0.77 0.00	40.61 -0.64 0.00	41.87 -0.40 0.00	47.51 -0.54 0.00	41.27 -0.28 0.00	40.76 -0.09 0.00	38.43 -0.46 0.00	38.93 -0.43 0.00	42.68 -0.70 0.00	48.27 -1.01 0.00	41.32 -0.91 0.00	40.15 -1.05 0.00	40.61 -1.11 -0.09	35.93 -0.87 0.00	34.45 -0.65 0.00	31.15 -0.79 0.00
UPPER HUDSON___HYD 24058	39.78 2.90 0.00	40.58 2.97 0.00	39.62 2.77 0.00	34.98 2.41 0.00	32.87 2.33 0.00	40.44 2.98 0.00	62.08 4.53 0.00	52.79 4.15 0.00	48.59 3.64 0.00	44.08 2.83 0.00	44.80 2.54 0.00	51.13 3.08 0.00	44.23 2.68 0.00	43.15 2.30 0.00	41.10 2.21 0.00	41.84 2.48 0.00	46.10 2.72 0.00	53.05 3.77 0.00	46.11 3.88 0.00	44.96 3.76 0.00	45.87 4.23 0.00	40.40 3.60 0.00	38.25 3.15 0.00	34.58 2.65 0.00
UPPER RAQUET___HYD 24056	36.21 -0.66 0.00	37.11 -0.50 0.00	36.40 -0.45 0.00	32.18 -0.39 0.00	30.19 -0.35 0.00	37.05 -0.41 0.00	57.03 -0.52 0.00	47.85 -0.79 0.00	43.86 -1.09 0.00	39.90 -1.36 0.00	40.81 -1.45 0.00	46.42 -1.64 0.00	39.80 -1.75 0.00	39.01 -1.84 0.00	36.94 -1.95 0.00	37.26 -2.10 0.00	41.32 -2.07 0.00	47.15 -2.13 0.00	40.61 -1.62 0.00	39.89 -1.31 0.00	40.33 -1.31 0.00	35.90 -0.89 0.00	34.57 -0.53 0.00	31.53 -0.40 0.00
VALLEY44_115KV_TB2 355964	36.64 -0.23 0.00	36.68 -0.92 0.00	35.90 -0.95 0.00	31.72 -0.84 0.00	29.71 -0.84 0.00	36.76 -0.70 0.00	57.30 -0.25 0.00	48.48 -0.16 0.00	44.96 0.01 0.00	41.39 0.13 0.00	42.62 0.35 0.00	48.35 0.30 0.00	41.94 0.39 0.00	41.55 0.70 0.00	39.02 0.13 0.00	39.66 0.29 0.00	43.58 0.19 0.00	49.15 -0.13 -0.01	41.91 -0.32 0.00	40.32 -0.88 0.00	39.98 -0.96 0.70	35.93 -0.86 0.00	34.56 -0.54 0.00	31.02 -0.91 0.00
VALLEY___115KV_TB 1-4 80826	37.31 0.44 0.00	37.96 0.35 0.00	37.00 0.15 0.00	32.64 0.07 0.00	30.60 0.05 0.00	37.56 0.10 0.00	57.76 0.21 0.00	48.97 0.33 0.00	45.16 0.21 0.00	41.14 -0.12 0.00	42.05 -0.22 0.00	47.98 -0.07 0.00	41.67 0.13 0.00	40.91 0.06 0.00	39.13 0.25 0.00	39.69 0.32 0.00	43.68 0.29 0.00	49.81 0.53 0.00	42.86 0.63 0.00	41.78 0.58 0.00	42.25 0.61 0.00	37.20 0.41 0.00	35.22 0.12 0.00	31.84 -0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	38.42 1.54 0.00	38.97 1.36 0.00	38.15 1.30 0.00	33.71 1.14 0.00	31.60 1.06 0.00	38.77 1.31 0.00	59.75 2.20 0.00	50.68 2.05 0.00	46.88 1.93 0.00	43.00 1.74 0.00	44.06 1.79 0.00	50.02 1.97 0.00	43.48 1.94 0.00	42.82 1.97 0.00	40.84 1.96 0.00	41.39 2.02 0.00	45.58 2.20 0.00	51.81 2.53 0.00	44.35 2.13 0.00	43.14 1.94 0.00	43.43 1.87 0.08	38.34 1.55 0.00	36.39 1.29 0.00	32.87 0.94 0.00
VISCHER___FERRY HYD 24020	38.14 1.27 0.00	38.98 1.37 0.00	38.10 1.25 0.00	33.69 1.13 0.00	31.66 1.12 0.00	38.82 1.36 0.00	59.49 1.94 0.00	50.50 1.87 0.00	46.71 1.76 0.00	42.59 1.33 0.00	43.62 1.36 0.00	49.60 1.54 0.00	42.97 1.43 0.00	42.19 1.34 0.00	40.11 1.22 0.00	40.51 1.14 0.00	44.59 1.21 0.00	51.04 1.76 0.00	43.86 1.64 0.00	42.86 1.66 0.00	43.54 1.90 0.00	38.40 1.61 0.00	36.47 1.37 0.00	33.05 1.12 0.00
V_A_10_SYNC_DSASP 323832	35.54 -1.33 0.00	35.70 -1.90 0.01	34.97 -1.88 0.00	30.89 -1.67 0.00	28.86 -1.69 0.00	35.67 -1.78 0.00	55.26 -2.29 0.00	46.52 -2.12 0.00	43.07 -1.89 0.00	39.58 -1.68 0.00	40.91 -1.36 0.00	46.36 -1.70 0.00	40.29 -1.25 0.00	39.81 -1.04 0.00	37.35 -1.54 0.00	37.84 -1.52 0.00	41.40 -1.99 0.00	46.69 -2.59 0.00	39.93 -2.29 0.00	38.74 -2.46 0.00	39.54 -2.58 -0.48	34.77 -2.03 0.00	33.54 -1.56 0.00	30.33 -1.61 0.00
V_CMM_10_SYNC_DSASP 323787	36.67 -0.20 0.00	37.56 -0.05 0.00	36.87 0.02 0.00	32.58 0.02 0.00	30.56 0.01 0.00	37.47 0.01 0.00	57.56 0.01 0.00	48.43 -0.21 0.00	44.61 -0.34 0.00	41.01 -0.24 0.00	41.99 -0.27 0.00	47.78 -0.27 0.00	41.02 -0.52 0.00	40.23 -0.61 0.00	38.20 -0.69 0.00	38.67 -0.69 0.00	42.78 -0.61 0.00	48.57 -0.71 0.00	41.70 -0.52 0.00	40.75 -0.45 0.00	41.12 -0.52 0.00	36.44 -0.35 0.00	34.99 -0.11 0.00	32.11 0.18 0.00
V_CMP_10_SYNC_DSASP 323788	37.83 0.96 0.00	38.86 1.25 0.00	38.11 1.26 0.00	33.85 1.28 0.00	31.84 1.29 0.00	39.00 1.54 0.00	59.74 2.18 0.00	50.82 2.18 0.00	46.61 1.66 0.00	42.48 1.23 0.00	43.64 1.37 0.00	49.63 1.58 0.00	42.50 0.96 0.00	41.68 0.84 0.00	39.53 0.64 0.00	40.29 0.92 0.00	44.45 1.07 0.00	50.84 1.56 0.00	43.64 1.42 0.00	41.85 0.65 0.00	41.78 0.14 0.00	36.84 0.04 0.00	35.32 0.22 0.00	32.35 0.41 0.00
V_D_10_SYNC_DSASP 323841	36.79 -0.09 0.00	37.68 0.07 0.00	36.98 0.13 0.00	32.68 0.12 0.00	30.65 0.11 0.00	37.59 0.13 0.00	57.81 0.26 0.00	48.61 -0.02 0.00	44.75 -0.20 0.00	41.08 -0.18 0.00	42.07 -0.20 0.00	47.86 -0.19 0.00	41.08 -0.46 0.00	40.29 -0.56 0.00	38.24 -0.65 0.00	38.70 -0.67 0.00	42.82 -0.56 0.00	48.66 -0.62 0.00	41.79 -0.44 0.00	40.87 -0.33 0.00	41.24 -0.40 0.00	36.57 -0.22 0.00	35.14 0.04 0.00	32.22 0.29 0.00
V_E_10_SYNC_DSASP 323830	39.92 3.04 0.00	40.28 2.67 0.00	39.43 2.58 0.00	34.81 2.24 0.00	32.66 2.12 0.00	40.31 2.85 0.00	62.64 5.09 0.00	53.13 4.49 0.00	49.03 4.08 0.00	44.75 3.49 0.00	45.74 3.48 0.00	51.93 3.88 0.00	45.11 3.56 0.00	44.65 3.80 0.00	42.44 3.56 0.00	42.84 3.47 0.00	47.45 4.06 0.00	54.11 4.84 0.00	46.55 4.32 0.00	45.15 3.95 0.00	45.22 3.72 0.13	39.82 3.03 0.00	37.42 2.33 0.00	33.67 1.73 0.00
V_F_30_NSYNC___DSASP 323816	39.17 2.30 0.00	39.95 2.34 0.00	39.06 2.21 0.00	34.49 1.92 0.00	32.40 1.86 0.00	39.81 2.35 0.00	61.11 3.57 0.00	51.85 3.22 0.00	47.82 2.87 0.00	43.53 2.27 0.00	44.46 2.19 0.00	50.63 2.58 0.00	43.86 2.31 0.00	43.03 2.18 0.00	40.94 2.06 0.00	41.51 2.15 0.00	45.77 2.38 0.00	52.46 3.18 0.00	45.28 3.06 0.00	44.21 3.01 0.00	44.92 3.29 0.00	39.58 2.79 0.00	37.53 2.43 0.00	33.96 2.03 0.00

V_F_30_SYNC_DSASP 323786	37.50 0.62 0.00	38.23 0.62 0.00	37.38 0.53 0.00	33.06 0.49 0.00	31.07 0.53 0.00	38.05 0.59 0.00	58.38 0.83 0.00	49.57 0.93 0.00	45.87 0.91 0.00	41.93 0.67 0.00	42.96 0.69 0.00	48.80 0.75 0.00	42.36 0.82 0.00	41.65 0.80 0.00	39.68 0.79 0.00	40.12 0.75 0.00	44.16 0.78 0.00	50.42 1.14 0.00	43.20 0.97 0.00	42.16 0.96 0.00	42.72 1.08 0.00	37.72 0.93 0.00	36.00 0.90 0.00	32.59 0.66 0.00
V_XM_10_SYNC_DSASP 323789	37.83 0.96 0.00	38.86 1.25 0.00	38.11 1.26 0.00	33.85 1.28 0.00	31.84 1.29 0.00	39.00 1.54 0.00	59.74 2.18 0.00	50.82 2.18 0.00	46.61 1.66 0.00	42.48 1.23 0.00	43.64 1.37 0.00	49.63 1.58 0.00	42.50 0.96 0.00	41.68 0.84 0.00	39.53 0.64 0.00	40.29 0.92 0.00	44.45 1.07 0.00	50.84 1.56 0.00	43.64 1.42 0.00	41.85 0.65 0.00	41.78 0.14 0.00	36.84 0.04 0.00	35.32 0.22 0.00	32.35 0.41 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.04 2.16 0.00	39.57 1.96 0.00	38.59 1.74 0.00	34.13 1.56 0.00	32.01 1.47 0.00	39.15 1.69 0.00	60.33 2.78 0.00	51.45 2.81 0.00	47.70 2.75 0.00	43.74 2.48 0.00	44.81 2.54 0.00	50.90 2.85 0.00	44.46 2.92 0.00	43.80 2.95 0.00	41.92 3.03 0.00	42.46 3.10 0.00	46.78 3.40 0.00	53.07 3.79 0.00	45.21 2.99 0.00	43.89 2.69 0.00	44.27 2.65 0.02	38.99 2.20 0.00	36.90 1.80 0.00	33.20 1.26 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	39.35 2.48 0.00	39.86 2.24 0.00	38.81 1.96 0.00	34.36 1.79 0.00	32.22 1.68 0.00	39.37 1.91 0.00	60.62 3.07 0.00	51.63 2.99 0.00	47.91 2.96 0.00	43.96 2.71 0.00	45.04 2.77 0.00	51.13 3.08 0.00	44.73 3.19 0.00	44.05 3.20 0.00	42.19 3.30 0.00	42.71 3.34 0.00	47.00 3.62 0.00	53.25 3.96 0.00	45.34 3.12 0.00	43.99 2.79 0.00	44.34 2.72 0.02	39.15 2.35 0.00	37.07 1.97 0.00	33.35 1.42 0.00
W50THST__13_KV_LOAD 356117	39.52 2.65 0.00	40.04 2.43 0.00	38.98 2.13 0.00	34.50 1.94 0.00	32.36 1.82 0.00	39.55 2.10 0.00	60.93 3.38 0.00	51.92 3.29 0.00	48.20 3.25 0.00	44.23 2.98 0.00	45.32 3.05 0.00	51.46 3.41 0.00	45.00 3.46 0.00	44.33 3.48 0.00	42.45 3.56 0.00	42.96 3.60 0.00	47.29 3.91 0.00	53.57 4.29 0.00	45.59 3.37 0.00	44.20 3.01 0.00	44.54 2.93 0.02	39.33 2.54 0.00	37.23 2.13 0.00	33.50 1.57 0.00
WADING RIVER_IC_1 23522	106.03 2.52 -66.63	41.30 2.25 -1.44	38.77 1.92 0.00	35.06 1.68 -0.81	32.02 1.48 0.00	39.15 1.69 0.00	59.86 2.31 0.00	50.95 2.32 0.00	47.08 2.13 0.00	43.77 2.51 0.00	44.24 1.98 0.00	49.67 1.61 0.00	44.21 2.67 0.00	43.66 2.81 0.00	42.26 3.19 -0.18	42.38 3.02 0.00	46.88 3.50 0.00	55.80 4.56 -1.96	46.15 3.92 0.00	44.54 3.34 0.00	44.61 2.99 0.02	38.77 1.97 0.00	36.74 1.65 0.00	33.16 1.22 0.00
WADING RIVER_IC_2 23547	106.03 2.52 -66.63	41.30 2.25 -1.44	38.77 1.92 0.00	35.06 1.68 -0.81	32.02 1.48 0.00	39.15 1.69 0.00	59.86 2.31 0.00	50.95 2.32 0.00	47.08 2.13 0.00	43.77 2.51 0.00	44.24 1.98 0.00	49.67 1.61 0.00	44.21 2.67 0.00	43.66 2.81 0.00	42.26 3.19 -0.18	42.38 3.02 0.00	46.88 3.50 0.00	55.80 4.56 -1.96	46.15 3.92 0.00	44.54 3.34 0.00	44.61 2.99 0.02	38.77 1.97 0.00	36.74 1.65 0.00	33.16 1.22 0.00
WADING RIVER_IC_3 23601	106.03 2.52 -66.63	41.30 2.25 -1.44	38.77 1.92 0.00	35.06 1.68 -0.81	32.02 1.48 0.00	39.15 1.69 0.00	59.86 2.31 0.00	50.95 2.32 0.00	47.08 2.13 0.00	43.77 2.51 0.00	44.24 1.98 0.00	49.67 1.61 0.00	44.21 2.67 0.00	43.66 2.81 0.00	42.26 3.19 -0.18	42.38 3.02 0.00	46.88 3.50 0.00	55.80 4.56 -1.96	46.15 3.92 0.00	44.54 3.34 0.00	44.61 2.99 0.02	38.77 1.97 0.00	36.74 1.65 0.00	33.16 1.22 0.00
WALDENNY_12_KV_BK2 80841	36.15 -0.72 0.00	36.21 -1.39 0.00	35.45 -1.40 0.00	31.32 -1.24 0.00	29.25 -1.29 0.00	36.22 -1.24 0.00	56.24 -1.31 0.00	47.28 -1.36 0.00	43.83 -1.12 0.00	40.35 -0.91 0.00	41.77 -0.50 0.00	47.36 -0.69 0.00	41.19 -0.36 0.00	40.76 -0.09 0.00	38.18 -0.70 0.00	38.70 -0.67 0.00	42.26 -1.13 0.00	47.58 -1.71 -0.01	40.63 -1.60 0.00	39.21 -1.99 0.00	38.76 -2.09 0.79	35.14 -1.65 0.00	33.89 -1.21 0.00	30.57 -1.36 0.00
WALDEN__HYDRO 24148	38.90 2.03 0.00	39.43 1.82 0.00	38.45 1.60 0.00	33.99 1.43 0.00	31.88 1.34 0.00	39.00 1.54 0.00	60.06 2.51 0.00	51.17 2.53 0.00	47.41 2.46 0.00	43.42 2.17 0.00	44.48 2.22 0.00	50.54 2.49 0.00	44.11 2.56 0.00	43.42 2.58 0.00	41.52 2.64 0.00	42.06 2.70 0.00	46.36 2.98 0.00	52.67 3.39 0.00	44.94 2.71 0.00	43.67 2.47 0.00	44.07 2.45 0.02	38.82 2.03 0.00	36.76 1.66 0.00	33.10 1.16 0.00
WARRENSBURG____ 23737	39.78 2.90 0.00	40.58 2.97 0.00	39.62 2.77 0.00	34.98 2.41 0.00	32.87 2.33 0.00	40.44 2.98 0.00	62.08 4.53 0.00	52.79 4.15 0.00	48.59 3.64 0.00	44.08 2.83 0.00	44.80 2.54 0.00	51.13 3.08 0.00	44.23 2.68 0.00	43.15 2.30 0.00	41.10 2.21 0.00	41.84 2.48 0.00	46.10 2.72 0.00	53.05 3.77 0.00	46.11 3.88 0.00	44.96 3.76 0.00	45.87 4.23 0.00	40.40 3.60 0.00	38.25 3.15 0.00	34.58 2.65 0.00
WATERSIDE____6 8 9 23538	38.84 2.58 0.61	39.68 2.29 0.23	38.31 2.03 0.57	33.18 1.88 1.26	30.62 1.76 1.68	39.16 2.05 0.35	60.80 3.25 0.01	51.79 3.15 0.00	48.03 3.07 0.00	43.96 2.83 0.12	45.11 2.85 0.00	51.23 3.18 0.00	44.72 3.29 0.12	43.19 3.30 0.95	42.13 3.39 0.16	39.56 3.43 3.25	46.80 3.69 0.27	53.31 4.03 0.00	45.41 3.18 0.00	44.07 2.87 0.00	44.43 2.81 0.02	39.26 2.47 0.00	37.18 2.08 0.00	33.45 1.52 0.00
WATKINRD_115KV_LN8_ILLION 55919	37.16 0.28 0.00	37.84 0.24 0.00	36.98 0.13 0.00	32.66 0.09 0.00	30.64 0.09 0.00	37.60 0.14 0.00	57.77 0.22 0.00	48.94 0.30 0.00	45.14 0.19 0.00	41.19 -0.07 0.00	42.10 -0.16 0.00	47.96 -0.09 0.00	41.60 0.06 0.00	40.86 0.01 0.00	39.02 0.14 0.00	39.55 0.19 0.00	43.56 0.18 0.00	49.67 0.40 0.00	42.69 0.46 0.00	41.66 0.45 0.00	42.17 0.53 0.00	37.18 0.39 0.00	35.30 0.20 0.00	31.95 0.02 0.00
WATSON____69_KV_BK 1 55734	107.08 3.58 -66.63	42.38 3.33 -1.44	39.82 2.97 0.00	36.02 2.65 -0.81	32.88 2.33 0.00	40.19 2.74 0.00	61.62 4.07 0.00	52.52 3.89 0.00	48.59 3.64 0.00	44.79 3.53 0.00	45.34 3.07 0.00	51.03 2.98 0.00	45.30 3.75 0.00	44.67 3.83 0.00	43.32 4.26 -0.18	43.51 4.14 0.00	47.79 4.41 0.00	56.28 5.04 -1.96	46.60 4.38 0.00	45.30 4.09 0.00	45.55 3.93 0.02	39.84 3.04 0.00	37.73 2.63 0.00	34.05 2.12 0.00
WDELAWARE__HYD 323627	37.65 0.78 0.00	38.13 0.52 0.00	37.19 0.33 0.00	32.83 0.27 0.00	30.79 0.24 0.00	37.67 0.21 0.00	58.03 0.48 0.00	49.42 0.78 0.00	45.80 0.85 0.00	41.98 0.72 0.00	42.92 0.65 0.00	48.77 0.72 0.00	42.60 1.05 0.00	41.88 1.03 0.00	40.02 1.13 0.00	40.59 1.23 0.00	44.82 1.44 0.00	50.95 1.67 0.00	43.53 1.30 0.00	42.35 1.15 0.00	42.70 1.09 0.02	37.61 0.82 0.00	35.56 0.46 0.00	32.02 0.08 0.00

WEST BABYLON___IC 23714	107.02 3.52 -66.63	42.34 3.29 -1.44	39.81 2.96 0.00	36.01 2.64 -0.81	32.88 2.33 0.00	40.19 2.73 0.00	61.64 4.09 0.00	52.49 3.85 0.00	48.57 3.62 0.00	44.71 3.46 0.00	45.34 3.07 0.00	51.10 3.05 0.00	45.29 3.74 0.00	44.61 3.76 0.00	43.22 4.15 -0.18	43.41 4.05 0.00	47.63 4.25 0.00	56.03 4.78 -1.96	46.38 4.15 0.00	45.11 3.91 0.00	45.39 3.77 0.02	39.81 3.02 0.00	37.74 2.64 0.00	34.03 2.10 0.00
WEST CANADA___HYD 24049	37.02 0.14 0.00	37.72 0.11 0.00	36.92 0.07 0.00	32.63 0.06 0.00	30.61 0.06 0.00	37.55 0.09 0.00	57.70 0.15 0.00	48.83 0.19 0.00	45.13 0.18 0.00	41.38 0.13 0.00	42.38 0.12 0.00	48.16 0.10 0.00	41.72 0.17 0.00	41.03 0.18 0.00	39.08 0.20 0.00	39.57 0.20 0.00	43.57 0.19 0.00	49.53 0.25 0.00	42.46 0.23 0.00	41.41 0.21 0.00	41.88 0.24 0.00	36.98 0.18 0.00	35.22 0.12 0.00	31.96 0.03 0.00
WESTERN_NY_WIND 24143	36.76 -0.12 0.00	36.87 -0.73 0.01	36.06 -0.79 0.00	31.85 -0.72 0.00	29.74 -0.80 0.00	36.85 -0.61 0.00	57.23 -0.32 0.00	48.25 -0.39 0.00	44.71 -0.25 0.00	41.01 -0.25 0.00	42.35 0.09 0.00	48.03 -0.02 0.00	41.76 0.22 0.00	41.25 0.40 0.00	38.75 -0.13 0.00	39.21 -0.16 0.00	42.81 -0.57 0.00	48.40 -0.88 0.00	41.42 -0.81 0.00	40.20 -1.00 0.00	40.12 -1.07 0.45	36.02 -0.77 0.00	34.68 -0.42 0.00	31.29 -0.64 0.00
WESTOVER___LESR 323668	37.19 0.32 0.00	37.58 -0.03 0.00	36.78 -0.07 0.00	32.51 -0.06 0.00	30.47 -0.08 0.00	37.48 0.02 0.00	58.06 0.51 0.00	49.15 0.51 0.00	45.49 0.54 0.00	41.71 0.46 0.00	42.79 0.53 0.00	48.62 0.57 0.00	42.24 0.69 0.00	41.69 0.84 0.00	39.65 0.76 0.00	40.28 0.91 0.00	44.33 0.94 0.00	50.27 0.99 0.00	42.93 0.71 0.00	41.71 0.51 0.00	41.89 0.43 0.18	37.09 0.29 0.00	35.29 0.19 0.00	31.84 -0.09 0.00
WETHRSFD_WT_PWR 323626	36.17 -0.70 0.00	36.24 -1.37 0.00	35.50 -1.35 0.00	31.43 -1.14 0.00	29.37 -1.18 0.00	36.33 -1.13 0.00	56.39 -1.16 0.00	47.47 -1.16 0.00	44.00 -0.95 0.00	40.46 -0.80 0.00	41.77 -0.49 0.00	47.41 -0.64 0.00	41.23 -0.31 0.00	40.78 -0.07 0.00	38.32 -0.57 0.00	38.88 -0.48 0.00	42.53 -0.85 0.00	47.88 -1.41 0.00	40.96 -1.27 0.00	39.62 -1.58 0.00	39.32 -1.68 0.64	35.43 -1.37 0.00	34.01 -1.09 0.00	30.63 -1.31 0.00
WHAVSTOR_138KV_BK127 55557	38.85 1.98 0.00	39.40 1.79 0.00	38.43 1.58 0.00	33.99 1.43 0.00	31.88 1.34 0.00	38.99 1.53 0.00	60.05 2.50 0.00	51.20 2.56 0.00	47.47 2.52 0.00	43.52 2.27 0.00	44.58 2.32 0.00	50.63 2.58 0.00	44.23 2.69 0.00	43.55 2.70 0.00	41.68 2.80 0.00	42.22 2.86 0.00	46.50 3.12 0.00	52.77 3.48 0.00	44.97 2.74 0.00	43.66 2.46 0.00	44.04 2.43 0.02	38.80 2.01 0.00	36.73 1.63 0.00	33.05 1.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	38.85 1.98 0.00	39.40 1.79 0.00	38.43 1.58 0.00	33.99 1.43 0.00	31.88 1.34 0.00	38.99 1.53 0.00	60.05 2.50 0.00	51.20 2.56 0.00	47.47 2.52 0.00	43.52 2.27 0.00	44.58 2.32 0.00	50.63 2.58 0.00	44.23 2.69 0.00	43.55 2.70 0.00	41.68 2.80 0.00	42.22 2.86 0.00	46.50 3.12 0.00	52.77 3.48 0.00	44.97 2.74 0.00	43.66 2.46 0.00	44.04 2.43 0.02	38.80 2.01 0.00	36.73 1.63 0.00	33.05 1.12 0.00
WHITEHAL_115KV_TB1 80871	40.97 4.09 0.00	41.85 4.24 0.00	40.71 3.86 0.00	36.03 3.47 0.00	33.86 3.32 0.00	41.73 4.28 0.00	63.73 6.18 0.00	54.21 5.57 0.00	49.82 4.86 0.00	44.74 3.49 0.00	45.75 3.48 0.00	52.25 4.19 0.00	44.95 3.41 0.00	43.64 2.79 0.00	41.53 2.64 0.00	42.76 3.39 0.00	47.01 3.62 0.00	54.67 5.39 0.00	47.68 5.45 0.00	46.27 5.07 0.00	47.29 5.65 0.00	41.72 4.92 0.00	39.39 4.29 0.00	35.70 3.77 0.00
WHITEPLN_13_KV_LOAD 356215	39.62 2.75 0.00	40.17 2.56 0.00	39.09 2.24 0.00	34.56 1.99 0.00	32.41 1.87 0.00	39.64 2.18 0.00	61.06 3.51 0.00	52.06 3.42 0.00	48.29 3.34 0.00	44.28 3.03 0.00	45.35 3.08 0.00	51.48 3.43 0.00	45.03 3.49 0.00	44.36 3.51 0.00	42.46 3.58 0.00	43.00 3.63 0.00	47.34 3.96 0.00	53.72 4.44 0.00	45.74 3.52 0.00	44.39 3.20 0.00	44.75 3.14 0.02	39.44 2.65 0.00	37.33 2.23 0.00	33.58 1.65 0.00
WM_FLOYD_69_KV_BK2 356380	106.37 2.87 -66.63	41.67 2.61 -1.44	39.13 2.28 0.00	35.38 2.00 -0.81	32.31 1.76 0.00	39.50 2.04 0.00	60.43 2.88 0.00	51.45 2.82 0.00	47.61 2.66 0.00	44.06 2.81 0.00	44.53 2.27 0.00	50.08 2.03 0.00	44.53 2.99 0.00	43.99 3.15 0.00	42.57 3.51 -0.18	42.69 3.33 0.00	47.09 3.71 0.00	55.86 4.61 -1.96	46.21 3.98 0.00	44.75 3.55 0.00	44.86 3.25 0.02	39.08 2.29 0.00	37.05 1.95 0.00	33.45 1.51 0.00
WOODARD___115KV_TB2 355635	36.55 -0.32 0.00	37.09 -0.52 0.00	36.29 -0.56 0.00	32.07 -0.49 0.00	30.06 -0.48 0.00	36.94 -0.52 0.00	56.95 -0.60 0.00	48.20 -0.44 0.00	44.58 -0.37 0.00	40.88 -0.37 0.00	41.96 -0.30 0.00	47.70 -0.35 0.00	41.37 -0.18 0.00	40.76 -0.09 0.00	38.81 -0.08 0.00	39.30 -0.06 0.00	43.26 -0.12 0.00	49.14 -0.14 0.00	42.07 -0.15 0.00	41.00 -0.20 0.00	41.43 -0.21 0.00	36.56 -0.23 0.00	34.82 -0.28 0.00	31.54 -0.40 0.00
YORK___WARBASSE 23770	44.17 2.80 -4.50	41.66 2.51 -1.55	42.91 2.25 -3.81	42.58 2.08 -7.93	42.27 1.94 -9.78	41.69 2.26 -1.97	61.11 3.52 -0.03	51.99 3.35 0.00	48.23 3.28 0.00	49.61 3.07 -5.28	45.29 3.03 0.00	51.46 3.41 0.00	49.70 3.54 -4.62	55.94 3.52 -11.57	44.71 3.63 -2.19	60.96 3.68 -17.92	50.53 3.96 -3.19	53.61 4.32 0.00	45.63 3.41 0.00	44.28 3.08 0.00	44.66 3.04 0.02	39.47 2.68 0.00	38.96 2.26 -1.60	43.90 1.70 -10.26