

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/27/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	41.01	46.80	42.39	39.79	42.90	45.55	94.72	124.86	117.58	49.74	47.20	46.48	42.96	40.47	40.65	39.59	42.65	52.88	54.38	50.64	51.78	51.94	42.94	39.16
24138	1.38	1.55	1.34	1.34	1.41	1.73	3.91	6.80	5.62	2.71	2.99	3.19	2.90	2.62	2.70	2.74	2.85	3.02	3.01	2.84	2.71	2.47	2.00	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	41.12	46.91	42.49	39.87	42.99	45.63	94.93	125.11	117.84	49.82	47.27	46.54	43.02	40.52	40.72	39.63	42.69	52.95	54.46	50.72	51.87	52.06	43.01	39.22
24260	1.49	1.66	1.44	1.42	1.51	1.81	4.12	7.05	5.88	2.79	3.06	3.25	2.96	2.67	2.77	2.78	2.89	3.09	3.09	2.92	2.80	2.58	2.08	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	41.12	46.91	42.49	39.87	42.99	45.63	94.93	125.11	117.84	49.82	47.27	46.54	43.02	40.52	40.72	39.63	42.69	52.95	54.46	50.72	51.87	52.06	43.01	39.22
24261	1.49	1.66	1.44	1.42	1.51	1.81	4.12	7.05	5.88	2.79	3.06	3.25	2.96	2.67	2.77	2.78	2.89	3.09	3.09	2.92	2.80	2.58	2.08	1.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	40.87	46.65	42.51	39.87	42.79	45.37	95.11	123.35	116.43	48.62	45.63	44.84	41.57	39.35	39.48	38.40	41.67	52.48	53.91	50.18	51.51	51.56	42.49	38.51
24011	1.24	1.40	1.46	1.42	1.31	1.55	4.30	5.29	4.46	1.59	1.42	1.54	1.51	1.50	1.53	1.56	1.87	2.61	2.53	2.37	2.44	2.09	1.56	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.98	46.75	42.66	40.00	42.89	45.54	95.70	123.83	116.89	48.77	45.77	45.09	41.85	39.60	39.74	38.66	41.89	52.82	54.23	50.51	51.88	51.82	42.66	38.64
23798	1.35	1.50	1.61	1.55	1.40	1.72	4.89	5.77	4.92	1.75	1.57	1.79	1.79	1.75	1.78	1.82	2.09	2.96	2.85	2.71	2.81	2.35	1.73	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	40.87	46.65	42.51	39.87	42.79	45.37	95.11	123.35	116.43	48.62	45.63	44.84	41.57	39.35	39.48	38.40	41.67	52.48	53.91	50.18	51.51	51.56	42.49	38.51
24028	1.24	1.40	1.46	1.42	1.31	1.55	4.30	5.29	4.46	1.59	1.42	1.54	1.51	1.50	1.53	1.56	1.87	2.61	2.53	2.37	2.44	2.09	1.56	1.28
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	40.71	46.35	42.22	39.56	42.46	44.98	93.58	121.43	115.16	48.22	44.97	44.26	41.17	39.04	39.49	38.50	41.61	51.96	53.21	49.55	50.99	51.08	42.09	38.11
23527	1.08	1.10	1.16	1.11	0.97	1.16	2.78	3.37	3.19	1.20	0.76	0.96	1.10	1.19	1.54	1.65	1.81	2.10	1.83	1.75	1.92	1.61	1.15	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	39.21	44.76	40.67	38.16	41.04	43.45	90.32	117.86	111.34	46.72	43.82	43.08	39.96	37.80	38.08	37.04	40.07	50.03	51.39	47.84	49.08	49.34	40.74	37.00
24190	-0.42	-0.49	-0.38	-0.29	-0.45	-0.37	-0.49	-0.20	-0.62	-0.32	-0.38	-0.21	-0.10	-0.05	0.13	0.19	0.28	0.16	0.01	0.03	0.01	-0.14	-0.20	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.52	46.26	41.94	39.21	42.33	44.58	92.09	118.67	93.35	47.63	44.89	43.89	40.63	38.48	38.54	37.37	40.24	50.50	52.00	48.44	49.77	50.27	41.67	37.84
355683	0.88	1.01	0.89	0.76	0.84	0.76	1.29	0.60	1.43	0.71	0.68	0.60	0.57	0.63	0.59	0.52	0.44	0.64	0.62	0.64	0.70	0.79	0.73	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.04	0.10	0.00	0.00	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	40.20	45.91	41.71	39.12	42.09	44.56	92.61	120.74	113.77	47.39	44.40	43.69	40.49	38.26	38.51	37.42	40.73	51.08	52.55	48.89	50.17	50.45	41.67	37.86
323833	0.57	0.65	0.66	0.66	0.60	0.74	1.80	2.67	1.81	0.36	0.19	0.40	0.43	0.41	0.55	0.57	0.94	1.22	1.17	1.09	1.10	0.98	0.74	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	40.18	45.89	41.70	39.10	42.08	44.56	92.57	120.71	113.76	47.39	44.40	43.68	40.48	38.25	38.50	37.42	40.73	51.07	52.53	48.88	50.14	50.44	41.66	37.85
323834	0.55	0.64	0.65	0.65	0.60	0.73	1.77	2.64	1.79	0.36	0.19	0.39	0.42	0.40	0.55	0.57	0.93	1.21	1.16	1.08	1.07	0.97	0.73	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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___I	39.21	44.76	40.67	38.16	41.04	43.45	90.32	117.86	111.34	46.72	43.82	43.08	39.96	37.80	38.08	37.04	40.07	50.03	51.39	47.84	49.08	49.34	40.74	37.00
23571	-0.42	-0.49	-0.38	-0.29	-0.45	-0.37	-0.49	-0.20	-0.62	-0.32	-0.38	-0.21	-0.10	-0.05	0.13	0.19	0.28	0.16	0.01	0.03	0.01	-0.14	-0.20	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	39.21 -0.42 0.00	44.76 -0.49 0.00	40.67 -0.38 0.00	38.16 -0.29 0.00	41.04 -0.45 0.00	43.45 -0.37 0.00	90.32 -0.49 0.00	117.86 -0.20 0.00	111.34 -0.62 0.00	46.72 -0.32 0.00	43.82 -0.38 0.00	43.08 -0.21 0.00	39.96 -0.10 0.00	37.80 -0.05 0.00	38.08 0.13 0.00	37.04 0.19 0.00	40.07 0.28 0.00	50.03 0.16 0.00	51.39 0.01 0.00	47.84 0.03 0.00	49.08 0.01 0.00	49.34 -0.14 0.00	40.74 -0.20 0.00	37.00 -0.23 0.00
ALBANY___3 23573	39.21 -0.42 0.00	44.76 -0.49 0.00	40.67 -0.38 0.00	38.16 -0.29 0.00	41.04 -0.45 0.00	43.45 -0.37 0.00	90.32 -0.49 0.00	117.86 -0.20 0.00	111.34 -0.62 0.00	46.72 -0.32 0.00	43.82 -0.38 0.00	43.08 -0.21 0.00	39.96 -0.10 0.00	37.80 -0.05 0.00	38.08 0.13 0.00	37.04 0.19 0.00	40.07 0.28 0.00	50.03 0.16 0.00	51.39 0.01 0.00	47.84 0.03 0.00	49.08 0.01 0.00	49.34 -0.14 0.00	40.74 -0.20 0.00	37.00 -0.23 0.00
ALBANY___4 23574	39.21 -0.42 0.00	44.76 -0.49 0.00	40.67 -0.38 0.00	38.16 -0.29 0.00	41.04 -0.45 0.00	43.45 -0.37 0.00	90.32 -0.49 0.00	117.86 -0.20 0.00	111.34 -0.62 0.00	46.72 -0.32 0.00	43.82 -0.38 0.00	43.08 -0.21 0.00	39.96 -0.10 0.00	37.80 -0.05 0.00	38.08 0.13 0.00	37.04 0.19 0.00	40.07 0.28 0.00	50.03 0.16 0.00	51.39 0.01 0.00	47.84 0.03 0.00	49.08 0.01 0.00	49.34 -0.14 0.00	40.74 -0.20 0.00	37.00 -0.23 0.00
ALBANY___LFGE 323615	39.66 0.03 0.00	45.26 0.01 0.00	41.13 0.08 0.00	38.59 0.14 0.00	41.52 0.03 0.00	43.98 0.15 0.00	91.42 0.61 0.00	119.30 1.24 0.00	112.72 0.75 0.00	47.28 0.25 0.00	44.36 0.15 0.00	43.60 0.31 0.00	40.44 0.38 0.00	38.25 0.40 0.00	38.54 0.59 0.00	37.50 0.65 0.00	40.59 0.79 0.00	50.70 0.83 0.00	52.05 0.68 0.00	48.45 0.65 0.00	49.70 0.62 0.00	49.93 0.45 0.00	41.20 0.27 0.00	37.41 0.18 0.00
ALCOA_PA_115KV_PL-6C 55860	40.91 1.27 0.00	46.70 1.45 0.00	42.35 1.30 0.00	39.57 1.13 0.00	42.73 1.24 0.00	45.01 1.19 0.00	92.93 2.13 0.00	119.62 1.55 0.00	356.33 3.03 -241.34	49.40 1.11 -1.27	45.24 1.03 0.00	44.22 0.93 0.00	40.94 0.88 0.00	38.78 0.93 0.00	38.83 0.88 0.00	37.65 0.81 0.00	40.51 0.71 0.00	50.86 1.00 0.00	52.22 0.84 0.00	48.81 1.01 0.00	50.17 1.10 0.00	50.70 1.23 0.00	42.04 1.11 0.00	38.18 0.95 0.00
ALCOA_RYNLDS___DRP 24188	40.91 1.27 0.00	46.70 1.45 0.00	42.35 1.30 0.00	39.57 1.13 0.00	42.73 1.24 0.00	45.01 1.19 0.00	92.93 2.13 0.00	119.62 1.55 0.00	356.33 3.03 -241.34	49.40 1.11 -1.27	45.24 1.03 0.00	44.22 0.93 0.00	40.94 0.88 0.00	38.78 0.93 0.00	38.83 0.88 0.00	37.65 0.81 0.00	40.51 0.71 0.00	50.86 1.00 0.00	52.22 0.84 0.00	48.81 1.01 0.00	50.17 1.10 0.00	50.70 1.23 0.00	42.04 1.11 0.00	38.18 0.95 0.00
ALCOA___DSASP 323711	40.90 1.27 0.00	46.70 1.45 0.00	42.35 1.30 0.00	39.57 1.13 0.00	42.73 1.24 0.00	45.01 1.19 0.00	92.93 2.13 0.00	119.60 1.54 0.00	356.32 3.02 -241.34	49.40 1.11 -1.27	45.24 1.03 0.00	44.22 0.93 0.00	40.94 0.88 0.00	38.78 0.93 0.00	38.83 0.88 0.00	37.65 0.81 0.00	40.51 0.71 0.00	50.86 1.00 0.00	52.22 0.84 0.00	48.81 1.01 0.00	50.16 1.10 0.00	50.70 1.23 0.00	42.04 1.11 0.00	38.19 0.95 0.00
ALLEGHENY___COGEN 23514	41.19 1.55 0.00	47.01 1.76 0.00	42.51 1.46 0.00	39.48 1.03 0.00	42.84 1.36 0.00	44.72 0.90 0.00	90.66 -0.15 0.00	101.32 -0.66 16.09	46.08 -1.72 64.16	45.78 -1.38 -0.13	42.73 -1.48 0.00	41.64 -1.66 0.00	38.18 -1.88 0.00	35.78 -2.11 -0.04	35.49 -2.46 0.00	34.31 -2.53 0.00	36.96 -3.00 -0.16	40.07 -2.74 7.05	46.21 -1.33 3.84	45.30 -1.08 1.42	45.73 -1.29 2.06	46.12 -0.40 2.96	41.44 0.14 -0.36	37.97 0.52 -0.22
ALTAMONT_115KV_TB 2 55880	39.79 0.16 0.00	45.45 0.20 0.00	41.27 0.21 0.00	38.72 0.27 0.00	41.67 0.18 0.00	44.08 0.26 0.00	91.55 0.74 0.00	119.51 1.45 0.00	112.82 0.85 0.00	47.39 0.36 0.00	44.53 0.32 0.00	43.74 0.44 0.00	40.53 0.47 0.00	38.28 0.43 0.00	38.52 0.57 0.00	37.46 0.61 0.00	40.49 0.69 0.00	50.55 0.68 0.00	51.96 0.59 0.00	48.37 0.57 0.00	49.62 0.55 0.00	49.96 0.48 0.00	41.29 0.35 0.00	37.52 0.30 0.00
ALTONA_WT_PWR 323606	40.64 1.00 0.00	46.36 1.11 0.00	42.11 1.06 0.00	39.42 0.97 0.00	42.38 0.89 0.00	44.48 0.66 0.00	91.43 0.62 0.00	117.85 -0.21 0.00	112.88 0.91 0.00	47.50 0.48 0.00	44.77 0.56 0.00	43.84 0.54 0.00	40.61 0.55 0.00	38.46 0.62 0.00	38.56 0.61 0.00	37.32 0.47 0.00	39.96 0.16 0.00	50.16 0.29 0.00	51.53 0.15 0.00	48.01 0.21 0.00	49.32 0.25 0.00	49.90 0.42 0.00	41.59 0.66 0.00	37.92 0.69 0.00
AMERICAN_REF_FUEL 24010	38.02 -0.90 0.70	43.16 -1.11 0.98	38.81 -1.24 1.00	36.11 -1.60 0.73	39.90 -1.06 0.52	41.03 -1.77 1.02	82.03 -7.70 1.07	88.15 -10.49 19.42	58.53 -10.09 43.35	43.41 -3.41 0.21	41.73 -2.31 0.17	40.58 -2.72 0.00	37.13 -2.93 0.00	34.72 -3.06 0.07	34.47 -3.48 0.00	33.22 -3.63 0.00	34.60 -4.75 0.45	38.62 -5.94 5.30	41.87 -5.88 3.63	39.90 -5.59 2.32	40.45 -5.73 2.89	41.36 -5.25 2.86	36.01 -3.92 1.01	33.98 -2.63 0.62
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.62 -0.08 0.93	43.80 -0.15 1.30	39.39 -0.33 1.33	36.67 -0.80 0.98	40.63 -0.16 0.69	42.18 -0.28 1.35	85.78 -3.60 1.43	87.61 -6.02 24.44	54.54 -7.11 50.31	44.73 -1.99 0.31	43.33 -0.64 0.23	42.76 -0.54 0.00	39.05 -1.01 0.00	36.35 -1.40 0.10	36.12 -1.83 0.00	34.77 -2.08 0.00	36.08 -3.07 0.65	39.59 -3.99 6.29	43.04 -3.88 4.45	40.93 -3.87 3.00	41.40 -3.95 3.71	41.99 -3.95 3.54	36.56 -2.92 1.46	34.08 -2.26 0.90
ARTHUR KILL_GT_1 23520	41.34 1.71 0.00	47.28 2.02 0.00	42.83 1.78 0.00	40.21 1.76 0.00	43.34 1.85 0.00	46.00 2.17 0.00	95.55 4.74 0.00	126.31 8.25 0.00	118.30 6.33 0.00	49.50 2.47 0.00	46.96 2.75 0.00	46.14 2.84 0.00	42.57 2.51 0.00	40.07 2.22 0.00	40.29 2.34 0.00	39.26 2.41 0.00	42.22 2.42 0.00	52.51 2.65 0.00	54.07 2.69 0.00	50.45 2.65 0.00	51.60 2.53 0.00	51.83 2.35 0.00	43.01 2.08 0.00	39.43 2.20 0.00
ARTHUR_KILL_2 23512	41.22 1.58 0.00	47.15 1.89 -0.01	42.72 1.66 -0.01	40.09 1.64 -0.01	43.21 1.71 -0.01	45.85 2.03 -0.01	95.23 4.42 -0.01	125.89 7.81 -0.01	117.91 5.94 0.00	49.37 2.34 0.00	46.85 2.64 0.00	46.04 2.74 0.00	42.49 2.42 0.00	39.99 2.14 0.00	40.21 2.26 0.00	39.17 2.32 0.00	42.13 2.33 0.00	52.37 2.51 0.00	53.90 2.53 0.00	50.30 2.49 0.00	51.45 2.38 0.00	51.68 2.20 0.00	42.88 1.95 0.00	39.32 2.09 0.00
ARTHUR_KILL_3 23513	40.71 1.08 0.00	46.44 1.18 0.00	42.05 1.00 0.00	39.47 1.02 0.00	42.55 1.07 0.00	45.17 1.35 0.00	93.98 3.18 0.00	123.88 5.82 0.00	116.70 4.74 0.00	49.40 2.37 0.00	46.86 2.65 0.00	46.15 2.85 0.00	42.66 2.59 0.00	40.19 2.34 0.00	40.38 2.43 0.00	39.31 2.46 0.00	42.38 2.58 0.00	52.50 2.64 0.00	54.01 2.63 0.00	50.30 2.50 0.00	51.43 2.36 0.00	51.61 2.14 0.00	42.62 1.68 0.00	38.84 1.61 0.00

ARTHUR_KILL_COGEN 323718	41.34 1.70 0.00	47.28 2.03 -0.01	42.84 1.78 -0.01	40.22 1.76 -0.01	43.35 1.85 -0.01	46.00 2.17 -0.01	95.56 4.75 -0.01	126.31 8.24 -0.01	118.31 6.34 0.00	49.50 2.47 0.00	46.96 2.75 0.00	46.14 2.84 0.00	42.57 2.51 0.00	40.07 2.22 0.00	40.29 2.34 0.00	39.26 2.41 0.00	42.23 2.43 0.00	52.51 2.64 0.00	54.06 2.68 0.00	50.44 2.64 0.00	51.59 2.52 0.00	51.82 2.34 0.00	43.00 2.06 0.00	39.42 2.19 0.00
ASHOKAN____ 23654	40.60 0.96 0.00	46.30 1.05 0.00	42.00 0.95 0.00	39.44 0.99 0.00	42.50 1.01 0.00	45.12 1.30 0.00	94.15 3.35 0.00	123.61 5.54 0.00	116.40 4.43 0.00	48.56 1.53 0.00	45.29 1.08 0.00	44.25 0.96 0.00	41.02 0.96 0.00	38.64 0.79 0.00	38.79 0.84 0.00	37.83 0.98 0.00	41.14 1.35 0.00	51.76 1.90 0.00	53.47 2.10 0.00	49.80 2.00 0.00	51.01 1.94 0.00	51.24 1.76 0.00	42.26 1.33 0.00	38.31 1.09 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.66 1.03 0.01	46.35 1.11 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.51 1.03 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.14 6.08 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.41 0.00	42.13 2.34 0.00	52.24 2.39 0.00	53.75 2.37 0.00	50.11 2.31 0.00	51.24 2.17 0.00	51.51 2.03 0.00	42.49 1.55 0.00	38.77 1.54 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.63 1.01 0.01	46.33 1.08 0.01	42.01 0.97 0.01	39.43 0.99 0.01	42.49 1.01 0.01	45.07 1.26 0.01	93.68 2.87 0.01	124.03 5.97 0.00	116.72 4.75 0.00	49.17 2.14 0.00	46.85 2.64 0.00	46.05 2.76 0.00	42.58 2.51 0.00	40.08 2.23 0.00	40.33 2.38 0.00	39.25 2.40 0.00	42.12 2.33 0.00	52.24 2.38 0.00	53.71 2.34 0.00	50.09 2.28 0.00	51.21 2.14 0.00	51.48 2.00 0.00	42.46 1.53 0.00	38.76 1.53 0.00
ASTORIA_GT2_1 24094	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT2_2 24095	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT2_3 24096	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT2_4 24097	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT3_1 24098	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT3_2 24099	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT3_3 24100	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT3_4 24101	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT4_1 24102	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT4_2 24103	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT4_3 24104	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00

ASTORIA_GT4_4 24105	40.66 1.04 0.01	46.35 1.10 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.52 1.04 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.13 6.06 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.42 0.00	42.13 2.33 0.00	52.27 2.41 0.00	53.75 2.38 0.00	50.13 2.33 0.00	51.25 2.18 0.00	51.52 2.05 0.00	42.49 1.56 0.00	38.79 1.56 0.00
ASTORIA_GT_1 23523	40.73 1.11 0.01	46.42 1.17 0.01	42.10 1.06 0.01	39.52 1.07 0.01	42.57 1.09 0.01	45.17 1.36 0.01	93.91 3.11 0.01	124.35 6.29 0.00	116.98 5.01 0.00	49.29 2.26 0.00	46.96 2.76 0.00	46.17 2.87 0.00	42.67 2.61 0.00	40.17 2.32 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.21 2.41 0.00	52.38 2.52 0.00	53.86 2.48 0.00	50.23 2.42 0.00	51.35 2.28 0.00	51.63 2.15 0.00	42.57 1.64 0.00	38.85 1.62 0.00
ASTORIA_GT_10 24110	40.83 1.19 0.00	46.53 1.28 0.00	42.18 1.13 0.00	39.60 1.15 0.00	42.68 1.19 0.00	45.26 1.44 0.00	93.90 3.10 0.00	124.13 6.06 0.00	116.69 4.72 0.00	49.32 2.29 0.00	46.87 2.66 0.00	46.10 2.81 0.00	42.62 2.56 0.00	40.13 2.28 0.00	40.35 2.40 0.00	39.28 2.43 0.00	42.20 2.40 0.00	52.31 2.45 0.00	53.76 2.39 0.00	50.12 2.32 0.00	51.25 2.18 0.00	51.50 2.03 0.00	42.54 1.61 0.00	38.86 1.63 0.00
ASTORIA_GT_11 24225	40.83 1.19 0.00	46.53 1.28 0.00	42.18 1.13 0.00	39.60 1.15 0.00	42.68 1.19 0.00	45.26 1.44 0.00	93.90 3.10 0.00	124.13 6.06 0.00	116.69 4.72 0.00	49.32 2.29 0.00	46.87 2.66 0.00	46.10 2.81 0.00	42.62 2.56 0.00	40.13 2.28 0.00	40.35 2.40 0.00	39.28 2.43 0.00	42.20 2.40 0.00	52.31 2.45 0.00	53.76 2.39 0.00	50.12 2.32 0.00	51.25 2.18 0.00	51.50 2.03 0.00	42.54 1.61 0.00	38.86 1.63 0.00
ASTORIA_GT_12 24226	40.83 1.19 0.00	46.53 1.28 0.00	42.18 1.13 0.00	39.60 1.15 0.00	42.68 1.19 0.00	45.26 1.44 0.00	93.90 3.10 0.00	124.13 6.06 0.00	116.69 4.72 0.00	49.32 2.29 0.00	46.87 2.66 0.00	46.10 2.81 0.00	42.62 2.56 0.00	40.13 2.28 0.00	40.35 2.40 0.00	39.28 2.43 0.00	42.20 2.40 0.00	52.31 2.45 0.00	53.76 2.39 0.00	50.12 2.32 0.00	51.25 2.18 0.00	51.50 2.03 0.00	42.54 1.61 0.00	38.86 1.63 0.00
ASTORIA_GT_13 24227	40.83 1.19 0.00	46.53 1.28 0.00	42.18 1.13 0.00	39.60 1.15 0.00	42.68 1.19 0.00	45.26 1.44 0.00	93.90 3.10 0.00	124.13 6.06 0.00	116.69 4.72 0.00	49.32 2.29 0.00	46.87 2.66 0.00	46.10 2.81 0.00	42.62 2.56 0.00	40.13 2.28 0.00	40.35 2.40 0.00	39.28 2.43 0.00	42.20 2.40 0.00	52.31 2.45 0.00	53.76 2.39 0.00	50.12 2.32 0.00	51.25 2.18 0.00	51.50 2.03 0.00	42.54 1.61 0.00	38.86 1.63 0.00
ASTORIA_GT_5 24106	40.73 1.11 0.01	46.42 1.17 0.01	42.10 1.06 0.01	39.52 1.07 0.01	42.57 1.09 0.01	45.17 1.36 0.01	93.91 3.11 0.01	124.35 6.29 0.00	116.98 5.01 0.00	49.29 2.26 0.00	46.96 2.76 0.00	46.17 2.87 0.00	42.67 2.61 0.00	40.17 2.32 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.21 2.41 0.00	52.38 2.52 0.00	53.86 2.48 0.00	50.23 2.42 0.00	51.35 2.28 0.00	51.63 2.15 0.00	42.57 1.64 0.00	38.85 1.62 0.00
ASTORIA_GT_7 24107	40.73 1.11 0.01	46.42 1.17 0.01	42.10 1.06 0.01	39.52 1.07 0.01	42.57 1.09 0.01	45.17 1.36 0.01	93.91 3.11 0.01	124.35 6.29 0.00	116.98 5.01 0.00	49.29 2.26 0.00	46.96 2.76 0.00	46.17 2.87 0.00	42.67 2.61 0.00	40.17 2.32 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.21 2.41 0.00	52.38 2.52 0.00	53.86 2.48 0.00	50.23 2.42 0.00	51.35 2.28 0.00	51.63 2.15 0.00	42.57 1.64 0.00	38.85 1.62 0.00
ASTORIA_GT_8 24108	40.73 1.11 0.01	46.42 1.17 0.01	42.10 1.06 0.01	39.52 1.07 0.01	42.57 1.09 0.01	45.17 1.36 0.01	93.91 3.11 0.01	124.35 6.29 0.00	116.98 5.01 0.00	49.29 2.26 0.00	46.96 2.76 0.00	46.17 2.87 0.00	42.67 2.61 0.00	40.17 2.32 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.21 2.41 0.00	52.38 2.52 0.00	53.86 2.48 0.00	50.23 2.42 0.00	51.35 2.28 0.00	51.63 2.15 0.00	42.57 1.64 0.00	38.85 1.62 0.00
ASTORIA___2 24149	40.66 1.03 0.01	46.35 1.11 0.01	42.04 1.00 0.01	39.46 1.02 0.01	42.51 1.03 0.01	45.09 1.28 0.01	93.75 2.95 0.01	124.14 6.08 0.00	116.78 4.81 0.00	49.20 2.17 0.00	46.87 2.66 0.00	46.08 2.78 0.00	42.59 2.53 0.00	40.10 2.25 0.00	40.34 2.39 0.00	39.26 2.41 0.00	42.13 2.34 0.00	52.24 2.39 0.00	53.75 2.37 0.00	50.11 2.31 0.00	51.24 2.17 0.00	51.51 2.03 0.00	42.49 1.55 0.00	38.77 1.54 0.00
ASTORIA___3 23516	40.82 1.18 0.00	46.53 1.27 0.00	42.18 1.12 0.00	39.60 1.15 0.00	42.67 1.18 0.00	45.26 1.44 0.00	93.90 3.10 0.00	124.12 6.06 0.00	116.71 4.74 0.00	49.32 2.29 0.00	46.87 2.66 0.00	46.10 2.81 0.00	42.62 2.56 0.00	40.13 2.28 0.00	40.35 2.40 0.00	39.28 2.43 0.00	42.21 2.41 0.00	52.31 2.45 0.00	53.75 2.38 0.00	50.11 2.31 0.00	51.24 2.18 0.00	51.50 2.02 0.00	42.54 1.60 0.00	38.85 1.62 0.00
ASTORIA___4 23517	40.83 1.19 0.00	46.53 1.28 0.00	42.18 1.13 0.00	39.60 1.15 0.00	42.68 1.19 0.00	45.26 1.44 0.00	93.90 3.10 0.00	124.13 6.06 0.00	116.69 4.72 0.00	49.32 2.29 0.00	46.87 2.66 0.00	46.10 2.81 0.00	42.62 2.56 0.00	40.13 2.28 0.00	40.35 2.40 0.00	39.28 2.43 0.00	42.20 2.40 0.00	52.31 2.45 0.00	53.76 2.39 0.00	50.12 2.32 0.00	51.25 2.18 0.00	51.50 2.03 0.00	42.54 1.61 0.00	38.86 1.63 0.00
ASTORIA___5 23518	40.82 1.18 0.00	46.53 1.27 0.00	42.18 1.12 0.00	39.60 1.15 0.00	42.67 1.18 0.00	45.26 1.44 0.00	93.89 3.09 0.00	124.11 6.05 0.00	116.71 4.74 0.00	49.32 2.29 0.00	46.87 2.66 0.00	46.10 2.81 0.00	42.62 2.56 0.00	40.13 2.28 0.00	40.35 2.40 0.00	39.28 2.43 0.00	42.21 2.41 0.00	52.31 2.45 0.00	53.75 2.38 0.00	50.11 2.30 0.00	51.24 2.18 0.00	51.50 2.02 0.00	42.54 1.60 0.00	38.85 1.62 0.00
AST_ENERGY_2_CC3 323677	40.23 0.61 0.01	45.87 0.62 0.01	41.60 0.56 0.01	39.05 0.61 0.01	42.07 0.59 0.01	44.63 0.82 0.01	92.79 1.99 0.01	122.88 4.82 0.00	115.66 3.69 0.00	48.71 1.68 0.00	46.40 2.19 0.00	45.62 2.32 0.00	42.18 2.12 0.00	39.71 1.86 0.00	39.96 2.01 0.00	38.90 2.05 0.00	41.78 1.98 0.00	51.76 1.90 0.00	53.23 1.86 0.00	49.63 1.83 0.00	50.75 1.68 0.00	51.01 1.54 0.00	42.07 1.14 0.00	38.39 1.16 0.00
AST_ENERGY_2_CC4 323678	40.23 0.61 0.01	45.87 0.62 0.01	41.60 0.56 0.01	39.05 0.61 0.01	42.07 0.59 0.01	44.63 0.82 0.01	92.79 1.99 0.01	122.88 4.82 0.00	115.66 3.69 0.00	48.71 1.68 0.00	46.40 2.19 0.00	45.62 2.32 0.00	42.18 2.12 0.00	39.71 1.86 0.00	39.96 2.01 0.00	38.90 2.05 0.00	41.78 1.98 0.00	51.76 1.90 0.00	53.23 1.86 0.00	49.63 1.83 0.00	50.75 1.68 0.00	51.01 1.54 0.00	42.07 1.14 0.00	38.39 1.16 0.00

ATHENS_STG_1 23668	40.19 0.56 0.00	45.95 0.69 0.00	41.67 0.62 0.00	39.12 0.67 0.00	42.10 0.61 0.00	44.56 0.74 0.00	92.54 1.74 0.00	121.13 3.07 0.00	114.14 2.18 0.00	48.03 1.01 0.00	45.28 1.07 0.00	44.49 1.19 0.00	41.19 1.12 0.00	38.86 1.01 0.00	39.04 1.09 0.00	37.99 1.14 0.00	41.02 1.22 0.00	51.06 1.20 0.00	52.47 1.10 0.00	48.87 1.07 0.00	50.09 1.02 0.00	50.49 1.01 0.00	41.75 0.82 0.00	38.01 0.78 0.00
ATHENS_STG_2 23670	40.19 0.56 0.00	45.95 0.69 0.00	41.67 0.62 0.00	39.12 0.67 0.00	42.10 0.61 0.00	44.56 0.74 0.00	92.54 1.74 0.00	121.13 3.07 0.00	114.14 2.18 0.00	48.03 1.01 0.00	45.28 1.07 0.00	44.49 1.19 0.00	41.19 1.12 0.00	38.86 1.01 0.00	39.04 1.09 0.00	37.99 1.14 0.00	41.02 1.22 0.00	51.06 1.20 0.00	52.47 1.10 0.00	48.87 1.07 0.00	50.09 1.02 0.00	50.49 1.01 0.00	41.75 0.82 0.00	38.01 0.78 0.00
ATHENS_STG_3 23677	40.19 0.56 0.00	45.95 0.69 0.00	41.67 0.62 0.00	39.12 0.67 0.00	42.10 0.61 0.00	44.56 0.74 0.00	92.54 1.74 0.00	121.13 3.07 0.00	114.14 2.18 0.00	48.03 1.01 0.00	45.28 1.07 0.00	44.49 1.19 0.00	41.19 1.12 0.00	38.86 1.01 0.00	39.04 1.09 0.00	37.99 1.14 0.00	41.02 1.22 0.00	51.06 1.20 0.00	52.47 1.10 0.00	48.87 1.07 0.00	50.09 1.02 0.00	50.49 1.01 0.00	41.75 0.82 0.00	38.01 0.78 0.00
AUBURN___LFGE 323710	39.73 0.09 0.00	45.30 0.05 0.00	41.09 0.04 0.00	38.47 0.02 0.00	41.66 0.17 0.00	43.91 0.09 0.00	91.22 0.41 0.00	122.15 0.82 -3.26	122.33 0.03 -10.34	46.91 -0.11 0.00	44.05 -0.16 0.00	42.99 -0.30 0.00	39.62 -0.44 0.00	37.33 -0.52 0.00	37.32 -0.63 0.00	36.17 -0.68 0.00	39.29 -0.51 0.00	50.93 -0.22 -1.29	52.50 0.04 -1.09	48.29 0.01 -0.48	49.57 -0.07 -0.57	50.24 -0.09 -0.85	40.83 -0.10 0.00	37.21 -0.02 0.00
BABYLON_RES_REC 323704	40.78 1.15 0.00	46.75 1.49 0.00	42.30 1.24 0.00	39.69 1.24 0.00	42.67 1.18 0.00	44.06 0.68 0.43	92.16 1.35 0.00	117.33 3.18 3.91	97.30 2.27 16.93	48.43 1.40 0.00	46.04 1.83 0.00	45.38 2.09 0.00	41.93 1.87 0.00	39.42 1.57 0.00	39.67 1.72 0.00	38.55 1.70 0.00	41.40 1.60 0.00	51.47 1.61 0.00	51.51 1.52 1.38	49.37 1.57 0.00	50.70 1.63 0.00	50.66 1.19 0.00	41.96 1.02 0.00	38.76 1.53 0.00
BALL_HILL_WT_PWR 323825	38.47 -0.28 0.88	43.68 -0.33 1.23	39.27 -0.53 1.26	36.61 -0.91 0.93	40.46 -0.37 0.65	41.89 -0.65 1.28	85.22 -4.24 1.35	88.43 -6.66 22.98	56.04 -7.49 48.43	44.57 -2.19 0.28	42.98 -1.01 0.21	42.16 -1.14 0.00	38.49 -1.57 0.00	35.90 -1.86 0.09	35.68 -2.27 0.00	34.42 -2.44 0.00	35.85 -3.36 0.59	39.63 -4.23 6.01	43.14 -4.03 4.21	41.15 -3.86 2.79	41.64 -3.97 3.46	42.32 -3.81 3.35	36.82 -2.81 1.32	34.48 -1.93 0.81
BARON_WINDS___WT_PWR 323822	39.79 -0.23 -0.39	45.63 -0.17 -0.55	41.31 -0.30 -0.56	38.33 -0.53 -0.41	41.53 -0.24 -0.29	44.09 -0.30 -0.57	89.33 -2.07 -0.60	97.73 -4.92 15.41	23.75 -6.51 81.70	44.88 -2.49 -0.35	43.03 -1.32 -0.14	42.15 -1.15 0.00	38.37 -1.70 0.00	35.99 -1.98 -0.11	35.64 -2.31 0.00	34.43 -2.42 0.00	37.31 -3.01 -0.52	37.96 -3.36 8.54	44.48 -2.97 3.93	44.11 -2.81 0.88	44.40 -3.08 1.60	43.36 -3.14 2.97	39.77 -2.34 -1.17	36.36 -1.59 -0.72
BARRETT_IC_1 23704	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_10 23701	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_11 23702	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_12 23703	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_2 23705	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_3 23706	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_4 23707	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_5 23708	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01

BARRETT_IC_6 23709	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_7 23710	40.66 1.03 0.00	46.53 1.28 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.50 1.01 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.96 3.23 4.34	95.62 2.43 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.98 0.00	40.12 2.12 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.90 0.00	52.96 1.66 0.08	49.58 1.78 0.00	50.93 1.86 0.00	50.99 1.52 0.00	42.20 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_8 23711	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT_IC_9 23700	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT___1 23545	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BARRETT___2 23546	40.66 1.02 0.00	46.53 1.27 0.00	42.10 1.04 0.00	39.50 1.05 0.00	42.49 1.00 0.00	44.70 0.84 -0.04	92.10 1.30 0.00	116.94 3.21 4.34	95.64 2.46 18.78	48.82 1.78 -0.01	48.07 2.30 -1.56	45.82 2.52 0.00	42.35 2.29 0.00	39.83 1.99 0.00	40.12 2.11 -0.06	38.87 2.03 0.00	41.66 1.86 0.00	51.76 1.89 0.00	52.96 1.66 0.08	49.58 1.77 0.00	50.93 1.86 0.00	50.98 1.50 0.00	42.19 1.26 0.00	38.66 1.43 -0.01
BATAVIA__115KV_TB1 55881	40.06 0.43 0.00	45.68 0.43 0.00	41.25 0.19 0.00	38.25 -0.20 0.00	41.86 0.38 0.00	43.87 0.05 0.00	88.23 -2.58 0.00	104.00 -3.30 10.76	72.28 -3.47 36.21	45.87 -1.16 0.00	43.62 -0.59 0.00	42.23 -1.07 0.00	38.68 -1.38 0.00	36.20 -1.65 0.00	35.84 -2.11 0.00	34.58 -2.27 0.00	36.84 -2.96 0.00	42.80 -3.05 4.02	46.59 -2.56 2.23	44.37 -2.46 0.98	45.14 -2.59 1.34	45.45 -2.30 1.73	39.25 -1.69 0.00	36.37 -0.86 0.00
BAYONEEC___CTG1 323682	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00
BAYONEEC___CTG10 323750	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00
BAYONEEC___CTG2 323683	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00
BAYONEEC___CTG3 323684	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00
BAYONEEC___CTG4 323685	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00
BAYONEEC___CTG5 323686	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00
BAYONEEC___CTG6 323687	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00
BAYONEEC___CTG7 323688	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00

BAYONEEC___CTG8 323689	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00
BAYONEEC___CTG9 323749	40.86 1.23 0.00	46.64 1.38 0.00	42.24 1.19 0.00	39.63 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.35 3.55 0.00	124.34 6.27 0.00	117.09 5.13 0.00	49.50 2.47 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.68 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.44 2.64 0.00	52.61 2.75 0.00	54.11 2.74 0.00	50.39 2.59 0.00	51.55 2.47 0.00	51.73 2.25 0.00	42.76 1.82 0.00	39.00 1.76 0.00
BEACON___LESR 323632	39.84 0.21 0.00	45.52 0.27 0.00	41.32 0.27 0.00	38.75 0.30 0.00	41.78 0.29 0.00	44.30 0.48 0.00	92.29 1.48 0.00	120.22 2.16 0.00	113.58 1.61 0.00	47.54 0.52 0.00	44.50 0.29 0.00	43.71 0.42 0.00	40.56 0.50 0.00	38.38 0.53 0.00	38.59 0.64 0.00	37.60 0.75 0.00	40.85 1.06 0.00	51.03 1.17 0.00	52.39 1.01 0.00	48.67 0.86 0.00	49.98 0.91 0.00	50.19 0.71 0.00	41.47 0.53 0.00	37.59 0.36 0.00
BEAVER RIVER___HYD 24048	41.44 1.80 0.00	47.19 1.94 0.00	42.76 1.71 0.00	40.04 1.59 0.00	43.43 1.94 0.00	45.93 2.11 0.00	95.38 4.58 0.00	124.70 6.63 0.00	174.14 6.54 -55.64	48.86 1.54 -0.29	44.67 0.46 0.00	43.44 0.14 0.00	40.37 0.31 0.00	38.21 0.36 0.00	38.21 0.26 0.00	36.95 0.10 0.00	39.96 0.16 0.00	51.24 1.38 0.00	53.06 1.68 0.00	49.39 1.59 0.00	50.58 1.51 0.00	51.41 1.93 0.00	42.44 1.51 0.00	38.45 1.21 0.00
BEEBEE_GT_13 23619	39.52 -0.11 0.00	45.06 -0.19 0.00	40.74 -0.31 0.00	37.95 -0.50 0.00	41.30 -0.19 0.00	43.45 -0.37 0.00	88.72 -2.09 0.00	108.08 -2.53 7.46	83.61 -2.90 25.46	46.15 -0.88 0.00	43.74 -0.46 0.00	42.63 -0.67 0.00	39.16 -0.90 0.00	36.77 -1.08 0.00	36.63 -1.32 0.00	35.48 -1.37 0.00	38.09 -1.71 0.00	45.20 -1.83 2.83	48.11 -1.66 1.61	45.49 -1.61 0.71	46.40 -1.72 0.95	46.62 -1.61 1.25	39.73 -1.20 0.00	36.48 -0.75 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.16 1.53 0.00	46.87 1.62 0.00	42.46 1.41 0.00	39.86 1.41 0.00	42.94 1.46 0.00	45.59 1.77 0.00	94.75 3.94 0.00	125.31 7.24 0.00	117.81 5.84 0.00	49.73 2.70 0.00	47.27 3.06 0.00	46.47 3.18 0.00	42.94 2.88 0.00	40.43 2.57 0.00	40.65 2.69 0.00	39.59 2.74 0.00	42.56 2.76 0.00	52.81 2.96 0.00	54.35 2.98 0.00	50.71 2.91 0.00	51.85 2.78 0.00	52.07 2.60 0.00	42.98 2.04 0.00	39.21 1.99 0.00
BETHLEHEM___GRP 23843	39.21 -0.42 0.00	44.76 -0.49 0.00	40.67 -0.38 0.00	38.16 -0.29 0.00	41.04 -0.45 0.00	43.45 -0.37 0.00	90.32 -0.49 0.00	117.86 -0.20 0.00	111.34 -0.62 0.00	46.72 -0.32 0.00	43.82 -0.38 0.00	43.08 -0.21 0.00	39.96 -0.10 0.00	37.80 -0.05 0.00	38.08 0.13 0.00	37.04 0.19 0.00	40.07 0.28 0.00	50.03 0.16 0.00	51.39 0.01 0.00	47.84 0.03 0.00	49.08 0.01 0.00	49.34 -0.14 0.00	40.74 -0.20 0.00	37.00 -0.23 0.00
BETHLEHEM___GS1 323560	39.21 -0.43 0.00	44.76 -0.49 0.00	40.67 -0.38 0.00	38.16 -0.29 0.00	41.04 -0.45 0.00	43.45 -0.37 0.00	90.33 -0.48 0.00	117.85 -0.21 0.00	111.36 -0.61 0.00	46.71 -0.31 0.00	43.82 -0.38 0.00	43.08 -0.21 0.00	39.96 -0.10 0.00	37.80 -0.05 0.00	38.09 0.13 0.00	37.04 0.19 0.00	40.08 0.28 0.00	50.03 0.16 0.00	51.38 0.00 0.00	47.83 0.02 0.00	49.07 0.00 0.00	49.34 -0.14 0.00	40.74 -0.20 0.00	36.99 -0.24 0.00
BETHLEHEM___GS2 323561	39.21 -0.43 0.00	44.76 -0.49 0.00	40.67 -0.38 0.00	38.16 -0.29 0.00	41.04 -0.45 0.00	43.45 -0.37 0.00	90.33 -0.48 0.00	117.85 -0.21 0.00	111.36 -0.61 0.00	46.71 -0.31 0.00	43.82 -0.38 0.00	43.08 -0.21 0.00	39.96 -0.10 0.00	37.80 -0.05 0.00	38.09 0.13 0.00	37.04 0.19 0.00	40.08 0.28 0.00	50.03 0.16 0.00	51.38 0.00 0.00	47.83 0.02 0.00	49.07 0.00 0.00	49.34 -0.14 0.00	40.74 -0.20 0.00	36.99 -0.24 0.00
BETHLEHEM___GS3 323562	39.21 -0.43 0.00	44.76 -0.49 0.00	40.67 -0.38 0.00	38.16 -0.29 0.00	41.04 -0.45 0.00	43.45 -0.37 0.00	90.33 -0.48 0.00	117.85 -0.21 0.00	111.36 -0.61 0.00	46.71 -0.31 0.00	43.82 -0.38 0.00	43.08 -0.21 0.00	39.96 -0.10 0.00	37.80 -0.05 0.00	38.09 0.13 0.00	37.04 0.19 0.00	40.08 0.28 0.00	50.03 0.16 0.00	51.38 0.00 0.00	47.83 0.02 0.00	49.07 0.00 0.00	49.34 -0.14 0.00	40.74 -0.20 0.00	36.99 -0.24 0.00
BETHLEHEM___STEEL 23779	39.43 -0.21 0.00	45.00 -0.25 0.00	40.58 -0.47 0.00	37.58 -0.87 0.00	41.14 -0.35 0.00	43.08 -0.74 0.00	86.10 -4.71 0.00	96.80 -6.95 14.32	57.29 -7.30 47.37	44.81 -2.22 0.00	43.04 -1.17 0.00	41.81 -1.49 0.00	38.23 -1.83 0.00	35.80 -2.05 0.00	35.45 -2.50 0.00	34.21 -2.64 0.00	36.23 -3.57 0.00	40.24 -4.38 5.24	44.31 -4.19 2.87	42.56 -3.99 1.26	43.20 -4.12 1.75	43.39 -3.86 2.22	38.14 -2.80 0.00	35.44 -1.79 0.00
BETHLHEM_115KV_TB1 79974	39.36 -0.28 0.00	44.93 -0.32 0.00	40.82 -0.23 0.00	38.30 -0.15 0.00	41.19 -0.30 0.00	43.61 -0.21 0.00	90.63 -0.17 0.00	118.25 0.19 0.00	111.75 -0.21 0.00	46.89 -0.14 0.00	44.00 -0.21 0.00	43.25 -0.05 0.00	40.10 0.04 0.00	37.92 0.08 0.00	38.20 0.24 0.00	37.15 0.30 0.00	40.18 0.38 0.00	50.17 0.31 0.00	51.54 0.16 0.00	47.98 0.17 0.00	49.22 0.15 0.00	49.49 0.01 0.00	40.88 -0.06 0.00	37.13 -0.10 0.00
BETHPAGE_CC_5 323564	40.66 1.03 0.00	46.58 1.33 0.00	42.15 1.09 0.00	39.54 1.10 0.00	42.53 1.04 0.00	44.25 0.82 0.39	92.59 1.79 0.00	118.13 3.85 3.78	98.55 2.91 16.34	48.83 1.80 0.00	46.50 2.22 -0.07	45.77 2.47 0.00	42.30 2.23 0.00	39.78 1.93 0.00	40.02 2.07 0.00	38.85 2.00 0.00	41.69 1.89 0.00	51.81 1.95 0.00	51.97 1.85 1.26	49.70 1.90 0.00	50.98 1.91 0.00	50.98 1.50 0.00	42.14 1.21 0.00	38.67 1.44 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.48 -0.15 0.00	45.09 -0.17 0.00	40.65 -0.40 0.00	37.64 -0.81 0.00	41.21 -0.28 0.00	43.17 -0.66 0.00	86.37 -4.43 0.00	96.90 -6.60 14.56	57.06 -6.97 47.93	44.92 -2.11 0.00	43.15 -1.06 0.00	41.92 -1.38 0.00	38.34 -1.73 0.00	35.89 -1.96 0.00	35.54 -2.41 0.00	34.31 -2.55 0.00	36.35 -3.45 0.00	40.35 -4.21 5.30	44.45 -4.04 2.90	42.71 -3.83 1.27	43.35 -3.96 1.77	43.52 -3.71 2.24	38.26 -2.68 0.00	35.52 -1.71 0.00
BINGHAMTON___COGEN 23790	39.62 -0.01 0.00	45.29 0.04 0.00	41.01 -0.04 0.00	38.39 -0.06 0.00	41.58 0.09 0.00	44.02 0.19 0.00	91.10 0.30 0.00	116.40 1.01 2.68	102.72 -0.08 9.17	47.15 0.12 0.00	44.49 0.28 0.00	43.47 0.17 0.00	40.10 0.04 0.00	37.77 -0.08 0.00	37.81 -0.13 0.00	36.75 -0.10 0.00	39.68 -0.12 0.00	49.48 -0.12 0.26	51.39 0.01 0.00	47.83 0.02 0.00	48.59 -0.02 0.46	49.43 -0.05 0.00	40.88 -0.06 0.00	37.28 0.05 0.00

BIXINCNT_115KV_LOAD 355685	39.76 0.13 0.00	45.51 0.26 0.00	40.99 -0.06 0.00	37.95 -0.50 0.00	41.56 0.08 0.00	43.66 -0.16 0.00	87.94 -2.87 0.00	97.56 -4.63 15.86	56.23 -5.30 50.44	45.47 -1.56 0.00	43.63 -0.58 0.00	42.50 -0.79 0.00	38.97 -1.10 0.00	36.52 -1.33 0.00	36.20 -1.75 0.00	34.89 -1.96 0.00	36.91 -2.89 0.00	40.81 -3.48 5.57	44.99 -3.37 3.02	43.26 -3.22 1.32	44.00 -3.23 1.85	44.15 -2.99 2.34	38.81 -2.13 0.00	35.88 -1.35 0.00
BLACK RIVER___HYD 24047	41.63 2.00 0.00	47.32 2.07 0.00	42.85 1.80 0.00	40.17 1.72 0.00	43.66 2.18 0.00	46.27 2.44 0.00	96.25 5.44 0.00	126.05 7.99 0.00	157.32 7.20 -38.16	48.79 1.56 -0.20	44.39 0.18 0.00	43.08 -0.22 0.00	40.02 -0.04 0.00	37.87 0.02 0.00	37.86 -0.09 0.00	36.59 -0.26 0.00	39.78 -0.02 0.00	51.53 1.67 0.00	53.59 2.22 0.00	49.82 2.02 0.00	50.90 1.83 0.00	51.63 2.15 0.00	42.55 1.61 0.00	38.53 1.30 0.00
BLACKRVR_115KV_TB2 79977	41.63 2.00 0.00	47.31 2.06 0.00	42.85 1.80 0.00	40.17 1.72 0.00	43.67 2.18 0.00	46.27 2.45 0.00	96.25 5.44 0.00	126.08 8.01 0.00	157.35 7.22 -38.16	48.79 1.56 -0.20	44.38 0.18 0.00	43.08 -0.22 0.00	40.02 -0.04 0.00	37.87 0.02 0.00	37.86 -0.09 0.00	36.59 -0.26 0.00	39.78 -0.02 0.00	51.53 1.67 0.00	53.59 2.22 0.00	49.82 2.02 0.00	50.91 1.83 0.00	51.63 2.15 0.00	42.54 1.60 0.00	38.52 1.29 0.00
BLDWN_LI_69_KV_BK4 356085	40.87 1.24 0.00	46.78 1.52 0.00	42.32 1.27 0.00	39.72 1.27 0.00	42.72 1.24 0.00	44.73 1.13 0.22	93.07 2.26 0.00	118.98 4.47 3.56	100.08 3.51 15.39	49.08 2.04 0.00	47.16 2.48 -0.46	45.99 2.69 0.00	42.48 2.42 0.00	39.97 2.12 0.00	40.22 2.25 -0.02	39.05 2.20 0.00	41.93 2.13 0.00	52.15 2.28 0.00	52.81 2.20 0.76	50.03 2.22 0.00	51.35 2.27 0.00	51.37 1.90 0.00	42.46 1.52 0.00	38.87 1.64 0.00
BLISS_WT_PWR 323608	38.82 0.16 0.98	44.20 0.31 1.37	39.62 -0.04 1.39	36.93 -0.49 1.03	40.84 0.08 0.72	42.25 -0.15 1.42	86.47 -2.84 1.50	87.92 -4.67 25.47	54.63 -5.50 51.83	45.13 -1.58 0.32	43.33 -0.63 0.25	42.48 -0.81 0.00	39.00 -1.06 0.00	36.45 -1.29 0.11	36.24 -1.71 0.00	34.91 -1.94 0.00	36.19 -2.91 0.69	39.89 -3.48 6.50	43.33 -3.43 4.62	41.37 -3.29 3.14	41.93 -3.26 3.88	42.78 -3.02 3.68	37.27 -2.12 1.55	34.91 -1.37 0.96
BLUESTONE___WT_PWR 323821	41.17 1.36 -0.18	47.22 1.71 -0.26	43.03 1.72 -0.26	40.27 1.63 -0.19	43.51 1.89 -0.14	46.47 2.38 -0.27	96.47 5.38 -0.28	134.99 7.83 -9.10	140.20 6.00 -22.24	49.23 2.20 0.00	46.12 1.91 0.00	44.96 1.66 0.00	41.42 1.36 0.00	38.92 1.07 0.00	38.87 0.92 0.00	37.77 0.92 0.00	41.36 1.42 -0.14	55.22 2.27 -3.09	56.07 2.08 -2.62	50.65 1.47 -1.38	52.31 1.82 -1.42	53.55 2.02 -2.05	42.95 1.69 -0.32	38.85 1.42 -0.20
BLUE_CIRC_CHEM_DRP 24182	39.93 0.30 0.00	45.61 0.36 0.00	41.43 0.38 0.00	38.87 0.41 0.00	41.82 0.33 0.00	44.25 0.43 0.00	91.91 1.11 0.00	119.85 1.79 0.00	113.04 1.08 0.00	47.28 0.25 0.00	44.35 0.14 0.00	43.60 0.30 0.00	40.41 0.35 0.00	38.20 0.35 0.00	38.44 0.50 0.00	37.36 0.52 0.00	40.53 0.74 0.00	50.71 0.85 0.00	52.13 0.75 0.00	48.50 0.70 0.00	49.78 0.70 0.00	50.08 0.60 0.00	41.38 0.44 0.00	37.61 0.38 0.00
BOC_GAS_DRP 24189	39.76 0.12 0.00	45.42 0.17 0.00	41.24 0.19 0.00	38.70 0.25 0.00	41.63 0.14 0.00	44.04 0.22 0.00	91.45 0.64 0.00	119.38 1.31 0.00	112.70 0.73 0.00	47.36 0.33 0.00	44.51 0.30 0.00	43.72 0.42 0.00	40.51 0.45 0.00	38.27 0.42 0.00	38.50 0.55 0.00	37.44 0.59 0.00	40.46 0.67 0.00	50.49 0.63 0.00	51.88 0.51 0.00	48.31 0.51 0.00	49.56 0.49 0.00	49.90 0.42 0.00	41.24 0.31 0.00	37.49 0.26 0.00
BOONVILLE_115KV_TB1 79983	40.88 1.24 0.00	46.65 1.40 0.00	42.30 1.24 0.00	39.62 1.17 0.00	42.90 1.41 0.00	45.41 1.59 0.00	94.47 3.66 0.00	124.34 6.28 0.00	144.71 6.35 -26.40	48.99 1.83 -0.14	45.19 0.98 0.00	43.88 0.58 0.00	40.63 0.56 0.00	38.43 0.58 0.00	38.41 0.47 0.00	37.18 0.33 0.00	40.35 0.56 0.00	51.24 1.38 0.00	52.95 1.58 0.00	49.34 1.54 0.00	50.55 1.48 0.00	51.07 1.60 0.00	42.15 1.22 0.00	38.25 1.02 0.00
BORALEX_4TH_BRANCH 23824	40.72 1.08 0.00	46.35 1.10 0.00	42.22 1.16 0.00	39.56 1.11 0.00	42.46 0.97 0.00	44.98 1.16 0.00	93.58 2.78 0.00	121.44 3.38 0.00	115.15 3.19 0.00	48.23 1.20 0.00	44.98 0.77 0.00	44.26 0.96 0.00	41.17 1.11 0.00	39.04 1.19 0.00	39.49 1.54 0.00	38.50 1.65 0.00	41.61 1.81 0.00	51.96 2.11 0.00	53.21 1.84 0.00	49.56 1.75 0.00	50.99 1.92 0.00	51.08 1.61 0.00	42.09 1.16 0.00	38.11 0.88 0.00
BOWLINE___1 23526	40.59 0.95 0.00	46.37 1.12 0.00	41.99 0.94 0.00	39.40 0.95 0.00	42.50 1.01 0.00	45.08 1.26 0.00	93.81 3.00 0.00	123.34 5.27 0.00	116.08 4.12 0.00	48.91 1.89 0.00	46.37 2.16 0.00	45.65 2.35 0.00	42.20 2.14 0.00	39.72 1.87 0.00	39.93 1.98 0.00	38.87 2.02 0.00	41.92 2.12 0.00	52.04 2.18 0.00	53.54 2.17 0.00	49.89 2.09 0.00	51.06 1.99 0.00	51.29 1.82 0.00	42.43 1.49 0.00	38.70 1.48 0.00
BOWLINE___2 23595	40.57 0.94 0.00	46.36 1.11 0.00	41.98 0.93 0.00	39.38 0.93 0.00	42.48 1.00 0.00	45.07 1.26 0.00	93.77 2.96 0.00	123.30 5.24 0.00	116.07 4.11 0.00	48.90 1.88 0.00	46.36 2.15 0.00	45.63 2.33 0.00	42.18 2.12 0.00	39.71 1.87 0.00	39.93 1.98 0.00	38.86 2.01 0.00	41.89 2.09 0.00	52.01 2.15 0.00	53.53 2.16 0.00	49.89 2.08 0.00	51.05 1.98 0.00	51.28 1.80 0.00	42.42 1.48 0.00	38.70 1.47 0.00
BRADY___115KV_TB2 356060	41.56 1.92 0.00	47.44 2.19 0.00	43.01 1.96 0.00	40.19 1.74 0.00	43.42 1.93 0.00	45.76 1.94 0.00	94.51 3.71 0.00	121.70 3.63 0.00	324.52 4.96 -207.59	49.58 1.47 -1.09	45.39 1.18 0.00	44.36 1.07 0.00	41.10 1.04 0.00	38.94 1.09 0.00	38.97 1.02 0.00	37.79 0.94 0.00	40.58 0.78 0.00	51.27 1.41 0.00	52.90 1.53 0.00	49.46 1.66 0.00	50.87 1.79 0.00	51.50 2.02 0.00	42.72 1.78 0.00	38.75 1.52 0.00
BRANSCOMB___SOLAR 323811	40.72 1.09 0.00	46.48 1.22 0.00	42.29 1.24 0.00	39.64 1.19 0.00	42.62 1.13 0.00	45.16 1.34 0.00	94.22 3.41 0.00	122.54 4.47 0.00	115.71 3.75 0.00	48.41 1.38 0.00	45.38 1.17 0.00	44.44 1.14 0.00	41.18 1.12 0.00	39.04 1.19 0.00	39.19 1.24 0.00	38.13 1.28 0.00	41.40 1.60 0.00	52.05 2.19 0.00	53.49 2.12 0.00	49.77 1.97 0.00	51.10 2.03 0.00	51.24 1.77 0.00	42.27 1.33 0.00	38.32 1.10 0.00
BRDGHMPT_69_KV_BK1 55812	40.64 1.00 0.00	47.03 1.78 0.00	42.65 1.60 0.00	40.11 1.66 0.00	43.23 1.74 0.00	44.71 1.40 0.51	94.31 3.50 0.00	119.77 5.90 4.19	98.60 4.78 18.14	49.06 2.03 0.00	46.20 2.08 0.08	45.82 2.52 0.00	42.47 2.41 0.00	39.86 2.01 0.00	40.26 2.31 0.00	39.32 2.47 0.00	42.08 2.28 0.00	52.10 2.24 0.00	51.79 2.03 1.61	50.25 2.45 0.00	51.78 2.71 0.00	51.70 2.22 0.00	42.73 1.80 0.00	39.28 2.05 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	40.99 1.36 0.00	47.05 1.80 0.00	42.58 1.53 0.00	39.95 1.50 0.00	42.93 1.44 0.00	44.48 1.16 0.49	93.33 2.53 0.00	118.64 4.70 4.12	97.74 3.62 17.84	49.13 2.10 0.00	46.64 2.49 0.06	46.11 2.81 0.00	42.62 2.56 0.00	40.05 2.20 0.00	40.30 2.35 0.00	39.12 2.27 0.00	41.95 2.15 0.00	52.18 2.32 0.00	52.00 2.18 1.55	50.02 2.22 0.00	51.42 2.35 0.00	51.35 1.88 0.00	42.42 1.49 0.00	38.92 1.69 0.00
BRISTLHL_115KV_TB1 79998	38.75 -0.88 0.00	44.21 -1.05 0.00	40.10 -0.95 0.00	37.54 -0.91 0.00	40.59 -0.90 0.00	42.93 -0.89 0.00	88.95 -1.85 0.00	116.13 -1.93 0.00	109.66 -2.30 0.00	45.99 -1.04 0.00	43.15 -1.06 0.00	42.17 -1.13 0.00	38.94 -1.12 0.00	36.77 -1.08 0.00	36.81 -1.14 0.00	35.76 -1.08 0.00	38.66 -1.14 0.00	48.64 -1.22 0.00	50.22 -1.16 0.00	46.70 -1.10 0.00	47.90 -1.17 0.00	48.30 -1.17 0.00	39.97 -0.97 0.00	36.39 -0.83 0.00
BROOKHAVEN___DRP 24191	40.40 0.77 0.00	46.54 1.28 0.00	42.13 1.08 0.00	39.56 1.11 0.00	42.52 1.03 0.00	43.96 0.66 0.51	92.46 1.65 0.00	117.54 3.67 4.19	96.54 2.72 18.15	48.33 1.30 0.00	45.76 1.64 0.08	45.23 1.93 0.00	41.91 1.85 0.00	39.30 1.45 0.00	39.66 1.71 0.00	38.67 1.83 0.00	41.43 1.64 0.00	51.41 1.55 0.00	50.98 1.21 1.61	49.25 1.45 0.00	50.73 1.65 0.00	50.64 1.17 0.00	41.94 1.00 0.00	38.61 1.38 0.00
BROOKLYN_NAVY_YARD 23515	40.72 1.09 0.00	46.48 1.22 0.00	42.10 1.05 0.00	39.50 1.05 0.00	42.60 1.11 0.00	45.22 1.40 0.00	94.10 3.29 0.00	123.99 5.92 0.00	116.71 4.75 0.00	49.30 2.28 0.01	46.80 2.59 0.00	46.06 2.76 0.00	42.57 2.52 0.00	40.13 2.27 0.00	40.30 2.35 0.00	39.24 2.39 0.00	42.28 2.49 0.00	52.42 2.56 0.01	53.90 2.54 0.01	50.24 2.44 0.00	51.41 2.34 0.00	51.59 2.12 0.00	42.64 1.70 0.00	38.88 1.66 0.00
BROOKLYN___ARMY_DRP 323595	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00
BROOME_2_LFGE 323671	39.84 -0.01 -0.22	45.60 0.04 -0.31	41.33 -0.04 -0.32	38.62 -0.06 -0.23	41.75 0.09 -0.16	44.34 0.20 -0.32	91.44 0.30 -0.34	119.84 1.01 -0.77	103.10 -0.13 8.73	47.23 0.12 -0.08	44.49 0.28 0.00	43.47 0.18 0.00	40.10 0.04 0.00	37.77 -0.08 0.00	37.81 -0.13 0.00	36.75 -0.10 0.00	39.85 -0.13 -0.17	49.72 -0.12 0.03	51.79 0.01 -0.40	48.29 0.03 -0.46	49.12 -0.01 -0.05	49.77 -0.05 -0.34	41.27 -0.05 -0.39	37.52 0.04 -0.24
BROOME___LFGE 323600	39.84 -0.01 -0.22	45.60 0.04 -0.31	41.33 -0.04 -0.32	38.62 -0.06 -0.23	41.75 0.09 -0.16	44.34 0.20 -0.32	91.44 0.30 -0.34	119.84 1.01 -0.77	103.10 -0.13 8.73	47.23 0.12 -0.08	44.49 0.28 0.00	43.47 0.18 0.00	40.10 0.04 0.00	37.77 -0.08 0.00	37.81 -0.13 0.00	36.75 -0.10 0.00	39.85 -0.13 -0.17	49.72 -0.12 0.03	51.79 0.01 -0.40	48.29 0.03 -0.46	49.12 -0.01 -0.05	49.77 -0.05 -0.34	41.27 -0.05 -0.39	37.52 0.04 -0.24
BROWNFLS_115KV_TB 3_5 80003	41.48 1.85 0.00	47.28 2.03 0.00	42.85 1.80 0.00	40.08 1.63 0.00	43.40 1.92 0.00	45.82 2.00 0.00	94.75 3.94 0.00	122.87 4.80 0.00	213.90 5.39 -96.54	48.92 1.39 -0.51	44.83 0.63 0.00	43.71 0.41 0.00	40.68 0.62 0.00	38.53 0.67 0.00	38.52 0.57 0.00	37.27 0.42 0.00	40.02 0.22 0.00	50.89 1.03 0.00	52.50 1.12 0.00	48.97 1.17 0.00	50.34 1.27 0.00	51.34 1.87 0.00	42.55 1.61 0.00	38.55 1.32 0.00
BROWNSV1_27_KV_LOAD 356125	41.22 1.58 0.00	46.98 1.73 0.00	42.55 1.50 0.00	39.94 1.49 0.00	43.08 1.59 0.00	45.72 1.90 0.00	95.19 4.38 0.00	125.47 7.40 0.00	118.16 6.19 0.00	49.96 2.93 0.00	47.39 3.18 0.00	46.65 3.36 0.00	43.12 3.06 0.00	40.62 2.76 0.00	40.79 2.84 0.00	39.71 2.87 0.00	42.79 3.00 0.00	53.09 3.23 0.00	54.63 3.26 0.00	50.89 3.08 0.00	52.05 2.98 0.00	52.22 2.74 0.00	43.15 2.21 0.00	39.33 2.10 0.00
BURROWS___LYONSDAL 23803	41.00 1.36 0.00	46.77 1.51 0.00	42.39 1.34 0.00	39.70 1.25 0.00	43.00 1.52 0.00	45.54 1.72 0.00	94.70 3.89 0.00	124.47 6.41 0.00	150.53 6.43 -32.14	48.97 1.77 -0.17	45.06 0.85 0.00	43.77 0.47 0.00	40.55 0.49 0.00	38.37 0.52 0.00	38.36 0.41 0.00	37.11 0.26 0.00	40.26 0.46 0.00	51.23 1.37 0.00	52.96 1.59 0.00	49.34 1.54 0.00	50.53 1.45 0.00	51.12 1.64 0.00	42.19 1.26 0.00	38.26 1.03 0.00
CAITHNESS_CC_1 323624	40.33 0.70 0.00	46.45 1.20 0.00	42.05 1.00 0.00	39.48 1.03 0.00	42.43 0.94 0.00	43.88 0.57 0.51	92.25 1.45 0.00	117.26 3.40 4.20	96.32 2.51 18.15	48.29 1.26 0.00	45.74 1.61 0.08	45.21 1.92 0.00	41.88 1.82 0.00	39.29 1.44 0.00	39.62 1.67 0.00	38.62 1.77 0.00	41.36 1.56 0.00	51.31 1.45 0.00	50.90 1.13 1.61	49.14 1.34 0.00	50.61 1.54 0.00	50.53 1.05 0.00	41.84 0.90 0.00	38.51 1.28 0.00
CALPINE BETH_PAGE_GT4 24209	40.73 1.09 0.00	46.64 1.38 0.00	42.19 1.14 0.00	39.60 1.15 0.00	42.58 1.10 0.00	44.40 0.93 0.35	92.83 2.03 0.00	118.60 4.15 3.62	99.50 3.20 15.67	48.92 1.89 0.00	46.65 2.31 -0.13	45.83 2.53 0.00	42.36 2.30 0.00	39.85 2.00 0.00	40.09 2.13 -0.01	38.92 2.07 0.00	41.79 1.99 0.00	51.95 2.09 0.00	52.24 1.99 1.13	49.84 2.03 0.00	51.11 2.04 0.00	51.11 1.64 0.00	42.25 1.32 0.00	38.72 1.49 0.00
CALPINE_BETH_PAGE_GT_4 323586	40.72 1.08 0.00	46.64 1.38 0.00	42.19 1.14 0.00	39.60 1.15 0.00	42.58 1.10 0.00	44.40 0.93 0.35	92.83 2.02 0.00	118.60 4.15 3.62	99.53 3.23 15.67	48.92 1.89 0.00	46.65 2.31 -0.13	45.83 2.53 0.00	42.36 2.30 0.00	39.85 2.00 0.00	40.09 2.13 -0.01	38.92 2.07 0.00	41.79 1.99 0.00	51.94 2.08 0.00	52.24 1.99 1.13	49.82 2.01 0.00	51.10 2.03 0.00	51.10 1.62 0.00	42.24 1.31 0.00	38.72 1.49 0.00
CALPINE_BP_GT1 23823	40.72 1.08 0.00	46.64 1.38 0.00	42.19 1.14 0.00	39.60 1.15 0.00	42.58 1.10 0.00	44.40 0.93 0.35	92.83 2.02 0.00	118.60 4.15 3.62	99.53 3.23 15.67	48.92 1.89 0.00	46.65 2.31 -0.13	45.83 2.53 0.00	42.36 2.30 0.00	39.85 2.00 0.00	40.09 2.13 -0.01	38.92 2.07 0.00	41.79 1.99 0.00	51.94 2.08 0.00	52.24 1.99 1.13	49.82 2.01 0.00	51.10 2.03 0.00	51.10 1.62 0.00	42.24 1.31 0.00	38.72 1.49 0.00
CALSPAN___DRP 24200	39.43 -0.21 0.00	45.00 -0.25 0.00	40.58 -0.47 0.00	37.58 -0.87 0.00	41.14 -0.35 0.00	43.08 -0.74 0.00	86.10 -4.71 0.00	96.80 -6.95 14.32	57.29 -7.30 47.37	44.81 -2.22 0.00	43.04 -1.17 0.00	41.81 -1.49 0.00	38.23 -1.83 0.00	35.80 -2.05 0.00	35.45 -2.50 0.00	34.21 -2.64 0.00	36.23 -3.57 0.00	40.24 -4.38 5.24	44.31 -4.19 2.87	42.56 -3.99 1.26	43.20 -4.12 1.75	43.39 -3.86 2.22	38.14 -2.80 0.00	35.44 -1.79 0.00

CALVERTON___SOLAR 323806	40.44 0.81 0.00	46.63 1.37 0.00	42.21 1.16 0.00	39.64 1.19 0.00	42.61 1.12 0.00	44.05 0.74 0.51	92.73 1.92 0.00	117.90 4.03 4.19	96.89 3.07 18.15	48.40 1.37 0.00	45.78 1.66 0.08	45.27 1.97 0.00	41.95 1.89 0.00	39.34 1.48 0.00	39.70 1.75 0.00	38.74 1.89 0.00	41.52 1.73 0.00	51.51 1.65 0.00	51.08 1.32 1.61	49.35 1.54 0.00	50.85 1.78 0.00	50.76 1.28 0.00	42.04 1.11 0.00	38.69 1.46 0.00
CANDIGU_WT_PWR 323617	39.79 -0.23 -0.39	45.63 -0.17 -0.55	41.31 -0.30 -0.56	38.33 -0.53 -0.41	41.53 -0.24 -0.29	44.09 -0.30 -0.57	89.33 -2.07 -0.60	97.73 -4.92 15.41	23.75 -6.51 81.70	44.88 -2.49 -0.35	43.03 -1.32 -0.14	42.15 -1.15 0.00	38.37 -1.70 0.00	35.99 -1.98 -0.11	35.64 -2.31 0.00	34.43 -2.42 0.00	37.31 -3.01 -0.52	37.96 -3.36 8.54	44.48 -2.97 3.93	44.11 -2.81 0.88	44.40 -3.08 1.60	43.36 -3.14 2.97	39.77 -2.34 -1.17	36.36 -1.59 -0.72
CARR STREET_E_SYR 24060	38.97 -0.66 0.00	44.48 -0.78 0.00	40.33 -0.72 0.00	37.75 -0.69 0.00	40.83 -0.65 0.00	43.20 -0.62 0.00	89.50 -1.31 0.00	116.81 -1.26 0.00	110.14 -1.82 0.00	46.26 -0.77 0.00	43.45 -0.75 0.00	42.49 -0.80 0.00	39.25 -0.81 0.00	37.02 -0.83 0.00	37.07 -0.88 0.00	36.02 -0.83 0.00	38.96 -0.84 0.00	48.97 -0.89 0.00	50.56 -0.82 0.00	47.03 -0.77 0.00	48.23 -0.85 0.00	48.62 -0.86 0.00	40.20 -0.74 0.00	36.60 -0.63 0.00
CARTHAGE___PAPER 23857	41.78 2.15 0.00	47.54 2.29 0.00	43.06 2.01 0.00	40.35 1.90 0.00	43.81 2.32 0.00	46.39 2.57 0.00	96.39 5.59 0.00	126.11 8.04 0.00	164.47 7.58 -44.92	49.03 1.77 -0.24	44.68 0.48 0.00	43.40 0.10 0.00	40.38 0.31 0.00	38.22 0.37 0.00	38.20 0.25 0.00	36.94 0.09 0.00	40.09 0.29 0.00	51.70 1.84 0.00	53.66 2.29 0.00	49.93 2.12 0.00	51.06 1.99 0.00	51.84 2.36 0.00	42.76 1.83 0.00	38.72 1.49 0.00
CASSADAGA_WT_PWR 323784	38.84 0.15 0.94	44.08 0.14 1.32	39.65 -0.06 1.35	36.85 -0.61 0.99	40.84 0.05 0.70	42.50 0.04 1.37	86.57 -2.80 1.44	88.49 -4.84 24.74	55.50 -5.81 50.66	45.25 -1.47 0.31	43.80 -0.17 0.24	43.21 -0.08 0.00	39.45 -0.62 0.00	36.71 -1.03 0.11	36.49 -1.47 0.00	35.11 -1.74 0.00	36.37 -2.76 0.66	39.97 -3.55 6.34	43.39 -3.49 4.50	41.26 -3.50 3.04	41.77 -3.54 3.77	42.43 -3.47 3.58	36.86 -2.58 1.49	34.28 -2.03 0.92
CE_DUNWOOD___DRP 24194	40.70 1.07 0.00	46.50 1.25 0.00	42.10 1.05 0.00	39.52 1.07 0.00	42.60 1.11 0.00	45.18 1.36 0.00	93.95 3.14 0.00	123.66 5.59 0.00	116.45 4.48 0.00	49.15 2.12 0.00	46.59 2.38 0.00	45.86 2.56 0.00	42.40 2.34 0.00	39.93 2.08 0.00	40.14 2.19 0.00	39.07 2.21 0.00	42.10 2.30 0.00	52.26 2.40 0.00	53.76 2.39 0.00	50.08 2.28 0.00	51.25 2.18 0.00	51.46 1.98 0.00	42.55 1.61 0.00	38.80 1.57 0.00
CE_MILLWOOD___DRP 24193	40.66 1.02 0.00	46.42 1.17 0.00	42.06 1.01 0.00	39.46 1.01 0.00	42.55 1.06 0.00	45.13 1.31 0.00	93.86 3.06 0.00	123.47 5.41 0.00	116.25 4.28 0.00	49.06 2.03 0.00	46.50 2.29 0.00	45.76 2.46 0.00	42.31 2.24 0.00	39.84 1.99 0.00	40.04 2.10 0.00	38.98 2.13 0.00	42.02 2.22 0.00	52.17 2.31 0.00	53.68 2.30 0.00	50.00 2.20 0.00	51.17 2.10 0.00	51.38 1.91 0.00	42.49 1.55 0.00	38.75 1.52 0.00
CE_NYC2_DRP 24202	40.86 1.22 0.00	46.56 1.30 0.00	42.20 1.15 0.00	39.62 1.17 0.00	42.69 1.20 0.00	45.28 1.46 0.00	93.99 3.18 0.00	124.22 6.15 0.00	116.80 4.83 0.00	49.37 2.34 0.00	46.92 2.71 0.00	46.16 2.87 0.00	42.66 2.60 0.00	40.18 2.32 0.00	40.39 2.44 0.00	39.32 2.47 0.00	42.26 2.47 0.00	52.37 2.51 0.00	53.82 2.44 0.00	50.17 2.37 0.00	51.31 2.24 0.00	51.55 2.08 0.00	42.59 1.65 0.00	38.89 1.66 0.00
CE_NYC_DRP 24195	40.92 1.28 0.00	46.69 1.44 0.00	42.28 1.23 0.00	39.68 1.23 0.00	42.79 1.31 0.00	45.43 1.61 0.00	94.49 3.69 0.00	124.51 6.45 0.00	117.27 5.30 0.00	49.58 2.55 0.00	47.04 2.83 0.00	46.32 3.02 0.00	42.82 2.76 0.00	40.32 2.47 0.00	40.52 2.56 0.00	39.44 2.60 0.00	42.50 2.70 0.00	52.70 2.84 0.00	54.20 2.83 0.00	50.48 2.67 0.00	51.63 2.56 0.00	51.81 2.34 0.00	42.82 1.88 0.00	39.04 1.81 0.00
CHAFFEE___LFGE 323603	38.63 -0.11 0.89	43.88 -0.14 1.24	39.40 -0.38 1.26	36.74 -0.78 0.93	40.59 -0.24 0.66	41.94 -0.60 1.29	85.24 -4.22 1.36	88.05 -6.32 23.70	54.98 -6.87 50.12	44.72 -2.03 0.28	42.97 -1.02 0.22	41.96 -1.34 0.00	38.35 -1.72 0.00	35.78 -1.97 0.10	35.54 -2.41 0.00	34.31 -2.54 0.00	35.79 -3.40 0.61	39.54 -4.10 6.22	43.16 -3.87 4.35	41.29 -3.63 2.88	41.71 -3.78 3.58	42.46 -3.56 3.46	37.01 -2.57 1.36	34.75 -1.64 0.84
CHATEAUG_35_KV_LOAD 355732	40.67 1.04 0.00	46.41 1.16 0.00	42.13 1.08 0.00	39.40 0.95 0.00	42.45 0.96 0.00	44.62 0.80 0.00	91.94 1.14 0.00	118.70 0.63 0.00	125.72 1.71 -12.04	47.71 0.62 -0.06	44.81 0.60 0.00	43.84 0.55 0.00	40.60 0.53 0.00	38.46 0.61 0.00	38.54 0.59 0.00	37.31 0.46 0.00	40.07 0.27 0.00	50.37 0.51 0.00	51.90 0.53 0.00	48.33 0.53 0.00	49.65 0.58 0.00	50.16 0.68 0.00	41.69 0.76 0.00	37.91 0.68 0.00
CHATEAUG_WT_PWR 323614	40.50 0.87 0.00	46.22 0.97 0.00	41.95 0.90 0.00	39.25 0.80 0.00	42.26 0.78 0.00	44.44 0.62 0.00	91.53 0.72 0.00	118.12 0.05 0.00	113.07 1.11 0.00	47.52 0.49 0.00	44.74 0.53 0.00	43.78 0.48 0.00	40.55 0.49 0.00	38.41 0.55 0.00	38.48 0.53 0.00	37.26 0.42 0.00	40.00 0.20 0.00	50.21 0.35 0.00	51.64 0.27 0.00	48.11 0.31 0.00	49.42 0.35 0.00	49.94 0.46 0.00	41.54 0.60 0.00	37.80 0.57 0.00
CHAT_HIGH_FALL_HYD 323578	40.67 1.04 0.00	46.41 1.16 0.00	42.13 1.08 0.00	39.40 0.95 0.00	42.45 0.96 0.00	44.62 0.80 0.00	91.94 1.14 0.00	118.70 0.63 0.00	125.72 1.71 -12.04	47.71 0.62 -0.06	44.81 0.60 0.00	43.84 0.55 0.00	40.60 0.53 0.00	38.46 0.61 0.00	38.54 0.59 0.00	37.31 0.46 0.00	40.07 0.27 0.00	50.37 0.51 0.00	51.90 0.53 0.00	48.33 0.53 0.00	49.65 0.58 0.00	50.16 0.68 0.00	41.69 0.76 0.00	37.91 0.68 0.00
CHAUTAUQUA___LFGE 323629	38.63 -0.09 0.91	43.84 -0.14 1.27	39.42 -0.33 1.30	36.73 -0.77 0.95	40.64 -0.17 0.67	42.19 -0.32 1.32	85.98 -3.44 1.39	88.47 -5.84 23.75	55.48 -6.96 49.52	44.81 -1.92 0.29	43.31 -0.67 0.22	42.65 -0.65 0.00	38.91 -1.16 0.00	36.24 -1.51 0.10	36.02 -1.93 0.00	34.72 -2.13 0.00	36.12 -3.06 0.62	39.78 -3.92 6.16	43.34 -3.70 4.34	41.31 -3.60 2.90	41.79 -3.69 3.59	42.42 -3.61 3.45	36.88 -2.67 1.38	34.46 -1.91 0.86
CHERRYST_13_KV_LD 356241	41.00 1.37 0.00	46.78 1.53 0.00	42.37 1.32 0.00	39.76 1.31 0.00	42.89 1.40 0.00	45.54 1.72 0.00	94.74 3.94 0.00	124.87 6.80 0.00	117.62 5.65 0.00	49.75 2.72 0.00	47.20 2.99 0.00	46.46 3.16 0.00	42.96 2.90 0.00	40.46 2.61 0.00	40.64 2.69 0.00	39.57 2.72 0.00	42.63 2.84 0.00	52.88 3.02 0.00	54.37 2.99 0.00	50.61 2.81 0.00	51.75 2.68 0.00	51.93 2.46 0.00	42.92 1.98 0.00	39.12 1.89 0.00

CHESTROR_138KV_BK263 355645	40.58 0.95 0.00	46.38 1.12 0.00	42.01 0.95 0.00	39.41 0.96 0.00	42.51 1.02 0.00	45.08 1.26 0.00	93.75 2.94 0.00	123.16 5.10 0.00	115.95 3.98 0.00	48.81 1.78 0.00	46.18 1.97 0.00	45.42 2.12 0.00	41.99 1.92 0.00	39.55 1.70 0.00	39.75 1.80 0.00	38.70 1.85 0.00	41.76 1.96 0.00	51.92 2.06 0.00	53.48 2.10 0.00	49.82 2.02 0.00	51.01 1.93 0.00	51.27 1.79 0.00	42.40 1.46 0.00	38.66 1.43 0.00
CH_MIDHUDSON___DRP 24192	40.70 1.06 0.00	46.48 1.22 0.00	42.12 1.06 0.00	39.52 1.07 0.00	42.61 1.12 0.00	45.17 1.35 0.00	93.93 3.12 0.00	123.45 5.39 0.00	116.24 4.28 0.00	48.97 1.94 0.00	46.31 2.10 0.00	45.53 2.23 0.00	42.09 2.03 0.00	39.67 1.81 0.00	39.85 1.90 0.00	38.81 1.96 0.00	41.89 2.09 0.00	52.12 2.26 0.00	53.63 2.25 0.00	49.95 2.15 0.00	51.14 2.07 0.00	51.40 1.92 0.00	42.48 1.54 0.00	38.69 1.46 0.00
CH_MISC_IPPS 23765	40.95 1.32 0.00	46.78 1.53 0.00	42.38 1.32 0.00	39.75 1.30 0.00	42.88 1.40 0.00	45.48 1.66 0.00	94.66 3.85 0.00	124.42 6.36 0.00	117.12 5.16 0.00	49.28 2.25 0.00	46.60 2.40 0.00	45.81 2.51 0.00	42.34 2.28 0.00	39.87 2.02 0.00	40.08 2.13 0.00	39.06 2.21 0.00	42.19 2.39 0.00	52.49 2.63 0.00	54.04 2.67 0.00	50.35 2.55 0.00	51.51 2.44 0.00	51.77 2.29 0.00	42.79 1.85 0.00	38.97 1.74 0.00
CH_RES_BVR_FALLS 23983	39.87 0.23 0.00	45.50 0.25 0.00	41.25 0.20 0.00	38.63 0.18 0.00	41.69 0.20 0.00	43.98 0.16 0.00	91.01 0.20 0.00	118.05 -0.02 0.00	112.32 0.35 0.00	47.21 0.17 0.00	44.34 0.13 0.00	43.43 0.13 0.00	40.21 0.14 0.00	38.04 0.19 0.00	38.11 0.16 0.00	36.98 0.14 0.00	39.91 0.11 0.00	50.02 0.16 0.00	51.49 0.11 0.00	47.89 0.09 0.00	49.12 0.05 0.00	49.58 0.10 0.00	41.06 0.12 0.00	37.32 0.09 0.00
CH_RES_NIAGARA 23895	38.81 -0.83 0.00	44.26 -0.99 0.00	39.90 -1.15 0.00	36.91 -1.55 0.00	40.47 -1.02 0.00	42.19 -1.63 0.00	83.18 -7.62 0.00	95.08 -10.38 12.60	59.77 -10.06 42.13	43.62 -3.41 0.00	41.91 -2.30 0.00	40.59 -2.70 0.00	37.13 -2.93 0.00	34.81 -3.04 0.00	34.48 -3.47 0.00	33.23 -3.62 0.00	35.10 -4.70 0.00	39.32 -5.88 4.66	42.94 -5.87 2.56	41.08 -5.60 1.12	41.80 -5.72 1.56	42.22 -5.27 1.99	37.08 -3.86 0.00	34.76 -2.46 0.00
CH_RES_SYRACUSE 23985	39.25 -0.38 0.00	44.78 -0.47 0.00	40.62 -0.43 0.00	38.04 -0.41 0.00	41.14 -0.35 0.00	43.51 -0.31 0.00	90.22 -0.58 0.00	117.71 -0.36 0.00	111.02 -0.95 0.00	46.56 -0.47 0.00	43.72 -0.49 0.00	42.74 -0.56 0.00	39.46 -0.60 0.00	37.21 -0.64 0.00	37.26 -0.70 0.00	36.19 -0.66 0.00	39.21 -0.59 0.00	49.36 -0.51 0.00	50.97 -0.40 0.00	47.41 -0.40 0.00	48.59 -0.47 0.00	48.99 -0.49 0.00	40.50 -0.43 0.00	36.87 -0.36 0.00
CLINTON_WT_PWR 323605	40.50 0.87 0.00	46.22 0.97 0.00	41.95 0.90 0.00	39.25 0.80 0.00	42.26 0.78 0.00	44.44 0.62 0.00	91.53 0.72 0.00	118.12 0.05 0.00	113.07 1.11 0.00	47.52 0.49 0.00	44.74 0.53 0.00	43.78 0.48 0.00	40.55 0.49 0.00	38.41 0.55 0.00	38.48 0.53 0.00	37.26 0.42 0.00	40.00 0.20 0.00	50.21 0.35 0.00	51.64 0.27 0.00	48.11 0.31 0.00	49.42 0.35 0.00	49.94 0.46 0.00	41.54 0.60 0.00	37.80 0.57 0.00
CLINTON___LFGE 323618	40.94 1.31 0.00	46.68 1.43 0.00	42.40 1.34 0.00	39.68 1.23 0.00	42.63 1.15 0.00	44.74 0.92 0.00	92.01 1.21 0.00	118.73 0.66 0.00	113.80 1.84 0.00	47.79 0.76 0.00	44.95 0.74 0.00	43.98 0.68 0.00	40.78 0.71 0.00	38.61 0.76 0.00	38.75 0.80 0.00	37.46 0.61 0.00	40.20 0.40 0.00	50.52 0.66 0.00	51.94 0.56 0.00	48.38 0.58 0.00	49.67 0.60 0.00	50.24 0.76 0.00	41.89 0.96 0.00	38.18 0.95 0.00
COBBLENY_34_KV_TB1 80064	39.51 -0.13 0.00	45.10 -0.15 0.00	40.66 -0.39 0.00	37.66 -0.79 0.00	41.24 -0.24 0.00	43.20 -0.62 0.00	86.53 -4.27 0.00	96.67 -6.30 15.10	56.33 -6.73 48.90	45.00 -2.03 0.00	43.20 -1.01 0.00	41.96 -1.34 0.00	38.35 -1.72 0.00	35.89 -1.96 0.00	35.55 -2.41 0.00	34.31 -2.54 0.00	36.40 -3.40 0.00	40.34 -4.12 5.41	44.56 -3.88 2.94	42.85 -3.66 1.29	43.46 -3.82 1.80	43.62 -3.58 2.28	38.34 -2.60 0.00	35.58 -1.65 0.00
COFFEEN___115KV_TB3 355620	41.82 2.19 0.00	47.52 2.27 0.00	43.03 1.98 0.00	40.34 1.89 0.00	43.87 2.39 0.00	46.50 2.68 0.00	96.79 5.99 0.00	126.88 8.82 0.00	156.76 7.84 -36.96	48.90 1.68 -0.19	44.39 0.19 0.00	43.05 -0.25 0.00	39.98 -0.08 0.00	37.82 -0.03 0.00	37.82 -0.13 0.00	36.55 -0.30 0.00	39.77 -0.02 0.00	51.75 1.89 0.00	53.95 2.57 0.00	50.17 2.37 0.00	51.26 2.18 0.00	51.93 2.46 0.00	42.78 1.84 0.00	38.73 1.50 0.00
COLDSPRG_115KV_BK1 355956	40.16 0.53 0.00	45.92 0.66 0.00	41.43 0.38 0.00	38.35 -0.10 0.00	42.06 0.57 0.00	44.43 0.61 0.00	89.74 -1.07 0.00	99.23 -2.30 16.53	57.83 -3.18 50.95	46.49 -0.54 0.00	44.77 0.56 0.00	43.75 0.45 0.00	39.87 -0.19 0.00	37.24 -0.61 0.00	36.90 -1.05 0.00	35.59 -1.25 0.00	37.70 -2.10 0.00	41.72 -2.52 5.62	46.12 -2.22 3.04	44.33 -2.14 1.33	45.00 -2.21 1.86	44.97 -2.16 2.36	39.36 -1.58 0.00	36.19 -1.04 0.00
COLONIE_LFGE___ 323577	40.29 0.66 0.00	45.98 0.72 0.00	41.81 0.76 0.00	39.19 0.74 0.00	42.14 0.66 0.00	44.63 0.81 0.00	92.86 2.05 0.00	120.86 2.80 0.00	114.34 2.37 0.00	47.91 0.88 0.00	44.88 0.67 0.00	44.08 0.78 0.00	40.88 0.82 0.00	38.72 0.87 0.00	39.01 1.06 0.00	37.95 1.10 0.00	41.09 1.30 0.00	51.40 1.54 0.00	52.77 1.39 0.00	49.14 1.34 0.00	50.45 1.38 0.00	50.65 1.18 0.00	41.79 0.85 0.00	37.91 0.68 0.00
COOPERNY_115KV_TB1 80082	40.39 0.75 0.00	46.16 0.91 0.00	41.84 0.79 0.00	39.25 0.80 0.00	42.34 0.86 0.00	44.84 1.02 0.00	93.17 2.36 0.00	122.16 4.10 0.00	115.03 3.07 0.00	48.40 1.37 0.00	45.71 1.50 0.00	44.89 1.60 0.00	41.49 1.43 0.00	39.09 1.23 0.00	39.26 1.31 0.00	38.19 1.35 0.00	41.25 1.45 0.00	51.40 1.54 0.00	52.92 1.55 0.00	49.29 1.49 0.00	50.51 1.44 0.00	50.86 1.39 0.00	42.07 1.13 0.00	38.33 1.10 0.00
COPENHAGEN_WT_PWR 323753	41.35 1.72 0.00	46.98 1.73 0.00	42.55 1.50 0.00	39.90 1.45 0.00	43.38 1.89 0.00	45.93 2.11 0.00	95.49 4.69 0.00	125.08 7.01 0.00	153.07 6.27 -34.84	48.52 1.31 -0.18	44.23 0.03 0.00	42.95 -0.35 0.00	39.89 -0.17 0.00	37.75 -0.10 0.00	37.73 -0.22 0.00	36.47 -0.38 0.00	39.63 -0.17 0.00	51.19 1.33 0.00	53.11 1.74 0.00	49.33 1.52 0.00	50.38 1.31 0.00	51.12 1.65 0.00	42.14 1.20 0.00	38.14 0.91 0.00
CORNELL_____ 23752	40.33 0.70 0.00	46.06 0.80 0.00	41.73 0.68 0.00	39.07 0.62 0.00	42.33 0.84 0.00	44.83 1.01 0.00	93.06 2.25 0.00	168.30 3.38 -46.85	273.03 2.32 -158.74	47.74 0.71 0.00	44.82 0.61 0.00	43.62 0.33 0.00	40.09 0.02 0.00	37.68 -0.17 0.00	37.70 -0.25 0.00	36.60 -0.25 0.00	39.80 0.00 0.00	69.33 0.56 -18.91	65.87 0.96 -13.54	54.64 0.90 -5.93	57.41 0.87 -7.46	60.79 0.81 -10.50	41.56 0.62 0.00	37.83 0.60 0.00

CORONA__69_KV_TB1 355595	41.00 1.36 0.00	46.89 1.63 0.00	42.42 1.37 0.00	39.81 1.36 0.00	42.85 1.36 0.00	45.11 1.29 0.00	93.41 2.61 0.00	119.49 4.86 3.44	101.03 3.94 14.87	49.26 2.23 0.00	47.82 2.67 -0.94	46.17 2.87 0.00	42.67 2.61 0.00	40.13 2.28 0.00	40.40 2.41 -0.04	39.19 2.34 0.00	42.09 2.29 0.00	52.33 2.47 0.00	53.59 2.36 0.14	50.17 2.36 0.00	51.47 2.40 0.00	51.54 2.06 0.00	42.61 1.68 0.00	38.99 1.76 0.00
CORTLAND__115KV_TB3 80093	39.84 0.21 0.00	45.50 0.24 0.00	41.24 0.18 0.00	38.62 0.17 0.00	41.81 0.32 0.00	44.28 0.46 0.00	91.90 1.10 0.00	133.28 1.95 -13.26	158.43 0.91 -45.55	47.29 0.26 0.00	44.35 0.14 0.00	43.34 0.04 0.00	40.02 -0.04 0.00	37.72 -0.13 0.00	37.77 -0.18 0.00	36.64 -0.21 0.00	39.72 -0.08 0.00	55.40 0.20 -5.33	55.90 0.43 -4.10	50.05 0.46 -1.80	51.56 0.42 -2.07	53.05 0.39 -3.18	41.20 0.26 0.00	37.48 0.25 0.00
COXSACKIE__GT 23611	40.96 1.33 0.00	46.76 1.50 0.00	42.47 1.41 0.00	39.84 1.39 0.00	42.92 1.43 0.00	45.57 1.75 0.00	95.13 4.32 0.00	124.59 6.53 0.00	117.47 5.50 0.00	48.56 1.53 0.00	44.90 0.69 0.00	44.08 0.78 0.00	41.08 1.02 0.00	38.60 0.75 0.00	38.82 0.87 0.00	37.84 0.99 0.00	41.38 1.58 0.00	52.47 2.61 0.00	54.33 2.95 0.00	50.46 2.65 0.00	51.71 2.64 0.00	51.85 2.37 0.00	42.70 1.76 0.00	38.64 1.41 0.00
CPV_VALLEY__CC1 323721	40.54 0.90 0.00	46.31 1.06 0.00	41.95 0.90 0.00	39.36 0.91 0.00	42.46 0.97 0.00	45.02 1.20 0.00	93.62 2.81 0.00	123.00 4.94 0.00	115.79 3.82 0.00	48.79 1.77 0.00	46.20 1.99 0.00	45.46 2.16 0.00	42.02 1.96 0.00	39.57 1.72 0.00	39.77 1.82 0.00	38.71 1.86 0.00	41.75 1.96 0.00	51.89 2.03 0.00	53.40 2.02 0.00	49.76 1.95 0.00	50.93 1.86 0.00	51.19 1.71 0.00	42.35 1.41 0.00	38.62 1.39 0.00
CPV_VALLEY__CC2 323722	40.54 0.90 0.00	46.31 1.06 0.00	41.95 0.90 0.00	39.36 0.91 0.00	42.46 0.97 0.00	45.02 1.20 0.00	93.62 2.81 0.00	123.00 4.94 0.00	115.79 3.82 0.00	48.79 1.77 0.00	46.20 1.99 0.00	45.46 2.16 0.00	42.02 1.96 0.00	39.57 1.72 0.00	39.77 1.82 0.00	38.71 1.86 0.00	41.75 1.96 0.00	51.89 2.03 0.00	53.40 2.02 0.00	49.76 1.95 0.00	50.93 1.86 0.00	51.19 1.71 0.00	42.35 1.41 0.00	38.62 1.39 0.00
CRESCENT__HYD 24018	40.29 0.66 0.00	45.98 0.72 0.00	41.81 0.76 0.00	39.19 0.74 0.00	42.14 0.66 0.00	44.63 0.81 0.00	92.86 2.05 0.00	120.86 2.80 0.00	114.34 2.37 0.00	47.91 0.88 0.00	44.88 0.67 0.00	44.08 0.78 0.00	40.88 0.82 0.00	38.72 0.87 0.00	39.01 1.06 0.00	37.95 1.10 0.00	41.09 1.30 0.00	51.40 1.54 0.00	52.77 1.39 0.00	49.14 1.34 0.00	50.45 1.38 0.00	50.65 1.18 0.00	41.79 0.85 0.00	37.91 0.68 0.00
CRICKET__VALLEY_CC1 323756	40.13 0.49 0.00	45.83 0.58 0.00	41.53 0.48 0.00	38.97 0.52 0.00	42.00 0.51 0.00	44.52 0.70 0.00	92.50 1.70 0.00	121.58 3.51 0.00	114.58 2.61 0.00	48.30 1.27 0.00	45.74 1.53 0.00	45.01 1.72 0.00	41.64 1.57 0.00	39.23 1.38 0.00	39.44 1.49 0.00	38.39 1.54 0.00	41.38 1.58 0.00	51.40 1.54 0.00	52.86 1.49 0.00	49.25 1.45 0.00	50.41 1.34 0.00	50.66 1.19 0.00	41.90 0.96 0.00	38.19 0.96 0.00
CRICKET__VALLEY_CC2 323757	40.13 0.49 0.00	45.83 0.58 0.00	41.53 0.48 0.00	38.97 0.52 0.00	42.00 0.51 0.00	44.52 0.70 0.00	92.50 1.70 0.00	121.58 3.51 0.00	114.58 2.61 0.00	48.30 1.27 0.00	45.74 1.53 0.00	45.01 1.72 0.00	41.64 1.57 0.00	39.23 1.38 0.00	39.44 1.49 0.00	38.39 1.54 0.00	41.38 1.58 0.00	51.40 1.54 0.00	52.86 1.49 0.00	49.25 1.45 0.00	50.41 1.34 0.00	50.66 1.19 0.00	41.90 0.96 0.00	38.19 0.96 0.00
CRICKET__VALLEY_CC3 323758	40.13 0.49 0.00	45.83 0.58 0.00	41.53 0.48 0.00	38.97 0.52 0.00	42.00 0.51 0.00	44.52 0.70 0.00	92.50 1.70 0.00	121.58 3.51 0.00	114.58 2.61 0.00	48.30 1.27 0.00	45.74 1.53 0.00	45.01 1.72 0.00	41.64 1.57 0.00	39.23 1.38 0.00	39.44 1.49 0.00	38.39 1.54 0.00	41.38 1.58 0.00	51.40 1.54 0.00	52.86 1.49 0.00	49.25 1.45 0.00	50.41 1.34 0.00	50.66 1.19 0.00	41.90 0.96 0.00	38.19 0.96 0.00
CRUCIBLE_METL_DRP 24180	39.25 -0.38 0.00	44.78 -0.47 0.00	40.62 -0.44 0.00	38.03 -0.42 0.00	41.14 -0.35 0.00	43.51 -0.32 0.00	90.20 -0.60 0.00	117.70 -0.37 0.00	111.05 -0.91 0.00	46.56 -0.47 0.00	43.72 -0.49 0.00	42.74 -0.56 0.00	39.46 -0.61 0.00	37.21 -0.64 0.00	37.26 -0.70 0.00	36.19 -0.66 0.00	39.20 -0.60 0.00	49.35 -0.51 0.00	50.98 -0.40 0.00	47.40 -0.40 0.00	48.59 -0.47 0.00	48.99 -0.49 0.00	40.50 -0.44 0.00	36.87 -0.36 0.00
DAHOWA__HYDRO 323763	40.83 1.20 0.00	46.60 1.35 0.00	42.42 1.37 0.00	39.77 1.32 0.00	42.74 1.25 0.00	45.31 1.49 0.00	94.68 3.88 0.00	123.07 5.00 0.00	116.17 4.20 0.00	48.57 1.54 0.00	45.56 1.35 0.00	44.61 1.32 0.00	41.33 1.27 0.00	39.18 1.33 0.00	39.33 1.38 0.00	38.27 1.42 0.00	41.54 1.74 0.00	52.27 2.41 0.00	53.72 2.35 0.00	49.99 2.19 0.00	51.31 2.24 0.00	51.43 1.95 0.00	42.40 1.47 0.00	38.43 1.20 0.00
DANC__LFGE 323619	40.38 0.75 0.00	45.95 0.70 0.00	41.64 0.59 0.00	39.02 0.57 0.00	42.35 0.86 0.00	44.82 1.00 0.00	93.01 2.20 0.00	121.67 3.61 0.00	138.15 2.99 -23.19	47.57 0.42 -0.12	43.79 -0.42 0.00	42.61 -0.69 0.00	39.50 -0.57 0.00	37.34 -0.51 0.00	37.35 -0.61 0.00	36.15 -0.70 0.00	39.19 -0.61 0.00	50.15 0.28 0.00	51.97 0.59 0.00	48.29 0.49 0.00	49.40 0.33 0.00	50.09 0.61 0.00	41.34 0.40 0.00	37.51 0.28 0.00
DANSKAMMER__1 23586	40.95 1.32 0.00	46.78 1.53 0.00	42.38 1.32 0.00	39.75 1.30 0.00	42.88 1.40 0.00	45.48 1.66 0.00	94.66 3.85 0.00	124.42 6.36 0.00	117.12 5.16 0.00	49.28 2.25 0.00	46.60 2.40 0.00	45.81 2.51 0.00	42.34 2.28 0.00	39.87 2.02 0.00	40.08 2.13 0.00	39.06 2.21 0.00	42.19 2.39 0.00	52.49 2.63 0.00	54.04 2.67 0.00	50.35 2.55 0.00	51.51 2.44 0.00	51.77 2.29 0.00	42.79 1.85 0.00	38.97 1.74 0.00
DANSKAMMER__2 23589	40.95 1.32 0.00	46.78 1.53 0.00	42.38 1.32 0.00	39.75 1.30 0.00	42.88 1.40 0.00	45.48 1.66 0.00	94.66 3.85 0.00	124.42 6.36 0.00	117.12 5.16 0.00	49.28 2.25 0.00	46.60 2.40 0.00	45.81 2.51 0.00	42.34 2.28 0.00	39.87 2.02 0.00	40.08 2.13 0.00	39.06 2.21 0.00	42.19 2.39 0.00	52.49 2.63 0.00	54.04 2.67 0.00	50.35 2.55 0.00	51.51 2.44 0.00	51.77 2.29 0.00	42.79 1.85 0.00	38.97 1.74 0.00
DANSKAMMER__3 23590	40.95 1.32 0.00	46.78 1.53 0.00	42.38 1.32 0.00	39.75 1.30 0.00	42.88 1.40 0.00	45.48 1.66 0.00	94.66 3.85 0.00	124.42 6.36 0.00	117.12 5.16 0.00	49.28 2.25 0.00	46.60 2.40 0.00	45.81 2.51 0.00	42.34 2.28 0.00	39.87 2.02 0.00	40.08 2.13 0.00	39.06 2.21 0.00	42.19 2.39 0.00	52.49 2.63 0.00	54.04 2.67 0.00	50.35 2.55 0.00	51.51 2.44 0.00	51.77 2.29 0.00	42.79 1.85 0.00	38.97 1.74 0.00

DANSKAMMER___4 23591	40.95 1.32 0.00	46.78 1.53 0.00	42.38 1.32 0.00	39.75 1.30 0.00	42.88 1.40 0.00	45.48 1.66 0.00	94.66 3.85 0.00	124.42 6.36 0.00	117.12 5.16 0.00	49.28 2.25 0.00	46.60 2.40 0.00	45.81 2.51 0.00	42.34 2.28 0.00	39.87 2.02 0.00	40.08 2.13 0.00	39.06 2.21 0.00	42.19 2.39 0.00	52.49 2.63 0.00	54.04 2.67 0.00	50.35 2.55 0.00	51.51 2.44 0.00	51.77 2.29 0.00	42.79 1.85 0.00	38.97 1.74 0.00
DANSKAMMER___DIESEL 23592	40.96 1.33 0.00	46.78 1.53 0.00	42.38 1.33 0.00	39.76 1.31 0.00	42.88 1.39 0.00	45.49 1.67 0.00	94.65 3.85 0.00	124.40 6.34 0.00	117.10 5.13 0.00	49.28 2.25 0.00	46.61 2.40 0.00	45.81 2.52 0.00	42.34 2.28 0.00	39.88 2.03 0.00	40.08 2.13 0.00	39.06 2.21 0.00	42.18 2.38 0.00	52.49 2.63 0.00	54.06 2.68 0.00	50.36 2.56 0.00	51.52 2.45 0.00	51.78 2.30 0.00	42.79 1.86 0.00	38.97 1.74 0.00
DARBY___SOLAR 323810	40.71 1.07 0.00	46.44 1.19 0.00	42.28 1.22 0.00	39.64 1.19 0.00	42.61 1.13 0.00	45.14 1.32 0.00	94.25 3.44 0.00	122.51 4.44 0.00	115.70 3.73 0.00	48.37 1.34 0.00	45.34 1.13 0.00	44.43 1.13 0.00	41.17 1.11 0.00	39.05 1.20 0.00	39.18 1.23 0.00	38.13 1.28 0.00	41.40 1.60 0.00	52.05 2.19 0.00	53.48 2.10 0.00	49.77 1.97 0.00	51.09 2.02 0.00	51.24 1.76 0.00	42.26 1.32 0.00	38.31 1.08 0.00
DASHVILLE___HYD 23610	40.58 0.95 0.00	46.35 1.10 0.00	42.01 0.96 0.00	39.43 0.98 0.00	42.50 1.01 0.00	45.05 1.23 0.00	93.69 2.89 0.00	123.06 5.00 0.00	115.60 3.64 0.00	48.63 1.61 0.00	45.87 1.66 0.00	45.01 1.71 0.00	41.61 1.55 0.00	39.20 1.35 0.00	39.38 1.43 0.00	38.35 1.50 0.00	41.44 1.64 0.00	51.64 1.77 0.00	53.17 1.79 0.00	49.53 1.73 0.00	50.72 1.65 0.00	51.07 1.59 0.00	42.22 1.29 0.00	38.43 1.20 0.00
DELAWARE___LFGE 323621	40.34 0.71 0.00	46.15 0.89 0.00	41.85 0.79 0.00	39.26 0.81 0.00	42.34 0.86 0.00	44.81 0.99 0.00	93.04 2.24 0.00	121.80 3.66 -0.07	114.66 2.69 0.00	48.20 1.17 0.00	45.35 1.14 0.00	44.42 1.13 0.00	41.10 1.04 0.00	38.76 0.91 0.00	38.86 0.91 0.00	37.78 0.94 0.00	40.89 1.09 0.00	51.81 1.24 -0.71	53.39 1.21 -0.81	49.27 1.12 -0.35	50.20 1.13 0.00	51.24 1.14 -0.63	41.86 0.92 0.00	38.09 0.86 0.00
DERFIELD_115KV_TB7 355931	39.63 0.00 0.00	45.25 0.00 0.00	41.07 0.02 0.00	38.49 0.04 0.00	41.53 0.04 0.00	43.89 0.07 0.00	91.03 0.23 0.00	118.64 0.58 0.00	112.19 0.22 0.00	47.09 0.06 0.00	44.25 0.05 0.00	43.35 0.06 0.00	40.13 0.07 0.00	37.89 0.05 0.00	38.00 0.06 0.00	36.92 0.07 0.00	39.92 0.13 0.00	50.02 0.16 0.00	51.53 0.16 0.00	47.95 0.14 0.00	49.22 0.15 0.00	49.59 0.11 0.00	41.00 0.07 0.00	37.28 0.05 0.00
DOGLEVILLE___HYD 23807	41.39 1.76 0.00	47.26 2.01 0.00	42.91 1.85 0.00	40.27 1.82 0.00	43.41 1.93 0.00	46.11 2.29 0.00	96.14 5.34 0.00	125.60 7.54 0.00	117.57 5.61 0.00	48.41 1.38 0.00	45.16 0.95 0.00	44.43 1.14 0.00	41.60 1.54 0.00	38.92 1.07 0.00	38.77 0.82 0.00	37.68 0.83 0.00	41.33 1.53 0.00	52.74 2.87 0.00	54.68 3.31 0.00	50.82 3.01 0.00	52.12 3.05 0.00	52.38 2.90 0.00	42.99 2.05 0.00	38.88 1.65 0.00
DUNKIRK___115KV_TB_200 55889	39.48 -0.15 0.00	45.05 -0.20 0.00	40.66 -0.39 0.00	37.64 -0.81 0.00	41.27 -0.22 0.00	43.41 -0.41 0.00	87.23 -3.58 0.00	97.34 -5.94 14.78	56.87 -6.92 48.18	45.06 -1.96 0.00	43.49 -0.72 0.00	42.57 -0.73 0.00	38.84 -1.22 0.00	36.28 -1.57 0.00	35.95 -2.00 0.00	34.67 -2.17 0.00	36.71 -3.09 0.00	40.56 -3.98 5.32	44.74 -3.74 2.90	42.89 -3.64 1.27	43.57 -3.73 1.77	43.61 -3.62 2.25	38.25 -2.69 0.00	35.34 -1.89 0.00
DUNKIRK___1 23563	39.48 -0.15 0.00	45.05 -0.20 0.00	40.66 -0.39 0.00	37.64 -0.81 0.00	41.27 -0.22 0.00	43.41 -0.41 0.00	87.23 -3.58 0.00	97.34 -5.94 14.78	56.87 -6.92 48.18	45.06 -1.96 0.00	43.49 -0.72 0.00	42.57 -0.73 0.00	38.84 -1.22 0.00	36.28 -1.57 0.00	35.95 -2.00 0.00	34.67 -2.17 0.00	36.71 -3.09 0.00	40.56 -3.98 5.32	44.74 -3.74 2.90	42.89 -3.64 1.27	43.57 -3.73 1.77	43.61 -3.62 2.25	38.25 -2.69 0.00	35.34 -1.89 0.00
DUNKIRK___2 23564	39.48 -0.15 0.00	45.05 -0.20 0.00	40.66 -0.39 0.00	37.64 -0.81 0.00	41.27 -0.22 0.00	43.41 -0.41 0.00	87.23 -3.58 0.00	97.34 -5.94 14.78	56.87 -6.92 48.18	45.06 -1.96 0.00	43.49 -0.72 0.00	42.57 -0.73 0.00	38.84 -1.22 0.00	36.28 -1.57 0.00	35.95 -2.00 0.00	34.67 -2.17 0.00	36.71 -3.09 0.00	40.56 -3.98 5.32	44.74 -3.74 2.90	42.89 -3.64 1.27	43.57 -3.73 1.77	43.61 -3.62 2.25	38.25 -2.69 0.00	35.34 -1.89 0.00
DUNKIRK___3 23565	39.36 -0.27 0.00	44.94 -0.32 0.00	40.55 -0.50 0.00	37.56 -0.89 0.00	41.17 -0.32 0.00	43.26 -0.56 0.00	86.90 -3.91 0.00	97.28 -6.26 14.52	57.13 -7.06 47.78	44.94 -2.09 0.00	43.33 -0.88 0.00	42.33 -0.96 0.00	38.63 -1.43 0.00	36.11 -1.74 0.00	35.80 -2.16 0.00	34.53 -2.32 0.00	36.57 -3.23 0.00	40.50 -4.08 5.28	44.65 -3.85 2.87	42.83 -3.71 1.26	43.51 -3.81 1.75	43.58 -3.67 2.23	38.20 -2.73 0.00	35.35 -1.88 0.00
DUNKIRK___4 23566	39.36 -0.27 0.00	44.94 -0.32 0.00	40.55 -0.50 0.00	37.56 -0.89 0.00	41.17 -0.32 0.00	43.26 -0.56 0.00	86.90 -3.91 0.00	97.28 -6.26 14.52	57.13 -7.06 47.78	44.94 -2.09 0.00	43.33 -0.88 0.00	42.33 -0.96 0.00	38.63 -1.43 0.00	36.11 -1.74 0.00	35.80 -2.16 0.00	34.53 -2.32 0.00	36.57 -3.23 0.00	40.50 -4.08 5.28	44.65 -3.85 2.87	42.83 -3.71 1.26	43.51 -3.81 1.75	43.58 -3.67 2.23	38.20 -2.73 0.00	35.35 -1.88 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.78 1.14 0.00	46.57 1.32 0.00	42.21 1.15 0.00	39.60 1.15 0.00	42.70 1.21 0.00	45.27 1.45 0.00	94.12 3.31 0.00	123.84 5.77 0.00	116.63 4.67 0.00	49.26 2.23 0.00	46.71 2.51 0.00	45.98 2.68 0.00	42.51 2.44 0.00	40.04 2.19 0.00	40.24 2.28 0.00	39.16 2.31 0.00	42.21 2.41 0.00	52.37 2.51 0.00	53.87 2.49 0.00	50.20 2.39 0.00	51.37 2.29 0.00	51.58 2.10 0.00	42.63 1.70 0.00	38.88 1.65 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.78 1.14 0.00	46.58 1.33 0.00	42.19 1.14 0.00	39.59 1.14 0.00	42.71 1.22 0.00	45.30 1.48 0.00	94.23 3.42 0.00	123.84 5.78 0.00	116.54 4.57 0.00	49.06 2.03 0.00	46.39 2.18 0.00	45.62 2.33 0.00	42.16 2.10 0.00	39.69 1.84 0.00	39.89 1.94 0.00	38.84 2.00 0.00	41.95 2.15 0.00	52.21 2.35 0.00	53.76 2.38 0.00	50.10 2.29 0.00	51.26 2.19 0.00	51.53 2.05 0.00	42.61 1.67 0.00	38.83 1.60 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	40.84 1.20 0.00	46.56 1.30 0.00	42.22 1.17 0.00	39.63 1.18 0.00	42.70 1.22 0.00	45.29 1.47 0.00	94.11 3.31 0.00	124.36 6.30 0.00	116.87 4.91 0.00	49.24 2.21 0.00	46.84 2.63 0.00	46.05 2.76 0.00	42.55 2.49 0.00	40.07 2.21 0.00	40.30 2.35 0.00	39.24 2.39 0.00	42.13 2.33 0.00	52.29 2.43 0.00	53.78 2.40 0.00	50.23 2.43 0.00	51.39 2.32 0.00	51.66 2.19 0.00	42.62 1.69 0.00	38.90 1.67 0.00

E179THST_13_KV_LOAD 356214	41.00 1.36 0.00	46.73 1.48 0.00	42.38 1.33 0.00	39.77 1.32 0.00	42.87 1.38 0.00	45.46 1.64 0.00	94.48 3.68 0.00	124.89 6.82 0.00	117.35 5.38 0.00	49.46 2.43 0.00	47.06 2.85 0.00	46.26 2.96 0.00	42.75 2.69 0.00	40.24 2.39 0.00	40.48 2.53 0.00	39.40 2.56 0.00	42.31 2.51 0.00	52.55 2.68 0.00	54.04 2.67 0.00	50.48 2.67 0.00	51.63 2.56 0.00	51.90 2.42 0.00	42.82 1.88 0.00	39.06 1.84 0.00
EAST HAMPTON___GT 23717	40.36 0.73 0.00	46.91 1.66 0.00	42.58 1.53 0.00	40.09 1.64 0.00	43.31 1.82 0.00	44.79 1.48 0.51	94.57 3.77 0.00	120.02 6.15 4.19	98.91 5.08 18.14	49.15 2.12 0.00	46.12 2.00 0.08	45.94 2.64 0.00	42.59 2.53 0.00	40.02 2.17 0.00	40.42 2.47 0.00	39.47 2.63 0.00	42.13 2.33 0.00	52.01 2.15 0.00	51.83 2.06 1.61	50.50 2.70 0.00	52.04 2.97 0.00	51.98 2.51 0.00	42.91 1.98 0.00	39.39 2.16 0.00
EAST RIVER___6 23660	40.81 1.18 0.00	46.57 1.32 0.00	42.18 1.12 0.00	39.57 1.12 0.00	42.71 1.23 0.00	45.41 1.59 0.00	94.40 3.60 0.00	124.40 6.34 0.00	117.09 5.13 0.00	49.52 2.49 0.00	46.98 2.77 0.00	46.27 2.98 0.00	42.78 2.72 0.00	40.29 2.44 0.00	40.49 2.53 0.00	39.42 2.57 0.00	42.47 2.67 0.00	52.67 2.81 0.00	54.14 2.77 0.00	50.40 2.60 0.00	51.55 2.48 0.00	51.72 2.24 0.00	42.72 1.79 0.00	38.95 1.72 0.00
EAST RIVER___7 23524	40.81 1.18 0.00	46.57 1.32 0.00	42.18 1.12 0.00	39.57 1.12 0.00	42.71 1.23 0.00	45.41 1.59 0.00	94.40 3.60 0.00	124.40 6.34 0.00	117.09 5.13 0.00	49.52 2.49 0.00	46.98 2.77 0.00	46.27 2.98 0.00	42.78 2.72 0.00	40.29 2.44 0.00	40.49 2.53 0.00	39.42 2.57 0.00	42.47 2.67 0.00	52.67 2.81 0.00	54.14 2.77 0.00	50.40 2.60 0.00	51.55 2.48 0.00	51.72 2.24 0.00	42.72 1.79 0.00	38.95 1.72 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.70 1.07 0.00	46.50 1.25 0.00	42.10 1.05 0.00	39.52 1.07 0.00	42.60 1.11 0.00	45.18 1.36 0.00	93.95 3.14 0.00	123.66 5.59 0.00	116.45 4.48 0.00	49.15 2.12 0.00	46.59 2.38 0.00	45.86 2.56 0.00	42.40 2.34 0.00	39.93 2.08 0.00	40.14 2.19 0.00	39.07 2.21 0.00	42.10 2.30 0.00	52.26 2.40 0.00	53.76 2.39 0.00	50.08 2.28 0.00	51.25 2.18 0.00	51.46 1.98 0.00	42.55 1.61 0.00	38.80 1.57 0.00
EAST_HAMPTON___DIESEL 23722	40.29 0.65 0.00	46.86 1.61 0.00	42.54 1.49 0.00	40.06 1.61 0.00	43.28 1.79 0.00	44.75 1.44 0.51	94.51 3.71 0.00	119.94 6.07 4.19	98.81 4.98 18.14	49.12 2.09 0.00	46.08 1.95 0.08	45.93 2.63 0.00	42.57 2.51 0.00	40.01 2.16 0.00	40.42 2.47 0.00	39.46 2.62 0.00	42.11 2.31 0.00	51.96 2.10 0.00	51.77 2.00 1.61	50.48 2.68 0.00	52.02 2.95 0.00	51.98 2.50 0.00	42.89 1.96 0.00	39.37 2.15 0.00
EAST_POINT___SOLAR 323840	41.06 1.43 0.00	46.86 1.60 0.00	42.49 1.43 0.00	39.80 1.36 0.00	43.01 1.52 0.00	45.59 1.77 0.00	94.87 4.06 0.00	124.23 6.16 0.00	115.71 3.74 0.00	46.75 -0.28 0.00	43.65 -0.56 0.00	43.03 -0.27 0.00	40.27 0.21 0.00	38.45 0.60 0.00	37.84 -0.11 0.00	36.49 -0.36 0.00	40.05 0.25 0.00	51.67 1.81 0.00	53.73 2.36 0.00	50.05 2.25 0.00	51.29 2.22 0.00	51.71 2.23 0.00	42.54 1.61 0.00	38.55 1.32 0.00
EAST_PULASKI___ESR 323781	39.46 -0.17 0.00	44.95 -0.30 0.00	40.76 -0.30 0.00	38.17 -0.28 0.00	41.33 -0.15 0.00	43.73 -0.08 0.00	90.65 -0.16 0.00	118.45 0.38 0.00	123.64 -0.12 -11.80	46.65 -0.45 -0.06	43.39 -0.82 0.00	42.31 -0.98 0.00	39.14 -0.92 0.00	36.97 -0.88 0.00	36.99 -0.96 0.00	35.82 -1.03 0.00	38.74 -1.05 0.00	49.09 -0.77 0.00	50.81 -0.56 0.00	47.25 -0.55 0.00	48.41 -0.66 0.00	49.00 -0.48 0.00	40.55 -0.39 0.00	36.89 -0.34 0.00
EAST_RIVER___1 323558	40.91 1.28 0.00	46.69 1.44 0.00	42.28 1.23 0.00	39.68 1.23 0.00	42.79 1.31 0.00	45.43 1.61 0.00	94.48 3.68 0.00	124.53 6.47 0.00	117.29 5.32 0.00	49.58 2.55 0.00	47.03 2.82 0.00	46.32 3.02 0.00	42.81 2.76 0.00	40.33 2.48 0.00	40.51 2.56 0.00	39.44 2.60 0.00	42.50 2.70 0.00	52.70 2.83 0.00	54.19 2.82 0.00	50.47 2.66 0.00	51.62 2.55 0.00	51.80 2.32 0.00	42.81 1.87 0.00	39.03 1.80 0.00
EAST_RIVER___2 323559	40.81 1.18 0.00	46.57 1.32 0.00	42.18 1.12 0.00	39.57 1.12 0.00	42.71 1.23 0.00	45.41 1.59 0.00	94.40 3.60 0.00	124.40 6.34 0.00	117.09 5.13 0.00	49.52 2.49 0.00	46.98 2.77 0.00	46.27 2.98 0.00	42.78 2.72 0.00	40.29 2.44 0.00	40.49 2.53 0.00	39.42 2.57 0.00	42.47 2.67 0.00	52.67 2.81 0.00	54.14 2.77 0.00	50.40 2.60 0.00	51.55 2.48 0.00	51.72 2.24 0.00	42.72 1.79 0.00	38.95 1.72 0.00
EAST___DELAWARE_HYD 23607	40.28 0.65 0.00	46.01 0.76 0.00	41.69 0.64 0.00	39.13 0.68 0.00	42.22 0.73 0.00	44.79 0.97 0.00	93.32 2.52 0.00	122.65 4.59 0.00	115.31 3.35 0.00	48.35 1.32 0.00	45.54 1.33 0.00	44.64 1.35 0.00	41.10 1.04 0.00	37.87 0.01 0.00	38.04 0.09 0.00	37.10 0.25 0.00	40.23 0.43 0.00	50.26 0.40 0.00	51.85 0.48 0.00	48.30 0.50 0.00	49.61 0.54 0.00	50.93 1.45 0.00	42.11 1.17 0.00	38.34 1.11 0.00
EIGHT_POINT___WT_PWR 323820	39.82 0.19 0.00	45.65 0.40 0.00	41.28 0.23 0.00	38.35 -0.10 0.00	41.75 0.27 0.00	44.09 0.27 0.00	89.75 -1.06 0.00	89.48 -3.19 25.39	-1.78 -5.09 108.66	45.10 -2.21 -0.28	43.18 -1.15 -0.11	42.15 -1.15 0.00	38.42 -1.64 0.00	36.03 -1.92 -0.09	35.66 -2.29 0.00	34.37 -2.47 0.00	37.17 -3.05 -0.42	34.78 -3.15 11.93	42.14 -2.73 6.51	43.11 -2.52 2.17	42.89 -2.94 3.24	41.25 -3.23 5.00	39.62 -2.27 -0.95	36.29 -1.52 -0.59
ELBRIDGE_115KV_TB2 80188	39.06 -0.57 0.00	44.57 -0.68 0.00	40.42 -0.63 0.00	37.85 -0.60 0.00	40.95 -0.54 0.00	43.25 -0.57 0.00	89.69 -1.12 0.00	116.98 -1.08 0.00	110.40 -1.56 0.00	46.32 -0.71 0.00	43.51 -0.70 0.00	42.53 -0.78 0.00	39.25 -0.81 0.00	37.01 -0.84 0.00	37.05 -0.90 0.00	35.97 -0.88 0.00	38.97 -0.82 0.00	49.04 -0.81 0.00	50.68 -0.69 0.00	47.14 -0.66 0.00	48.34 -0.73 0.00	48.72 -0.75 0.00	40.29 -0.65 0.00	36.69 -0.54 0.00
ELEC_TRO_TEK 24086	40.77 1.14 0.00	46.64 1.39 0.00	42.20 1.14 0.00	39.60 1.16 0.00	42.62 1.13 0.00	44.81 1.07 0.08	93.11 2.30 0.00	119.12 4.41 3.35	100.94 3.47 14.49	49.02 1.98 0.00	47.01 2.43 -0.37	45.92 2.62 0.00	42.45 2.39 0.00	39.94 2.09 0.00	40.18 2.22 -0.01	39.02 2.17 0.00	41.89 2.09 0.00	52.06 2.20 0.00	53.08 2.07 0.37	49.88 2.08 0.00	51.17 2.10 0.00	51.22 1.75 0.00	42.36 1.42 0.00	38.76 1.53 0.00
ELLENBURG_WT_PWR 323604	40.50 0.87 0.00	46.22 0.97 0.00	41.95 0.90 0.00	39.25 0.80 0.00	42.26 0.78 0.00	44.44 0.62 0.00	91.53 0.72 0.00	118.12 0.05 0.00	113.07 1.11 0.00	47.52 0.49 0.00	44.74 0.53 0.00	43.78 0.48 0.00	40.55 0.49 0.00	38.41 0.55 0.00	38.48 0.53 0.00	37.26 0.42 0.00	40.00 0.20 0.00	50.21 0.35 0.00	51.64 0.27 0.00	48.11 0.31 0.00	49.42 0.35 0.00	49.94 0.46 0.00	41.54 0.60 0.00	37.80 0.57 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.27 -0.37 0.00	44.82 -0.43 0.00	40.41 -0.64 0.00	37.41 -1.03 0.00	40.99 -0.49 0.00	42.87 -0.95 0.00	85.55 -5.25 0.00	96.99 -7.54 13.54	59.23 -7.78 44.95	44.62 -2.41 0.00	42.88 -1.33 0.00	41.64 -1.65 0.00	38.08 -1.98 0.00	35.66 -2.19 0.00	35.34 -2.61 0.00	34.08 -2.77 0.00	36.08 -3.72 0.00	40.25 -4.63 4.97	44.16 -4.49 2.72	42.33 -4.28 1.19	43.01 -4.41 1.66	43.25 -4.11 2.11	37.93 -3.00 0.00	35.29 -1.94 0.00
EMPIRE_CC_1 323656	39.58 -0.05 0.00	45.16 -0.09 0.00	41.08 0.03 0.00	38.52 0.08 0.00	41.41 -0.07 0.00	43.88 0.06 0.00	91.11 0.30 0.00	118.63 0.57 0.00	112.25 0.28 0.00	47.08 0.05 0.00	44.11 -0.10 0.00	43.39 0.09 0.00	40.30 0.24 0.00	38.15 0.31 0.00	38.49 0.53 0.00	37.44 0.60 0.00	40.47 0.67 0.00	50.46 0.59 0.00	51.76 0.38 0.00	48.20 0.40 0.00	49.52 0.45 0.00	49.73 0.25 0.00	41.04 0.11 0.00	37.25 0.02 0.00
EMPIRE_CC_2 323658	39.58 -0.05 0.00	45.16 -0.09 0.00	41.08 0.03 0.00	38.52 0.08 0.00	41.41 -0.07 0.00	43.88 0.06 0.00	91.11 0.30 0.00	118.63 0.57 0.00	112.25 0.28 0.00	47.08 0.05 0.00	44.11 -0.10 0.00	43.39 0.09 0.00	40.30 0.24 0.00	38.15 0.31 0.00	38.49 0.53 0.00	37.44 0.60 0.00	40.47 0.67 0.00	50.46 0.59 0.00	51.76 0.38 0.00	48.20 0.40 0.00	49.52 0.45 0.00	49.73 0.25 0.00	41.04 0.11 0.00	37.25 0.02 0.00
ENORWICH_115KV_TB1 80156	41.89 2.26 0.00	47.90 2.64 0.00	43.44 2.38 0.00	40.71 2.26 0.00	44.18 2.70 0.00	47.05 3.23 0.00	98.11 7.30 0.00	144.52 10.33 -16.13	174.72 8.16 -54.59	49.65 2.62 0.00	46.42 2.21 0.00	45.19 1.89 0.00	41.69 1.62 0.00	39.11 1.26 0.00	39.07 1.12 0.00	38.04 1.20 0.00	41.69 1.89 0.00	59.84 3.28 -6.70	60.02 3.67 -4.97	53.20 3.22 -2.18	54.92 3.32 -2.54	56.66 3.33 -3.86	43.54 2.61 0.00	39.45 2.22 0.00
ERIE_ST__34_KV_TB1-2 80199	39.44 -0.19 0.00	45.04 -0.21 0.00	40.62 -0.44 0.00	37.61 -0.84 0.00	41.18 -0.31 0.00	43.15 -0.67 0.00	86.50 -4.30 0.00	97.31 -6.29 14.46	57.68 -6.58 47.70	45.04 -1.99 0.00	43.26 -0.95 0.00	41.99 -1.30 0.00	38.39 -1.68 0.00	35.90 -1.95 0.00	35.56 -2.40 0.00	34.35 -2.50 0.00	36.42 -3.38 0.00	40.50 -4.09 5.27	44.62 -3.88 2.88	42.91 -3.63 1.26	43.54 -3.78 1.75	43.70 -3.55 2.23	38.34 -2.60 0.00	35.57 -1.66 0.00
ERIE_WT_PWR 323693	38.66 -0.18 0.80	43.92 -0.21 1.12	39.48 -0.44 1.14	36.76 -0.85 0.84	40.56 -0.34 0.59	41.96 -0.71 1.16	84.96 -4.62 1.22	89.22 -6.90 21.94	56.17 -7.37 48.42	44.58 -2.21 0.24	42.85 -1.16 0.19	41.78 -1.51 0.00	38.23 -1.83 0.00	35.71 -2.06 0.08	35.46 -2.50 0.00	34.21 -2.64 0.00	35.69 -3.58 0.52	39.57 -4.35 5.94	43.13 -4.17 4.07	41.23 -3.95 2.62	41.70 -4.09 3.28	42.41 -3.84 3.23	37.02 -2.75 1.17	34.73 -1.78 0.72
ESPRGFLD_115KV_TB1 80157	40.52 0.89 0.00	46.30 1.05 0.00	41.96 0.91 0.00	39.32 0.87 0.00	42.50 1.02 0.00	44.97 1.15 0.00	93.33 2.53 0.00	122.06 3.99 0.00	114.89 2.92 0.00	48.08 1.06 0.00	45.21 1.00 0.00	44.13 0.83 0.00	40.78 0.72 0.00	38.56 0.71 0.00	38.52 0.57 0.00	37.36 0.51 0.00	40.40 0.60 0.00	50.85 0.99 0.00	52.51 1.14 0.00	48.89 1.08 0.00	50.13 1.06 0.00	50.64 1.17 0.00	41.81 0.88 0.00	37.98 0.75 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.20 0.57 0.00	45.90 0.64 0.00	41.60 0.54 0.00	38.94 0.49 0.00	42.17 0.69 0.00	44.68 0.86 0.00	92.75 1.94 0.00	158.83 3.06 -37.71	241.71 2.00 -127.75	47.62 0.59 0.00	44.67 0.46 0.00	43.51 0.21 0.00	40.04 -0.02 0.00	37.68 -0.17 0.00	37.71 -0.24 0.00	36.61 -0.24 0.00	39.79 -0.01 0.00	65.55 0.48 -15.21	63.22 0.86 -10.99	53.43 0.81 -4.82	55.84 0.78 -5.99	58.74 0.73 -8.53	41.49 0.55 0.00	37.76 0.53 0.00
ETNA_____115KV_TB2 80207	40.20 0.57 0.00	45.90 0.64 0.00	41.60 0.54 0.00	38.94 0.49 0.00	42.17 0.69 0.00	44.68 0.86 0.00	92.75 1.94 0.00	158.83 3.06 -37.71	241.71 2.00 -127.75	47.62 0.59 0.00	44.67 0.46 0.00	43.51 0.21 0.00	40.04 -0.02 0.00	37.68 -0.17 0.00	37.71 -0.24 0.00	36.61 -0.24 0.00	39.79 -0.01 0.00	65.55 0.48 -15.21	63.22 0.86 -10.99	53.43 0.81 -4.82	55.84 0.78 -5.99	58.74 0.73 -8.53	41.49 0.55 0.00	37.76 0.53 0.00
EUCLID___115KV_TB2 356179	38.85 -0.78 0.00	44.33 -0.92 0.00	40.20 -0.85 0.00	37.63 -0.81 0.00	40.69 -0.80 0.00	43.02 -0.80 0.00	89.04 -1.77 0.00	116.19 -1.88 0.00	109.69 -2.27 0.00	46.08 -0.95 0.00	43.29 -0.92 0.00	42.33 -0.97 0.00	39.10 -0.96 0.00	36.89 -0.96 0.00	36.95 -1.00 0.00	35.88 -0.96 0.00	38.80 -1.00 0.00	48.76 -1.10 0.00	50.32 -1.05 0.00	46.80 -1.00 0.00	48.01 -1.06 0.00	48.40 -1.08 0.00	40.03 -0.90 0.00	36.46 -0.77 0.00
E_CANADA_CAP_HY 24051	40.41 0.78 0.00	46.12 0.87 0.00	41.81 0.76 0.00	39.15 0.70 0.00	42.31 0.82 0.00	44.70 0.88 0.00	92.66 1.86 0.00	121.11 3.05 0.00	113.90 1.94 0.00	47.41 0.39 0.00	44.48 0.27 0.00	43.41 0.11 0.00	40.34 0.27 0.00	38.26 0.41 0.00	38.12 0.16 0.00	36.86 0.01 0.00	39.88 0.08 0.00	50.48 0.62 0.00	52.28 0.91 0.00	48.69 0.89 0.00	49.95 0.88 0.00	50.50 1.02 0.00	41.63 0.69 0.00	37.76 0.53 0.00
E_CANADA_MHWK_HY 24050	41.39 1.76 0.00	47.27 2.02 0.00	42.91 1.85 0.00	40.27 1.82 0.00	43.42 1.93 0.00	46.11 2.29 0.00	96.15 5.34 0.00	125.62 7.55 0.00	117.55 5.58 0.00	48.41 1.38 0.00	45.16 0.95 0.00	44.43 1.14 0.00	41.60 1.54 0.00	38.92 1.07 0.00	38.77 0.82 0.00	37.68 0.83 0.00	41.33 1.53 0.00	52.74 2.87 0.00	54.68 3.31 0.00	50.83 3.02 0.00	52.13 3.06 0.00	52.38 2.90 0.00	42.99 2.05 0.00	38.88 1.65 0.00
E_FISHKILL___LBMP 23776	40.49 0.86 0.00	46.24 0.99 0.00	41.90 0.85 0.00	39.32 0.87 0.00	42.38 0.89 0.00	44.93 1.11 0.00	93.34 2.54 0.00	122.68 4.62 0.00	115.58 3.62 0.00	48.77 1.74 0.00	46.17 1.96 0.00	45.45 2.15 0.00	42.03 1.96 0.00	39.60 1.75 0.00	39.81 1.86 0.00	38.74 1.89 0.00	41.76 1.96 0.00	51.86 2.00 0.00	53.35 1.97 0.00	49.69 1.89 0.00	50.86 1.79 0.00	51.11 1.64 0.00	42.27 1.34 0.00	38.54 1.31 0.00
FALCON___SEABRD_CC1 323796	40.68 1.05 0.00	46.39 1.14 0.00	42.17 1.11 0.00	39.47 1.02 0.00	42.31 0.83 0.00	44.31 0.49 0.00	90.70 -0.11 0.00	116.82 -1.24 0.00	111.93 -0.04 0.00	47.23 0.20 0.00	44.63 0.42 0.00	43.73 0.44 0.00	40.51 0.45 0.00	38.38 0.53 0.00	38.49 0.54 0.00	37.20 0.36 0.00	39.66 -0.14 0.00	49.78 -0.08 0.00	51.08 -0.30 0.00	47.61 -0.19 0.00	48.91 -0.16 0.00	49.58 0.11 0.00	41.52 0.58 0.00	37.96 0.72 0.00
FALCON___SEABRD_CC2 323797	40.68 1.05 0.00	46.39 1.14 0.00	42.17 1.11 0.00	39.47 1.02 0.00	42.31 0.83 0.00	44.31 0.49 0.00	90.70 -0.11 0.00	116.82 -1.24 0.00	111.93 -0.04 0.00	47.23 0.20 0.00	44.63 0.42 0.00	43.73 0.44 0.00	40.51 0.45 0.00	38.38 0.53 0.00	38.49 0.54 0.00	37.20 0.36 0.00	39.66 -0.14 0.00	49.78 -0.08 0.00	51.08 -0.30 0.00	47.61 -0.19 0.00	48.91 -0.16 0.00	49.58 0.11 0.00	41.52 0.58 0.00	37.96 0.72 0.00

FAR ROCKAWAY___4 23548	41.26 1.62 0.00	47.19 1.94 0.00	42.68 1.63 0.00	40.05 1.60 0.00	43.10 1.61 0.00	45.40 1.58 0.00	94.00 3.20 0.00	120.17 5.70 3.59	101.07 4.65 15.54	49.59 2.56 0.00	48.19 2.98 -1.00	46.46 3.16 0.00	42.92 2.86 0.00	40.39 2.53 0.00	40.66 2.68 -0.04	39.44 2.60 0.00	42.38 2.58 0.00	52.68 2.82 0.00	53.98 2.76 0.15	50.55 2.75 0.00	51.86 2.78 0.00	51.88 2.41 0.00	42.89 1.95 0.00	39.25 2.02 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.94 1.30 0.00	46.71 1.46 0.00	42.31 1.25 0.00	39.71 1.26 0.00	42.81 1.32 0.00	45.44 1.62 0.00	94.50 3.69 0.00	124.55 6.48 0.00	117.30 5.33 0.00	49.59 2.56 0.00	47.05 2.84 0.00	46.32 3.02 0.00	42.82 2.76 0.00	40.33 2.48 0.00	40.52 2.57 0.00	39.45 2.60 0.00	42.51 2.71 0.00	52.70 2.84 0.00	54.22 2.84 0.00	50.50 2.69 0.00	51.65 2.58 0.00	51.83 2.36 0.00	42.84 1.90 0.00	39.06 1.83 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.94 1.31 0.00	46.71 1.46 0.00	42.31 1.26 0.00	39.71 1.26 0.00	42.82 1.33 0.00	45.45 1.63 0.00	94.53 3.72 0.00	124.57 6.51 0.00	117.30 5.33 0.00	49.59 2.56 0.00	47.04 2.83 0.00	46.32 3.02 0.00	42.82 2.76 0.00	40.32 2.47 0.00	40.51 2.56 0.00	39.44 2.60 0.00	42.50 2.70 0.00	52.70 2.84 0.00	54.22 2.84 0.00	50.50 2.70 0.00	51.66 2.58 0.00	51.84 2.36 0.00	42.84 1.90 0.00	39.07 1.84 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.91 1.28 0.00	46.68 1.43 0.00	42.28 1.23 0.00	39.67 1.22 0.00	42.78 1.30 0.00	45.40 1.58 0.00	94.45 3.65 0.00	124.50 6.44 0.00	117.18 5.22 0.00	49.55 2.52 0.00	47.01 2.80 0.00	46.28 2.98 0.00	42.78 2.72 0.00	40.29 2.44 0.00	40.49 2.53 0.00	39.42 2.57 0.00	42.47 2.67 0.00	52.66 2.80 0.00	54.17 2.79 0.00	50.45 2.64 0.00	51.60 2.53 0.00	51.77 2.30 0.00	42.80 1.86 0.00	39.02 1.80 0.00
FARRAGUT___LBMP 323566	40.89 1.25 0.00	46.66 1.41 0.00	42.26 1.21 0.00	39.65 1.20 0.00	42.76 1.27 0.00	45.38 1.56 0.00	94.39 3.58 0.00	124.40 6.33 0.00	117.10 5.13 0.00	49.51 2.48 0.00	46.97 2.76 0.00	46.24 2.94 0.00	42.74 2.67 0.00	40.26 2.41 0.00	40.45 2.50 0.00	39.38 2.53 0.00	42.43 2.64 0.00	52.63 2.77 0.00	54.12 2.75 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.75 2.27 0.00	42.77 1.84 0.00	39.01 1.78 0.00
FENNER___WINDPWR 24204	40.36 0.73 0.00	46.10 0.85 0.00	41.79 0.74 0.00	39.15 0.70 0.00	42.40 0.91 0.00	44.94 1.13 0.00	93.43 2.62 0.00	129.29 3.37 -7.85	141.15 2.18 -27.01	47.69 0.66 0.00	44.66 0.45 0.00	43.75 0.45 0.00	40.46 0.39 0.00	38.21 0.36 0.00	38.19 0.23 0.00	36.90 0.05 0.00	40.04 0.24 0.00	53.67 0.74 -3.07	54.71 1.00 -2.34	49.99 1.17 -1.02	51.42 1.15 -1.20	52.43 1.14 -1.81	41.78 0.84 0.00	37.88 0.65 0.00
FIBERTEK___ENERGY 23856	39.25 -0.38 0.00	44.78 -0.47 0.00	40.62 -0.44 0.00	38.03 -0.42 0.00	41.14 -0.35 0.00	43.51 -0.32 0.00	90.20 -0.60 0.00	117.70 -0.37 0.00	111.05 -0.91 0.00	46.56 -0.47 0.00	43.72 -0.49 0.00	42.74 -0.56 0.00	39.46 -0.61 0.00	37.21 -0.64 0.00	37.26 -0.70 0.00	36.19 -0.66 0.00	39.20 -0.60 0.00	49.35 -0.51 0.00	50.98 -0.40 0.00	47.40 -0.40 0.00	48.59 -0.47 0.00	48.99 -0.49 0.00	40.50 -0.44 0.00	36.87 -0.36 0.00
FITZPATRICK___ 23598	38.32 -1.31 0.00	43.73 -1.52 0.00	39.67 -1.39 0.00	37.14 -1.31 0.00	40.12 -1.36 0.00	42.40 -1.42 0.00	87.76 -3.05 0.00	114.45 -3.61 0.00	108.14 -3.83 0.00	45.44 -1.59 0.00	42.69 -1.52 0.00	41.77 -1.53 0.00	38.61 -1.45 0.00	36.44 -1.41 0.00	36.50 -1.45 0.00	35.44 -1.41 0.00	38.30 -1.49 0.00	48.10 -1.76 0.00	49.62 -1.76 0.00	46.15 -1.66 0.00	47.34 -1.73 0.00	47.75 -1.73 0.00	39.51 -1.43 0.00	35.97 -1.26 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	41.02 1.39 0.00	46.84 1.59 0.00	42.44 1.38 0.00	39.83 1.38 0.00	42.95 1.46 0.00	45.56 1.74 0.00	94.80 4.00 0.00	124.64 6.58 0.00	117.33 5.36 0.00	49.37 2.34 0.00	46.70 2.49 0.00	45.91 2.61 0.00	42.43 2.37 0.00	39.96 2.10 0.00	40.16 2.21 0.00	39.13 2.29 0.00	42.27 2.47 0.00	52.60 2.74 0.00	54.16 2.79 0.00	50.46 2.66 0.00	51.63 2.55 0.00	51.87 2.40 0.00	42.86 1.92 0.00	39.04 1.81 0.00
FORT ORANGE___ 23900	39.66 0.02 0.00	45.27 0.01 0.00	41.13 0.08 0.00	38.59 0.14 0.00	41.51 0.03 0.00	43.97 0.15 0.00	91.45 0.64 0.00	119.37 1.30 0.00	112.75 0.79 0.00	47.16 0.13 0.00	44.15 -0.06 0.00	43.39 0.09 0.00	40.26 0.19 0.00	38.06 0.20 0.00	38.33 0.38 0.00	37.29 0.44 0.00	40.41 0.61 0.00	50.57 0.71 0.00	52.03 0.65 0.00	48.42 0.61 0.00	49.68 0.61 0.00	49.93 0.45 0.00	41.20 0.27 0.00	37.41 0.18 0.00
FORT_DRUM_COGEN 23780	41.62 1.99 0.00	47.32 2.07 0.00	42.85 1.80 0.00	40.18 1.72 0.00	43.66 2.18 0.00	46.26 2.44 0.00	96.22 5.41 0.00	126.02 7.96 0.00	158.61 7.22 -39.42	48.81 1.57 -0.21	44.43 0.22 0.00	43.12 -0.17 0.00	40.06 0.00 0.00	37.91 0.06 0.00	37.90 -0.06 0.00	36.63 -0.22 0.00	39.81 0.02 0.00	51.52 1.66 0.00	53.58 2.20 0.00	49.81 2.01 0.00	50.89 1.82 0.00	51.63 2.15 0.00	42.54 1.60 0.00	38.53 1.30 0.00
FOX_HILLS___ESR 323835	41.11 1.48 0.00	46.93 1.67 0.00	42.52 1.47 0.00	39.91 1.46 0.00	43.01 1.52 0.00	45.64 1.82 0.00	94.81 4.01 0.00	125.36 7.30 0.00	117.66 5.69 0.00	49.48 2.45 0.00	46.99 2.78 0.00	46.19 2.89 0.00	42.65 2.59 0.00	40.15 2.30 0.00	40.36 2.41 0.00	39.32 2.47 0.00	42.28 2.49 0.00	52.52 2.65 0.00	54.05 2.67 0.00	50.43 2.63 0.00	51.57 2.50 0.00	51.80 2.32 0.00	42.87 1.94 0.00	39.22 1.99 0.00
FPL_FAR_ROCK_GT1 24212	41.25 1.61 0.00	47.19 1.94 0.00	42.68 1.63 0.00	40.04 1.60 0.00	43.10 1.61 0.00	45.40 1.58 0.00	94.00 3.20 0.00	120.15 5.68 3.59	101.10 4.68 15.54	49.59 2.56 0.00	48.19 2.98 -1.00	46.46 3.16 0.00	42.92 2.86 0.00	40.39 2.54 0.00	40.67 2.68 -0.04	39.44 2.60 0.00	42.38 2.59 0.00	52.68 2.82 0.00	53.98 2.75 0.15	50.53 2.73 0.00	51.85 2.78 0.00	51.87 2.39 0.00	42.88 1.94 0.00	39.25 2.01 0.00
FPL_FAR_ROCK_GT2 23815	41.25 1.61 0.00	47.19 1.94 0.00	42.68 1.63 0.00	40.04 1.60 0.00	43.10 1.61 0.00	45.40 1.58 0.00	94.00 3.20 0.00	120.15 5.68 3.59	101.10 4.68 15.54	49.59 2.56 0.00	48.19 2.98 -1.00	46.46 3.16 0.00	42.92 2.86 0.00	40.39 2.54 0.00	40.67 2.68 -0.04	39.44 2.60 0.00	42.38 2.59 0.00	52.68 2.82 0.00	53.98 2.75 0.15	50.53 2.73 0.00	51.85 2.78 0.00	51.87 2.39 0.00	42.88 1.94 0.00	39.25 2.01 0.00
FRANKLIN_FALL_HYD 24054	41.42 1.79 0.00	47.25 2.00 0.00	42.86 1.81 0.00	40.04 1.60 0.00	43.21 1.72 0.00	45.45 1.63 0.00	93.71 2.91 0.00	121.20 3.14 0.00	160.80 4.41 -44.42	48.82 1.55 -0.23	45.53 1.33 0.00	44.54 1.24 0.00	41.22 1.16 0.00	39.03 1.18 0.00	39.01 1.06 0.00	37.77 0.92 0.00	40.59 0.79 0.00	51.13 1.27 0.00	52.70 1.33 0.00	49.11 1.30 0.00	50.47 1.40 0.00	51.07 1.60 0.00	42.44 1.50 0.00	38.53 1.30 0.00

FREEPORT_EQUS_GT1 23764	40.86 1.22 0.00	46.78 1.52 0.00	42.33 1.28 0.00	39.73 1.27 0.00	42.73 1.24 0.00	44.70 1.13 0.25	93.17 2.37 0.00	119.19 4.59 3.46	100.66 3.67 14.97	49.08 2.05 0.00	47.01 2.48 -0.33	45.98 2.68 0.00	42.48 2.42 0.00	39.97 2.12 0.00	40.21 2.25 -0.01	39.05 2.20 0.00	41.95 2.15 0.00	52.16 2.30 0.00	52.77 2.25 0.85	50.05 2.25 0.00	51.35 2.28 0.00	51.37 1.90 0.00	42.45 1.51 0.00	38.87 1.63 0.00
FREEPORT___CT2 23818	40.86 1.22 0.00	46.78 1.52 0.00	42.33 1.28 0.00	39.73 1.27 0.00	42.73 1.24 0.00	44.70 1.13 0.25	93.17 2.37 0.00	119.19 4.59 3.46	100.66 3.67 14.97	49.08 2.05 0.00	47.01 2.48 -0.33	45.98 2.68 0.00	42.48 2.42 0.00	39.97 2.12 0.00	40.21 2.25 -0.01	39.05 2.20 0.00	41.95 2.15 0.00	52.16 2.30 0.00	52.77 2.25 0.85	50.05 2.25 0.00	51.35 2.28 0.00	51.37 1.90 0.00	42.45 1.51 0.00	38.87 1.63 0.00
FRESHKLS_33_KV_LOAD 356253	41.34 1.71 0.00	47.28 2.02 0.00	42.83 1.78 0.00	40.21 1.76 0.00	43.34 1.85 0.00	46.00 2.17 0.00	95.55 4.74 0.00	126.31 8.25 0.00	118.30 6.33 0.00	49.50 2.47 0.00	46.96 2.75 0.00	46.14 2.84 0.00	42.57 2.51 0.00	40.07 2.22 0.00	40.29 2.34 0.00	39.26 2.41 0.00	42.22 2.42 0.00	52.51 2.65 0.00	54.07 2.69 0.00	50.45 2.65 0.00	51.60 2.53 0.00	51.83 2.35 0.00	43.01 2.08 0.00	39.43 2.20 0.00
FULTON COGEN____ 23766	38.75 -0.88 0.00	44.21 -1.05 0.00	40.10 -0.95 0.00	37.54 -0.91 0.00	40.59 -0.90 0.00	42.93 -0.89 0.00	88.95 -1.85 0.00	116.13 -1.93 0.00	109.66 -2.30 0.00	45.99 -1.04 0.00	43.15 -1.06 0.00	42.17 -1.13 0.00	38.94 -1.12 0.00	36.77 -1.08 0.00	36.81 -1.14 0.00	35.76 -1.08 0.00	38.66 -1.14 0.00	48.64 -1.22 0.00	50.22 -1.16 0.00	46.70 -1.10 0.00	47.90 -1.17 0.00	48.30 -1.17 0.00	39.97 -0.97 0.00	36.39 -0.83 0.00
FULTON___LFGE 323630	40.84 1.21 0.00	46.62 1.37 0.00	42.28 1.23 0.00	39.61 1.16 0.00	42.77 1.28 0.00	45.30 1.48 0.00	94.23 3.42 0.00	123.36 5.29 0.00	115.54 3.58 0.00	47.80 0.77 0.00	44.64 0.43 0.00	43.36 0.06 0.00	40.80 0.74 0.00	38.38 0.53 0.00	38.10 0.15 0.00	36.88 0.04 0.00	40.19 0.40 0.00	51.45 1.58 0.00	53.38 2.00 0.00	49.72 1.92 0.00	50.97 1.90 0.00	51.37 1.90 0.00	42.29 1.36 0.00	38.35 1.12 0.00
G.F.CEMENT___DRP 24184	40.87 1.24 0.00	46.65 1.40 0.00	42.51 1.46 0.00	39.87 1.42 0.00	42.79 1.31 0.00	45.37 1.55 0.00	95.11 4.30 0.00	123.35 5.29 0.00	116.43 4.46 0.00	48.62 1.59 0.00	45.63 1.42 0.00	44.84 1.54 0.00	41.57 1.51 0.00	39.35 1.50 0.00	39.48 1.53 0.00	38.40 1.56 0.00	41.67 1.87 0.00	52.48 2.61 0.00	53.91 2.53 0.00	50.18 2.37 0.00	51.51 2.44 0.00	51.56 2.09 0.00	42.49 1.56 0.00	38.51 1.28 0.00
GARDENVILLE___LBMP 24039	39.36 -0.27 0.00	44.95 -0.31 0.00	40.54 -0.52 0.00	37.54 -0.91 0.00	41.10 -0.39 0.00	43.03 -0.79 0.00	85.97 -4.84 0.00	95.47 -7.11 15.49	52.22 -7.41 52.33	44.63 -2.40 0.00	42.87 -1.34 0.00	41.65 -1.65 0.00	38.08 -1.98 0.00	35.68 -2.17 0.00	35.34 -2.61 0.00	34.08 -2.77 0.00	36.10 -3.70 0.00	39.55 -4.50 5.81	43.86 -4.30 3.21	42.30 -4.09 1.41	42.87 -4.25 1.95	42.99 -3.99 2.49	38.02 -2.91 0.00	35.36 -1.87 0.00
GARDNVLA_35_KV_LD 355827	39.54 -0.10 0.00	45.13 -0.13 0.00	40.69 -0.36 0.00	37.67 -0.77 0.00	41.25 -0.23 0.00	43.20 -0.62 0.00	86.42 -4.38 0.00	97.48 -6.47 14.11	58.63 -6.87 46.47	44.98 -2.05 0.00	43.20 -1.01 0.00	41.98 -1.32 0.00	38.38 -1.68 0.00	35.95 -1.91 0.00	35.60 -2.35 0.00	34.36 -2.49 0.00	36.40 -3.40 0.00	40.58 -4.14 5.14	44.62 -3.95 2.81	42.81 -3.77 1.23	43.46 -3.91 1.71	43.65 -3.65 2.17	38.30 -2.63 0.00	35.57 -1.66 0.00
GELCKHM___115KV_LOAD 80723	39.01 -0.63 0.00	44.51 -0.74 0.00	40.36 -0.69 0.00	37.79 -0.66 0.00	40.86 -0.63 0.00	43.21 -0.62 0.00	89.50 -1.31 0.00	116.75 -1.31 0.00	110.22 -1.74 0.00	46.27 -0.76 0.00	43.45 -0.75 0.00	42.49 -0.81 0.00	39.24 -0.82 0.00	37.02 -0.83 0.00	37.06 -0.89 0.00	35.99 -0.86 0.00	38.96 -0.84 0.00	48.99 -0.87 0.00	50.58 -0.80 0.00	47.04 -0.76 0.00	48.23 -0.84 0.00	48.63 -0.84 0.00	40.22 -0.72 0.00	36.61 -0.62 0.00
GENERAL___MILLS 23808	39.43 -0.21 0.00	45.00 -0.25 0.00	40.58 -0.47 0.00	37.58 -0.87 0.00	41.14 -0.35 0.00	43.08 -0.74 0.00	86.10 -4.71 0.00	96.80 -6.95 14.32	57.29 -7.30 47.37	44.81 -2.22 0.00	43.04 -1.17 0.00	41.81 -1.49 0.00	38.23 -1.83 0.00	35.80 -2.05 0.00	35.45 -2.50 0.00	34.21 -2.64 0.00	36.23 -3.57 0.00	40.24 -4.38 5.24	44.31 -4.19 2.87	42.56 -3.99 1.26	43.20 -4.12 1.75	43.39 -3.86 2.22	38.14 -2.80 0.00	35.44 -1.79 0.00
GE_PLASTICS___DRP 24183	39.69 0.06 0.00	45.34 0.08 0.00	41.18 0.12 0.00	38.63 0.18 0.00	41.56 0.07 0.00	43.98 0.16 0.00	91.38 0.58 0.00	119.26 1.19 0.00	112.64 0.67 0.00	47.25 0.23 0.00	44.36 0.15 0.00	43.58 0.28 0.00	40.41 0.35 0.00	38.19 0.34 0.00	38.43 0.48 0.00	37.38 0.53 0.00	40.44 0.64 0.00	50.49 0.63 0.00	51.88 0.51 0.00	48.30 0.50 0.00	49.56 0.48 0.00	49.85 0.38 0.00	41.20 0.27 0.00	37.44 0.21 0.00
GILBOA___1 23756	40.06 0.43 0.00	45.90 0.65 0.00	41.66 0.60 0.00	39.17 0.72 0.00	42.07 0.58 0.00	44.39 0.57 0.00	92.16 1.35 0.00	120.44 2.38 0.00	113.42 1.45 0.00	47.78 0.75 0.00	45.00 0.79 0.00	44.18 0.89 0.00	40.89 0.83 0.00	38.59 0.74 0.00	38.77 0.82 0.00	37.70 0.85 0.00	40.73 0.93 0.00	50.68 0.82 0.00	52.06 0.69 0.00	48.48 0.67 0.00	49.80 0.73 0.00	50.25 0.78 0.00	41.56 0.62 0.00	37.82 0.58 0.00
GILBOA___2 23757	40.06 0.43 0.00	45.90 0.65 0.00	41.66 0.60 0.00	39.17 0.72 0.00	42.07 0.58 0.00	44.39 0.57 0.00	92.16 1.35 0.00	120.44 2.38 0.00	113.42 1.45 0.00	47.78 0.75 0.00	45.00 0.79 0.00	44.18 0.89 0.00	40.89 0.83 0.00	38.59 0.74 0.00	38.77 0.82 0.00	37.70 0.85 0.00	40.73 0.93 0.00	50.68 0.82 0.00	52.06 0.69 0.00	48.48 0.67 0.00	49.80 0.73 0.00	50.25 0.78 0.00	41.56 0.62 0.00	37.82 0.58 0.00
GILBOA___3 23758	40.06 0.43 0.00	45.90 0.65 0.00	41.66 0.60 0.00	39.17 0.72 0.00	42.07 0.58 0.00	44.39 0.57 0.00	92.16 1.35 0.00	120.44 2.38 0.00	113.42 1.45 0.00	47.78 0.75 0.00	45.00 0.79 0.00	44.18 0.89 0.00	40.89 0.83 0.00	38.59 0.74 0.00	38.77 0.82 0.00	37.70 0.85 0.00	40.73 0.93 0.00	50.68 0.82 0.00	52.06 0.69 0.00	48.48 0.67 0.00	49.80 0.73 0.00	50.25 0.78 0.00	41.56 0.62 0.00	37.82 0.58 0.00
GILBOA___4 23759	40.06 0.43 0.00	45.90 0.65 0.00	41.66 0.60 0.00	39.17 0.72 0.00	42.07 0.58 0.00	44.39 0.57 0.00	92.16 1.35 0.00	120.44 2.38 0.00	113.42 1.45 0.00	47.78 0.75 0.00	45.00 0.79 0.00	44.18 0.89 0.00	40.89 0.83 0.00	38.59 0.74 0.00	38.77 0.82 0.00	37.70 0.85 0.00	40.73 0.93 0.00	50.68 0.82 0.00	52.06 0.69 0.00	48.48 0.67 0.00	49.80 0.73 0.00	50.25 0.78 0.00	41.56 0.62 0.00	37.82 0.58 0.00

GILBOA____ 23599	40.06 0.43 0.00	45.90 0.65 0.00	41.66 0.60 0.00	39.17 0.72 0.00	42.07 0.58 0.00	44.39 0.57 0.00	92.17 1.36 0.00	120.43 2.37 0.00	113.42 1.46 0.00	47.78 0.75 0.00	45.00 0.79 0.00	44.18 0.89 0.00	40.89 0.83 0.00	38.59 0.74 0.00	38.77 0.82 0.00	37.70 0.85 0.00	40.73 0.93 0.00	50.68 0.82 0.00	52.07 0.69 0.00	48.49 0.68 0.00	49.80 0.73 0.00	50.26 0.78 0.00	41.56 0.63 0.00	37.82 0.59 0.00
GINNA____ 23603	37.40 -2.02 0.22	42.58 -2.37 0.30	38.50 -2.25 0.31	35.96 -2.26 0.22	39.16 -2.16 0.16	41.14 -2.37 0.31	84.71 -5.77 0.33	102.74 -7.21 8.11	82.47 -7.29 22.20	44.18 -2.85 0.00	41.79 -2.42 0.00	40.74 -2.56 0.00	37.44 -2.62 0.00	35.19 -2.66 0.00	35.11 -2.84 0.00	34.00 -2.85 0.00	36.52 -3.16 0.11	43.65 -3.60 2.60	46.15 -3.56 1.67	43.52 -3.37 0.91	44.37 -3.54 1.16	44.64 -3.53 1.31	37.85 -2.84 0.25	34.70 -2.37 0.15
GLEN PARK____ 23778	41.77 2.13 0.00	47.47 2.22 0.00	42.98 1.92 0.00	40.29 1.85 0.00	43.83 2.34 0.00	46.44 2.62 0.00	96.65 5.84 0.00	126.66 8.60 0.00	156.92 7.68 -37.27	48.88 1.65 -0.20	44.39 0.18 0.00	43.05 -0.25 0.00	39.99 -0.07 0.00	37.83 -0.02 0.00	37.83 -0.12 0.00	36.55 -0.29 0.00	39.78 -0.02 0.00	51.70 1.84 0.00	53.87 2.50 0.00	50.09 2.28 0.00	51.17 2.10 0.00	51.85 2.38 0.00	42.72 1.78 0.00	38.67 1.44 0.00
GLENDALE_27_KV_LOAD 356172	41.00 1.37 0.00	46.72 1.47 0.00	42.34 1.29 0.00	39.74 1.29 0.00	42.83 1.34 0.00	45.45 1.63 0.00	94.34 3.53 0.00	124.69 6.62 0.00	117.26 5.30 0.00	49.59 2.56 0.00	47.12 2.91 0.00	46.34 3.05 0.00	42.84 2.78 0.00	40.34 2.49 0.00	40.55 2.60 0.00	39.49 2.65 0.00	42.44 2.64 0.00	52.62 2.75 0.00	54.07 2.70 0.00	50.41 2.60 0.00	51.54 2.47 0.00	51.77 2.29 0.00	42.76 1.83 0.00	39.04 1.81 0.00
GLENWOOD_IC_1_G5 23712	40.91 1.28 0.00	46.78 1.52 0.00	42.34 1.29 0.00	39.74 1.29 0.00	42.80 1.31 0.00	45.05 1.38 0.15	93.90 3.09 0.00	121.46 5.53 2.13	107.24 4.49 9.22	49.32 2.29 0.00	47.03 2.65 -0.17	46.14 2.85 0.00	42.66 2.60 0.00	40.14 2.29 0.00	40.37 2.42 -0.01	39.24 2.39 0.00	42.21 2.41 0.00	52.44 2.58 0.00	53.36 2.51 0.52	50.24 2.44 0.00	51.46 2.39 0.00	51.57 2.10 0.00	42.64 1.70 0.00	38.93 1.70 0.00
GLENWOOD_IC_2_G1 23688	40.80 1.17 0.00	46.63 1.37 0.00	42.22 1.17 0.00	39.61 1.16 0.00	42.67 1.18 0.00	45.14 1.32 0.00	93.77 2.96 0.00	123.40 5.33 0.00	116.28 4.31 0.00	49.18 2.15 0.00	46.69 2.48 0.00	45.98 2.68 0.00	42.51 2.45 0.00	40.02 2.17 0.00	40.23 2.27 0.00	39.12 2.28 0.00	42.10 2.31 0.00	52.28 2.42 0.00	53.75 2.38 0.00	50.09 2.29 0.00	51.30 2.23 0.00	51.45 1.97 0.00	42.53 1.60 0.00	38.84 1.61 0.00
GLENWOOD_IC_3_G1 23689	40.80 1.17 0.00	46.63 1.37 0.00	42.22 1.17 0.00	39.61 1.16 0.00	42.67 1.18 0.00	45.14 1.32 0.00	93.77 2.96 0.00	123.40 5.33 0.00	116.28 4.31 0.00	49.18 2.15 0.00	46.69 2.48 0.00	45.98 2.68 0.00	42.51 2.45 0.00	40.02 2.17 0.00	40.23 2.27 0.00	39.12 2.28 0.00	42.10 2.31 0.00	52.28 2.42 0.00	53.75 2.38 0.00	50.09 2.29 0.00	51.30 2.23 0.00	51.45 1.97 0.00	42.53 1.60 0.00	38.84 1.61 0.00
GLENWOOD____4 23550	40.91 1.28 0.00	46.78 1.52 0.00	42.34 1.29 0.00	39.74 1.29 0.00	42.80 1.31 0.00	45.05 1.38 0.15	93.90 3.09 0.00	121.46 5.53 2.13	107.24 4.49 9.22	49.32 2.29 0.00	47.03 2.65 -0.17	46.14 2.85 0.00	42.66 2.60 0.00	40.14 2.29 0.00	40.37 2.42 -0.01	39.24 2.39 0.00	42.21 2.41 0.00	52.44 2.58 0.00	53.36 2.51 0.52	50.24 2.44 0.00	51.46 2.39 0.00	51.57 2.10 0.00	42.64 1.70 0.00	38.93 1.70 0.00
GLENWOOD____5 23614	40.91 1.28 0.00	46.78 1.52 0.00	42.34 1.29 0.00	39.74 1.29 0.00	42.80 1.31 0.00	45.05 1.38 0.15	93.90 3.09 0.00	121.46 5.53 2.13	107.24 4.49 9.22	49.32 2.29 0.00	47.03 2.65 -0.17	46.14 2.85 0.00	42.66 2.60 0.00	40.14 2.29 0.00	40.37 2.42 -0.01	39.24 2.39 0.00	42.21 2.41 0.00	52.44 2.58 0.00	53.36 2.51 0.52	50.24 2.44 0.00	51.46 2.39 0.00	51.57 2.10 0.00	42.64 1.70 0.00	38.93 1.70 0.00
GLOBAL GREEN_PORT_GT1 23814	40.58 0.95 0.00	47.05 1.80 0.00	42.69 1.63 0.00	40.17 1.72 0.00	43.33 1.85 0.00	44.83 1.52 0.51	94.61 3.81 0.00	120.17 6.29 4.19	99.06 5.24 18.14	49.21 2.18 0.00	46.26 2.14 0.08	45.97 2.67 0.00	42.59 2.53 0.00	40.00 2.15 0.00	40.39 2.45 0.00	39.45 2.60 0.00	42.18 2.39 0.00	52.17 2.31 0.00	51.95 2.19 1.61	50.47 2.67 0.00	52.00 2.93 0.00	51.93 2.45 0.00	42.88 1.94 0.00	39.39 2.16 0.00
GLOBE____DSASP 323697	38.74 -0.89 0.00	44.20 -1.05 0.00	39.85 -1.20 0.00	36.85 -1.60 0.00	40.41 -1.08 0.00	42.12 -1.70 0.00	83.04 -7.76 0.00	94.90 -10.58 12.58	59.71 -10.20 42.05	43.53 -3.50 0.00	41.83 -2.38 0.00	40.52 -2.78 0.00	37.07 -3.00 0.00	34.74 -3.12 0.00	34.42 -3.53 0.00	33.17 -3.68 0.00	35.03 -4.77 0.00	39.25 -5.96 4.66	42.86 -5.96 2.56	41.00 -5.68 1.12	41.73 -5.79 1.55	42.14 -5.35 1.99	37.00 -3.94 0.00	34.72 -2.51 0.00
GOETHSLN____LBMP 323567	40.72 1.08 0.00	46.44 1.19 0.00	42.07 1.02 0.00	39.48 1.03 0.00	42.56 1.07 0.00	45.17 1.35 0.00	94.00 3.19 0.00	123.91 5.85 0.00	116.66 4.70 0.00	49.39 2.37 0.00	46.86 2.65 0.00	46.13 2.83 0.00	42.66 2.59 0.00	40.18 2.33 0.00	40.36 2.41 0.00	39.30 2.45 0.00	42.36 2.57 0.00	52.49 2.63 0.00	54.01 2.63 0.00	50.30 2.50 0.00	51.42 2.35 0.00	51.61 2.13 0.00	42.62 1.69 0.00	38.85 1.62 0.00
GOLAH____69_KV_TB 1_2 80279	39.86 0.23 0.00	45.48 0.23 0.00	41.10 0.05 0.00	38.16 -0.29 0.00	41.57 0.09 0.00	43.83 0.01 0.00	89.10 -1.71 0.00	108.12 -2.18 7.76	83.00 -2.50 26.46	46.23 -0.80 0.00	43.79 -0.41 0.00	42.62 -0.68 0.00	39.08 -0.98 0.00	36.66 -1.19 0.00	36.50 -1.45 0.00	35.30 -1.55 0.00	37.88 -1.92 0.00	44.97 -1.94 2.94	48.06 -1.64 1.67	45.49 -1.58 0.73	46.38 -1.70 0.99	46.63 -1.55 1.30	39.79 -1.15 0.00	36.60 -0.63 0.00
GOODYEAR_LAKE_HYD 323669	40.60 0.97 0.00	46.43 1.18 0.00	42.09 1.04 0.00	39.48 1.03 0.00	42.62 1.13 0.00	45.14 1.32 0.00	93.76 2.96 0.00	122.76 4.63 -0.06	115.52 3.56 0.00	48.47 1.44 0.00	45.58 1.37 0.00	44.60 1.30 0.00	41.22 1.16 0.00	38.88 1.03 0.00	38.93 0.98 0.00	37.83 0.98 0.00	40.98 1.18 0.00	51.93 1.48 -0.59	53.58 1.53 -0.68	49.50 1.41 -0.30	50.47 1.39 0.00	51.44 1.44 -0.52	42.07 1.14 0.00	38.26 1.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.62 -0.01 0.00	45.29 0.04 0.00	41.02 -0.03 0.00	38.39 -0.06 0.00	41.59 0.10 0.00	44.02 0.20 0.00	91.11 0.30 0.00	115.37 0.76 3.46	99.75 -0.36 11.85	47.07 0.04 0.00	44.47 0.26 0.00	43.48 0.18 0.00	40.08 0.02 0.00	37.75 -0.10 0.00	37.77 -0.17 0.00	36.69 -0.15 0.00	39.62 -0.17 0.00	49.38 -0.02 0.32	51.35 -0.02 0.00	47.79 -0.02 0.00	48.47 -0.05 0.55	49.40 -0.08 0.00	40.85 -0.08 0.00	37.26 0.03 0.00

GOUDEY___7 23579	39.62 -0.01 0.00	45.29 0.04 0.00	41.02 -0.03 0.00	38.39 -0.06 0.00	41.59 0.10 0.00	44.02 0.20 0.00	91.11 0.30 0.00	115.37 0.76 3.46	99.75 -0.36 11.85	47.07 0.04 0.00	44.47 0.26 0.00	43.48 0.18 0.00	40.08 0.02 0.00	37.75 -0.10 0.00	37.77 -0.17 0.00	36.69 -0.15 0.00	39.62 -0.17 0.00	49.38 -0.17 0.32	51.35 -0.02 0.00	47.79 -0.02 0.00	48.47 -0.05 0.55	49.40 -0.08 0.00	40.85 -0.08 0.00	37.26 0.03 0.00
GOUDEY___8 23580	39.62 -0.01 0.00	45.29 0.04 0.00	41.02 -0.03 0.00	38.39 -0.06 0.00	41.59 0.10 0.00	44.02 0.20 0.00	91.11 0.30 0.00	115.37 0.76 3.46	99.75 -0.36 11.85	47.07 0.04 0.00	44.47 0.26 0.00	43.48 0.18 0.00	40.08 0.02 0.00	37.75 -0.10 0.00	37.77 -0.17 0.00	36.69 -0.15 0.00	39.62 -0.17 0.00	49.38 -0.17 0.32	51.35 -0.02 0.00	47.79 -0.02 0.00	48.47 -0.05 0.55	49.40 -0.08 0.00	40.85 -0.08 0.00	37.26 0.03 0.00
GOWANUS_GT1_1 24077	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.26 3.46 0.00	124.65 6.59 0.00	117.17 5.20 0.00	49.47 2.43 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.32 2.52 0.00	52.52 2.66 0.00	54.04 2.66 0.00	50.40 2.60 0.00	51.54 2.47 0.00	51.77 2.29 0.00	42.74 1.80 0.00	39.00 1.77 0.00
GOWANUS_GT1_2 24078	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.26 3.46 0.00	124.65 6.59 0.00	117.17 5.20 0.00	49.47 2.43 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.32 2.52 0.00	52.52 2.66 0.00	54.04 2.66 0.00	50.40 2.60 0.00	51.54 2.47 0.00	51.77 2.29 0.00	42.74 1.80 0.00	39.00 1.77 0.00
GOWANUS_GT1_3 24079	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.26 3.46 0.00	124.65 6.59 0.00	117.17 5.20 0.00	49.47 2.43 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.32 2.52 0.00	52.52 2.66 0.00	54.04 2.66 0.00	50.40 2.60 0.00	51.54 2.47 0.00	51.77 2.29 0.00	42.74 1.80 0.00	39.00 1.77 0.00
GOWANUS_GT1_4 24080	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.26 3.46 0.00	124.65 6.59 0.00	117.17 5.20 0.00	49.47 2.43 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.32 2.52 0.00	52.52 2.66 0.00	54.04 2.66 0.00	50.40 2.60 0.00	51.54 2.47 0.00	51.77 2.29 0.00	42.74 1.80 0.00	39.00 1.77 0.00
GOWANUS_GT1_5 24084	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.26 3.46 0.00	124.65 6.59 0.00	117.17 5.20 0.00	49.47 2.43 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.32 2.52 0.00	52.52 2.66 0.00	54.04 2.66 0.00	50.40 2.60 0.00	51.54 2.47 0.00	51.77 2.29 0.00	42.74 1.80 0.00	39.00 1.77 0.00
GOWANUS_GT1_6 24111	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.26 3.46 0.00	124.65 6.59 0.00	117.17 5.20 0.00	49.47 2.43 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.32 2.52 0.00	52.52 2.66 0.00	54.04 2.66 0.00	50.40 2.60 0.00	51.54 2.47 0.00	51.77 2.29 0.00	42.74 1.80 0.00	39.00 1.77 0.00
GOWANUS_GT1_7 24112	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.26 3.46 0.00	124.65 6.59 0.00	117.17 5.20 0.00	49.47 2.43 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.32 2.52 0.00	52.52 2.66 0.00	54.04 2.66 0.00	50.40 2.60 0.00	51.54 2.47 0.00	51.77 2.29 0.00	42.74 1.80 0.00	39.00 1.77 0.00
GOWANUS_GT1_8 24113	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.26 3.46 0.00	124.65 6.59 0.00	117.17 5.20 0.00	49.47 2.43 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.32 2.52 0.00	52.52 2.66 0.00	54.04 2.66 0.00	50.40 2.60 0.00	51.54 2.47 0.00	51.77 2.29 0.00	42.74 1.80 0.00	39.00 1.77 0.00
GOWANUS_GT2_1 24114	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
GOWANUS_GT2_2 24115	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
GOWANUS_GT2_3 24116	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
GOWANUS_GT2_4 24117	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
GOWANUS_GT2_5 24118	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00

GOWANUS_GT2_6 24119	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
GOWANUS_GT2_7 24120	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
GOWANUS_GT2_8 24121	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
GOWANUS_GT3_1 24122	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.39 1.57 0.00	94.25 3.45 0.00	124.63 6.57 0.00	117.19 5.23 0.00	49.47 2.44 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.33 2.53 0.00	52.51 2.65 0.00	54.02 2.65 0.00	50.38 2.58 0.00	51.53 2.46 0.00	51.76 2.28 0.00	42.73 1.79 0.00	38.99 1.76 0.00
GOWANUS_GT3_2 24123	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.39 1.57 0.00	94.25 3.45 0.00	124.63 6.57 0.00	117.19 5.23 0.00	49.47 2.44 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.33 2.53 0.00	52.51 2.65 0.00	54.02 2.65 0.00	50.38 2.58 0.00	51.53 2.46 0.00	51.76 2.28 0.00	42.73 1.79 0.00	38.99 1.76 0.00
GOWANUS_GT3_3 24124	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.39 1.57 0.00	94.25 3.45 0.00	124.63 6.57 0.00	117.19 5.23 0.00	49.47 2.44 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.33 2.53 0.00	52.51 2.65 0.00	54.02 2.65 0.00	50.38 2.58 0.00	51.53 2.46 0.00	51.76 2.28 0.00	42.73 1.79 0.00	38.99 1.76 0.00
GOWANUS_GT3_4 24125	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.39 1.57 0.00	94.25 3.45 0.00	124.63 6.57 0.00	117.19 5.23 0.00	49.47 2.44 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.33 2.53 0.00	52.51 2.65 0.00	54.02 2.65 0.00	50.38 2.58 0.00	51.53 2.46 0.00	51.76 2.28 0.00	42.73 1.79 0.00	38.99 1.76 0.00
GOWANUS_GT3_5 24126	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.39 1.57 0.00	94.25 3.45 0.00	124.63 6.57 0.00	117.19 5.23 0.00	49.47 2.44 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.33 2.53 0.00	52.51 2.65 0.00	54.02 2.65 0.00	50.38 2.58 0.00	51.53 2.46 0.00	51.76 2.28 0.00	42.73 1.79 0.00	38.99 1.76 0.00
GOWANUS_GT3_6 24127	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.39 1.57 0.00	94.25 3.45 0.00	124.63 6.57 0.00	117.19 5.23 0.00	49.47 2.44 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.33 2.53 0.00	52.51 2.65 0.00	54.02 2.65 0.00	50.38 2.58 0.00	51.53 2.46 0.00	51.76 2.28 0.00	42.73 1.79 0.00	38.99 1.76 0.00
GOWANUS_GT3_7 24128	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.39 1.57 0.00	94.25 3.45 0.00	124.63 6.57 0.00	117.19 5.23 0.00	49.47 2.44 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.33 2.53 0.00	52.51 2.65 0.00	54.02 2.65 0.00	50.38 2.58 0.00	51.53 2.46 0.00	51.76 2.28 0.00	42.73 1.79 0.00	38.99 1.76 0.00
GOWANUS_GT3_8 24129	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.39 1.57 0.00	94.25 3.45 0.00	124.63 6.57 0.00	117.19 5.23 0.00	49.47 2.44 0.00	47.00 2.79 0.00	46.21 2.92 0.00	42.70 2.64 0.00	40.20 2.35 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.33 2.53 0.00	52.51 2.65 0.00	54.02 2.65 0.00	50.38 2.58 0.00	51.53 2.46 0.00	51.76 2.28 0.00	42.73 1.79 0.00	38.99 1.76 0.00
GOWANUS_GT4_1 24130	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00
GOWANUS_GT4_2 24131	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00
GOWANUS_GT4_3 24132	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00
GOWANUS_GT4_4 24133	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00

GOWANUS_GT4_5 24134	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00
GOWANUS_GT4_6 24135	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00
GOWANUS_GT4_7 24136	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00
GOWANUS_GT4_8 24137	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00
GREATVRV_69_KV_BK1 356245	41.20 1.57 0.00	47.27 2.02 0.00	42.78 1.73 0.00	40.14 1.69 0.00	43.15 1.66 0.00	44.73 1.40 0.49	93.95 3.15 0.00	119.47 5.50 4.10	98.55 4.31 17.73	49.37 2.34 0.00	46.84 2.67 0.05	46.24 2.94 0.00	42.73 2.67 0.00	40.14 2.28 0.00	40.42 2.47 0.00	39.30 2.45 0.00	42.17 2.37 0.00	52.50 2.63 0.00	52.37 2.52 1.53	50.37 2.56 0.00	51.78 2.71 0.00	51.66 2.19 0.00	42.68 1.74 0.00	39.17 1.94 0.00
GREENBSH_115KV_TB3 55895	39.43 -0.20 0.00	45.01 -0.24 0.00	40.90 -0.15 0.00	38.37 -0.09 0.00	41.27 -0.21 0.00	43.71 -0.11 0.00	90.82 0.02 0.00	118.50 0.44 0.00	112.01 0.04 0.00	46.96 -0.07 0.00	44.04 -0.16 0.00	43.30 0.00 0.00	40.16 0.10 0.00	37.98 0.13 0.00	38.27 0.32 0.00	37.22 0.37 0.00	40.28 0.48 0.00	50.29 0.44 0.00	51.66 0.28 0.00	48.09 0.28 0.00	49.34 0.27 0.00	49.59 0.12 0.00	40.95 0.01 0.00	37.19 -0.04 0.00
GREENDGE_115KV_TB5 80291	39.76 0.12 0.00	45.40 0.15 0.00	41.09 0.04 0.00	38.36 -0.09 0.00	41.70 0.21 0.00	44.09 0.27 0.00	90.13 -0.67 0.00	83.46 -2.20 32.40	-4.04 -3.19 112.81	45.87 -1.16 0.00	43.84 -0.37 0.00	42.84 -0.46 0.00	39.06 -1.00 0.00	36.61 -1.24 0.00	36.46 -1.49 0.00	35.30 -1.55 0.00	38.06 -1.74 0.00	35.27 -1.62 12.97	42.05 -1.35 7.98	43.15 -1.16 3.49	42.96 -1.36 4.75	41.84 -1.44 6.19	39.95 -0.98 0.00	36.62 -0.61 0.00
GREENIDGE___3 23582	39.76 0.12 0.00	45.40 0.15 0.00	41.09 0.04 0.00	38.36 -0.09 0.00	41.70 0.21 0.00	44.09 0.27 0.00	90.13 -0.67 0.00	83.46 -2.20 32.40	-4.04 -3.19 112.81	45.87 -1.16 0.00	43.84 -0.37 0.00	42.84 -0.46 0.00	39.06 -1.00 0.00	36.61 -1.24 0.00	36.46 -1.49 0.00	35.30 -1.55 0.00	38.06 -1.74 0.00	35.27 -1.62 12.97	42.05 -1.35 7.98	43.15 -1.16 3.49	42.96 -1.36 4.75	41.84 -1.44 6.19	39.95 -0.98 0.00	36.62 -0.61 0.00
GREENIDGE___4 23583	40.06 0.13 -0.30	45.83 0.16 -0.42	41.53 0.05 -0.43	38.67 -0.09 -0.31	41.92 0.21 -0.22	44.53 0.28 -0.44	90.62 -0.64 -0.46	89.37 -2.22 26.47	-3.39 -3.36 111.99	46.12 -1.16 -0.25	43.95 -0.37 -0.11	42.84 -0.46 0.00	39.06 -1.00 0.00	36.69 -1.25 -0.08	36.47 -1.48 0.00	35.30 -1.54 0.00	38.44 -1.75 -0.39	35.81 -1.61 12.44	42.96 -1.35 7.07	44.18 -1.16 2.47	44.13 -1.33 3.60	42.60 -1.45 5.43	40.84 -0.97 -0.88	37.16 -0.61 -0.54
GREENLWN_69_KV_BK 3 55738	40.39 0.75 0.00	46.37 1.12 0.00	41.98 0.93 0.00	39.38 0.93 0.00	42.31 0.82 0.00	43.79 0.46 0.50	91.69 0.88 0.00	116.61 2.67 4.12	95.97 1.84 17.84	48.39 1.36 0.00	46.02 1.88 0.06	45.55 2.26 0.00	42.13 2.07 0.00	39.60 1.75 0.00	39.81 1.86 0.00	38.59 1.74 0.00	41.30 1.50 0.00	51.28 1.42 0.00	51.06 1.25 1.56	49.14 1.34 0.00	50.47 1.41 0.00	50.47 0.99 0.00	41.71 0.77 0.00	38.28 1.05 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00
GRISSOM___SOLAR 323813	40.88 1.24 0.00	46.67 1.42 0.00	42.34 1.29 0.00	39.67 1.22 0.00	42.82 1.33 0.00	45.35 1.53 0.00	94.36 3.56 0.00	123.46 5.40 0.00	115.61 3.64 0.00	47.83 0.80 0.00	44.64 0.43 0.00	43.25 -0.05 0.00	40.89 0.83 0.00	38.33 0.48 0.00	38.07 0.11 0.00	36.86 0.01 0.00	40.21 0.42 0.00	51.54 1.68 0.00	53.48 2.10 0.00	49.81 2.01 0.00	51.06 1.98 0.00	51.43 1.95 0.00	42.37 1.43 0.00	38.42 1.19 0.00
GROVEVILLE___HYD 323602	41.02 1.39 0.00	46.84 1.59 0.00	42.44 1.38 0.00	39.83 1.38 0.00	42.95 1.46 0.00	45.56 1.74 0.00	94.80 4.00 0.00	124.64 6.58 0.00	117.33 5.36 0.00	49.37 2.34 0.00	46.70 2.49 0.00	45.91 2.61 0.00	42.43 2.37 0.00	39.96 2.10 0.00	40.16 2.21 0.00	39.13 2.29 0.00	42.27 2.47 0.00	52.60 2.74 0.00	54.16 2.79 0.00	50.46 2.66 0.00	51.63 2.55 0.00	51.87 2.40 0.00	42.86 1.92 0.00	39.04 1.81 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.25 -0.38 0.00	44.78 -0.47 0.00	40.62 -0.44 0.00	38.03 -0.42 0.00	41.14 -0.35 0.00	43.51 -0.32 0.00	90.20 -0.60 0.00	117.70 -0.37 0.00	111.05 -0.91 0.00	46.56 -0.47 0.00	43.72 -0.49 0.00	42.74 -0.56 0.00	39.46 -0.61 0.00	37.21 -0.64 0.00	37.26 -0.70 0.00	36.19 -0.66 0.00	39.20 -0.60 0.00	49.35 -0.51 0.00	50.98 -0.40 0.00	47.40 -0.40 0.00	48.59 -0.47 0.00	48.99 -0.49 0.00	40.50 -0.44 0.00	36.87 -0.36 0.00
HAMLTNNY_34_KV_TB 80303	39.38 -0.25 0.00	44.95 -0.30 0.00	40.74 -0.31 0.00	38.13 -0.32 0.00	41.28 -0.21 0.00	43.63 -0.20 0.00	90.44 -0.37 0.00	117.91 -0.16 0.00	111.22 -0.75 0.00	46.62 -0.41 0.00	43.73 -0.48 0.00	42.71 -0.59 0.00	39.41 -0.65 0.00	37.15 -0.70 0.00	37.16 -0.79 0.00	36.09 -0.75 0.00	39.11 -0.68 0.00	49.35 -0.51 0.00	51.06 -0.31 0.00	47.49 -0.32 0.00	48.67 -0.40 0.00	49.04 -0.44 0.00	40.57 -0.37 0.00	36.95 -0.28 0.00

HAMPSHIRE___PAPER_HYD 323593	41.48 1.85 0.00	47.28 2.03 0.00	42.85 1.80 0.00	40.08 1.63 0.00	43.40 1.92 0.00	45.82 2.00 0.00	94.75 3.94 0.00	122.86 4.79 0.00	213.89 5.38 -96.54	48.93 1.39 -0.51	44.83 0.63 0.00	43.71 0.41 0.00	40.68 0.62 0.00	38.53 0.67 0.00	38.52 0.57 0.00	37.27 0.42 0.00	40.02 0.22 0.00	50.89 1.03 0.00	52.50 1.12 0.00	48.97 1.17 0.00	50.34 1.27 0.00	51.34 1.87 0.00	42.55 1.61 0.00	38.55 1.32 0.00
HARDSCRABBLE_WT_PWR 323673	41.06 1.43 0.00	46.89 1.63 0.00	42.56 1.51 0.00	39.93 1.48 0.00	43.04 1.56 0.00	45.67 1.85 0.00	95.18 4.37 0.00	124.29 6.23 0.00	116.55 4.59 0.00	48.19 1.16 0.00	45.02 0.81 0.00	44.25 0.95 0.00	41.33 1.27 0.00	38.74 0.89 0.00	38.65 0.70 0.00	37.56 0.72 0.00	41.08 1.28 0.00	52.22 2.36 0.00	54.05 2.68 0.00	50.23 2.43 0.00	51.53 2.46 0.00	51.77 2.30 0.00	42.50 1.57 0.00	38.41 1.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.86 1.22 0.00	46.66 1.41 0.00	42.27 1.22 0.00	39.64 1.19 0.00	42.78 1.29 0.00	45.39 1.57 0.00	94.49 3.69 0.00	124.22 6.15 0.00	116.90 4.93 0.00	49.22 2.18 0.00	46.61 2.41 0.00	45.86 2.56 0.00	42.37 2.31 0.00	39.90 2.05 0.00	40.12 2.17 0.00	39.07 2.22 0.00	42.17 2.37 0.00	52.42 2.56 0.00	53.98 2.61 0.00	50.29 2.49 0.00	51.46 2.39 0.00	51.70 2.22 0.00	42.74 1.80 0.00	38.96 1.73 0.00
HARSNRAD_115KV_TB1 81005	39.11 -0.52 0.00	44.62 -0.63 0.00	40.23 -0.82 0.00	37.25 -1.20 0.00	40.84 -0.65 0.00	42.57 -1.25 0.00	84.47 -6.33 0.00	97.23 -8.62 12.21	62.54 -8.43 40.99	44.24 -2.79 0.00	42.46 -1.75 0.00	41.13 -2.17 0.00	37.63 -2.44 0.00	35.25 -2.61 0.00	34.91 -3.04 0.00	33.66 -3.19 0.00	35.57 -4.23 0.00	40.11 -5.21 4.54	43.82 -5.05 2.51	41.89 -4.81 1.10	42.60 -4.95 1.52	43.02 -4.52 1.94	37.59 -3.34 0.00	35.09 -2.14 0.00
HARZA MOOSE___RIVER 24016	41.00 1.36 0.00	46.77 1.51 0.00	42.39 1.34 0.00	39.70 1.25 0.00	43.00 1.52 0.00	45.54 1.72 0.00	94.70 3.89 0.00	124.47 6.41 0.00	150.53 6.43 -32.14	48.97 1.77 -0.17	45.06 0.85 0.00	43.77 0.47 0.00	40.55 0.49 0.00	38.37 0.52 0.00	38.36 0.41 0.00	37.11 0.26 0.00	40.26 0.46 0.00	51.23 1.37 0.00	52.96 1.59 0.00	49.34 1.54 0.00	50.53 1.45 0.00	51.12 1.64 0.00	42.19 1.26 0.00	38.26 1.03 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.95 -0.68 0.00	44.45 -0.80 0.00	40.31 -0.75 0.00	37.74 -0.71 0.00	40.82 -0.67 0.00	43.17 -0.65 0.00	89.44 -1.36 0.00	116.74 -1.32 0.00	110.12 -1.84 0.00	46.25 -0.78 0.00	43.43 -0.78 0.00	42.47 -0.82 0.00	39.24 -0.82 0.00	37.01 -0.85 0.00	37.06 -0.89 0.00	36.01 -0.84 0.00	38.95 -0.85 0.00	48.95 -0.91 0.00	50.53 -0.84 0.00	47.00 -0.80 0.00	48.20 -0.87 0.00	48.59 -0.89 0.00	40.17 -0.76 0.00	36.58 -0.65 0.00
HELLGATE_13_KV_LD 55870	41.05 1.41 0.00	46.78 1.52 0.00	42.40 1.34 0.00	39.80 1.35 0.00	42.89 1.40 0.00	45.50 1.68 0.00	94.47 3.67 0.00	124.92 6.85 0.00	117.46 5.49 0.00	49.63 2.60 0.00	47.17 2.96 0.00	46.39 3.09 0.00	42.88 2.82 0.00	40.38 2.52 0.00	40.59 2.64 0.00	39.52 2.67 0.00	42.46 2.66 0.00	52.64 2.78 0.00	54.10 2.72 0.00	50.44 2.64 0.00	51.59 2.51 0.00	51.83 2.35 0.00	42.80 1.87 0.00	39.07 1.85 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.05 1.41 0.00	46.78 1.52 0.00	42.40 1.34 0.00	39.80 1.35 0.00	42.89 1.40 0.00	45.50 1.68 0.00	94.47 3.67 0.00	124.92 6.85 0.00	117.46 5.49 0.00	49.63 2.60 0.00	47.17 2.96 0.00	46.39 3.09 0.00	42.88 2.82 0.00	40.38 2.52 0.00	40.59 2.64 0.00	39.52 2.67 0.00	42.46 2.66 0.00	52.64 2.78 0.00	54.10 2.72 0.00	50.44 2.64 0.00	51.59 2.51 0.00	51.83 2.35 0.00	42.80 1.87 0.00	39.07 1.85 0.00
HEMPSTEAD___ 23647	40.65 1.02 0.00	46.54 1.29 0.00	42.11 1.05 0.00	39.52 1.07 0.00	42.53 1.04 0.00	44.57 0.98 0.23	92.97 2.16 0.00	119.34 4.30 3.02	102.27 3.39 13.08	48.93 1.90 0.00	46.74 2.31 -0.22	45.83 2.53 0.00	42.36 2.29 0.00	39.86 2.01 0.00	40.09 2.14 -0.01	38.95 2.10 0.00	41.85 2.05 0.00	52.00 2.13 0.00	52.65 2.06 0.78	49.83 2.03 0.00	51.11 2.04 0.00	51.16 1.68 0.00	42.28 1.34 0.00	38.68 1.45 0.00
HICKLING___1 23621	39.60 -0.04 0.00	45.29 0.04 0.00	40.96 -0.09 0.00	38.21 -0.24 0.00	41.57 0.08 0.00	44.02 0.20 0.00	90.46 -0.35 0.00	82.35 -3.29 32.43	-5.57 -5.11 112.42	45.38 -1.65 0.00	43.91 -0.30 0.00	43.32 0.02 0.00	39.18 -0.88 0.00	36.49 -1.36 0.00	36.32 -1.64 0.00	35.16 -1.69 0.00	37.68 -2.12 0.00	34.74 -2.45 12.68	42.05 -2.00 7.33	42.71 -1.88 3.21	42.58 -2.05 4.45	41.58 -2.21 5.69	39.21 -1.72 0.00	36.09 -1.14 0.00
HICKLING___2 23622	39.60 -0.04 0.00	45.29 0.04 0.00	40.96 -0.09 0.00	38.21 -0.24 0.00	41.57 0.08 0.00	44.02 0.20 0.00	90.46 -0.35 0.00	82.35 -3.29 32.43	-5.57 -5.11 112.42	45.38 -1.65 0.00	43.91 -0.30 0.00	43.32 0.02 0.00	39.18 -0.88 0.00	36.49 -1.36 0.00	36.32 -1.64 0.00	35.16 -1.69 0.00	37.68 -2.12 0.00	34.74 -2.45 12.68	42.05 -2.00 7.33	42.71 -1.88 3.21	42.58 -2.05 4.45	41.58 -2.21 5.69	39.21 -1.72 0.00	36.09 -1.14 0.00
HIGH FALLS___HY 23754	41.17 1.54 0.00	47.02 1.77 0.00	42.58 1.53 0.00	39.96 1.51 0.00	43.14 1.65 0.00	45.77 1.95 0.00	95.30 4.50 0.00	125.39 7.32 0.00	117.81 5.84 0.00	49.46 2.43 0.00	46.64 2.43 0.00	45.69 2.39 0.00	42.16 2.10 0.00	39.48 1.63 0.00	39.63 1.68 0.00	38.67 1.82 0.00	41.86 2.06 0.00	52.26 2.40 0.00	53.95 2.57 0.00	50.29 2.49 0.00	51.50 2.43 0.00	52.03 2.55 0.00	43.00 2.07 0.00	39.16 1.93 0.00
HIGH_RIVER___SOLAR 323847	40.74 1.11 0.00	46.50 1.25 0.00	42.20 1.14 0.00	39.55 1.10 0.00	42.65 1.17 0.00	45.15 1.33 0.00	93.91 3.10 0.00	122.67 4.60 0.00	114.97 3.01 0.00	47.56 0.54 0.00	44.50 0.29 0.00	43.59 0.29 0.00	40.59 0.53 0.00	38.33 0.48 0.00	38.28 0.33 0.00	37.01 0.16 0.00	40.19 0.39 0.00	51.22 1.36 0.00	53.20 1.83 0.00	49.54 1.74 0.00	50.80 1.73 0.00	51.17 1.69 0.00	42.17 1.24 0.00	38.28 1.05 0.00
HILLBURN___GT 23639	40.70 1.06 0.00	46.48 1.23 0.00	42.10 1.04 0.00	39.49 1.04 0.00	42.61 1.12 0.00	45.22 1.40 0.00	94.12 3.32 0.00	123.77 5.71 0.00	116.52 4.55 0.00	49.09 2.06 0.00	46.54 2.33 0.00	45.83 2.53 0.00	42.35 2.29 0.00	39.87 2.02 0.00	40.08 2.13 0.00	39.01 2.17 0.00	42.04 2.24 0.00	52.21 2.35 0.00	53.74 2.37 0.00	50.08 2.28 0.00	51.24 2.17 0.00	51.47 1.99 0.00	42.56 1.62 0.00	38.82 1.59 0.00
HILLSIDE_115KV_TB1 80332	39.02 -0.61 0.00	44.63 -0.63 0.00	40.36 -0.70 0.00	37.70 -0.75 0.00	40.99 -0.50 0.00	43.41 -0.40 0.00	89.42 -1.38 0.00	82.22 -4.98 30.87	-1.80 -6.87 106.89	44.85 -2.18 0.00	43.49 -0.72 0.00	43.00 -0.30 0.00	38.80 -1.26 0.00	36.17 -1.68 0.00	36.00 -1.94 0.00	34.89 -1.96 0.00	37.35 -2.46 0.00	34.82 -3.05 11.99	41.91 -2.64 6.82	42.38 -2.43 2.99	42.33 -2.57 4.17	41.45 -2.73 5.30	38.75 -2.19 0.00	35.62 -1.61 0.00

HISHELDN_WT_PWR 323625	38.95 -0.37 0.31	44.43 -0.38 0.44	40.05 -0.56 0.45	37.22 -0.90 0.33	40.78 -0.47 0.23	42.54 -0.83 0.45	85.80 -4.53 0.48	93.41 -7.13 17.53	43.77 -7.88 60.32	44.25 -2.78 0.00	42.42 -1.73 0.05	41.38 -1.92 0.00	37.86 -2.20 0.00	35.49 -2.35 0.00	35.19 -2.76 0.00	33.92 -2.93 0.00	35.92 -3.79 0.09	38.55 -4.47 6.85	43.21 -4.20 3.97	41.93 -3.99 1.89	42.26 -4.25 2.55	42.26 -4.12 3.09	37.72 -3.00 0.21	35.10 -2.00 0.13
HOLTSVILLE_IC_1 23690	40.41 0.78 0.00	46.51 1.25 0.00	42.09 1.04 0.00	39.52 1.07 0.00	42.47 0.99 0.00	43.93 0.62 0.52	92.30 1.50 0.00	117.33 3.46 4.20	96.34 2.55 18.17	48.39 1.36 0.00	45.87 1.75 0.09	45.36 2.06 0.00	41.99 1.92 0.00	39.40 1.55 0.00	39.71 1.76 0.00	38.66 1.81 0.00	41.42 1.62 0.00	51.38 1.52 0.00	51.00 1.24 1.61	49.22 1.41 0.00	50.67 1.60 0.00	50.59 1.11 0.00	41.88 0.94 0.00	38.53 1.30 0.00
HOLTSVILLE_IC_10 23699	40.59 0.96 0.00	46.69 1.44 0.00	42.26 1.20 0.00	39.66 1.21 0.00	42.63 1.14 0.00	44.12 0.81 0.51	92.74 1.94 0.00	117.94 4.05 4.17	97.02 3.12 18.06	48.62 1.59 0.00	46.08 1.95 0.08	45.52 2.22 0.00	42.13 2.07 0.00	39.52 1.66 0.00	39.83 1.89 0.00	38.80 1.95 0.00	41.58 1.78 0.00	51.61 1.75 0.00	51.28 1.49 1.59	49.47 1.67 0.00	50.93 1.86 0.00	50.81 1.34 0.00	42.05 1.12 0.00	38.68 1.45 0.00
HOLTSVILLE_IC_2 23691	40.41 0.78 0.00	46.51 1.25 0.00	42.09 1.04 0.00	39.52 1.07 0.00	42.47 0.99 0.00	43.93 0.62 0.52	92.30 1.50 0.00	117.33 3.46 4.20	96.34 2.55 18.17	48.39 1.36 0.00	45.87 1.75 0.09	45.36 2.06 0.00	41.99 1.92 0.00	39.40 1.55 0.00	39.71 1.76 0.00	38.66 1.81 0.00	41.42 1.62 0.00	51.38 1.52 0.00	51.00 1.24 1.61	49.22 1.41 0.00	50.67 1.60 0.00	50.59 1.11 0.00	41.88 0.94 0.00	38.53 1.30 0.00
HOLTSVILLE_IC_3 23692	40.41 0.78 0.00	46.51 1.25 0.00	42.09 1.04 0.00	39.52 1.07 0.00	42.47 0.99 0.00	43.93 0.62 0.52	92.30 1.50 0.00	117.33 3.46 4.20	96.34 2.55 18.17	48.39 1.36 0.00	45.87 1.75 0.09	45.36 2.06 0.00	41.99 1.92 0.00	39.40 1.55 0.00	39.71 1.76 0.00	38.66 1.81 0.00	41.42 1.62 0.00	51.38 1.52 0.00	51.00 1.24 1.61	49.22 1.41 0.00	50.67 1.60 0.00	50.59 1.11 0.00	41.88 0.94 0.00	38.53 1.30 0.00
HOLTSVILLE_IC_4 23693	40.41 0.78 0.00	46.51 1.25 0.00	42.09 1.04 0.00	39.52 1.07 0.00	42.47 0.99 0.00	43.93 0.62 0.52	92.30 1.50 0.00	117.33 3.46 4.20	96.34 2.55 18.17	48.39 1.36 0.00	45.87 1.75 0.09	45.36 2.06 0.00	41.99 1.92 0.00	39.40 1.55 0.00	39.71 1.76 0.00	38.66 1.81 0.00	41.42 1.62 0.00	51.38 1.52 0.00	51.00 1.24 1.61	49.22 1.41 0.00	50.67 1.60 0.00	50.59 1.11 0.00	41.88 0.94 0.00	38.53 1.30 0.00
HOLTSVILLE_IC_5 23694	40.41 0.78 0.00	46.51 1.25 0.00	42.09 1.04 0.00	39.52 1.07 0.00	42.47 0.99 0.00	43.93 0.62 0.52	92.30 1.50 0.00	117.33 3.46 4.20	96.34 2.55 18.17	48.39 1.36 0.00	45.87 1.75 0.09	45.36 2.06 0.00	41.99 1.92 0.00	39.40 1.55 0.00	39.71 1.76 0.00	38.66 1.81 0.00	41.42 1.62 0.00	51.38 1.52 0.00	51.00 1.24 1.61	49.22 1.41 0.00	50.67 1.60 0.00	50.59 1.11 0.00	41.88 0.94 0.00	38.53 1.30 0.00
HOLTSVILLE_IC_6 23695	40.59 0.96 0.00	46.69 1.44 0.00	42.26 1.20 0.00	39.66 1.21 0.00	42.63 1.14 0.00	44.12 0.81 0.51	92.74 1.94 0.00	117.94 4.05 4.17	97.02 3.12 18.06	48.62 1.59 0.00	46.08 1.95 0.08	45.52 2.22 0.00	42.13 2.07 0.00	39.52 1.66 0.00	39.83 1.89 0.00	38.80 1.95 0.00	41.58 1.78 0.00	51.61 1.75 0.00	51.28 1.49 1.59	49.47 1.67 0.00	50.93 1.86 0.00	50.81 1.34 0.00	42.05 1.12 0.00	38.68 1.45 0.00
HOLTSVILLE_IC_7 23696	40.59 0.96 0.00	46.69 1.44 0.00	42.26 1.20 0.00	39.66 1.21 0.00	42.63 1.14 0.00	44.12 0.81 0.51	92.74 1.94 0.00	117.94 4.05 4.17	97.02 3.12 18.06	48.62 1.59 0.00	46.08 1.95 0.08	45.52 2.22 0.00	42.13 2.07 0.00	39.52 1.66 0.00	39.83 1.89 0.00	38.80 1.95 0.00	41.58 1.78 0.00	51.61 1.75 0.00	51.28 1.49 1.59	49.47 1.67 0.00	50.93 1.86 0.00	50.81 1.34 0.00	42.05 1.12 0.00	38.68 1.45 0.00
HOLTSVILLE_IC_8 23697	40.59 0.96 0.00	46.69 1.44 0.00	42.26 1.20 0.00	39.66 1.21 0.00	42.63 1.14 0.00	44.12 0.81 0.51	92.74 1.94 0.00	117.94 4.05 4.17	97.02 3.12 18.06	48.62 1.59 0.00	46.08 1.95 0.08	45.52 2.22 0.00	42.13 2.07 0.00	39.52 1.66 0.00	39.83 1.89 0.00	38.80 1.95 0.00	41.58 1.78 0.00	51.61 1.75 0.00	51.28 1.49 1.59	49.47 1.67 0.00	50.93 1.86 0.00	50.81 1.34 0.00	42.05 1.12 0.00	38.68 1.45 0.00
HOLTSVILLE_IC_9 23698	40.59 0.96 0.00	46.69 1.44 0.00	42.26 1.20 0.00	39.66 1.21 0.00	42.63 1.14 0.00	44.12 0.81 0.51	92.74 1.94 0.00	117.94 4.05 4.17	97.02 3.12 18.06	48.62 1.59 0.00	46.08 1.95 0.08	45.52 2.22 0.00	42.13 2.07 0.00	39.52 1.66 0.00	39.83 1.89 0.00	38.80 1.95 0.00	41.58 1.78 0.00	51.61 1.75 0.00	51.28 1.49 1.59	49.47 1.67 0.00	50.93 1.86 0.00	50.81 1.34 0.00	42.05 1.12 0.00	38.68 1.45 0.00
HOMER_HL_115KV_TB2 355744	39.42 -0.22 0.00	45.18 -0.07 0.00	40.75 -0.30 0.00	37.81 -0.64 0.00	41.40 -0.09 0.00	43.71 -0.11 0.00	88.60 -2.21 0.00	96.74 -3.90 17.43	55.02 -4.57 52.38	45.75 -1.28 0.00	44.04 -0.18 0.00	42.95 -0.34 0.00	39.11 -0.95 0.00	36.57 -1.28 0.00	36.32 -1.63 0.00	35.07 -1.78 0.00	37.26 -2.54 0.00	41.08 -3.01 5.78	45.62 -2.65 3.11	44.11 -2.33 1.36	44.74 -2.42 1.91	44.68 -2.39 2.41	39.13 -1.81 0.00	36.03 -1.20 0.00
HOWARD_WT_PWR 323690	39.89 0.26 0.00	45.74 0.49 0.00	41.36 0.31 0.00	38.42 -0.03 0.00	41.85 0.36 0.00	44.18 0.37 0.00	89.96 -0.85 0.00	88.36 -2.82 26.89	-7.79 -4.67 115.09	45.25 -2.07 -0.30	43.31 -1.02 -0.12	42.24 -1.05 0.00	38.51 -1.55 0.00	36.10 -1.84 -0.10	35.75 -2.21 0.00	34.45 -2.39 0.00	37.30 -2.95 -0.45	34.19 -3.01 12.66	41.79 -2.61 6.97	43.07 -2.39 2.34	42.79 -2.80 3.48	41.01 -3.11 5.35	39.76 -2.17 -1.00	36.39 -1.46 -0.62
HQ_GEN_CEDARS 23644	41.07 1.43 0.00	46.86 1.61 0.00	42.51 1.46 0.00	39.72 1.27 0.00	42.89 1.40 0.00	45.18 1.35 0.00	93.23 2.43 0.00	119.75 1.69 0.00	349.04 3.45 -233.63	49.53 1.27 -1.23	45.36 1.15 0.00	44.35 1.05 0.00	41.06 1.00 0.00	38.89 1.04 0.00	38.94 0.99 0.00	37.75 0.90 0.00	40.60 0.80 0.00	50.97 1.11 0.00	52.24 0.87 0.00	48.93 1.13 0.00	50.30 1.23 0.00	50.87 1.39 0.00	42.20 1.27 0.00	38.31 1.09 0.00
HQ_GEN_CEDARS_PROXY 323590	41.06 1.43 0.00	46.86 1.61 0.00	42.51 1.46 0.00	39.72 1.27 0.00	42.89 1.40 0.00	45.17 1.36 0.00	94.40 2.42 -1.18	119.74 1.68 0.00	349.04 3.45 -233.63	49.52 1.27 -1.23	42.56 1.15 2.79	44.35 1.05 0.00	41.06 1.00 0.00	38.89 1.04 0.00	38.94 0.99 0.00	37.75 0.90 0.00	40.59 0.80 0.00	50.97 1.11 0.00	52.24 0.86 0.00	48.93 1.13 0.00	50.30 1.23 0.00	50.87 1.39 0.00	42.20 1.27 0.00	38.32 1.08 0.00

HQ_GEN_IMPORT 323601	40.11 0.48 0.00	45.78 0.52 0.00	41.53 0.48 0.00	38.86 0.40 0.00	41.93 0.45 0.00	45.32 0.40 -1.10	91.52 0.72 0.00	118.33 0.27 0.00	105.89 1.01 7.09	47.42 0.43 0.04	44.61 0.40 0.00	43.65 0.36 0.00	40.41 0.34 0.00	38.23 0.38 0.00	38.31 0.36 0.00	37.16 0.31 0.00	40.06 0.26 0.00	50.21 0.34 0.00	51.75 0.37 0.00	48.15 0.35 0.00	49.47 0.40 0.00	49.93 0.45 0.00	41.35 0.42 0.00	37.59 0.36 0.00
HQ_GEN_WHEEL 23651	40.11 0.48 0.00	45.78 0.52 0.00	41.53 0.48 0.00	38.86 0.40 0.00	41.93 0.45 0.00	45.32 0.40 -1.10	91.52 0.72 0.00	118.33 0.27 0.00	105.89 1.01 7.09	47.42 0.43 0.04	44.61 0.40 0.00	43.65 0.36 0.00	40.41 0.34 0.00	38.23 0.38 0.00	38.31 0.36 0.00	37.16 0.31 0.00	40.06 0.26 0.00	50.21 0.34 0.00	51.75 0.37 0.00	48.15 0.35 0.00	49.47 0.40 0.00	49.93 0.45 0.00	41.35 0.42 0.00	37.59 0.36 0.00
HUDSON AVE_GT_3 23810	40.95 1.32 0.00	46.72 1.47 0.00	42.32 1.27 0.00	39.71 1.26 0.00	42.83 1.34 0.00	45.45 1.63 0.00	94.54 3.74 0.00	124.63 6.57 0.00	117.33 5.36 0.00	49.62 2.59 0.00	47.07 2.87 0.00	46.33 3.03 0.00	42.84 2.78 0.00	40.35 2.50 0.00	40.54 2.58 0.00	39.46 2.61 0.00	42.52 2.72 0.00	52.73 2.87 0.00	54.23 2.86 0.00	50.52 2.71 0.00	51.66 2.59 0.00	51.85 2.38 0.00	42.85 1.92 0.00	39.07 1.85 0.00
HUDSON AVE_GT_4 23540	40.95 1.32 0.00	46.72 1.47 0.00	42.32 1.27 0.00	39.71 1.26 0.00	42.83 1.34 0.00	45.45 1.63 0.00	94.54 3.74 0.00	124.63 6.57 0.00	117.33 5.36 0.00	49.62 2.59 0.00	47.07 2.87 0.00	46.33 3.03 0.00	42.84 2.78 0.00	40.35 2.50 0.00	40.54 2.58 0.00	39.46 2.61 0.00	42.52 2.72 0.00	52.73 2.87 0.00	54.23 2.86 0.00	50.52 2.71 0.00	51.66 2.59 0.00	51.85 2.38 0.00	42.85 1.92 0.00	39.07 1.85 0.00
HUDSON AVE_GT_5 23657	40.95 1.32 0.00	46.72 1.47 0.00	42.32 1.27 0.00	39.71 1.26 0.00	42.83 1.34 0.00	45.45 1.63 0.00	94.54 3.74 0.00	124.63 6.57 0.00	117.33 5.36 0.00	49.62 2.59 0.00	47.07 2.87 0.00	46.33 3.03 0.00	42.84 2.78 0.00	40.35 2.50 0.00	40.54 2.58 0.00	39.46 2.61 0.00	42.52 2.72 0.00	52.73 2.87 0.00	54.23 2.86 0.00	50.52 2.71 0.00	51.66 2.59 0.00	51.85 2.38 0.00	42.85 1.92 0.00	39.07 1.85 0.00
HUDSON_AVE_10 24168	40.72 1.09 0.00	46.48 1.22 0.00	42.10 1.05 0.00	39.50 1.05 0.00	42.60 1.11 0.00	45.23 1.40 0.00	94.10 3.30 0.00	123.99 5.93 0.00	116.68 4.72 0.00	49.30 2.28 0.01	46.80 2.59 0.00	46.06 2.76 0.00	42.57 2.52 0.00	40.12 2.27 0.00	40.30 2.35 0.00	39.24 2.39 0.00	42.28 2.49 0.00	52.42 2.57 0.01	53.91 2.54 0.01	50.25 2.45 0.00	51.41 2.34 0.00	51.59 2.12 0.00	42.64 1.71 0.00	38.89 1.66 0.00
HUDSON___115KV_TB 4 355613	40.22 0.59 0.00	45.90 0.65 0.00	41.71 0.66 0.00	39.13 0.68 0.00	42.12 0.63 0.00	44.65 0.83 0.00	92.97 2.16 0.00	121.48 3.41 0.00	114.60 2.64 0.00	47.67 0.64 0.00	44.46 0.25 0.00	43.65 0.35 0.00	40.53 0.47 0.00	38.26 0.41 0.00	38.52 0.57 0.00	37.49 0.64 0.00	40.79 0.99 0.00	51.30 1.44 0.00	52.93 1.56 0.00	49.26 1.46 0.00	50.51 1.44 0.00	50.72 1.25 0.00	41.82 0.88 0.00	37.93 0.70 0.00
HUNTER MOUNT___DRP 323613	40.35 0.72 0.00	46.04 0.78 0.00	41.83 0.78 0.00	39.25 0.79 0.00	42.24 0.75 0.00	44.79 0.97 0.00	93.35 2.55 0.00	121.97 3.90 0.00	115.08 3.12 0.00	47.82 0.79 0.00	44.49 0.28 0.00	43.68 0.38 0.00	40.62 0.56 0.00	38.31 0.45 0.00	38.54 0.59 0.00	37.52 0.67 0.00	40.88 1.08 0.00	51.50 1.64 0.00	53.16 1.78 0.00	49.43 1.63 0.00	50.69 1.62 0.00	50.89 1.41 0.00	41.95 1.01 0.00	38.01 0.78 0.00
HUNTINGTON_RES_REC 323705	40.43 0.79 0.00	46.45 1.20 0.00	42.05 1.00 0.00	39.46 1.01 0.00	42.39 0.90 0.00	43.87 0.55 0.51	92.05 1.24 0.00	117.06 3.16 4.16	96.28 2.30 17.99	48.42 1.40 0.00	45.96 1.83 0.07	45.47 2.17 0.00	42.05 1.99 0.00	39.49 1.64 0.00	39.75 1.81 0.00	38.61 1.76 0.00	41.34 1.54 0.00	51.36 1.50 0.00	51.11 1.32 1.58	49.25 1.45 0.00	50.64 1.57 0.00	50.56 1.08 0.00	41.80 0.87 0.00	38.39 1.16 0.00
HUNTLEY___63 23557	39.36 -0.28 0.00	44.89 -0.36 0.00	40.48 -0.57 0.00	37.47 -0.98 0.00	41.07 -0.41 0.00	42.90 -0.92 0.00	85.18 -5.63 0.00	97.35 -7.77 12.94	61.10 -7.72 43.14	44.57 -2.46 0.00	42.79 -1.42 0.00	41.47 -1.82 0.00	37.91 -2.15 0.00	35.52 -2.33 0.00	35.22 -2.73 0.00	33.93 -2.92 0.00	35.89 -3.91 0.00	40.31 -4.77 4.78	44.10 -4.65 2.63	42.20 -4.45 1.15	42.91 -4.57 1.59	43.24 -4.21 2.03	37.89 -3.04 0.00	35.38 -1.85 0.00
HUNTLEY___64 23558	39.36 -0.28 0.00	44.89 -0.36 0.00	40.48 -0.57 0.00	37.47 -0.98 0.00	41.07 -0.41 0.00	42.90 -0.92 0.00	85.18 -5.63 0.00	97.35 -7.77 12.94	61.10 -7.72 43.14	44.57 -2.46 0.00	42.79 -1.42 0.00	41.47 -1.82 0.00	37.91 -2.15 0.00	35.52 -2.33 0.00	35.22 -2.73 0.00	33.93 -2.92 0.00	35.89 -3.91 0.00	40.31 -4.77 4.78	44.10 -4.65 2.63	42.20 -4.45 1.15	42.91 -4.57 1.59	43.24 -4.21 2.03	37.89 -3.04 0.00	35.38 -1.85 0.00
HUNTLEY___65 23559	39.36 -0.28 0.00	44.89 -0.36 0.00	40.48 -0.57 0.00	37.47 -0.98 0.00	41.07 -0.41 0.00	42.90 -0.92 0.00	85.18 -5.63 0.00	97.35 -7.77 12.94	61.10 -7.72 43.14	44.57 -2.46 0.00	42.79 -1.42 0.00	41.47 -1.82 0.00	37.91 -2.15 0.00	35.52 -2.33 0.00	35.22 -2.73 0.00	33.93 -2.92 0.00	35.89 -3.91 0.00	40.31 -4.77 4.78	44.10 -4.65 2.63	42.20 -4.45 1.15	42.91 -4.57 1.59	43.24 -4.21 2.03	37.89 -3.04 0.00	35.38 -1.85 0.00
HUNTLEY___66 23560	39.36 -0.28 0.00	44.89 -0.36 0.00	40.48 -0.57 0.00	37.47 -0.98 0.00	41.07 -0.41 0.00	42.90 -0.92 0.00	85.18 -5.63 0.00	97.35 -7.77 12.94	61.10 -7.72 43.14	44.57 -2.46 0.00	42.79 -1.42 0.00	41.47 -1.82 0.00	37.91 -2.15 0.00	35.52 -2.33 0.00	35.22 -2.73 0.00	33.93 -2.92 0.00	35.89 -3.91 0.00	40.31 -4.77 4.78	44.10 -4.65 2.63	42.20 -4.45 1.15	42.91 -4.57 1.59	43.24 -4.21 2.03	37.89 -3.04 0.00	35.38 -1.85 0.00
HUNTLEY___67 23561	39.10 -0.53 0.00	44.62 -0.63 0.00	40.22 -0.83 0.00	37.23 -1.22 0.00	40.80 -0.69 0.00	42.63 -1.19 0.00	84.86 -5.94 0.00	96.49 -8.36 13.21	59.47 -8.52 43.97	44.35 -2.68 0.00	42.61 -1.60 0.00	41.35 -1.94 0.00	37.82 -2.25 0.00	35.42 -2.43 0.00	35.10 -2.85 0.00	33.85 -3.00 0.00	35.82 -3.99 0.00	40.01 -4.98 4.87	43.84 -4.87 2.67	42.00 -4.64 1.17	42.69 -4.76 1.62	42.97 -4.43 2.07	37.71 -3.23 0.00	35.12 -2.11 0.00
HUNTLEY___68 23562	39.10 -0.53 0.00	44.62 -0.63 0.00	40.22 -0.83 0.00	37.23 -1.22 0.00	40.80 -0.69 0.00	42.63 -1.19 0.00	84.86 -5.94 0.00	96.49 -8.36 13.21	59.47 -8.52 43.97	44.35 -2.68 0.00	42.61 -1.60 0.00	41.35 -1.94 0.00	37.82 -2.25 0.00	35.42 -2.43 0.00	35.10 -2.85 0.00	33.85 -3.00 0.00	35.82 -3.99 0.00	40.01 -4.98 4.87	43.84 -4.87 2.67	42.00 -4.64 1.17	42.69 -4.76 1.62	42.97 -4.43 2.07	37.71 -3.23 0.00	35.12 -2.11 0.00

HYLAND___LFGE 323620	41.38 1.75 0.00	47.24 1.99 0.00	42.72 1.66 0.00	39.67 1.22 0.00	43.06 1.58 0.00	44.97 1.15 0.00	91.28 0.47 0.00	102.17 0.19 16.09	46.86 -0.94 64.16	45.94 -1.22 -0.13	42.75 -1.46 0.00	41.64 -1.66 0.00	38.18 -1.88 0.00	35.78 -2.11 -0.04	35.49 -2.46 0.00	34.31 -2.53 0.00	36.96 -3.00 -0.16	40.13 -2.68 7.05	46.51 -1.02 3.84	45.62 -0.76 1.42	46.05 -0.96 2.06	46.44 -0.08 2.96	41.68 0.38 -0.36	38.17 0.72 -0.22
INDECK___CORINTH 23802	40.32 0.68 0.00	46.03 0.78 0.00	41.98 0.93 0.00	39.37 0.92 0.00	42.24 0.76 0.00	44.73 0.91 0.00	93.74 2.93 0.00	121.68 3.62 0.00	114.79 2.82 0.00	47.96 0.94 0.00	45.02 0.81 0.00	44.27 0.97 0.00	41.04 0.97 0.00	38.83 0.98 0.00	38.95 1.00 0.00	37.86 1.01 0.00	41.10 1.30 0.00	51.72 1.86 0.00	53.14 1.77 0.00	49.47 1.67 0.00	50.79 1.72 0.00	50.85 1.37 0.00	41.94 1.01 0.00	38.00 0.77 0.00
INDECK___ILION 23567	40.40 0.76 0.00	46.13 0.88 0.00	41.85 0.80 0.00	39.25 0.80 0.00	42.33 0.84 0.00	44.84 1.02 0.00	93.25 2.44 0.00	121.67 3.61 0.00	114.55 2.59 0.00	47.69 0.66 0.00	44.69 0.48 0.00	43.86 0.57 0.00	40.78 0.72 0.00	38.37 0.52 0.00	38.36 0.41 0.00	37.28 0.43 0.00	40.55 0.75 0.00	51.21 1.35 0.00	52.90 1.52 0.00	49.19 1.39 0.00	50.47 1.40 0.00	50.78 1.31 0.00	41.84 0.90 0.00	37.93 0.70 0.00
INDECK___OLEAN 23982	38.38 -0.21 1.04	43.76 -0.04 1.46	39.28 -0.29 1.49	36.72 -0.64 1.09	40.62 -0.09 0.77	42.21 -0.11 1.51	87.06 -2.15 1.59	86.47 -3.94 27.65	53.22 -4.75 54.00	45.37 -1.28 0.38	43.76 -0.17 0.28	42.95 -0.34 0.00	39.09 -0.97 0.00	36.43 -1.29 0.13	36.32 -1.64 0.00	35.08 -1.77 0.00	36.45 -2.55 0.80	40.03 -2.98 6.85	43.76 -2.64 4.97	42.04 -2.29 3.47	42.41 -2.40 4.27	43.13 -2.38 3.97	37.36 -1.78 1.80	34.92 -1.20 1.11
INDECK___OSWEGO 23783	38.62 -1.02 0.00	44.05 -1.20 0.00	39.95 -1.10 0.00	37.42 -1.03 0.00	40.45 -1.04 0.00	42.77 -1.05 0.00	88.60 -2.20 0.00	115.67 -2.39 0.00	114.98 -2.75 -5.77	45.81 -1.24 -0.03	42.90 -1.31 0.00	41.95 -1.35 0.00	38.77 -1.29 0.00	36.61 -1.24 0.00	36.63 -1.32 0.00	35.41 -1.43 0.00	38.22 -1.58 0.00	48.04 -1.82 0.00	49.59 -1.79 0.00	46.12 -1.68 0.00	47.32 -1.75 0.00	47.81 -1.67 0.00	39.74 -1.20 0.00	36.24 -0.99 0.00
INDECK___YERKES 23781	38.70 -0.23 0.71	43.96 -0.31 0.99	39.51 -0.53 1.01	36.76 -0.94 0.74	40.59 -0.37 0.53	41.93 -0.87 1.03	84.23 -5.49 1.09	90.69 -7.69 19.69	60.10 -7.81 44.06	44.40 -2.42 0.21	42.65 -1.39 0.17	41.51 -1.79 0.00	37.94 -2.12 0.00	35.47 -2.30 0.07	35.25 -2.70 0.00	33.96 -2.89 0.00	35.47 -3.87 0.46	39.77 -4.70 5.39	43.11 -4.59 3.68	41.08 -4.37 2.35	41.65 -4.49 2.93	42.40 -4.16 2.92	36.95 -2.97 1.02	34.79 -1.82 0.63
INDIAN POINT_GT_1 24139	40.63 1.00 0.00	46.41 1.16 0.00	42.03 0.98 0.00	39.44 0.99 0.00	42.54 1.05 0.00	45.11 1.29 0.00	93.83 3.02 0.00	123.43 5.37 0.00	116.21 4.25 0.00	49.01 1.98 0.00	46.45 2.24 0.00	45.72 2.43 0.00	42.27 2.21 0.00	39.81 1.96 0.00	40.01 2.06 0.00	38.95 2.10 0.00	41.99 2.19 0.00	52.14 2.28 0.00	53.65 2.28 0.00	49.98 2.18 0.00	51.14 2.06 0.00	51.36 1.88 0.00	42.47 1.53 0.00	38.73 1.50 0.00
INDIAN POINT_GT_2 23659	40.63 1.00 0.00	46.41 1.16 0.00	42.03 0.98 0.00	39.44 0.99 0.00	42.54 1.05 0.00	45.11 1.29 0.00	93.83 3.02 0.00	123.43 5.37 0.00	116.21 4.25 0.00	49.01 1.98 0.00	46.45 2.24 0.00	45.72 2.43 0.00	42.27 2.21 0.00	39.81 1.96 0.00	40.01 2.06 0.00	38.95 2.10 0.00	41.99 2.19 0.00	52.14 2.28 0.00	53.65 2.28 0.00	49.98 2.18 0.00	51.14 2.06 0.00	51.36 1.88 0.00	42.47 1.53 0.00	38.73 1.50 0.00
INDIAN POINT_GT_3 24019	40.63 1.00 0.00	46.41 1.16 0.00	42.03 0.98 0.00	39.44 0.99 0.00	42.54 1.05 0.00	45.11 1.29 0.00	93.83 3.02 0.00	123.43 5.37 0.00	116.21 4.25 0.00	49.01 1.98 0.00	46.45 2.24 0.00	45.72 2.43 0.00	42.27 2.21 0.00	39.81 1.96 0.00	40.01 2.06 0.00	38.95 2.10 0.00	41.99 2.19 0.00	52.14 2.28 0.00	53.65 2.28 0.00	49.98 2.18 0.00	51.14 2.06 0.00	51.36 1.88 0.00	42.47 1.53 0.00	38.73 1.50 0.00
INDIAN POINT___2 23530	40.62 0.98 0.00	46.39 1.14 0.00	42.02 0.97 0.00	39.42 0.97 0.00	42.51 1.03 0.00	45.10 1.28 0.00	93.84 3.03 0.00	123.41 5.34 0.00	116.21 4.24 0.00	48.99 1.96 0.00	46.43 2.23 0.00	45.71 2.41 0.00	42.25 2.18 0.00	39.79 1.94 0.00	39.99 2.04 0.00	38.93 2.08 0.00	41.96 2.16 0.00	52.09 2.23 0.00	53.60 2.23 0.00	49.94 2.14 0.00	51.11 2.04 0.00	51.33 1.86 0.00	42.45 1.51 0.00	38.73 1.50 0.00
INDIAN POINT___3 23531	40.62 0.99 0.00	46.39 1.14 0.00	42.02 0.97 0.00	39.43 0.98 0.00	42.52 1.03 0.00	45.10 1.28 0.00	93.78 2.98 0.00	123.38 5.31 0.00	116.11 4.15 0.00	48.99 1.96 0.00	46.42 2.21 0.00	45.70 2.40 0.00	42.25 2.18 0.00	39.78 1.93 0.00	39.99 2.04 0.00	38.93 2.08 0.00	41.96 2.16 0.00	52.10 2.24 0.00	53.60 2.23 0.00	49.94 2.13 0.00	51.10 2.03 0.00	51.33 1.85 0.00	42.45 1.51 0.00	38.71 1.48 0.00
INGHAM_C_115KV_TB7 356103	41.39 1.76 0.00	47.26 2.01 0.00	42.91 1.85 0.00	40.27 1.82 0.00	43.41 1.93 0.00	46.11 2.29 0.00	96.14 5.34 0.00	125.60 7.54 0.00	117.57 5.61 0.00	48.41 1.38 0.00	45.16 0.95 0.00	44.43 1.14 0.00	41.60 1.54 0.00	38.92 1.07 0.00	38.77 0.82 0.00	37.68 0.83 0.00	41.33 1.53 0.00	52.74 2.87 0.00	54.68 3.31 0.00	50.82 3.01 0.00	52.12 3.05 0.00	52.38 2.90 0.00	42.99 2.05 0.00	38.88 1.65 0.00
IP CORINTH___1 23988	40.56 0.92 0.00	46.30 1.05 0.00	42.21 1.16 0.00	39.58 1.13 0.00	42.49 1.00 0.00	44.99 1.17 0.00	94.28 3.48 0.00	122.36 4.30 0.00	115.45 3.48 0.00	48.24 1.21 0.00	45.29 1.08 0.00	44.51 1.22 0.00	41.26 1.20 0.00	39.03 1.18 0.00	39.16 1.21 0.00	38.07 1.22 0.00	41.32 1.53 0.00	52.00 2.14 0.00	53.44 2.07 0.00	49.74 1.93 0.00	51.06 1.99 0.00	51.13 1.66 0.00	42.19 1.25 0.00	38.21 0.98 0.00
IP___TICONDEROGA 23804	42.26 2.63 0.00	48.07 2.82 0.00	44.02 2.97 0.00	41.31 2.86 0.00	44.12 2.63 0.00	47.03 3.21 0.00	99.79 8.98 0.00	128.00 9.93 0.00	120.79 8.83 0.00	50.23 3.20 0.00	47.20 2.99 0.00	46.77 3.47 0.00	43.52 3.45 0.00	41.13 3.28 0.00	41.27 3.32 0.00	40.13 3.28 0.00	43.45 3.65 0.00	54.96 5.10 0.00	56.32 4.95 0.00	52.56 4.76 0.00	53.91 4.84 0.00	53.49 4.01 0.00	43.92 2.99 0.00	39.86 2.63 0.00
ISLIP_RES_REC 323679	40.72 1.09 0.00	46.84 1.59 0.00	42.39 1.33 0.00	39.79 1.34 0.00	42.78 1.29 0.00	44.28 0.97 0.50	93.15 2.35 0.00	118.54 4.63 4.16	97.65 3.67 17.99	48.84 1.81 0.00	46.27 2.13 0.07	45.69 2.39 0.00	42.27 2.21 0.00	39.64 1.79 0.00	39.97 2.02 0.00	38.95 2.10 0.00	41.75 1.96 0.00	51.87 2.01 0.00	51.57 1.78 1.58	49.72 1.92 0.00	51.18 2.11 0.00	51.04 1.57 0.00	42.22 1.29 0.00	38.83 1.60 0.00

JAMAICA__27_KV_LOAD 355505	40.78 1.15 0.00	46.58 1.33 0.00	42.20 1.15 0.00	39.57 1.12 0.00	42.71 1.22 0.00	45.38 1.56 0.00	94.40 3.60 0.00	124.28 6.22 0.00	116.83 4.87 0.00	49.32 2.30 0.01	46.83 2.62 0.00	46.06 2.76 0.00	42.59 2.53 0.00	40.15 2.30 0.00	40.30 2.35 0.00	39.27 2.42 0.00	42.30 2.51 0.00	52.44 2.58 0.01	53.92 2.56 0.01	50.38 2.58 0.00	51.60 2.52 0.00	51.76 2.28 0.00	42.78 1.84 0.00	39.03 1.80 0.00
JANIS__SOLAR 323808	41.34 1.50 -0.21	47.28 1.73 -0.29	42.89 1.54 -0.29	40.11 1.45 -0.22	43.43 1.78 -0.15	46.27 2.15 -0.30	95.99 4.87 -0.32	153.93 7.03 -28.84	205.02 5.13 -87.92	48.35 1.22 -0.10	45.12 0.86 -0.05	43.85 0.56 0.00	40.38 0.32 0.00	38.01 0.12 -0.03	37.98 0.03 0.00	36.93 0.08 0.00	40.58 0.60 -0.18	62.35 1.72 -10.77	61.82 2.34 -8.11	53.78 2.13 -3.85	55.83 2.13 -4.63	57.88 2.09 -6.32	42.97 1.62 -0.41	38.90 1.42 -0.25
JARVIS____ 23743	39.63 0.00 0.00	45.25 0.00 0.00	41.07 0.02 0.00	38.49 0.04 0.00	41.53 0.04 0.00	43.89 0.07 0.00	91.03 0.23 0.00	118.64 0.58 0.00	112.19 0.22 0.00	47.09 0.06 0.00	44.25 0.04 0.00	43.35 0.06 0.00	40.13 0.07 0.00	37.89 0.05 0.00	38.00 0.06 0.00	36.92 0.07 0.00	39.92 0.13 0.00	50.02 0.16 0.00	51.54 0.16 0.00	47.95 0.14 0.00	49.22 0.15 0.00	49.58 0.11 0.00	41.00 0.07 0.00	37.28 0.05 0.00
JENNISON____1 23625	40.99 1.35 0.00	46.90 1.65 0.00	42.61 1.56 0.00	39.93 1.48 0.00	43.23 1.75 0.00	45.98 2.16 0.00	95.67 4.86 0.00	131.66 7.11 -6.49	139.29 5.43 -21.90	48.98 1.95 0.00	45.92 1.71 0.00	44.76 1.46 0.00	41.25 1.19 0.00	38.79 0.95 0.00	38.77 0.82 0.00	37.70 0.85 0.00	41.11 1.32 0.00	54.88 2.12 -2.89	55.81 2.15 -2.28	50.53 1.73 -1.00	51.98 1.92 -0.99	53.24 2.00 -1.77	42.56 1.62 0.00	38.63 1.40 0.00
JENNISON____2 23626	40.99 1.35 0.00	46.90 1.65 0.00	42.61 1.56 0.00	39.93 1.48 0.00	43.23 1.75 0.00	45.98 2.16 0.00	95.67 4.86 0.00	131.66 7.11 -6.49	139.29 5.43 -21.90	48.98 1.95 0.00	45.92 1.71 0.00	44.76 1.46 0.00	41.25 1.19 0.00	38.79 0.95 0.00	38.77 0.82 0.00	37.70 0.85 0.00	41.11 1.32 0.00	54.88 2.12 -2.89	55.81 2.15 -2.28	50.53 1.73 -1.00	51.98 1.92 -0.99	53.24 2.00 -1.77	42.56 1.62 0.00	38.63 1.40 0.00
JERICOHO_RISE_WT_PWR 323719	40.57 0.93 0.00	46.30 1.05 0.00	42.02 0.97 0.00	39.30 0.85 0.00	42.33 0.85 0.00	44.50 0.67 0.00	91.70 0.89 0.00	118.34 0.28 0.00	125.68 1.41 -12.30	47.70 0.61 -0.06	44.81 0.60 0.00	43.84 0.54 0.00	40.59 0.53 0.00	38.46 0.61 0.00	38.53 0.58 0.00	37.31 0.46 0.00	40.06 0.26 0.00	50.30 0.44 0.00	51.76 0.39 0.00	48.20 0.40 0.00	49.52 0.45 0.00	50.03 0.56 0.00	41.61 0.67 0.00	37.82 0.59 0.00
KATONAH__115KV_46KV_TB4 355592	40.81 1.17 0.00	46.60 1.35 0.00	42.22 1.17 0.00	39.61 1.16 0.00	42.72 1.24 0.00	45.32 1.50 0.00	94.25 3.44 0.00	124.04 5.98 0.00	116.82 4.85 0.00	49.30 2.27 0.00	46.69 2.48 0.00	45.93 2.63 0.00	42.45 2.39 0.00	40.00 2.15 0.00	40.19 2.24 0.00	39.12 2.27 0.00	42.19 2.39 0.00	52.40 2.54 0.00	53.95 2.58 0.00	50.25 2.44 0.00	51.40 2.33 0.00	51.62 2.14 0.00	42.65 1.71 0.00	38.86 1.64 0.00
KCE_NY_1 323755	40.82 1.19 0.00	46.59 1.34 0.00	42.37 1.31 0.00	39.71 1.26 0.00	42.74 1.26 0.00	45.28 1.46 0.00	94.48 3.68 0.00	122.86 4.79 0.00	116.03 4.07 0.00	48.54 1.51 0.00	45.54 1.33 0.00	44.65 1.36 0.00	41.36 1.30 0.00	39.17 1.32 0.00	39.34 1.38 0.00	38.25 1.40 0.00	41.55 1.75 0.00	52.16 2.30 0.00	53.70 2.33 0.00	49.91 2.11 0.00	51.17 2.10 0.00	51.39 1.91 0.00	42.39 1.45 0.00	38.42 1.18 0.00
KCE_NY_6_ESR 323823	38.66 -0.18 0.80	43.92 -0.21 1.12	39.48 -0.44 1.14	36.76 -0.85 0.84	40.56 -0.34 0.59	41.96 -0.71 1.16	84.96 -4.62 1.22	89.22 -6.90 21.94	56.17 -7.37 48.42	44.58 -2.21 0.24	42.85 -1.16 0.19	41.78 -1.51 0.00	38.23 -1.83 0.00	35.71 -2.06 0.08	35.46 -2.50 0.00	34.21 -2.64 0.00	35.69 -3.58 0.52	39.57 -4.35 5.94	43.13 -4.17 4.07	41.23 -3.95 2.62	41.70 -4.09 3.28	42.41 -3.84 3.23	37.02 -2.75 1.17	34.73 -1.78 0.72
KEDC PORT_JEFF_GT2 24210	40.51 0.88 0.00	46.61 1.36 0.00	42.17 1.12 0.00	39.59 1.14 0.00	42.56 1.07 0.00	44.05 0.73 0.51	92.53 1.73 0.00	117.69 3.80 4.18	96.74 2.87 18.09	48.53 1.51 0.00	46.00 1.87 0.08	45.45 2.15 0.00	42.06 1.99 0.00	39.43 1.58 0.00	39.74 1.80 0.00	38.70 1.85 0.00	41.45 1.65 0.00	51.40 1.54 0.00	51.04 1.27 1.60	49.29 1.49 0.00	50.76 1.68 0.00	50.62 1.15 0.00	41.90 0.97 0.00	38.58 1.34 0.00
KEDC PORT_JEFF_GT3 24211	40.51 0.88 0.00	46.61 1.36 0.00	42.17 1.12 0.00	39.59 1.14 0.00	42.56 1.07 0.00	44.05 0.73 0.51	92.53 1.73 0.00	117.69 3.80 4.18	96.74 2.87 18.09	48.53 1.51 0.00	46.00 1.87 0.08	45.45 2.15 0.00	42.06 1.99 0.00	39.43 1.58 0.00	39.74 1.80 0.00	38.70 1.85 0.00	41.45 1.65 0.00	51.40 1.54 0.00	51.04 1.27 1.60	49.29 1.49 0.00	50.76 1.68 0.00	50.62 1.15 0.00	41.90 0.97 0.00	38.58 1.34 0.00
KEDC_GLWD_GT4 24219	40.90 1.27 0.00	46.78 1.53 0.00	42.34 1.29 0.00	39.74 1.29 0.00	42.80 1.31 0.00	45.04 1.37 0.15	93.90 3.09 0.00	121.44 5.50 2.13	107.27 4.52 9.22	49.33 2.29 0.00	47.03 2.65 -0.17	46.14 2.84 0.00	42.66 2.60 0.00	40.14 2.29 0.00	40.37 2.42 0.00	39.24 2.39 0.00	42.21 2.41 0.00	52.43 2.56 0.00	53.35 2.50 0.52	50.23 2.42 0.00	51.46 2.39 0.00	51.57 2.09 0.00	42.63 1.69 0.00	38.93 1.70 0.00
KEDC_GLWD_GT5 24220	40.90 1.27 0.00	46.78 1.53 0.00	42.34 1.29 0.00	39.74 1.29 0.00	42.80 1.31 0.00	45.04 1.37 0.15	93.90 3.09 0.00	121.44 5.50 2.13	107.27 4.52 9.22	49.33 2.29 0.00	47.03 2.65 -0.17	46.14 2.84 0.00	42.66 2.60 0.00	40.14 2.29 0.00	40.37 2.42 0.00	39.24 2.39 0.00	42.21 2.41 0.00	52.43 2.56 0.00	53.35 2.50 0.52	50.23 2.42 0.00	51.46 2.39 0.00	51.57 2.09 0.00	42.63 1.69 0.00	38.93 1.70 0.00
KENSICO____ 23655	40.70 1.07 0.00	46.50 1.25 0.00	42.10 1.05 0.00	39.52 1.07 0.00	42.60 1.11 0.00	45.18 1.36 0.00	93.95 3.14 0.00	123.66 5.59 0.00	116.45 4.48 0.00	49.15 2.12 0.00	46.59 2.38 0.00	45.86 2.56 0.00	42.40 2.34 0.00	39.93 2.08 0.00	40.14 2.19 0.00	39.07 2.21 0.00	42.10 2.30 0.00	52.26 2.40 0.00	53.76 2.39 0.00	50.08 2.28 0.00	51.25 2.18 0.00	51.46 1.98 0.00	42.55 1.61 0.00	38.80 1.57 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	41.07 1.44 0.00	46.92 1.67 0.00	42.50 1.44 0.00	39.88 1.43 0.00	43.03 1.55 0.00	45.67 1.85 0.00	95.09 4.29 0.00	125.05 6.99 0.00	117.53 5.56 0.00	49.30 2.27 0.00	46.46 2.25 0.00	45.53 2.23 0.00	42.01 1.95 0.00	39.29 1.44 0.00	39.46 1.51 0.00	38.49 1.64 0.00	41.69 1.89 0.00	52.10 2.23 0.00	53.77 2.40 0.00	50.12 2.32 0.00	51.33 2.26 0.00	51.93 2.45 0.00	42.91 1.98 0.00	39.06 1.83 0.00

KIAC_JFK_GT1 23816	40.55 0.92 0.00	46.31 1.06 0.00	41.98 0.92 0.00	39.36 0.91 0.00	42.46 0.97 0.00	45.08 1.26 0.00	93.77 2.96 0.00	123.42 5.35 0.00	116.04 4.08 0.00	48.90 1.88 0.01	46.54 2.34 0.00	45.81 2.52 0.00	42.36 2.30 0.00	39.93 2.08 0.00	40.09 2.14 0.00	39.01 2.16 0.00	41.91 2.12 0.00	51.94 2.09 0.01	53.39 2.03 0.01	49.89 2.09 0.00	51.08 2.01 0.00	51.26 1.78 0.00	42.37 1.43 0.00	38.80 1.57 0.00
KIAC_JFK_GT2 23817	40.55 0.92 0.00	46.31 1.06 0.00	41.98 0.92 0.00	39.36 0.91 0.00	42.46 0.97 0.00	45.08 1.26 0.00	93.77 2.96 0.00	123.42 5.35 0.00	116.04 4.08 0.00	48.90 1.88 0.01	46.54 2.34 0.00	45.81 2.52 0.00	42.36 2.30 0.00	39.93 2.08 0.00	40.09 2.14 0.00	39.01 2.16 0.00	41.91 2.12 0.00	51.94 2.09 0.01	53.39 2.03 0.01	49.89 2.09 0.00	51.08 2.01 0.00	51.26 1.78 0.00	42.37 1.43 0.00	38.80 1.57 0.00
KIAC_JFK____ 323774	40.54 0.90 0.00	46.31 1.06 0.00	41.97 0.92 0.00	39.35 0.90 0.00	42.46 0.97 0.00	45.08 1.26 0.00	93.76 2.95 0.00	123.41 5.34 0.00	116.07 4.10 0.00	48.91 1.88 0.01	46.55 2.34 0.00	45.81 2.51 0.00	42.36 2.30 0.00	39.93 2.08 0.00	40.09 2.14 0.00	39.00 2.16 0.00	41.92 2.12 0.00	51.93 2.08 0.01	53.39 2.03 0.01	49.88 2.08 0.00	51.08 2.01 0.00	51.25 1.77 0.00	42.36 1.42 0.00	38.79 1.57 0.00
KINTIGH__24_KV_GSU 356498	38.49 -0.53 0.61	43.77 -0.63 0.85	39.39 -0.79 0.87	36.68 -1.13 0.64	40.39 -0.64 0.45	41.84 -1.10 0.88	84.60 -5.28 0.93	94.09 -7.29 16.68	67.31 -7.49 37.16	44.51 -2.33 0.19	42.66 -1.40 0.15	41.58 -1.72 0.00	38.06 -2.00 0.00	35.62 -2.16 0.06	35.43 -2.52 0.00	34.19 -2.66 0.00	35.88 -3.53 0.39	40.95 -4.37 4.55	43.98 -4.27 3.13	41.76 -4.05 2.00	42.43 -4.16 2.49	43.12 -3.87 2.49	37.25 -2.82 0.87	34.85 -1.84 0.54
KINTIGH____ 23543	39.07 -0.56 0.00	44.59 -0.66 0.00	40.22 -0.83 0.00	37.28 -1.17 0.00	40.81 -0.68 0.00	42.69 -1.14 0.00	85.41 -5.39 0.00	99.86 -7.37 10.83	68.09 -7.49 36.39	44.66 -2.36 0.00	42.79 -1.42 0.00	41.55 -1.75 0.00	38.04 -2.03 0.00	35.67 -2.19 0.00	35.41 -2.54 0.00	34.16 -2.69 0.00	36.26 -3.54 0.00	41.42 -4.41 4.03	44.82 -4.32 2.23	42.71 -4.12 0.98	43.51 -4.22 1.34	43.83 -3.91 1.73	38.07 -2.87 0.00	35.36 -1.87 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	40.94 1.31 0.00	46.68 1.43 0.00	42.40 1.34 0.00	39.68 1.23 0.00	42.63 1.15 0.00	44.75 0.92 0.00	92.03 1.22 0.00	118.75 0.68 0.00	113.78 1.82 0.00	47.79 0.76 0.00	44.94 0.73 0.00	43.98 0.69 0.00	40.78 0.71 0.00	38.61 0.76 0.00	38.75 0.80 0.00	37.46 0.61 0.00	40.20 0.40 0.00	50.52 0.66 0.00	51.93 0.56 0.00	48.38 0.58 0.00	49.67 0.60 0.00	50.24 0.76 0.00	41.89 0.95 0.00	38.18 0.95 0.00
LACHUTE____HYDRO 323717	42.26 2.63 0.00	48.07 2.82 0.00	44.02 2.97 0.00	41.31 2.86 0.00	44.12 2.63 0.00	47.03 3.21 0.00	99.79 8.98 0.00	127.99 9.93 0.00	120.80 8.84 0.00	50.23 3.20 0.00	47.20 2.99 0.00	46.77 3.47 0.00	43.52 3.45 0.00	41.13 3.28 0.00	41.27 3.32 0.00	40.13 3.28 0.00	43.45 3.65 0.00	54.95 5.09 0.00	56.32 4.95 0.00	52.56 4.76 0.00	53.91 4.84 0.00	53.49 4.01 0.00	43.92 2.99 0.00	39.86 2.63 0.00
LAWRNCALV_115KV_TB1 80681	41.51 1.88 0.00	47.36 2.11 0.00	42.93 1.88 0.00	40.12 1.67 0.00	43.34 1.86 0.00	45.64 1.82 0.00	94.08 3.28 0.00	121.16 3.10 0.00	279.36 4.63 -162.76	49.41 1.52 -0.85	45.37 1.16 0.00	44.33 1.03 0.00	41.10 1.04 0.00	38.94 1.09 0.00	38.95 1.00 0.00	37.74 0.89 0.00	40.43 0.63 0.00	50.88 1.02 0.00	52.23 0.85 0.00	48.86 1.06 0.00	50.37 1.29 0.00	51.24 1.76 0.00	42.62 1.68 0.00	38.65 1.42 0.00
LEDERLE____ 23769	40.86 1.22 0.00	46.66 1.41 0.00	42.26 1.21 0.00	39.64 1.19 0.00	42.77 1.29 0.00	45.39 1.57 0.00	94.48 3.68 0.00	124.28 6.22 0.00	117.11 5.15 0.00	49.37 2.34 0.00	46.80 2.59 0.00	46.07 2.77 0.00	42.58 2.52 0.00	40.09 2.24 0.00	40.30 2.36 0.00	39.23 2.39 0.00	42.25 2.45 0.00	52.47 2.60 0.00	54.00 2.63 0.00	50.31 2.51 0.00	51.46 2.39 0.00	51.70 2.22 0.00	42.74 1.81 0.00	38.98 1.74 0.00
LIGHTHSE_115KV_TB6 355974	39.68 0.05 0.00	45.20 -0.06 0.00	40.97 -0.08 0.00	38.38 -0.07 0.00	41.58 0.09 0.00	43.99 0.17 0.00	91.16 0.36 0.00	119.11 1.04 0.00	126.61 0.56 -14.08	46.87 -0.23 -0.07	43.51 -0.70 0.00	42.42 -0.88 0.00	39.25 -0.81 0.00	37.07 -0.78 0.00	37.10 -0.85 0.00	35.95 -0.91 0.00	38.90 -0.90 0.00	49.38 -0.48 0.00	51.12 -0.26 0.00	47.52 -0.28 0.00	48.69 -0.38 0.00	49.32 -0.16 0.00	40.75 -0.18 0.00	37.05 -0.18 0.00
LINDEN COGEN____ 23786	40.70 1.07 0.00	46.42 1.17 0.00	42.04 0.98 0.00	39.46 1.01 0.00	42.54 1.05 0.00	45.16 1.34 0.00	93.96 3.15 0.00	123.87 5.80 0.00	116.67 4.71 0.00	49.37 2.34 0.00	46.84 2.63 0.00	46.11 2.81 0.00	42.64 2.58 0.00	40.17 2.32 0.00	40.36 2.40 0.00	39.29 2.44 0.00	42.34 2.55 0.00	52.48 2.62 0.00	53.97 2.59 0.00	50.26 2.46 0.00	51.40 2.33 0.00	51.58 2.10 0.00	42.61 1.67 0.00	38.83 1.60 0.00
LINDHRST_69_KV_BK1 356055	41.15 1.52 0.00	47.13 1.88 0.00	42.63 1.58 0.00	40.00 1.55 0.00	43.02 1.54 0.00	44.72 1.31 0.40	93.75 2.95 0.00	119.54 5.31 3.83	99.61 4.22 16.58	49.29 2.26 0.00	46.92 2.64 -0.06	46.16 2.86 0.00	42.64 2.58 0.00	40.09 2.24 0.00	40.34 2.39 0.00	39.21 2.37 0.00	42.12 2.32 0.00	52.42 2.56 0.00	52.62 2.53 1.29	50.33 2.52 0.00	51.67 2.60 0.00	51.61 2.14 0.00	42.65 1.71 0.00	39.12 1.89 0.00
LIPA_MISC_IPP 23656	40.40 0.77 0.00	46.54 1.28 0.00	42.13 1.08 0.00	39.56 1.11 0.00	42.52 1.03 0.00	43.96 0.66 0.51	92.46 1.65 0.00	117.54 3.67 4.19	96.54 2.72 18.15	48.33 1.30 0.00	45.76 1.64 0.08	45.23 1.93 0.00	41.91 1.85 0.00	39.30 1.45 0.00	39.66 1.71 0.00	38.67 1.83 0.00	41.43 1.64 0.00	51.41 1.55 0.00	50.98 1.21 1.61	49.25 1.45 0.00	50.73 1.65 0.00	50.64 1.17 0.00	41.94 1.00 0.00	38.61 1.38 0.00
LISF____SOLAR 323691	40.44 0.81 0.00	46.61 1.35 0.00	42.18 1.13 0.00	39.61 1.16 0.00	42.58 1.10 0.00	44.03 0.72 0.51	92.63 1.83 0.00	117.79 3.92 4.19	96.80 2.96 18.13	48.37 1.34 0.00	45.77 1.64 0.08	45.23 1.93 0.00	41.91 1.85 0.00	39.29 1.44 0.00	39.66 1.71 0.00	38.69 1.84 0.00	41.48 1.68 0.00	51.50 1.64 0.00	51.07 1.30 1.61	49.32 1.52 0.00	50.80 1.73 0.00	50.71 1.24 0.00	42.00 1.06 0.00	38.66 1.43 0.00
LITTLE FALLS____HYD 24013	41.39 1.76 0.00	47.26 2.01 0.00	42.91 1.85 0.00	40.27 1.82 0.00	43.41 1.93 0.00	46.11 2.29 0.00	96.14 5.34 0.00	125.60 7.54 0.00	117.57 5.61 0.00	48.41 1.38 0.00	45.16 0.95 0.00	44.43 1.14 0.00	41.60 1.54 0.00	38.92 1.07 0.00	38.77 0.82 0.00	37.68 0.83 0.00	41.33 1.53 0.00	52.74 2.87 0.00	54.68 3.31 0.00	50.82 3.01 0.00	52.12 3.05 0.00	52.38 2.90 0.00	42.99 2.05 0.00	38.88 1.65 0.00

LITTLRIV_115KV_TB1 356100	42.07 2.44 0.00	48.00 2.74 0.00	43.54 2.48 0.00	40.66 2.21 0.00	43.94 2.45 0.00	46.30 2.48 0.00	95.54 4.74 0.00	123.10 5.04 0.00	268.83 6.40 -150.46	49.65 1.84 -0.79	45.52 1.31 0.00	44.46 1.16 0.00	41.24 1.18 0.00	39.08 1.23 0.00	39.08 1.13 0.00	37.88 1.03 0.00	40.57 0.77 0.00	51.42 1.55 0.00	53.07 1.70 0.00	49.64 1.83 0.00	51.14 2.07 0.00	52.00 2.52 0.00	43.23 2.29 0.00	39.16 1.93 0.00
LI_NEWBRDGE___DRP 323616	40.53 0.90 0.00	46.42 1.17 0.00	42.00 0.95 0.00	39.43 0.98 0.00	42.39 0.91 0.00	44.02 0.75 0.55	92.44 1.63 0.00	117.25 3.53 4.34	95.82 2.65 18.79	48.68 1.65 0.00	46.18 2.11 0.14	45.64 2.35 0.00	42.20 2.14 0.00	39.69 1.84 0.00	39.92 1.97 0.01	38.77 1.92 0.00	41.59 1.79 0.00	51.68 1.82 0.00	51.32 1.67 1.73	49.51 1.71 0.00	50.81 1.74 0.00	50.85 1.37 0.00	42.04 1.11 0.00	38.52 1.29 0.00
LOCKPORT_115KV_TB60_63_64 80432	39.13 -0.51 0.00	44.63 -0.63 0.00	40.25 -0.80 0.00	37.26 -1.19 0.00	40.86 -0.63 0.00	42.59 -1.23 0.00	84.47 -6.33 0.00	97.55 -8.54 11.97	63.56 -8.27 40.14	44.27 -2.76 0.00	42.47 -1.74 0.00	41.13 -2.17 0.00	37.63 -2.44 0.00	35.25 -2.60 0.00	34.91 -3.04 0.00	33.66 -3.19 0.00	35.56 -4.24 0.00	40.23 -5.18 4.45	43.91 -5.01 2.46	41.94 -4.79 1.08	42.67 -4.92 1.49	43.11 -4.47 1.90	37.61 -3.32 0.00	35.11 -2.12 0.00
LOCKPORT___CC1 323769	38.53 -0.49 0.62	43.77 -0.61 0.87	39.37 -0.80 0.88	36.61 -1.19 0.65	40.39 -0.64 0.46	41.70 -1.23 0.90	83.56 -6.30 0.95	91.42 -8.66 17.99	61.65 -8.55 41.76	44.06 -2.79 0.18	42.30 -1.76 0.15	41.12 -2.17 0.00	37.63 -2.44 0.00	35.17 -2.62 0.06	34.91 -3.04 0.00	33.66 -3.19 0.00	35.17 -4.24 0.39	39.60 -5.20 5.06	42.94 -5.03 3.41	40.91 -4.78 2.12	41.50 -4.91 2.66	42.28 -4.50 2.69	36.76 -3.30 0.87	34.56 -2.14 0.54
LOCKPORT___CC2 323770	38.53 -0.49 0.62	43.77 -0.61 0.87	39.37 -0.80 0.88	36.61 -1.19 0.65	40.39 -0.64 0.46	41.70 -1.23 0.90	83.56 -6.30 0.95	91.42 -8.66 17.99	61.65 -8.55 41.76	44.06 -2.79 0.18	42.30 -1.76 0.15	41.12 -2.17 0.00	37.63 -2.44 0.00	35.17 -2.62 0.06	34.91 -3.04 0.00	33.66 -3.19 0.00	35.17 -4.24 0.39	39.60 -5.20 5.06	42.94 -5.03 3.41	40.91 -4.78 2.12	41.50 -4.91 2.66	42.28 -4.50 2.69	36.76 -3.30 0.87	34.56 -2.14 0.54
LOCKPORT___CC3 323771	38.53 -0.49 0.62	43.77 -0.61 0.87	39.37 -0.80 0.88	36.61 -1.19 0.65	40.39 -0.64 0.46	41.70 -1.23 0.90	83.56 -6.30 0.95	91.42 -8.66 17.99	61.65 -8.55 41.76	44.06 -2.79 0.18	42.30 -1.76 0.15	41.12 -2.17 0.00	37.63 -2.44 0.00	35.17 -2.62 0.06	34.91 -3.04 0.00	33.66 -3.19 0.00	35.17 -4.24 0.39	39.60 -5.20 5.06	42.94 -5.03 3.41	40.91 -4.78 2.12	41.50 -4.91 2.66	42.28 -4.50 2.69	36.76 -3.30 0.87	34.56 -2.14 0.54
LOCUSVLY_69_KV_BK2 55797	40.87 1.23 0.00	46.78 1.53 0.00	42.34 1.29 0.00	39.74 1.29 0.00	42.76 1.27 0.00	44.79 1.21 0.25	93.50 2.70 0.00	120.37 5.00 2.69	104.32 4.00 11.65	49.18 2.15 0.00	46.88 2.55 -0.12	46.10 2.81 0.00	42.61 2.55 0.00	40.08 2.23 0.00	40.31 2.36 -0.01	39.15 2.30 0.00	42.05 2.25 0.00	52.25 2.38 0.00	52.87 2.30 0.80	50.07 2.27 0.00	51.34 2.26 0.00	51.39 1.91 0.00	42.47 1.54 0.00	38.85 1.62 0.00
LONG_LAKE_PHOENIX 24014	38.75 -0.88 0.00	44.21 -1.05 0.00	40.10 -0.95 0.00	37.54 -0.91 0.00	40.59 -0.90 0.00	42.93 -0.89 0.00	88.95 -1.85 0.00	116.13 -1.93 0.00	109.66 -2.30 0.00	45.99 -1.04 0.00	43.15 -1.06 0.00	42.17 -1.13 0.00	38.94 -1.12 0.00	36.77 -1.08 0.00	36.81 -1.14 0.00	35.76 -1.08 0.00	38.66 -1.14 0.00	48.64 -1.22 0.00	50.22 -1.16 0.00	46.70 -1.10 0.00	47.90 -1.17 0.00	48.30 -1.17 0.00	39.97 -0.97 0.00	36.39 -0.83 0.00
LOVETT___3 23632	40.62 0.99 0.00	46.39 1.14 0.00	42.02 0.97 0.00	39.43 0.98 0.00	42.52 1.03 0.00	45.11 1.29 0.00	93.85 3.05 0.00	123.42 5.35 0.00	116.18 4.21 0.00	48.99 1.96 0.00	46.44 2.23 0.00	45.72 2.42 0.00	42.27 2.21 0.00	39.79 1.94 0.00	40.00 2.05 0.00	38.93 2.09 0.00	41.96 2.16 0.00	52.09 2.23 0.00	53.60 2.23 0.00	49.95 2.15 0.00	51.11 2.04 0.00	51.34 1.86 0.00	42.46 1.52 0.00	38.73 1.50 0.00
LOVETT___4 23642	40.62 0.99 0.00	46.39 1.14 0.00	42.02 0.97 0.00	39.43 0.98 0.00	42.52 1.03 0.00	45.11 1.29 0.00	93.85 3.05 0.00	123.42 5.35 0.00	116.18 4.21 0.00	48.99 1.96 0.00	46.44 2.23 0.00	45.72 2.42 0.00	42.27 2.21 0.00	39.79 1.94 0.00	40.00 2.05 0.00	38.93 2.09 0.00	41.96 2.16 0.00	52.09 2.23 0.00	53.60 2.23 0.00	49.95 2.15 0.00	51.11 2.04 0.00	51.34 1.86 0.00	42.46 1.52 0.00	38.73 1.50 0.00
LOVETT___5 23593	40.62 0.99 0.00	46.39 1.14 0.00	42.02 0.97 0.00	39.43 0.98 0.00	42.52 1.03 0.00	45.11 1.29 0.00	93.85 3.05 0.00	123.42 5.35 0.00	116.18 4.21 0.00	48.99 1.96 0.00	46.44 2.23 0.00	45.72 2.42 0.00	42.27 2.21 0.00	39.79 1.94 0.00	40.00 2.05 0.00	38.93 2.09 0.00	41.96 2.16 0.00	52.09 2.23 0.00	53.60 2.23 0.00	49.95 2.15 0.00	51.11 2.04 0.00	51.34 1.86 0.00	42.46 1.52 0.00	38.73 1.50 0.00
LOWER RAQUET___HYD 24057	41.65 2.02 0.00	47.52 2.26 0.00	43.09 2.03 0.00	40.25 1.80 0.00	43.49 2.00 0.00	45.80 1.98 0.00	94.33 3.53 0.00	121.59 3.53 0.00	257.17 4.99 -140.22	49.36 1.60 -0.74	45.38 1.17 0.00	44.32 1.02 0.00	41.12 1.05 0.00	38.95 1.10 0.00	38.95 1.00 0.00	37.74 0.89 0.00	40.37 0.57 0.00	50.85 0.99 0.00	52.23 0.85 0.00	48.85 1.04 0.00	50.37 1.30 0.00	51.36 1.88 0.00	42.75 1.81 0.00	38.76 1.53 0.00
LOWER___HUDSON 24059	40.29 0.66 0.00	45.98 0.72 0.00	41.81 0.76 0.00	39.19 0.74 0.00	42.14 0.66 0.00	44.63 0.81 0.00	92.86 2.05 0.00	120.86 2.80 0.00	114.34 2.37 0.00	47.91 0.88 0.00	44.88 0.67 0.00	44.08 0.78 0.00	40.88 0.82 0.00	38.72 0.87 0.00	39.01 1.06 0.00	37.95 1.10 0.00	41.09 1.30 0.00	51.40 1.54 0.00	52.77 1.39 0.00	49.14 1.34 0.00	50.45 1.38 0.00	50.65 1.18 0.00	41.79 0.85 0.00	37.91 0.68 0.00
LOWVILLE_115KV_TB2 356335	41.34 1.71 0.00	47.11 1.86 0.00	42.69 1.64 0.00	39.98 1.53 0.00	43.36 1.87 0.00	45.87 2.05 0.00	95.38 4.57 0.00	125.01 6.95 0.00	162.93 6.85 -44.12	48.98 1.72 -0.23	44.86 0.66 0.00	43.59 0.29 0.00	40.47 0.41 0.00	38.30 0.45 0.00	38.31 0.35 0.00	37.03 0.18 0.00	40.11 0.31 0.00	51.34 1.47 0.00	53.13 1.76 0.00	49.45 1.65 0.00	50.59 1.52 0.00	51.34 1.86 0.00	42.36 1.42 0.00	38.39 1.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.81 1.18 0.00	46.57 1.32 0.00	42.37 1.32 0.00	39.72 1.27 0.00	42.72 1.24 0.00	45.27 1.45 0.00	94.36 3.55 0.00	122.76 4.70 0.00	115.91 3.94 0.00	48.51 1.48 0.00	45.52 1.31 0.00	44.63 1.33 0.00	41.35 1.29 0.00	39.15 1.30 0.00	39.32 1.37 0.00	38.23 1.38 0.00	41.50 1.71 0.00	52.11 2.25 0.00	53.58 2.21 0.00	49.85 2.05 0.00	51.15 2.08 0.00	51.35 1.88 0.00	42.36 1.42 0.00	38.41 1.18 0.00

LUTHERNY_35_KV_BK2 355980	40.82 1.19 0.00	46.59 1.34 0.00	42.37 1.32 0.00	39.71 1.26 0.00	42.74 1.25 0.00	45.28 1.46 0.00	94.48 3.67 0.00	122.86 4.80 0.00	116.01 4.05 0.00	48.54 1.51 0.00	45.53 1.32 0.00	44.65 1.36 0.00	41.36 1.30 0.00	39.17 1.31 0.00	39.33 1.38 0.00	38.25 1.40 0.00	41.55 1.75 0.00	52.16 2.30 0.00	53.70 2.33 0.00	49.91 2.11 0.00	51.18 2.11 0.00	51.39 1.91 0.00	42.40 1.46 0.00	38.42 1.19 0.00
LWR___OSWEGATCHIE_HYD 23850	41.48 1.85 0.00	47.28 2.03 0.00	42.85 1.80 0.00	40.08 1.63 0.00	43.40 1.92 0.00	45.82 2.00 0.00	94.75 3.94 0.00	122.87 4.80 0.00	213.90 5.39 -96.54	48.92 1.39 -0.51	44.83 0.63 0.00	43.71 0.41 0.00	40.68 0.62 0.00	38.53 0.67 0.00	38.52 0.57 0.00	37.27 0.42 0.00	40.02 0.22 0.00	50.89 1.03 0.00	52.50 1.12 0.00	48.97 1.17 0.00	50.34 1.27 0.00	51.34 1.87 0.00	42.55 1.61 0.00	38.55 1.32 0.00
LYONS_FALL_HYD 23570	41.00 1.37 0.00	46.77 1.51 0.00	42.39 1.34 0.00	39.70 1.25 0.00	43.00 1.52 0.00	45.54 1.71 0.00	94.69 3.89 0.00	124.47 6.41 0.00	150.53 6.42 -32.14	48.97 1.77 -0.17	45.06 0.85 0.00	43.77 0.47 0.00	40.55 0.49 0.00	38.37 0.52 0.00	38.36 0.41 0.00	37.11 0.26 0.00	40.26 0.46 0.00	51.24 1.38 0.00	52.97 1.59 0.00	49.34 1.54 0.00	50.53 1.46 0.00	51.12 1.64 0.00	42.20 1.26 0.00	38.26 1.03 0.00
MADISON___COUNTY_LFGE 323628	40.64 1.01 0.00	46.42 1.17 0.00	42.10 1.05 0.00	39.43 0.98 0.00	42.74 1.25 0.00	45.34 1.52 0.00	94.35 3.55 0.00	124.56 4.21 -2.29	122.76 2.82 -7.97	47.89 0.86 0.00	44.82 0.61 0.00	43.96 0.67 0.00	40.67 0.61 0.00	38.45 0.60 0.00	38.36 0.41 0.00	36.99 0.14 0.00	40.17 0.37 0.00	51.03 1.00 -0.17	53.20 1.30 -0.53	49.61 1.58 -0.23	50.92 1.55 -0.30	51.42 1.53 -0.41	42.11 1.17 0.00	38.19 0.96 0.00
MALONE___115KV_TB1 356076	41.42 1.79 0.00	47.25 2.00 0.00	42.86 1.81 0.00	40.04 1.60 0.00	43.21 1.72 0.00	45.45 1.63 0.00	93.71 2.91 0.00	121.20 3.14 0.00	160.80 4.41 -44.42	48.82 1.55 -0.23	45.53 1.33 0.00	44.54 1.24 0.00	41.22 1.16 0.00	39.03 1.18 0.00	39.01 1.06 0.00	37.77 0.92 0.00	40.59 0.79 0.00	51.13 1.27 0.00	52.70 1.33 0.00	49.11 1.30 0.00	50.47 1.40 0.00	51.07 1.60 0.00	42.44 1.50 0.00	38.53 1.30 0.00
MAPLEWOD_115KV_TB3 80458	40.04 0.40 0.00	45.69 0.44 0.00	41.52 0.47 0.00	38.94 0.49 0.00	41.88 0.39 0.00	44.37 0.55 0.00	92.27 1.46 0.00	120.36 2.29 0.00	113.74 1.77 0.00	47.68 0.65 0.00	44.72 0.51 0.00	43.95 0.65 0.00	40.74 0.68 0.00	38.54 0.69 0.00	38.84 0.89 0.00	37.75 0.91 0.00	40.86 1.06 0.00	51.10 1.24 0.00	52.50 1.13 0.00	48.88 1.08 0.00	50.16 1.09 0.00	50.39 0.91 0.00	41.59 0.65 0.00	37.75 0.52 0.00
MAPLE_RIDGE_WT_1 323574	39.77 0.14 0.00	45.41 0.16 0.00	41.16 0.11 0.00	38.57 0.12 0.00	41.61 0.13 0.00	43.91 0.09 0.00	90.91 0.10 0.00	118.07 0.00 0.00	112.20 0.24 0.00	47.15 0.12 0.00	44.30 0.09 0.00	43.38 0.09 0.00	40.17 0.11 0.00	37.98 0.13 0.00	38.06 0.11 0.00	36.95 0.10 0.00	39.88 0.08 0.00	50.00 0.14 0.00	51.45 0.07 0.00	47.83 0.03 0.00	49.04 -0.03 0.00	49.51 0.04 0.00	40.99 0.06 0.00	37.27 0.04 0.00
MAPLE_RIDGE_WT_2 323611	39.77 0.14 0.00	45.41 0.16 0.00	41.16 0.11 0.00	38.57 0.12 0.00	41.61 0.13 0.00	43.91 0.09 0.00	90.91 0.10 0.00	118.07 0.00 0.00	112.20 0.24 0.00	47.15 0.12 0.00	44.30 0.09 0.00	43.38 0.09 0.00	40.17 0.11 0.00	37.98 0.13 0.00	38.06 0.11 0.00	36.95 0.10 0.00	39.88 0.08 0.00	50.00 0.14 0.00	51.45 0.07 0.00	47.83 0.03 0.00	49.04 -0.03 0.00	49.51 0.04 0.00	40.99 0.06 0.00	37.27 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	40.52 0.89 0.00	46.24 0.99 0.00	41.98 0.93 0.00	39.28 0.83 0.00	42.29 0.80 0.00	44.44 0.62 0.00	91.50 0.69 0.00	118.06 0.00 0.00	113.06 1.10 0.00	47.52 0.49 0.00	44.74 0.53 0.00	43.80 0.50 0.00	40.55 0.49 0.00	38.42 0.57 0.00	38.50 0.55 0.00	37.27 0.42 0.00	39.99 0.19 0.00	50.19 0.33 0.00	51.63 0.25 0.00	48.09 0.29 0.00	49.39 0.32 0.00	49.92 0.44 0.00	41.54 0.60 0.00	37.81 0.57 0.00
MARSHVLE_115KV_TB1 80742	40.55 0.91 0.00	46.28 1.02 0.00	41.96 0.91 0.00	39.30 0.85 0.00	42.45 0.96 0.00	44.89 1.07 0.00	93.13 2.33 0.00	121.82 3.75 0.00	114.41 2.44 0.00	47.44 0.41 0.00	44.45 0.24 0.00	43.42 0.13 0.00	40.41 0.35 0.00	38.32 0.47 0.00	38.11 0.16 0.00	36.86 0.01 0.00	39.95 0.15 0.00	50.78 0.92 0.00	52.61 1.24 0.00	49.01 1.20 0.00	50.25 1.18 0.00	50.76 1.28 0.00	41.82 0.89 0.00	37.93 0.70 0.00
MARSH_HILL_WT_PWR 323713	39.82 0.19 0.00	45.65 0.40 0.00	41.28 0.23 0.00	38.35 -0.10 0.00	41.75 0.27 0.00	44.09 0.27 0.00	89.75 -1.06 0.00	89.48 -3.19 25.39	-1.78 -5.09 108.66	45.10 -2.21 -0.28	43.18 -1.15 -0.11	42.15 -1.15 0.00	38.42 -1.64 0.00	36.03 -1.92 -0.09	35.66 -2.29 0.00	34.37 -2.47 0.00	37.17 -3.05 -0.42	34.78 -3.15 11.93	42.14 -2.73 6.51	43.11 -2.52 2.17	42.89 -2.94 3.24	41.25 -3.23 5.00	39.62 -2.27 -0.95	36.29 -1.52 -0.59
MCINTYRE_115KV_TB2 80467	42.16 2.53 0.00	48.11 2.85 0.00	43.63 2.58 0.00	40.74 2.29 0.00	44.04 2.56 0.00	46.44 2.62 0.00	95.90 5.09 0.00	123.42 5.35 0.00	285.60 6.71 -166.93	49.74 1.84 -0.88	45.60 1.39 0.00	44.54 1.24 0.00	41.29 1.23 0.00	39.14 1.29 0.00	39.15 1.20 0.00	37.96 1.12 0.00	40.71 0.91 0.00	51.67 1.81 0.00	53.47 2.10 0.00	50.03 2.23 0.00	51.48 2.41 0.00	52.20 2.73 0.00	43.33 2.39 0.00	39.26 2.03 0.00
MECO_____69_KV_BK1 80468	41.21 1.58 0.00	47.03 1.77 0.00	42.66 1.61 0.00	39.97 1.52 0.00	43.16 1.67 0.00	45.73 1.91 0.00	95.24 4.44 0.00	124.69 6.63 0.00	116.81 4.85 0.00	48.24 1.21 0.00	44.90 0.69 0.00	43.57 0.27 0.00	41.09 1.03 0.00	38.53 0.68 0.00	38.23 0.27 0.00	36.97 0.12 0.00	40.38 0.58 0.00	51.88 2.02 0.00	53.99 2.61 0.00	50.30 2.50 0.00	51.54 2.47 0.00	51.88 2.41 0.00	42.69 1.75 0.00	38.69 1.46 0.00
MENANDS___115KV_TB5 355628	39.83 0.20 0.00	45.47 0.21 0.00	41.33 0.28 0.00	38.76 0.31 0.00	41.69 0.21 0.00	44.15 0.33 0.00	91.79 0.99 0.00	119.69 1.63 0.00	113.13 1.17 0.00	47.46 0.43 0.00	44.51 0.30 0.00	43.75 0.45 0.00	40.58 0.52 0.00	38.39 0.54 0.00	38.69 0.74 0.00	37.62 0.77 0.00	40.71 0.91 0.00	50.85 0.99 0.00	52.21 0.84 0.00	48.61 0.80 0.00	49.89 0.82 0.00	50.12 0.64 0.00	41.37 0.43 0.00	37.56 0.33 0.00
MG INDUSTRY___DRP 24185	39.93 0.30 0.00	45.61 0.36 0.00	41.43 0.38 0.00	38.87 0.41 0.00	41.82 0.33 0.00	44.25 0.43 0.00	91.91 1.11 0.00	119.85 1.79 0.00	113.04 1.08 0.00	47.28 0.25 0.00	44.35 0.14 0.00	43.60 0.30 0.00	40.41 0.35 0.00	38.20 0.35 0.00	38.44 0.50 0.00	37.36 0.52 0.00	40.53 0.74 0.00	50.71 0.85 0.00	52.13 0.75 0.00	48.50 0.70 0.00	49.78 0.70 0.00	50.08 0.60 0.00	41.38 0.44 0.00	37.61 0.38 0.00

MID___OSWEGATCHIE_HYD 23849	41.48 1.85 0.00	47.28 2.03 0.00	42.85 1.80 0.00	40.08 1.63 0.00	43.40 1.92 0.00	45.82 2.00 0.00	94.75 3.94 0.00	122.87 4.80 0.00	213.90 5.39 -96.54	48.92 1.39 -0.51	44.83 0.63 0.00	43.71 0.41 0.00	40.68 0.62 0.00	38.53 0.67 0.00	38.52 0.57 0.00	37.27 0.42 0.00	40.02 0.22 0.00	50.89 1.03 0.00	52.50 1.12 0.00	48.97 1.17 0.00	50.34 1.27 0.00	51.34 1.87 0.00	42.55 1.61 0.00	38.55 1.32 0.00
MID___RAQUETTE_HYD 23851	41.66 2.02 0.00	47.51 2.26 0.00	43.09 2.03 0.00	40.25 1.80 0.00	43.49 2.00 0.00	45.80 1.98 0.00	94.34 3.54 0.00	121.61 3.55 0.00	257.17 4.99 -140.22	49.36 1.60 -0.74	45.38 1.17 0.00	44.32 1.02 0.00	41.12 1.05 0.00	38.95 1.10 0.00	38.95 1.00 0.00	37.74 0.89 0.00	40.37 0.57 0.00	50.85 0.99 0.00	52.23 0.85 0.00	48.85 1.04 0.00	50.38 1.30 0.00	51.36 1.88 0.00	42.75 1.81 0.00	38.76 1.53 0.00
MILLIKEN___1 23584	40.20 0.57 0.00	45.91 0.65 0.00	41.60 0.55 0.00	38.95 0.51 0.00	42.20 0.71 0.00	44.65 0.83 0.00	92.74 1.94 0.00	151.48 3.01 -30.41	216.79 1.97 -102.86	47.62 0.59 0.00	44.65 0.44 0.00	43.49 0.20 0.00	40.04 -0.02 0.00	37.68 -0.17 0.00	37.70 -0.25 0.00	36.58 -0.26 0.00	39.77 -0.03 0.00	62.58 0.47 -12.25	61.10 0.84 -8.88	52.48 0.78 -3.89	54.64 0.73 -4.84	57.07 0.70 -6.89	41.46 0.53 0.00	37.75 0.52 0.00
MILLIKEN___2 23585	40.20 0.57 0.00	45.91 0.65 0.00	41.60 0.55 0.00	38.95 0.51 0.00	42.20 0.71 0.00	44.65 0.83 0.00	92.74 1.94 0.00	151.48 3.01 -30.41	216.79 1.97 -102.86	47.62 0.59 0.00	44.65 0.44 0.00	43.49 0.20 0.00	40.04 -0.02 0.00	37.68 -0.17 0.00	37.70 -0.25 0.00	36.58 -0.26 0.00	39.77 -0.03 0.00	62.58 0.47 -12.25	61.10 0.84 -8.88	52.48 0.78 -3.89	54.64 0.73 -4.84	57.07 0.70 -6.89	41.46 0.53 0.00	37.75 0.52 0.00
MILLIKEN___DIESEL 23629	40.20 0.57 0.00	45.91 0.65 0.00	41.60 0.55 0.00	38.95 0.51 0.00	42.20 0.71 0.00	44.65 0.83 0.00	92.74 1.94 0.00	151.48 3.01 -30.41	216.79 1.97 -102.86	47.62 0.59 0.00	44.65 0.44 0.00	43.49 0.20 0.00	40.04 -0.02 0.00	37.68 -0.17 0.00	37.70 -0.25 0.00	36.58 -0.26 0.00	39.77 -0.03 0.00	62.58 0.47 -12.25	61.10 0.84 -8.88	52.48 0.78 -3.89	54.64 0.73 -4.84	57.07 0.70 -6.89	41.46 0.53 0.00	37.75 0.52 0.00
MILLSEAT___LFGE 323607	39.22 0.14 0.56	44.58 0.10 0.78	40.13 -0.13 0.79	37.35 -0.51 0.58	41.14 0.06 0.41	42.65 -0.36 0.81	86.22 -3.73 0.85	96.83 -4.94 16.29	68.84 -5.07 38.05	45.19 -1.68 0.16	43.10 -0.98 0.13	41.85 -1.45 0.00	38.33 -1.73 0.00	35.82 -1.98 0.05	35.53 -2.43 0.00	34.26 -2.58 0.00	36.06 -3.39 0.35	41.54 -3.71 4.61	44.97 -3.31 3.10	42.73 -3.16 1.92	43.38 -3.28 2.41	44.06 -2.97 2.45	37.99 -2.17 0.78	35.50 -1.25 0.48
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.66 1.02 0.00	46.42 1.17 0.00	42.06 1.01 0.00	39.46 1.01 0.00	42.55 1.06 0.00	45.13 1.31 0.00	93.86 3.06 0.00	123.47 5.41 0.00	116.25 4.28 0.00	49.06 2.03 0.00	46.50 2.29 0.00	45.76 2.46 0.00	42.31 2.24 0.00	39.84 1.99 0.00	40.04 2.10 0.00	38.98 2.13 0.00	42.02 2.22 0.00	52.17 2.31 0.00	53.68 2.30 0.00	50.00 2.20 0.00	51.17 2.10 0.00	51.38 1.91 0.00	42.49 1.55 0.00	38.75 1.52 0.00
MILLWOOD_13_KV_LOAD 356217	40.74 1.10 0.00	46.54 1.29 0.00	42.15 1.09 0.00	39.55 1.10 0.00	42.65 1.16 0.00	45.24 1.42 0.00	94.08 3.28 0.00	123.79 5.73 0.00	116.57 4.60 0.00	49.19 2.16 0.00	46.59 2.38 0.00	45.85 2.55 0.00	42.38 2.32 0.00	39.92 2.07 0.00	40.12 2.17 0.00	39.06 2.21 0.00	42.12 2.32 0.00	52.31 2.45 0.00	53.83 2.46 0.00	50.14 2.33 0.00	51.29 2.22 0.00	51.51 2.04 0.00	42.59 1.65 0.00	38.83 1.60 0.00
MODEL_CITY_ENERGY 24167	38.17 -0.79 0.67	43.35 -0.97 0.93	38.98 -1.12 0.95	36.26 -1.49 0.70	40.06 -0.94 0.49	41.23 -1.63 0.96	82.48 -7.31 1.02	89.46 -9.94 18.67	60.17 -9.58 42.22	43.60 -3.23 0.20	41.89 -2.16 0.16	40.72 -2.58 0.00	37.26 -2.80 0.00	34.84 -2.95 0.07	34.58 -3.37 0.00	33.33 -3.52 0.00	34.75 -4.63 0.42	38.99 -5.72 5.15	42.25 -5.62 3.51	40.24 -5.35 2.22	40.81 -5.48 2.77	41.69 -5.02 2.77	36.24 -3.75 0.95	34.16 -2.49 0.59
MODERN_LFGE___ 323580	38.17 -0.79 0.67	43.35 -0.97 0.93	38.98 -1.12 0.95	36.26 -1.49 0.70	40.06 -0.94 0.49	41.23 -1.63 0.96	82.48 -7.31 1.02	89.46 -9.94 18.67	60.17 -9.58 42.22	43.60 -3.23 0.20	41.89 -2.16 0.16	40.72 -2.58 0.00	37.26 -2.80 0.00	34.84 -2.95 0.07	34.58 -3.37 0.00	33.33 -3.52 0.00	34.75 -4.63 0.42	38.99 -5.72 5.15	42.25 -5.62 3.51	40.24 -5.35 2.22	40.81 -5.48 2.77	41.69 -5.02 2.77	36.24 -3.75 0.95	34.16 -2.49 0.59
MOHAWK_PAPER___DRP 24187	40.04 0.40 0.00	45.69 0.44 0.00	41.52 0.47 0.00	38.94 0.49 0.00	41.88 0.39 0.00	44.37 0.55 0.00	92.27 1.46 0.00	120.36 2.29 0.00	113.74 1.77 0.00	47.68 0.65 0.00	44.72 0.51 0.00	43.95 0.65 0.00	40.74 0.68 0.00	38.54 0.69 0.00	38.84 0.89 0.00	37.75 0.91 0.00	40.86 1.06 0.00	51.10 1.24 0.00	52.50 1.13 0.00	48.88 1.08 0.00	50.16 1.09 0.00	50.39 0.91 0.00	41.59 0.65 0.00	37.75 0.52 0.00
MOHICAN___35_KV_115KV_LD 80490	40.87 1.24 0.00	46.65 1.40 0.00	42.51 1.46 0.00	39.87 1.42 0.00	42.79 1.31 0.00	45.37 1.55 0.00	95.11 4.30 0.00	123.35 5.29 0.00	116.43 4.46 0.00	48.62 1.59 0.00	45.63 1.42 0.00	44.84 1.54 0.00	41.57 1.51 0.00	39.35 1.50 0.00	39.48 1.53 0.00	38.40 1.56 0.00	41.67 1.87 0.00	52.48 2.61 0.00	53.91 2.53 0.00	50.18 2.37 0.00	51.51 2.44 0.00	51.56 2.09 0.00	42.49 1.56 0.00	38.51 1.28 0.00
MONGAUP___HYD 23641	41.05 1.41 0.00	46.88 1.62 0.00	42.47 1.42 0.00	39.83 1.38 0.00	42.99 1.50 0.00	45.62 1.80 0.00	94.97 4.17 0.00	124.77 6.71 0.00	117.35 5.39 0.00	49.01 1.98 0.00	46.04 1.83 0.00	45.21 1.91 0.00	41.79 1.73 0.00	39.36 1.51 0.00	39.56 1.61 0.00	38.51 1.66 0.00	41.73 1.94 0.00	52.37 2.51 0.00	54.20 2.82 0.00	50.52 2.71 0.00	51.71 2.63 0.00	51.96 2.49 0.00	42.93 2.00 0.00	39.09 1.86 0.00
MONTAUK___DIESEL 23721	40.38 0.74 0.00	46.91 1.66 0.00	42.59 1.54 0.00	40.10 1.65 0.00	43.31 1.82 0.00	44.79 1.49 0.51	94.57 3.77 0.00	120.03 6.15 4.19	98.88 5.06 18.14	49.16 2.13 0.00	46.12 2.00 0.08	45.94 2.64 0.00	42.59 2.53 0.00	40.02 2.17 0.00	40.42 2.47 0.00	39.47 2.63 0.00	42.13 2.33 0.00	52.02 2.15 0.00	51.82 2.06 1.61	50.51 2.71 0.00	52.05 2.98 0.00	51.99 2.51 0.00	42.91 1.98 0.00	39.40 2.17 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	39.77 0.14 0.00	45.37 0.12 0.00	40.98 -0.07 0.00	37.83 -0.62 0.00	41.53 0.05 0.00	43.85 0.03 0.00	87.97 -2.84 0.00	97.75 -4.81 15.50	57.02 -5.63 49.32	45.56 -1.47 0.00	44.04 -0.17 0.00	43.21 -0.09 0.00	39.45 -0.61 0.00	36.83 -1.02 0.00	36.49 -1.47 0.00	35.11 -1.74 0.00	37.05 -2.75 0.00	40.83 -3.58 5.45	44.93 -3.49 2.95	42.98 -3.52 1.29	43.71 -3.56 1.81	43.71 -3.47 2.29	38.32 -2.61 0.00	35.19 -2.04 0.00

MORRIS_RIDGE___SOLAR 323848	39.39 -0.24 0.00	45.06 -0.19 0.00	40.70 -0.35 0.00	37.81 -0.64 0.00	41.21 -0.28 0.00	43.36 -0.46 0.00	87.81 -2.99 0.00	94.84 -5.66 17.56	31.55 -7.02 73.40	44.35 -2.86 -0.18	42.43 -1.83 -0.05	41.51 -1.79 0.00	37.89 -2.17 0.00	35.54 -2.37 -0.06	35.20 -2.75 0.00	33.96 -2.88 0.00	36.50 -3.53 -0.23	38.07 -3.84 7.95	43.83 -3.44 4.10	43.12 -3.26 1.42	43.39 -3.54 2.14	42.79 -3.53 3.15	38.87 -2.58 -0.52	35.81 -1.74 -0.32
MORTIMER_115KV_TB3 55949	39.47 -0.16 0.00	45.01 -0.24 0.00	40.70 -0.35 0.00	37.91 -0.54 0.00	41.25 -0.23 0.00	43.40 -0.42 0.00	88.56 -2.25 0.00	107.74 -2.76 7.57	83.04 -3.09 25.83	46.06 -0.97 0.00	43.66 -0.55 0.00	42.54 -0.76 0.00	39.06 -0.99 0.00	36.70 -1.15 0.00	36.56 -1.39 0.00	35.39 -1.46 0.00	38.01 -1.79 0.00	45.03 -1.95 2.88	47.97 -1.77 1.64	45.38 -1.71 0.72	46.28 -1.82 0.97	46.50 -1.71 1.27	39.65 -1.28 0.00	36.42 -0.81 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.85 1.22 0.00	46.63 1.38 0.00	42.23 1.18 0.00	39.63 1.18 0.00	42.73 1.24 0.00	45.34 1.52 0.00	94.26 3.45 0.00	124.19 6.13 0.00	116.94 4.97 0.00	49.41 2.38 0.00	46.87 2.66 0.00	46.15 2.85 0.00	42.66 2.59 0.00	40.17 2.32 0.00	40.37 2.42 0.00	39.31 2.46 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.02 2.65 0.00	50.33 2.52 0.00	51.49 2.42 0.00	51.68 2.20 0.00	42.71 1.78 0.00	38.96 1.73 0.00
MUNSVILLE_WIND_PWR 323609	42.32 2.49 -0.19	48.43 2.91 -0.27	43.94 2.61 -0.28	41.14 2.48 -0.20	44.58 2.95 -0.14	47.64 3.53 -0.28	99.09 7.99 -0.30	148.25 11.25 -18.93	175.84 8.91 -54.96	50.03 2.92 -0.09	46.68 2.47 0.00	45.45 2.15 0.00	41.95 1.88 0.00	39.34 1.46 -0.03	39.28 1.33 0.00	38.26 1.41 0.00	42.13 2.17 -0.16	60.47 3.69 -6.92	60.82 4.10 -5.35	54.03 3.62 -2.61	55.80 3.71 -3.02	57.36 3.71 -4.18	44.21 2.91 -0.37	39.90 2.45 -0.23
N SALMON___HYD 24042	41.42 1.79 0.00	47.25 2.00 0.00	42.86 1.81 0.00	40.04 1.60 0.00	43.21 1.72 0.00	45.46 1.63 0.00	93.70 2.90 0.00	121.19 3.12 0.00	160.80 4.41 -44.42	48.82 1.55 -0.23	45.54 1.33 0.00	44.54 1.24 0.00	41.22 1.16 0.00	39.03 1.18 0.00	39.01 1.06 0.00	37.77 0.92 0.00	40.59 0.79 0.00	51.13 1.27 0.00	52.70 1.33 0.00	49.10 1.30 0.00	50.47 1.40 0.00	51.07 1.60 0.00	42.44 1.50 0.00	38.53 1.30 0.00
N.AKRON__115KV_KNAPP 355671	39.62 -0.01 0.00	45.18 -0.07 0.00	40.76 -0.30 0.00	37.77 -0.68 0.00	41.39 -0.09 0.00	43.24 -0.58 0.00	86.29 -4.51 0.00	100.67 -5.93 11.45	67.62 -5.89 38.45	45.07 -1.96 0.00	43.08 -1.13 0.00	41.68 -1.62 0.00	38.15 -1.91 0.00	35.71 -2.14 0.00	35.36 -2.59 0.00	34.10 -2.75 0.00	36.16 -3.64 0.00	41.43 -4.17 4.26	45.18 -3.83 2.36	43.09 -3.67 1.03	43.86 -3.79 1.43	44.24 -3.41 1.82	38.41 -2.53 0.00	35.74 -1.50 0.00
N.E_GEN_SANDY PD 24062	40.19 0.56 0.00	45.83 0.57 0.00	41.74 0.68 0.00	39.11 0.66 0.00	42.00 0.51 0.00	45.58 0.66 -1.10	92.49 1.68 0.00	119.87 2.27 0.47	118.63 1.99 -4.67	47.94 0.71 -0.20	44.48 0.43 0.15	43.93 0.63 0.00	40.82 0.75 0.00	38.68 0.83 0.00	39.07 1.12 0.00	38.32 1.19 -0.29	43.16 1.34 -2.02	51.49 1.46 -0.17	52.58 1.20 0.00	48.97 1.17 0.00	51.25 1.27 -0.90	50.49 1.01 0.00	41.62 0.71 0.03	37.34 0.52 0.41
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.70 1.06 0.00	46.48 1.23 0.00	42.10 1.04 0.00	39.49 1.04 0.00	42.60 1.11 0.00	45.20 1.38 0.00	94.05 3.25 0.00	123.69 5.62 0.00	116.28 4.31 0.00	49.01 1.98 0.00	46.48 2.27 0.00	45.75 2.46 0.00	42.30 2.23 0.00	39.82 1.97 0.00	40.03 2.08 0.00	38.97 2.12 0.00	42.04 2.24 0.00	52.21 2.35 0.00	53.72 2.35 0.00	50.06 2.26 0.00	51.22 2.14 0.00	51.46 1.98 0.00	42.55 1.61 0.00	38.82 1.59 0.00
N.QUEENS_27_KV_LOAD 356247	40.73 1.11 0.01	46.42 1.17 0.01	42.10 1.06 0.01	39.52 1.07 0.01	42.57 1.09 0.01	45.17 1.36 0.01	93.91 3.11 0.01	124.35 6.29 0.00	116.98 5.01 0.00	49.29 2.26 0.00	46.96 2.76 0.00	46.17 2.87 0.00	42.67 2.61 0.00	40.17 2.32 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.21 2.41 0.00	52.38 2.52 0.00	53.86 2.48 0.00	50.23 2.42 0.00	51.35 2.28 0.00	51.63 2.15 0.00	42.57 1.64 0.00	38.85 1.62 0.00
N.TROY___115KV_TB1 355778	40.30 0.67 0.00	45.97 0.73 0.00	41.81 0.76 0.00	39.19 0.74 0.00	42.15 0.66 0.00	44.63 0.81 0.00	92.85 2.05 0.00	120.85 2.79 0.00	114.34 2.37 0.00	47.91 0.87 0.00	44.88 0.67 0.00	44.08 0.78 0.00	40.88 0.82 0.00	38.72 0.87 0.00	39.01 1.06 0.00	37.95 1.10 0.00	41.10 1.30 0.00	51.41 1.54 0.00	52.77 1.39 0.00	49.14 1.34 0.00	50.45 1.38 0.00	50.65 1.18 0.00	41.79 0.86 0.00	37.91 0.68 0.00
NARROWS_GT1_1 24228	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT1_2 24229	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT1_3 24230	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT1_4 24231	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT1_5 24232	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00

NARROWS_GT1_6 24233	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT1_7 24234	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT1_8 24235	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT2_1 24236	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT2_2 24237	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT2_3 24238	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT2_4 24239	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT2_5 24240	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT2_6 24241	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT2_7 24242	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NARROWS_GT2_8 24243	40.97 1.34 0.00	46.68 1.43 0.00	42.29 1.24 0.00	39.69 1.24 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.31 3.51 0.00	124.69 6.63 0.00	117.22 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.67 0.00	54.04 2.67 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.78 2.30 0.00	42.75 1.81 0.00	39.01 1.79 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.35 0.72 0.00	46.04 0.78 0.00	41.83 0.78 0.00	39.25 0.79 0.00	42.24 0.75 0.00	44.79 0.97 0.00	93.35 2.55 0.00	121.97 3.90 0.00	115.08 3.12 0.00	47.82 0.79 0.00	44.49 0.28 0.00	43.68 0.38 0.00	40.62 0.56 0.00	38.31 0.45 0.00	38.54 0.59 0.00	37.52 0.67 0.00	40.88 1.08 0.00	51.50 1.64 0.00	53.16 1.78 0.00	49.43 1.63 0.00	50.69 1.62 0.00	50.89 1.41 0.00	41.95 1.01 0.00	38.01 0.78 0.00
NCHELSEA_115KV_TR2 355582	40.97 1.34 0.00	46.78 1.53 0.00	42.39 1.34 0.00	39.78 1.33 0.00	42.89 1.41 0.00	45.51 1.69 0.00	94.67 3.87 0.00	124.46 6.39 0.00	117.15 5.19 0.00	49.31 2.28 0.00	46.64 2.43 0.00	45.85 2.55 0.00	42.37 2.31 0.00	39.91 2.06 0.00	40.12 2.17 0.00	39.08 2.23 0.00	42.21 2.41 0.00	52.53 2.67 0.00	54.08 2.71 0.00	50.38 2.58 0.00	51.56 2.48 0.00	51.81 2.33 0.00	42.80 1.87 0.00	38.99 1.76 0.00
NEG CAPITAL___MECHNVIL 23645	40.86 1.23 0.00	46.62 1.37 0.00	42.41 1.35 0.00	39.75 1.30 0.00	42.77 1.28 0.00	45.32 1.50 0.00	94.44 3.64 0.00	122.91 4.85 0.00	116.08 4.11 0.00	48.60 1.57 0.00	45.58 1.38 0.00	44.71 1.41 0.00	41.41 1.35 0.00	39.21 1.36 0.00	39.41 1.46 0.00	38.32 1.47 0.00	41.61 1.81 0.00	52.22 2.36 0.00	53.66 2.28 0.00	49.95 2.15 0.00	51.23 2.16 0.00	51.44 1.96 0.00	42.42 1.48 0.00	38.46 1.22 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.45 -0.99 0.19	43.78 -1.20 0.27	39.59 -1.19 0.27	36.98 -1.27 0.20	40.28 -1.06 0.14	42.32 -1.22 0.28	87.08 -3.43 0.29	108.62 -4.15 5.29	89.18 -4.41 18.37	45.36 -1.67 0.00	42.96 -1.25 0.00	41.82 -1.47 0.00	38.41 -1.65 0.00	36.10 -1.75 0.00	36.03 -1.93 0.00	34.88 -1.96 0.00	37.53 -2.17 0.10	45.35 -2.37 2.14	47.80 -2.24 1.34	44.91 -2.14 0.75	45.84 -2.27 0.95	46.17 -2.25 1.06	38.92 -1.79 0.22	35.71 -1.38 0.13

NEG CENTRAL___DRP 24199	39.63 -0.01 0.00	45.23 -0.02 0.00	40.98 -0.08 0.00	38.30 -0.15 0.00	41.54 0.06 0.00	43.93 0.11 0.00	90.64 -0.17 0.00	110.05 -0.48 7.53	84.04 -1.28 26.64	46.49 -0.54 0.00	43.92 -0.29 0.00	42.85 -0.45 0.00	39.32 -0.74 0.00	36.98 -0.88 0.00	36.93 -1.02 0.00	35.81 -1.04 0.00	38.75 -1.05 0.00	45.98 -0.86 3.02	49.04 -0.58 1.76	46.52 -0.51 0.77	47.36 -0.65 1.06	47.39 -0.72 1.36	40.40 -0.54 0.00	36.89 -0.34 0.00
NEG CENTRAL___INDECK 23768	40.81 1.17 0.00	46.58 1.33 0.00	42.12 1.07 0.00	39.11 0.66 0.00	42.43 0.94 0.00	44.24 0.42 0.00	89.50 -1.31 0.00	99.66 -2.29 16.12	44.45 -3.19 64.34	45.48 -1.68 -0.13	42.71 -1.50 0.00	41.64 -1.66 0.00	38.17 -1.89 0.00	35.78 -2.12 -0.04	35.49 -2.46 0.00	34.31 -2.53 0.00	36.96 -3.00 -0.16	39.93 -2.86 7.07	45.62 -1.91 3.85	44.69 -1.69 1.42	45.10 -1.92 2.06	45.50 -1.01 2.96	40.99 -0.31 -0.37	37.59 0.13 -0.23
NEG CENTRAL___SENECA 23627	39.77 0.13 0.00	45.40 0.15 0.00	41.09 0.04 0.00	38.38 -0.07 0.00	41.71 0.22 0.00	44.11 0.28 0.00	90.63 -0.18 0.00	103.16 -0.86 14.04	61.17 -1.84 48.95	46.33 -0.70 0.00	43.99 -0.22 0.00	42.93 -0.36 0.00	39.26 -0.80 0.00	36.86 -0.99 0.00	36.76 -1.19 0.00	35.64 -1.21 0.00	38.50 -1.30 0.00	43.18 -1.10 5.58	47.26 -0.75 3.36	45.65 -0.68 1.47	46.23 -0.83 2.01	45.94 -0.93 2.61	40.28 -0.66 0.00	36.85 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	39.73 0.09 0.00	45.30 0.05 0.00	41.09 0.04 0.00	38.47 0.02 0.00	41.66 0.17 0.00	43.91 0.09 0.00	91.22 0.41 0.00	122.15 0.82 -3.26	122.33 0.03 -10.34	46.91 -0.11 0.00	44.05 -0.16 0.00	42.99 -0.30 0.00	39.62 -0.44 0.00	37.33 -0.52 0.00	37.32 -0.63 0.00	36.17 -0.68 0.00	39.29 -0.51 0.00	50.93 -0.22 -1.29	52.50 0.04 -1.09	48.29 0.01 -0.48	49.57 -0.07 -0.57	50.24 -0.09 -0.85	40.83 -0.10 0.00	37.21 -0.02 0.00
NEG MILLWOOD___DRP 24198	41.02 1.38 0.00	46.83 1.58 0.00	42.43 1.37 0.00	39.81 1.36 0.00	42.93 1.45 0.00	45.56 1.74 0.00	94.82 4.01 0.00	124.74 6.68 0.00	117.48 5.51 0.00	49.50 2.47 0.00	46.84 2.63 0.00	46.05 2.75 0.00	42.55 2.49 0.00	40.08 2.23 0.00	40.28 2.33 0.00	39.23 2.38 0.00	42.34 2.55 0.00	52.66 2.79 0.00	54.23 2.86 0.00	50.52 2.72 0.00	51.67 2.59 0.00	51.89 2.41 0.00	42.86 1.92 0.00	39.04 1.81 0.00
NEG NORTH_FLCN_SEA 23793	40.68 1.05 0.00	46.39 1.14 0.00	42.17 1.11 0.00	39.47 1.03 0.00	42.32 0.83 0.00	44.31 0.49 0.00	90.70 -0.10 0.00	116.83 -1.23 0.00	111.91 -0.06 0.00	47.23 0.20 0.00	44.62 0.41 0.00	43.73 0.43 0.00	40.51 0.45 0.00	38.38 0.53 0.00	38.49 0.54 0.00	37.20 0.36 0.00	39.66 -0.14 0.00	49.78 -0.09 0.00	51.07 -0.30 0.00	47.61 -0.19 0.00	48.91 -0.16 0.00	49.58 0.11 0.00	41.52 0.58 0.00	37.96 0.72 0.00
NEG NORTH_KES_CHATEGAY 23792	40.67 1.04 0.00	46.41 1.16 0.00	42.13 1.08 0.00	39.40 0.95 0.00	42.45 0.96 0.00	44.62 0.80 0.00	91.94 1.14 0.00	118.70 0.63 -12.04	125.72 1.71 -0.06	47.71 0.62 0.00	44.81 0.60 0.00	43.84 0.55 0.00	40.60 0.53 0.00	38.46 0.61 0.00	38.54 0.59 0.00	37.31 0.46 0.00	40.07 0.27 0.00	50.37 0.51 0.00	51.90 0.53 0.00	48.33 0.53 0.00	49.65 0.58 0.00	50.16 0.68 0.00	41.69 0.76 0.00	37.91 0.68 0.00
NEG NORTH___ALICE_FALLS 23915	40.94 1.31 0.00	46.68 1.43 0.00	42.40 1.34 0.00	39.68 1.23 0.00	42.63 1.15 0.00	44.75 0.92 0.00	92.03 1.22 0.00	118.75 0.68 0.00	113.78 1.82 0.00	47.79 0.76 0.00	44.94 0.73 0.00	43.98 0.69 0.00	40.78 0.71 0.00	38.61 0.76 0.00	38.75 0.80 0.00	37.46 0.61 0.00	40.20 0.40 0.00	50.52 0.66 0.00	51.93 0.56 0.00	48.38 0.58 0.00	49.67 0.60 0.00	50.24 0.76 0.00	41.89 0.95 0.00	38.18 0.95 0.00
NEG NORTH___LWR_SARANAC 23913	40.94 1.31 0.00	46.68 1.43 0.00	42.40 1.34 0.00	39.68 1.23 0.00	42.63 1.15 0.00	44.75 0.92 0.00	92.03 1.22 0.00	118.75 0.68 0.00	113.78 1.82 0.00	47.79 0.76 0.00	44.94 0.73 0.00	43.98 0.69 0.00	40.78 0.71 0.00	38.61 0.76 0.00	38.75 0.80 0.00	37.46 0.61 0.00	40.20 0.40 0.00	50.52 0.66 0.00	51.93 0.56 0.00	48.38 0.58 0.00	49.67 0.60 0.00	50.24 0.76 0.00	41.89 0.95 0.00	38.18 0.95 0.00
NEG NORTH___PLATTSBURG 23628	40.94 1.31 0.00	46.68 1.43 0.00	42.40 1.34 0.00	39.68 1.23 0.00	42.63 1.15 0.00	44.74 0.92 0.00	92.01 1.21 0.00	118.73 0.66 0.00	113.80 1.84 0.00	47.79 0.76 0.00	44.95 0.74 0.00	43.98 0.68 0.00	40.78 0.71 0.00	38.61 0.76 0.00	38.75 0.80 0.00	37.46 0.61 0.00	40.20 0.40 0.00	50.52 0.66 0.00	51.94 0.56 0.00	48.38 0.58 0.00	49.67 0.60 0.00	50.24 0.76 0.00	41.89 0.96 0.00	38.18 0.95 0.00
NEG WEST_LEA_LOCKPORT 23791	39.11 -0.52 0.00	44.62 -0.63 0.00	40.23 -0.82 0.00	37.25 -1.20 0.00	40.84 -0.65 0.00	42.57 -1.25 0.00	84.47 -6.33 0.00	97.23 -8.62 12.21	62.54 -8.43 40.99	44.24 -2.79 0.00	42.46 -1.75 0.00	41.13 -2.17 0.00	37.63 -2.44 0.00	35.25 -2.61 0.00	34.91 -3.04 0.00	33.66 -3.19 0.00	35.57 -4.23 0.00	40.11 -5.21 4.54	43.82 -5.05 2.51	41.89 -4.81 1.10	42.60 -4.95 1.52	43.02 -4.52 1.94	37.59 -3.34 0.00	35.09 -2.14 0.00
NEG WEST___LANCASTR 23811	39.10 -0.54 0.00	44.69 -0.56 0.00	40.31 -0.74 0.00	37.33 -1.12 0.00	40.83 -0.65 0.00	42.86 -0.96 0.00	86.19 -4.62 0.00	95.68 -7.14 15.25	54.51 -7.50 49.95	44.69 -2.34 0.00	42.94 -1.27 0.00	41.72 -1.58 0.00	38.12 -1.94 0.00	35.68 -2.17 0.00	35.34 -2.61 0.00	34.15 -2.70 0.00	36.23 -3.57 0.00	40.05 -4.30 5.52	44.27 -4.12 2.99	42.69 -3.81 1.31	43.29 -3.95 1.83	43.39 -3.77 2.32	38.14 -2.79 0.00	35.34 -1.89 0.00
NEG_PENN_ALLEGHNY 23528	39.95 0.10 -0.22	45.72 0.16 -0.30	41.44 0.08 -0.31	38.72 0.05 -0.23	41.87 0.22 -0.16	44.47 0.33 -0.31	91.74 0.61 -0.33	120.50 1.67 -0.77	103.72 0.48 8.73	47.46 0.35 -0.08	44.69 0.48 0.00	43.66 0.37 0.00	40.26 0.19 0.00	37.92 0.07 0.00	37.95 0.00 0.00	36.90 0.06 0.00	39.97 0.00 -0.17	49.85 0.03 0.04	51.93 0.16 -0.40	48.41 0.16 -0.45	49.23 0.12 -0.03	49.90 0.09 -0.33	41.37 0.05 -0.39	37.60 0.13 -0.24
NEG___GEN_MONROE 24207	39.86 0.23 0.00	45.48 0.23 0.00	41.10 0.05 0.00	38.16 -0.29 0.00	41.57 0.09 0.00	43.83 0.01 0.00	89.10 -1.71 0.00	108.12 -2.18 7.76	83.00 -2.50 26.46	46.23 -0.80 0.00	43.79 -0.41 0.00	42.62 -0.68 0.00	39.08 -0.98 0.00	36.66 -1.19 0.00	36.50 -1.45 0.00	35.30 -1.55 0.00	37.88 -1.92 0.00	44.97 -1.94 2.94	48.06 -1.64 1.67	45.49 -1.58 0.73	46.38 -1.70 0.99	46.63 -1.55 1.30	39.79 -1.15 0.00	36.60 -0.63 0.00
NEPA___ENERGY 23901	39.13 -0.51 0.00	44.70 -0.55 0.00	40.33 -0.72 0.00	37.43 -1.02 0.00	40.98 -0.51 0.00	43.21 -0.61 0.00	87.50 -3.31 0.00	96.96 -6.04 15.06	54.87 -7.37 49.72	44.89 -2.14 0.00	43.40 -0.80 0.00	42.62 -0.67 0.00	38.78 -1.28 0.00	36.19 -1.66 0.00	35.92 -2.03 0.00	34.71 -2.14 0.00	36.84 -2.96 0.00	40.53 -3.84 5.49	44.87 -3.54 2.97	43.15 -3.35 1.30	43.83 -3.42 1.82	43.79 -3.38 2.30	38.37 -2.57 0.00	35.46 -1.77 0.00

NEVERSINK___HYD 23608	40.57 0.94 0.00	46.35 1.10 0.00	42.00 0.94 0.00	39.40 0.95 0.00	42.51 1.02 0.00	45.11 1.29 0.00	93.97 3.16 0.00	123.47 5.40 0.00	116.08 4.11 0.00	48.68 1.65 0.00	45.86 1.65 0.00	44.95 1.65 0.00	41.35 1.29 0.00	38.00 0.15 0.00	38.18 0.23 0.00	37.23 0.39 0.00	40.37 0.57 0.00	50.43 0.57 0.00	52.02 0.65 0.00	48.47 0.66 0.00	49.80 0.73 0.00	51.26 1.78 0.00	42.39 1.46 0.00	38.60 1.37 0.00
NEWKRMKL_115KV_TB1 55635	39.52 -0.11 0.00	45.11 -0.15 0.00	40.99 -0.06 0.00	38.45 0.00 0.00	41.38 -0.11 0.00	43.80 -0.02 0.00	91.07 0.26 0.00	118.85 0.79 0.00	112.30 0.34 0.00	47.10 0.07 0.00	44.18 -0.02 0.00	43.44 0.14 0.00	40.29 0.22 0.00	38.11 0.26 0.00	38.40 0.45 0.00	37.35 0.51 0.00	40.43 0.63 0.00	50.49 0.63 0.00	51.85 0.48 0.00	48.26 0.46 0.00	49.51 0.44 0.00	49.75 0.27 0.00	41.07 0.13 0.00	37.29 0.05 0.00
NEWTON___FALLS_HYD 23847	41.48 1.85 0.00	47.28 2.03 0.00	42.85 1.80 0.00	40.08 1.63 0.00	43.40 1.92 0.00	45.82 2.00 0.00	94.75 3.94 0.00	122.87 4.80 0.00	213.90 5.39 -96.54	48.92 1.39 -0.51	44.83 0.63 0.00	43.71 0.41 0.00	40.68 0.62 0.00	38.53 0.67 0.00	38.52 0.57 0.00	37.27 0.42 0.00	40.02 0.22 0.00	50.89 1.03 0.00	52.50 1.12 0.00	48.97 1.17 0.00	50.34 1.27 0.00	51.34 1.87 0.00	42.55 1.61 0.00	38.55 1.32 0.00
NGRID_A1_DSASP 323792	38.11 -0.81 0.71	43.29 -0.97 0.99	38.90 -1.14 1.01	36.17 -1.54 0.74	39.95 -1.01 0.53	41.16 -1.63 1.03	82.16 -7.56 1.09	88.26 -10.40 19.41	58.76 -10.15 43.05	43.40 -3.41 0.22	41.74 -2.30 0.17	40.60 -2.70 0.00	37.13 -2.93 0.00	34.72 -3.06 0.07	34.48 -3.46 0.00	33.23 -3.62 0.00	34.64 -4.71 0.46	38.74 -5.85 5.27	41.90 -5.85 3.62	39.92 -5.56 2.32	40.51 -5.67 2.89	41.32 -5.28 2.87	36.08 -3.83 1.02	34.14 -2.46 0.63
NGRID_A2_DSASP 323793	38.11 -0.81 0.71	43.29 -0.97 0.99	38.90 -1.14 1.01	36.17 -1.54 0.74	39.95 -1.01 0.53	41.16 -1.63 1.03	82.16 -7.56 1.09	88.26 -10.40 19.41	58.76 -10.15 43.05	43.40 -3.41 0.22	41.74 -2.30 0.17	40.60 -2.70 0.00	37.13 -2.93 0.00	34.72 -3.06 0.07	34.48 -3.46 0.00	33.23 -3.62 0.00	34.64 -4.71 0.46	38.74 -5.85 5.27	41.90 -5.85 3.62	39.92 -5.56 2.32	40.51 -5.67 2.89	41.32 -5.28 2.87	36.08 -3.83 1.02	34.14 -2.46 0.63
NGRID_A4_DSASP 323807	38.11 -0.81 0.71	43.29 -0.97 0.99	38.90 -1.14 1.01	36.17 -1.54 0.74	39.95 -1.01 0.53	41.16 -1.63 1.03	82.16 -7.56 1.09	88.26 -10.40 19.41	58.76 -10.15 43.05	43.40 -3.41 0.22	41.74 -2.30 0.17	40.60 -2.70 0.00	37.13 -2.93 0.00	34.72 -3.06 0.07	34.48 -3.46 0.00	33.23 -3.62 0.00	34.64 -4.71 0.46	38.74 -5.85 5.27	41.90 -5.85 3.62	39.92 -5.56 2.32	40.51 -5.67 2.89	41.32 -5.28 2.87	36.08 -3.83 1.02	34.14 -2.46 0.63
NIAGARA_115E_LBMP 323715	37.98 -0.96 0.69	43.12 -1.17 0.96	38.77 -1.31 0.98	36.07 -1.66 0.72	39.86 -1.11 0.51	40.98 -1.85 1.00	81.84 -7.91 1.05	88.22 -10.74 19.10	58.86 -10.26 42.85	43.32 -3.50 0.21	41.65 -2.39 0.17	40.50 -2.80 0.00	37.06 -3.01 0.00	34.65 -3.13 0.07	34.39 -3.56 0.00	33.16 -3.69 0.00	34.50 -4.85 0.44	38.57 -6.06 5.24	41.80 -6.00 3.58	39.83 -5.70 2.28	40.40 -5.83 2.84	41.32 -5.34 2.82	35.95 -4.01 0.98	33.94 -2.69 0.61
NIAGARA_115W_LBMP 323714	38.05 -0.87 0.71	43.23 -1.03 0.99	38.85 -1.19 1.01	36.12 -1.59 0.74	39.89 -1.07 0.53	41.11 -1.69 1.03	82.01 -7.71 1.09	88.12 -10.56 19.38	58.71 -10.29 42.97	43.32 -3.49 0.22	41.65 -2.39 0.17	40.52 -2.78 0.00	37.07 -2.99 0.00	34.66 -3.12 0.07	34.42 -3.53 0.00	33.16 -3.68 0.00	34.57 -4.78 0.45	38.66 -5.94 5.27	41.82 -5.94 3.61	39.85 -5.64 2.32	40.43 -5.75 2.89	41.25 -5.36 2.87	36.03 -3.89 1.02	34.10 -2.50 0.63
NIAGARA_230_LBMP 323716	38.12 -0.81 0.71	43.32 -0.95 0.99	38.92 -1.13 1.01	36.21 -1.50 0.74	39.97 -0.99 0.52	41.22 -1.57 1.02	82.81 -6.91 1.08	89.25 -9.68 19.14	59.97 -9.72 42.28	43.71 -3.10 0.22	42.02 -2.02 0.17	40.90 -2.40 0.00	37.43 -2.63 0.00	34.99 -2.78 0.07	34.76 -3.19 0.00	33.51 -3.34 0.00	34.97 -4.38 0.45	39.17 -5.51 5.19	42.36 -5.45 3.57	40.35 -5.16 2.29	40.95 -5.27 2.86	41.75 -4.90 2.83	36.37 -3.56 1.01	34.23 -2.37 0.63
NIAGARA___115KV_198_GIBSON 55903	38.74 -0.89 0.00	44.20 -1.05 0.00	39.85 -1.20 0.00	36.85 -1.60 0.00	40.41 -1.08 0.00	42.12 -1.70 0.00	83.04 -7.76 0.00	94.90 -10.58 12.58	59.71 -10.20 42.05	43.53 -3.50 0.00	41.83 -2.38 0.00	40.52 -2.78 0.00	37.07 -3.00 0.00	34.74 -3.12 0.00	34.42 -3.53 0.00	33.17 -3.68 0.00	35.03 -4.77 0.00	39.25 -5.96 4.66	42.86 -5.96 2.56	41.00 -5.68 1.12	41.73 -5.79 1.55	42.14 -5.35 1.99	37.00 -3.94 0.00	34.72 -2.51 0.00
NIAGARA____ 23760	38.13 -0.81 0.69	43.34 -0.95 0.97	38.94 -1.13 0.99	36.22 -1.50 0.73	39.98 -0.99 0.51	41.24 -1.57 1.01	82.82 -6.91 1.07	89.25 -9.68 19.13	59.82 -9.72 42.43	43.72 -3.10 0.21	42.02 -2.02 0.17	40.90 -2.40 0.00	37.43 -2.63 0.00	35.00 -2.78 0.07	34.76 -3.19 0.00	33.51 -3.34 0.00	34.97 -4.38 0.45	39.15 -5.51 5.21	42.35 -5.45 3.57	40.35 -5.16 2.29	40.95 -5.27 2.85	41.75 -4.90 2.83	36.38 -3.56 1.00	34.24 -2.37 0.61
NINE_MILE_1 23575	38.32 -1.32 0.00	43.73 -1.52 0.00	39.66 -1.39 0.00	37.14 -1.31 0.00	40.12 -1.36 0.00	42.40 -1.42 0.00	87.76 -3.05 0.00	114.45 -3.61 0.00	108.14 -3.83 0.00	45.44 -1.59 0.00	42.69 -1.52 0.00	41.77 -1.53 0.00	38.61 -1.45 0.00	36.43 -1.41 0.00	36.49 -1.46 0.00	35.44 -1.41 0.00	38.30 -1.50 0.00	48.09 -1.77 0.00	49.60 -1.77 0.00	46.14 -1.66 0.00	47.34 -1.73 0.00	47.75 -1.73 0.00	39.51 -1.43 0.00	35.97 -1.26 0.00
NINE_MILE_2 23744	38.32 -1.31 0.00	43.73 -1.52 0.00	39.67 -1.38 0.00	37.14 -1.31 0.00	40.13 -1.36 0.00	42.40 -1.42 0.00	87.76 -3.05 0.00	114.46 -3.60 0.00	108.14 -3.83 0.00	45.44 -1.59 0.00	42.69 -1.52 0.00	41.77 -1.53 0.00	38.61 -1.45 0.00	36.43 -1.41 0.00	36.50 -1.45 0.00	35.44 -1.41 0.00	38.30 -1.49 0.00	48.10 -1.76 0.00	49.61 -1.77 0.00	46.14 -1.66 0.00	47.34 -1.73 0.00	47.75 -1.73 0.00	39.51 -1.43 0.00	35.97 -1.26 0.00
NM_CAPITAL___DRP 24208	39.48 -0.15 0.00	45.06 -0.19 0.00	40.96 -0.10 0.00	38.42 -0.03 0.00	41.32 -0.17 0.00	43.76 -0.06 0.00	90.94 0.14 0.00	118.62 0.55 0.00	112.13 0.16 0.00	47.04 0.01 0.00	44.12 -0.09 0.00	43.37 0.07 0.00	40.24 0.17 0.00	38.06 0.21 0.00	38.36 0.41 0.00	37.31 0.46 0.00	40.36 0.56 0.00	50.39 0.53 0.00	51.74 0.36 0.00	48.17 0.37 0.00	49.43 0.36 0.00	49.67 0.20 0.00	41.01 0.07 0.00	37.24 0.01 0.00
NM_CENTRAL___DRP 24181	39.01 -0.63 0.00	44.51 -0.74 0.00	40.36 -0.69 0.00	37.79 -0.66 0.00	40.87 -0.62 0.00	43.23 -0.59 0.00	89.55 -1.26 0.00	116.87 -1.19 0.00	110.27 -1.69 0.00	46.30 -0.73 0.00	43.49 -0.72 0.00	42.52 -0.78 0.00	39.28 -0.78 0.00	37.06 -0.80 0.00	37.10 -0.85 0.00	36.03 -0.82 0.00	38.98 -0.81 0.00	49.01 -0.85 0.00	50.58 -0.79 0.00	47.06 -0.74 0.00	48.25 -0.82 0.00	48.64 -0.83 0.00	40.22 -0.72 0.00	36.61 -0.62 0.00

NM_FRONTIER___DRP 24179	38.74 -0.89 0.00	44.20 -1.05 0.00	39.85 -1.20 0.00	36.85 -1.60 0.00	40.41 -1.08 0.00	42.12 -1.70 0.00	83.04 -7.76 0.00	94.90 -10.58 12.58	59.71 -10.20 42.05	43.53 -3.50 0.00	41.83 -2.38 0.00	40.52 -2.78 0.00	37.07 -3.00 0.00	34.74 -3.12 0.00	34.42 -3.53 0.00	33.17 -3.68 0.00	35.03 -4.77 0.00	39.25 -5.96 4.66	42.86 -5.96 2.56	41.00 -5.68 1.12	41.73 -5.79 1.55	42.14 -5.35 1.99	37.00 -3.94 0.00	34.72 -2.51 0.00
NM_ST_REGIS___HYD 24053	41.63 2.00 0.00	47.50 2.24 0.00	43.07 2.01 0.00	40.24 1.79 0.00	43.45 1.96 0.00	45.75 1.92 0.00	94.24 3.44 0.00	121.58 3.51 0.00	237.43 4.97 -120.50	49.30 1.64 -0.63	45.43 1.23 0.00	44.40 1.10 0.00	41.16 1.09 0.00	38.99 1.14 0.00	38.98 1.03 0.00	37.75 0.90 0.00	40.44 0.64 0.00	50.96 1.09 0.00	52.40 1.02 0.00	48.94 1.14 0.00	50.44 1.37 0.00	51.32 1.85 0.00	42.71 1.78 0.00	38.74 1.51 0.00
NORTHPORT___1 23551	40.44 0.81 0.00	46.47 1.22 0.00	42.08 1.02 0.00	39.49 1.04 0.00	42.39 0.90 0.00	43.80 0.50 0.52	91.78 0.97 0.00	116.62 2.77 4.22	95.62 1.89 18.24	48.40 1.38 0.00	46.01 1.90 0.10	45.61 2.31 0.00	42.19 2.13 0.00	39.65 1.79 0.00	39.85 1.90 0.01	38.59 1.74 0.00	41.30 1.50 0.00	51.27 1.41 0.00	50.96 1.22 1.63	49.11 1.31 0.00	50.46 1.38 0.00	50.43 0.96 0.00	41.69 0.76 0.00	38.29 1.06 0.00
NORTHPORT___2 23552	40.44 0.81 0.00	46.47 1.22 0.00	42.08 1.02 0.00	39.49 1.04 0.00	42.39 0.90 0.00	43.80 0.50 0.52	91.78 0.97 0.00	116.62 2.77 4.22	95.62 1.89 18.24	48.40 1.38 0.00	46.01 1.90 0.10	45.61 2.31 0.00	42.19 2.13 0.00	39.65 1.79 0.00	39.85 1.90 0.01	38.59 1.74 0.00	41.30 1.50 0.00	51.27 1.41 0.00	50.96 1.22 1.63	49.11 1.31 0.00	50.46 1.38 0.00	50.43 0.96 0.00	41.69 0.76 0.00	38.29 1.06 0.00
NORTHPORT___3 23553	40.35 0.72 0.00	46.37 1.12 0.00	41.98 0.93 0.00	39.40 0.95 0.00	42.29 0.80 0.00	43.70 0.40 0.52	91.55 0.75 0.00	116.33 2.47 4.20	95.43 1.64 18.18	48.31 1.28 0.00	45.92 1.81 0.09	45.53 2.23 0.00	42.11 2.05 0.00	39.58 1.73 0.00	39.79 1.84 0.01	38.55 1.70 0.00	41.22 1.42 0.00	51.16 1.30 0.00	50.86 1.11 1.62	49.01 1.21 0.00	50.35 1.28 0.00	50.33 0.85 0.00	41.60 0.67 0.00	38.21 0.98 0.00
NORTHPORT___4 23650	40.35 0.72 0.00	46.37 1.12 0.00	41.98 0.93 0.00	39.40 0.95 0.00	42.29 0.80 0.00	43.70 0.40 0.52	91.55 0.75 0.00	116.33 2.47 4.20	95.43 1.64 18.18	48.31 1.28 0.00	45.92 1.81 0.09	45.53 2.23 0.00	42.11 2.05 0.00	39.58 1.73 0.00	39.79 1.84 0.01	38.55 1.70 0.00	41.22 1.42 0.00	51.16 1.30 0.00	50.86 1.11 1.62	49.01 1.21 0.00	50.35 1.28 0.00	50.33 0.85 0.00	41.60 0.67 0.00	38.21 0.98 0.00
NORTHPORT___IC 23718	40.45 0.82 0.00	46.47 1.22 0.00	42.08 1.03 0.00	39.49 1.04 0.00	42.39 0.90 0.00	43.80 0.50 0.52	91.76 0.96 0.00	116.62 2.77 4.22	95.59 1.86 18.24	48.40 1.38 0.00	46.02 1.90 0.10	45.61 2.32 0.00	42.19 2.13 0.00	39.64 1.79 0.00	39.85 1.90 0.01	38.59 1.74 0.00	41.30 1.50 0.00	51.28 1.42 0.00	50.97 1.23 1.63	49.12 1.32 0.00	50.47 1.40 0.00	50.45 0.97 0.00	41.71 0.77 0.00	38.30 1.07 0.00
NORTH___COUNTRY_ESR 323785	40.57 0.93 0.00	46.30 1.05 0.00	42.02 0.97 0.00	39.30 0.85 0.00	42.33 0.85 0.00	44.50 0.67 0.00	91.70 0.89 0.00	118.34 0.28 0.00	125.68 1.41 -12.30	47.70 0.61 -0.06	44.81 0.60 0.00	43.84 0.54 0.00	40.59 0.53 0.00	38.46 0.61 0.00	38.53 0.58 0.00	37.31 0.46 0.00	40.06 0.26 0.00	50.30 0.44 0.00	51.76 0.39 0.00	48.20 0.40 0.00	49.52 0.45 0.00	50.03 0.56 0.00	41.61 0.67 0.00	37.82 0.59 0.00
NPX_GEN_1385_PROXY 323591	40.30 0.66 0.00	46.44 1.18 0.00	42.05 1.00 0.00	39.53 1.08 0.00	42.43 0.94 0.00	43.95 0.66 0.53	160.73 1.30 -68.62	192.22 3.16 -70.99	95.76 2.04 18.24	48.33 1.30 0.00	43.13 1.81 2.89	45.67 2.37 0.00	42.23 2.17 0.00	39.66 1.81 0.00	39.89 1.94 0.01	56.02 1.88 -17.28	120.47 1.64 -79.03	51.34 1.48 0.00	50.96 1.22 1.63	49.03 1.23 0.00	50.46 1.39 0.00	50.46 0.99 0.00	41.68 0.75 0.00	37.79 0.94 0.38
NPX_GEN_CSC 323557	40.40 0.77 0.00	46.63 1.37 0.00	42.21 1.15 0.00	39.63 1.18 0.00	42.60 1.11 0.00	43.99 0.69 0.52	93.86 1.88 -1.17	117.81 3.94 4.19	96.84 3.02 18.14	48.30 1.28 0.00	42.92 1.59 2.88	45.19 1.89 0.00	41.92 1.86 0.00	39.29 1.44 0.00	39.68 1.73 0.00	38.75 1.90 0.00	41.52 1.72 0.00	51.46 1.60 0.00	50.96 1.19 1.61	49.24 1.43 0.00	50.77 1.70 0.00	50.70 1.22 0.00	42.01 1.08 0.00	38.68 1.45 0.00
NSINS_S_GLNS_FALLS 23858	40.79 1.15 0.00	46.54 1.29 0.00	42.43 1.38 0.00	39.79 1.34 0.00	42.71 1.22 0.00	45.27 1.45 0.00	94.89 4.08 0.00	123.07 5.00 0.00	116.13 4.16 0.00	48.52 1.49 0.00	45.54 1.33 0.00	44.76 1.47 0.00	41.48 1.42 0.00	39.26 1.41 0.00	39.39 1.44 0.00	38.30 1.45 0.00	41.56 1.76 0.00	52.33 2.47 0.00	53.76 2.39 0.00	50.05 2.25 0.00	51.38 2.31 0.00	51.43 1.95 0.00	42.40 1.46 0.00	38.43 1.19 0.00
NUCOR_STEEL___DRP 24197	39.68 0.05 0.00	45.24 -0.01 0.00	41.04 -0.01 0.00	38.43 -0.02 0.00	41.61 0.12 0.00	43.83 0.01 0.00	91.12 0.31 0.00	122.76 0.78 -3.91	124.56 0.02 -12.57	46.91 -0.12 0.00	44.01 -0.20 0.00	42.97 -0.33 0.00	39.62 -0.44 0.00	37.34 -0.51 0.00	37.34 -0.61 0.00	36.17 -0.68 0.00	39.33 -0.47 0.00	51.18 -0.22 -1.54	52.63 0.04 -1.22	48.34 0.00 -0.54	49.64 -0.08 -0.65	50.34 -0.09 -0.95	40.82 -0.12 0.00	37.20 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	41.33 1.70 0.00	47.10 1.85 0.00	42.68 1.63 0.00	39.96 1.51 0.00	43.34 1.86 0.00	45.86 2.04 0.00	95.32 4.51 0.00	124.89 6.83 0.00	164.12 6.79 -45.36	48.96 1.70 -0.24	44.85 0.64 0.00	43.57 0.27 0.00	40.45 0.39 0.00	38.29 0.44 0.00	38.28 0.33 0.00	37.01 0.16 0.00	40.09 0.29 0.00	51.31 1.44 0.00	53.09 1.72 0.00	49.40 1.60 0.00	50.54 1.47 0.00	51.30 1.82 0.00	42.34 1.40 0.00	38.36 1.13 0.00
NYISO_LBMP_REFERENCE 24008	39.63 0.00 0.00	45.25 0.00 0.00	41.05 0.00 0.00	38.45 0.00 0.00	41.49 0.00 0.00	43.82 0.00 0.00	90.81 0.00 0.00	118.06 0.00 0.00	111.97 0.00 0.00	47.03 0.00 0.00	44.21 0.00 0.00	43.30 0.00 0.00	40.06 0.00 0.00	37.85 0.00 0.00	37.95 0.00 0.00	36.85 0.00 0.00	39.80 0.00 0.00	49.86 0.00 0.00	51.37 0.00 0.00	47.80 0.00 0.00	49.07 0.00 0.00	49.48 0.00 0.00	40.94 0.00 0.00	37.23 0.00 0.00
NYPA_BRENTWD____GT 24164	40.98 1.34 0.00	47.05 1.79 0.00	42.58 1.53 0.00	39.95 1.50 0.00	42.93 1.44 0.00	44.48 1.16 0.49	93.33 2.53 0.00	118.58 4.64 4.12	97.77 3.65 17.84	49.13 2.10 0.00	46.64 2.49 0.06	46.11 2.81 0.00	42.62 2.56 0.00	40.05 2.20 0.00	40.30 2.35 0.00	39.13 2.28 0.00	41.95 2.15 0.00	52.17 2.31 0.00	52.00 2.18 1.55	50.01 2.21 0.00	51.42 2.35 0.00	51.34 1.86 0.00	42.41 1.47 0.00	38.91 1.68 0.00

NYPA_GOWANUS____GT5 24156	40.96 1.33 0.00	46.65 1.40 0.00	42.28 1.23 0.00	39.68 1.23 0.00	42.76 1.27 0.00	45.38 1.56 0.00	94.31 3.51 0.00	124.65 6.59 0.00	117.21 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.66 0.00	54.04 2.66 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.77 2.30 0.00	42.74 1.81 0.00	39.01 1.78 0.00
NYPA_GOWANUS____GT6 24157	40.96 1.33 0.00	46.65 1.40 0.00	42.28 1.23 0.00	39.68 1.23 0.00	42.76 1.27 0.00	45.38 1.56 0.00	94.31 3.51 0.00	124.65 6.59 0.00	117.21 5.25 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.35 2.55 0.00	52.53 2.66 0.00	54.04 2.66 0.00	50.39 2.59 0.00	51.55 2.48 0.00	51.77 2.30 0.00	42.74 1.81 0.00	39.01 1.78 0.00
NYPA_HARLEM__RVR__GT1 24160	40.69 1.06 0.00	46.38 1.13 0.00	42.07 1.02 0.00	39.49 1.04 0.00	42.55 1.06 0.00	45.13 1.31 0.00	93.78 2.99 0.01	124.12 6.05 0.00	116.72 4.75 0.00	49.19 2.16 0.00	46.86 2.65 0.00	46.07 2.77 0.00	42.58 2.52 0.00	40.09 2.24 0.00	40.33 2.38 0.00	39.25 2.41 0.00	42.11 2.32 0.00	52.24 2.38 0.00	53.72 2.35 0.00	50.12 2.31 0.00	51.26 2.19 0.00	51.52 2.05 0.00	42.50 1.57 0.00	38.79 1.56 0.00
NYPA_HARLEM__RVR__GT2 24161	40.69 1.06 0.00	46.38 1.13 0.00	42.07 1.02 0.00	39.49 1.04 0.00	42.55 1.06 0.00	45.13 1.31 0.00	93.78 2.99 0.01	124.12 6.05 0.00	116.72 4.75 0.00	49.19 2.16 0.00	46.86 2.65 0.00	46.07 2.77 0.00	42.58 2.52 0.00	40.09 2.24 0.00	40.33 2.38 0.00	39.25 2.41 0.00	42.11 2.32 0.00	52.24 2.38 0.00	53.72 2.35 0.00	50.12 2.31 0.00	51.26 2.19 0.00	51.52 2.05 0.00	42.50 1.57 0.00	38.79 1.56 0.00
NYPA_KENT____GT 24152	40.91 1.28 0.00	46.63 1.38 0.00	42.26 1.21 0.00	39.66 1.21 0.00	42.74 1.26 0.00	45.36 1.53 0.00	94.19 3.38 0.00	124.47 6.41 0.00	117.04 5.07 0.00	49.44 2.41 0.00	46.98 2.77 0.00	46.21 2.92 0.00	42.71 2.65 0.00	40.21 2.36 0.00	40.42 2.47 0.00	39.37 2.52 0.00	42.32 2.53 0.00	52.47 2.61 0.00	53.94 2.57 0.00	50.30 2.50 0.00	51.45 2.38 0.00	51.68 2.21 0.00	42.69 1.75 0.00	38.96 1.73 0.00
NYPA_POUCH1____GT 24155	41.11 1.48 0.00	46.93 1.67 -0.01	42.52 1.46 -0.01	39.91 1.45 -0.01	43.02 1.52 -0.01	45.65 1.82 -0.01	94.81 4.00 -0.01	125.36 7.29 -0.01	117.67 5.71 0.00	49.48 2.45 0.00	46.99 2.78 0.00	46.19 2.89 0.00	42.65 2.59 0.00	40.15 2.30 0.00	40.36 2.41 0.00	39.32 2.47 0.00	42.29 2.49 0.00	52.52 2.65 0.00	54.04 2.66 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.79 2.31 0.00	42.87 1.93 0.00	39.21 1.98 0.00
NYPA_VERNON____GT2 24162	40.88 1.24 0.00	46.60 1.35 0.00	42.22 1.17 0.00	39.64 1.19 0.00	42.71 1.22 0.00	45.32 1.50 0.00	94.07 3.26 0.00	124.25 6.19 0.00	116.91 4.95 0.00	49.41 2.38 0.00	46.95 2.74 0.00	46.18 2.88 0.00	42.69 2.62 0.00	40.20 2.35 0.00	40.41 2.46 0.00	39.35 2.50 0.00	42.30 2.50 0.00	52.41 2.55 0.00	53.86 2.49 0.00	50.19 2.39 0.00	51.35 2.28 0.00	51.57 2.09 0.00	42.61 1.68 0.00	38.91 1.68 0.00
NYPA_VERNON____GT3 24163	40.88 1.24 0.00	46.60 1.35 0.00	42.22 1.17 0.00	39.64 1.19 0.00	42.71 1.22 0.00	45.32 1.50 0.00	94.07 3.26 0.00	124.25 6.19 0.00	116.91 4.95 0.00	49.41 2.38 0.00	46.95 2.74 0.00	46.18 2.88 0.00	42.69 2.62 0.00	40.20 2.35 0.00	40.41 2.46 0.00	39.35 2.50 0.00	42.30 2.50 0.00	52.41 2.55 0.00	53.86 2.49 0.00	50.19 2.39 0.00	51.35 2.28 0.00	51.57 2.09 0.00	42.61 1.68 0.00	38.91 1.68 0.00
NYPA____ASTORIA_CC1 323568	40.82 1.18 0.00	46.53 1.27 0.00	42.18 1.12 0.00	39.60 1.15 0.00	42.67 1.18 0.00	45.26 1.44 0.00	93.90 3.10 0.00	124.12 6.06 0.00	116.71 4.74 0.00	49.32 2.29 0.00	46.87 2.66 0.00	46.10 2.81 0.00	42.62 2.56 0.00	40.13 2.28 0.00	40.35 2.40 0.00	39.28 2.43 0.00	42.21 2.41 0.00	52.31 2.45 0.00	53.75 2.38 0.00	50.11 2.31 0.00	51.24 2.18 0.00	51.50 2.02 0.00	42.54 1.60 0.00	38.85 1.62 0.00
NYPA____ASTORIA_CC2 323569	40.82 1.18 0.00	46.53 1.27 0.00	42.18 1.12 0.00	39.60 1.15 0.00	42.67 1.18 0.00	45.26 1.44 0.00	93.90 3.10 0.00	124.12 6.06 0.00	116.71 4.74 0.00	49.32 2.29 0.00	46.87 2.66 0.00	46.10 2.81 0.00	42.62 2.56 0.00	40.13 2.28 0.00	40.35 2.40 0.00	39.28 2.43 0.00	42.21 2.41 0.00	52.31 2.45 0.00	53.75 2.38 0.00	50.11 2.31 0.00	51.24 2.18 0.00	51.50 2.02 0.00	42.54 1.60 0.00	38.85 1.62 0.00
NYPA____HOLTSVILL 23794	40.41 0.77 0.00	46.49 1.24 0.00	42.09 1.03 0.00	39.50 1.05 0.00	42.46 0.97 0.00	43.91 0.61 0.52	92.26 1.46 0.00	117.30 3.43 4.20	96.34 2.54 18.17	48.38 1.35 0.00	45.86 1.74 0.09	45.34 2.04 0.00	41.98 1.91 0.00	39.39 1.54 0.00	39.70 1.75 0.00	38.65 1.80 0.00	41.40 1.61 0.00	51.37 1.51 0.00	50.97 1.21 1.61	49.21 1.41 0.00	50.66 1.58 0.00	50.57 1.09 0.00	41.86 0.93 0.00	38.51 1.28 0.00
NYPA____HELLGATE_GT1 24158	40.68 1.06 0.02	46.37 1.13 0.01	42.06 1.02 0.02	39.47 1.04 0.02	42.53 1.06 0.02	45.12 1.31 0.02	93.79 2.99 0.00	124.12 6.05 0.00	116.72 4.75 0.00	49.19 2.16 0.00	46.86 2.65 0.00	46.07 2.77 0.00	42.58 2.52 0.00	40.09 2.24 0.00	40.33 2.38 0.00	39.25 2.41 0.00	42.11 2.32 0.00	52.24 2.38 0.00	53.72 2.35 0.00	50.12 2.31 0.00	51.26 2.19 0.00	51.53 2.05 0.00	42.50 1.57 0.00	38.79 1.56 0.00
NYPA____HELLGATE_GT2 24159	40.68 1.06 0.02	46.37 1.13 0.01	42.06 1.02 0.02	39.47 1.04 0.02	42.53 1.06 0.02	45.12 1.31 0.02	93.79 2.99 0.00	124.12 6.05 0.00	116.72 4.75 0.00	49.19 2.16 0.00	46.86 2.65 0.00	46.07 2.77 0.00	42.58 2.52 0.00	40.09 2.24 0.00	40.33 2.38 0.00	39.25 2.41 0.00	42.11 2.32 0.00	52.24 2.38 0.00	53.72 2.35 0.00	50.12 2.31 0.00	51.26 2.19 0.00	51.53 2.05 0.00	42.50 1.57 0.00	38.79 1.56 0.00
NYS_BARGE____HYD 23848	38.53 -0.48 0.62	43.79 -0.60 0.87	39.38 -0.79 0.88	36.62 -1.18 0.65	40.42 -0.61 0.46	41.70 -1.22 0.90	83.57 -6.29 0.95	91.73 -8.55 17.78	62.66 -8.39 40.92	44.10 -2.75 0.18	42.32 -1.74 0.15	41.12 -2.17 0.00	37.63 -2.43 0.00	35.18 -2.61 0.06	34.91 -3.04 0.00	33.66 -3.19 0.00	35.17 -4.24 0.39	39.74 -5.15 4.97	43.01 -5.00 3.36	40.96 -4.74 2.10	41.56 -4.87 2.63	42.37 -4.46 2.65	36.77 -3.29 0.87	34.58 -2.11 0.54
OAK ORCHARD____HYD 24046	39.18 -0.15 0.30	44.60 -0.23 0.42	40.27 -0.35 0.43	37.59 -0.54 0.31	41.03 -0.23 0.22	42.97 -0.42 0.44	88.12 -2.22 0.46	105.17 -2.76 10.14	82.67 -3.13 26.17	46.06 -0.97 0.00	43.59 -0.55 0.07	42.54 -0.76 0.00	39.07 -0.99 0.00	36.69 -1.16 0.00	36.56 -1.39 0.00	35.39 -1.46 0.00	37.84 -1.79 0.17	44.81 -1.95 3.10	47.58 -1.76 2.03	44.94 -1.70 1.16	45.80 -1.81 1.47	46.18 -1.69 1.60	39.29 -1.27 0.38	36.19 -0.81 0.23

OAKDALE___35_KV_LOAD 356122	39.54 -0.09 0.00	45.21 -0.05 0.00	40.95 -0.10 0.00	38.33 -0.13 0.00	41.51 0.02 0.00	43.94 0.12 0.00	90.92 0.12 0.00	116.11 0.73 2.68	102.48 -0.31 9.17	47.06 0.03 0.00	44.40 0.19 0.00	43.41 0.11 0.00	40.04 -0.02 0.00	37.73 -0.12 0.00	37.76 -0.19 0.00	36.69 -0.16 0.00	39.62 -0.18 0.00	49.29 -0.20 0.37	51.29 -0.09 0.00	47.73 -0.07 0.00	48.32 -0.11 0.65	49.33 -0.14 0.00	40.81 -0.12 0.00	37.22 -0.01 0.00
OCC_CHEM___DRP 24175	38.81 -0.83 0.00	44.26 -0.99 0.00	39.90 -1.15 0.00	36.91 -1.55 0.00	40.47 -1.02 0.00	42.19 -1.63 0.00	83.18 -7.62 0.00	95.08 -10.38 12.60	59.77 -10.06 42.13	43.62 -3.41 0.00	41.91 -2.30 0.00	40.59 -2.70 0.00	37.13 -2.93 0.00	34.81 -3.04 0.00	34.48 -3.47 0.00	33.23 -3.62 0.00	35.10 -4.70 0.00	39.32 -5.88 4.66	42.94 -5.87 2.56	41.08 -5.60 1.12	41.80 -5.72 1.56	42.22 -5.27 1.99	37.08 -3.86 0.00	34.76 -2.46 0.00
OH_GEN_PROXY 24063	38.05 -0.83 0.75	43.24 -0.97 1.05	38.86 -1.13 1.07	36.16 -1.50 0.78	39.93 -1.00 0.55	41.17 -1.56 1.09	84.15 -6.69 -0.03	89.09 -9.35 19.63	60.21 -9.45 42.31	43.80 -3.00 0.24	39.30 -1.93 2.98	41.00 -2.29 0.00	37.51 -2.55 0.00	35.06 -2.71 0.08	34.84 -3.11 0.00	33.60 -3.25 0.00	35.05 -4.26 0.48	39.30 -5.34 5.22	42.46 -5.28 3.63	40.45 -4.98 2.37	41.04 -5.09 2.94	41.83 -4.76 2.89	36.37 -3.49 1.08	34.22 -2.35 0.67
OLIN_CORP_DRP 24177	38.70 -0.93 0.00	44.12 -1.13 0.00	39.80 -1.25 0.00	36.84 -1.61 0.00	40.41 -1.08 0.00	42.03 -1.79 0.00	83.07 -7.74 0.00	94.86 -10.49 12.72	59.58 -9.94 42.45	43.62 -3.41 0.00	41.91 -2.30 0.00	40.58 -2.72 0.00	37.13 -2.93 0.00	34.79 -3.06 0.00	34.47 -3.48 0.00	33.22 -3.63 0.00	35.04 -4.76 0.00	39.20 -5.96 4.70	42.91 -5.88 2.58	41.05 -5.62 1.13	41.74 -5.77 1.57	42.24 -5.24 1.99	36.98 -3.96 0.00	34.60 -2.63 0.00
OLIN_CORP_DSASP 323712	38.11 -0.81 0.71	43.29 -0.97 0.99	38.90 -1.14 1.01	36.17 -1.54 0.74	39.95 -1.01 0.53	41.16 -1.63 1.03	82.16 -7.56 1.09	88.26 -10.40 19.41	58.76 -10.15 43.05	43.40 -3.41 0.22	41.74 -2.30 0.17	40.60 -2.70 0.00	37.13 -2.93 0.00	34.72 -3.06 0.07	34.48 -3.46 0.00	33.23 -3.62 0.00	34.64 -4.71 0.46	38.74 -5.85 5.27	41.90 -5.85 3.62	39.92 -5.56 2.32	40.51 -5.67 2.89	41.32 -5.28 2.87	36.08 -3.83 1.02	34.14 -2.46 0.63
ONEIDA_HERK_LFGE 323681	40.82 1.19 0.00	46.59 1.34 0.00	42.24 1.19 0.00	39.57 1.12 0.00	42.83 1.34 0.00	45.34 1.52 0.00	94.34 3.53 0.00	124.08 6.01 0.00	142.98 6.04 -24.97	48.91 1.76 -0.13	45.15 0.95 0.00	43.88 0.58 0.00	40.61 0.55 0.00	38.42 0.57 0.00	38.41 0.46 0.00	37.17 0.33 0.00	40.35 0.56 0.00	51.19 1.33 0.00	52.89 1.52 0.00	49.29 1.49 0.00	50.50 1.43 0.00	51.00 1.53 0.00	42.10 1.16 0.00	38.20 0.97 0.00
ONEIDA___115KV_TB4 55905	40.64 1.01 0.00	46.42 1.17 0.00	42.10 1.05 0.00	39.43 0.98 0.00	42.74 1.25 0.00	45.34 1.52 0.00	94.35 3.55 0.00	124.56 4.21 -2.29	122.76 2.82 -7.97	47.89 0.86 0.00	44.82 0.61 0.00	43.96 0.67 0.00	40.67 0.61 0.00	38.45 0.60 0.00	38.36 0.41 0.00	36.99 0.14 0.00	40.17 0.37 0.00	51.03 1.00 -0.17	53.20 1.30 -0.53	49.61 1.58 -0.23	50.92 1.55 -0.30	51.42 1.53 -0.41	42.11 1.17 0.00	38.19 0.96 0.00
ONONDAGA_REF_OCCRA 23987	39.31 -0.33 0.00	44.85 -0.40 0.00	40.67 -0.39 0.00	38.07 -0.37 0.00	41.18 -0.30 0.00	43.58 -0.24 0.00	90.38 -0.43 0.00	121.10 -0.09 -3.12	124.08 -0.91 -13.02	46.64 -0.40 0.00	43.76 -0.45 0.00	42.76 -0.54 0.00	39.50 -0.56 0.00	37.21 -0.64 0.00	37.26 -0.69 0.00	36.19 -0.66 0.00	39.17 -0.63 0.00	50.80 -0.57 -1.52	51.97 -0.43 -1.03	47.86 -0.40 -0.45	49.22 -0.45 -0.60	49.78 -0.49 -0.80	40.49 -0.44 0.00	36.87 -0.36 0.00
ONONDAGA___COGEN 23986	39.25 -0.38 0.00	44.78 -0.47 0.00	40.62 -0.44 0.00	38.03 -0.42 0.00	41.14 -0.35 0.00	43.51 -0.32 0.00	90.20 -0.60 0.00	117.70 -0.37 0.00	111.05 -0.91 0.00	46.56 -0.47 0.00	43.72 -0.49 0.00	42.74 -0.56 0.00	39.46 -0.61 0.00	37.21 -0.64 0.00	37.26 -0.70 0.00	36.19 -0.66 0.00	39.20 -0.60 0.00	49.35 -0.51 0.00	50.98 -0.40 0.00	47.40 -0.40 0.00	48.59 -0.47 0.00	48.99 -0.49 0.00	40.50 -0.44 0.00	36.87 -0.36 0.00
ONTARIO___LFGE 23819	39.77 0.13 0.00	45.41 0.16 0.00	41.10 0.05 0.00	38.38 -0.07 0.00	41.72 0.23 0.00	44.11 0.28 0.00	90.64 -0.17 0.00	103.18 -0.86 14.02	61.25 -1.97 48.74	46.33 -0.70 0.00	43.98 -0.22 0.00	42.94 -0.36 0.00	39.26 -0.80 0.00	36.86 -0.99 0.00	36.76 -1.19 0.00	35.64 -1.21 0.00	38.59 -1.30 -0.09	43.33 -1.08 5.46	47.47 -0.76 3.14	45.91 -0.67 1.23	46.52 -0.82 1.73	46.12 -0.93 2.43	40.49 -0.65 -0.21	36.97 -0.38 -0.13
ORANGEVILLE_WT_PWR 323706	39.07 -0.35 0.21	44.61 -0.35 0.29	40.24 -0.52 0.29	37.39 -0.84 0.22	40.90 -0.44 0.15	42.77 -0.75 0.30	86.31 -4.18 0.32	92.67 -6.84 18.56	39.97 -7.78 64.22	44.16 -2.87 0.00	42.40 -1.81 0.00	41.36 -1.93 0.00	37.84 -2.22 0.00	35.48 -2.37 0.00	35.17 -2.78 0.00	33.91 -2.94 0.00	36.05 -3.74 0.00	38.37 -4.33 7.16	43.33 -4.04 4.00	42.20 -3.85 1.75	42.51 -4.13 2.43	42.34 -4.04 3.11	38.01 -2.93 0.00	35.26 -1.97 0.00
ORANGEVILLE___ESR 323794	39.07 -0.35 0.21	44.61 -0.35 0.29	40.24 -0.52 0.29	37.39 -0.84 0.22	40.90 -0.44 0.15	42.77 -0.75 0.30	86.31 -4.18 0.32	92.67 -6.84 18.56	39.97 -7.78 64.22	44.16 -2.87 0.00	42.40 -1.81 0.00	41.36 -1.93 0.00	37.84 -2.22 0.00	35.48 -2.37 0.00	35.17 -2.78 0.00	33.91 -2.94 0.00	36.05 -3.74 0.00	38.37 -4.33 7.16	43.33 -4.04 4.00	42.20 -3.85 1.75	42.51 -4.13 2.43	42.34 -4.04 3.11	38.01 -2.93 0.00	35.26 -1.97 0.00
OSWEGATCHIE___HYD 24044	41.48 1.85 0.00	47.28 2.03 0.00	42.85 1.80 0.00	40.08 1.63 0.00	43.40 1.92 0.00	45.82 2.00 0.00	94.75 3.94 0.00	122.86 4.79 0.00	213.89 5.38 -96.54	48.93 1.39 -0.51	44.83 0.63 0.00	43.71 0.41 0.00	40.68 0.62 0.00	38.53 0.67 0.00	38.52 0.57 0.00	37.27 0.42 0.00	40.02 0.22 0.00	50.89 1.03 0.00	52.50 1.12 0.00	48.97 1.17 0.00	50.34 1.27 0.00	51.34 1.87 0.00	42.55 1.61 0.00	38.55 1.32 0.00
OSWEGO___5 23606	38.62 -1.01 0.00	44.08 -1.17 0.00	39.98 -1.07 0.00	37.43 -1.02 0.00	40.45 -1.04 0.00	42.75 -1.07 0.00	88.48 -2.32 0.00	115.41 -2.65 0.00	109.03 -2.94 0.00	45.80 -1.23 0.00	43.03 -1.18 0.00	42.09 -1.21 0.00	38.90 -1.17 0.00	36.70 -1.15 0.00	36.76 -1.19 0.00	35.69 -1.16 0.00	38.57 -1.23 0.00	48.45 -1.41 0.00	49.98 -1.39 0.00	46.51 -1.30 0.00	47.71 -1.36 0.00	48.10 -1.38 0.00	39.81 -1.12 0.00	36.25 -0.98 0.00
OSWEGO___6 23613	38.62 -1.01 0.00	44.08 -1.17 0.00	39.98 -1.07 0.00	37.43 -1.02 0.00	40.45 -1.04 0.00	42.75 -1.07 0.00	88.48 -2.32 0.00	115.41 -2.65 0.00	109.03 -2.94 0.00	45.80 -1.23 0.00	43.03 -1.18 0.00	42.09 -1.21 0.00	38.90 -1.17 0.00	36.70 -1.15 0.00	36.76 -1.19 0.00	35.69 -1.16 0.00	38.57 -1.23 0.00	48.45 -1.41 0.00	49.98 -1.39 0.00	46.51 -1.30 0.00	47.71 -1.36 0.00	48.10 -1.38 0.00	39.81 -1.12 0.00	36.25 -0.98 0.00

OUTOKUMPU-AB___DRP 24206	39.36 -0.28 0.00	44.89 -0.36 0.00	40.48 -0.57 0.00	37.47 -0.98 0.00	41.07 -0.41 0.00	42.90 -0.92 0.00	85.18 -5.63 0.00	97.35 -7.77 12.94	61.10 -7.72 43.14	44.57 -2.46 0.00	42.79 -1.42 0.00	41.47 -1.82 0.00	37.91 -2.15 0.00	35.52 -2.33 0.00	35.22 -2.73 0.00	33.93 -2.92 0.00	35.89 -3.91 0.00	40.31 -4.77 4.78	44.10 -4.65 2.63	42.20 -4.45 1.15	42.91 -4.57 1.59	43.24 -4.21 2.03	37.89 -3.04 0.00	35.38 -1.85 0.00
OXBOW___BTM 323836	38.35 -0.57 0.71	43.56 -0.70 0.99	39.14 -0.90 1.01	36.41 -1.30 0.74	40.21 -0.76 0.53	41.49 -1.31 1.03	83.08 -6.65 1.09	89.36 -9.15 19.55	59.34 -9.07 43.56	43.86 -2.96 0.21	42.15 -1.88 0.17	41.01 -2.28 0.00	37.50 -2.57 0.00	35.06 -2.72 0.07	34.82 -3.12 0.00	33.56 -3.29 0.00	35.00 -4.34 0.46	39.21 -5.32 5.33	42.46 -5.27 3.65	40.47 -5.00 2.33	41.04 -5.12 2.91	41.82 -4.76 2.90	36.47 -3.44 1.02	34.43 -2.18 0.63
OXBOW___ 24026	39.05 -0.59 0.00	44.54 -0.72 0.00	40.15 -0.90 0.00	37.14 -1.31 0.00	40.73 -0.76 0.00	42.50 -1.32 0.00	84.11 -6.69 0.00	96.13 -9.16 12.78	60.37 -8.95 42.65	44.07 -2.96 0.00	42.32 -1.88 0.00	41.01 -2.28 0.00	37.49 -2.57 0.00	35.14 -2.72 0.00	34.82 -3.12 0.00	33.56 -3.29 0.00	35.48 -4.32 0.00	39.79 -5.35 4.72	43.50 -5.28 2.60	41.64 -5.03 1.14	42.34 -5.16 1.57	42.70 -4.77 2.01	37.46 -3.48 0.00	35.04 -2.19 0.00
OXY_CHEM_DSASP 323612	38.81 -0.83 0.00	44.26 -0.99 0.00	39.90 -1.15 0.00	36.91 -1.55 0.00	40.47 -1.02 0.00	42.19 -1.63 0.00	83.18 -7.62 0.00	95.08 -10.38 12.60	59.77 -10.06 42.13	43.62 -3.41 0.00	41.91 -2.30 0.00	40.59 -2.70 0.00	37.13 -2.93 0.00	34.81 -3.04 0.00	34.48 -3.47 0.00	33.23 -3.62 0.00	35.10 -4.70 0.00	39.32 -5.88 4.66	42.94 -5.87 2.56	41.08 -5.60 1.12	41.80 -5.72 1.56	42.22 -5.27 1.99	37.08 -3.86 0.00	34.76 -2.46 0.00
OZONE_PARK_ESR 323760	41.19 1.56 0.00	46.99 1.73 0.00	42.55 1.50 0.00	39.94 1.49 0.00	43.07 1.58 0.00	45.73 1.91 0.00	95.20 4.39 0.00	125.49 7.42 0.00	118.18 6.22 0.00	49.95 2.92 0.00	47.36 3.16 0.00	46.63 3.33 0.00	43.10 3.04 0.00	40.59 2.74 0.00	40.77 2.82 0.00	39.70 2.85 0.00	42.78 2.98 0.00	53.07 3.21 0.00	54.61 3.24 0.00	50.88 3.08 0.00	52.05 2.98 0.00	52.22 2.74 0.00	43.14 2.21 0.00	39.32 2.09 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.81 -0.83 0.00	44.26 -0.99 0.00	39.90 -1.15 0.00	36.91 -1.55 0.00	40.47 -1.02 0.00	42.19 -1.63 0.00	83.18 -7.62 0.00	95.08 -10.38 12.60	59.77 -10.06 42.13	43.62 -3.41 0.00	41.91 -2.30 0.00	40.59 -2.70 0.00	37.13 -2.93 0.00	34.81 -3.04 0.00	34.48 -3.47 0.00	33.23 -3.62 0.00	35.10 -4.70 0.00	39.32 -5.88 4.66	42.94 -5.87 2.56	41.08 -5.60 1.12	41.80 -5.72 1.56	42.22 -5.27 1.99	37.08 -3.86 0.00	34.76 -2.46 0.00
PACKARD___115KV_DUPONT_184 80571	38.11 -0.81 0.71	43.29 -0.97 0.99	38.90 -1.14 1.01	36.17 -1.54 0.74	39.95 -1.01 0.53	41.16 -1.63 1.03	82.16 -7.56 1.09	88.26 -10.40 19.41	58.76 -10.15 43.05	43.40 -3.41 0.22	41.74 -2.30 0.17	40.60 -2.70 0.00	37.13 -2.93 0.00	34.72 -3.06 0.07	34.48 -3.46 0.00	33.23 -3.62 0.00	34.64 -4.71 0.46	38.74 -5.85 5.27	41.90 -5.85 3.62	39.92 -5.56 2.32	40.51 -5.67 2.89	41.32 -5.28 2.87	36.08 -3.83 1.02	34.14 -2.46 0.63
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	40.83 1.19 0.00	46.57 1.32 0.00	42.27 1.22 0.00	39.67 1.22 0.00	42.75 1.26 0.00	45.34 1.52 0.00	94.21 3.40 0.00	124.40 6.33 0.00	116.88 4.91 0.00	49.24 2.21 0.00	46.84 2.63 0.00	46.04 2.75 0.00	42.55 2.49 0.00	40.06 2.21 0.00	40.30 2.35 0.00	39.23 2.38 0.00	42.12 2.32 0.00	52.30 2.44 0.00	53.80 2.42 0.00	50.23 2.43 0.00	51.39 2.32 0.00	51.66 2.19 0.00	42.62 1.69 0.00	38.90 1.67 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.58 1.95 0.00	47.49 2.24 0.00	43.20 2.15 0.00	40.56 2.11 0.00	43.78 2.29 0.00	46.46 2.64 0.00	96.49 5.69 0.00	127.10 9.03 0.00	119.30 7.34 0.00	50.25 3.22 0.00	47.81 3.60 0.00	46.96 3.67 0.00	43.38 3.32 0.00	40.80 2.95 0.00	41.05 3.10 0.00	39.95 3.10 0.00	42.91 3.11 0.00	53.25 3.39 0.00	54.86 3.49 0.00	51.21 3.41 0.00	52.26 3.19 0.00	52.53 3.05 0.00	43.34 2.40 0.00	39.56 2.33 0.00
PATROON___115KV_TB1 80586	39.66 0.03 0.00	45.27 0.01 0.00	41.13 0.08 0.00	38.59 0.14 0.00	41.52 0.04 0.00	43.98 0.15 0.00	91.42 0.61 0.00	119.30 1.24 0.00	112.69 0.72 0.00	47.28 0.25 0.00	44.36 0.15 0.00	43.61 0.31 0.00	40.44 0.38 0.00	38.25 0.40 0.00	38.55 0.60 0.00	37.50 0.65 0.00	40.59 0.79 0.00	50.70 0.84 0.00	52.06 0.68 0.00	48.45 0.65 0.00	49.70 0.63 0.00	49.93 0.45 0.00	41.21 0.27 0.00	37.41 0.18 0.00
PATTRSNVILLE___SOLAR 323815	40.52 0.88 0.00	46.25 1.00 0.00	41.99 0.94 0.00	39.36 0.91 0.00	42.43 0.94 0.00	44.90 1.08 0.00	93.35 2.54 0.00	121.83 3.76 0.00	114.64 2.68 0.00	47.72 0.70 0.00	44.76 0.55 0.00	43.91 0.62 0.00	40.79 0.72 0.00	38.53 0.68 0.00	38.58 0.63 0.00	37.34 0.50 0.00	40.54 0.74 0.00	51.19 1.33 0.00	52.91 1.54 0.00	49.26 1.46 0.00	50.53 1.46 0.00	50.87 1.40 0.00	41.97 1.04 0.00	38.11 0.88 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.30 -0.33 0.00	44.89 -0.36 0.00	40.48 -0.58 0.00	37.49 -0.96 0.00	41.04 -0.44 0.00	43.02 -0.80 0.00	86.28 -4.53 0.00	96.69 -6.72 14.65	56.71 -7.02 48.23	44.86 -2.17 0.00	43.09 -1.12 0.00	41.85 -1.44 0.00	38.24 -1.82 0.00	35.78 -2.07 0.00	35.43 -2.52 0.00	34.23 -2.61 0.00	36.30 -3.50 0.00	40.29 -4.24 5.33	44.42 -4.06 2.91	42.77 -3.77 1.27	43.39 -3.91 1.77	43.53 -3.69 2.25	38.22 -2.72 0.00	35.46 -1.78 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	41.02 1.38 0.00	46.83 1.58 0.00	42.43 1.37 0.00	39.81 1.36 0.00	42.93 1.45 0.00	45.56 1.74 0.00	94.82 4.01 0.00	124.74 6.68 0.00	117.48 5.51 0.00	49.50 2.47 0.00	46.84 2.63 0.00	46.05 2.75 0.00	42.55 2.49 0.00	40.08 2.23 0.00	40.28 2.33 0.00	39.23 2.38 0.00	42.34 2.55 0.00	52.66 2.79 0.00	54.23 2.86 0.00	50.52 2.72 0.00	51.67 2.59 0.00	51.89 2.41 0.00	42.86 1.92 0.00	39.04 1.81 0.00
PEEKSKILL___ 23653	40.63 0.99 0.00	46.41 1.16 0.00	42.03 0.97 0.00	39.44 0.99 0.00	42.52 1.04 0.00	45.11 1.29 0.00	93.82 3.02 0.00	123.43 5.37 0.00	116.23 4.27 0.00	49.01 1.98 0.00	46.45 2.24 0.00	45.72 2.42 0.00	42.27 2.21 0.00	39.81 1.96 0.00	40.01 2.06 0.00	38.95 2.10 0.00	41.98 2.19 0.00	52.12 2.26 0.00	53.65 2.27 0.00	49.97 2.16 0.00	51.12 2.05 0.00	51.36 1.88 0.00	42.46 1.52 0.00	38.73 1.50 0.00
PGE MADISON___WINDPWR 24146	42.12 2.49 0.00	48.15 2.90 0.00	43.66 2.61 0.00	40.93 2.48 0.00	44.43 2.95 0.00	47.35 3.53 0.00	98.79 7.98 0.00	145.46 11.26 -16.13	175.54 8.98 -54.59	49.94 2.91 0.00	46.69 2.48 0.00	45.45 2.15 0.00	41.95 1.89 0.00	39.32 1.47 0.00	39.28 1.33 0.00	38.26 1.41 0.00	41.97 2.17 0.00	60.25 3.69 -6.70	60.45 4.11 -4.97	53.60 3.61 -2.18	55.32 3.71 -2.54	57.05 3.72 -3.86	43.84 2.90 0.00	39.68 2.45 0.00

PIERCEFIELD___HYD 23852	41.66 2.02 0.00	47.51 2.26 0.00	43.09 2.03 0.00	40.25 1.80 0.00	43.49 2.00 0.00	45.80 1.98 0.00	94.34 3.54 0.00	121.61 3.55 0.00	257.17 4.99 -140.22	49.36 1.60 -0.74	45.38 1.17 0.00	44.32 1.02 0.00	41.12 1.05 0.00	38.95 1.10 0.00	38.95 1.00 0.00	37.74 0.89 0.00	40.37 0.57 0.00	50.85 0.99 0.00	52.23 0.85 0.00	48.85 1.04 0.00	50.38 1.30 0.00	51.36 1.88 0.00	42.75 1.81 0.00	38.76 1.53 0.00
PINELAWN_CC_1 323563	40.78 1.15 0.00	46.75 1.49 0.00	42.30 1.24 0.00	39.69 1.24 0.00	42.67 1.18 0.00	44.06 0.68 0.43	92.16 1.35 0.00	117.33 3.18 3.91	97.30 2.27 16.93	48.43 1.40 0.00	46.04 1.83 0.00	45.38 2.09 0.00	41.93 1.87 0.00	39.42 1.57 0.00	39.67 1.72 0.00	38.55 1.70 0.00	41.40 1.60 0.00	51.47 1.61 0.00	51.51 1.52 1.38	49.37 1.57 0.00	50.70 1.63 0.00	50.66 1.19 0.00	41.96 1.02 0.00	38.76 1.53 0.00
PJM_GEN_HTTP_PROXY 323702	40.87 1.23 0.00	46.65 1.40 0.00	42.24 1.19 0.00	39.64 1.19 0.00	42.75 1.26 0.00	46.46 1.54 -1.10	94.34 3.53 0.00	124.29 6.23 0.00	117.07 5.11 0.00	49.49 2.46 0.00	46.94 2.73 0.00	46.20 2.90 0.00	42.71 2.65 0.00	40.24 2.39 0.00	40.42 2.47 0.00	39.35 2.50 0.00	42.40 2.61 0.00	52.58 2.72 0.00	54.08 2.70 0.00	50.36 2.56 0.00	51.52 2.45 0.00	51.71 2.24 0.00	42.74 1.80 0.00	38.97 1.75 0.00
PJM_GEN_KEystone 24065	38.63 -0.14 0.86	43.96 -0.08 1.21	39.59 -0.24 1.23	37.21 -0.34 0.90	40.77 -0.08 0.64	43.63 -0.04 0.15	88.69 -0.79 1.32	121.38 -1.25 -4.56	35.39 -2.44 74.14	46.23 -0.51 0.29	44.31 0.30 0.21	43.72 0.42 0.00	40.07 0.00 0.00	37.49 -0.27 0.10	37.59 -0.36 0.00	36.44 -0.41 0.00	38.43 -0.78 0.59	44.56 -1.20 4.10	47.26 -1.07 3.04	44.61 -0.92 2.28	45.23 -1.03 2.82	45.94 -1.09 2.44	38.84 -0.78 1.31	36.04 -0.38 0.81
PJM_GEN_NEPTUNE_PROXY 323594	40.48 0.85 0.00	46.39 1.14 0.00	41.97 0.92 0.00	39.39 0.94 0.00	42.37 0.88 0.00	45.08 0.71 -0.55	92.37 1.57 0.00	117.18 3.45 4.34	95.79 2.61 18.79	48.63 1.60 0.00	46.16 2.08 0.14	45.61 2.31 0.00	42.17 2.11 0.00	39.66 1.81 0.00	39.89 1.95 0.01	38.73 1.88 0.00	41.57 1.78 0.00	51.64 1.77 0.00	51.28 1.63 1.73	49.47 1.67 0.00	50.77 1.70 0.00	50.80 1.33 0.00	42.00 1.07 0.00	38.49 1.26 0.00
PJM_GEN_VFT_PROXY 323633	40.70 1.07 0.00	46.42 1.17 0.00	42.04 0.98 0.00	39.46 1.01 0.00	42.54 1.05 0.00	46.26 1.34 -1.10	93.96 3.15 0.00	123.87 5.80 0.00	116.67 4.71 0.00	49.37 2.34 0.00	46.84 2.63 0.00	46.11 2.81 0.00	42.64 2.58 0.00	40.17 2.32 0.00	40.36 2.40 0.00	39.29 2.44 0.00	42.34 2.55 0.00	52.48 2.62 0.00	53.97 2.59 0.00	50.26 2.46 0.00	51.40 2.33 0.00	51.58 2.10 0.00	42.61 1.67 0.00	38.83 1.60 0.00
PLATSBRG_115KV_PMLD1 355749	40.74 1.11 0.00	46.48 1.22 0.00	42.23 1.18 0.00	39.54 1.09 0.00	42.45 0.96 0.00	44.50 0.68 0.00	91.33 0.53 0.00	117.62 -0.44 0.00	112.67 0.71 0.00	47.47 0.44 0.00	44.78 0.57 0.00	43.89 0.59 0.00	40.66 0.59 0.00	38.51 0.66 0.00	38.62 0.67 0.00	37.36 0.51 0.00	39.92 0.12 0.00	50.10 0.24 0.00	51.42 0.04 0.00	47.92 0.12 0.00	49.22 0.15 0.00	49.85 0.38 0.00	41.65 0.71 0.00	38.02 0.79 0.00
PLEASANTVLY___LBMP 24000	40.45 0.81 0.00	46.19 0.95 0.00	41.86 0.81 0.00	39.28 0.83 0.00	42.34 0.85 0.00	44.88 1.06 0.00	93.25 2.44 0.00	122.54 4.47 0.00	115.46 3.50 0.00	48.70 1.67 0.00	46.09 1.88 0.00	45.35 2.06 0.00	41.95 1.89 0.00	39.52 1.67 0.00	39.73 1.78 0.00	38.67 1.82 0.00	41.69 1.89 0.00	51.79 1.93 0.00	53.26 1.89 0.00	49.62 1.82 0.00	50.80 1.72 0.00	51.06 1.58 0.00	42.22 1.29 0.00	38.48 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.73 1.10 0.00	46.52 1.26 0.00	42.14 1.09 0.00	39.53 1.09 0.00	42.64 1.15 0.00	45.20 1.38 0.00	94.01 3.21 0.00	123.70 5.64 0.00	116.48 4.51 0.00	49.17 2.14 0.00	46.59 2.38 0.00	45.85 2.55 0.00	42.39 2.33 0.00	39.92 2.07 0.00	40.11 2.16 0.00	39.05 2.20 0.00	42.10 2.30 0.00	52.27 2.41 0.00	53.80 2.42 0.00	50.10 2.29 0.00	51.28 2.21 0.00	51.49 2.01 0.00	42.57 1.64 0.00	38.81 1.58 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.73 1.10 0.00	46.52 1.26 0.00	42.14 1.09 0.00	39.53 1.09 0.00	42.64 1.15 0.00	45.20 1.38 0.00	94.01 3.21 0.00	123.70 5.64 0.00	116.48 4.51 0.00	49.17 2.14 0.00	46.59 2.38 0.00	45.85 2.55 0.00	42.39 2.33 0.00	39.92 2.07 0.00	40.11 2.16 0.00	39.05 2.20 0.00	42.10 2.30 0.00	52.27 2.41 0.00	53.80 2.42 0.00	50.10 2.29 0.00	51.28 2.21 0.00	51.49 2.01 0.00	42.57 1.64 0.00	38.81 1.58 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.81 1.18 0.00	46.60 1.35 0.00	42.23 1.18 0.00	39.63 1.18 0.00	42.73 1.24 0.00	45.31 1.48 0.00	94.21 3.41 0.00	123.86 5.80 0.00	116.66 4.69 0.00	49.11 2.08 0.00	46.40 2.19 0.00	45.59 2.29 0.00	42.15 2.08 0.00	39.71 1.87 0.00	39.88 1.93 0.00	38.84 1.99 0.00	41.95 2.16 0.00	52.25 2.39 0.00	53.79 2.42 0.00	50.11 2.30 0.00	51.31 2.24 0.00	51.55 2.08 0.00	42.59 1.66 0.00	38.77 1.54 0.00
POLETTI____ 23519	40.24 0.62 0.01	45.87 0.63 0.01	41.61 0.56 0.01	39.06 0.62 0.01	42.08 0.60 0.01	44.63 0.82 0.01	92.80 2.00 0.01	122.92 4.85 0.00	115.63 3.67 0.00	48.72 1.69 0.00	46.40 2.20 0.00	45.63 2.33 0.00	42.18 2.12 0.00	39.71 1.86 0.00	39.96 2.01 0.00	38.90 2.05 0.00	41.77 1.97 0.00	51.79 1.93 0.00	53.24 1.86 0.00	49.66 1.85 0.00	50.76 1.69 0.00	51.03 1.55 0.00	42.08 1.14 0.00	38.41 1.18 0.00
POMONA___ESR 323819	40.69 1.06 0.00	46.48 1.23 0.00	42.10 1.04 0.00	39.49 1.04 0.00	42.60 1.11 0.00	45.19 1.37 0.00	94.05 3.25 0.00	123.68 5.62 0.00	116.31 4.34 0.00	49.01 1.98 0.00	46.48 2.27 0.00	45.75 2.46 0.00	42.30 2.23 0.00	39.82 1.97 0.00	40.03 2.08 0.00	38.97 2.12 0.00	42.04 2.24 0.00	52.20 2.34 0.00	53.72 2.35 0.00	50.05 2.25 0.00	51.21 2.14 0.00	51.44 1.97 0.00	42.54 1.61 0.00	38.81 1.58 0.00
PORT_JEFF_3 23555	40.49 0.85 0.00	46.59 1.34 0.00	42.17 1.12 0.00	39.57 1.12 0.00	42.55 1.06 0.00	44.01 0.70 0.51	92.51 1.71 0.00	117.62 3.75 4.19	96.68 2.87 18.15	48.49 1.47 0.00	45.96 1.83 0.08	45.42 2.13 0.00	42.03 1.96 0.00	39.40 1.55 0.00	39.72 1.77 0.00	38.68 1.83 0.00	41.41 1.61 0.00	51.31 1.45 0.00	50.93 1.16 1.61	49.22 1.41 0.00	50.69 1.61 0.00	50.56 1.08 0.00	41.86 0.93 0.00	38.54 1.31 0.00
PORT_JEFF_4 23616	40.49 0.85 0.00	46.59 1.34 0.00	42.17 1.12 0.00	39.57 1.12 0.00	42.55 1.06 0.00	44.01 0.70 0.51	92.51 1.71 0.00	117.62 3.75 4.19	96.68 2.87 18.15	48.49 1.47 0.00	45.96 1.83 0.08	45.42 2.13 0.00	42.03 1.96 0.00	39.40 1.55 0.00	39.72 1.77 0.00	38.68 1.83 0.00	41.41 1.61 0.00	51.31 1.45 0.00	50.93 1.16 1.61	49.22 1.41 0.00	50.69 1.61 0.00	50.56 1.08 0.00	41.86 0.93 0.00	38.54 1.31 0.00

PORT_JEFF_IC 23713	40.53 0.90 0.00	46.61 1.36 0.00	42.18 1.13 0.00	39.60 1.15 0.00	42.56 1.07 0.00	44.05 0.74 0.51	92.54 1.73 0.00	117.67 3.79 4.18	96.71 2.84 18.09	48.53 1.50 0.00	46.00 1.87 0.08	45.45 2.15 0.00	42.06 2.00 0.00	39.43 1.58 0.00	39.75 1.80 0.00	38.70 1.85 0.00	41.45 1.65 0.00	51.40 1.54 0.00	51.05 1.27 1.60	49.30 1.50 0.00	50.76 1.69 0.00	50.65 1.17 0.00	41.91 0.97 0.00	38.58 1.35 0.00
PPL PILGRIM_ST_GT1 24216	40.98 1.34 0.00	47.05 1.79 0.00	42.58 1.53 0.00	39.95 1.50 0.00	42.93 1.44 0.00	44.48 1.16 0.49	93.33 2.53 0.00	118.58 4.64 4.12	97.77 3.65 17.84	49.13 2.10 0.00	46.64 2.49 0.06	46.11 2.81 0.00	42.62 2.56 0.00	40.05 2.20 0.00	40.30 2.35 0.00	39.13 2.28 0.00	41.95 2.15 0.00	52.17 2.31 0.00	52.00 2.18 1.55	50.01 2.21 0.00	51.42 2.35 0.00	51.34 1.86 0.00	42.41 1.47 0.00	38.91 1.68 0.00
PPL PILGRIM_ST_GT2 24217	40.98 1.34 0.00	47.05 1.79 0.00	42.58 1.53 0.00	39.95 1.50 0.00	42.93 1.44 0.00	44.48 1.16 0.49	93.33 2.53 0.00	118.58 4.64 4.12	97.77 3.65 17.84	49.13 2.10 0.00	46.64 2.49 0.06	46.11 2.81 0.00	42.62 2.56 0.00	40.05 2.20 0.00	40.30 2.35 0.00	39.13 2.28 0.00	41.95 2.15 0.00	52.17 2.31 0.00	52.00 2.18 1.55	50.01 2.21 0.00	51.42 2.35 0.00	51.34 1.86 0.00	42.41 1.47 0.00	38.91 1.68 0.00
PPL_SHRM_GT3 24213	40.41 0.78 0.00	46.66 1.41 0.00	42.24 1.19 0.00	39.67 1.22 0.00	42.64 1.15 0.00	44.02 0.71 0.51	92.81 2.00 0.00	117.97 4.09 4.19	97.02 3.18 18.12	48.29 1.26 0.00	45.67 1.54 0.08	45.14 1.84 0.00	41.89 1.82 0.00	39.25 1.40 0.00	39.65 1.70 0.00	38.75 1.90 0.00	41.53 1.73 0.00	51.48 1.62 0.00	50.95 1.18 1.61	49.25 1.44 0.00	50.72 1.64 0.00	50.72 1.24 0.00	42.04 1.11 0.00	38.72 1.49 0.00
PPL_SHRM_GT4 24214	40.41 0.78 0.00	46.66 1.41 0.00	42.24 1.19 0.00	39.67 1.22 0.00	42.64 1.15 0.00	44.02 0.71 0.51	92.81 2.00 0.00	117.97 4.09 4.19	97.02 3.18 18.12	48.29 1.26 0.00	45.67 1.54 0.08	45.14 1.84 0.00	41.89 1.82 0.00	39.25 1.40 0.00	39.65 1.70 0.00	38.75 1.90 0.00	41.53 1.73 0.00	51.48 1.62 0.00	50.95 1.18 1.61	49.25 1.44 0.00	50.72 1.64 0.00	50.72 1.24 0.00	42.04 1.11 0.00	38.72 1.49 0.00
PROJECT___ORANGE 1 24174	39.01 -0.62 0.00	44.52 -0.73 0.00	40.37 -0.68 0.00	37.79 -0.66 0.00	40.87 -0.61 0.00	43.24 -0.58 0.00	89.58 -1.23 0.00	116.92 -1.14 0.00	110.31 -1.65 0.00	46.31 -0.72 0.00	43.50 -0.71 0.00	42.54 -0.76 0.00	39.29 -0.77 0.00	37.06 -0.79 0.00	37.11 -0.84 0.00	36.06 -0.79 0.00	39.01 -0.79 0.00	49.03 -0.83 0.00	50.61 -0.76 0.00	47.07 -0.73 0.00	48.27 -0.80 0.00	48.66 -0.81 0.00	40.23 -0.70 0.00	36.63 -0.60 0.00
PROJECT___ORANGE 2 24166	39.01 -0.62 0.00	44.52 -0.73 0.00	40.37 -0.68 0.00	37.79 -0.66 0.00	40.87 -0.61 0.00	43.24 -0.58 0.00	89.58 -1.23 0.00	116.92 -1.14 0.00	110.31 -1.65 0.00	46.31 -0.72 0.00	43.50 -0.71 0.00	42.54 -0.76 0.00	39.29 -0.77 0.00	37.06 -0.79 0.00	37.11 -0.84 0.00	36.06 -0.79 0.00	39.01 -0.79 0.00	49.03 -0.83 0.00	50.61 -0.76 0.00	47.07 -0.73 0.00	48.27 -0.80 0.00	48.66 -0.81 0.00	40.23 -0.70 0.00	36.63 -0.60 0.00
PUCKETT___SOLAR 323809	40.38 0.53 -0.21	46.24 0.69 -0.29	41.94 0.59 -0.30	39.22 0.55 -0.22	42.40 0.76 -0.16	45.10 0.97 -0.31	93.24 2.12 -0.32	124.66 3.40 -3.18	114.34 1.97 -0.41	47.78 0.75 0.00	44.85 0.64 0.00	43.58 0.29 0.00	40.08 0.02 0.00	37.74 -0.11 0.00	37.79 -0.16 0.00	36.76 -0.08 0.00	40.13 0.17 -0.17	50.73 0.65 -0.22	53.27 0.88 -1.02	49.26 0.74 -0.72	50.33 0.78 -0.49	51.06 0.76 -0.82	41.93 0.62 -0.37	38.05 0.59 -0.23
PYRITES___HYD 24023	42.22 2.58 0.00	48.17 2.92 0.00	43.70 2.64 0.00	40.81 2.36 0.00	44.09 2.61 0.00	46.48 2.67 0.00	95.97 5.16 0.00	123.64 5.58 0.00	272.30 6.86 -153.48	49.76 1.92 -0.81	45.58 1.37 0.00	44.52 1.22 0.00	41.28 1.22 0.00	39.12 1.27 0.00	39.12 1.17 0.00	37.94 1.09 0.00	40.63 0.83 0.00	51.58 1.72 0.00	53.33 1.96 0.00	49.90 2.10 0.00	51.38 2.31 0.00	52.21 2.74 0.00	43.38 2.44 0.00	39.29 2.06 0.00
QUAKERRD_115KV_BK1 80622	38.51 -1.12 0.00	43.92 -1.33 0.00	39.75 -1.31 0.00	37.06 -1.39 0.00	40.28 -1.21 0.00	42.44 -1.38 0.00	86.95 -3.85 0.00	107.00 -4.77 6.30	85.37 -4.95 21.64	45.18 -1.85 0.00	42.75 -1.46 0.00	41.67 -1.62 0.00	38.31 -1.76 0.00	36.02 -1.83 0.00	35.94 -2.02 0.00	34.81 -2.04 0.00	37.46 -2.33 0.00	44.82 -2.63 2.41	47.46 -2.54 1.38	44.78 -2.42 0.60	45.71 -2.55 0.81	45.90 -2.51 1.07	38.96 -1.98 0.00	35.69 -1.54 0.00
QUENSBRY_115KV_TB8 356137	40.78 1.15 0.00	46.54 1.29 0.00	42.44 1.39 0.00	39.80 1.35 0.00	42.70 1.21 0.00	45.29 1.46 0.00	95.00 4.19 0.00	123.19 5.13 0.00	116.23 4.27 0.00	48.54 1.51 0.00	45.57 1.36 0.00	44.83 1.53 0.00	41.57 1.51 0.00	39.32 1.47 0.00	39.45 1.51 0.00	38.37 1.52 0.00	41.61 1.82 0.00	52.43 2.57 0.00	53.85 2.48 0.00	50.14 2.33 0.00	51.47 2.40 0.00	51.49 2.01 0.00	42.44 1.50 0.00	38.44 1.21 0.00
RAMAPO___LBMP 323565	40.56 0.92 0.00	46.33 1.08 0.00	41.95 0.90 0.00	39.36 0.92 0.00	42.46 0.97 0.00	45.05 1.23 0.00	93.75 2.94 0.00	123.24 5.17 0.00	115.94 3.98 0.00	48.86 1.83 0.00	46.32 2.11 0.00	45.59 2.29 0.00	42.14 2.08 0.00	39.68 1.83 0.00	39.88 1.93 0.00	38.82 1.98 0.00	41.84 2.04 0.00	51.97 2.11 0.00	53.49 2.11 0.00	49.85 2.05 0.00	51.01 1.94 0.00	51.26 1.78 0.00	42.40 1.46 0.00	38.68 1.44 0.00
RANKINE____ 23646	39.43 -0.21 0.00	45.00 -0.25 0.00	40.58 -0.47 0.00	37.58 -0.87 0.00	41.14 -0.35 0.00	43.08 -0.74 0.00	86.10 -4.71 0.00	96.80 -6.95 14.32	57.29 -7.30 47.37	44.81 -2.22 0.00	43.04 -1.17 0.00	41.81 -1.49 0.00	38.23 -1.83 0.00	35.80 -2.05 0.00	35.45 -2.50 0.00	34.21 -2.64 0.00	36.23 -3.57 0.00	40.24 -4.38 5.24	44.31 -4.19 2.87	42.56 -3.99 1.26	43.20 -4.12 1.75	43.39 -3.86 2.22	38.14 -2.80 0.00	35.44 -1.79 0.00
RAVENSWOOD_GT2_1 24244	40.87 1.24 0.00	46.64 1.39 0.00	42.24 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.02 5.05 0.00	49.44 2.41 0.00	46.91 2.70 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.38 2.58 0.00	52.56 2.70 0.00	54.06 2.69 0.00	50.36 2.55 0.00	51.51 2.44 0.00	51.71 2.24 0.00	42.73 1.80 0.00	38.97 1.74 0.00
RAVENSWOOD_GT2_2 24245	40.87 1.24 0.00	46.64 1.39 0.00	42.24 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.02 5.05 0.00	49.44 2.41 0.00	46.91 2.70 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.38 2.58 0.00	52.56 2.70 0.00	54.06 2.69 0.00	50.36 2.55 0.00	51.51 2.44 0.00	51.71 2.24 0.00	42.73 1.80 0.00	38.97 1.74 0.00

RAVENSWOOD_GT2_3 24246	40.89 1.25 0.00	46.66 1.41 0.00	42.26 1.21 0.00	39.66 1.21 0.00	42.76 1.27 0.00	45.37 1.55 0.00	94.35 3.55 0.00	124.32 6.25 0.00	117.06 5.09 0.00	49.48 2.45 0.00	46.93 2.72 0.00	46.20 2.90 0.00	42.72 2.66 0.00	40.23 2.39 0.00	40.42 2.47 0.00	39.35 2.50 0.00	42.40 2.60 0.00	52.59 2.73 0.00	54.08 2.71 0.00	50.39 2.58 0.00	51.54 2.47 0.00	51.72 2.25 0.00	42.75 1.82 0.00	39.00 1.76 0.00
RAVENSWOOD_GT2_4 24247	40.89 1.25 0.00	46.66 1.41 0.00	42.26 1.21 0.00	39.66 1.21 0.00	42.76 1.27 0.00	45.37 1.55 0.00	94.35 3.55 0.00	124.32 6.25 0.00	117.06 5.09 0.00	49.48 2.45 0.00	46.93 2.72 0.00	46.20 2.90 0.00	42.72 2.66 0.00	40.23 2.39 0.00	40.42 2.47 0.00	39.35 2.50 0.00	42.40 2.60 0.00	52.59 2.73 0.00	54.08 2.71 0.00	50.39 2.58 0.00	51.54 2.47 0.00	51.72 2.25 0.00	42.75 1.82 0.00	39.00 1.76 0.00
RAVENSWOOD_GT3_1 24248	40.88 1.24 0.00	46.64 1.39 0.00	42.24 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.02 5.05 0.00	49.45 2.42 0.00	46.91 2.70 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.38 2.58 0.00	52.56 2.70 0.00	54.06 2.69 0.00	50.36 2.55 0.00	51.51 2.44 0.00	51.71 2.24 0.00	42.73 1.80 0.00	38.97 1.74 0.00
RAVENSWOOD_GT3_2 24249	40.88 1.24 0.00	46.64 1.39 0.00	42.24 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.02 5.05 0.00	49.45 2.42 0.00	46.91 2.70 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.38 2.58 0.00	52.56 2.70 0.00	54.06 2.69 0.00	50.36 2.55 0.00	51.51 2.44 0.00	51.71 2.24 0.00	42.73 1.80 0.00	38.97 1.74 0.00
RAVENSWOOD_GT3_3 24250	40.93 1.29 0.00	46.70 1.45 0.00	42.30 1.25 0.00	39.68 1.23 0.00	42.80 1.32 0.00	45.41 1.59 0.00	94.45 3.65 0.00	124.45 6.39 0.00	117.18 5.21 0.00	49.53 2.51 0.00	46.99 2.78 0.00	46.26 2.97 0.00	42.76 2.70 0.00	40.29 2.43 0.00	40.47 2.52 0.00	39.40 2.56 0.00	42.44 2.65 0.00	52.64 2.78 0.00	54.14 2.76 0.00	50.45 2.64 0.00	51.59 2.52 0.00	51.78 2.30 0.00	42.80 1.86 0.00	39.03 1.80 0.00
RAVENSWOOD_GT3_4 24251	40.93 1.29 0.00	46.70 1.45 0.00	42.30 1.25 0.00	39.68 1.23 0.00	42.80 1.32 0.00	45.41 1.59 0.00	94.45 3.65 0.00	124.45 6.39 0.00	117.18 5.21 0.00	49.53 2.51 0.00	46.99 2.78 0.00	46.26 2.97 0.00	42.76 2.70 0.00	40.29 2.43 0.00	40.47 2.52 0.00	39.40 2.56 0.00	42.44 2.65 0.00	52.64 2.78 0.00	54.14 2.76 0.00	50.45 2.64 0.00	51.59 2.52 0.00	51.78 2.30 0.00	42.80 1.86 0.00	39.03 1.80 0.00
RAVENSWOOD_GT_1 23729	40.88 1.25 0.00	46.59 1.34 0.00	42.23 1.17 0.00	39.64 1.19 0.00	42.71 1.23 0.00	45.32 1.50 0.00	94.07 3.26 0.00	124.26 6.20 0.00	116.89 4.92 0.00	49.41 2.38 0.00	46.94 2.73 0.00	46.18 2.88 0.00	42.69 2.63 0.00	40.20 2.35 0.00	40.41 2.46 0.00	39.35 2.50 0.00	42.29 2.50 0.00	52.43 2.57 0.00	53.87 2.50 0.00	50.22 2.41 0.00	51.35 2.28 0.00	51.58 2.11 0.00	42.62 1.69 0.00	38.92 1.69 0.00
RAVENSWOOD_GT_10 24258	40.88 1.25 0.00	46.64 1.39 0.00	42.25 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.03 5.06 0.00	49.45 2.42 0.00	46.91 2.71 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.35 2.50 0.00	42.39 2.59 0.00	52.58 2.72 0.00	54.07 2.70 0.00	50.36 2.56 0.00	51.52 2.44 0.00	51.72 2.24 0.00	42.74 1.80 0.00	38.98 1.74 0.00
RAVENSWOOD_GT_11 24259	40.88 1.25 0.00	46.64 1.39 0.00	42.25 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.03 5.06 0.00	49.45 2.42 0.00	46.91 2.71 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.35 2.50 0.00	42.39 2.59 0.00	52.58 2.72 0.00	54.07 2.70 0.00	50.36 2.56 0.00	51.52 2.44 0.00	51.72 2.24 0.00	42.74 1.80 0.00	38.98 1.74 0.00
RAVENSWOOD_GT_4 24252	40.88 1.25 0.00	46.64 1.39 0.00	42.25 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.03 5.06 0.00	49.44 2.41 0.00	46.91 2.71 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.38 2.58 0.00	52.57 2.70 0.00	54.06 2.69 0.00	50.36 2.55 0.00	51.51 2.44 0.00	51.72 2.24 0.00	42.73 1.80 0.00	38.97 1.74 0.00
RAVENSWOOD_GT_5 24254	40.88 1.25 0.00	46.64 1.39 0.00	42.25 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.03 5.06 0.00	49.44 2.41 0.00	46.91 2.71 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.38 2.58 0.00	52.57 2.70 0.00	54.06 2.69 0.00	50.36 2.55 0.00	51.51 2.44 0.00	51.72 2.24 0.00	42.73 1.80 0.00	38.97 1.74 0.00
RAVENSWOOD_GT_6 24253	40.88 1.25 0.00	46.64 1.39 0.00	42.25 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.03 5.06 0.00	49.44 2.41 0.00	46.91 2.71 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.38 2.58 0.00	52.57 2.70 0.00	54.06 2.69 0.00	50.36 2.55 0.00	51.51 2.44 0.00	51.72 2.24 0.00	42.73 1.80 0.00	38.97 1.74 0.00
RAVENSWOOD_GT_7 24255	40.88 1.25 0.00	46.64 1.39 0.00	42.25 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.03 5.06 0.00	49.44 2.41 0.00	46.91 2.71 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.38 2.58 0.00	52.57 2.70 0.00	54.06 2.69 0.00	50.36 2.55 0.00	51.51 2.44 0.00	51.72 2.24 0.00	42.73 1.80 0.00	38.97 1.74 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.88 1.25 0.00	46.64 1.39 0.00	42.25 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.03 5.06 0.00	49.45 2.42 0.00	46.91 2.71 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.35 2.50 0.00	42.39 2.59 0.00	52.58 2.72 0.00	54.07 2.70 0.00	50.36 2.56 0.00	51.52 2.44 0.00	51.72 2.24 0.00	42.74 1.80 0.00	38.98 1.74 0.00
RAVENSWOOD_GT_9 24257	40.88 1.25 0.00	46.64 1.39 0.00	42.25 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.32 3.51 0.00	124.28 6.21 0.00	117.03 5.06 0.00	49.45 2.42 0.00	46.91 2.71 0.00	46.19 2.89 0.00	42.70 2.64 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.35 2.50 0.00	42.39 2.59 0.00	52.58 2.72 0.00	54.07 2.70 0.00	50.36 2.56 0.00	51.52 2.44 0.00	51.72 2.24 0.00	42.74 1.80 0.00	38.98 1.74 0.00

RAVENSWOOD___1 23533	40.85 1.22 0.00	46.56 1.31 0.00	42.21 1.15 0.00	39.62 1.17 0.00	42.69 1.21 0.00	45.28 1.46 0.00	94.00 3.20 0.00	124.21 6.15 0.00	116.83 4.87 0.00	49.38 2.35 0.00	46.93 2.72 0.00	46.17 2.87 0.00	42.67 2.61 0.00	40.19 2.34 0.00	40.39 2.44 0.00	39.34 2.49 0.00	42.28 2.48 0.00	52.38 2.52 0.00	53.84 2.47 0.00	50.16 2.36 0.00	51.32 2.24 0.00	51.55 2.07 0.00	42.59 1.66 0.00	38.89 1.66 0.00
RAVENSWOOD___2 23534	40.84 1.21 0.00	46.54 1.29 0.00	42.18 1.13 0.00	39.60 1.15 0.00	42.67 1.19 0.00	45.27 1.45 0.00	93.94 3.14 0.00	124.16 6.09 0.00	116.77 4.81 0.00	49.36 2.33 0.00	46.91 2.70 0.00	46.14 2.85 0.00	42.66 2.59 0.00	40.16 2.31 0.00	40.38 2.43 0.00	39.32 2.47 0.00	42.26 2.46 0.00	52.36 2.50 0.00	53.80 2.43 0.00	50.14 2.33 0.00	51.28 2.21 0.00	51.52 2.04 0.00	42.58 1.64 0.00	38.87 1.64 0.00
RAVENSWOOD___3 23535	40.87 1.24 0.00	46.64 1.39 0.00	42.24 1.19 0.00	39.64 1.19 0.00	42.74 1.25 0.00	45.36 1.54 0.00	94.33 3.52 0.00	124.27 6.21 0.00	117.06 5.09 0.00	49.44 2.42 0.00	46.91 2.71 0.00	46.19 2.89 0.00	42.70 2.63 0.00	40.21 2.36 0.00	40.41 2.46 0.00	39.34 2.49 0.00	42.38 2.59 0.00	52.56 2.70 0.00	54.06 2.68 0.00	50.35 2.55 0.00	51.51 2.44 0.00	51.71 2.23 0.00	42.73 1.79 0.00	38.97 1.74 0.00
RAVENSWOOD___4 23820	40.84 1.21 0.00	46.54 1.29 0.00	42.18 1.13 0.00	39.60 1.15 0.00	42.67 1.19 0.00	45.27 1.45 0.00	93.94 3.14 0.00	124.16 6.09 0.00	116.77 4.81 0.00	49.36 2.33 0.00	46.91 2.70 0.00	46.14 2.85 0.00	42.66 2.59 0.00	40.16 2.31 0.00	40.38 2.43 0.00	39.32 2.47 0.00	42.26 2.46 0.00	52.36 2.50 0.00	53.80 2.43 0.00	50.14 2.33 0.00	51.28 2.21 0.00	51.52 2.04 0.00	42.58 1.64 0.00	38.87 1.64 0.00
RCPL_TRUST___DRP 24196	40.89 1.26 0.00	46.67 1.42 0.00	42.27 1.22 0.00	39.67 1.22 0.00	42.77 1.28 0.00	45.40 1.58 0.00	94.41 3.60 0.00	124.40 6.33 0.00	117.15 5.18 0.00	49.53 2.50 0.00	46.98 2.77 0.00	46.24 2.95 0.00	42.76 2.70 0.00	40.28 2.43 0.00	40.45 2.51 0.00	39.39 2.54 0.00	42.44 2.65 0.00	52.64 2.77 0.00	54.14 2.77 0.00	50.42 2.61 0.00	51.56 2.49 0.00	51.75 2.28 0.00	42.77 1.84 0.00	39.01 1.78 0.00
RED___ROCHESTER 323720	39.38 0.05 0.30	44.82 -0.01 0.42	40.47 -0.15 0.43	37.77 -0.36 0.31	41.24 -0.03 0.22	43.20 -0.19 0.44	88.69 -1.66 0.46	106.07 -1.95 10.04	83.76 -2.41 25.80	46.37 -0.66 0.00	43.89 -0.25 0.07	42.84 -0.45 0.00	39.34 -0.72 0.00	36.95 -0.91 0.00	36.81 -1.15 0.00	35.62 -1.22 0.00	38.11 -1.52 0.17	45.26 -1.54 3.06	48.02 -1.35 2.01	45.33 -1.31 1.16	46.20 -1.42 1.46	46.57 -1.33 1.58	39.57 -0.99 0.38	36.41 -0.58 0.23
REGAN___SOLAR 323812	41.10 1.46 0.00	46.90 1.65 0.00	42.55 1.50 0.00	39.87 1.42 0.00	43.04 1.56 0.00	45.60 1.78 0.00	94.95 4.15 0.00	124.22 6.16 0.00	116.31 4.34 0.00	47.97 0.94 0.00	44.67 0.46 0.00	43.18 -0.12 0.00	40.96 0.90 0.00	38.29 0.44 0.00	37.87 -0.07 0.00	36.62 -0.23 0.00	40.15 0.35 0.00	51.74 1.88 0.00	53.83 2.46 0.00	50.14 2.34 0.00	51.39 2.32 0.00	51.73 2.25 0.00	42.58 1.65 0.00	38.61 1.38 0.00
RENSSELAER___COGEN 23796	39.43 -0.20 0.00	45.01 -0.24 0.00	40.90 -0.15 0.00	38.37 -0.09 0.00	41.27 -0.21 0.00	43.71 -0.11 0.00	90.82 0.02 0.00	118.50 0.44 0.00	112.01 0.04 0.00	46.96 -0.07 0.00	44.04 -0.16 0.00	43.30 0.00 0.00	40.17 0.10 0.00	37.98 0.13 0.00	38.27 0.32 0.00	37.22 0.37 0.00	40.28 0.48 0.00	50.29 0.43 0.00	51.66 0.28 0.00	48.08 0.28 0.00	49.35 0.28 0.00	49.59 0.12 0.00	40.95 0.01 0.00	37.19 -0.04 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.70 3.07 0.00	48.54 3.29 0.00	44.47 3.42 0.00	41.72 3.27 0.00	44.57 3.08 0.00	47.54 3.72 0.00	100.90 10.09 0.00	129.49 11.43 0.00	122.18 10.22 0.00	50.79 3.76 0.00	47.77 3.56 0.00	47.30 4.00 0.00	43.98 3.91 0.00	41.55 3.70 0.00	41.69 3.73 0.00	40.55 3.70 0.00	43.96 4.16 0.00	55.62 5.76 0.00	56.99 5.62 0.00	53.21 5.41 0.00	54.52 5.45 0.00	54.06 4.59 0.00	44.38 3.44 0.00	40.27 3.04 0.00
REVERE_CPPR_DRP 24186	41.06 1.43 0.00	46.91 1.66 0.00	42.53 1.48 0.00	39.84 1.39 0.00	43.16 1.68 0.00	45.81 1.98 0.00	95.36 4.55 0.00	127.20 9.14 0.00	148.09 9.72 -26.40	50.11 2.95 -0.14	45.89 1.68 0.00	44.22 0.92 0.00	40.89 0.83 0.00	38.71 0.86 0.00	38.63 0.68 0.00	37.28 0.43 0.00	40.61 0.81 0.00	51.54 1.68 0.00	53.36 1.99 0.00	49.88 2.08 0.00	51.10 2.03 0.00	51.53 2.05 0.00	42.52 1.58 0.00	38.56 1.34 0.00
REYNLDPA_13_KV_LD 356490	40.69 1.06 0.00	46.45 1.20 0.00	42.12 1.07 0.00	39.37 0.92 0.00	42.51 1.02 0.00	44.77 0.95 0.00	92.45 1.64 0.00	118.88 0.82 0.00	93.48 1.56 20.04	47.82 0.89 0.10	45.07 0.86 0.00	44.09 0.79 0.00	40.80 0.73 0.00	38.63 0.79 0.00	38.70 0.75 0.00	37.53 0.67 0.00	40.40 0.60 0.00	50.70 0.84 0.00	52.20 0.83 0.00	48.63 0.82 0.00	49.97 0.89 0.00	50.45 0.98 0.00	41.83 0.89 0.00	37.99 0.76 0.00
REYNOLDS_115KV_TB3 80639	39.74 0.11 0.00	45.36 0.10 0.00	41.23 0.18 0.00	38.67 0.22 0.00	41.58 0.09 0.00	44.04 0.22 0.00	91.50 0.70 0.00	119.28 1.22 0.00	112.79 0.83 0.00	47.32 0.29 0.00	44.36 0.15 0.00	43.61 0.31 0.00	40.46 0.40 0.00	38.29 0.43 0.00	38.59 0.64 0.00	37.54 0.69 0.00	40.60 0.81 0.00	50.69 0.83 0.00	52.03 0.66 0.00	48.46 0.65 0.00	49.74 0.67 0.00	49.97 0.50 0.00	41.25 0.31 0.00	37.44 0.21 0.00
RIVERBAY____ 323610	41.58 1.95 0.00	47.49 2.24 0.00	43.20 2.15 0.00	40.56 2.11 0.00	43.78 2.29 0.00	46.46 2.64 0.00	96.49 5.69 0.00	127.10 9.03 0.00	119.30 7.34 0.00	50.25 3.22 0.00	47.81 3.60 0.00	46.96 3.67 0.00	43.38 3.32 0.00	40.80 2.95 0.00	41.05 3.10 0.00	39.95 3.10 0.00	42.91 3.11 0.00	53.25 3.39 0.00	54.86 3.49 0.00	51.21 3.41 0.00	52.26 3.19 0.00	52.53 3.05 0.00	43.34 2.40 0.00	39.56 2.33 0.00
RIVERSDE_115KV_TB3 55908	39.48 -0.15 0.00	45.06 -0.19 0.00	40.96 -0.10 0.00	38.42 -0.03 0.00	41.32 -0.17 0.00	43.76 -0.06 0.00	90.94 0.14 0.00	118.62 0.55 0.00	112.13 0.16 0.00	47.04 0.01 0.00	44.12 -0.09 0.00	43.37 0.07 0.00	40.24 0.17 0.00	38.06 0.21 0.00	38.36 0.41 0.00	37.31 0.46 0.00	40.36 0.56 0.00	50.39 0.53 0.00	51.74 0.36 0.00	48.17 0.37 0.00	49.43 0.36 0.00	49.67 0.20 0.00	41.01 0.07 0.00	37.24 0.01 0.00
ROARING___BROOK_WT_PWR 323790	39.77 0.14 0.00	45.41 0.16 0.00	41.16 0.11 0.00	38.57 0.12 0.00	41.61 0.13 0.00	43.91 0.09 0.00	90.91 0.10 0.00	118.07 0.00 0.00	112.20 0.24 0.00	47.15 0.12 0.00	44.30 0.09 0.00	43.38 0.09 0.00	40.17 0.11 0.00	37.98 0.13 0.00	38.06 0.11 0.00	36.95 0.10 0.00	39.88 0.08 0.00	50.00 0.14 0.00	51.45 0.07 0.00	47.83 0.03 0.00	49.04 -0.03 0.00	49.51 0.04 0.00	40.99 0.06 0.00	37.27 0.04 0.00

ROCHESRG_115KV_T4 355643	39.32 -0.32 0.00	44.85 -0.41 0.00	40.55 -0.51 0.00	37.77 -0.68 0.00	41.10 -0.39 0.00	43.23 -0.59 0.00	88.21 -2.60 0.00	107.53 -3.23 7.30	83.51 -3.54 24.91	45.88 -1.15 0.00	43.49 -0.72 0.00	42.38 -0.91 0.00	38.94 -1.12 0.00	36.58 -1.27 0.00	36.45 -1.50 0.00	35.29 -1.56 0.00	37.88 -1.92 0.00	44.95 -2.14 2.77	47.81 -1.99 1.58	45.20 -1.91 0.69	46.12 -2.02 0.93	46.35 -1.90 1.23	39.51 -1.43 0.00	36.28 -0.95 0.00
ROCHESTER_9_IC 23652	39.52 -0.11 0.00	45.06 -0.19 0.00	40.74 -0.31 0.00	37.95 -0.50 0.00	41.30 -0.19 0.00	43.45 -0.37 0.00	88.72 -2.09 0.00	108.08 -2.53 7.46	83.61 -2.90 25.46	46.15 -0.88 0.00	43.74 -0.46 0.00	42.63 -0.67 0.00	39.16 -0.90 0.00	36.77 -1.08 0.00	36.63 -1.32 0.00	35.48 -1.37 0.00	38.09 -1.71 0.00	45.20 -1.83 2.83	48.11 -1.66 1.61	45.49 -1.61 0.71	46.40 -1.72 0.95	46.62 -1.61 1.25	39.73 -1.20 0.00	36.48 -0.75 0.00
ROCKVIEW_13_KV_LD 356306	40.87 1.23 0.00	46.69 1.44 0.00	42.30 1.25 0.00	39.68 1.23 0.00	42.81 1.32 0.00	45.39 1.56 0.00	94.41 3.60 0.00	124.19 6.12 0.00	116.99 5.03 0.00	49.39 2.36 0.00	46.83 2.62 0.00	46.13 2.84 0.00	42.64 2.58 0.00	40.13 2.28 0.00	40.33 2.38 0.00	39.26 2.41 0.00	42.30 2.50 0.00	52.55 2.68 0.00	54.07 2.70 0.00	50.36 2.56 0.00	51.55 2.48 0.00	51.75 2.27 0.00	42.78 1.85 0.00	39.00 1.77 0.00
ROME____115KV_TB2 80656	41.06 1.43 0.00	46.91 1.66 0.00	42.53 1.48 0.00	39.84 1.39 0.00	43.16 1.68 0.00	45.81 1.98 0.00	95.36 4.55 0.00	127.20 9.14 0.00	148.09 9.72 -26.40	50.11 2.95 -0.14	45.89 1.68 0.00	44.22 0.92 0.00	40.89 0.83 0.00	38.71 0.86 0.00	38.63 0.68 0.00	37.28 0.43 0.00	40.61 0.81 0.00	51.54 1.68 0.00	53.36 1.99 0.00	49.88 2.08 0.00	51.10 2.03 0.00	51.53 2.05 0.00	42.52 1.58 0.00	38.56 1.34 0.00
ROSETON___1 23587	40.46 0.83 0.00	46.24 0.98 0.00	41.89 0.84 0.00	39.30 0.85 0.00	42.37 0.89 0.00	44.90 1.08 0.00	93.26 2.46 0.00	122.54 4.48 0.00	115.52 3.55 0.00	48.73 1.70 0.00	46.16 1.95 0.00	45.42 2.12 0.00	42.00 1.94 0.00	39.57 1.72 0.00	39.77 1.82 0.00	38.71 1.86 0.00	41.73 1.93 0.00	51.82 1.95 0.00	53.29 1.91 0.00	49.64 1.84 0.00	50.81 1.74 0.00	51.07 1.59 0.00	42.25 1.32 0.00	38.53 1.31 0.00
ROSETON___2 23588	40.46 0.83 0.00	46.24 0.98 0.00	41.89 0.84 0.00	39.30 0.85 0.00	42.37 0.89 0.00	44.90 1.08 0.00	93.26 2.46 0.00	122.54 4.48 0.00	115.52 3.55 0.00	48.73 1.70 0.00	46.16 1.95 0.00	45.42 2.12 0.00	42.00 1.94 0.00	39.57 1.72 0.00	39.77 1.82 0.00	38.71 1.86 0.00	41.73 1.93 0.00	51.82 1.95 0.00	53.29 1.91 0.00	49.64 1.84 0.00	50.81 1.74 0.00	51.07 1.59 0.00	42.25 1.32 0.00	38.53 1.31 0.00
ROTRRDAM_115KV_TB3 80664	40.28 0.64 0.00	45.99 0.74 0.00	41.78 0.72 0.00	39.17 0.72 0.00	42.18 0.69 0.00	44.62 0.80 0.00	92.74 1.93 0.00	120.95 2.89 0.00	114.19 2.23 0.00	47.86 0.83 0.00	44.95 0.75 0.00	44.12 0.82 0.00	40.89 0.83 0.00	38.64 0.79 0.00	38.80 0.85 0.00	37.69 0.84 0.00	40.81 1.01 0.00	51.12 1.26 0.00	52.60 1.23 0.00	48.96 1.16 0.00	50.25 1.18 0.00	50.56 1.08 0.00	41.76 0.83 0.00	37.93 0.71 0.00
RUSSELL___1 23602	39.68 0.04 0.00	45.23 -0.02 0.00	40.89 -0.16 0.00	38.08 -0.37 0.00	41.46 -0.03 0.00	43.62 -0.20 0.00	89.12 -1.69 0.00	108.66 -1.95 7.46	84.14 -2.36 25.46	46.37 -0.66 0.00	43.96 -0.24 0.00	42.84 -0.46 0.00	39.35 -0.72 0.00	36.95 -0.91 0.00	36.81 -1.15 0.00	35.62 -1.22 0.00	38.29 -1.51 0.00	45.46 -1.57 2.83	48.40 -1.36 1.61	45.76 -1.33 0.71	46.68 -1.44 0.95	46.88 -1.34 1.25	39.92 -1.01 0.00	36.65 -0.58 0.00
RUSSELL___2 23532	39.68 0.04 0.00	45.23 -0.02 0.00	40.89 -0.16 0.00	38.08 -0.37 0.00	41.46 -0.03 0.00	43.62 -0.20 0.00	89.12 -1.69 0.00	108.66 -1.95 7.46	84.14 -2.36 25.46	46.37 -0.66 0.00	43.96 -0.24 0.00	42.84 -0.46 0.00	39.35 -0.72 0.00	36.95 -0.91 0.00	36.81 -1.15 0.00	35.62 -1.22 0.00	38.29 -1.51 0.00	45.46 -1.57 2.83	48.40 -1.36 1.61	45.76 -1.33 0.71	46.68 -1.44 0.95	46.88 -1.34 1.25	39.92 -1.01 0.00	36.65 -0.58 0.00
RUSSELL___3 23549	39.68 0.04 0.00	45.23 -0.02 0.00	40.89 -0.16 0.00	38.08 -0.37 0.00	41.46 -0.03 0.00	43.62 -0.20 0.00	89.12 -1.69 0.00	108.66 -1.95 7.46	84.14 -2.36 25.46	46.37 -0.66 0.00	43.96 -0.24 0.00	42.84 -0.46 0.00	39.35 -0.72 0.00	36.95 -0.91 0.00	36.81 -1.15 0.00	35.62 -1.22 0.00	38.29 -1.51 0.00	45.46 -1.57 2.83	48.40 -1.36 1.61	45.76 -1.33 0.71	46.68 -1.44 0.95	46.88 -1.34 1.25	39.92 -1.01 0.00	36.65 -0.58 0.00
RUSSELL___4 23556	39.68 0.04 0.00	45.23 -0.02 0.00	40.89 -0.16 0.00	38.08 -0.37 0.00	41.46 -0.03 0.00	43.62 -0.20 0.00	89.12 -1.69 0.00	108.66 -1.95 7.46	84.14 -2.36 25.46	46.37 -0.66 0.00	43.96 -0.24 0.00	42.84 -0.46 0.00	39.35 -0.72 0.00	36.95 -0.91 0.00	36.81 -1.15 0.00	35.62 -1.22 0.00	38.29 -1.51 0.00	45.46 -1.57 2.83	48.40 -1.36 1.61	45.76 -1.33 0.71	46.68 -1.44 0.95	46.88 -1.34 1.25	39.92 -1.01 0.00	36.65 -0.58 0.00
RUSSELL___STATION 23914	39.68 0.04 0.00	45.23 -0.02 0.00	40.89 -0.16 0.00	38.08 -0.37 0.00	41.46 -0.03 0.00	43.62 -0.20 0.00	89.12 -1.69 0.00	108.66 -1.95 7.46	84.14 -2.36 25.46	46.37 -0.66 0.00	43.96 -0.24 0.00	42.84 -0.46 0.00	39.35 -0.72 0.00	36.95 -0.91 0.00	36.81 -1.15 0.00	35.62 -1.22 0.00	38.29 -1.51 0.00	45.46 -1.57 2.83	48.40 -1.36 1.61	45.76 -1.33 0.71	46.68 -1.44 0.95	46.88 -1.34 1.25	39.92 -1.01 0.00	36.65 -0.58 0.00
S SALMON___HYD 24043	39.68 0.05 0.00	45.20 -0.06 0.00	40.97 -0.08 0.00	38.38 -0.07 0.00	41.58 0.09 0.00	43.99 0.17 0.00	91.17 0.36 0.00	119.13 1.07 0.00	126.58 0.54 -14.08	46.87 -0.23 -0.07	43.51 -0.70 0.00	42.42 -0.88 0.00	39.25 -0.81 0.00	37.07 -0.78 0.00	37.10 -0.85 0.00	35.95 -0.91 0.00	38.90 -0.90 0.00	49.38 -0.48 0.00	51.12 -0.26 0.00	47.53 -0.27 0.00	48.69 -0.38 0.00	49.32 -0.16 0.00	40.75 -0.18 0.00	37.05 -0.18 0.00
S.PERRY__115KV_TB1 80734	40.80 1.17 0.00	46.57 1.32 0.00	42.11 1.06 0.00	39.11 0.66 0.00	42.43 0.94 0.00	44.23 0.41 0.00	89.47 -1.33 0.00	97.71 -2.23 18.12	44.24 -3.04 64.69	45.35 -1.69 0.00	42.71 -1.50 0.00	41.64 -1.66 0.00	38.17 -1.89 0.00	35.74 -2.11 0.00	35.49 -2.47 0.00	34.32 -2.53 0.00	36.80 -3.00 0.00	39.70 -2.87 7.29	45.24 -1.91 4.23	44.24 -1.72 1.85	44.59 -1.94 2.54	45.17 -1.02 3.28	40.60 -0.33 0.00	37.35 0.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.20 -0.44 0.00	44.72 -0.54 0.00	40.32 -0.73 0.00	37.32 -1.13 0.00	40.90 -0.59 0.00	42.72 -1.10 0.00	85.11 -5.70 0.00	96.79 -8.07 13.20	59.81 -8.21 43.95	44.47 -2.56 0.00	42.72 -1.49 0.00	41.45 -1.84 0.00	37.91 -2.15 0.00	35.52 -2.33 0.00	35.19 -2.76 0.00	33.93 -2.91 0.00	35.91 -3.88 0.00	40.14 -4.86 4.86	43.97 -4.74 2.67	42.13 -4.50 1.17	42.83 -4.62 1.62	43.11 -4.29 2.07	37.81 -3.13 0.00	35.20 -2.03 0.00

SAWYER___23_KV_LOAD 55526	39.20 -0.44 0.00	44.72 -0.54 0.00	40.32 -0.73 0.00	37.32 -1.13 0.00	40.90 -0.59 0.00	42.72 -1.10 0.00	85.11 -5.70 0.00	96.79 -8.07 13.20	59.81 -8.21 43.95	44.47 -2.56 0.00	42.72 -1.49 0.00	41.45 -1.84 0.00	37.91 -2.15 0.00	35.52 -2.33 0.00	35.19 -2.76 0.00	33.93 -2.91 0.00	35.91 -3.88 0.00	40.14 -4.86 4.86	43.97 -4.74 2.67	42.13 -4.50 1.17	42.83 -4.62 1.62	43.11 -4.29 2.07	37.81 -3.13 0.00	35.20 -2.03 0.00
SELKIRK___I 23801	39.93 0.29 0.00	45.61 0.36 0.00	41.43 0.38 0.00	38.87 0.41 0.00	41.82 0.33 0.00	44.25 0.43 0.00	91.91 1.11 0.00	119.82 1.76 0.00	113.04 1.08 0.00	47.28 0.25 0.00	44.35 0.14 0.00	43.60 0.30 0.00	40.41 0.35 0.00	38.20 0.35 0.00	38.44 0.49 0.00	37.36 0.52 0.00	40.53 0.73 0.00	50.71 0.84 0.00	52.13 0.75 0.00	48.50 0.70 0.00	49.78 0.71 0.00	50.08 0.61 0.00	41.37 0.44 0.00	37.61 0.38 0.00
SELKIRK___II 23799	39.69 0.06 0.00	45.34 0.09 0.00	41.18 0.12 0.00	38.63 0.18 0.00	41.56 0.07 0.00	43.98 0.16 0.00	91.39 0.58 0.00	119.26 1.19 0.00	112.67 0.71 0.00	47.26 0.23 0.00	44.36 0.15 0.00	43.58 0.29 0.00	40.41 0.35 0.00	38.19 0.34 0.00	38.43 0.48 0.00	37.38 0.53 0.00	40.44 0.64 0.00	50.49 0.63 0.00	51.88 0.50 0.00	48.30 0.50 0.00	49.55 0.48 0.00	49.85 0.38 0.00	41.19 0.26 0.00	37.43 0.20 0.00
SENECA OSWGO___HYD 24041	38.75 -0.88 0.00	44.21 -1.04 0.00	40.10 -0.95 0.00	37.55 -0.90 0.00	40.59 -0.90 0.00	42.93 -0.89 0.00	88.96 -1.84 0.00	116.12 -1.94 0.00	109.63 -2.33 0.00	45.99 -1.04 0.00	43.14 -1.06 0.00	42.17 -1.13 0.00	38.94 -1.12 0.00	36.77 -1.08 0.00	36.81 -1.13 0.00	35.77 -1.08 0.00	38.66 -1.14 0.00	48.64 -1.22 0.00	50.22 -1.16 0.00	46.71 -1.10 0.00	47.91 -1.16 0.00	48.31 -1.17 0.00	39.98 -0.96 0.00	36.39 -0.84 0.00
SENECA___115KV_TB3 355854	38.70 -0.13 0.80	43.97 -0.16 1.12	39.52 -0.40 1.14	36.80 -0.81 0.84	40.62 -0.27 0.59	42.00 -0.66 1.16	85.08 -4.51 1.22	89.38 -6.74 21.94	56.29 -7.26 48.42	44.63 -2.15 0.24	42.91 -1.11 0.19	41.88 -1.42 0.00	38.29 -1.77 0.00	35.76 -2.01 0.08	35.50 -2.45 0.00	34.27 -2.58 0.00	35.76 -3.52 0.52	39.64 -4.28 5.94	43.20 -4.10 4.07	41.30 -3.88 2.62	41.78 -4.02 3.28	42.49 -3.76 3.23	37.07 -2.70 1.17	34.79 -1.73 0.72
SENECA___ENERGY 23797	39.49 -0.14 0.00	45.07 -0.18 0.00	40.83 -0.23 0.00	38.16 -0.29 0.00	41.38 -0.10 0.00	43.75 -0.07 0.00	90.31 -0.49 0.00	114.58 -0.83 2.66	100.27 -1.59 10.11	46.43 -0.60 0.00	43.86 -0.35 0.00	42.76 -0.54 0.00	39.25 -0.81 0.00	36.91 -0.94 0.00	36.87 -1.08 0.00	35.73 -1.12 0.00	38.67 -1.13 0.00	47.74 -1.03 1.09	50.61 -0.76 0.00	47.12 -0.68 0.00	47.91 -0.83 0.33	48.58 -0.90 0.00	40.26 -0.68 0.00	36.77 -0.46 0.00
SHOEMAKER___GT 23640	40.59 0.96 0.00	46.37 1.12 0.00	42.02 0.96 0.00	39.42 0.97 0.00	42.52 1.03 0.00	45.08 1.26 0.00	93.72 2.91 0.00	123.08 5.02 0.00	115.88 3.91 0.00	48.71 1.69 0.00	46.02 1.81 0.00	45.23 1.93 0.00	41.80 1.74 0.00	39.38 1.53 0.00	39.58 1.63 0.00	38.53 1.68 0.00	41.62 1.82 0.00	51.86 2.00 0.00	53.42 2.05 0.00	49.77 1.97 0.00	50.97 1.89 0.00	51.25 1.77 0.00	42.38 1.44 0.00	38.62 1.39 0.00
SHOEMAKR_138KV_BK 111 55601	40.57 0.94 0.00	46.35 1.09 0.00	42.00 0.94 0.00	39.40 0.95 0.00	42.50 1.02 0.00	45.04 1.22 0.00	93.67 2.87 0.00	123.01 4.94 0.00	115.77 3.80 0.00	48.71 1.68 0.00	46.05 1.84 0.00	45.25 1.95 0.00	41.84 1.78 0.00	39.40 1.55 0.00	39.60 1.65 0.00	38.55 1.70 0.00	41.63 1.84 0.00	51.84 1.98 0.00	53.40 2.02 0.00	49.75 1.95 0.00	50.94 1.87 0.00	51.21 1.74 0.00	42.36 1.42 0.00	38.61 1.38 0.00
SHOREHAM_IC_1 23715	40.41 0.78 0.00	46.66 1.41 0.00	42.24 1.19 0.00	39.67 1.22 0.00	42.64 1.15 0.00	44.02 0.71 0.51	92.81 2.00 0.00	117.97 4.09 4.19	97.02 3.18 18.12	48.29 1.26 0.00	45.67 1.54 0.08	45.14 1.84 0.00	41.89 1.82 0.00	39.25 1.40 0.00	39.65 1.70 0.00	38.75 1.90 0.00	41.53 1.73 0.00	51.48 1.62 0.00	50.95 1.18 1.61	49.25 1.44 0.00	50.72 1.64 0.00	50.72 1.24 0.00	42.04 1.11 0.00	38.72 1.49 0.00
SHOREHAM_IC_2 23716	40.43 0.80 0.00	46.66 1.41 0.00	42.24 1.19 0.00	39.67 1.23 0.00	42.65 1.16 0.00	44.02 0.71 0.51	92.81 2.00 0.00	117.98 4.10 4.19	96.99 3.15 18.12	48.29 1.26 0.00	45.67 1.55 0.08	45.14 1.84 0.00	41.89 1.83 0.00	39.24 1.39 0.00	39.65 1.70 0.00	38.75 1.90 0.00	41.53 1.73 0.00	51.49 1.63 0.00	50.96 1.19 1.61	49.26 1.46 0.00	50.72 1.65 0.00	50.74 1.26 0.00	42.06 1.12 0.00	38.73 1.50 0.00
SISSONVILLE____ 23735	41.66 2.02 0.00	47.51 2.26 0.00	43.09 2.03 0.00	40.25 1.80 0.00	43.49 2.00 0.00	45.80 1.98 0.00	94.34 3.54 0.00	121.61 3.55 0.00	257.17 4.99 -140.22	49.36 1.60 -0.74	45.38 1.17 0.00	44.32 1.02 0.00	41.12 1.05 0.00	38.95 1.10 0.00	38.95 1.00 0.00	37.74 0.89 0.00	40.37 0.57 0.00	50.85 0.99 0.00	52.23 0.85 0.00	48.85 1.04 0.00	50.38 1.30 0.00	51.36 1.88 0.00	42.75 1.81 0.00	38.76 1.53 0.00
SITHE_IND_GS1 24169	38.31 -1.32 0.00	43.71 -1.55 0.00	39.65 -1.41 0.00	37.13 -1.32 0.00	40.11 -1.37 0.00	42.38 -1.45 0.00	87.70 -3.10 0.00	114.40 -3.67 0.00	108.11 -3.86 0.00	45.41 -1.62 0.00	42.67 -1.54 0.00	41.75 -1.55 0.00	38.59 -1.48 0.00	36.42 -1.43 0.00	36.49 -1.46 0.00	35.41 -1.44 0.00	38.28 -1.52 0.00	48.06 -1.81 0.00	49.58 -1.80 0.00	46.12 -1.68 0.00	47.32 -1.75 0.00	47.73 -1.74 0.00	39.49 -1.45 0.00	35.95 -1.28 0.00
SITHE_IND_GS2 24170	38.31 -1.32 0.00	43.71 -1.55 0.00	39.65 -1.41 0.00	37.13 -1.32 0.00	40.11 -1.37 0.00	42.38 -1.45 0.00	87.70 -3.10 0.00	114.40 -3.67 0.00	108.11 -3.86 0.00	45.41 -1.62 0.00	42.67 -1.54 0.00	41.75 -1.55 0.00	38.59 -1.48 0.00	36.42 -1.43 0.00	36.49 -1.46 0.00	35.41 -1.44 0.00	38.28 -1.52 0.00	48.06 -1.81 0.00	49.58 -1.80 0.00	46.12 -1.68 0.00	47.32 -1.75 0.00	47.73 -1.74 0.00	39.49 -1.45 0.00	35.95 -1.28 0.00
SITHE_IND_GS3 24171	38.31 -1.32 0.00	43.71 -1.55 0.00	39.65 -1.41 0.00	37.13 -1.32 0.00	40.11 -1.37 0.00	42.38 -1.45 0.00	87.70 -3.10 0.00	114.40 -3.67 0.00	108.11 -3.86 0.00	45.41 -1.62 0.00	42.67 -1.54 0.00	41.75 -1.55 0.00	38.59 -1.48 0.00	36.42 -1.43 0.00	36.49 -1.46 0.00	35.41 -1.44 0.00	38.28 -1.52 0.00	48.06 -1.81 0.00	49.58 -1.80 0.00	46.12 -1.68 0.00	47.32 -1.75 0.00	47.73 -1.74 0.00	39.49 -1.45 0.00	35.95 -1.28 0.00
SITHE_IND_GS4 24172	38.31 -1.32 0.00	43.71 -1.55 0.00	39.65 -1.41 0.00	37.13 -1.32 0.00	40.11 -1.37 0.00	42.38 -1.45 0.00	87.70 -3.10 0.00	114.40 -3.67 0.00	108.11 -3.86 0.00	45.41 -1.62 0.00	42.67 -1.54 0.00	41.75 -1.55 0.00	38.59 -1.48 0.00	36.42 -1.43 0.00	36.49 -1.46 0.00	35.41 -1.44 0.00	38.28 -1.52 0.00	48.06 -1.81 0.00	49.58 -1.80 0.00	46.12 -1.68 0.00	47.32 -1.75 0.00	47.73 -1.74 0.00	39.49 -1.45 0.00	35.95 -1.28 0.00

SITHE___BATAVIA 24024	39.61 0.49 0.51	45.03 0.49 0.72	40.56 0.24 0.73	37.78 -0.14 0.54	41.55 0.44 0.38	43.19 0.11 0.74	87.68 -2.34 0.78	99.84 -3.02 15.20	72.70 -3.33 35.94	45.81 -1.08 0.15	43.56 -0.52 0.12	42.30 -1.00 0.00	38.74 -1.32 0.00	36.19 -1.61 0.05	35.91 -2.04 0.00	34.65 -2.21 0.00	36.61 -2.87 0.31	42.61 -2.91 4.34	46.06 -2.30 2.91	43.72 -2.30 1.78	44.40 -2.43 2.24	45.01 -2.17 2.30	38.66 -1.57 0.71	36.01 -0.78 0.43
SITHE___INDEPEND 23800	38.31 -1.33 0.00	43.71 -1.55 0.00	39.65 -1.40 0.00	37.13 -1.32 0.00	40.11 -1.37 0.00	42.37 -1.45 0.00	87.70 -3.10 0.00	114.39 -3.68 0.00	108.11 -3.86 0.00	45.41 -1.62 0.00	42.68 -1.53 0.00	41.75 -1.55 0.00	38.58 -1.48 0.00	36.42 -1.43 0.00	36.49 -1.46 0.00	35.42 -1.44 0.00	38.28 -1.52 0.00	48.05 -1.81 0.00	49.58 -1.80 0.00	46.12 -1.68 0.00	47.32 -1.75 0.00	47.74 -1.74 0.00	39.48 -1.45 0.00	35.96 -1.28 0.00
SITHE___MASSENA 23902	40.92 1.29 0.00	46.72 1.47 0.00	42.35 1.30 0.00	39.59 1.14 0.00	42.75 1.27 0.00	45.02 1.21 0.00	92.96 2.16 0.00	119.63 1.57 0.00	355.44 3.07 -240.41	49.43 1.14 -1.26	45.25 1.04 0.00	44.23 0.93 0.00	40.95 0.89 0.00	38.79 0.94 0.00	38.84 0.89 0.00	37.66 0.81 0.00	40.52 0.72 0.00	50.87 1.01 0.00	52.23 0.85 0.00	48.82 1.02 0.00	50.17 1.10 0.00	50.72 1.24 0.00	42.05 1.12 0.00	38.20 0.97 0.00
SITHE___OGDNSBRG 24021	41.98 2.35 0.00	47.91 2.66 0.00	43.45 2.39 0.00	40.58 2.13 0.00	43.85 2.36 0.00	46.22 2.40 0.00	95.49 4.68 0.00	122.89 4.83 0.00	297.29 6.19 -179.13	49.70 1.73 -0.94	45.53 1.32 0.00	44.49 1.19 0.00	41.23 1.17 0.00	39.08 1.23 0.00	39.09 1.14 0.00	37.91 1.06 0.00	40.67 0.87 0.00	51.55 1.69 0.00	53.30 1.92 0.00	49.85 2.05 0.00	51.29 2.22 0.00	51.99 2.52 0.00	43.14 2.21 0.00	39.10 1.87 0.00
SITHE___STERLING 23777	40.64 1.01 0.00	46.42 1.17 0.00	42.10 1.05 0.00	39.43 0.98 0.00	42.74 1.25 0.00	45.34 1.52 0.00	94.35 3.55 0.00	124.55 4.20 -2.29	122.74 2.80 -7.97	47.88 0.85 0.00	44.82 0.60 0.00	43.97 0.67 0.00	40.67 0.61 0.00	38.45 0.59 0.00	38.36 0.41 0.00	36.99 0.14 0.00	40.17 0.37 0.00	51.03 1.00 -0.17	53.20 1.30 -0.53	49.61 1.57 -0.23	50.92 1.55 -0.30	51.42 1.54 -0.41	42.11 1.17 0.00	38.19 0.96 0.00
SLEIGHT__34_KV_TB1 80719	39.20 -0.43 0.00	44.69 -0.56 0.00	40.47 -0.59 0.00	37.78 -0.67 0.00	41.03 -0.46 0.00	43.29 -0.53 0.00	89.16 -1.65 0.00	112.21 -1.84 4.02	95.67 -2.31 13.98	46.12 -0.91 0.00	43.48 -0.73 0.00	42.36 -0.93 0.00	38.96 -1.10 0.00	36.64 -1.21 0.00	36.55 -1.40 0.00	35.48 -1.37 0.00	38.29 -1.51 0.00	46.91 -1.42 1.53	49.34 -1.24 0.80	46.24 -1.22 0.35	47.24 -1.35 0.48	47.52 -1.34 0.62	39.86 -1.07 0.00	36.45 -0.78 0.00
SMITHTWN_69_KV_BK 1 55830	40.61 0.98 0.00	46.68 1.42 0.00	42.24 1.19 0.00	39.64 1.20 0.00	42.61 1.12 0.00	44.11 0.79 0.51	92.67 1.86 0.00	117.87 3.98 4.17	96.89 2.97 18.05	48.65 1.62 0.00	46.12 1.99 0.08	45.58 2.28 0.00	42.16 2.10 0.00	39.55 1.70 0.00	39.86 1.91 0.00	38.78 1.94 0.00	41.54 1.74 0.00	51.61 1.75 0.00	51.32 1.54 1.59	49.51 1.70 0.00	50.93 1.86 0.00	50.82 1.35 0.00	42.03 1.09 0.00	38.64 1.41 0.00
SOUTH CAIRO___GT 23612	40.75 1.12 0.00	46.49 1.23 0.00	42.24 1.19 0.00	39.63 1.18 0.00	42.67 1.18 0.00	45.29 1.46 0.00	94.48 3.67 0.00	123.57 5.50 0.00	116.52 4.55 0.00	48.26 1.23 0.00	44.76 0.55 0.00	43.97 0.68 0.00	40.96 0.89 0.00	38.52 0.66 0.00	38.71 0.76 0.00	37.75 0.90 0.00	41.23 1.43 0.00	52.11 2.25 0.00	53.87 2.50 0.00	50.10 2.30 0.00	51.33 2.26 0.00	51.49 2.02 0.00	42.42 1.49 0.00	38.42 1.19 0.00
SOUTH HAMPTN___IC 23720	40.62 0.99 0.00	46.97 1.72 0.00	42.56 1.51 0.00	40.01 1.56 0.00	43.08 1.60 0.00	44.54 1.23 0.51	93.93 3.13 0.00	119.37 5.50 4.19	98.27 4.44 18.14	48.89 1.86 0.00	46.12 1.99 0.08	45.68 2.39 0.00	42.34 2.27 0.00	39.73 1.88 0.00	40.11 2.17 0.00	39.18 2.33 0.00	41.95 2.16 0.00	51.97 2.11 0.00	51.62 1.86 1.61	49.99 2.19 0.00	51.52 2.45 0.00	51.44 1.96 0.00	42.55 1.62 0.00	39.13 1.90 0.00
SOUTHDOW_115KV_TB1 355954	40.26 0.63 0.00	45.97 0.72 0.00	41.49 0.44 0.00	38.37 -0.08 0.00	42.12 0.63 0.00	44.48 0.66 0.00	89.65 -1.16 0.00	99.49 -2.42 16.16	58.27 -3.33 50.37	46.46 -0.57 0.00	44.79 0.58 0.00	43.83 0.53 0.00	39.96 -0.10 0.00	37.31 -0.54 0.00	36.95 -1.00 0.00	35.62 -1.23 0.00	37.68 -2.12 0.00	41.66 -2.65 5.56	45.98 -2.39 3.01	44.11 -2.38 1.32	44.80 -2.43 1.84	44.78 -2.36 2.33	39.20 -1.74 0.00	36.04 -1.19 0.00
SOUTHOLD_69_KV_BK 2 55809	40.60 0.97 0.00	47.05 1.80 0.00	42.69 1.64 0.00	40.17 1.72 0.00	43.33 1.85 0.00	44.83 1.52 0.51	94.62 3.82 0.00	120.16 6.29 4.19	98.99 5.17 18.14	49.20 2.18 0.00	46.26 2.14 0.08	45.97 2.67 0.00	42.59 2.53 0.00	40.00 2.15 0.00	40.40 2.45 0.00	39.45 2.60 0.00	42.19 2.39 0.00	52.17 2.31 0.00	51.96 2.20 1.61	50.49 2.69 0.00	52.01 2.94 0.00	51.94 2.46 0.00	42.89 1.96 0.00	39.40 2.17 0.00
SOUTHOLD___IC 23719	40.58 0.95 0.00	47.05 1.80 0.00	42.69 1.63 0.00	40.17 1.72 0.00	43.33 1.85 0.00	44.83 1.52 0.51	94.61 3.81 0.00	120.17 6.29 4.19	99.06 5.24 18.14	49.21 2.18 0.00	46.26 2.14 0.08	45.97 2.67 0.00	42.59 2.53 0.00	40.00 2.15 0.00	40.39 2.45 0.00	39.45 2.60 0.00	42.18 2.39 0.00	52.17 2.31 0.00	51.95 2.19 1.61	50.47 2.67 0.00	52.00 2.93 0.00	51.93 2.45 0.00	42.88 1.94 0.00	39.39 2.16 0.00
SOUTH_FORK_WT_PWR 323839	40.29 0.65 0.00	46.86 1.61 0.00	42.54 1.49 0.00	40.06 1.61 0.00	43.28 1.79 0.00	44.75 1.44 0.51	94.51 3.71 0.00	119.94 6.07 4.19	98.81 4.98 18.14	49.12 2.09 0.00	46.08 1.95 0.08	45.93 2.63 0.00	42.57 2.51 0.00	40.01 2.16 0.00	40.42 2.47 0.00	39.46 2.62 0.00	42.11 2.31 0.00	51.96 2.10 0.00	51.77 2.00 1.61	50.48 2.68 0.00	52.02 2.95 0.00	51.98 2.50 0.00	42.89 1.96 0.00	39.37 2.15 0.00
SPIERFLS_115KV_TB 1 80737	40.56 0.92 0.00	46.30 1.05 0.00	42.21 1.16 0.00	39.58 1.13 0.00	42.49 1.00 0.00	44.99 1.17 0.00	94.28 3.48 0.00	122.36 4.30 0.00	115.45 3.48 0.00	48.24 1.21 0.00	45.29 1.08 0.00	44.51 1.22 0.00	41.26 1.20 0.00	39.03 1.18 0.00	39.16 1.21 0.00	38.07 1.22 0.00	41.32 1.53 0.00	52.00 2.14 0.00	53.44 2.07 0.00	49.74 1.93 0.00	51.06 1.99 0.00	51.13 1.66 0.00	42.19 1.25 0.00	38.21 0.98 0.00
ST LAWRENCE____ 23600	40.19 0.56 0.00	45.86 0.61 0.00	41.61 0.55 0.00	38.91 0.46 0.00	41.99 0.50 0.00	44.23 0.41 0.00	91.40 0.59 0.00	118.07 0.00 0.00	98.04 0.96 14.89	47.33 0.39 0.09	44.59 0.38 0.00	43.59 0.29 0.00	40.35 0.29 0.00	38.23 0.38 0.00	38.29 0.34 0.00	37.12 0.27 0.00	39.96 0.17 0.00	50.15 0.29 0.00	51.65 0.28 0.00	48.09 0.29 0.00	49.40 0.33 0.00	49.89 0.41 0.00	41.35 0.41 0.00	37.56 0.33 0.00

STATE_CA_115KV_115_LB 55624	39.67 0.03 0.00	45.27 0.01 0.00	41.13 0.08 0.00	38.59 0.14 0.00	41.54 0.05 0.00	43.98 0.15 0.00	91.44 0.63 0.00	119.32 1.26 0.00	112.74 0.77 0.00	47.29 0.26 0.00	44.36 0.15 0.00	43.61 0.31 0.00	40.44 0.38 0.00	38.26 0.41 0.00	38.55 0.60 0.00	37.50 0.65 0.00	40.59 0.79 0.00	50.71 0.85 0.00	52.06 0.69 0.00	48.46 0.65 0.00	49.72 0.64 0.00	49.95 0.47 0.00	41.22 0.28 0.00	37.42 0.19 0.00
STATE_ST_34_KV_LOAD 55959	39.73 0.09 0.00	45.30 0.05 0.00	41.09 0.04 0.00	38.47 0.02 0.00	41.66 0.17 0.00	43.91 0.09 0.00	91.22 0.41 0.00	122.15 0.82 -3.26	122.33 0.03 -10.34	46.91 -0.11 0.00	44.05 -0.16 0.00	42.99 -0.30 0.00	39.62 -0.44 0.00	37.33 -0.52 0.00	37.32 -0.63 0.00	36.17 -0.68 0.00	39.29 -0.51 0.00	50.93 -0.22 -1.29	52.50 0.04 -1.09	48.29 0.01 -0.48	49.57 -0.07 -0.57	50.24 -0.09 -0.85	40.83 -0.10 0.00	37.21 -0.02 0.00
STATION_5_MISC_HYD 23604	39.23 -0.10 0.30	44.66 -0.17 0.42	40.32 -0.30 0.43	37.64 -0.50 0.31	41.08 -0.19 0.22	43.02 -0.37 0.44	88.29 -2.06 0.46	105.48 -2.54 10.04	83.24 -2.93 25.80	46.15 -0.88 0.00	43.67 -0.47 0.07	42.63 -0.67 0.00	39.16 -0.90 0.00	36.77 -1.08 0.00	36.63 -1.32 0.00	35.48 -1.37 0.00	37.92 -1.70 0.17	44.98 -1.82 3.06	47.72 -1.65 2.01	45.05 -1.60 1.16	45.91 -1.71 1.46	46.30 -1.60 1.58	39.37 -1.19 0.38	36.25 -0.75 0.23
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.41 -0.23 0.00	44.96 -0.29 0.00	40.70 -0.36 0.00	37.99 -0.46 0.00	41.26 -0.23 0.00	43.55 -0.27 0.00	89.51 -1.30 0.00	109.43 -1.57 7.07	85.33 -2.11 24.52	46.25 -0.78 0.00	43.73 -0.48 0.00	42.64 -0.66 0.00	39.15 -0.91 0.00	36.80 -1.05 0.00	36.72 -1.23 0.00	35.59 -1.26 0.00	38.41 -1.39 0.00	45.77 -1.34 2.75	48.65 -1.13 1.59	46.02 -1.08 0.70	46.92 -1.21 0.95	47.04 -1.20 1.24	40.01 -0.93 0.00	36.61 -0.62 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.24 -0.39 0.00	44.75 -0.50 0.00	40.47 -0.59 0.00	37.71 -0.74 0.00	41.02 -0.47 0.00	43.17 -0.65 0.00	88.25 -2.55 0.00	107.68 -3.15 7.23	83.83 -3.43 24.71	45.88 -1.15 0.00	43.48 -0.73 0.00	42.36 -0.93 0.00	38.93 -1.13 0.00	36.58 -1.28 0.00	36.46 -1.49 0.00	35.30 -1.55 0.00	37.93 -1.87 0.00	45.07 -2.04 2.75	47.90 -1.90 1.57	45.29 -1.82 0.69	46.21 -1.94 0.93	46.41 -1.85 1.22	39.52 -1.42 0.00	36.26 -0.97 0.00
STA_56___34_KV_BUS2 355983	39.24 -0.39 0.00	44.75 -0.50 0.00	40.47 -0.59 0.00	37.71 -0.74 0.00	41.02 -0.47 0.00	43.17 -0.65 0.00	88.25 -2.55 0.00	107.68 -3.15 7.23	83.83 -3.43 24.71	45.88 -1.15 0.00	43.48 -0.73 0.00	42.36 -0.93 0.00	38.93 -1.13 0.00	36.58 -1.28 0.00	36.46 -1.49 0.00	35.30 -1.55 0.00	37.93 -1.87 0.00	45.07 -2.04 2.75	47.90 -1.90 1.57	45.29 -1.82 0.69	46.21 -1.94 0.93	46.41 -1.85 1.22	39.52 -1.42 0.00	36.26 -0.97 0.00
STA_67___115KV_BK2 355882	39.44 -0.19 0.00	44.98 -0.27 0.00	40.67 -0.39 0.00	37.88 -0.57 0.00	41.23 -0.26 0.00	43.37 -0.45 0.00	88.54 -2.27 0.00	107.80 -2.82 7.44	83.44 -3.14 25.38	46.04 -0.99 0.00	43.65 -0.56 0.00	42.54 -0.76 0.00	39.06 -1.00 0.00	36.70 -1.15 0.00	36.56 -1.39 0.00	35.40 -1.45 0.00	38.01 -1.79 0.00	45.07 -1.96 2.82	47.98 -1.79 1.61	45.37 -1.73 0.70	46.28 -1.85 0.95	46.51 -1.72 1.25	39.64 -1.30 0.00	36.41 -0.82 0.00
STA_7___115KV_9TRANS 80674	39.68 0.04 0.00	45.23 -0.02 0.00	40.89 -0.16 0.00	38.08 -0.37 0.00	41.46 -0.03 0.00	43.62 -0.20 0.00	89.12 -1.69 0.00	108.66 -1.95 7.46	84.14 -2.36 25.46	46.37 -0.66 0.00	43.96 -0.24 0.00	42.84 -0.46 0.00	39.35 -0.72 0.00	36.95 -0.91 0.00	36.81 -1.15 0.00	35.62 -1.22 0.00	38.29 -1.51 0.00	45.46 -1.57 2.83	48.40 -1.36 1.61	45.76 -1.33 0.71	46.68 -1.44 0.95	46.88 -1.34 1.25	39.92 -1.01 0.00	36.65 -0.58 0.00
STA_82___115KV_TB1 80780	39.46 -0.17 0.00	45.00 -0.25 0.00	40.70 -0.36 0.00	37.89 -0.56 0.00	41.25 -0.24 0.00	43.38 -0.44 0.00	88.54 -2.27 0.00	107.72 -2.78 7.56	83.04 -3.10 25.82	46.06 -0.97 0.00	43.65 -0.56 0.00	42.54 -0.76 0.00	39.06 -1.00 0.00	36.69 -1.16 0.00	36.55 -1.40 0.00	35.39 -1.46 0.00	38.00 -1.80 0.00	45.02 -1.96 2.87	47.96 -1.78 1.64	45.36 -1.73 0.72	46.28 -1.82 0.97	46.50 -1.71 1.27	39.65 -1.28 0.00	36.41 -0.82 0.00
STEEL___WIND 323596	38.66 -0.18 0.80	43.92 -0.21 1.12	39.48 -0.44 1.14	36.76 -0.85 0.84	40.56 -0.34 0.59	41.96 -0.71 1.16	84.96 -4.62 1.22	89.22 -6.90 21.94	56.17 -7.37 48.42	44.58 -2.21 0.24	42.85 -1.16 0.19	41.78 -1.51 0.00	38.23 -1.83 0.00	35.71 -2.06 0.08	35.46 -2.50 0.00	34.21 -2.64 0.00	35.69 -3.58 0.52	39.57 -4.35 5.94	43.13 -4.17 4.07	41.23 -3.95 2.62	41.70 -4.09 3.28	42.41 -3.84 3.23	37.02 -2.75 1.17	34.73 -1.78 0.72
STEPHTWN_115KV_BK_2 55603	39.84 0.21 0.00	45.52 0.27 0.00	41.32 0.27 0.00	38.75 0.30 0.00	41.78 0.30 0.00	44.30 0.48 0.00	92.29 1.48 0.00	120.22 2.15 0.00	113.55 1.58 0.00	47.55 0.52 0.00	44.50 0.29 0.00	43.71 0.42 0.00	40.56 0.49 0.00	38.38 0.53 0.00	38.59 0.64 0.00	37.60 0.75 0.00	40.85 1.05 0.00	51.03 1.17 0.00	52.39 1.01 0.00	48.67 0.87 0.00	49.99 0.91 0.00	50.19 0.72 0.00	41.47 0.54 0.00	37.60 0.37 0.00
STEBEN_REC_LFGE 323667	40.14 0.51 0.00	46.01 0.75 0.00	41.59 0.54 0.00	38.62 0.17 0.00	42.13 0.64 0.00	44.51 0.69 0.00	90.57 -0.24 0.00	78.92 -1.62 37.53	-26.76 -3.28 135.44	45.45 -1.58 0.00	43.56 -0.65 0.00	42.57 -0.73 0.00	38.79 -1.27 0.00	36.24 -1.61 0.00	36.00 -1.95 0.00	34.72 -2.13 0.00	37.21 -2.58 0.00	31.78 -2.53 15.55	39.77 -2.07 9.53	41.71 -1.92 4.18	41.11 -2.28 5.69	39.54 -2.54 7.40	39.18 -1.76 0.00	36.13 -1.10 0.00
STILLWATER___SOLAR 323814	40.75 1.12 0.00	46.52 1.27 0.00	42.32 1.27 0.00	39.67 1.22 0.00	42.67 1.18 0.00	45.20 1.38 0.00	94.25 3.44 0.00	122.61 4.55 0.00	115.79 3.82 0.00	48.43 1.40 0.00	45.43 1.22 0.00	44.52 1.23 0.00	41.26 1.20 0.00	39.09 1.23 0.00	39.24 1.29 0.00	38.17 1.32 0.00	41.44 1.65 0.00	52.05 2.19 0.00	53.50 2.13 0.00	49.78 1.97 0.00	51.09 2.02 0.00	51.28 1.80 0.00	42.30 1.36 0.00	38.36 1.13 0.00
STONY___BROOK 24151	40.53 0.90 0.00	46.62 1.36 0.00	42.19 1.13 0.00	39.59 1.14 0.00	42.56 1.07 0.00	44.05 0.74 0.51	92.58 1.78 0.00	117.76 3.88 4.18	96.87 2.98 18.08	48.58 1.55 0.00	46.04 1.91 0.08	45.49 2.20 0.00	42.09 2.03 0.00	39.48 1.63 0.00	39.79 1.84 0.00	38.73 1.89 0.00	41.49 1.69 0.00	51.49 1.63 0.00	51.16 1.38 1.60	49.38 1.58 0.00	50.83 1.76 0.00	50.70 1.23 0.00	41.94 1.01 0.00	38.59 1.36 0.00
STURGEON_POOL_HYD 23609	40.71 1.08 0.00	46.51 1.26 0.00	42.15 1.09 0.00	39.55 1.10 0.00	42.64 1.15 0.00	45.21 1.39 0.00	93.98 3.17 0.00	123.52 5.46 0.00	116.02 4.06 0.00	48.84 1.81 0.00	46.11 1.90 0.00	45.25 1.95 0.00	41.82 1.76 0.00	39.38 1.53 0.00	39.56 1.61 0.00	38.54 1.69 0.00	41.62 1.82 0.00	51.82 1.96 0.00	53.34 1.97 0.00	49.70 1.90 0.00	50.89 1.82 0.00	51.25 1.78 0.00	42.38 1.44 0.00	38.58 1.35 0.00

ST_LAW_115_BK7_LBMP 345037	40.25 0.62 0.00	45.95 0.70 0.00	41.66 0.60 0.00	38.96 0.51 0.00	42.05 0.57 0.00	44.29 0.47 0.00	91.51 0.70 0.00	118.12 0.05 0.00	93.04 1.13 20.04	47.37 0.45 0.10	44.63 0.42 0.00	43.63 0.33 0.00	40.39 0.33 0.00	38.27 0.42 0.00	38.33 0.38 0.00	37.16 0.31 0.00	40.00 0.20 0.00	50.21 0.35 0.00	51.69 0.31 0.00	48.14 0.34 0.00	49.47 0.40 0.00	49.96 0.48 0.00	41.41 0.48 0.00	37.61 0.38 0.00
ST_LAW_115_BK8_LBMP 345038	40.25 0.62 0.00	45.95 0.70 0.00	41.66 0.60 0.00	38.96 0.51 0.00	42.05 0.57 0.00	44.29 0.47 0.00	91.51 0.70 0.00	118.12 0.05 0.00	93.04 1.13 20.04	47.37 0.45 0.10	44.63 0.42 0.00	43.63 0.33 0.00	40.39 0.33 0.00	38.27 0.42 0.00	38.33 0.38 0.00	37.16 0.31 0.00	40.00 0.20 0.00	50.21 0.35 0.00	51.69 0.31 0.00	48.14 0.34 0.00	49.47 0.40 0.00	49.96 0.48 0.00	41.41 0.48 0.00	37.61 0.38 0.00
ST_LAW_230_BK5_LBMP 345035	40.19 0.56 0.00	45.86 0.61 0.00	41.61 0.55 0.00	38.91 0.46 0.00	41.99 0.50 0.00	44.23 0.41 0.00	91.40 0.59 0.00	118.07 0.00 0.00	100.82 0.96 12.10	47.35 0.39 0.06	44.59 0.38 0.00	43.59 0.29 0.00	40.35 0.29 0.00	38.23 0.38 0.00	38.29 0.34 0.00	37.12 0.27 0.00	39.96 0.17 0.00	50.15 0.29 0.00	51.65 0.28 0.00	48.09 0.29 0.00	49.40 0.33 0.00	49.89 0.41 0.00	41.35 0.41 0.00	37.56 0.33 0.00
ST_LAW_230_BK6_LBMP 345036	40.19 0.56 0.00	45.86 0.61 0.00	41.61 0.55 0.00	38.91 0.46 0.00	41.99 0.50 0.00	44.23 0.41 0.00	91.40 0.59 0.00	118.07 0.00 0.00	100.82 0.96 12.10	47.35 0.39 0.06	44.59 0.38 0.00	43.59 0.29 0.00	40.35 0.29 0.00	38.23 0.38 0.00	38.29 0.34 0.00	37.12 0.27 0.00	39.96 0.17 0.00	50.15 0.29 0.00	51.65 0.28 0.00	48.09 0.29 0.00	49.40 0.33 0.00	49.89 0.41 0.00	41.35 0.41 0.00	37.56 0.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.62 0.99 0.00	46.39 1.14 0.00	42.02 0.97 0.00	39.43 0.98 0.00	42.53 1.04 0.00	45.12 1.29 0.00	93.82 3.02 0.00	123.28 5.22 0.00	116.06 4.10 0.00	48.88 1.85 0.00	46.27 2.06 0.00	45.52 2.23 0.00	42.07 2.01 0.00	39.63 1.78 0.00	39.83 1.88 0.00	38.78 1.93 0.00	41.83 2.04 0.00	52.01 2.15 0.00	53.53 2.16 0.00	49.88 2.08 0.00	51.05 1.98 0.00	51.32 1.84 0.00	42.44 1.50 0.00	38.70 1.47 0.00
SWANROAD_115KV_TB1 355699	38.74 -0.89 0.00	44.19 -1.07 0.00	39.85 -1.21 0.00	36.88 -1.57 0.00	40.46 -1.03 0.00	42.08 -1.74 0.00	83.14 -7.66 0.00	95.38 -10.27 12.41	60.75 -9.71 41.51	43.68 -3.35 0.00	41.96 -2.25 0.00	40.62 -2.68 0.00	37.17 -2.89 0.00	34.83 -3.03 0.00	34.49 -3.46 0.00	33.25 -3.60 0.00	35.05 -4.75 0.00	39.34 -5.92 4.60	43.02 -5.82 2.53	41.14 -5.55 1.11	41.86 -5.68 1.53	42.36 -5.17 1.95	37.04 -3.90 0.00	34.65 -2.58 0.00
SYNERGY___BIOGAS 323694	40.11 0.47 0.00	45.73 0.47 0.00	41.29 0.24 0.00	38.30 -0.15 0.00	41.91 0.42 0.00	43.92 0.10 0.00	88.43 -2.37 0.00	104.57 -3.00 10.49	73.42 -3.23 35.31	45.96 -1.07 0.00	43.69 -0.52 0.00	42.30 -1.00 0.00	38.74 -1.32 0.00	36.25 -1.60 0.00	35.91 -2.04 0.00	34.64 -2.21 0.00	36.93 -2.87 0.00	43.02 -2.92 3.92	46.78 -2.41 2.18	44.51 -2.34 0.96	45.31 -2.46 1.31	45.61 -2.18 1.69	39.34 -1.60 0.00	36.44 -0.79 0.00
SYRACUSE___ENERGY_ST1 323597	39.25 -0.38 0.00	44.78 -0.47 0.00	40.62 -0.44 0.00	38.03 -0.42 0.00	41.14 -0.35 0.00	43.51 -0.32 0.00	90.20 -0.60 0.00	117.70 -0.37 0.00	111.05 -0.91 0.00	46.56 -0.47 0.00	43.72 -0.49 0.00	42.74 -0.56 0.00	39.46 -0.61 0.00	37.21 -0.64 0.00	37.26 -0.70 0.00	36.19 -0.66 0.00	39.20 -0.60 0.00	49.35 -0.51 0.00	50.98 -0.40 0.00	47.40 -0.40 0.00	48.59 -0.47 0.00	48.99 -0.49 0.00	40.50 -0.44 0.00	36.87 -0.36 0.00
SYRACUSE___ENERGY_ST2 323598	39.25 -0.38 0.00	44.78 -0.47 0.00	40.62 -0.44 0.00	38.03 -0.42 0.00	41.14 -0.35 0.00	43.51 -0.32 0.00	90.20 -0.60 0.00	117.70 -0.37 0.00	111.05 -0.91 0.00	46.56 -0.47 0.00	43.72 -0.49 0.00	42.74 -0.56 0.00	39.46 -0.61 0.00	37.21 -0.64 0.00	37.26 -0.70 0.00	36.19 -0.66 0.00	39.20 -0.60 0.00	49.35 -0.51 0.00	50.98 -0.40 0.00	47.40 -0.40 0.00	48.59 -0.47 0.00	48.99 -0.49 0.00	40.50 -0.44 0.00	36.87 -0.36 0.00
SYRACUSE___POWER 24017	39.25 -0.38 0.00	44.79 -0.46 0.00	40.62 -0.44 0.00	38.02 -0.42 0.00	41.13 -0.36 0.00	43.52 -0.30 0.00	90.23 -0.57 0.00	120.39 -0.30 -2.63	122.33 -1.08 -11.45	46.55 -0.48 0.00	43.69 -0.52 0.00	42.71 -0.59 0.00	39.45 -0.61 0.00	37.18 -0.67 0.00	37.22 -0.74 0.00	36.15 -0.70 0.00	39.13 -0.67 0.00	50.55 -0.64 -1.33	51.75 -0.51 -0.88	47.71 -0.48 -0.39	49.06 -0.55 -0.53	49.59 -0.57 -0.68	40.43 -0.51 0.00	36.80 -0.43 0.00
TALLMAN__138KV_BK151 55660	40.65 1.02 0.00	46.43 1.18 0.00	42.04 0.99 0.00	39.45 0.99 0.00	42.55 1.06 0.00	45.15 1.33 0.00	93.97 3.17 0.00	123.54 5.48 0.00	116.17 4.21 0.00	48.97 1.94 0.00	46.44 2.23 0.00	45.74 2.44 0.00	42.26 2.20 0.00	39.79 1.94 0.00	40.00 2.05 0.00	38.94 2.09 0.00	42.00 2.20 0.00	52.14 2.28 0.00	53.65 2.27 0.00	50.00 2.19 0.00	51.16 2.09 0.00	51.39 1.91 0.00	42.50 1.57 0.00	38.78 1.55 0.00
TEALLAVE_115KV_TB7 355573	39.01 -0.63 0.00	44.51 -0.74 0.00	40.36 -0.69 0.00	37.79 -0.66 0.00	40.87 -0.62 0.00	43.23 -0.59 0.00	89.55 -1.26 0.00	116.87 -1.19 0.00	110.27 -1.69 0.00	46.30 -0.73 0.00	43.49 -0.72 0.00	42.52 -0.78 0.00	39.28 -0.78 0.00	37.06 -0.80 0.00	37.10 -0.85 0.00	36.03 -0.82 0.00	38.98 -0.81 0.00	49.01 -0.85 0.00	50.58 -0.79 0.00	47.06 -0.74 0.00	48.25 -0.82 0.00	48.64 -0.83 0.00	40.22 -0.72 0.00	36.61 -0.62 0.00
TELGRAPH_34_KV_EAST 80808	39.46 -0.17 0.00	45.00 -0.26 0.00	40.59 -0.47 0.00	37.62 -0.83 0.00	41.21 -0.28 0.00	43.05 -0.77 0.00	85.84 -4.97 0.00	100.13 -6.57 11.37	67.35 -6.44 38.18	44.91 -2.13 0.00	42.96 -1.25 0.00	41.63 -1.67 0.00	38.09 -1.97 0.00	35.66 -2.18 0.00	35.32 -2.63 0.00	34.07 -2.78 0.00	36.12 -3.68 0.00	41.31 -4.32 4.23	44.97 -4.06 2.35	42.89 -3.89 1.03	43.64 -4.02 1.42	44.03 -3.63 1.81	38.24 -2.69 0.00	35.58 -1.65 0.00
TEMPLE___115KV_TB 2 55572	39.01 -0.62 0.00	44.52 -0.73 0.00	40.37 -0.68 0.00	37.79 -0.66 0.00	40.87 -0.61 0.00	43.24 -0.58 0.00	89.58 -1.23 0.00	116.92 -1.14 0.00	110.31 -1.65 0.00	46.31 -0.72 0.00	43.50 -0.71 0.00	42.54 -0.76 0.00	39.29 -0.77 0.00	37.06 -0.79 0.00	37.11 -0.84 0.00	36.06 -0.79 0.00	39.01 -0.79 0.00	49.03 -0.83 0.00	50.61 -0.76 0.00	47.07 -0.73 0.00	48.27 -0.80 0.00	48.66 -0.81 0.00	40.23 -0.70 0.00	36.63 -0.60 0.00
TIANA____69_KV_BK 1 55817	40.64 1.01 0.00	46.92 1.67 0.00	42.50 1.45 0.00	39.94 1.49 0.00	42.99 1.50 0.00	44.45 1.14 0.51	93.69 2.88 0.00	119.07 5.20 4.19	97.98 4.15 18.14	48.79 1.76 0.00	46.06 1.94 0.08	45.58 2.28 0.00	42.25 2.19 0.00	39.63 1.77 0.00	40.01 2.07 0.00	39.07 2.22 0.00	41.87 2.07 0.00	51.92 2.06 0.00	51.54 1.77 1.61	49.87 2.07 0.00	51.38 2.31 0.00	51.30 1.83 0.00	42.44 1.51 0.00	39.05 1.82 0.00

TILDEN___115KV_TB1 80814	39.25 -0.38 0.00	44.79 -0.46 0.00	40.62 -0.44 0.00	38.02 -0.42 0.00	41.13 -0.36 0.00	43.52 -0.30 0.00	90.23 -0.57 0.00	120.39 -0.30 -2.63	122.33 -1.08 -11.45	46.55 -0.48 0.00	43.69 -0.52 0.00	42.71 -0.59 0.00	39.45 -0.61 0.00	37.18 -0.67 0.00	37.22 -0.74 0.00	36.15 -0.70 0.00	39.13 -0.67 0.00	50.55 -0.64 -1.33	51.75 -0.51 -0.88	47.71 -0.48 -0.39	49.06 -0.55 -0.53	49.59 -0.57 -0.68	40.43 -0.51 0.00	36.80 -0.43 0.00
TRIGEN___CC 323695	40.77 1.14 0.00	46.64 1.39 0.00	42.20 1.14 0.00	39.60 1.16 0.00	42.62 1.13 0.00	44.81 1.07 0.08	93.11 2.30 0.00	119.12 4.41 3.35	100.94 3.47 14.49	49.02 1.98 0.00	47.01 2.43 -0.37	45.92 2.62 0.00	42.45 2.39 0.00	39.94 2.09 0.00	40.18 2.22 -0.01	39.02 2.17 0.00	41.89 2.09 0.00	52.06 2.20 0.00	53.08 2.07 0.37	49.88 2.08 0.00	51.17 2.10 0.00	51.22 1.75 0.00	42.36 1.42 0.00	38.76 1.53 0.00
TRINITY___115KV___4 BK 55933	39.40 -0.23 0.00	44.99 -0.26 0.00	40.88 -0.17 0.00	38.35 -0.10 0.00	41.25 -0.24 0.00	43.67 -0.15 0.00	90.78 -0.02 0.00	118.43 0.37 0.00	111.90 -0.06 0.00	46.95 -0.08 0.00	44.04 -0.17 0.00	43.30 0.00 0.00	40.16 0.10 0.00	37.99 0.14 0.00	38.28 0.33 0.00	37.23 0.38 0.00	40.28 0.49 0.00	50.29 0.43 0.00	51.64 0.27 0.00	48.07 0.27 0.00	49.34 0.27 0.00	49.58 0.10 0.00	40.94 0.00 0.00	37.17 -0.06 0.00
UNION___PROCESSING_DRP 323587	39.47 -0.16 0.00	45.01 -0.24 0.00	40.70 -0.35 0.00	37.91 -0.54 0.00	41.25 -0.23 0.00	43.40 -0.42 0.00	88.56 -2.25 0.00	107.74 -2.76 7.57	83.04 -3.09 25.83	46.06 -0.97 0.00	43.66 -0.55 0.00	42.54 -0.76 0.00	39.06 -0.99 0.00	36.70 -1.15 0.00	36.56 -1.39 0.00	35.39 -1.46 0.00	38.01 -1.79 0.00	45.03 -1.95 2.88	47.97 -1.77 1.64	45.38 -1.71 0.72	46.28 -1.82 0.97	46.50 -1.71 1.27	39.65 -1.28 0.00	36.42 -0.81 0.00
UPPER HUDSON___HYD 24058	40.56 0.92 0.00	46.30 1.05 0.00	42.21 1.15 0.00	39.58 1.13 0.00	42.48 0.99 0.00	44.99 1.17 0.00	94.28 3.48 0.00	122.38 4.32 0.00	115.45 3.49 0.00	48.24 1.21 0.00	45.28 1.07 0.00	44.51 1.22 0.00	41.26 1.20 0.00	39.03 1.18 0.00	39.16 1.21 0.00	38.07 1.22 0.00	41.32 1.52 0.00	52.00 2.14 0.00	53.44 2.06 0.00	49.74 1.93 0.00	51.06 1.99 0.00	51.14 1.66 0.00	42.19 1.25 0.00	38.21 0.98 0.00
UPPER RAQUET___HYD 24056	41.65 2.02 0.00	47.52 2.26 0.00	43.09 2.03 0.00	40.25 1.80 0.00	43.49 2.00 0.00	45.80 1.98 0.00	94.33 3.53 0.00	121.59 4.99 -140.22	257.17 4.99 -0.74	49.36 1.60 0.00	45.38 1.17 0.00	44.32 1.02 0.00	41.12 1.05 0.00	38.95 1.10 0.00	38.95 1.00 0.00	37.74 0.89 0.00	40.37 0.57 0.00	50.85 0.99 0.00	52.23 0.85 0.00	48.85 1.04 0.00	50.37 1.30 0.00	51.36 1.88 0.00	42.75 1.81 0.00	38.76 1.53 0.00
VALLEY44_115KV_TB2 355964	39.40 -0.24 0.00	45.14 -0.12 0.00	40.71 -0.34 0.00	37.77 -0.68 0.00	41.34 -0.15 0.00	43.60 -0.23 0.00	88.27 -2.53 0.00	96.90 -4.37 16.80	54.72 -5.01 52.22	45.58 -1.45 0.00	43.84 -0.36 0.00	42.74 -0.56 0.00	38.93 -1.13 0.00	36.43 -1.42 0.00	36.15 -1.80 0.00	34.91 -1.94 0.00	37.09 -2.70 0.00	40.89 -3.21 5.76	45.40 -2.88 3.10	43.89 -2.55 1.36	44.52 -2.65 1.90	44.47 -2.60 2.41	38.99 -1.94 0.00	35.95 -1.28 0.00
VALLEY___115KV_TB 1-4 80826	40.81 1.17 0.00	46.59 1.34 0.00	42.29 1.24 0.00	39.66 1.21 0.00	42.78 1.29 0.00	45.34 1.52 0.00	94.40 3.60 0.00	123.18 5.11 0.00	115.77 3.80 0.00	48.04 1.01 0.00	44.94 0.73 0.00	44.13 0.83 0.00	41.12 1.06 0.00	38.62 0.77 0.00	38.58 0.62 0.00	37.50 0.65 0.00	40.91 1.11 0.00	51.82 1.96 0.00	53.56 2.19 0.00	49.79 1.98 0.00	51.07 2.00 0.00	51.34 1.87 0.00	42.23 1.30 0.00	38.23 1.00 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.98 1.35 0.00	46.90 1.65 0.00	42.51 1.46 0.00	39.91 1.46 0.00	43.07 1.59 0.00	45.63 1.81 0.00	94.80 3.99 0.00	124.10 5.96 -0.07	116.77 4.80 0.00	49.00 1.97 0.00	46.07 1.86 0.00	45.11 1.81 0.00	41.73 1.67 0.00	39.32 1.47 0.00	39.38 1.43 0.00	38.30 1.45 0.00	41.57 1.77 0.00	52.74 2.17 -0.71	54.29 2.11 -0.81	50.07 1.92 -0.35	51.02 1.95 0.00	52.08 1.98 -0.63	42.52 1.59 0.00	38.69 1.46 0.00
VISCHER___FERRY HYD 24020	40.29 0.66 0.00	45.98 0.72 0.00	41.81 0.76 0.00	39.19 0.74 0.00	42.14 0.66 0.00	44.63 0.81 0.00	92.86 2.05 0.00	120.86 2.80 0.00	114.34 2.37 0.00	47.91 0.88 0.00	44.88 0.67 0.00	44.08 0.78 0.00	40.88 0.82 0.00	38.72 0.87 0.00	39.01 1.06 0.00	37.95 1.10 0.00	41.09 1.30 0.00	51.40 1.54 0.00	52.77 1.39 0.00	49.14 1.34 0.00	50.45 1.38 0.00	50.65 1.18 0.00	41.79 0.85 0.00	37.91 0.68 0.00
V_A_10_SYNC_DSASP 323832	39.07 -0.56 0.00	44.59 -0.66 0.00	40.22 -0.83 0.00	37.28 -1.17 0.00	40.81 -0.68 0.00	42.69 -1.14 0.00	85.41 -5.39 0.00	99.86 -7.37 10.83	68.09 -7.49 36.39	44.66 -2.36 0.00	42.79 -1.42 0.00	41.55 -1.75 0.00	38.04 -2.03 0.00	35.67 -2.19 0.00	35.41 -2.54 0.00	34.16 -2.69 0.00	36.26 -3.54 0.00	41.42 -4.41 4.03	44.82 -4.32 2.23	42.71 -4.12 0.98	43.51 -4.22 1.34	43.83 -3.91 1.73	38.07 -2.87 0.00	35.36 -1.87 0.00
V_CMM_10_SYNC_DSASP 323787	40.47 0.84 0.00	46.20 0.94 0.00	41.90 0.85 0.00	39.16 0.71 0.00	42.28 0.79 0.00	44.53 0.71 0.00	91.99 1.19 0.00	118.55 0.49 0.00	93.26 1.35 20.04	47.59 0.66 0.10	44.85 0.64 0.00	43.85 0.55 0.00	40.59 0.53 0.00	38.45 0.60 0.00	38.51 0.56 0.00	37.34 0.49 0.00	40.20 0.40 0.00	50.45 0.59 0.00	51.95 0.57 0.00	48.38 0.58 0.00	49.72 0.64 0.00	50.21 0.73 0.00	41.62 0.69 0.00	37.80 0.57 0.00
V_CMP_10_SYNC_DSASP 323788	40.74 1.11 0.00	46.48 1.22 0.00	42.23 1.18 0.00	39.54 1.09 0.00	42.45 0.96 0.00	44.50 0.68 0.00	91.32 0.52 0.00	117.61 -0.45 0.00	112.67 0.71 0.00	47.46 0.44 0.00	44.79 0.58 0.00	43.89 0.59 0.00	40.66 0.60 0.00	38.51 0.66 0.00	38.62 0.67 0.00	37.35 0.51 0.00	39.92 0.12 0.00	50.10 0.24 0.00	51.42 0.04 0.00	47.92 0.12 0.00	49.22 0.15 0.00	49.85 0.38 0.00	41.65 0.71 0.00	38.02 0.79 0.00
V_D_10_SYNC_DSASP 323841	40.90 1.27 0.00	46.70 1.45 0.00	42.35 1.30 0.00	39.57 1.13 0.00	42.73 1.24 0.00	45.01 1.19 0.00	92.93 2.13 0.00	119.60 1.54 0.00	356.32 3.02 -241.34	49.40 1.11 -1.27	45.24 1.03 0.00	44.22 0.93 0.00	40.94 0.88 0.00	38.78 0.93 0.00	38.83 0.88 0.00	37.65 0.81 0.00	40.51 0.71 0.00	50.86 1.00 0.00	52.22 0.84 0.00	48.81 1.01 0.00	50.16 1.10 0.00	50.70 1.23 0.00	42.04 1.11 0.00	38.19 0.95 0.00
V_E_10_SYNC_DSASP 323830	42.32 2.49 -0.19	48.43 2.91 -0.27	43.94 2.61 -0.28	41.14 2.48 -0.20	44.58 2.95 -0.14	47.64 3.53 -0.28	99.09 7.99 -0.30	148.25 11.25 -18.93	175.84 8.91 -54.96	50.03 2.92 -0.09	46.68 2.47 0.00	45.45 2.15 0.00	41.95 1.88 0.00	39.34 1.46 -0.03	39.28 1.33 0.00	38.26 1.41 0.00	42.13 2.17 -0.16	60.47 3.69 -6.92	60.82 4.10 -5.35	54.03 3.62 -2.61	55.80 3.71 -3.02	57.36 3.71 -4.18	44.21 2.91 -0.37	39.90 2.45 -0.23

V_F_30_NSYNC___DSASP 323816	40.81 1.18 0.00	46.58 1.32 0.00	42.37 1.31 0.00	39.72 1.26 0.00	42.72 1.23 0.00	45.27 1.45 0.00	94.38 3.57 0.00	122.77 4.71 0.00	115.91 3.95 0.00	48.51 1.48 0.00	45.52 1.31 0.00	44.63 1.33 0.00	41.35 1.28 0.00	39.15 1.30 0.00	39.33 1.37 0.00	38.23 1.38 0.00	41.50 1.71 0.00	52.11 2.25 0.00	53.58 2.21 0.00	49.84 2.04 0.00	51.14 2.07 0.00	51.35 1.87 0.00	42.35 1.42 0.00	38.41 1.18 0.00
V_F_30_SYNC_DSASP 323786	39.66 0.03 0.00	45.27 0.01 0.00	41.13 0.08 0.00	38.59 0.14 0.00	41.52 0.04 0.00	43.98 0.15 0.00	91.42 0.61 0.00	119.30 1.24 0.00	112.69 0.72 0.00	47.28 0.25 0.00	44.36 0.15 0.00	43.61 0.31 0.00	40.44 0.38 0.00	38.25 0.40 0.00	38.55 0.60 0.00	37.50 0.65 0.00	40.59 0.79 0.00	50.70 0.84 0.00	52.06 0.68 0.00	48.45 0.65 0.00	49.70 0.63 0.00	49.93 0.45 0.00	41.21 0.27 0.00	37.41 0.18 0.00
V_XM_10_SYNC_DSASP 323789	40.74 1.11 0.00	46.48 1.22 0.00	42.23 1.18 0.00	39.54 1.09 0.00	42.45 0.96 0.00	44.50 0.68 0.00	91.32 0.52 0.00	117.61 -0.45 0.00	112.67 0.71 0.00	47.46 0.44 0.00	44.79 0.58 0.00	43.89 0.59 0.00	40.66 0.60 0.00	38.51 0.66 0.00	38.62 0.67 0.00	37.35 0.51 0.00	39.92 0.12 0.00	50.10 0.24 0.00	51.42 0.04 0.00	47.92 0.12 0.00	49.22 0.15 0.00	49.85 0.38 0.00	41.65 0.71 0.00	38.02 0.79 0.00
W.BABYLN_69_KV_BK1 56697	41.17 1.54 0.00	47.18 1.93 0.00	42.68 1.63 0.00	40.04 1.59 0.00	43.06 1.57 0.00	44.69 1.30 0.43	93.70 2.89 0.00	119.39 5.22 3.90	99.21 4.11 16.86	49.24 2.21 0.00	46.82 2.58 -0.03	46.11 2.81 0.00	42.60 2.54 0.00	40.04 2.19 0.00	40.30 2.35 0.00	39.18 2.33 0.00	42.07 2.27 0.00	52.37 2.51 0.00	52.46 2.44 1.35	50.25 2.45 0.00	51.62 2.55 0.00	51.55 2.08 0.00	42.60 1.66 0.00	39.12 1.89 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.85 1.22 0.00	46.65 1.40 0.00	42.26 1.21 0.00	39.64 1.19 0.00	42.76 1.27 0.00	45.37 1.55 0.00	94.44 3.64 0.00	124.24 6.17 0.00	117.08 5.11 0.00	49.35 2.32 0.00	46.80 2.59 0.00	46.06 2.76 0.00	42.57 2.51 0.00	40.08 2.23 0.00	40.29 2.34 0.00	39.23 2.38 0.00	42.23 2.44 0.00	52.46 2.60 0.00	53.99 2.61 0.00	50.30 2.50 0.00	51.46 2.38 0.00	51.68 2.20 0.00	42.73 1.79 0.00	38.96 1.73 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.89 1.26 0.00	46.68 1.43 0.00	42.27 1.22 0.00	39.67 1.22 0.00	42.78 1.29 0.00	45.40 1.58 0.00	94.41 3.60 0.00	124.41 6.34 0.00	117.16 5.19 0.00	49.53 2.51 0.00	46.99 2.78 0.00	46.26 2.97 0.00	42.76 2.70 0.00	40.29 2.44 0.00	40.47 2.52 0.00	39.40 2.55 0.00	42.45 2.65 0.00	52.65 2.78 0.00	54.15 2.78 0.00	50.43 2.62 0.00	51.58 2.51 0.00	51.77 2.29 0.00	42.78 1.85 0.00	39.02 1.79 0.00
W50THST__13_KV_LOAD 356117	41.02 1.39 0.00	46.82 1.57 0.00	42.41 1.35 0.00	39.79 1.34 0.00	42.92 1.44 0.00	45.56 1.74 0.00	94.75 3.95 0.00	124.90 6.84 0.00	117.61 5.65 0.00	49.76 2.73 0.00	47.23 3.02 0.00	46.49 3.20 0.00	42.98 2.91 0.00	40.50 2.64 0.00	40.67 2.72 0.00	39.60 2.76 0.00	42.66 2.86 0.00	52.90 3.04 0.00	54.39 3.01 0.00	50.65 2.84 0.00	51.79 2.72 0.00	51.94 2.47 0.00	42.94 2.01 0.00	39.16 1.93 0.00
WADING RIVER_IC_1 23522	40.40 0.77 0.00	46.63 1.37 0.00	42.21 1.16 0.00	39.63 1.18 0.00	42.60 1.11 0.00	43.99 0.69 0.51	92.69 1.88 0.00	117.81 3.94 4.19	96.87 3.05 18.14	48.30 1.28 0.00	45.71 1.59 0.08	45.19 1.89 0.00	41.92 1.86 0.00	39.29 1.44 0.00	39.68 1.73 0.00	38.75 1.90 0.00	41.52 1.72 0.00	51.46 1.60 0.00	50.96 1.19 1.61	49.24 1.43 0.00	50.78 1.71 0.00	50.70 1.23 0.00	42.01 1.08 0.00	38.68 1.45 0.00
WADING RIVER_IC_2 23547	40.40 0.77 0.00	46.63 1.37 0.00	42.21 1.16 0.00	39.63 1.18 0.00	42.60 1.11 0.00	43.99 0.69 0.51	92.69 1.88 0.00	117.81 3.94 4.19	96.87 3.05 18.14	48.30 1.28 0.00	45.71 1.59 0.08	45.19 1.89 0.00	41.92 1.86 0.00	39.29 1.44 0.00	39.68 1.73 0.00	38.75 1.90 0.00	41.52 1.72 0.00	51.46 1.60 0.00	50.96 1.19 1.61	49.24 1.43 0.00	50.78 1.71 0.00	50.70 1.23 0.00	42.01 1.08 0.00	38.68 1.45 0.00
WADING RIVER_IC_3 23601	40.40 0.77 0.00	46.63 1.37 0.00	42.21 1.16 0.00	39.63 1.18 0.00	42.60 1.11 0.00	43.99 0.69 0.51	92.69 1.88 0.00	117.81 3.94 4.19	96.87 3.05 18.14	48.30 1.28 0.00	45.71 1.59 0.08	45.19 1.89 0.00	41.92 1.86 0.00	39.29 1.44 0.00	39.68 1.73 0.00	38.75 1.90 0.00	41.52 1.72 0.00	51.46 1.60 0.00	50.96 1.19 1.61	49.24 1.43 0.00	50.78 1.71 0.00	50.70 1.23 0.00	42.01 1.08 0.00	38.68 1.45 0.00
WALDENNY_12_KV_BK2 80841	39.48 -0.15 0.00	45.07 -0.18 0.00	40.63 -0.42 0.00	37.64 -0.81 0.00	41.22 -0.27 0.00	43.13 -0.69 0.00	86.11 -4.70 0.00	97.20 -6.75 14.12	58.17 -7.04 46.76	44.90 -2.13 0.00	43.13 -1.08 0.00	41.88 -1.42 0.00	38.29 -1.77 0.00	35.84 -2.01 0.00	35.50 -2.45 0.00	34.26 -2.59 0.00	36.27 -3.53 0.00	40.36 -4.33 5.17	44.39 -4.15 2.83	42.60 -3.97 1.24	43.25 -4.10 1.72	43.47 -3.81 2.19	38.16 -2.77 0.00	35.49 -1.74 0.00
WALDEN__HYDRO 24148	40.81 1.18 0.00	46.60 1.35 0.00	42.22 1.17 0.00	39.60 1.15 0.00	42.73 1.24 0.00	45.33 1.51 0.00	94.30 3.49 0.00	123.92 5.85 0.00	116.64 4.67 0.00	49.08 2.05 0.00	46.41 2.20 0.00	45.63 2.34 0.00	42.16 2.10 0.00	39.69 1.84 0.00	39.89 1.94 0.00	38.85 2.00 0.00	41.97 2.17 0.00	52.22 2.36 0.00	53.80 2.43 0.00	50.14 2.34 0.00	51.31 2.24 0.00	51.57 2.09 0.00	42.64 1.70 0.00	38.86 1.63 0.00
WARRENSBURG____ 23737	40.56 0.92 0.00	46.30 1.05 0.00	42.21 1.16 0.00	39.58 1.13 0.00	42.49 1.00 0.00	44.99 1.17 0.00	94.28 3.48 0.00	122.36 4.30 0.00	115.45 3.48 0.00	48.24 1.21 0.00	45.29 1.08 0.00	44.51 1.22 0.00	41.26 1.20 0.00	39.03 1.18 0.00	39.16 1.21 0.00	38.07 1.22 0.00	41.32 1.53 0.00	52.00 2.14 0.00	53.44 2.07 0.00	49.74 1.93 0.00	51.06 1.99 0.00	51.13 1.66 0.00	42.19 1.25 0.00	38.21 0.98 0.00
WATERSIDE____6 8 9 23538	40.84 1.20 0.00	46.54 1.29 0.00	42.18 1.13 0.00	39.61 1.16 0.00	42.68 1.19 0.00	45.27 1.45 0.00	93.94 3.13 0.00	124.17 6.10 0.00	116.75 4.79 0.00	49.36 2.33 0.00	46.91 2.71 0.00	46.14 2.85 0.00	42.66 2.60 0.00	40.16 2.31 0.00	40.38 2.43 0.00	39.32 2.47 0.00	42.25 2.45 0.00	52.37 2.51 0.00	53.82 2.44 0.00	50.15 2.35 0.00	51.29 2.22 0.00	51.53 2.06 0.00	42.58 1.64 0.00	38.88 1.65 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.40 0.76 0.00	46.13 0.88 0.00	41.85 0.80 0.00	39.25 0.80 0.00	42.33 0.84 0.00	44.84 1.02 0.00	93.25 2.44 0.00	121.67 3.61 0.00	114.55 2.59 0.00	47.69 0.66 0.00	44.69 0.48 0.00	43.86 0.57 0.00	40.78 0.72 0.00	38.37 0.52 0.00	38.36 0.41 0.00	37.28 0.43 0.00	40.55 0.75 0.00	51.21 1.35 0.00	52.90 1.52 0.00	49.19 1.39 0.00	50.47 1.40 0.00	50.78 1.31 0.00	41.84 0.90 0.00	37.93 0.70 0.00

WDELAWARE___HYD 323627	40.34 0.70 0.00	46.07 0.82 0.00	41.74 0.69 0.00	39.17 0.72 0.00	42.26 0.78 0.00	44.84 1.02 0.00	93.43 2.62 0.00	122.79 4.73 0.00	115.48 3.52 0.00	48.41 1.38 0.00	45.59 1.39 0.00	44.70 1.40 0.00	41.14 1.08 0.00	37.89 0.03 0.00	38.07 0.12 0.00	37.13 0.29 0.00	40.25 0.45 0.00	50.29 0.43 0.00	51.88 0.50 0.00	48.34 0.53 0.00	49.64 0.57 0.00	50.99 1.51 0.00	42.16 1.22 0.00	38.38 1.15 0.00
WEST BABYLON___IC 23714	41.17 1.54 0.00	47.18 1.93 0.00	42.68 1.63 0.00	40.04 1.59 0.00	43.06 1.57 0.00	44.69 1.30 0.43	93.70 2.89 0.00	119.39 5.22 3.90	99.21 4.11 16.86	49.24 2.21 0.00	46.82 2.58 -0.03	46.11 2.81 0.00	42.60 2.54 0.00	40.04 2.19 0.00	40.30 2.35 0.00	39.18 2.33 0.00	42.07 2.27 0.00	52.37 2.51 0.00	52.46 2.44 1.35	50.25 2.45 0.00	51.62 2.55 0.00	51.55 2.08 0.00	42.60 1.66 0.00	39.12 1.89 0.00
WEST CANADA___HYD 24049	39.63 0.00 0.00	45.25 0.00 0.00	41.07 0.02 0.00	38.49 0.04 0.00	41.53 0.04 0.00	43.89 0.07 0.00	91.03 0.23 0.00	118.64 0.58 0.00	112.19 0.22 0.00	47.09 0.06 0.00	44.25 0.04 0.00	43.35 0.06 0.00	40.13 0.07 0.00	37.89 0.05 0.00	38.00 0.06 0.00	36.92 0.07 0.00	39.92 0.13 0.00	50.02 0.16 0.00	51.54 0.16 0.00	47.95 0.14 0.00	49.22 0.15 0.00	49.58 0.11 0.00	41.00 0.07 0.00	37.28 0.05 0.00
WESTERN_NY_WIND 24143	40.06 0.43 0.00	45.68 0.43 0.00	41.25 0.19 0.00	38.25 -0.20 0.00	41.86 0.38 0.00	43.87 0.05 0.00	88.23 -2.58 0.00	104.00 -3.30 10.76	72.28 -3.47 36.21	45.87 -1.16 0.00	43.62 -0.59 0.00	42.23 -1.07 0.00	38.68 -1.38 0.00	36.20 -1.65 0.00	35.84 -2.11 0.00	34.58 -2.27 0.00	36.84 -2.96 0.00	42.80 -3.05 4.02	46.59 -2.56 2.23	44.37 -2.46 0.98	45.14 -2.59 1.34	45.45 -2.30 1.73	39.25 -1.69 0.00	36.37 -0.86 0.00
WESTOVER___LESR 323668	39.62 -0.01 0.00	45.29 0.04 0.00	41.02 -0.03 0.00	38.39 -0.06 0.00	41.59 0.10 0.00	44.02 0.20 0.00	91.11 0.30 0.00	115.37 0.76 3.46	99.75 -0.36 11.85	47.07 0.04 0.00	44.47 0.26 0.00	43.48 0.18 0.00	40.08 0.02 0.00	37.75 -0.10 0.00	37.77 -0.17 0.00	36.69 -0.15 0.00	39.62 -0.17 0.00	49.38 -0.17 0.32	51.35 -0.02 0.00	47.79 -0.02 0.00	48.47 -0.05 0.55	49.40 -0.08 0.00	40.85 -0.08 0.00	37.26 0.03 0.00
WETHRSFD_WT_PWR 323626	39.11 -0.34 0.18	44.66 -0.34 0.25	40.29 -0.50 0.26	37.44 -0.82 0.19	40.93 -0.43 0.13	42.84 -0.72 0.26	86.46 -4.07 0.28	92.49 -6.75 18.83	39.04 -7.69 65.24	44.16 -2.87 0.00	42.40 -1.81 0.00	41.37 -1.92 0.00	37.85 -2.22 0.00	35.48 -2.37 0.00	35.17 -2.78 0.00	33.92 -2.93 0.00	36.07 -3.72 0.00	38.29 -4.29 7.28	43.32 -3.98 4.07	42.22 -3.80 1.78	42.52 -4.08 2.47	42.33 -3.99 3.16	38.04 -2.90 0.00	35.28 -1.95 0.00
WHAVSTOR_138KV_BK127 55557	40.62 0.98 0.00	46.39 1.14 0.00	42.02 0.96 0.00	39.41 0.96 0.00	42.51 1.03 0.00	45.10 1.28 0.00	93.86 3.05 0.00	123.39 5.33 0.00	116.08 4.11 0.00	48.95 1.92 0.00	46.40 2.20 0.00	45.69 2.39 0.00	42.23 2.16 0.00	39.76 1.91 0.00	39.97 2.01 0.00	38.90 2.06 0.00	41.95 2.15 0.00	52.08 2.22 0.00	53.59 2.22 0.00	49.94 2.13 0.00	51.10 2.03 0.00	51.33 1.85 0.00	42.46 1.52 0.00	38.73 1.50 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.62 0.98 0.00	46.39 1.14 0.00	42.02 0.96 0.00	39.41 0.96 0.00	42.51 1.03 0.00	45.10 1.28 0.00	93.86 3.05 0.00	123.39 5.33 0.00	116.08 4.11 0.00	48.95 1.92 0.00	46.40 2.20 0.00	45.69 2.39 0.00	42.23 2.16 0.00	39.76 1.91 0.00	39.97 2.01 0.00	38.90 2.06 0.00	41.95 2.15 0.00	52.08 2.22 0.00	53.59 2.22 0.00	49.94 2.13 0.00	51.10 2.03 0.00	51.33 1.85 0.00	42.46 1.52 0.00	38.73 1.50 0.00
WHITEHAL_115KV_TB1 80871	41.24 1.61 0.00	46.99 1.74 0.00	43.00 1.95 0.00	40.34 1.89 0.00	43.11 1.62 0.00	45.92 2.10 0.00	97.06 6.26 0.00	124.73 6.67 0.00	117.83 5.86 0.00	49.06 2.03 0.00	46.06 1.85 0.00	45.69 2.39 0.00	42.61 2.54 0.00	40.29 2.44 0.00	40.48 2.53 0.00	39.38 2.53 0.00	42.55 2.75 0.00	53.60 3.74 0.00	54.84 3.46 0.00	51.18 3.37 0.00	52.65 3.57 0.00	52.35 2.87 0.00	43.00 2.07 0.00	38.96 1.73 0.00
WHITEPLN_13_KV_LOAD 356215	41.02 1.38 0.00	46.85 1.60 0.00	42.43 1.37 0.00	39.80 1.35 0.00	42.93 1.44 0.00	45.54 1.72 0.00	94.77 3.96 0.00	124.78 6.72 0.00	117.55 5.58 0.00	49.60 2.57 0.00	47.01 2.80 0.00	46.27 2.97 0.00	42.76 2.70 0.00	40.28 2.42 0.00	40.47 2.52 0.00	39.41 2.56 0.00	42.48 2.68 0.00	52.78 2.92 0.00	54.33 2.96 0.00	50.59 2.79 0.00	51.74 2.67 0.00	51.93 2.46 0.00	42.91 1.97 0.00	39.11 1.88 0.00
WM_FLOYD_69_KV_BK2 356380	40.53 0.90 0.00	46.68 1.43 0.00	42.26 1.20 0.00	39.68 1.23 0.00	42.65 1.16 0.00	44.11 0.80 0.51	92.81 2.00 0.00	118.04 4.16 4.19	97.01 3.16 18.12	48.46 1.44 0.00	45.85 1.73 0.08	45.31 2.01 0.00	41.97 1.91 0.00	39.35 1.50 0.00	39.71 1.76 0.00	38.76 1.91 0.00	41.55 1.76 0.00	51.60 1.74 0.00	51.20 1.43 1.60	49.45 1.64 0.00	50.92 1.85 0.00	50.84 1.36 0.00	42.08 1.15 0.00	38.74 1.51 0.00
WOODARD___115KV_TB2 355635	38.97 -0.66 0.00	44.47 -0.78 0.00	40.33 -0.72 0.00	37.75 -0.69 0.00	40.82 -0.66 0.00	43.17 -0.65 0.00	89.43 -1.37 0.00	116.72 -1.34 0.00	110.20 -1.76 0.00	46.25 -0.77 0.00	43.43 -0.78 0.00	42.47 -0.83 0.00	39.24 -0.82 0.00	37.02 -0.83 0.00	37.07 -0.88 0.00	36.01 -0.84 0.00	38.96 -0.83 0.00	48.99 -0.87 0.00	50.56 -0.81 0.00	47.03 -0.77 0.00	48.22 -0.85 0.00	48.62 -0.85 0.00	40.21 -0.73 0.00	36.60 -0.63 0.00
WOODMERE_69_KV_BK1 55827	41.17 1.54 0.00	47.10 1.84 0.00	42.59 1.54 0.00	39.96 1.52 0.00	43.01 1.52 0.00	45.30 1.48 0.00	93.77 2.96 0.00	119.86 5.39 3.59	100.85 4.42 15.54	49.49 2.46 0.00	48.09 2.88 -1.00	46.37 3.07 0.00	42.85 2.78 0.00	40.32 2.46 0.00	40.60 2.61 -0.04	39.37 2.52 0.00	42.28 2.49 0.00	52.58 2.72 0.00	53.85 2.62 0.15	50.42 2.62 0.00	51.75 2.68 0.00	51.78 2.30 0.00	42.81 1.87 0.00	39.17 1.94 0.00
YORK___WARBASSE 23770	40.98 1.34 0.00	46.67 1.42 0.00	42.29 1.24 0.00	39.70 1.25 0.00	42.77 1.29 0.00	45.40 1.58 0.00	94.32 3.51 0.00	124.70 6.64 0.00	117.20 5.24 0.00	49.48 2.45 0.00	47.01 2.80 0.00	46.23 2.93 0.00	42.72 2.66 0.00	40.22 2.37 0.00	40.44 2.49 0.00	39.39 2.54 0.00	42.34 2.54 0.00	52.54 2.67 0.00	54.05 2.68 0.00	50.41 2.61 0.00	51.56 2.49 0.00	51.78 2.31 0.00	42.76 1.82 0.00	39.02 1.80 0.00