

Time Weighted/Integrated Real Time LBMP- Generator

Generator Data		02/07/2024																							
Name	PTID	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
59TH STREET_GT_1	24138	43.01	46.34	38.11	45.71	46.31	45.60	57.51	49.28	79.34	40.37	32.82	34.01	37.67	34.74	35.78	36.28	35.39	36.77	38.85	43.90	41.41	43.11	36.49	31.47
		2.28	2.09	1.74	2.06	2.08	2.53	3.91	3.68	5.64	2.75	2.14	2.30	2.42	2.05	2.10	2.25	2.45	2.86	3.10	3.42	3.08	2.61	2.19	1.77
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.33	-1.67	-0.03	-0.01	0.00	0.00	0.00	0.54	0.33	0.31	0.44	1.15	0.96	1.38	0.73	0.00
74TH STREET_GT_1	24260	42.99	46.33	38.11	45.69	46.30	45.57	57.42	49.20	79.67	40.89	32.72	33.90	37.53	34.63	35.69	36.20	35.30	36.70	38.79	43.85	41.37	43.10	36.46	31.45
		2.26	2.08	1.73	2.05	2.07	2.49	3.82	3.60	5.46	2.63	2.03	2.18	2.27	1.95	2.01	2.18	2.36	2.79	3.04	3.37	3.04	2.60	2.15	1.75
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.84	-2.31	-0.04	-0.01	0.00	0.00	0.00	0.54	0.33	0.31	0.44	1.15	0.96	1.38	0.73	0.00
74TH STREET_GT_2	24261	42.99	46.33	38.11	45.69	46.30	45.57	57.42	49.20	79.67	40.89	32.72	33.90	37.53	34.63	35.69	36.20	35.30	36.70	38.79	43.85	41.37	43.10	36.46	31.45
		2.26	2.08	1.73	2.05	2.07	2.49	3.82	3.60	5.46	2.63	2.03	2.18	2.27	1.95	2.01	2.18	2.36	2.79	3.04	3.37	3.04	2.60	2.15	1.75
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.84	-2.31	-0.04	-0.01	0.00	0.00	0.00	0.54	0.33	0.31	0.44	1.15	0.96	1.38	0.73	0.00
ADK HUDSON___FALLS	24011	41.71	45.23	37.22	44.61	45.39	44.57	56.12	47.87	75.27	36.85	31.16	32.13	35.68	33.12	34.45	35.39	34.69	35.77	37.80	42.87	40.35	42.41	35.56	30.68
		0.97	0.98	0.85	0.97	1.15	1.50	2.51	2.28	2.90	0.90	0.51	0.43	0.42	0.44	0.77	1.21	1.65	1.77	1.92	2.05	1.74	1.51	1.05	0.98
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.24	0.22	0.31	0.82	0.68	0.98	0.52	0.00
ADK RESOURCE___RCVRY	23798	41.76	45.32	37.33	44.72	45.53	44.80	56.43	48.17	75.62	36.95	31.24	32.22	35.71	33.19	34.64	35.60	34.95	35.95	38.00	43.08	40.44	42.53	35.63	30.79
		1.03	1.07	0.95	1.07	1.30	1.73	2.82	2.58	3.25	1.00	0.59	0.52	0.45	0.51	0.96	1.42	1.91	1.95	2.12	2.26	1.84	1.63	1.11	1.09
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.24	0.22	0.31	0.82	0.68	0.98	0.52	0.00
ADK S GLENS___FALLS	24028	41.71	45.23	37.22	44.61	45.39	44.57	59.17	50.44	76.95	36.85	31.16	32.13	35.68	33.12	34.45	35.39	34.69	35.77	37.80	42.87	40.61	43.41	35.56	30.68
		0.97	0.98	0.85	0.97	1.15	1.50	2.51	2.28	2.90	0.90	0.51	0.43	0.42	0.44	0.77	1.21	1.65	1.77	1.92	2.05	1.74	1.51	1.05	0.98
		0.00	0.00	0.00	0.00	0.00	0.00	-3.05	-2.57	-1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.38	0.24	0.22	0.31	0.82	0.42	-0.02	0.52	0.00
ADK_NYS___DAM	23527	42.95	46.45	38.22	45.79	46.53	45.31	56.94	48.41	76.43	37.57	31.77	32.78	36.45	33.86	35.12	35.94	34.98	36.14	38.23	43.36	41.20	43.33	36.43	31.51
		2.22	2.20	1.84	2.14	2.29	2.24	3.34	2.81	4.06	1.61	1.12	1.08	1.19	1.17	1.44	1.77	1.96	2.16	2.36	2.57	2.62	2.46	1.93	1.81
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	0.24	0.23	0.32	0.85	0.70	1.01	0.54	0.00
AIR_PRODUCTS___DRP	24190	41.04	44.36	36.53	43.74	44.39	43.43	54.62	46.44	73.38	36.30	30.73	31.75	35.22	32.66	33.77	34.50	33.66	34.83	36.72	41.65	39.38	41.43	34.86	30.12
		0.31	0.11	0.15	0.09	0.15	0.36	1.01	0.85	1.01	0.35	0.08	0.05	-0.05	-0.02	0.09	0.33	0.63	0.84	0.85	0.86	0.80	0.56	0.36	0.42
		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	0.39	0.24	0.23	0.32	0.84	0.70	1.01	0.54	0.00
AKWESSNE_115KV_BK	355683	41.33	45.18	37.11	44.54	45.10	43.57	53.58	45.40	72.67	36.33	31.17	32.26	36.08	33.51	34.52	34.89	33.23	33.92	35.74	40.87	38.69	41.41	34.93	29.92
		0.60	0.92	0.74	0.89	0.86	0.50	-0.03	-0.20	0.30	0.38	0.52	0.57	0.82	0.82	0.84	0.61	0.13	-0.14	-0.22	-0.15	-0.10	0.26	0.28	0.22
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.28	0.17	0.16	0.23	0.60	0.51	0.73	0.39	0.00
ALBANY_1_SOLAR	323833	42.05	45.52	37.40	44.82	45.50	44.53	55.91	47.48	74.63	36.58	31.04	32.02	35.61	33.01	34.11	34.94	34.30	35.52	37.47	42.56	40.25	42.36	35.65	30.78
		1.31	1.27	1.03	1.17	1.27	1.46	2.30	1.88	2.26	0.63	0.39	0.32	0.35	0.32	0.43	0.79	1.28	1.54	1.61	1.80	1.69	1.53	1.17	1.07
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.25	0.24	0.33	0.87	0.73	1.04	0.55	0.00
ALBANY_2_SOLAR	323834	42.03	45.51	37.39	44.82	45.50	44.50	55.89	47.45	74.59	36.58	31.04	32.01	35.61	33.00	34.10	34.94	34.29	35.51	37.46	42.55	40.24	42.36	35.64	30.77
		1.29	1.26	1.01	1.17	1.26	1.43	2.29	1.86	2.22	0.63	0.39	0.31	0.35	0.32	0.42	0.78	1.28	1.53	1.60	1.79	1.67	1.52	1.16	1.07
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.25	0.24	0.33	0.87	0.73	1.04	0.55	0.00
ALBANY___1	23571	41.04	44.36	36.53	43.74	44.39	43.43	54.62	46.44	73.38	36.30	30.73	31.75	35.22	32.66	33.77	34.50	33.66	34.83	36.72	41.65	39.38	41.43	34.86	30.12
		0.31	0.11	0.15	0.09	0.15	0.36	1.01	0.85	1.01	0.35	0.08	0.05	-0.05	-0.02	0.09	0.33	0.63	0.84	0.85	0.86	0.80	0.56	0.36	0.42
		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	0.39	0.24	0.23	0.32	0.84	0.70	1.01	0.54	0.00

ALBANY___2 23572	41.04 0.31 0.00	44.36 0.11 0.00	36.53 0.15 0.00	43.74 0.09 0.00	44.39 0.15 0.00	43.43 0.36 0.00	54.62 1.01 0.00	46.44 0.85 0.00	73.38 1.01 0.00	36.30 0.35 0.00	30.73 0.08 0.00	31.75 0.05 0.00	35.22 -0.05 0.00	32.66 -0.02 0.00	33.77 0.09 0.00	34.50 0.33 0.39	33.66 0.63 0.24	34.83 0.84 0.23	36.72 0.85 0.32	41.65 0.86 0.84	39.38 0.80 0.70	41.43 0.56 1.01	34.86 0.36 0.54	30.12 0.42 0.00
ALBANY___3 23573	41.04 0.31 0.00	44.36 0.11 0.00	36.53 0.15 0.00	43.74 0.09 0.00	44.39 0.15 0.00	43.43 0.36 0.00	54.62 1.01 0.00	46.44 0.85 0.00	73.38 1.01 0.00	36.30 0.35 0.00	30.73 0.08 0.00	31.75 0.05 0.00	35.22 -0.05 0.00	32.66 -0.02 0.00	33.77 0.09 0.00	34.50 0.33 0.39	33.66 0.63 0.24	34.83 0.84 0.23	36.72 0.85 0.32	41.65 0.86 0.84	39.38 0.80 0.70	41.43 0.56 1.01	34.86 0.36 0.54	30.12 0.42 0.00
ALBANY___4 23574	41.04 0.31 0.00	44.36 0.11 0.00	36.53 0.15 0.00	43.74 0.09 0.00	44.39 0.15 0.00	43.43 0.36 0.00	54.62 1.01 0.00	46.44 0.85 0.00	73.38 1.01 0.00	36.30 0.35 0.00	30.73 0.08 0.00	31.75 0.05 0.00	35.22 -0.05 0.00	32.66 -0.02 0.00	33.77 0.09 0.00	34.50 0.33 0.39	33.66 0.63 0.24	34.83 0.84 0.23	36.72 0.85 0.32	41.65 0.86 0.84	39.38 0.80 0.70	41.43 0.56 1.01	34.86 0.36 0.54	30.12 0.42 0.00
ALBANY___LFGE 323615	41.47 0.74 0.00	44.83 0.58 0.00	36.90 0.53 0.00	44.20 0.55 0.00	44.88 0.64 0.00	43.90 0.83 0.00	55.22 1.61 0.00	46.96 1.36 0.00	74.21 1.84 0.00	36.69 0.73 0.00	31.07 0.41 0.00	32.10 0.39 0.00	35.60 0.34 0.00	33.02 0.34 0.00	34.15 0.47 0.00	34.90 0.72 0.39	34.04 1.01 0.24	35.21 1.22 0.23	37.14 1.27 0.32	42.15 1.35 0.84	39.84 1.25 0.70	41.89 1.02 1.00	35.23 0.73 0.53	30.41 0.72 0.00
ALCOA_PA_115KV_PL-6C 55860	41.56 0.83 0.00	45.44 1.19 0.00	37.33 0.96 0.00	44.81 1.16 0.00	45.37 1.14 0.00	43.82 0.75 0.00	53.83 0.22 0.00	45.60 0.01 0.00	73.02 0.65 0.00	36.49 0.53 0.00	31.29 0.64 0.00	32.39 0.69 0.00	36.32 1.06 0.00	33.75 1.07 0.00	34.78 1.10 0.00	34.96 0.76 0.37	33.31 0.27 0.23	34.02 0.01 0.21	35.81 -0.08 0.30	40.86 0.01 0.79	38.68 0.05 0.66	41.35 0.41 0.94	34.94 0.41 0.50	30.07 0.36 0.00
ALCOA_RYNLDS___DRP 24188	41.56 0.83 0.00	45.44 1.19 0.00	37.33 0.96 0.00	44.81 1.16 0.00	45.37 1.14 0.00	43.82 0.75 0.00	53.83 0.22 0.00	45.60 0.01 0.00	73.02 0.65 0.00	36.49 0.53 0.00	31.29 0.64 0.00	32.39 0.69 0.00	36.32 1.06 0.00	33.75 1.07 0.00	34.78 1.10 0.00	34.96 0.76 0.37	33.31 0.27 0.23	34.02 0.01 0.21	35.81 -0.08 0.30	40.86 0.01 0.79	38.68 0.05 0.66	41.35 0.41 0.94	34.94 0.41 0.50	30.07 0.36 0.00
ALCOA___DSASP 323711	41.56 0.83 0.00	45.44 1.19 0.00	37.33 0.96 0.00	44.81 1.16 0.00	45.37 1.13 0.00	43.82 0.75 0.00	53.83 0.22 0.00	45.60 0.01 0.00	73.02 0.65 0.00	36.49 0.54 0.00	31.29 0.64 0.00	32.39 0.69 0.00	36.31 1.06 0.00	33.75 1.07 0.00	34.78 1.10 0.00	34.96 0.76 0.37	33.31 0.27 0.23	34.01 0.01 0.21	35.82 -0.07 0.30	40.85 0.01 0.79	38.68 0.05 0.66	41.34 0.40 0.94	34.95 0.41 0.50	30.07 0.36 0.00
ALLEGHENY___COGEN 23514	39.76 -0.93 0.04	43.23 -1.02 0.00	35.50 -0.87 0.00	42.65 -1.00 0.00	43.11 -1.12 0.00	42.42 -0.65 0.00	53.89 -0.60 -0.88	45.79 0.19 0.00	71.46 -0.90 0.01	35.73 -0.10 0.13	30.12 -0.53 0.00	30.89 -0.81 0.00	34.27 -0.99 0.00	31.71 -0.97 0.00	32.72 -0.96 0.00	29.35 -0.74 4.47	30.06 -0.47 2.74	32.31 0.69 2.60	33.62 1.10 3.67	33.30 1.20 9.53	32.40 1.09 7.98	30.92 0.46 11.42	28.82 -0.13 6.08	29.26 -0.44 0.00
ALTAMONT_115KV_TB 2 55880	41.59 0.86 0.00	45.03 0.77 0.00	37.03 0.66 0.00	44.40 0.75 0.00	45.05 0.81 0.00	44.06 0.99 0.00	55.27 1.66 0.00	47.05 1.45 0.00	74.37 2.00 0.00	36.75 0.80 0.00	31.18 0.53 0.00	32.21 0.51 0.00	35.76 0.50 0.00	33.14 0.45 0.00	34.24 0.56 0.00	34.92 0.75 0.39	34.02 0.99 0.24	35.18 1.19 0.23	37.16 1.29 0.32	42.18 1.39 0.84	39.88 1.30 0.70	41.99 1.11 1.00	35.35 0.85 0.54	30.47 0.77 0.00
ALTONA_WT_PWR 323606	43.03 2.30 0.00	47.11 2.86 0.00	38.69 2.32 0.00	46.41 2.76 0.00	46.88 2.65 0.00	45.33 2.26 0.00	55.49 1.88 0.00	46.78 1.19 0.00	75.18 2.81 0.00	37.04 1.09 0.00	32.02 1.37 0.00	33.15 1.46 0.00	37.07 1.81 0.00	34.47 1.78 0.00	35.62 1.94 0.00	36.01 1.76 0.31	34.36 1.28 0.19	35.00 0.96 0.18	37.07 1.13 0.25	42.07 1.09 0.66	39.76 1.03 0.55	42.59 1.51 0.79	35.88 1.26 0.42	31.11 1.41 0.00
AMERICAN_REF_FUEL 24010	35.99 -4.70 0.05	39.49 -4.77 0.00	32.43 -3.94 0.00	38.98 -4.67 0.00	39.31 -4.93 0.00	38.59 -4.48 0.00	45.50 -7.07 1.04	40.03 -5.57 0.00	63.25 -9.11 0.01	31.11 -4.68 0.16	26.91 -3.74 0.00	27.75 -3.94 0.00	30.97 -4.29 0.00	28.82 -3.86 0.00	29.52 -4.16 0.00	25.45 -4.26 4.85	26.55 -3.74 2.98	27.54 -3.86 2.82	28.12 -4.08 3.99	26.43 -4.86 10.35	26.17 -4.46 8.66	24.46 -5.02 12.40	24.51 -3.92 6.60	26.79 -2.91 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	38.22 -2.46 0.05	41.96 -2.30 0.00	34.39 -1.98 0.00	41.36 -2.29 0.00	41.65 -2.58 0.00	40.90 -2.17 0.00	49.50 -3.50 0.60	43.04 -2.55 0.00	67.55 -4.81 0.01	33.20 -2.61 0.15	28.78 -1.87 0.00	29.76 -1.94 0.00	33.19 -2.07 0.00	30.80 -1.88 0.00	31.37 -2.31 0.00	27.44 -2.42 4.70	28.62 -1.77 2.88	29.70 -1.79 2.73	30.42 -1.92 3.86	29.23 -2.39 10.02	28.68 -2.22 8.38	26.98 -2.90 12.00	26.20 -2.45 6.39	27.93 -1.77 0.00
ARTHUR KILL_GT_1 23520	42.89 2.16 0.00	46.25 2.00 0.00	38.09 1.71 0.00	45.64 1.99 0.00	46.20 1.96 0.00	45.47 2.40 0.00	57.09 3.48 0.00	48.87 3.27 0.00	79.11 4.90 -1.84	40.68 2.42 -2.31	32.51 1.81 -0.04	33.65 1.94 -0.01	37.23 1.97 0.00	34.32 1.64 0.00	35.32 1.64 0.00	35.79 1.77 0.54	34.97 2.03 0.33	36.32 2.42 0.31	38.43 2.67 0.44	43.54 3.06 1.15	40.74 2.72 1.27	41.57 2.22 2.53	36.27 1.96 0.73	31.30 1.60 0.00
ARTHUR_KILL_2 23512	42.78 2.04 0.00	46.13 1.88 0.00	37.98 1.61 0.00	45.52 1.87 0.00	46.08 1.84 0.00	45.35 2.28 0.00	56.92 3.32 0.00	48.73 3.13 0.00	78.89 4.68 -1.84	40.57 2.31 -2.31	32.43 1.74 -0.04	33.57 1.85 -0.01	37.14 1.88 0.00	34.23 1.54 0.00	35.22 1.55 0.00	35.71 1.68 0.54	34.87 1.94 0.33	36.22 2.31 0.31	38.30 2.55 0.44	43.41 2.92 1.15	40.62 2.60 1.27	41.44 2.09 2.53	36.16 1.86 0.73	31.21 1.51 0.00
ARTHUR_KILL_3 23513	42.53 1.80 0.00	45.82 1.57 0.00	37.69 1.32 0.00	45.19 1.54 0.00	45.78 1.55 0.00	45.07 2.00 0.00	53.26 3.20 3.54	45.63 3.02 2.98	76.66 4.58 0.29	40.14 2.24 -1.95	32.38 1.70 -0.03	33.55 1.84 -0.01	37.16 1.90 0.00	34.29 1.61 0.00	35.34 1.66 0.00	35.83 1.80 0.54	34.94 2.00 0.33	36.31 2.40 0.31	38.38 2.63 0.44	43.37 2.89 1.15	40.58 2.56 1.27	41.43 2.09 2.53	36.07 1.76 0.73	31.13 1.42 0.00

ARTHUR_KILL_COGEN 323718	42.89 2.16 0.00	46.25 2.00 0.00	38.09 1.71 0.00	45.64 1.99 0.00	46.20 1.96 0.00	45.47 2.40 0.00	57.09 3.48 0.00	48.87 3.27 0.00	79.11 4.90 -1.84	40.68 2.42 -2.31	32.51 1.81 -0.04	33.65 1.94 -0.01	37.23 1.97 0.00	34.32 1.64 0.00	35.32 1.64 0.00	35.79 1.77 0.54	34.97 2.03 0.33	36.32 2.42 0.31	38.43 2.67 0.44	43.54 3.06 1.15	40.74 2.72 1.27	41.57 2.22 2.53	36.27 1.96 0.73	31.30 1.60 0.00
ASHOKAN____ 23654	43.15 2.42 0.00	46.63 2.38 0.00	38.37 1.99 0.00	46.00 2.35 0.00	46.76 2.52 0.00	45.91 2.84 0.00	57.84 4.23 0.00	49.36 3.77 0.00	77.65 5.28 0.00	37.91 1.96 0.00	31.89 1.24 0.00	32.80 1.10 0.00	36.44 1.19 0.00	33.91 1.23 0.00	34.92 1.24 0.00	35.81 1.72 0.47	35.27 2.29 0.29	36.79 2.84 0.27	38.88 3.08 0.39	44.02 3.39 1.00	41.52 3.06 0.84	43.51 2.83 1.20	36.56 2.16 0.64	31.55 1.85 0.00
ASTORIA_EAST_ENERGY_CC1 323581	42.68 1.95 0.00	45.95 1.70 0.00	37.87 1.50 0.00	45.32 1.67 0.00	45.93 1.70 0.00	45.24 2.17 0.00	57.05 3.45 0.00	48.83 3.24 0.00	78.85 4.93 -1.55	40.30 2.40 -1.94	32.52 1.84 -0.03	33.68 1.97 -0.01	37.30 2.04 0.00	34.35 1.67 0.00	35.43 1.75 0.00	35.86 1.84 0.54	35.00 2.06 0.33	36.36 2.46 0.31	38.44 2.69 0.44	43.56 3.07 1.15	41.09 2.76 0.96	42.77 2.28 1.38	36.23 1.92 0.73	31.29 1.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	42.68 1.95 0.00	45.95 1.70 0.00	37.87 1.50 0.00	45.32 1.67 0.00	45.93 1.70 0.00	45.24 2.17 0.00	57.05 3.45 0.00	48.83 3.24 0.00	78.85 4.93 -1.55	40.30 2.40 -1.94	32.52 1.84 -0.03	33.68 1.97 -0.01	37.30 2.04 0.00	34.35 1.67 0.00	35.43 1.75 0.00	35.86 1.84 0.54	35.00 2.06 0.33	36.36 2.46 0.31	38.44 2.69 0.44	43.56 3.07 1.15	41.09 2.76 0.96	42.77 2.28 1.38	36.23 1.92 0.73	31.29 1.59 0.00
ASTORIA_GT2_1 24094	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT2_2 24095	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT2_3 24096	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT2_4 24097	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT3_1 24098	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT3_2 24099	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT3_3 24100	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT3_4 24101	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT4_1 24102	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT4_2 24103	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT4_3 24104	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00

ASTORIA_GT4_4 24105	42.70 1.96 0.00	45.98 1.73 0.00	37.90 1.53 0.00	45.35 1.70 0.00	45.96 1.73 0.00	45.27 2.20 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.89 4.97 -1.55	40.31 2.40 -1.95	32.55 1.86 -0.04	33.71 1.99 -0.02	37.32 2.05 0.00	34.37 1.68 0.00	35.45 1.77 0.00	35.89 1.86 0.54	35.02 2.09 0.33	36.38 2.48 0.31	38.46 2.71 0.44	43.59 3.11 1.15	41.12 2.80 0.96	42.82 2.32 1.38	36.26 1.96 0.73	31.31 1.61 0.00
ASTORIA_GT_1 23523	42.77 2.04 0.00	46.05 1.80 0.00	37.94 1.57 0.00	45.41 1.76 0.00	46.03 1.80 0.00	45.34 2.27 0.00	57.19 3.58 0.00	48.94 3.34 0.00	79.01 5.09 -1.55	40.39 2.50 -1.94	32.60 1.92 -0.03	33.77 2.06 -0.01	37.38 2.13 0.00	34.44 1.75 0.00	35.52 1.84 0.00	35.94 1.92 0.54	35.08 2.14 0.33	36.45 2.54 0.31	38.53 2.78 0.44	43.67 3.19 1.15	41.19 2.86 0.96	42.89 2.39 1.38	36.31 2.00 0.73	31.35 1.65 0.00
ASTORIA_GT_10 24110	42.80 2.07 0.00	46.13 1.87 0.00	37.96 1.59 0.00	45.49 1.84 0.00	46.09 1.86 0.00	45.38 2.30 0.00	57.16 3.55 0.00	48.96 3.37 0.00	79.32 5.12 -1.84	40.70 2.45 -2.31	32.55 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.42 1.74 0.00	35.91 1.88 0.54	35.03 2.09 0.33	36.41 2.50 0.31	38.49 2.74 0.44	43.55 3.07 1.15	41.09 2.76 0.96	42.79 2.28 1.38	36.21 1.91 0.73	31.24 1.54 0.00
ASTORIA_GT_11 24225	42.80 2.07 0.00	46.13 1.87 0.00	37.96 1.59 0.00	45.49 1.84 0.00	46.09 1.86 0.00	45.38 2.30 0.00	57.16 3.55 0.00	48.96 3.37 0.00	79.32 5.12 -1.84	40.70 2.45 -2.31	32.55 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.42 1.74 0.00	35.91 1.88 0.54	35.03 2.09 0.33	36.41 2.50 0.31	38.49 2.74 0.44	43.55 3.07 1.15	41.09 2.76 0.96	42.79 2.28 1.38	36.21 1.91 0.73	31.24 1.54 0.00
ASTORIA_GT_12 24226	42.80 2.07 0.00	46.13 1.87 0.00	37.96 1.59 0.00	45.49 1.84 0.00	46.09 1.86 0.00	45.38 2.30 0.00	57.16 3.55 0.00	48.96 3.37 0.00	79.32 5.12 -1.84	40.70 2.45 -2.31	32.55 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.42 1.74 0.00	35.91 1.88 0.54	35.03 2.09 0.33	36.41 2.50 0.31	38.49 2.74 0.44	43.55 3.07 1.15	41.09 2.76 0.96	42.79 2.28 1.38	36.21 1.91 0.73	31.24 1.54 0.00
ASTORIA_GT_13 24227	42.80 2.07 0.00	46.13 1.87 0.00	37.96 1.59 0.00	45.49 1.84 0.00	46.09 1.86 0.00	45.38 2.30 0.00	57.16 3.55 0.00	48.96 3.37 0.00	79.32 5.12 -1.84	40.70 2.45 -2.31	32.55 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.42 1.74 0.00	35.91 1.88 0.54	35.03 2.09 0.33	36.41 2.50 0.31	38.49 2.74 0.44	43.55 3.07 1.15	41.09 2.76 0.96	42.79 2.28 1.38	36.21 1.91 0.73	31.24 1.54 0.00
ASTORIA_GT_5 24106	42.76 2.03 0.00	46.06 1.80 0.00	37.96 1.59 0.00	45.41 1.76 0.00	46.03 1.79 0.00	45.34 2.27 0.00	57.18 3.57 0.00	48.94 3.34 0.00	79.04 5.11 -1.55	40.38 2.48 -1.95	32.61 1.92 -0.04	33.77 2.06 -0.02	37.39 2.13 0.00	34.43 1.75 0.00	35.52 1.84 0.00	35.96 1.93 0.54	35.09 2.15 0.33	36.45 2.55 0.31	38.54 2.79 0.44	43.68 3.20 1.15	41.20 2.87 0.96	42.91 2.40 1.38	36.32 2.02 0.73	31.35 1.65 0.00
ASTORIA_GT_7 24107	42.76 2.03 0.00	46.06 1.80 0.00	37.96 1.59 0.00	45.41 1.76 0.00	46.03 1.79 0.00	45.34 2.27 0.00	57.18 3.57 0.00	48.94 3.34 0.00	79.04 5.11 -1.55	40.38 2.48 -1.95	32.61 1.92 -0.04	33.77 2.06 -0.02	37.39 2.13 0.00	34.43 1.75 0.00	35.52 1.84 0.00	35.96 1.93 0.54	35.09 2.15 0.33	36.45 2.55 0.31	38.54 2.79 0.44	43.68 3.20 1.15	41.20 2.87 0.96	42.91 2.40 1.38	36.32 2.02 0.73	31.35 1.65 0.00
ASTORIA_GT_8 24108	42.76 2.03 0.00	46.06 1.80 0.00	37.96 1.59 0.00	45.41 1.76 0.00	46.03 1.79 0.00	45.34 2.27 0.00	57.18 3.57 0.00	48.94 3.34 0.00	79.04 5.11 -1.55	40.38 2.48 -1.95	32.61 1.92 -0.04	33.77 2.06 -0.02	37.39 2.13 0.00	34.43 1.75 0.00	35.52 1.84 0.00	35.96 1.93 0.54	35.09 2.15 0.33	36.45 2.55 0.31	38.54 2.79 0.44	43.68 3.20 1.15	41.20 2.87 0.96	42.91 2.40 1.38	36.32 2.02 0.73	31.35 1.65 0.00
ASTORIA___2 24149	42.71 1.97 0.00	45.97 1.72 0.00	37.89 1.52 0.00	45.35 1.70 0.00	45.97 1.74 0.00	45.27 2.19 0.00	57.08 3.47 0.00	48.85 3.26 0.00	78.87 4.95 -1.55	40.31 2.42 -1.94	32.54 1.86 -0.03	33.70 1.99 -0.01	37.31 2.05 0.00	34.37 1.69 0.00	35.45 1.77 0.00	35.87 1.85 0.54	35.01 2.08 0.33	36.38 2.47 0.31	38.45 2.70 0.44	43.58 3.10 1.15	41.11 2.78 0.96	42.81 2.31 1.38	36.24 1.94 0.73	31.31 1.60 0.00
ASTORIA___3 23516	42.80 2.07 0.00	46.12 1.87 0.00	37.95 1.58 0.00	45.49 1.84 0.00	46.10 1.86 0.00	45.37 2.30 0.00	57.16 3.55 0.00	48.97 3.37 0.00	79.31 5.11 -1.84	40.72 2.46 -2.31	32.56 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.42 1.74 0.00	35.90 1.87 0.54	35.03 2.09 0.33	36.40 2.50 0.31	38.48 2.73 0.44	43.54 3.05 1.15	41.07 2.75 0.96	42.76 2.27 1.38	36.21 1.90 0.73	31.24 1.54 0.00
ASTORIA___4 23517	42.80 2.07 0.00	46.13 1.87 0.00	37.96 1.59 0.00	45.49 1.84 0.00	46.09 1.86 0.00	45.38 2.30 0.00	57.16 3.55 0.00	48.96 3.37 0.00	79.32 5.12 -1.84	40.70 2.45 -2.31	32.55 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.42 1.74 0.00	35.91 1.88 0.54	35.03 2.09 0.33	36.41 2.50 0.31	38.49 2.74 0.44	43.55 3.07 1.15	41.09 2.76 0.96	42.79 2.28 1.38	36.21 1.91 0.73	31.24 1.54 0.00
ASTORIA___5 23518	42.80 2.07 0.00	46.12 1.87 0.00	37.95 1.58 0.00	45.49 1.84 0.00	46.10 1.86 0.00	45.37 2.30 0.00	57.16 3.55 0.00	48.97 3.37 0.00	79.31 5.11 -1.84	40.72 2.46 -2.31	32.56 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.42 1.74 0.00	35.90 1.87 0.54	35.03 2.09 0.33	36.40 2.50 0.31	38.48 2.73 0.44	43.54 3.05 1.15	41.07 2.75 0.96	42.76 2.27 1.38	36.21 1.90 0.73	31.24 1.54 0.00
AST_ENERGY_2_CC3 323677	42.71 1.98 0.00	46.01 1.75 0.00	37.85 1.48 0.00	45.39 1.74 0.00	45.99 1.76 0.00	45.25 2.18 0.00	57.05 3.44 0.00	48.84 3.25 0.00	78.83 4.91 -1.55	40.28 2.38 -1.95	32.50 1.81 -0.03	33.66 1.94 -0.01	37.28 2.02 0.00	34.39 1.71 0.00	35.44 1.76 0.00	35.91 1.88 0.54	35.00 2.06 0.33	36.37 2.47 0.31	38.45 2.70 0.44	43.46 2.98 1.15	40.99 2.66 0.96	42.69 2.19 1.38	36.15 1.84 0.73	31.20 1.50 0.00
AST_ENERGY_2_CC4 323678	42.71 1.98 0.00	46.01 1.75 0.00	37.85 1.48 0.00	45.39 1.74 0.00	45.99 1.76 0.00	45.25 2.18 0.00	57.05 3.44 0.00	48.84 3.25 0.00	78.83 4.91 -1.55	40.28 2.38 -1.95	32.50 1.81 -0.03	33.66 1.94 -0.01	37.28 2.02 0.00	34.39 1.71 0.00	35.44 1.76 0.00	35.91 1.88 0.54	35.00 2.06 0.33	36.37 2.47 0.31	38.45 2.70 0.44	43.46 2.98 1.15	40.99 2.66 0.96	42.69 2.19 1.38	36.15 1.84 0.73	31.20 1.50 0.00

ATHENS_STG_1 23668	41.88 1.14 0.00	45.28 1.02 0.00	37.23 0.86 0.00	44.66 1.01 0.00	45.30 1.06 0.00	44.37 1.30 0.00	55.71 2.10 0.00	47.49 1.89 0.00	75.05 2.68 0.00	37.13 1.18 0.00	31.49 0.84 0.00	32.57 0.87 0.00	36.15 0.89 0.00	33.46 0.77 0.00	34.54 0.86 0.00	35.10 1.03 0.49	34.21 1.25 0.30	35.44 1.50 0.28	37.45 1.66 0.40	42.40 1.81 1.04	40.08 1.67 0.87	42.06 1.43 1.25	35.51 1.13 0.67	30.68 0.98 0.00
ATHENS_STG_2 23670	41.88 1.14 0.00	45.28 1.02 0.00	37.23 0.86 0.00	44.66 1.01 0.00	45.30 1.06 0.00	44.37 1.30 0.00	55.71 2.10 0.00	47.49 1.89 0.00	75.05 2.68 0.00	37.13 1.18 0.00	31.49 0.84 0.00	32.57 0.87 0.00	36.15 0.89 0.00	33.46 0.77 0.00	34.54 0.86 0.00	35.10 1.03 0.49	34.21 1.25 0.30	35.44 1.50 0.28	37.45 1.66 0.40	42.40 1.81 1.04	40.08 1.67 0.87	42.06 1.43 1.25	35.51 1.13 0.67	30.68 0.98 0.00
ATHENS_STG_3 23677	41.88 1.14 0.00	45.28 1.02 0.00	37.23 0.86 0.00	44.66 1.01 0.00	45.30 1.06 0.00	44.37 1.30 0.00	55.71 2.10 0.00	47.49 1.89 0.00	75.05 2.68 0.00	37.13 1.18 0.00	31.49 0.84 0.00	32.57 0.87 0.00	36.15 0.89 0.00	33.46 0.77 0.00	34.54 0.86 0.00	35.10 1.03 0.49	34.21 1.25 0.30	35.44 1.50 0.28	37.45 1.66 0.40	42.40 1.81 1.04	40.08 1.67 0.87	42.06 1.43 1.25	35.51 1.13 0.67	30.68 0.98 0.00
AUBURN___LFGE 323710	39.92 -0.79 0.02	43.41 -0.84 0.00	35.65 -0.72 0.00	42.81 -0.84 0.00	43.41 -0.82 0.00	42.54 -0.53 0.00	55.62 -0.56 -2.56	45.34 -0.25 0.00	71.57 -0.79 0.00	35.29 -0.60 0.07	30.03 -0.63 0.00	30.99 -0.71 0.00	34.40 -0.86 0.00	31.95 -0.74 0.00	32.79 -0.89 0.00	28.79 -0.85 4.92	29.71 -0.54 3.02	30.97 -0.38 2.86	31.75 -0.40 4.05	30.54 -0.60 10.50	30.05 -0.45 8.79	28.52 -0.77 12.58	27.60 -0.74 6.70	29.16 -0.54 0.00
BABYLON_RES_REC 323704	45.79 2.96 -2.10	48.09 2.83 -1.00	50.39 2.38 -11.64	46.43 2.78 0.00	47.04 2.81 0.00	46.27 3.20 0.00	58.10 4.49 0.00	49.72 4.13 0.00	78.29 5.88 -0.05	38.79 2.78 -0.06	32.74 2.09 0.00	33.93 2.23 0.00	37.58 2.32 0.00	34.74 2.06 0.00	38.27 2.37 -2.22	36.69 2.54 0.42	35.75 2.82 0.33	40.06 3.37 -2.47	39.47 3.72 0.44	45.21 4.11 0.54	42.06 3.73 0.96	43.82 3.32 1.38	37.06 2.76 0.73	37.04 2.34 -4.99
BABYLON___69_KV_BK2 356345	46.28 3.45 -2.10	48.61 3.35 -1.00	50.82 2.80 -11.64	46.94 3.29 0.00	47.56 3.33 0.00	46.79 3.72 0.00	58.77 5.16 0.00	50.29 4.69 0.00	79.16 6.75 -0.05	39.17 3.16 -0.06	33.07 2.41 0.00	34.27 2.57 0.00	37.97 2.71 0.00	35.08 2.40 0.00	38.65 2.75 -2.22	37.12 2.97 0.42	36.19 3.25 0.33	40.54 3.85 -2.47	40.01 4.26 0.44	45.85 4.75 0.54	42.63 4.31 0.96	44.40 3.90 1.38	37.51 3.21 0.73	37.40 2.71 -4.99
BALL_HILL_WT_PWR 323825	37.54 -3.14 0.05	41.22 -3.04 0.00	33.79 -2.58 0.00	40.68 -2.97 0.00	41.04 -3.20 0.00	40.25 -2.82 0.00	48.39 -4.45 0.78	42.28 -3.32 0.00	66.45 -5.91 0.01	32.65 -3.15 0.15	28.21 -2.44 0.00	29.18 -2.52 0.00	32.54 -2.72 0.00	30.23 -2.45 0.00	30.86 -2.82 0.00	26.86 -2.96 4.75	28.01 -2.34 2.91	29.05 -2.41 2.76	29.74 -2.55 3.90	28.42 -3.09 10.13	28.01 -2.80 8.47	26.40 -3.35 12.13	25.91 -2.66 6.46	27.74 -1.96 0.00
BARON_WINDS___WT_PWR 323822	39.98 -0.73 0.03	43.56 -0.70 0.00	35.72 -0.65 0.00	42.94 -0.71 0.00	43.34 -0.90 0.00	42.51 -0.56 0.00	55.33 -0.25 -1.97	45.75 0.15 0.00	71.58 -0.79 0.00	35.46 -0.40 0.09	30.24 -0.41 0.00	31.18 -0.52 0.00	34.56 -0.70 0.00	32.03 -0.66 0.00	32.76 -0.92 0.00	29.76 -0.85 3.96	30.59 -0.25 2.43	31.93 0.01 2.30	32.92 -0.02 3.25	33.16 -0.03 8.45	32.17 -0.05 7.07	31.29 -0.47 10.12	28.99 -0.66 5.39	29.06 -0.65 0.00
BARRETT_IC_1 23704	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_10 23701	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_11 23702	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_12 23703	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_2 23705	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_3 23706	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_4 23707	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99

BARRETT_IC_5 23708	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_6 23709	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_7 23710	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.15 3.54 0.00	48.91 3.31 0.00	77.01 4.60 -0.05	38.36 2.35 -0.06	32.49 1.83 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.96 2.06 -2.22	36.34 2.20 0.42	35.29 2.35 0.33	39.44 2.75 -2.47	38.76 3.01 0.44	44.43 3.33 0.54	41.39 3.06 0.96	43.19 2.69 1.38	36.54 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_8 23711	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT_IC_9 23700	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT___1 23545	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BARRETT___2 23546	45.24 2.41 -2.10	47.61 2.35 -1.00	49.97 1.96 -11.64	45.95 2.31 0.00	46.50 2.26 0.00	45.64 2.57 0.00	57.14 3.54 0.00	48.91 3.31 0.00	77.05 4.63 -0.05	38.37 2.36 -0.06	32.49 1.84 0.00	33.71 2.01 0.00	37.40 2.14 0.00	34.56 1.87 0.00	37.95 2.05 -2.22	36.33 2.18 0.42	35.28 2.35 0.33	39.43 2.74 -2.47	38.75 3.00 0.44	44.41 3.31 0.54	41.37 3.04 0.96	43.17 2.67 1.38	36.53 2.23 0.73	36.59 1.89 -4.99
BATAVIA___115KV_TB1 55881	37.97 -2.72 0.05	41.59 -2.66 0.00	34.14 -2.24 0.00	41.06 -2.59 0.00	41.49 -2.74 0.00	40.77 -2.31 0.00	48.40 -3.94 1.27	42.83 -2.77 0.00	67.52 -4.84 0.01	33.14 -2.66 0.16	28.51 -2.14 0.00	29.26 -2.44 0.00	32.63 -2.63 0.00	30.28 -2.40 0.00	31.17 -2.51 0.00	27.04 -2.60 4.92	28.15 -2.10 3.02	29.33 -2.02 2.86	30.12 -2.04 4.04	28.63 -2.51 10.49	28.17 -2.34 8.78	26.46 -2.85 12.57	26.10 -2.24 6.70	28.12 -1.58 0.00
BAYONEEC___CTG1 323682	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00
BAYONEEC___CTG10 323750	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00
BAYONEEC___CTG2 323683	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00
BAYONEEC___CTG3 323684	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00
BAYONEEC___CTG4 323685	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00
BAYONEEC___CTG5 323686	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00
BAYONEEC___CTG6 323687	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00

BAYONEEC___CTG7 323688	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00
BAYONEEC___CTG8 323689	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00
BAYONEEC___CTG9 323749	42.68 1.95 0.00	46.00 1.75 0.00	37.84 1.47 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.24 2.17 0.00	57.01 3.41 0.00	48.80 3.20 0.00	78.77 4.85 -1.55	40.25 2.35 -1.95	32.48 1.80 -0.03	33.65 1.94 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.93 1.91 0.54	35.05 2.11 0.33	36.41 2.51 0.31	38.48 2.73 0.44	43.50 3.02 1.15	41.04 2.71 0.96	42.73 2.23 1.38	36.19 1.88 0.73	31.23 1.52 0.00
BEACON___LESR 323632	41.82 1.09 0.00	45.26 1.00 0.00	37.18 0.81 0.00	44.57 0.92 0.00	45.30 1.07 0.00	44.30 1.23 0.00	55.89 2.28 0.00	47.54 1.94 0.00	75.00 2.63 0.00	37.00 1.05 0.00	31.21 0.56 0.00	32.28 0.58 0.00	35.86 0.60 0.00	33.18 0.50 0.00	34.33 0.65 0.00	35.10 0.93 0.39	34.31 1.28 0.24	35.54 1.55 0.23	37.54 1.67 0.32	42.63 1.84 0.85	40.28 1.70 0.71	42.30 1.43 1.01	35.53 1.03 0.54	30.66 0.96 0.00
BEAVER RIVER___HYD 24048	41.27 0.54 0.00	44.89 0.64 0.00	36.87 0.50 0.00	44.26 0.62 0.00	44.91 0.68 0.00	43.79 0.72 0.00	54.61 1.01 0.00	46.51 0.92 0.00	73.65 1.28 0.00	36.31 0.37 0.02	30.95 0.29 0.00	31.96 0.27 0.00	35.53 0.27 0.00	33.05 0.36 0.00	34.14 0.46 0.00	32.88 0.48 2.17	32.47 0.53 1.33	33.60 0.64 1.26	35.06 0.64 1.78	37.72 0.71 4.63	36.01 0.59 3.87	36.92 0.58 5.54	32.45 0.36 2.95	30.01 0.31 0.00
BEEBEE_GT_13 23619	38.21 -2.47 0.05	41.77 -2.49 0.00	34.27 -2.10 0.00	41.20 -2.45 0.00	41.68 -2.55 0.00	40.85 -2.22 0.00	48.59 -3.41 1.60	43.12 -2.47 0.00	68.08 -4.28 0.01	33.53 -2.26 0.17	28.78 -1.87 0.00	29.71 -1.99 0.00	33.09 -2.17 0.00	30.70 -1.98 0.00	31.55 -2.13 0.00	27.32 -2.22 5.03	28.37 -1.81 3.09	29.49 -1.80 2.93	30.21 -1.85 4.13	28.65 -2.25 10.73	28.21 -2.10 8.98	26.53 -2.49 12.85	26.17 -2.02 6.85	28.15 -1.55 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.21 2.48 0.00	46.58 2.32 0.00	38.32 1.95 0.00	45.92 2.27 0.00	46.50 2.27 0.00	45.80 2.72 0.00	57.59 3.98 0.00	49.35 3.76 0.00	79.97 5.76 -1.84	41.07 2.81 -2.31	32.87 2.18 -0.04	34.04 2.33 -0.01	37.68 2.42 0.00	34.71 2.03 0.00	35.75 2.08 0.00	36.25 2.22 0.54	35.40 2.46 0.33	36.79 2.88 0.31	38.90 3.15 0.44	44.07 3.59 1.15	41.56 3.24 0.96	43.26 2.76 1.38	36.64 2.33 0.73	31.57 1.87 0.00
BETHLEHEM___GRP 23843	41.04 0.31 0.00	44.36 0.11 0.00	36.53 0.15 0.00	43.74 0.09 0.00	44.39 0.15 0.00	43.43 0.36 0.00	54.62 1.01 0.00	46.44 0.85 0.00	73.38 1.01 0.00	36.30 0.35 0.00	30.73 0.08 0.00	31.75 0.05 0.00	35.22 -0.05 0.00	32.66 -0.02 0.00	33.77 0.09 0.00	34.50 0.33 0.39	33.66 0.63 0.24	34.83 0.84 0.23	36.72 0.85 0.32	41.65 0.86 0.84	39.38 0.80 0.70	41.43 0.56 1.01	34.86 0.36 0.54	30.12 0.42 0.00
BETHLEHEM___GS1 323560	41.04 0.31 0.00	44.36 0.10 0.00	36.53 0.15 0.00	43.74 0.09 0.00	44.40 0.16 0.00	43.43 0.36 0.00	54.63 1.02 0.00	46.44 0.85 0.00	73.38 1.01 0.00	36.30 0.34 0.00	30.74 0.09 0.00	31.75 0.05 0.00	35.22 -0.05 0.00	32.66 -0.02 0.00	33.77 0.09 0.00	34.50 0.33 0.39	33.65 0.63 0.24	34.82 0.83 0.23	36.71 0.85 0.32	41.65 0.86 0.84	39.38 0.80 0.70	41.42 0.55 1.01	34.85 0.35 0.54	30.12 0.42 0.00
BETHLEHEM___GS2 323561	41.04 0.31 0.00	44.36 0.10 0.00	36.53 0.15 0.00	43.74 0.09 0.00	44.40 0.16 0.00	43.43 0.36 0.00	54.63 1.02 0.00	46.44 0.85 0.00	73.38 1.01 0.00	36.30 0.34 0.00	30.74 0.09 0.00	31.75 0.05 0.00	35.22 -0.05 0.00	32.66 -0.02 0.00	33.77 0.09 0.00	34.50 0.33 0.39	33.65 0.63 0.24	34.82 0.83 0.23	36.71 0.85 0.32	41.65 0.86 0.84	39.38 0.80 0.70	41.42 0.55 1.01	34.85 0.35 0.54	30.12 0.42 0.00
BETHLEHEM___GS3 323562	41.04 0.31 0.00	44.36 0.10 0.00	36.53 0.15 0.00	43.74 0.09 0.00	44.40 0.16 0.00	43.43 0.36 0.00	54.63 1.02 0.00	46.44 0.85 0.00	73.38 1.01 0.00	36.30 0.34 0.00	30.74 0.09 0.00	31.75 0.05 0.00	35.22 -0.05 0.00	32.66 -0.02 0.00	33.77 0.09 0.00	34.50 0.33 0.39	33.65 0.63 0.24	34.82 0.83 0.23	36.71 0.85 0.32	41.65 0.86 0.84	39.38 0.80 0.70	41.42 0.55 1.01	34.85 0.35 0.54	30.12 0.42 0.00
BETHLEHEM___STEEL 23779	37.32 -3.36 0.05	40.97 -3.29 0.00	33.59 -2.78 0.00	40.43 -3.22 0.00	40.80 -3.44 0.00	40.00 -3.07 0.00	47.73 -5.01 0.87	41.84 -3.75 0.00	65.93 -6.42 0.01	32.43 -3.36 0.16	28.03 -2.62 0.00	28.95 -2.75 0.00	32.31 -2.95 0.00	30.04 -2.64 0.00	30.70 -2.98 0.00	26.62 -3.16 4.79	27.77 -2.56 2.94	28.77 -2.66 2.79	29.49 -2.77 3.93	28.06 -3.36 10.21	27.64 -3.10 8.54	26.02 -3.62 12.23	25.69 -2.83 6.52	27.70 -2.00 0.00
BETHLHEM_115KV_TB1 79974	41.09 0.35 0.00	44.40 0.15 0.00	36.57 0.19 0.00	43.78 0.13 0.00	44.44 0.21 0.00	43.48 0.41 0.00	54.69 1.08 0.00	46.49 0.90 0.00	73.48 1.11 0.00	36.33 0.38 0.00	30.76 0.11 0.00	31.77 0.08 0.00	35.24 -0.01 0.00	32.68 0.00 0.00	33.80 0.12 0.00	34.53 0.37 0.39	33.69 0.67 0.24	34.87 0.88 0.23	36.76 0.89 0.32	41.69 0.90 0.84	39.44 0.85 0.70	41.49 0.62 1.01	34.90 0.40 0.54	30.15 0.45 0.00
BETHPAGE_CC_5 323564	45.56 2.73 -2.10	47.85 2.59 -1.00	50.18 2.17 -11.64	46.20 2.55 0.00	46.80 2.56 0.00	45.96 2.89 0.00	57.66 4.05 0.00	49.33 3.74 0.00	77.80 5.38 -0.05	38.60 2.59 -0.06	32.59 1.94 0.00	33.82 2.12 0.00	37.48 2.22 0.00	34.64 1.96 0.00	38.11 2.21 -2.22	36.50 2.36 0.42	35.51 2.57 0.33	39.72 3.03 -2.47	39.10 3.34 0.44	44.81 3.71 0.54	41.71 3.39 0.96	43.47 2.97 1.38	36.83 2.52 0.73	36.92 2.23 -4.99
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.50 -3.19 0.05	41.16 -3.10 0.00	33.75 -2.63 0.00	40.60 -3.04 0.00	40.99 -3.25 0.00	40.19 -2.88 0.00	48.04 -4.74 0.82	42.10 -3.50 0.00	66.34 -6.02 0.01	32.62 -3.18 0.15	28.18 -2.47 0.00	29.10 -2.60 0.00	32.48 -2.78 0.00	30.19 -2.49 0.00	30.85 -2.83 0.00	26.78 -3.02 4.77	27.93 -2.41 2.93	28.95 -2.50 2.77	29.67 -2.60 3.92	28.29 -3.18 10.17	27.85 -2.93 8.51	26.25 -3.44 12.19	25.87 -2.68 6.49	27.81 -1.89 0.00

BINGHAMTON___COGEN 23790	40.30 -0.42 0.02	43.82 -0.44 0.00	35.96 -0.41 0.00	43.24 -0.40 0.00	43.81 -0.42 0.00	42.91 -0.16 0.00	54.61 0.06 -0.95	45.84 0.25 0.00	72.20 -0.16 0.00	35.64 -0.26 0.06	30.34 -0.31 0.00	31.36 -0.34 0.00	34.83 -0.43 0.00	32.29 -0.39 0.00	33.15 -0.52 0.00	30.86 -0.50 3.20	31.14 -0.17 1.97	32.35 -0.01 1.86	33.56 0.00 2.63	34.77 -0.04 6.83	33.54 -0.04 5.72	33.43 -0.27 8.18	30.39 -0.29 4.36	29.47 -0.23 0.00
BIXINCNT_115KV_LOAD 355685	38.59 -2.10 0.05	42.25 -2.00 0.00	34.65 -1.72 0.00	41.69 -1.96 0.00	42.10 -2.14 0.00	41.22 -1.85 0.00	49.77 -3.28 0.55	43.50 -2.10 0.00	68.44 -3.92 0.01	33.56 -2.25 0.15	28.98 -1.67 0.00	29.99 -1.71 0.00	33.40 -1.86 0.00	30.99 -1.70 0.00	31.61 -2.07 0.00	27.58 -2.31 4.68	28.75 -1.64 2.87	29.76 -1.74 2.72	30.60 -1.75 3.84	29.41 -2.25 9.97	28.93 -2.02 8.35	27.43 -2.50 11.95	26.77 -1.91 6.36	28.34 -1.36 0.00
BLACK RIVER___HYD 24047	41.06 0.33 0.00	44.62 0.36 0.00	36.64 0.27 0.00	43.97 0.33 0.00	44.62 0.38 0.00	43.60 0.53 0.00	54.56 0.95 0.00	46.53 0.94 0.00	73.50 1.14 0.00	36.21 0.26 0.00	30.82 0.16 0.00	31.81 0.11 0.00	35.22 -0.04 0.00	32.78 0.10 0.00	33.88 0.20 0.00	31.64 0.28 3.21	31.77 0.47 1.97	33.00 0.65 1.87	34.21 0.66 2.64	35.50 0.71 6.84	34.14 0.57 5.73	34.17 0.49 8.20	30.92 0.25 4.37	29.88 0.18 0.00
BLACKRVR_115KV_TB2 79977	41.07 0.33 0.00	44.61 0.36 0.00	36.64 0.27 0.00	43.97 0.32 0.00	44.62 0.38 0.00	43.60 0.53 0.00	54.56 0.95 0.00	46.53 0.93 0.00	73.50 1.14 0.00	36.21 0.26 0.00	30.82 0.16 0.00	31.81 0.11 0.00	35.22 -0.04 0.00	32.78 0.10 0.00	33.87 0.19 0.00	31.64 0.28 3.21	31.76 0.46 1.97	33.00 0.64 1.87	34.21 0.65 2.64	35.50 0.71 6.84	34.13 0.56 5.73	34.17 0.49 8.20	30.92 0.24 4.37	29.88 0.18 0.00
BLISS_WT_PWR 323608	38.64 -2.05 0.05	42.31 -1.94 0.00	34.71 -1.67 0.00	41.72 -1.93 0.00	42.11 -2.12 0.00	41.25 -1.82 0.00	49.80 -3.25 0.55	43.57 -2.02 0.00	68.58 -3.78 0.01	33.60 -2.21 0.15	29.03 -1.62 0.00	30.04 -1.66 0.00	33.46 -1.80 0.00	31.02 -1.66 0.00	31.66 -2.01 0.00	27.69 -2.20 4.68	28.81 -1.59 2.87	29.85 -1.65 2.72	30.67 -1.69 3.84	29.49 -2.17 9.97	29.05 -1.89 8.35	27.55 -2.38 11.95	26.84 -1.83 6.36	28.34 -1.36 0.00
BLUESTONE___WT_PWR 323821	42.17 1.45 0.01	46.33 2.08 0.00	37.76 1.39 0.00	45.71 2.06 0.00	46.65 2.41 0.00	45.86 2.79 0.00	58.59 4.09 -0.90	49.31 3.71 0.00	77.46 5.10 0.00	38.01 2.10 0.05	32.17 1.52 0.00	33.17 1.47 0.00	36.79 1.53 0.00	34.14 1.46 0.00	35.11 1.43 0.00	33.47 1.66 2.76	33.56 1.98 1.70	35.05 2.43 1.61	36.53 2.61 2.27	38.71 2.97 5.89	37.07 2.72 4.93	37.38 2.56 7.06	33.27 1.99 3.76	31.33 1.63 0.00
BLUE_CIRC_CHEM_DRP 24182	41.73 1.00 0.00	45.19 0.93 0.00	37.15 0.78 0.00	44.52 0.87 0.00	45.19 0.95 0.00	44.20 1.13 0.00	55.45 1.84 0.00	47.10 1.50 0.00	74.24 1.87 0.00	36.58 0.63 0.00	31.04 0.39 0.00	32.04 0.34 0.00	35.62 0.36 0.00	33.02 0.33 0.00	34.11 0.43 0.00	34.86 0.70 0.40	34.09 1.07 0.25	35.25 1.27 0.23	37.20 1.34 0.33	42.24 1.47 0.86	39.94 1.37 0.72	42.06 1.21 1.04	35.41 0.92 0.55	30.56 0.86 0.00
BOC_GAS_DRP 24189	41.48 0.75 0.00	44.90 0.64 0.00	36.93 0.56 0.00	44.27 0.62 0.00	44.91 0.67 0.00	43.92 0.85 0.00	55.09 1.48 0.00	46.87 1.28 0.00	74.12 1.75 0.00	36.68 0.72 0.00	31.11 0.46 0.00	32.16 0.46 0.00	35.71 0.45 0.00	33.08 0.40 0.00	34.17 0.49 0.00	34.83 0.66 0.39	33.91 0.88 0.24	35.05 1.06 0.23	37.02 1.16 0.32	42.04 1.25 0.84	39.76 1.17 0.70	41.84 0.97 1.01	35.25 0.75 0.54	30.38 0.68 0.00
BOONVILLE_115KV_TB1 79983	41.69 0.97 0.01	45.27 1.02 0.00	37.18 0.81 0.00	44.65 1.00 0.00	45.31 1.08 0.00	44.32 1.24 0.00	55.40 1.80 0.01	47.22 1.63 0.00	74.68 2.31 0.00	36.85 0.92 0.02	31.34 0.69 0.00	32.36 0.66 0.00	35.96 0.70 0.00	33.36 0.67 0.00	34.46 0.78 0.00	33.83 0.89 1.62	33.30 1.02 0.99	34.47 1.19 0.94	36.11 1.24 1.33	39.57 1.38 3.45	37.64 1.24 2.88	38.93 1.18 4.13	33.70 0.87 2.20	30.41 0.71 0.00
BORALEX_4TH_BRANCH 23824	42.95 2.22 0.00	46.46 2.20 0.00	38.22 1.84 0.00	45.79 2.14 0.00	46.53 2.29 0.00	45.31 2.24 0.00	56.94 3.34 0.00	48.41 2.81 0.00	76.43 4.06 0.00	37.57 1.61 0.00	31.77 1.12 0.00	32.78 1.08 0.00	36.45 1.19 0.00	33.86 1.18 0.00	35.12 1.44 0.00	35.94 1.77 0.39	34.98 1.96 0.24	36.14 2.16 0.23	38.23 2.36 0.32	43.35 2.57 0.85	41.20 2.62 0.70	43.33 2.46 1.01	36.43 1.93 0.54	31.51 1.80 0.00
BOWLINE___1 23526	42.33 1.61 0.00	45.64 1.39 0.00	37.52 1.15 0.00	45.06 1.42 0.00	45.70 1.46 0.00	44.87 1.80 0.00	56.52 2.91 0.00	48.38 2.78 0.00	76.33 3.97 0.00	37.68 1.73 0.00	31.90 1.25 0.00	33.10 1.40 0.00	36.70 1.44 0.00	33.90 1.21 0.00	34.94 1.26 0.00	35.43 1.42 0.55	34.60 1.68 0.34	36.03 2.13 0.32	38.12 2.38 0.46	43.01 2.57 1.18	40.64 2.34 0.99	42.44 1.98 1.42	35.93 1.64 0.75	31.06 1.36 0.00
BOWLINE___2 23595	42.33 1.61 0.00	45.64 1.39 0.00	37.52 1.15 0.00	45.06 1.42 0.00	45.70 1.46 0.00	44.87 1.80 0.00	56.52 2.91 0.00	48.38 2.78 0.00	76.33 3.97 0.00	37.68 1.73 0.00	31.90 1.25 0.00	33.10 1.41 0.00	36.70 1.44 0.00	33.90 1.21 0.00	34.94 1.26 0.00	35.43 1.43 0.55	34.60 1.68 0.34	36.03 2.13 0.32	38.12 2.38 0.46	43.01 2.57 1.18	40.64 2.34 0.99	42.45 1.99 1.42	35.93 1.64 0.75	31.06 1.36 0.00
BRADY___115KV_TB2 356060	42.05 1.32 0.00	46.01 1.76 0.00	37.80 1.43 0.00	45.38 1.73 0.00	45.93 1.69 0.00	44.29 1.22 0.00	54.41 0.80 0.00	46.10 0.51 0.00	73.75 1.38 0.00	36.82 0.86 0.00	31.53 0.88 0.00	32.60 0.90 0.00	36.53 1.27 0.00	34.05 1.37 0.00	35.10 1.42 0.00	35.11 1.06 0.52	33.50 0.55 0.32	34.26 0.34 0.30	36.05 0.28 0.43	40.94 0.42 1.11	38.77 0.41 0.93	41.34 0.79 1.33	35.02 0.69 0.71	30.32 0.62 0.00
BRANSCOMB___SOLAR 323811	42.01 1.27 0.00	45.51 1.25 0.00	37.43 1.06 0.00	44.88 1.23 0.00	45.60 1.37 0.00	44.66 1.59 0.00	56.17 2.56 0.00	47.85 2.25 0.00	75.36 2.99 0.00	36.95 1.00 0.00	31.27 0.62 0.00	32.25 0.55 0.00	35.87 0.61 0.00	33.26 0.58 0.00	34.47 0.79 0.00	35.40 1.22 0.38	34.64 1.61 0.24	35.77 1.78 0.22	37.81 1.93 0.31	42.90 2.08 0.82	40.50 1.89 0.68	42.58 1.68 0.98	35.76 1.25 0.52	30.83 1.13 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	46.18 3.35 -2.10	48.49 3.23 -1.00	50.73 2.72 -11.64	46.85 3.20 0.00	47.45 3.22 0.00	46.66 3.59 0.00	58.55 4.94 0.00	50.06 4.46 0.00	78.90 6.49 -0.05	39.08 3.07 -0.06	32.99 2.34 0.00	34.21 2.51 0.00	37.90 2.64 0.00	35.02 2.33 0.00	38.59 2.68 -2.22	37.03 2.88 0.42	36.09 3.15 0.33	40.40 3.71 -2.47	39.86 4.11 0.44	45.68 4.58 0.54	42.49 4.16 0.96	44.22 3.72 1.38	37.39 3.08 0.73	37.31 2.61 -4.99

BRISTLHL_115KV_TB1 79998	39.09 -1.65 -0.01	42.43 -1.82 0.00	34.87 -1.51 0.00	41.82 -1.83 0.00	42.35 -1.88 0.00	41.29 -1.78 0.00	52.05 -1.98 -0.42	44.09 -1.50 0.00	69.53 -2.84 0.00	34.36 -1.61 -0.02	29.36 -1.29 0.00	30.36 -1.34 0.00	33.71 -1.55 0.00	31.22 -1.46 0.00	32.09 -1.59 0.00	27.50 -1.68 5.38	28.49 -1.47 3.31	29.68 -1.40 3.13	30.29 -1.48 4.42	28.42 -1.73 11.49	28.02 -1.66 9.61	26.28 -1.85 13.76	26.13 -1.58 7.33	28.42 -1.28 0.00
BROOKHAVEN___DRP 24191	46.14 3.31 -2.10	48.45 3.19 -1.00	50.70 2.69 -11.64	46.80 3.15 0.00	47.44 3.20 0.00	46.71 3.64 0.00	58.65 5.04 0.00	50.14 4.55 0.00	78.78 6.37 -0.05	38.92 2.91 -0.06	32.86 2.21 0.00	34.05 2.35 0.00	37.69 2.43 0.00	34.83 2.14 0.00	38.41 2.51 -2.22	36.98 2.83 0.42	36.03 3.09 0.33	40.38 3.70 -2.47	39.85 4.10 0.44	45.66 4.57 0.54	42.48 4.15 0.96	44.26 3.76 1.38	37.43 3.12 0.73	37.33 2.63 -4.99
BROOKLYN_NAVY_YARD 23515	42.68 1.95 0.00	45.99 1.74 0.00	37.83 1.46 0.00	45.37 1.72 0.00	45.97 1.73 0.00	45.25 2.18 0.00	57.11 3.50 0.00	48.89 3.30 0.00	78.90 4.98 -1.55	40.28 2.39 -1.95	32.49 1.80 -0.03	33.64 1.93 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.45 1.77 0.00	35.94 1.91 0.54	35.06 2.13 0.33	36.43 2.53 0.31	38.52 2.77 0.44	43.55 3.07 1.15	41.08 2.75 0.96	42.78 2.28 1.38	36.21 1.91 0.73	31.24 1.54 0.00
BROOKLYN___ARMY_DRP 323595	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
BROOKVLE_69_KV_TB1 55790	45.74 2.90 -2.10	48.08 2.82 -1.00	50.34 2.32 -11.64	46.41 2.76 0.00	47.01 2.77 0.00	46.19 3.12 0.00	57.83 4.22 0.00	49.53 3.94 0.00	78.09 5.68 -0.05	38.87 2.86 -0.06	32.86 2.21 0.00	34.09 2.39 0.00	37.79 2.53 0.00	34.92 2.24 0.00	38.36 2.46 -2.22	36.77 2.63 0.42	35.65 2.71 0.33	39.88 3.19 -2.47	39.25 3.50 0.44	44.97 3.88 0.54	41.88 3.55 0.96	43.64 3.14 1.38	37.04 2.73 0.73	37.02 2.33 -4.99
BROOME_2_LFGE 323671	40.30 -0.42 0.02	43.82 -0.43 0.00	35.97 -0.41 0.00	43.24 -0.40 0.00	43.81 -0.42 0.00	42.91 -0.16 0.00	54.62 0.06 -0.95	45.83 0.24 0.00	72.21 -0.16 0.00	35.63 -0.26 0.06	30.35 -0.30 0.00	31.36 -0.34 0.00	34.83 -0.43 0.00	32.29 -0.39 0.00	33.16 -0.52 0.00	30.86 -0.50 3.20	31.14 -0.16 1.97	32.35 0.00 1.86	33.56 -0.01 2.63	34.77 -0.03 6.83	33.54 -0.04 5.72	33.42 -0.28 8.18	30.39 -0.29 4.36	29.47 -0.23 0.00
BROOME___LFGE 323600	40.30 -0.42 0.02	43.82 -0.43 0.00	35.97 -0.41 0.00	43.24 -0.40 0.00	43.81 -0.42 0.00	42.91 -0.16 0.00	54.62 0.06 -0.95	45.83 0.24 0.00	72.21 -0.16 0.00	35.63 -0.26 0.06	30.35 -0.30 0.00	31.36 -0.34 0.00	34.83 -0.43 0.00	32.29 -0.39 0.00	33.16 -0.52 0.00	30.86 -0.50 3.20	31.14 -0.16 1.97	32.35 0.00 1.86	33.56 -0.01 2.63	34.77 -0.03 6.83	33.54 -0.04 5.72	33.42 -0.28 8.18	30.39 -0.29 4.36	29.47 -0.23 0.00
BROWNFLS_115KV_TB_3_5 80003	41.23 0.49 0.00	44.95 0.70 0.00	36.93 0.56 0.00	44.33 0.68 0.00	44.92 0.68 0.00	43.55 0.47 0.00	53.88 0.27 0.00	45.79 0.20 0.00	72.84 0.47 0.00	36.12 0.17 0.00	30.85 0.20 0.00	31.88 0.18 0.00	35.59 0.34 0.00	33.11 0.43 0.00	34.18 0.51 0.00	33.39 0.34 1.51	32.48 0.14 0.93	33.44 0.10 0.88	35.00 0.05 1.24	38.48 0.08 3.23	36.61 0.03 2.70	38.17 0.16 3.87	33.06 0.08 2.06	29.86 0.16 0.00
BROWNSV1_27_KV_LOAD 356125	43.13 2.39 0.00	46.48 2.22 0.00	38.22 1.85 0.00	45.82 2.18 0.00	46.43 2.19 0.00	45.72 2.65 0.00	57.64 4.03 0.00	49.38 3.79 0.00	79.69 5.77 -1.55	40.67 2.77 -1.95	32.83 2.15 -0.03	34.01 2.30 -0.01	37.66 2.40 0.00	34.77 2.08 0.00	35.82 2.14 0.00	36.32 2.30 0.54	35.43 2.50 0.33	36.83 2.93 0.31	38.93 3.18 0.44	44.02 3.54 1.15	41.53 3.20 0.96	43.26 2.76 1.38	36.60 2.29 0.73	31.56 1.86 0.00
BURROWS___LYONSDAL 23803	41.62 0.89 0.01	45.21 0.96 0.00	37.14 0.77 0.00	44.59 0.94 0.00	45.25 1.02 0.00	44.23 1.16 0.00	55.29 1.69 0.01	47.11 1.51 0.00	74.52 2.15 0.00	36.75 0.82 0.02	31.27 0.62 0.00	32.29 0.59 0.00	35.89 0.63 0.00	33.31 0.62 0.00	34.42 0.74 0.00	33.65 0.82 1.72	33.15 0.94 1.06	34.32 1.10 1.00	35.93 1.15 1.42	39.23 1.28 3.68	37.34 1.13 4.41	38.56 1.08 4.41	33.48 0.79 2.35	30.34 0.64 0.00
CAITHNESS_CC_1 323624	46.02 3.19 -2.10	48.32 3.06 -1.00	50.60 2.58 -11.64	46.67 3.02 0.00	47.31 3.07 0.00	46.56 3.48 0.00	58.46 4.85 0.00	49.99 4.39 0.00	78.57 6.15 -0.05	38.85 2.84 -0.06	32.80 2.14 0.00	33.99 2.29 0.00	37.63 2.37 0.00	34.78 2.10 0.00	38.35 2.45 -2.22	36.87 2.72 0.42	35.92 2.99 0.33	40.26 3.57 -2.47	39.70 3.95 0.44	45.50 4.41 0.54	42.32 3.99 0.96	44.09 3.59 1.38	37.30 3.00 0.73	37.22 2.53 -4.99
CALPINE BETH_PAGE_GT4 24209	45.55 2.73 -2.10	47.85 2.60 -1.00	50.18 2.17 -11.64	46.20 2.55 0.00	46.80 2.57 0.00	45.98 2.91 0.00	57.69 4.08 0.00	49.38 3.79 0.00	77.84 5.42 -0.05	38.58 2.57 -0.06	32.57 1.91 0.00	33.79 2.09 0.00	37.44 2.18 0.00	34.61 1.92 0.00	38.07 2.17 -2.22	36.49 2.35 0.42	35.49 2.55 0.33	39.72 3.03 -2.47	39.09 3.34 0.44	44.81 3.71 0.54	41.70 3.37 0.96	43.45 2.95 1.38	36.79 2.49 0.73	36.84 2.15 -4.99
CALPINE_BETH_PAGE_GT_4 323586	45.55 2.72 -2.10	47.85 2.60 -1.00	50.18 2.17 -11.64	46.20 2.55 0.00	46.80 2.57 0.00	45.99 2.92 0.00	57.68 4.08 0.00	49.38 3.79 0.00	77.84 5.42 -0.05	38.59 2.58 -0.06	32.57 1.92 0.00	33.79 2.09 0.00	37.44 2.18 0.00	34.61 1.93 0.00	38.07 2.17 -2.22	36.47 2.33 0.42	35.49 2.55 0.33	39.71 3.03 -2.47	39.09 3.34 0.44	44.79 3.70 0.54	41.70 3.37 0.96	43.44 2.94 1.38	36.78 2.48 0.73	36.85 2.15 -4.99
CALPINE_BP_GT1 23823	45.55 2.72 -2.10	47.85 2.60 -1.00	50.18 2.17 -11.64	46.20 2.55 0.00	46.80 2.57 0.00	45.99 2.92 0.00	57.68 4.08 0.00	49.38 3.79 0.00	77.84 5.42 -0.05	38.59 2.58 -0.06	32.57 1.92 0.00	33.79 2.09 0.00	37.44 2.18 0.00	34.61 1.93 0.00	38.07 2.17 -2.22	36.47 2.33 0.42	35.49 2.55 0.33	39.71 3.03 -2.47	39.09 3.34 0.44	44.79 3.70 0.54	41.70 3.37 0.96	43.44 2.94 1.38	36.78 2.48 0.73	36.85 2.15 -4.99
CALSPAN___DRP 24200	37.32 -3.36 0.05	40.97 -3.29 0.00	33.59 -2.78 0.00	40.43 -3.22 0.00	40.80 -3.44 0.00	40.00 -3.07 0.00	47.73 -5.01 0.87	41.84 -3.75 0.00	65.93 -6.42 0.01	32.43 -3.36 0.16	28.03 -2.62 0.00	28.95 -2.75 0.00	32.31 -2.95 0.00	30.04 -2.64 0.00	30.70 -2.98 0.00	26.62 -3.16 4.79	27.77 -2.56 2.94	28.77 -2.66 2.79	29.49 -2.77 3.93	28.06 -3.36 10.21	27.64 -3.10 8.54	26.02 -3.62 12.23	25.69 -2.83 6.52	27.70 -2.00 0.00

CALVERTON___SOLAR 323806	46.27 3.44 -2.10	48.58 3.32 -1.00	50.81 2.80 -11.64	46.93 3.28 0.00	47.61 3.37 0.00	46.87 3.80 0.00	58.87 5.26 0.00	50.33 4.74 0.00	79.03 6.62 -0.05	39.03 3.02 -0.06	32.92 2.27 0.00	34.12 2.42 0.00	37.75 2.49 0.00	34.89 2.20 0.00	38.49 2.59 -2.22	37.06 2.92 0.42	36.14 3.21 0.33	40.52 3.83 -2.47	39.98 4.24 0.44	45.83 4.74 0.54	42.63 4.30 0.96	44.43 3.92 1.38	37.56 3.26 0.73	37.44 2.75 -4.99
CANDIGU_WT_PWR 323617	39.98 -0.73 0.03	43.56 -0.70 0.00	35.72 -0.65 0.00	42.94 -0.71 0.00	43.34 -0.90 0.00	42.51 -0.56 0.00	55.33 -0.25 -1.97	45.75 0.15 0.00	71.58 -0.79 0.00	35.46 -0.40 0.09	30.24 -0.41 0.00	31.18 -0.52 0.00	34.56 -0.70 0.00	32.03 -0.66 0.00	32.76 -0.92 0.00	29.76 -0.85 3.96	30.59 -0.25 2.43	31.93 0.01 2.30	32.92 -0.02 3.25	33.16 -0.03 8.45	32.17 -0.05 7.07	31.29 -0.47 10.12	28.99 -0.66 5.39	29.06 -0.65 0.00
CARR STREET_E_SYR 24060	39.08 -1.62 0.03	42.47 -1.78 0.00	34.88 -1.49 0.00	41.88 -1.77 0.00	42.44 -1.79 0.00	41.58 -1.49 0.00	51.77 -1.81 0.03	44.25 -1.34 0.00	69.97 -2.39 0.00	34.56 -1.30 0.10	29.44 -1.21 0.00	30.40 -1.30 0.00	33.78 -1.48 0.00	31.30 -1.39 0.00	32.18 -1.50 0.00	28.15 -1.56 4.86	28.95 -1.33 2.98	30.14 -1.25 2.83	30.90 -1.31 3.99	29.73 -1.55 10.36	29.15 -1.47 8.67	27.78 -1.69 12.41	26.96 -1.47 6.61	28.50 -1.21 0.00
CARTHAGE___PAPER 23857	41.55 0.82 0.00	45.19 0.94 0.00	37.12 0.75 0.00	44.56 0.91 0.00	45.22 0.98 0.00	44.14 1.06 0.00	55.13 1.52 0.00	46.95 1.36 0.00	74.28 1.91 0.00	36.60 0.65 0.00	31.17 0.51 0.00	32.18 0.48 0.00	35.72 0.46 0.00	33.24 0.56 0.00	34.36 0.68 0.00	32.50 0.75 2.80	32.38 0.84 1.72	33.56 0.97 1.63	34.88 0.99 2.30	36.76 1.11 5.99	35.24 0.96 5.01	35.65 0.94 7.17	31.86 0.64 3.82	30.22 0.52 0.00
CASSADAGA_WT_PWR 323784	38.78 -1.91 0.05	42.55 -1.70 0.00	34.87 -1.50 0.00	41.95 -1.70 0.00	42.22 -2.02 0.00	41.48 -1.59 0.00	50.36 -2.68 0.57	43.74 -1.85 0.00	68.63 -3.73 0.01	33.72 -2.08 0.15	29.24 -1.41 0.00	30.26 -1.44 0.00	33.72 -1.54 0.00	31.27 -1.41 0.00	31.83 -1.85 0.00	27.90 -1.98 4.69	29.07 -1.32 2.88	30.15 -1.34 2.73	30.91 -1.43 3.85	29.75 -1.89 9.99	29.18 -1.75 8.37	27.47 -2.43 11.97	26.59 -2.07 6.38	28.30 -1.41 0.00
CE_DUNWOOD___DRP 24194	42.58 1.84 0.00	45.93 1.67 0.00	37.77 1.39 0.00	45.32 1.67 0.00	45.93 1.69 0.00	45.14 2.07 0.00	56.85 3.24 0.00	48.64 3.04 0.00	76.88 4.47 -0.04	38.04 2.03 -0.05	32.18 1.53 0.00	33.36 1.66 0.00	36.98 1.72 0.00	34.15 1.47 0.00	35.23 1.55 0.00	35.74 1.72 0.54	34.89 1.95 0.33	36.28 2.38 0.31	38.37 2.61 0.45	43.35 2.87 1.15	40.94 2.61 0.96	42.73 2.23 1.38	36.16 1.86 0.74	31.22 1.52 0.00
CE_MILLWOOD___DRP 24193	42.52 1.78 0.00	45.85 1.59 0.00	37.70 1.33 0.00	45.24 1.59 0.00	45.87 1.63 0.00	45.07 1.99 0.00	56.76 3.15 0.00	48.57 2.98 0.00	76.72 4.32 -0.04	37.95 1.95 -0.04	32.10 1.45 0.00	33.28 1.58 0.00	36.89 1.63 0.00	34.09 1.41 0.00	35.15 1.47 0.00	35.66 1.64 0.54	34.81 1.88 0.33	36.21 2.31 0.32	38.30 2.55 0.45	43.29 2.81 1.16	40.87 2.55 0.97	42.67 2.18 1.39	36.09 1.79 0.74	31.18 1.48 0.00
CE_NYC2_DRP 24202	42.82 2.09 0.00	46.15 1.90 0.00	37.98 1.61 0.00	45.51 1.86 0.00	46.12 1.88 0.00	45.40 2.32 0.00	57.18 3.57 0.00	48.98 3.38 0.00	79.33 5.13 -1.84	40.72 2.47 -2.31	32.58 1.88 -0.04	33.74 2.03 -0.01	37.35 2.10 0.00	34.40 1.71 0.00	35.45 1.77 0.00	35.94 1.92 0.54	35.06 2.13 0.33	36.44 2.54 0.31	38.53 2.77 0.44	43.59 3.10 1.15	41.13 2.80 0.96	42.83 2.33 1.38	36.25 1.94 0.73	31.27 1.57 0.00
CE_NYC_DRP 24195	42.76 2.02 0.00	46.09 1.84 0.00	37.91 1.54 0.00	45.45 1.80 0.00	46.05 1.82 0.00	45.32 2.25 0.00	57.14 3.53 0.00	48.92 3.32 0.00	78.93 5.04 -1.51	40.28 2.43 -1.90	32.55 1.86 -0.03	33.71 2.00 -0.01	37.34 2.09 0.00	34.46 1.78 0.00	35.52 1.84 0.00	36.01 1.99 0.54	35.12 2.18 0.33	36.50 2.59 0.31	38.57 2.82 0.44	43.60 3.12 1.15	41.12 2.80 0.96	42.84 2.34 1.38	36.26 1.95 0.73	31.28 1.58 0.00
CHAFFEE___LFGE 323603	37.40 -3.28 0.05	41.09 -3.17 0.00	33.70 -2.67 0.00	40.54 -3.10 0.00	40.91 -3.33 0.00	40.12 -2.95 0.00	48.09 -4.81 0.71	42.01 -3.58 0.00	66.22 -6.14 0.01	32.54 -3.26 0.15	28.11 -2.54 0.00	29.03 -2.67 0.00	32.39 -2.87 0.00	30.11 -2.58 0.00	30.78 -2.90 0.00	26.80 -3.03 4.73	27.90 -2.47 2.91	28.92 -2.54 2.75	29.64 -2.66 3.89	28.30 -3.24 10.09	27.91 -2.93 8.45	26.35 -3.44 12.09	25.91 -2.69 6.44	27.76 -1.94 0.00
CHATEAUG_35_KV_LOAD 355732	42.82 2.09 0.00	46.90 2.65 0.00	38.51 2.14 0.00	46.22 2.57 0.00	46.73 2.50 0.00	45.18 2.10 0.00	55.35 1.75 0.00	46.74 1.14 0.00	75.04 2.68 0.00	37.14 1.19 0.00	32.01 1.36 0.00	33.11 1.41 0.00	37.06 1.80 0.00	34.43 1.75 0.00	35.56 1.88 0.00	35.91 1.70 0.36	34.25 1.20 0.22	34.91 0.90 0.21	36.92 1.02 0.29	41.92 1.05 0.76	39.65 0.99 0.64	42.44 1.47 0.91	35.78 1.23 0.48	30.98 1.28 0.00
CHATEAUG_WT_PWR 323614	42.73 2.00 0.00	46.78 2.53 0.00	38.42 2.05 0.00	46.10 2.45 0.00	46.61 2.37 0.00	45.05 1.98 0.00	55.17 1.57 0.00	46.58 0.98 0.00	74.82 2.45 0.00	36.94 0.98 0.00	31.89 1.24 0.00	33.01 1.31 0.00	36.91 1.65 0.00	34.32 1.63 0.00	35.44 1.76 0.00	35.83 1.58 0.31	34.19 1.11 0.19	34.84 0.80 0.18	36.87 0.93 0.25	41.88 0.90 0.66	39.60 0.86 0.55	42.40 1.31 0.79	35.73 1.11 0.42	30.93 1.23 0.00
CHAT_HIGH_FALL_HYD 323578	42.82 2.09 0.00	46.90 2.65 0.00	38.51 2.14 0.00	46.22 2.57 0.00	46.73 2.50 0.00	45.18 2.10 0.00	55.35 1.75 0.00	46.74 1.14 0.00	75.04 2.68 0.00	37.14 1.19 0.00	32.01 1.36 0.00	33.11 1.41 0.00	37.06 1.80 0.00	34.43 1.75 0.00	35.56 1.88 0.00	35.91 1.70 0.36	34.25 1.20 0.22	34.91 0.90 0.21	36.92 1.02 0.29	41.92 1.05 0.76	39.65 0.99 0.64	42.44 1.47 0.91	35.78 1.23 0.48	30.98 1.28 0.00
CHAUTAUQUA___LFGE 323629	37.92 -2.76 0.05	41.62 -2.63 0.00	34.12 -2.26 0.00	41.07 -2.58 0.00	41.40 -2.83 0.00	40.64 -2.43 0.00	49.04 -3.89 0.69	42.74 -2.85 0.00	67.14 -5.22 0.01	32.98 -2.82 0.15	28.51 -2.14 0.00	29.49 -2.21 0.00	32.88 -2.38 0.00	30.54 -2.15 0.00	31.12 -2.56 0.00	27.17 -2.68 4.72	28.35 -2.02 2.90	29.41 -2.06 2.75	30.12 -2.19 3.88	28.90 -2.67 10.07	28.42 -2.44 8.43	26.79 -3.02 12.06	26.16 -2.45 6.43	27.92 -1.78 0.00
CHERRYST_13_KV_LD 356241	42.87 2.13 0.00	46.19 1.94 0.00	37.99 1.62 0.00	45.55 1.90 0.00	46.16 1.92 0.00	45.44 2.36 0.00	57.30 3.69 0.00	49.08 3.48 0.00	79.16 5.28 -1.51	40.40 2.56 -1.90	32.66 1.97 -0.03	33.84 2.12 -0.01	37.48 2.22 0.00	34.58 1.90 0.00	35.64 1.96 0.00	36.15 2.12 0.54	35.23 2.30 0.33	36.62 2.71 0.31	38.70 2.95 0.44	43.73 3.25 1.15	41.24 2.91 0.96	42.95 2.45 1.38	36.35 2.05 0.73	31.36 1.66 0.00

CHESTROR_138KV_BK263 355645	42.14 1.41 0.00	45.49 1.24 0.00	37.40 1.03 0.00	44.89 1.24 0.00	45.52 1.29 0.00	44.67 1.60 0.00	56.22 2.61 0.00	48.07 2.47 0.00	75.85 3.48 0.00	37.43 1.48 0.00	31.70 1.05 0.00	32.85 1.15 0.00	36.42 1.16 0.00	33.67 0.99 0.00	34.72 1.04 0.00	35.20 1.22 0.58	34.40 1.49 0.35	35.79 1.90 0.33	37.83 2.11 0.48	42.70 2.29 1.23	40.35 2.09 1.03	42.19 1.78 1.47	35.70 1.45 0.78	30.90 1.20 0.00
CH_MIDHUDSON___DRP 24192	42.53 1.80 0.00	45.92 1.66 0.00	37.77 1.40 0.00	45.30 1.65 0.00	45.94 1.71 0.00	45.12 2.05 0.00	56.79 3.18 0.00	48.57 2.97 0.00	76.68 4.31 0.00	37.85 1.90 0.00	32.04 1.39 0.00	33.17 1.48 0.00	36.76 1.51 0.00	34.00 1.32 0.00	35.13 1.45 0.00	35.69 1.65 0.52	34.87 1.93 0.32	36.23 2.32 0.30	38.32 2.56 0.43	43.31 2.80 1.12	40.91 2.55 0.94	42.79 2.25 1.34	36.13 1.80 0.71	31.21 1.51 0.00
CH_MISC_IPPS 23765	42.75 2.01 0.00	46.15 1.89 0.00	37.95 1.57 0.00	45.54 1.89 0.00	46.19 1.95 0.00	45.36 2.29 0.00	57.13 3.53 0.00	48.86 3.27 0.00	77.10 4.73 0.00	38.03 2.07 0.00	32.19 1.54 0.00	33.33 1.63 0.00	36.92 1.66 0.00	34.15 1.46 0.00	35.25 1.58 0.00	35.82 1.79 0.53	35.03 2.09 0.33	36.43 2.52 0.31	38.55 2.79 0.44	43.54 3.05 1.14	41.12 2.78 0.95	42.98 2.47 1.37	36.30 1.99 0.73	31.36 1.66 0.00
CH_RES_BVR_FALLS 23983	41.02 0.29 0.00	44.72 0.47 0.00	36.75 0.37 0.00	44.10 0.46 0.00	44.67 0.43 0.00	43.29 0.22 0.00	53.52 -0.08 0.00	45.43 -0.17 0.00	72.45 0.09 0.00	36.11 0.16 0.00	30.90 0.25 0.00	31.97 0.27 0.00	35.67 0.41 0.00	33.10 0.42 0.00	34.11 0.43 0.00	34.64 0.31 0.23	33.17 0.04 0.14	33.97 -0.11 0.13	35.85 -0.15 0.19	41.01 -0.13 0.49	38.78 -0.09 0.41	41.38 0.10 0.59	34.84 0.11 0.31	29.79 0.09 0.00
CH_RES_NIAGARA 23895	35.97 -4.71 0.05	39.79 -4.46 0.00	32.64 -3.73 0.00	39.24 -4.41 0.00	39.58 -4.65 0.00	38.80 -4.28 0.00	45.48 -7.08 1.05	39.72 -5.87 0.00	62.79 -9.57 0.01	30.91 -4.88 0.16	26.75 -3.91 0.00	27.62 -4.08 0.00	30.85 -4.41 0.00	28.69 -3.99 0.00	29.55 -4.13 0.00	25.32 -4.38 4.86	26.36 -3.92 2.99	27.31 -4.08 2.83	27.90 -4.30 4.00	26.15 -5.12 10.37	25.91 -4.70 8.68	24.23 -5.23 12.43	24.33 -4.09 6.62	26.73 -2.97 0.00
CH_RES_SYRACUSE 23985	39.64 -1.07 0.02	43.09 -1.17 0.00	35.36 -1.01 0.00	42.45 -1.20 0.00	43.02 -1.22 0.00	42.16 -0.91 0.00	53.55 -1.13 -1.07	44.82 -0.77 0.00	70.87 -1.50 0.00	35.02 -0.88 0.05	29.79 -0.86 0.00	30.76 -0.94 0.00	34.18 -1.08 0.00	31.68 -1.00 0.00	32.56 -1.12 0.00	28.30 -1.18 5.09	29.19 -0.95 3.12	30.41 -0.85 2.96	31.13 -0.89 4.18	29.71 -1.07 10.85	29.20 -1.01 9.08	27.67 -1.21 13.00	27.05 -1.06 6.92	28.84 -0.87 0.00
CLINTON_WT_PWR 323605	42.73 2.00 0.00	46.78 2.53 0.00	38.42 2.05 0.00	46.10 2.45 0.00	46.61 2.37 0.00	45.05 1.98 0.00	55.17 1.57 0.00	46.58 0.98 0.00	74.82 2.45 0.00	36.94 0.98 0.00	31.89 1.24 0.00	33.01 1.31 0.00	36.91 1.65 0.00	34.32 1.63 0.00	35.44 1.76 0.00	35.83 1.58 0.31	34.19 1.11 0.19	34.84 0.80 0.18	36.87 0.93 0.25	41.88 0.90 0.66	39.60 0.86 0.55	42.40 1.31 0.79	35.73 1.11 0.42	30.93 1.23 0.00
CLINTON___LFGE 323618	43.48 2.75 0.00	47.61 3.35 0.00	39.10 2.73 0.00	46.89 3.24 0.00	47.36 3.12 0.00	45.79 2.72 0.00	56.08 2.47 0.00	47.30 1.71 0.00	75.98 3.62 0.00	37.36 1.41 0.00	32.30 1.65 0.00	33.44 1.74 0.00	37.38 2.12 0.00	34.76 2.08 0.00	35.93 2.25 0.00	36.31 2.07 0.32	34.67 1.60 0.20	35.34 1.31 0.19	37.45 1.52 0.26	42.48 1.53 0.68	40.13 1.42 0.57	42.97 1.91 0.82	36.18 1.58 0.44	31.41 1.70 0.00
COBBLENY_34_KV_TB1 80064	37.42 -3.27 0.05	41.07 -3.18 0.00	33.68 -2.69 0.00	40.54 -3.10 0.00	40.92 -3.32 0.00	40.12 -2.95 0.00	48.08 -4.82 0.71	42.02 -3.58 0.00	66.20 -6.16 0.01	32.56 -3.24 0.15	28.11 -2.54 0.00	29.03 -2.67 0.00	32.39 -2.87 0.00	30.11 -2.57 0.00	30.77 -2.91 0.00	26.73 -3.10 4.73	27.87 -2.49 2.91	28.89 -2.57 2.75	29.63 -2.67 3.89	28.28 -3.26 10.09	27.84 -3.01 8.45	26.27 -3.52 12.09	25.86 -2.74 6.44	27.76 -1.94 0.00
COFFEEN___115KV_TB3 355620	41.23 0.50 0.00	44.79 0.53 0.00	36.78 0.41 0.00	44.14 0.49 0.00	44.80 0.56 0.00	43.81 0.74 0.00	54.87 1.26 0.00	46.82 1.22 0.00	73.91 1.54 0.00	36.38 0.42 0.00	30.95 0.30 0.00	31.92 0.22 0.00	35.31 0.05 0.00	32.89 0.20 0.00	33.99 0.31 0.00	31.71 0.43 3.28	31.90 0.65 2.01	33.18 0.87 1.91	34.39 0.89 2.69	35.61 0.97 7.00	34.24 0.81 5.85	34.22 0.72 8.38	31.00 0.42 4.46	30.01 0.31 0.00
COLDSPRG_115KV_BK1 355956	39.36 -1.33 0.04	43.12 -1.13 0.00	35.34 -1.04 0.00	42.58 -1.07 0.00	42.96 -1.27 0.00	42.09 -0.98 0.00	51.37 -1.86 0.39	44.59 -1.00 0.00	69.89 -2.47 0.01	34.31 -1.51 0.14	29.65 -1.00 0.00	30.73 -0.96 0.00	34.23 -1.03 0.00	31.71 -0.98 0.00	32.26 -1.42 0.00	28.28 -1.65 4.63	29.50 -0.93 2.84	30.55 -0.98 2.69	31.41 -0.97 3.81	30.39 -1.37 9.88	29.80 -1.23 8.26	28.29 -1.75 11.83	27.37 -1.37 6.30	28.85 -0.86 0.00
COLONIE_LFGE___ 323577	42.00 1.27 0.00	45.46 1.20 0.00	37.38 1.01 0.00	44.81 1.16 0.00	45.51 1.28 0.00	44.49 1.41 0.00	55.89 2.28 0.00	47.56 1.96 0.00	75.13 2.76 0.00	37.01 1.06 0.00	31.35 0.70 0.00	32.36 0.67 0.00	35.96 0.70 0.00	33.34 0.66 0.00	34.53 0.85 0.00	35.31 1.13 0.38	34.41 1.38 0.24	35.58 1.59 0.22	37.61 1.73 0.32	42.67 1.85 0.82	40.36 1.76 0.69	42.47 1.57 0.98	35.71 1.20 0.52	30.81 1.11 0.00
COOPERNY_115KV_TB1 80082	41.72 0.99 0.00	45.11 0.86 0.00	37.09 0.72 0.00	44.52 0.87 0.00	45.13 0.90 0.00	44.25 1.18 0.00	55.56 1.96 0.00	47.45 1.85 0.00	74.94 2.57 0.00	37.03 1.08 0.00	31.41 0.75 0.00	32.52 0.83 0.00	36.07 0.81 0.00	33.36 0.68 0.00	34.38 0.70 0.00	34.72 0.83 0.67	33.91 1.06 0.41	35.21 1.37 0.39	37.18 1.54 0.55	41.87 1.67 1.43	39.63 1.54 1.20	41.44 1.27 1.71	35.17 1.04 0.91	30.56 0.86 0.00
COPENHAGEN_WT_PWR 323753	40.86 0.13 0.00	44.39 0.13 0.00	36.46 0.09 0.00	43.75 0.10 0.00	44.38 0.14 0.00	43.37 0.29 0.00	54.25 0.64 0.00	46.27 0.67 0.00	73.08 0.71 0.00	36.03 0.08 0.00	30.67 0.02 0.00	31.65 -0.04 0.00	35.06 -0.20 0.00	32.63 -0.05 0.00	33.68 0.00 0.00	31.24 0.08 3.41	31.43 0.26 2.09	32.67 0.43 1.98	33.82 0.43 2.80	34.83 0.46 7.27	33.55 0.33 6.08	33.43 0.25 8.70	30.47 0.07 4.64	29.73 0.03 0.00
CORNELL_____ 23752	40.90 0.18 0.02	44.47 0.21 0.00	36.49 0.12 0.00	43.87 0.22 0.00	44.50 0.26 0.00	43.62 0.55 0.00	56.36 1.01 -1.74	46.69 1.09 0.00	73.52 1.16 0.00	36.09 0.21 0.07	30.68 0.03 0.00	31.63 -0.07 0.00	35.12 -0.14 0.00	32.55 -0.13 0.00	33.53 -0.15 0.00	30.44 -0.13 4.00	31.07 0.25 2.45	32.45 0.56 2.33	33.51 0.60 3.28	33.73 0.63 8.53	32.73 0.58 7.13	32.03 0.37 10.21	29.78 0.18 5.44	29.85 0.15 0.00

CORONA_69_KV_TB1 355595	45.46 2.63 -2.10	47.79 2.54 -1.00	50.12 2.11 -11.64	46.14 2.49 0.00	46.72 2.48 0.00	45.88 2.81 0.00	57.59 3.99 0.00	49.20 3.60 0.00	77.58 5.17 -0.05	38.60 2.59 -0.06	32.66 2.00 0.00	33.87 2.18 0.00	37.57 2.31 0.00	34.71 2.03 0.00	38.12 2.22 -2.22	36.54 2.39 0.42	35.51 2.57 0.33	39.62 2.94 -2.47	38.98 3.23 0.44	44.69 3.59 0.54	41.68 3.35 0.96	43.46 2.96 1.38	36.76 2.46 0.73	36.75 2.06 -4.99
CORTLAND_115KV_TB3 80093	40.54 -0.18 0.02	44.05 -0.21 0.00	36.17 -0.21 0.00	43.46 -0.19 0.00	44.06 -0.18 0.00	43.19 0.11 0.00	54.92 0.39 -0.92	46.13 0.53 0.00	72.75 0.38 0.00	35.83 -0.06 0.07	30.44 -0.21 0.00	31.43 -0.27 0.00	34.89 -0.37 0.00	32.34 -0.34 0.00	33.31 -0.37 0.00	30.21 -0.36 4.00	30.77 -0.04 2.46	32.06 0.16 2.33	33.11 0.20 3.29	33.29 0.19 8.53	32.30 0.15 7.14	31.61 -0.05 10.22	29.46 -0.14 5.44	29.59 -0.11 0.00
COXSACKIE___GT 23611	43.47 2.73 0.00	47.05 2.80 0.00	38.69 2.32 0.00	46.35 2.70 0.00	47.13 2.90 0.00	46.21 3.14 0.00	58.25 4.64 0.00	49.63 4.03 0.00	77.85 5.48 0.00	37.72 1.76 0.00	31.64 0.99 0.00	32.54 0.84 0.00	36.15 0.89 0.00	33.59 0.91 0.00	34.78 1.10 0.00	35.81 1.68 0.43	35.58 2.58 0.27	37.08 3.12 0.25	39.13 3.30 0.36	44.29 3.58 0.93	41.78 3.26 0.77	43.88 3.11 1.11	36.78 2.33 0.59	31.74 2.04 0.00
CPV_VALLEY___CC1 323721	41.82 1.09 0.00	45.14 0.89 0.00	37.11 0.74 0.00	44.56 0.91 0.00	45.18 0.95 0.00	44.33 1.25 0.00	55.74 2.13 0.00	47.63 2.04 0.00	75.22 2.86 0.00	37.15 1.19 0.00	31.47 0.82 0.00	32.62 0.92 0.00	36.17 0.92 0.00	33.45 0.77 0.00	34.49 0.81 0.00	34.91 0.95 0.61	34.08 1.19 0.37	35.44 1.57 0.36	37.45 1.76 0.50	42.23 1.89 1.30	39.93 1.72 1.09	41.73 1.41 1.56	35.36 1.15 0.83	30.65 0.94 0.00
CPV_VALLEY___CC2 323722	41.82 1.09 0.00	45.14 0.89 0.00	37.11 0.74 0.00	44.56 0.91 0.00	45.18 0.95 0.00	44.33 1.25 0.00	55.74 2.13 0.00	47.63 2.04 0.00	75.22 2.86 0.00	37.15 1.19 0.00	31.47 0.82 0.00	32.62 0.92 0.00	36.17 0.92 0.00	33.45 0.77 0.00	34.49 0.81 0.00	34.91 0.95 0.61	34.08 1.19 0.37	35.44 1.57 0.36	37.45 1.76 0.50	42.23 1.89 1.30	39.93 1.72 1.09	41.73 1.41 1.56	35.36 1.15 0.83	30.65 0.94 0.00
CRESCENT___HYD 24018	42.00 1.27 0.00	45.46 1.20 0.00	37.38 1.01 0.00	44.81 1.16 0.00	45.51 1.28 0.00	44.49 1.41 0.00	55.89 2.28 0.00	47.56 1.96 0.00	75.13 2.76 0.00	37.01 1.06 0.00	31.35 0.70 0.00	32.36 0.67 0.00	35.96 0.70 0.00	33.34 0.66 0.00	34.53 0.85 0.00	35.31 1.13 0.38	34.41 1.38 0.24	35.58 1.59 0.22	37.61 1.73 0.32	42.67 1.85 0.82	40.36 1.76 0.69	42.47 1.57 0.98	35.71 1.20 0.52	30.81 1.11 0.00
CRICKET___VALLEY_CC1 323756	42.19 1.46 0.00	45.54 1.29 0.00	37.49 1.12 0.00	44.94 1.29 0.00	45.58 1.34 0.00	44.77 1.70 0.00	56.34 2.74 0.00	48.18 2.58 0.00	76.05 3.68 0.00	37.55 1.60 0.00	31.77 1.13 0.00	32.89 1.19 0.00	36.43 1.17 0.00	33.73 1.05 0.00	34.89 1.21 0.00	35.45 1.39 0.50	34.65 1.70 0.31	35.99 2.06 0.29	38.04 2.26 0.41	43.01 2.45 1.07	40.60 2.21 0.90	42.50 1.91 1.29	35.86 1.51 0.68	31.02 1.32 0.00
CRICKET___VALLEY_CC2 323757	42.19 1.46 0.00	45.54 1.29 0.00	37.49 1.12 0.00	44.94 1.29 0.00	45.58 1.34 0.00	44.77 1.70 0.00	56.34 2.74 0.00	48.18 2.58 0.00	76.05 3.68 0.00	37.55 1.60 0.00	31.77 1.13 0.00	32.89 1.19 0.00	36.43 1.17 0.00	33.73 1.05 0.00	34.89 1.21 0.00	35.45 1.39 0.50	34.65 1.70 0.31	35.99 2.06 0.29	38.04 2.26 0.41	43.01 2.45 1.07	40.60 2.21 0.90	42.50 1.91 1.29	35.86 1.51 0.68	31.02 1.32 0.00
CRICKET___VALLEY_CC3 323758	42.19 1.46 0.00	45.54 1.29 0.00	37.49 1.12 0.00	44.94 1.29 0.00	45.58 1.34 0.00	44.77 1.70 0.00	56.34 2.74 0.00	48.18 2.58 0.00	76.05 3.68 0.00	37.55 1.60 0.00	31.77 1.13 0.00	32.89 1.19 0.00	36.43 1.17 0.00	33.73 1.05 0.00	34.89 1.21 0.00	35.45 1.39 0.50	34.65 1.70 0.31	35.99 2.06 0.29	38.04 2.26 0.41	43.01 2.45 1.07	40.60 2.21 0.90	42.50 1.91 1.29	35.86 1.51 0.68	31.02 1.32 0.00
CRUCIBLE_METL_DRP 24180	39.65 -1.07 0.02	43.08 -1.17 0.00	35.36 -1.01 0.00	42.45 -1.20 0.00	43.02 -1.22 0.00	42.16 -0.91 0.00	53.55 -1.13 -1.07	44.82 -0.77 0.00	70.87 -1.50 0.00	35.02 -0.87 0.05	29.79 -0.86 0.00	30.76 -0.93 0.00	34.18 -1.08 0.00	31.68 -1.00 0.00	32.56 -1.12 0.00	28.29 -1.18 5.09	29.19 -0.95 3.12	30.41 -0.85 2.96	31.13 -0.89 4.18	29.70 -1.08 10.85	29.19 -1.02 9.08	27.67 -1.21 13.00	27.05 -1.07 6.92	28.84 -0.86 0.00
DAHOWA___HYDRO 323763	41.97 1.23 0.00	45.48 1.22 0.00	37.41 1.04 0.00	44.85 1.20 0.00	45.60 1.36 0.00	44.69 1.62 0.00	56.23 2.62 0.00	47.92 2.32 0.00	75.42 3.05 0.00	36.96 1.00 0.00	31.26 0.61 0.00	32.23 0.54 0.00	35.82 0.56 0.00	33.24 0.55 0.00	34.50 0.82 0.00	35.43 1.25 0.38	34.69 1.66 0.24	35.82 1.82 0.22	37.86 1.98 0.31	42.94 2.12 0.82	40.50 1.90 0.68	42.60 1.70 0.98	35.75 1.23 0.52	30.82 1.12 0.00
DANC___LFGE 323619	40.14 -0.59 0.00	43.60 -0.65 0.00	35.80 -0.57 0.00	42.95 -0.71 0.00	43.50 -0.74 0.00	42.51 -0.56 0.00	53.12 -0.48 0.00	45.33 -0.27 0.00	71.62 -0.75 0.00	35.37 -0.58 0.00	30.11 -0.54 0.00	31.13 -0.57 0.00	34.50 -0.76 0.00	32.05 -0.63 0.00	33.02 -0.66 0.00	29.83 -0.64 4.10	30.29 -0.46 2.52	31.51 -0.32 2.38	32.47 -0.36 3.37	32.44 -0.45 8.74	31.49 -0.49 7.32	30.81 -0.59 10.47	28.89 -0.57 5.58	29.20 -0.50 0.00
DANSKAMMER___1 23586	42.75 2.01 0.00	46.15 1.89 0.00	37.95 1.57 0.00	45.54 1.89 0.00	46.19 1.95 0.00	45.36 2.29 0.00	57.13 3.53 0.00	48.86 3.27 0.00	77.10 4.73 0.00	38.03 2.07 0.00	32.19 1.54 0.00	33.33 1.63 0.00	36.92 1.66 0.00	34.15 1.46 0.00	35.25 1.58 0.00	35.82 1.79 0.53	35.03 2.09 0.33	36.43 2.52 0.31	38.55 2.79 0.44	43.54 3.05 1.14	41.12 2.78 0.95	42.98 2.47 1.37	36.30 1.99 0.73	31.36 1.66 0.00
DANSKAMMER___2 23589	42.75 2.01 0.00	46.15 1.89 0.00	37.95 1.57 0.00	45.54 1.89 0.00	46.19 1.95 0.00	45.36 2.29 0.00	57.13 3.53 0.00	48.86 3.27 0.00	77.10 4.73 0.00	38.03 2.07 0.00	32.19 1.54 0.00	33.33 1.63 0.00	36.92 1.66 0.00	34.15 1.46 0.00	35.25 1.58 0.00	35.82 1.79 0.53	35.03 2.09 0.33	36.43 2.52 0.31	38.55 2.79 0.44	43.54 3.05 1.14	41.12 2.78 0.95	42.98 2.47 1.37	36.30 1.99 0.73	31.36 1.66 0.00
DANSKAMMER___3 23590	42.75 2.01 0.00	46.15 1.89 0.00	37.95 1.57 0.00	45.54 1.89 0.00	46.19 1.95 0.00	45.36 2.29 0.00	57.13 3.53 0.00	48.86 3.27 0.00	77.10 4.73 0.00	38.03 2.07 0.00	32.19 1.54 0.00	33.33 1.63 0.00	36.92 1.66 0.00	34.15 1.46 0.00	35.25 1.58 0.00	35.82 1.79 0.53	35.03 2.09 0.33	36.43 2.52 0.31	38.55 2.79 0.44	43.54 3.05 1.14	41.12 2.78 0.95	42.98 2.47 1.37	36.30 1.99 0.73	31.36 1.66 0.00

DANSKAMMER___4 23591	42.75 2.01 0.00	46.15 1.89 0.00	37.95 1.57 0.00	45.54 1.89 0.00	46.19 1.95 0.00	45.36 2.29 0.00	57.13 3.53 0.00	48.86 3.27 0.00	77.10 4.73 0.00	38.03 2.07 0.00	32.19 1.54 0.00	33.33 1.63 0.00	36.92 1.66 0.00	34.15 1.46 0.00	35.25 1.58 0.00	35.82 1.79 0.53	35.03 2.09 0.33	36.43 2.52 0.31	38.55 2.79 0.44	43.54 3.05 1.14	41.12 2.78 0.95	42.98 2.47 1.37	36.30 1.99 0.73	31.36 1.66 0.00
DANSKAMMER___DIESEL 23592	42.75 2.01 0.00	46.15 1.89 0.00	37.95 1.58 0.00	45.54 1.89 0.00	46.19 1.95 0.00	45.36 2.29 0.00	57.13 3.53 0.00	48.86 3.26 0.00	77.10 4.73 0.00	38.03 2.07 0.00	32.19 1.54 0.00	33.33 1.63 0.00	36.92 1.67 0.00	34.15 1.46 0.00	35.26 1.58 0.00	35.82 1.79 0.53	35.03 2.09 0.33	36.43 2.52 0.31	38.55 2.79 0.44	43.55 3.06 1.14	41.13 2.79 0.95	42.99 2.48 1.37	36.31 2.00 0.73	31.37 1.66 0.00
DARBY___SOLAR 323810	41.96 1.23 0.00	45.46 1.21 0.00	37.40 1.02 0.00	44.83 1.18 0.00	45.57 1.33 0.00	44.64 1.57 0.00	56.13 2.52 0.00	47.82 2.23 0.00	75.30 2.93 0.00	36.93 0.97 0.00	31.24 0.59 0.00	32.23 0.53 0.00	35.83 0.58 0.00	33.24 0.56 0.00	34.47 0.79 0.00	35.40 1.22 0.38	34.61 1.58 0.24	35.76 1.76 0.22	37.79 1.91 0.31	42.88 2.06 0.82	40.45 1.85 0.68	42.55 1.65 0.98	35.73 1.22 0.52	30.81 1.11 0.00
DASHVILLE___HYD 23610	42.46 1.73 0.00	45.82 1.56 0.00	37.69 1.31 0.00	45.23 1.58 0.00	45.86 1.62 0.00	45.06 1.99 0.00	56.71 3.10 0.00	48.56 2.96 0.00	76.69 4.32 0.00	37.88 1.92 0.00	32.05 1.40 0.00	33.18 1.48 0.00	36.76 1.50 0.00	34.03 1.34 0.00	35.09 1.41 0.00	35.63 1.58 0.52	34.77 1.82 0.32	36.18 2.26 0.30	38.30 2.53 0.42	43.30 2.77 1.10	40.88 2.51 0.92	42.73 2.18 1.32	36.09 1.76 0.70	31.15 1.45 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	46.70 3.87 -2.10	49.06 3.81 -1.00	51.28 3.27 -11.64	47.39 3.74 0.00	48.18 3.95 0.00	47.55 4.48 0.00	59.80 6.19 0.00	51.10 5.51 0.00	80.06 7.64 -0.05	39.50 3.49 -0.06	33.31 2.66 0.00	34.53 2.83 0.00	38.14 2.88 0.00	35.21 2.53 0.00	38.85 2.95 -2.22	37.49 3.35 0.42	36.59 3.65 0.33	41.01 4.32 -2.47	40.54 4.78 0.44	46.50 5.40 0.54	43.32 4.99 0.96	45.17 4.67 1.38	38.14 3.83 0.73	37.92 3.22 -4.99
DELAWARE___LFGE 323621	41.75 1.02 0.01	45.29 1.03 0.00	37.21 0.84 0.00	44.69 1.05 0.00	45.32 1.09 0.00	44.41 1.34 0.00	56.16 2.02 -0.53	47.41 1.81 0.00	74.89 2.53 0.00	37.02 1.10 0.03	31.48 0.83 0.00	32.55 0.85 0.00	36.12 0.86 0.00	33.46 0.77 0.00	34.44 0.76 0.00	33.66 0.85 1.74	33.24 1.04 1.07	34.46 1.25 1.01	36.14 1.38 1.43	39.47 1.56 3.72	37.59 1.42 3.11	38.67 1.25 4.46	33.65 0.99 2.37	30.54 0.84 0.00
DERFIELD_115KV_TB7 355931	40.87 0.14 0.00	44.34 0.09 0.00	36.44 0.07 0.00	43.73 0.08 0.00	44.34 0.10 0.00	43.27 0.20 0.00	54.06 0.46 0.00	46.01 0.42 0.00	72.87 0.50 0.00	36.13 0.18 0.00	30.73 0.08 0.00	31.77 0.07 0.00	35.29 0.04 0.00	32.72 0.03 0.00	33.75 0.07 0.00	34.22 0.13 0.47	33.22 0.24 0.29	34.27 0.32 0.27	36.17 0.36 0.39	41.01 0.38 1.00	38.80 0.35 0.84	40.94 0.25 1.20	34.58 0.18 0.64	29.86 0.16 0.00
DOGLEVILLE___HYD 23807	41.01 0.28 0.00	44.31 0.05 0.00	36.44 0.07 0.00	43.74 0.09 0.00	44.46 0.23 0.00	43.65 0.58 0.00	55.25 1.65 0.00	47.19 1.60 0.00	74.05 1.68 0.00	36.34 0.39 0.00	30.48 -0.17 0.00	31.39 -0.31 0.00	34.83 -0.43 0.00	32.33 -0.36 0.00	33.54 -0.13 0.00	34.27 0.17 0.47	33.75 0.76 0.29	35.07 1.12 0.27	37.08 1.27 0.39	41.99 1.35 1.00	39.74 1.29 0.84	41.62 0.94 1.20	34.97 0.57 0.64	30.19 0.49 0.00
DUNKIRK___115KV_TB_200 55889	37.81 -2.88 0.05	41.48 -2.77 0.00	34.01 -2.36 0.00	40.95 -2.70 0.00	41.32 -2.92 0.00	40.53 -2.54 0.00	48.86 -4.05 0.70	42.61 -2.98 0.00	66.92 -5.44 0.01	32.90 -2.91 0.15	28.43 -2.23 0.00	29.39 -2.31 0.00	32.78 -2.48 0.00	30.45 -2.24 0.00	31.03 -2.65 0.00	27.03 -2.81 4.72	28.23 -2.14 2.90	29.28 -2.19 2.75	30.00 -2.31 3.88	28.75 -2.81 10.08	28.25 -2.61 8.43	26.65 -3.16 12.07	26.06 -2.55 6.43	27.88 -1.82 0.00
DUNKIRK___1 23563	37.81 -2.88 0.05	41.48 -2.77 0.00	34.01 -2.36 0.00	40.95 -2.70 0.00	41.32 -2.92 0.00	40.53 -2.54 0.00	48.86 -4.05 0.70	42.61 -2.98 0.00	66.92 -5.44 0.01	32.90 -2.91 0.15	28.43 -2.23 0.00	29.39 -2.31 0.00	32.78 -2.48 0.00	30.45 -2.24 0.00	31.03 -2.65 0.00	27.03 -2.81 4.72	28.23 -2.14 2.90	29.28 -2.19 2.75	30.00 -2.31 3.88	28.75 -2.81 10.08	28.25 -2.61 8.43	26.65 -3.16 12.07	26.06 -2.55 6.43	27.88 -1.82 0.00
DUNKIRK___2 23564	37.81 -2.88 0.05	41.48 -2.77 0.00	34.01 -2.36 0.00	40.95 -2.70 0.00	41.32 -2.92 0.00	40.53 -2.54 0.00	48.86 -4.05 0.70	42.61 -2.98 0.00	66.92 -5.44 0.01	32.90 -2.91 0.15	28.43 -2.23 0.00	29.39 -2.31 0.00	32.78 -2.48 0.00	30.45 -2.24 0.00	31.03 -2.65 0.00	27.03 -2.81 4.72	28.23 -2.14 2.90	29.28 -2.19 2.75	30.00 -2.31 3.88	28.75 -2.81 10.08	28.25 -2.61 8.43	26.65 -3.16 12.07	26.06 -2.55 6.43	27.88 -1.82 0.00
DUNKIRK___3 23565	37.69 -3.00 0.05	41.34 -2.92 0.00	33.88 -2.50 0.00	40.82 -2.83 0.00	41.19 -3.05 0.00	40.38 -2.69 0.00	48.69 -4.19 0.73	42.49 -3.11 0.00	66.73 -5.63 0.01	32.79 -3.01 0.15	28.32 -2.33 0.00	29.30 -2.40 0.00	32.66 -2.60 0.00	30.34 -2.34 0.00	30.94 -2.74 0.00	26.93 -2.91 4.73	28.11 -2.25 2.90	29.16 -2.31 2.75	29.87 -2.44 3.88	28.59 -2.96 10.08	28.13 -2.73 8.44	26.55 -3.26 12.07	26.00 -2.61 6.43	27.81 -1.89 0.00
DUNKIRK___4 23566	37.71 -2.97 0.05	41.38 -2.88 0.00	33.93 -2.45 0.00	40.84 -2.81 0.00	41.20 -3.04 0.00	40.42 -2.65 0.00	48.54 -4.27 0.80	42.44 -3.15 0.00	66.72 -5.64 0.01	32.80 -3.00 0.15	28.33 -2.32 0.00	29.29 -2.41 0.00	32.68 -2.58 0.00	30.35 -2.33 0.00	30.96 -2.72 0.00	26.92 -2.89 4.76	28.10 -2.25 2.93	29.15 -2.30 2.77	29.87 -2.41 3.91	28.53 -2.94 10.16	28.07 -2.72 8.50	26.44 -3.27 12.17	25.95 -2.61 6.48	27.84 -1.86 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	42.67 1.94 0.00	46.02 1.77 0.00	37.85 1.48 0.00	45.40 1.76 0.00	46.02 1.78 0.00	45.23 2.16 0.00	56.97 3.36 0.00	48.76 3.16 0.00	77.00 4.68 0.05	38.06 2.17 0.06	32.29 1.64 0.00	33.47 1.78 0.00	37.09 1.83 0.00	34.26 1.58 0.00	35.33 1.65 0.00	35.85 1.82 0.54	34.98 2.05 0.33	36.37 2.46 0.31	38.46 2.71 0.44	43.47 2.99 1.15	41.04 2.72 0.96	42.85 2.35 1.38	36.23 1.92 0.73	31.30 1.60 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.41 1.68 0.00	45.78 1.52 0.00	37.64 1.27 0.00	45.19 1.54 0.00	45.81 1.57 0.00	44.99 1.92 0.00	56.64 3.03 0.00	48.43 2.84 0.00	76.41 4.04 0.00	37.67 1.72 0.00	31.89 1.24 0.00	33.04 1.34 0.00	36.60 1.34 0.00	33.84 1.16 0.00	34.90 1.22 0.00	35.46 1.45 0.55	34.67 1.74 0.34	36.08 2.18 0.32	38.19 2.45 0.45	43.10 2.64 1.18	40.73 2.42 0.98	42.57 2.10 1.41	35.99 1.70 0.75	31.11 1.41 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	42.66 1.93 0.00	45.96 1.71 0.00	37.86 1.49 0.00	45.32 1.67 0.00	45.94 1.71 0.00	45.22 2.15 0.00	56.99 3.38 0.00	48.78 3.19 0.00	78.69 4.77 -1.55	38.29 2.26 -0.08	32.34 1.69 0.00	33.52 1.83 0.00	37.13 1.87 0.00	34.20 1.52 0.00	35.30 1.62 0.00	35.76 1.74 0.54	34.91 1.97 0.33	36.27 2.37 0.31	38.37 2.62 0.44	43.45 2.97 1.15	40.99 2.66 0.96	42.69 2.18 1.38	36.13 1.82 0.73	31.18 1.48 0.00
E179THST_13_KV_LOAD 356214	42.83 2.09 0.00	46.14 1.88 0.00	37.99 1.62 0.00	45.49 1.84 0.00	46.11 1.87 0.00	45.39 2.32 0.00	57.22 3.61 0.00	49.00 3.40 0.00	79.04 5.12 -1.55	38.45 2.42 -0.08	32.49 1.84 0.00	33.67 1.97 0.00	37.30 2.04 0.00	34.35 1.67 0.00	35.45 1.77 0.00	35.92 1.89 0.54	35.07 2.13 0.33	36.44 2.54 0.31	38.56 2.81 0.44	43.67 3.18 1.15	41.19 2.86 0.96	42.89 2.38 1.38	36.29 1.99 0.73	31.31 1.61 0.00
EAST HAMPTON___GT 23717	46.77 3.94 -2.10	49.16 3.90 -1.00	51.45 3.44 -11.64	47.45 3.80 0.00	48.37 4.14 0.00	47.88 4.80 0.00	60.29 6.68 0.00	51.45 5.85 0.00	80.44 8.03 -0.05	39.71 3.70 -0.06	33.47 2.82 0.00	34.74 3.04 0.00	38.30 3.04 0.00	35.30 2.62 0.00	38.98 3.08 -2.22	37.65 3.51 0.42	36.77 3.84 0.33	41.22 4.53 -2.47	40.78 5.03 0.44	46.82 5.72 0.54	43.70 5.37 0.96	45.58 5.08 1.38	38.46 4.15 0.73	38.21 3.52 -4.99
EAST RIVER___6 23660	42.74 2.01 0.00	46.05 1.79 0.00	37.87 1.50 0.00	45.41 1.76 0.00	46.02 1.79 0.00	45.30 2.23 0.00	57.12 3.51 0.00	48.94 3.34 0.00	78.96 5.07 -1.51	40.30 2.46 -1.90	32.57 1.89 -0.03	33.75 2.04 -0.01	37.38 2.12 0.00	34.49 1.81 0.00	35.55 1.87 0.00	36.04 2.01 0.54	35.16 2.22 0.33	36.54 2.64 0.31	38.61 2.85 0.44	43.62 3.14 1.15	41.12 2.80 0.96	42.81 2.31 1.38	36.25 1.94 0.73	31.27 1.56 0.00
EAST RIVER___7 23524	42.74 2.01 0.00	46.05 1.79 0.00	37.87 1.50 0.00	45.41 1.76 0.00	46.02 1.79 0.00	45.30 2.23 0.00	57.12 3.51 0.00	48.94 3.34 0.00	78.96 5.07 -1.51	40.30 2.46 -1.90	32.57 1.89 -0.03	33.75 2.04 -0.01	37.38 2.12 0.00	34.49 1.81 0.00	35.55 1.87 0.00	36.04 2.01 0.54	35.16 2.22 0.33	36.54 2.64 0.31	38.61 2.85 0.44	43.62 3.14 1.15	41.12 2.80 0.96	42.81 2.31 1.38	36.25 1.94 0.73	31.27 1.56 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.58 1.84 0.00	45.93 1.67 0.00	37.77 1.39 0.00	45.32 1.67 0.00	45.93 1.69 0.00	45.14 2.07 0.00	56.85 3.24 0.00	48.64 3.04 0.00	76.88 4.47 -0.04	38.04 2.03 -0.05	32.18 1.53 0.00	33.36 1.66 0.00	36.98 1.72 0.00	34.15 1.47 0.00	35.23 1.55 0.00	35.74 1.72 0.54	34.89 1.95 0.33	36.28 2.38 0.31	38.37 2.61 0.45	43.35 2.87 1.15	40.94 2.61 0.96	42.73 2.23 1.38	36.16 1.86 0.74	31.22 1.52 0.00
EAST_HAMPTON___DIESEL 23722	46.73 3.89 -2.10	49.13 3.87 -1.00	51.42 3.41 -11.64	47.41 3.76 0.00	48.34 4.11 0.00	47.85 4.78 0.00	60.27 6.66 0.00	51.42 5.83 0.00	80.39 7.98 -0.05	39.68 3.67 -0.06	33.46 2.80 0.00	34.74 3.04 0.00	38.28 3.03 0.00	35.28 2.59 0.00	38.96 3.06 -2.22	37.63 3.49 0.42	36.75 3.82 0.33	41.19 4.50 -2.47	40.76 5.01 0.44	46.80 5.70 0.54	43.69 5.36 0.96	45.57 5.07 1.38	38.45 4.14 0.73	38.20 3.51 -4.99
EAST_PULASKI___ESR 323781	39.53 -1.21 0.00	42.91 -1.35 0.00	35.24 -1.13 0.00	42.20 -1.45 0.00	42.70 -1.54 0.00	41.71 -1.37 0.00	52.44 -1.54 -0.37	44.45 -1.15 0.00	70.25 -2.12 0.00	34.76 -1.19 0.00	29.63 -1.02 0.00	30.68 -1.02 0.00	34.02 -1.24 0.00	31.54 -1.14 0.00	32.43 -1.25 0.00	28.41 -1.29 4.86	29.17 -1.12 2.98	30.39 -1.00 2.83	31.14 -1.06 3.99	30.00 -1.26 10.37	29.39 -1.22 8.68	28.10 -1.36 12.42	27.25 -1.17 6.62	28.73 -0.97 0.00
EAST_RIVER___1 323558	42.76 2.02 0.00	46.09 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.06 1.82 0.00	45.32 2.25 0.00	57.13 3.52 0.00	48.93 3.33 0.00	78.92 5.04 -1.51	40.28 2.43 -1.90	32.55 1.86 -0.03	33.72 2.00 -0.01	37.34 2.09 0.00	34.46 1.78 0.00	35.52 1.84 0.00	36.00 1.98 0.54	35.11 2.18 0.33	36.49 2.58 0.31	38.56 2.81 0.44	43.58 3.10 1.15	41.12 2.79 0.96	42.81 2.31 1.38	36.25 1.94 0.73	31.27 1.57 0.00
EAST_RIVER___2 323559	42.74 2.01 0.00	46.05 1.79 0.00	37.87 1.50 0.00	45.41 1.76 0.00	46.02 1.79 0.00	45.30 2.23 0.00	57.12 3.51 0.00	48.94 3.34 0.00	78.96 5.07 -1.51	40.30 2.46 -1.90	32.57 1.89 -0.03	33.75 2.04 -0.01	37.38 2.12 0.00	34.49 1.81 0.00	35.55 1.87 0.00	36.04 2.01 0.54	35.16 2.22 0.33	36.54 2.64 0.31	38.61 2.85 0.44	43.62 3.14 1.15	41.12 2.80 0.96	42.81 2.31 1.38	36.25 1.94 0.73	31.27 1.56 0.00
EAST___DELAWARE_HYD 23607	41.84 1.10 0.00	45.13 0.87 0.00	37.10 0.73 0.00	44.57 0.92 0.00	45.20 0.96 0.00	44.44 1.37 0.00	56.02 2.41 0.00	47.93 2.33 0.00	75.57 3.20 0.00	37.12 1.17 0.00	31.33 0.67 0.00	32.27 0.57 0.00	34.93 -0.33 0.00	32.30 -0.39 0.00	33.28 -0.39 0.00	33.81 -0.16 0.59	33.16 0.25 0.36	34.66 0.79 0.34	36.73 1.02 0.48	41.60 1.23 1.26	40.15 1.91 1.05	41.93 1.55 1.50	35.44 1.20 0.80	30.67 0.96 0.00
EIGHT_POINT___WT_PWR 323820	40.73 0.03 0.03	44.28 0.03 0.00	36.32 -0.05 0.00	43.66 0.01 0.00	44.06 -0.17 0.00	43.16 0.09 0.00	56.45 0.73 -2.12	46.72 1.12 0.00	73.05 0.69 0.01	36.23 0.38 0.11	30.85 0.20 0.00	31.69 -0.01 0.00	35.06 -0.20 0.00	32.45 -0.24 0.00	33.22 -0.46 0.00	30.11 -0.26 4.19	31.10 0.40 2.57	32.56 0.77 2.44	33.62 0.87 3.44	33.72 1.02 8.93	32.73 0.92 7.47	31.68 0.50 10.70	29.39 0.06 5.70	29.56 -0.14 0.00
ELBRIDGE_115KV_TB2 80188	39.44 -1.28 0.01	42.84 -1.41 0.00	35.20 -1.18 0.00	42.25 -1.40 0.00	42.83 -1.41 0.00	41.95 -1.13 0.00	53.70 -1.36 -1.45	44.63 -0.97 0.00	70.53 -1.84 0.00	34.85 -1.05 0.05	29.66 -0.99 0.00	30.62 -1.08 0.00	34.00 -1.26 0.00	31.53 -1.15 0.00	32.38 -1.30 0.00	28.13 -1.33 5.10	29.04 -1.09 3.13	30.25 -1.00 2.97	30.95 -1.05 4.19	29.47 -1.28 10.88	29.01 -1.17 9.11	27.43 -1.41 13.04	26.86 -1.23 6.95	28.73 -0.97 0.00
ELEC_TRO_TEK 24086	45.34 2.51 -2.10	47.63 2.38 -1.00	50.00 1.99 -11.64	46.01 2.37 0.00	46.59 2.36 0.00	45.79 2.72 0.00	57.51 3.90 0.00	49.20 3.61 0.00	77.59 5.17 -0.05	38.51 2.50 -0.06	32.56 1.91 0.00	33.77 2.07 0.00	37.44 2.18 0.00	34.59 1.91 0.00	38.01 2.11 -2.22	36.41 2.27 0.42	35.41 2.47 0.33	39.62 2.94 -2.47	38.98 3.23 0.44	44.67 3.57 0.54	41.59 3.26 0.96	43.34 2.84 1.38	36.69 2.38 0.73	36.70 2.00 -4.99
ELLENBURG_WT_PWR 323604	42.73 2.00 0.00	46.78 2.53 0.00	38.42 2.05 0.00	46.10 2.45 0.00	46.61 2.37 0.00	45.05 1.98 0.00	55.17 1.57 0.00	46.58 0.98 0.00	74.82 2.45 0.00	36.94 0.98 0.00	31.89 1.24 0.00	33.01 1.31 0.00	36.91 1.65 0.00	34.32 1.63 0.00	35.44 1.76 0.00	35.83 1.58 0.31	34.19 1.11 0.19	34.84 0.80 0.18	36.87 0.93 0.25	41.88 0.90 0.66	39.60 0.86 0.55	42.40 1.31 0.79	35.73 1.11 0.42	30.93 1.23 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.09 -3.60 0.05	40.74 -3.51 0.00	33.41 -2.96 0.00	40.20 -3.45 0.00	40.56 -3.68 0.00	39.77 -3.30 0.00	47.31 -5.36 0.94	41.51 -4.09 0.00	65.44 -6.92 0.01	32.22 -3.58 0.16	27.83 -2.82 0.00	28.75 -2.95 0.00	32.09 -3.17 0.00	29.83 -2.85 0.00	30.52 -3.16 0.00	26.39 -3.35 4.82	27.52 -2.79 2.96	28.53 -2.89 2.80	29.21 -3.03 3.96	27.71 -3.65 10.27	27.31 -3.38 8.60	25.67 -3.90 12.31	25.44 -3.04 6.56	27.51 -2.19 0.00
EMPIRE_CC_1 323656	41.85 1.12 0.00	45.25 1.00 0.00	37.22 0.85 0.00	44.61 0.96 0.00	45.30 1.06 0.00	44.29 1.22 0.00	55.62 2.01 0.00	47.29 1.69 0.00	74.75 2.38 0.00	36.89 0.94 0.00	31.28 0.62 0.00	32.30 0.60 0.00	35.83 0.57 0.00	33.22 0.54 0.00	34.38 0.70 0.00	35.09 0.95 0.42	34.19 1.18 0.26	35.37 1.39 0.24	37.38 1.52 0.34	42.35 1.60 0.89	40.08 1.53 0.74	42.15 1.34 1.07	35.49 1.02 0.57	30.69 0.99 0.00
EMPIRE_CC_2 323658	41.85 1.12 0.00	45.25 1.00 0.00	37.22 0.85 0.00	44.61 0.96 0.00	45.30 1.06 0.00	44.29 1.22 0.00	55.62 2.01 0.00	47.29 1.69 0.00	74.75 2.38 0.00	36.89 0.94 0.00	31.28 0.62 0.00	32.30 0.60 0.00	35.83 0.57 0.00	33.22 0.54 0.00	34.38 0.70 0.00	35.09 0.95 0.42	34.19 1.18 0.26	35.37 1.39 0.24	37.38 1.52 0.34	42.35 1.60 0.89	40.08 1.53 0.74	42.15 1.34 1.07	35.49 1.02 0.57	30.69 0.99 0.00
ENORWICH_115KV_TB1 80156	43.34 2.62 0.02	47.29 3.04 0.00	38.71 2.34 0.00	46.70 3.05 0.00	47.52 3.28 0.00	46.79 3.72 0.00	59.99 5.28 -1.11	50.34 4.74 0.00	78.92 6.55 0.00	38.55 2.65 0.05	32.57 1.92 0.00	33.50 1.80 0.00	37.17 1.91 0.00	34.57 1.89 0.00	35.63 1.95 0.00	33.65 2.23 3.14	33.95 2.61 1.93	35.49 3.10 1.83	36.96 3.35 2.58	38.70 3.78 6.71	37.15 3.47 5.61	37.18 3.33 8.03	33.35 2.59 4.28	31.81 2.11 0.00
ERIE_ST__34_KV_TB1-2 80199	37.73 -2.95 0.05	41.37 -2.88 0.00	33.92 -2.45 0.00	40.84 -2.80 0.00	41.22 -3.01 0.00	40.42 -2.65 0.00	48.40 -4.39 0.82	42.42 -3.17 0.00	66.83 -5.53 0.01	32.84 -2.96 0.15	28.37 -2.29 0.00	29.32 -2.38 0.00	32.68 -2.58 0.00	30.38 -2.30 0.00	31.04 -2.65 0.00	26.94 -2.86 4.76	28.13 -2.22 2.93	29.16 -2.29 2.77	29.91 -2.37 3.91	28.54 -2.93 10.16	28.08 -2.71 8.50	26.51 -3.19 12.17	26.08 -2.48 6.48	27.98 -1.72 0.00
ERIE_WT_PWR 323693	37.35 -3.33 0.05	41.03 -3.23 0.00	33.65 -2.72 0.00	40.47 -3.18 0.00	40.83 -3.41 0.00	40.05 -3.02 0.00	47.79 -4.95 0.87	41.90 -3.69 0.00	66.07 -6.29 0.01	32.47 -3.33 0.16	28.06 -2.60 0.00	28.97 -2.73 0.00	32.34 -2.91 0.00	30.07 -2.61 0.00	30.73 -2.95 0.00	26.72 -3.05 4.79	27.82 -2.50 2.94	28.84 -2.59 2.79	29.52 -2.74 3.93	28.11 -3.31 10.21	27.76 -2.98 8.55	26.14 -3.50 12.23	25.79 -2.74 6.52	27.71 -1.99 0.00
ESPRGFLD_115KV_TB1 80157	42.69 1.96 0.01	46.48 2.23 0.00	38.16 1.79 0.00	45.85 2.20 0.00	46.47 2.24 0.00	45.50 2.43 0.00	57.00 3.10 -0.29	48.42 2.82 0.00	76.61 4.25 0.00	37.80 1.87 0.02	32.34 1.69 0.00	33.41 1.71 0.00	37.13 1.87 0.00	34.48 1.79 0.00	35.35 1.67 0.00	35.22 1.62 0.96	34.36 1.68 0.59	35.53 1.87 0.56	37.45 2.04 0.79	41.94 2.35 2.04	39.67 2.09 1.71	41.61 2.17 2.45	35.51 1.77 1.31	31.12 1.42 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	40.81 0.10 0.02	44.38 0.12 0.00	36.42 0.06 0.00	43.79 0.14 0.00	44.41 0.17 0.00	43.53 0.46 0.00	56.06 0.87 -1.58	46.57 0.98 0.00	73.34 0.97 0.00	36.02 0.14 0.07	30.62 -0.04 0.00	31.58 -0.12 0.00	35.06 -0.19 0.00	32.50 -0.18 0.00	33.47 -0.21 0.00	30.38 -0.18 4.00	31.00 0.19 2.46	32.37 0.47 2.33	33.43 0.52 3.28	33.65 0.54 8.53	32.65 0.50 7.14	31.95 0.28 10.21	29.71 0.11 5.44	29.80 0.10 0.00
ETNA____115KV_TB2 80207	40.81 0.10 0.02	44.38 0.12 0.00	36.42 0.06 0.00	43.79 0.14 0.00	44.41 0.17 0.00	43.53 0.46 0.00	56.06 0.87 -1.58	46.57 0.98 0.00	73.34 0.97 0.00	36.02 0.14 0.07	30.62 -0.04 0.00	31.58 -0.12 0.00	35.06 -0.19 0.00	32.50 -0.18 0.00	33.47 -0.21 0.00	30.38 -0.18 4.00	31.00 0.19 2.46	32.37 0.47 2.33	33.43 0.52 3.28	33.65 0.54 8.53	32.65 0.50 7.14	31.95 0.28 10.21	29.71 0.11 5.44	29.80 0.10 0.00
EUCLID__115KV_TB2 356179	39.04 -1.66 0.03	42.44 -1.82 0.00	34.88 -1.49 0.00	41.86 -1.79 0.00	42.41 -1.82 0.00	41.53 -1.54 0.00	51.66 -1.91 0.04	44.16 -1.43 0.00	69.84 -2.53 0.01	34.49 -1.36 0.11	29.40 -1.25 0.00	30.37 -1.33 0.00	33.74 -1.52 0.00	31.26 -1.42 0.00	32.15 -1.53 0.00	27.94 -1.60 5.02	28.81 -1.37 3.08	29.98 -1.32 2.92	30.70 -1.37 4.12	29.30 -1.62 10.71	28.79 -1.54 8.96	27.30 -1.75 12.83	26.70 -1.51 6.83	28.47 -1.23 0.00
E_CANADA_CAP_HY 24051	42.98 2.25 0.00	46.80 2.55 0.00	38.43 2.06 0.00	46.15 2.50 0.00	46.76 2.53 0.00	45.70 2.62 0.00	56.85 3.25 0.00	48.55 2.95 0.00	76.91 4.54 0.00	37.83 1.89 0.02	32.47 1.82 0.00	33.53 1.83 0.00	37.32 2.06 0.00	34.69 2.01 0.00	35.60 1.92 0.00	35.73 1.86 0.69	34.76 1.92 0.42	35.87 2.05 0.40	37.84 2.22 0.57	42.70 2.54 1.48	40.32 2.27 1.23	42.58 2.47 1.77	36.13 2.04 0.94	31.33 1.64 0.00
E_CANADA_MHWK_HY 24050	41.01 0.28 0.00	44.31 0.05 0.00	36.44 0.07 0.00	43.74 0.09 0.00	44.46 0.23 0.00	43.65 0.58 0.00	55.25 1.65 0.00	47.19 1.60 0.00	74.05 1.68 0.00	36.34 0.39 0.00	30.48 -0.17 0.00	31.39 -0.31 0.00	34.83 -0.43 0.00	32.33 -0.36 0.00	33.54 -0.13 0.00	34.27 0.17 0.47	33.75 0.76 0.29	35.07 1.12 0.27	37.08 1.27 0.39	41.99 1.35 1.00	39.74 1.29 0.84	41.62 0.94 1.20	34.97 0.57 0.64	30.19 0.49 0.00
E_FISHKILL__LBMP 23776	42.32 1.59 0.00	45.68 1.43 0.00	37.57 1.20 0.00	45.07 1.42 0.00	45.70 1.47 0.00	44.88 1.81 0.00	56.48 2.87 0.00	48.27 2.68 0.00	76.26 3.89 0.00	37.69 1.73 0.00	31.91 1.26 0.00	33.06 1.36 0.00	36.64 1.38 0.00	33.88 1.20 0.00	34.98 1.29 0.00	35.52 1.48 0.52	34.67 1.72 0.32	36.02 2.11 0.30	38.08 2.32 0.43	43.04 2.53 1.11	40.66 2.30 0.93	42.52 1.98 1.33	35.93 1.60 0.71	31.06 1.35 0.00
FALCON__SEABRD_CC1 323796	43.35 2.62 0.00	47.47 3.22 0.00	38.99 2.62 0.00	46.74 3.09 0.00	47.17 2.94 0.00	45.59 2.52 0.00	55.67 2.06 0.00	46.83 1.24 0.00	75.44 3.07 0.00	37.04 1.09 0.00	32.07 1.42 0.00	33.22 1.52 0.00	37.16 1.90 0.00	34.56 1.88 0.00	35.74 2.06 0.00	36.12 1.87 0.31	34.48 1.40 0.19	35.09 1.06 0.18	37.20 1.26 0.26	42.16 1.20 0.67	39.85 1.12 0.56	42.70 1.63 0.80	35.97 1.36 0.43	31.31 1.61 0.00
FALCON__SEABRD_CC2 323797	43.35 2.62 0.00	47.47 3.22 0.00	38.99 2.62 0.00	46.74 3.09 0.00	47.17 2.94 0.00	45.59 2.52 0.00	55.67 2.06 0.00	46.83 1.24 0.00	75.44 3.07 0.00	37.04 1.09 0.00	32.07 1.42 0.00	33.22 1.52 0.00	37.16 1.90 0.00	34.56 1.88 0.00	35.74 2.06 0.00	36.12 1.87 0.31	34.48 1.40 0.19	35.09 1.06 0.18	37.20 1.26 0.26	42.16 1.20 0.67	39.85 1.12 0.56	42.70 1.63 0.80	35.97 1.36 0.43	31.31 1.61 0.00

FAR ROCKAWAY___4 23548	45.80 2.98 -2.10	48.18 2.92 -1.00	50.43 2.42 -11.64	46.51 2.86 0.00	47.09 2.86 0.00	46.28 3.21 0.00	58.10 4.50 0.00	49.39 3.79 0.00	78.06 5.65 -0.05	38.92 2.91 -0.06	32.93 2.28 0.00	34.15 2.46 0.00	37.87 2.61 0.00	34.99 2.31 0.00	38.41 2.51 -2.22	36.84 2.69 0.42	35.83 2.89 0.33	39.76 3.07 -2.47	39.13 3.38 0.44	44.91 3.81 0.54	42.09 3.76 0.96	43.88 3.37 1.38	37.08 2.78 0.73	37.03 2.33 -4.99
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	42.77 2.03 0.00	46.09 1.84 0.00	37.91 1.54 0.00	45.46 1.81 0.00	46.05 1.82 0.00	45.33 2.26 0.00	57.15 3.54 0.00	48.93 3.33 0.00	78.97 5.05 -1.55	40.34 2.44 -1.95	32.55 1.86 -0.03	33.71 2.00 -0.01	37.34 2.09 0.00	34.46 1.77 0.00	35.52 1.84 0.00	36.01 1.99 0.54	35.12 2.18 0.33	36.50 2.59 0.31	38.57 2.82 0.44	43.61 3.12 1.15	41.13 2.81 0.96	42.84 2.34 1.38	36.27 1.97 0.73	31.29 1.59 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	42.80 2.06 0.00	46.14 1.88 0.00	37.94 1.57 0.00	45.49 1.84 0.00	46.10 1.86 0.00	45.36 2.29 0.00	57.18 3.57 0.00	48.96 3.36 0.00	79.04 5.12 -1.55	40.35 2.45 -1.95	32.57 1.88 -0.03	33.74 2.03 -0.01	37.37 2.11 0.00	34.48 1.79 0.00	35.53 1.85 0.00	36.03 2.01 0.54	35.14 2.20 0.33	36.51 2.61 0.31	38.60 2.85 0.44	43.64 3.16 1.15	41.17 2.84 0.96	42.88 2.38 1.38	36.30 2.00 0.73	31.31 1.61 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	42.76 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.82 0.00	45.32 2.25 0.00	57.12 3.52 0.00	48.91 3.31 0.00	78.97 5.04 -1.55	40.31 2.41 -1.95	32.54 1.85 -0.03	33.70 2.00 -0.01	37.34 2.08 0.00	34.44 1.76 0.00	35.50 1.82 0.00	36.00 1.98 0.54	35.10 2.17 0.33	36.48 2.57 0.31	38.56 2.81 0.44	43.59 3.10 1.15	41.11 2.79 0.96	42.82 2.32 1.38	36.25 1.94 0.73	31.28 1.58 0.00
FARRAGUT___LBMP 323566	42.73 2.00 0.00	46.05 1.80 0.00	37.88 1.51 0.00	45.41 1.76 0.00	46.01 1.77 0.00	45.28 2.22 0.00	57.08 3.47 0.00	48.86 3.27 0.00	78.89 4.97 -1.55	40.28 2.38 -1.95	32.51 1.82 -0.03	33.68 1.96 -0.01	37.31 2.05 0.00	34.41 1.73 0.00	35.47 1.79 0.00	35.97 1.95 0.54	35.07 2.13 0.33	36.44 2.53 0.31	38.53 2.77 0.44	43.56 3.07 1.15	41.09 2.76 0.96	42.80 2.30 1.38	36.23 1.93 0.73	31.25 1.55 0.00
FENNER___WINDPWR 24204	41.15 0.44 0.02	44.70 0.44 0.00	36.73 0.35 0.00	44.10 0.45 0.00	44.72 0.49 0.00	43.82 0.75 0.00	55.37 1.19 -0.57	46.74 1.14 0.00	73.84 1.47 0.00	36.41 0.51 0.06	30.94 0.29 0.00	31.90 0.21 0.00	35.45 0.19 0.00	32.86 0.18 0.00	33.92 0.24 0.00	31.56 0.31 3.32	31.75 0.52 2.04	33.00 0.71 1.93	34.25 0.78 2.73	35.40 0.84 7.08	34.12 0.75 5.92	34.03 0.63 8.48	30.94 0.41 4.51	30.03 0.33 0.00
FIBERTEK___ENERGY 23856	39.65 -1.07 0.02	43.08 -1.17 0.00	35.36 -1.01 0.00	42.45 -1.20 0.00	43.02 -1.22 0.00	42.16 -0.91 0.00	53.55 -1.13 -1.07	44.82 -0.77 0.00	70.87 -1.50 0.00	35.02 -0.87 0.05	29.79 -0.86 0.00	30.76 -0.93 0.00	34.18 -1.08 0.00	31.68 -1.00 0.00	32.56 -1.12 0.00	28.29 -1.18 5.09	29.19 -0.95 3.12	30.41 -0.85 2.96	31.13 -0.89 4.18	29.70 -1.08 10.85	29.19 -1.02 9.08	27.67 -1.21 13.00	27.05 -1.07 6.92	28.84 -0.86 0.00
FITZPATRICK___ 23598	38.74 -1.99 0.00	42.08 -2.18 0.00	34.58 -1.79 0.00	41.49 -2.16 0.00	42.04 -2.20 0.00	41.08 -1.99 0.00	51.14 -2.47 0.01	43.64 -1.96 0.00	69.04 -3.33 0.00	34.20 -1.73 0.02	29.13 -1.52 0.00	30.10 -1.60 0.00	33.46 -1.80 0.00	30.99 -1.69 0.00	31.88 -1.80 0.00	25.51 -1.87 7.18	27.16 -1.70 4.41	28.35 -1.69 4.18	28.53 -1.77 5.90	24.26 -2.06 15.31	24.54 -1.94 12.81	21.41 -2.12 18.34	23.45 -1.82 9.77	28.21 -1.49 0.00
FLOWRFLD_69_KV_BK1 356044	46.27 3.44 -2.10	48.57 3.31 -1.00	50.77 2.76 -11.64	46.90 3.25 0.00	47.52 3.29 0.00	46.76 3.69 0.00	58.76 5.15 0.00	50.28 4.68 0.00	79.07 6.66 -0.05	39.11 3.10 -0.06	33.00 2.35 0.00	34.19 2.49 0.00	37.87 2.61 0.00	35.00 2.31 0.00	38.62 2.71 -2.22	37.12 2.97 0.42	36.15 3.21 0.33	40.39 3.70 -2.47	39.86 4.11 0.44	45.67 4.57 0.54	42.47 4.14 0.96	44.38 3.88 1.38	37.49 3.19 0.73	37.37 2.67 -4.99
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	42.82 2.09 0.00	46.23 1.97 0.00	38.02 1.64 0.00	45.62 1.97 0.00	46.26 2.03 0.00	45.45 2.38 0.00	57.25 3.65 0.00	48.97 3.37 0.00	77.26 4.89 0.00	38.11 2.15 0.00	32.26 1.61 0.00	33.40 1.70 0.00	37.00 1.74 0.00	34.22 1.54 0.00	35.34 1.66 0.00	35.91 1.87 0.53	35.11 2.17 0.33	36.51 2.60 0.31	38.63 2.87 0.44	43.64 3.14 1.14	41.22 2.87 0.95	43.09 2.57 1.36	36.38 2.07 0.72	31.42 1.72 0.00
FORT ORANGE___ 23900	41.31 0.58 0.00	44.66 0.40 0.00	36.75 0.38 0.00	44.02 0.37 0.00	44.70 0.47 0.00	43.74 0.67 0.00	54.95 1.35 0.00	46.74 1.15 0.00	73.78 1.41 0.00	36.42 0.47 0.00	30.81 0.16 0.00	31.82 0.12 0.00	35.29 0.03 0.00	32.74 0.05 0.00	33.85 0.17 0.00	34.60 0.44 0.40	33.79 0.77 0.24	35.00 1.01 0.23	36.94 1.07 0.33	41.90 1.12 0.85	39.62 1.04 0.71	41.71 0.85 1.02	35.08 0.58 0.54	30.29 0.59 0.00
FORT_DRUM_COGEN 23780	41.09 0.36 0.00	44.63 0.38 0.00	36.66 0.29 0.00	43.99 0.35 0.00	44.64 0.40 0.00	43.62 0.55 0.00	54.56 0.95 0.00	46.53 0.93 0.00	73.51 1.14 0.00	36.22 0.27 0.00	30.83 0.18 0.00	31.81 0.11 0.00	35.24 -0.02 0.00	32.81 0.13 0.00	33.89 0.21 0.00	31.72 0.28 3.13	31.81 0.47 1.93	33.04 0.64 1.82	34.27 0.65 2.57	35.66 0.71 6.68	34.26 0.56 5.59	34.37 0.50 8.00	31.03 0.26 4.26	29.89 0.19 0.00
FOX_HILLS___ESR 323835	42.92 2.18 0.00	46.28 2.03 0.00	38.10 1.72 0.00	45.64 2.00 0.00	46.21 1.97 0.00	45.49 2.42 0.00	57.15 3.54 0.00	48.94 3.34 0.00	79.29 5.09 -1.84	40.73 2.48 -2.31	32.57 1.88 -0.04	33.74 2.02 -0.01	37.34 2.08 0.00	34.40 1.72 0.00	35.42 1.74 0.00	35.91 1.89 0.54	35.06 2.13 0.33	36.42 2.52 0.31	38.53 2.77 0.44	43.66 3.17 1.15	41.00 2.84 1.13	42.22 2.35 2.01	36.33 2.03 0.73	31.34 1.64 0.00
FPL_FAR_ROCK_GT1 24212	45.80 2.98 -2.10	48.18 2.92 -1.00	50.43 2.42 -11.64	46.51 2.86 0.00	47.10 2.87 0.00	46.28 3.21 0.00	58.10 4.49 0.00	49.39 3.79 0.00	78.06 5.65 -0.05	38.92 2.91 -0.06	32.93 2.27 0.00	34.16 2.46 0.00	37.87 2.61 0.00	34.99 2.31 0.00	38.41 2.51 -2.22	36.83 2.69 0.42	35.82 2.89 0.33	39.76 3.07 -2.47	39.13 3.38 0.44	44.90 3.80 0.54	42.09 3.77 0.96	43.86 3.36 1.38	37.08 2.78 0.73	37.03 2.33 -4.99
FPL_FAR_ROCK_GT2 23815	45.80 2.98 -2.10	48.18 2.92 -1.00	50.43 2.42 -11.64	46.51 2.86 0.00	47.10 2.87 0.00	46.28 3.21 0.00	58.10 4.49 0.00	49.39 3.79 0.00	78.06 5.65 -0.05	38.92 2.91 -0.06	32.93 2.27 0.00	34.16 2.46 0.00	37.87 2.61 0.00	34.99 2.31 0.00	38.41 2.51 -2.22	36.83 2.69 0.42	35.82 2.89 0.33	39.76 3.07 -2.47	39.13 3.38 0.44	44.90 3.80 0.54	42.09 3.77 0.96	43.86 3.36 1.38	37.08 2.78 0.73	37.03 2.33 -4.99

FRANKLIN_FALL_HYD 24054	43.02 2.29 0.00	47.10 2.85 0.00	38.68 2.31 0.00	46.45 2.80 0.00	47.02 2.78 0.00	45.46 2.39 0.00	55.71 2.10 0.00	47.20 1.60 0.00	75.69 3.32 0.00	37.49 1.54 0.00	32.22 1.57 0.00	33.27 1.57 0.00	37.28 2.02 0.00	34.65 1.97 0.00	35.76 2.08 0.00	35.95 1.86 0.47	34.32 1.34 0.29	35.05 1.10 0.27	37.00 1.20 0.39	41.94 1.31 1.01	39.67 1.23 0.84	42.35 1.68 1.21	35.79 1.39 0.64	31.09 1.39 0.00
FREEPORT_EQUS_GT1 23764	45.60 2.77 -2.10	47.94 2.68 -1.00	50.24 2.23 -11.64	46.28 2.63 0.00	46.87 2.64 0.00	46.07 3.00 0.00	57.65 4.04 0.00	49.49 3.89 0.00	78.01 5.59 -0.05	38.69 2.68 -0.06	32.70 2.05 0.00	33.91 2.21 0.00	37.58 2.32 0.00	34.74 2.05 0.00	38.18 2.28 -2.22	36.60 2.45 0.42	35.61 2.67 0.33	39.87 3.18 -2.47	39.26 3.50 0.44	44.98 3.88 0.54	41.86 3.53 0.96	43.63 3.13 1.38	36.91 2.61 0.73	36.90 2.21 -4.99
FREEPORT___CT2 23818	45.60 2.77 -2.10	47.94 2.68 -1.00	50.24 2.23 -11.64	46.28 2.63 0.00	46.87 2.64 0.00	46.07 3.00 0.00	57.65 4.04 0.00	49.49 3.89 0.00	78.01 5.59 -0.05	38.69 2.68 -0.06	32.70 2.05 0.00	33.91 2.21 0.00	37.58 2.32 0.00	34.74 2.05 0.00	38.18 2.28 -2.22	36.60 2.45 0.42	35.61 2.67 0.33	39.87 3.18 -2.47	39.26 3.50 0.44	44.98 3.88 0.54	41.86 3.53 0.96	43.63 3.13 1.38	36.91 2.61 0.73	36.90 2.21 -4.99
FRESHKLS_33_KV_LOAD 356253	42.89 2.16 0.00	46.26 2.01 0.00	38.09 1.72 0.00	45.64 1.99 0.00	46.19 1.95 0.00	45.47 2.40 0.00	57.09 3.49 0.00	48.88 3.28 0.00	79.12 4.91 -1.84	40.66 2.40 -2.31	32.49 1.80 -0.04	33.66 1.94 -0.01	37.23 1.97 0.00	34.32 1.64 0.00	35.32 1.64 0.00	35.80 1.78 0.54	34.97 2.04 0.33	36.33 2.42 0.31	38.44 2.69 0.44	43.56 3.07 1.15	40.75 2.73 1.27	41.59 2.24 2.53	36.27 1.97 0.73	31.30 1.60 0.00
FULTON COGEN____ 23766	39.09 -1.65 -0.01	42.43 -1.82 0.00	34.87 -1.51 0.00	41.82 -1.83 0.00	42.35 -1.88 0.00	41.29 -1.78 0.00	52.05 -1.98 -0.42	44.09 -1.50 0.00	69.53 -2.84 0.00	34.36 -1.61 -0.02	29.36 -1.29 0.00	30.36 -1.34 0.00	33.71 -1.55 0.00	31.22 -1.46 0.00	32.09 -1.59 0.00	27.50 -1.68 5.38	28.49 -1.47 3.31	29.68 -1.40 3.13	30.29 -1.48 4.42	28.42 -1.73 11.49	28.02 -1.66 9.61	26.28 -1.85 13.76	26.13 -1.58 7.33	28.42 -1.28 0.00
FULTON___LFGE 323630	44.69 3.96 0.00	48.56 4.31 0.00	39.88 3.51 0.00	47.87 4.22 0.00	48.61 4.37 0.00	47.69 4.61 0.00	59.87 6.26 0.00	51.12 5.52 0.00	80.00 7.63 0.00	38.11 2.16 0.00	32.35 1.70 0.00	33.13 1.43 0.00	36.79 1.53 0.00	34.72 2.04 0.00	36.06 2.38 0.00	36.68 2.69 0.58	36.39 3.48 0.35	37.98 4.10 0.33	40.10 4.38 0.48	45.36 4.96 1.23	42.73 4.47 1.03	44.93 4.52 1.47	37.80 3.55 0.79	32.57 2.87 0.00
G.F.CEMENT___DRP 24184	41.71 0.97 0.00	45.23 0.98 0.00	37.22 0.85 0.00	44.61 0.97 0.00	45.39 1.15 0.00	44.57 1.50 0.00	56.12 2.51 0.00	47.87 2.28 0.00	75.27 2.90 0.00	36.85 0.90 0.00	31.16 0.51 0.00	32.13 0.43 0.00	35.68 0.42 0.00	33.12 0.44 0.00	34.45 0.77 0.00	35.39 1.21 0.38	34.69 1.65 0.24	35.77 1.77 0.22	37.80 1.92 0.31	42.87 2.05 0.82	40.35 1.74 0.68	42.41 1.51 0.98	35.56 1.05 0.52	30.68 0.98 0.00
GARDENVILLE___LBMP 24039	37.25 -3.44 0.05	40.88 -3.37 0.00	33.53 -2.84 0.00	40.35 -3.30 0.00	40.72 -3.51 0.00	39.93 -3.15 0.00	47.59 -5.12 0.90	41.73 -3.86 0.00	65.77 -6.59 0.01	32.36 -3.43 0.16	27.95 -2.70 0.00	28.88 -2.82 0.00	32.23 -3.03 0.00	29.96 -2.72 0.00	30.63 -3.05 0.00	26.52 -3.24 4.80	27.67 -2.65 2.95	28.68 -2.75 2.79	29.37 -2.88 3.95	27.91 -3.48 10.24	27.51 -3.21 8.57	25.87 -3.74 12.27	25.59 -2.91 6.54	27.61 -2.09 0.00
GARDNVLA_35_KV_LD 355827	37.36 -3.33 0.05	41.01 -3.25 0.00	33.63 -2.74 0.00	40.46 -3.19 0.00	40.83 -3.41 0.00	40.04 -3.03 0.00	47.82 -4.93 0.86	41.90 -3.69 0.00	66.05 -6.31 0.01	32.50 -3.30 0.16	28.07 -2.58 0.00	28.98 -2.72 0.00	32.36 -2.90 0.00	30.09 -2.59 0.00	30.75 -2.93 0.00	26.68 -3.10 4.78	27.83 -2.50 2.94	28.84 -2.60 2.78	29.55 -2.71 3.93	28.15 -3.29 10.20	27.73 -3.03 8.53	26.10 -3.56 12.22	25.76 -2.77 6.51	27.73 -1.97 0.00
GELCKHM___115KV_LOAD 80723	39.29 -1.41 0.03	42.70 -1.55 0.00	35.07 -1.30 0.00	42.09 -1.56 0.00	42.67 -1.57 0.00	41.81 -1.26 0.00	52.58 -1.58 -0.56	44.43 -1.17 0.00	70.30 -2.06 0.00	34.73 -1.13 0.09	29.56 -1.09 0.00	30.54 -1.16 0.00	33.92 -1.34 0.00	31.43 -1.25 0.00	32.32 -1.36 0.00	28.05 -1.43 5.08	28.95 -1.20 3.12	30.14 -1.13 2.95	30.84 -1.18 4.17	29.39 -1.40 10.84	28.89 -1.33 9.07	27.36 -1.54 12.98	26.79 -1.33 6.91	28.62 -1.08 0.00
GENERAL___MILLS 23808	37.32 -3.36 0.05	40.97 -3.29 0.00	33.59 -2.78 0.00	40.43 -3.22 0.00	40.80 -3.44 0.00	40.00 -3.07 0.00	47.73 -5.01 0.87	41.84 -3.75 0.00	65.93 -6.42 0.01	32.43 -3.36 0.16	28.03 -2.62 0.00	28.95 -2.75 0.00	32.31 -2.95 0.00	30.04 -2.64 0.00	30.70 -2.98 0.00	26.62 -3.16 4.79	27.77 -2.56 2.94	28.77 -2.66 2.79	29.49 -2.77 3.93	28.06 -3.36 10.21	27.64 -3.10 8.54	26.02 -3.62 12.23	25.69 -2.83 6.52	27.70 -2.00 0.00
GE_PLASTICS___DRP 24183	41.48 0.75 0.00	44.89 0.63 0.00	36.92 0.55 0.00	44.25 0.61 0.00	44.91 0.67 0.00	43.93 0.86 0.00	55.14 1.53 0.00	46.90 1.31 0.00	74.11 1.75 0.00	36.64 0.68 0.00	31.05 0.40 0.00	32.09 0.39 0.00	35.62 0.36 0.00	33.01 0.33 0.00	34.11 0.43 0.00	34.82 0.65 0.40	33.93 0.91 0.24	35.10 1.12 0.23	37.06 1.19 0.33	42.06 1.27 0.85	39.77 1.19 0.71	41.85 0.99 1.01	35.23 0.74 0.54	30.39 0.69 0.00
GILBOA___1 23756	41.56 0.84 0.00	45.00 0.75 0.00	37.00 0.62 0.00	44.38 0.74 0.00	45.02 0.78 0.00	44.06 0.99 0.00	55.24 1.64 0.00	46.94 1.34 0.00	74.21 1.84 0.00	36.80 0.86 0.02	31.25 0.60 0.00	32.32 0.61 0.00	35.87 0.61 0.00	33.22 0.54 0.00	34.28 0.60 0.00	34.61 0.73 0.69	33.79 0.94 0.42	34.92 1.10 0.40	36.86 1.23 0.57	41.56 1.40 1.47	39.35 1.29 1.23	41.20 1.08 1.76	34.94 0.84 0.94	30.45 0.75 0.00
GILBOA___2 23757	41.56 0.84 0.00	45.00 0.75 0.00	37.00 0.62 0.00	44.38 0.74 0.00	45.02 0.78 0.00	44.06 0.99 0.00	55.24 1.64 0.00	46.94 1.34 0.00	74.21 1.84 0.00	36.80 0.86 0.02	31.25 0.60 0.00	32.32 0.61 0.00	35.87 0.61 0.00	33.22 0.54 0.00	34.28 0.60 0.00	34.61 0.73 0.69	33.79 0.94 0.42	34.92 1.10 0.40	36.86 1.23 0.57	41.56 1.40 1.47	39.35 1.29 1.23	41.20 1.08 1.76	34.94 0.84 0.94	30.45 0.75 0.00
GILBOA___3 23758	41.56 0.84 0.00	45.00 0.75 0.00	37.00 0.62 0.00	44.38 0.74 0.00	45.02 0.78 0.00	44.06 0.99 0.00	55.24 1.64 0.00	46.94 1.34 0.00	74.21 1.84 0.00	36.80 0.86 0.02	31.25 0.60 0.00	32.32 0.61 0.00	35.87 0.61 0.00	33.22 0.54 0.00	34.28 0.60 0.00	34.61 0.73 0.69	33.79 0.94 0.42	34.92 1.10 0.40	36.86 1.23 0.57	41.56 1.40 1.47	39.35 1.29 1.23	41.20 1.08 1.76	34.94 0.84 0.94	30.45 0.75 0.00

GILBOA___4 23759	41.56 0.84 0.00	45.00 0.75 0.00	37.00 0.62 0.00	44.38 0.74 0.00	45.02 0.78 0.00	44.06 0.99 0.00	55.24 1.64 0.00	46.94 1.34 0.00	74.21 1.84 0.00	36.80 0.86 0.02	31.25 0.60 0.00	32.32 0.61 0.00	35.87 0.61 0.00	33.22 0.54 0.00	34.28 0.60 0.00	34.61 0.73 0.69	33.79 0.94 0.42	34.92 1.10 0.40	36.86 1.23 0.57	41.56 1.40 1.47	39.35 1.29 1.23	41.20 1.08 1.76	34.94 0.84 0.94	30.45 0.75 0.00
GILBOA____ 23599	41.56 0.84 0.00	45.00 0.75 0.00	37.00 0.63 0.00	44.39 0.74 0.00	45.02 0.78 0.00	44.06 0.99 0.00	55.24 1.64 0.00	46.94 1.34 0.00	74.21 1.84 0.00	36.80 0.86 0.02	31.25 0.60 0.00	32.32 0.62 0.00	35.87 0.61 0.00	33.22 0.54 0.00	34.28 0.60 0.00	34.61 0.73 0.69	33.79 0.95 0.42	34.93 1.11 0.40	36.86 1.23 0.57	41.57 1.40 1.47	39.36 1.30 1.23	41.20 1.08 1.76	34.94 0.84 0.94	30.45 0.75 0.00
GINNA____ 23603	36.78 -3.91 0.05	40.20 -4.06 0.00	32.99 -3.38 0.00	39.63 -4.02 0.00	40.12 -4.12 0.00	39.34 -3.73 0.00	45.94 -5.03 2.64	41.63 -3.96 0.00	65.78 -6.58 0.01	32.36 -3.43 0.16	27.75 -2.90 0.00	28.64 -3.06 0.00	31.86 -3.40 0.00	29.56 -3.12 0.00	30.38 -3.29 0.00	26.17 -3.34 5.05	27.21 -2.96 3.10	28.33 -2.96 2.94	28.93 -3.11 4.15	27.18 -3.68 10.77	26.83 -3.45 9.01	25.08 -3.89 12.91	24.92 -3.24 6.88	27.03 -2.67 0.00
GLEN PARK____ 23778	41.14 0.41 0.00	44.69 0.44 0.00	36.70 0.33 0.00	44.04 0.39 0.00	44.70 0.46 0.00	43.70 0.63 0.00	54.74 1.13 0.00	46.69 1.10 0.00	73.75 1.38 0.00	36.30 0.34 0.00	30.89 0.24 0.00	31.86 0.16 0.00	35.24 -0.02 0.00	32.82 0.14 0.00	33.92 0.24 0.00	31.66 0.36 3.26	31.83 0.56 2.00	33.09 0.77 1.90	34.31 0.79 2.68	35.55 0.87 6.96	34.18 0.71 5.82	34.17 0.62 8.33	30.94 0.34 4.44	29.93 0.23 0.00
GLENDALE_27_KV_LOAD 356172	42.99 2.25 0.00	46.32 2.06 0.00	38.11 1.74 0.00	45.67 2.02 0.00	46.28 2.04 0.00	45.57 2.49 0.00	57.40 3.80 0.00	49.19 3.60 0.00	79.68 5.48 -1.84	40.90 2.64 -2.31	32.72 2.02 -0.04	33.88 2.17 -0.01	37.52 2.26 0.00	34.56 1.88 0.00	35.62 1.94 0.00	36.11 2.08 0.54	35.23 2.29 0.33	36.61 2.70 0.31	38.70 2.95 0.44	43.82 3.33 1.15	41.32 2.99 0.96	43.03 2.53 1.38	36.41 2.10 0.73	31.40 1.69 0.00
GLENWOOD_IC_1_G5 23712	45.59 2.76 -2.10	47.90 2.64 -1.00	50.21 2.20 -11.64	46.26 2.61 0.00	46.86 2.63 0.00	46.02 2.95 0.00	57.45 3.84 0.00	49.18 3.59 0.00	77.55 5.14 -0.05	38.75 2.74 -0.06	32.76 2.11 0.00	33.98 2.28 0.00	37.68 2.42 0.00	34.81 2.13 0.00	38.24 2.34 -2.22	36.64 2.50 0.42	35.40 2.47 0.33	39.61 2.93 -2.47	38.98 3.23 0.44	44.66 3.57 0.54	41.58 3.25 0.96	43.34 2.84 1.38	36.91 2.61 0.73	36.93 2.24 -4.99
GLENWOOD_IC_2_G1 23688	45.46 2.64 -2.10	47.76 2.51 -1.00	50.10 2.09 -11.64	46.13 2.48 0.00	46.73 2.50 0.00	45.92 2.85 0.00	57.58 3.97 0.00	49.27 3.68 0.00	77.70 5.29 -0.05	38.63 2.62 -0.06	32.67 2.01 0.00	33.87 2.18 0.00	37.55 2.29 0.00	34.70 2.02 0.00	38.12 2.21 -2.22	36.52 2.37 0.42	35.47 2.53 0.33	39.67 2.98 -2.47	39.04 3.28 0.44	44.73 3.63 0.54	41.66 3.33 0.96	43.42 2.91 1.38	36.80 2.49 0.73	36.84 2.14 -4.99
GLENWOOD_IC_3_G1 23689	45.46 2.64 -2.10	47.76 2.51 -1.00	50.10 2.09 -11.64	46.13 2.48 0.00	46.73 2.50 0.00	45.92 2.85 0.00	57.58 3.97 0.00	49.27 3.68 0.00	77.70 5.29 -0.05	38.63 2.62 -0.06	32.67 2.01 0.00	33.87 2.18 0.00	37.55 2.29 0.00	34.70 2.02 0.00	38.12 2.21 -2.22	36.52 2.37 0.42	35.47 2.53 0.33	39.67 2.98 -2.47	39.04 3.28 0.44	44.73 3.63 0.54	41.66 3.33 0.96	43.42 2.91 1.38	36.80 2.49 0.73	36.84 2.14 -4.99
GLENWOOD___4 23550	45.59 2.76 -2.10	47.90 2.64 -1.00	50.21 2.20 -11.64	46.26 2.61 0.00	46.86 2.63 0.00	46.03 2.96 0.00	57.58 3.97 0.00	49.29 3.70 0.00	77.74 5.33 -0.05	38.75 2.74 -0.06	32.76 2.11 0.00	33.98 2.28 0.00	37.68 2.42 0.00	34.81 2.13 0.00	38.24 2.34 -2.22	36.65 2.50 0.42	35.48 2.55 0.33	39.70 3.01 -2.47	39.06 3.31 0.44	44.76 3.67 0.54	41.67 3.35 0.96	43.44 2.94 1.38	36.91 2.61 0.73	36.93 2.24 -4.99
GLENWOOD___5 23614	45.59 2.76 -2.10	47.90 2.64 -1.00	50.21 2.20 -11.64	46.26 2.61 0.00	46.86 2.63 0.00	46.03 2.96 0.00	57.58 3.97 0.00	49.29 3.70 0.00	77.74 5.33 -0.05	38.75 2.74 -0.06	32.76 2.11 0.00	33.98 2.28 0.00	37.68 2.42 0.00	34.81 2.13 0.00	38.24 2.34 -2.22	36.65 2.50 0.42	35.48 2.55 0.33	39.70 3.01 -2.47	39.06 3.31 0.44	44.76 3.67 0.54	41.67 3.35 0.96	43.44 2.94 1.38	36.91 2.61 0.73	36.93 2.24 -4.99
GLOBAL GREEN_PORT_GT1 23814	46.89 4.06 -2.10	49.28 4.02 -1.00	51.50 3.48 -11.64	47.59 3.94 0.00	48.45 4.22 0.00	47.91 4.83 0.00	60.29 6.68 0.00	51.48 5.88 0.00	80.58 8.16 -0.05	39.74 3.73 -0.06	33.50 2.85 0.00	34.74 3.05 0.00	38.34 3.08 0.00	35.36 2.68 0.00	39.03 3.12 -2.22	37.70 3.56 0.42	36.83 3.89 0.33	41.28 4.59 -2.47	40.83 5.08 0.44	46.86 5.76 0.54	43.69 5.36 0.96	45.56 5.06 1.38	38.44 4.14 0.73	38.18 3.49 -4.99
GLOBE___DSASP 323697	35.91 -4.77 0.05	39.72 -4.54 0.00	32.58 -3.79 0.00	39.18 -4.47 0.00	39.54 -4.69 0.00	38.74 -4.33 0.00	45.38 -7.17 1.06	39.62 -5.98 0.00	62.60 -9.76 0.01	30.84 -4.95 0.16	26.67 -3.98 0.00	27.55 -4.15 0.00	30.77 -4.49 0.00	28.63 -4.05 0.00	29.48 -4.21 0.00	25.17 -4.52 4.86	26.25 -4.03 2.99	27.20 -4.19 2.83	27.79 -4.41 4.00	26.00 -5.26 10.37	25.71 -4.90 8.68	24.03 -5.42 12.43	24.20 -4.22 6.62	26.67 -3.03 0.00
GOETHSLN___LBMP 323567	42.52 1.79 0.00	45.83 1.57 0.00	37.69 1.32 0.00	45.19 1.54 0.00	45.78 1.55 0.00	45.06 1.99 0.00	53.24 3.19 3.56	45.60 3.00 2.99	76.53 4.57 0.41	40.13 2.23 -1.95	32.38 1.69 -0.03	33.54 1.83 -0.01	37.15 1.90 0.00	34.28 1.60 0.00	35.34 1.66 0.00	35.83 1.81 0.54	34.94 2.00 0.33	36.31 2.41 0.31	38.38 2.63 0.44	43.37 2.89 1.15	40.59 2.57 1.27	41.43 2.10 2.54	36.07 1.76 0.73	31.13 1.43 0.00
GOLAH___69_KV_TB 1_2 80279	38.30 -2.38 0.05	41.90 -2.36 0.00	34.38 -1.99 0.00	41.33 -2.32 0.00	41.81 -2.42 0.00	41.00 -2.07 0.00	48.69 -3.30 1.61	43.23 -2.36 0.00	68.26 -4.10 0.01	33.58 -2.21 0.17	28.82 -1.83 0.00	29.72 -1.99 0.00	33.09 -2.17 0.00	30.71 -1.98 0.00	31.56 -2.12 0.00	27.36 -2.19 5.02	28.44 -1.75 3.08	29.58 -1.72 2.92	30.32 -1.75 4.12	28.78 -2.15 10.70	28.33 -2.01 8.96	26.64 -2.41 12.82	26.26 -1.95 6.83	28.25 -1.46 0.00
GOODYEAR_LAKE_HYD 323669	42.20 1.47 0.01	45.84 1.59 0.00	37.66 1.29 0.00	45.23 1.58 0.00	45.89 1.66 0.00	44.97 1.90 0.00	56.74 2.68 -0.45	48.04 2.44 0.00	75.88 3.52 0.00	37.48 1.55 0.03	31.90 1.25 0.00	32.98 1.28 0.00	36.60 1.34 0.00	33.93 1.25 0.00	34.86 1.19 0.00	34.32 1.23 1.48	33.76 1.40 0.91	34.99 1.63 0.86	36.78 1.80 1.21	40.54 2.05 3.15	38.50 1.85 2.63	39.84 1.73 3.77	34.42 1.39 2.01	30.83 1.14 0.00

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.29 -0.43 0.02	43.81 -0.44 0.00	35.96 -0.41 0.00	43.25 -0.40 0.00	43.81 -0.43 0.00	42.89 -0.18 0.00	54.63 0.05 -0.97	45.83 0.23 0.00	72.18 -0.19 0.00	35.62 -0.28 0.06	30.34 -0.31 0.00	31.35 -0.35 0.00	34.82 -0.44 0.00	32.28 -0.40 0.00	33.13 -0.55 0.00	30.81 -0.53 3.22	31.12 -0.16 1.98	32.32 -0.02 1.88	33.52 -0.03 2.65	34.70 -0.06 6.87	33.49 -0.05 5.75	33.36 -0.28 8.23	30.35 -0.30 4.39	29.47 -0.23 0.00
GOUDEY___7 23579	40.33 -0.39 0.02	43.85 -0.40 0.00	36.00 -0.37 0.00	43.29 -0.36 0.00	43.84 -0.39 0.00	42.93 -0.14 0.00	54.68 0.11 -0.97	45.88 0.28 0.00	72.24 -0.12 0.00	35.65 -0.24 0.06	30.36 -0.29 0.00	31.37 -0.33 0.00	34.84 -0.41 0.00	32.31 -0.37 0.00	33.16 -0.52 0.00	30.84 -0.50 3.22	31.16 -0.13 1.98	32.36 0.01 1.88	33.55 0.01 2.65	34.75 -0.01 6.87	33.52 -0.01 5.75	33.40 -0.24 8.23	30.38 -0.27 4.39	29.50 -0.20 0.00
GOUDEY___8 23580	40.29 -0.43 0.02	43.81 -0.44 0.00	35.96 -0.41 0.00	43.25 -0.40 0.00	43.81 -0.43 0.00	42.89 -0.18 0.00	54.63 0.05 -0.97	45.83 0.23 0.00	72.18 -0.19 0.00	35.62 -0.28 0.06	30.34 -0.31 0.00	31.35 -0.35 0.00	34.82 -0.44 0.00	32.28 -0.40 0.00	33.13 -0.55 0.00	30.81 -0.53 3.22	31.12 -0.16 1.98	32.32 -0.02 1.88	33.52 -0.03 2.65	34.70 -0.06 6.87	33.49 -0.05 5.75	33.36 -0.28 8.23	30.35 -0.30 4.39	29.47 -0.23 0.00
GOWANUS_GT1_1 24077	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT1_2 24078	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT1_3 24079	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT1_4 24080	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT1_5 24084	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT1_6 24111	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT1_7 24112	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT1_8 24113	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT2_1 24114	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT2_2 24115	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT2_3 24116	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT2_4 24117	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00

GOWANUS_GT2_5 24118	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT2_6 24119	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT2_7 24120	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT2_8 24121	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT3_1 24122	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT3_2 24123	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT3_3 24124	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT3_4 24125	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT3_5 24126	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT3_6 24127	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT3_7 24128	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT3_8 24129	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
GOWANUS_GT4_1 24130	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT4_2 24131	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT4_3 24132	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00

GOWANUS_GT4_4 24133	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT4_5 24134	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT4_6 24135	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT4_7 24136	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GOWANUS_GT4_8 24137	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GREENBSH_115KV_TB3 55895	41.27 0.54 0.00	44.62 0.36 0.00	36.73 0.35 0.00	43.98 0.33 0.00	44.66 0.42 0.00	43.68 0.61 0.00	54.91 1.30 0.00	46.70 1.10 0.00	73.78 1.41 0.00	36.47 0.52 0.00	30.88 0.23 0.00	31.91 0.21 0.00	35.39 0.13 0.00	32.82 0.14 0.00	33.94 0.26 0.00	34.67 0.50 0.39	33.82 0.80 0.24	34.99 1.00 0.23	36.92 1.05 0.32	41.88 1.09 0.85	39.61 1.03 0.71	41.66 0.80 1.01	35.06 0.55 0.54	30.27 0.57 0.00
GREENDGE_115KV_TB5 80291	39.77 -0.93 0.03	43.34 -0.92 0.00	35.57 -0.81 0.00	42.77 -0.88 0.00	43.30 -0.94 0.00	42.48 -0.59 0.00	60.08 -0.42 -6.89	45.59 -0.01 0.00	71.63 -0.74 0.00	35.30 -0.55 0.10	30.11 -0.54 0.00	30.99 -0.71 0.00	34.22 -1.04 0.00	31.78 -0.90 0.00	32.46 -1.22 0.00	29.41 -0.86 4.29	30.16 -0.47 2.64	31.57 -0.16 2.50	32.46 -0.21 3.53	32.22 -0.26 9.16	31.33 -0.30 7.66	30.44 -0.47 10.97	28.65 -0.54 5.84	29.17 -0.53 0.00
GREENIDGE___3 23582	39.77 -0.93 0.03	43.34 -0.92 0.00	35.57 -0.81 0.00	42.77 -0.88 0.00	43.30 -0.94 0.00	42.48 -0.59 0.00	60.08 -0.42 -6.89	45.59 -0.01 0.00	71.63 -0.74 0.00	35.30 -0.55 0.10	30.11 -0.54 0.00	30.99 -0.71 0.00	34.22 -1.04 0.00	31.78 -0.90 0.00	32.46 -1.22 0.00	29.41 -0.86 4.29	30.16 -0.47 2.64	31.57 -0.16 2.50	32.46 -0.21 3.53	32.22 -0.26 9.16	31.33 -0.30 7.66	30.44 -0.47 10.97	28.65 -0.54 5.84	29.17 -0.53 0.00
GREENIDGE___4 23583	39.77 -0.93 0.03	43.34 -0.91 0.00	35.57 -0.80 0.00	42.77 -0.88 0.00	43.30 -0.94 0.00	42.48 -0.59 0.00	60.08 -0.42 -6.89	45.59 -0.01 0.00	71.63 -0.74 0.00	35.30 -0.55 0.10	30.11 -0.54 0.00	30.99 -0.71 0.00	34.22 -1.04 0.00	31.78 -0.90 0.00	32.46 -1.22 0.00	29.41 -0.86 4.29	30.16 -0.47 2.64	31.57 -0.16 2.50	32.45 -0.22 3.53	32.21 -0.26 9.16	31.34 -0.29 7.66	30.45 -0.45 10.97	28.66 -0.53 5.84	29.17 -0.53 0.00
GREENLWN_69_KV_BK 3 55738	45.49 2.66 -2.10	47.77 2.51 -1.00	50.13 2.12 -11.64	46.15 2.50 0.00	46.71 2.47 0.00	45.85 2.78 0.00	57.53 3.92 0.00	49.16 3.56 0.00	77.45 5.04 -0.05	38.45 2.45 -0.06	32.53 1.88 0.00	33.75 2.05 0.00	37.42 2.16 0.00	34.57 1.89 0.00	38.07 2.17 -2.22	36.46 2.32 0.42	35.41 2.47 0.33	39.63 2.94 -2.47	38.99 3.24 0.44	44.71 3.61 0.54	41.60 3.27 0.96	43.32 2.82 1.38	36.71 2.40 0.73	36.75 2.05 -4.99
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.00 2.27 0.00	46.36 2.11 0.00	38.14 1.77 0.00	45.71 2.07 0.00	46.29 2.05 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.58 5.37 -1.84	40.86 2.60 -2.31	32.69 2.00 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.03 0.54	35.20 2.26 0.33	36.57 2.66 0.31	38.68 2.93 0.44	43.82 3.33 1.15	41.32 3.00 0.96	43.01 2.51 1.38	36.44 2.13 0.73	31.42 1.72 0.00
GRISSOM___SOLAR 323813	44.69 3.96 0.00	48.56 4.31 0.00	39.88 3.51 0.00	47.87 4.22 0.00	48.61 4.37 0.00	47.69 4.61 0.00	59.87 6.26 0.00	51.12 5.52 0.00	80.00 7.63 0.00	38.11 2.16 0.00	32.35 1.70 0.00	33.13 1.43 0.00	36.79 1.53 0.00	34.72 2.04 0.00	36.06 2.38 0.00	36.68 2.69 0.58	36.39 3.48 0.35	37.98 4.10 0.33	40.10 4.38 0.48	45.36 4.96 1.23	42.73 4.47 1.03	44.93 4.52 1.47	37.80 3.55 0.79	32.57 2.87 0.00
GROVEVILLE___HYD 323602	42.82 2.09 0.00	46.23 1.97 0.00	38.02 1.64 0.00	45.62 1.97 0.00	46.26 2.03 0.00	45.45 2.38 0.00	57.25 3.65 0.00	48.97 3.37 0.00	77.26 4.89 0.00	38.11 2.15 0.00	32.26 1.61 0.00	33.40 1.70 0.00	37.00 1.74 0.00	34.22 1.54 0.00	35.34 1.66 0.00	35.91 1.87 0.53	35.11 2.17 0.33	36.51 2.60 0.31	38.63 2.87 0.44	43.64 3.14 1.14	41.22 2.87 0.95	43.09 2.57 1.36	36.38 2.07 0.72	31.42 1.72 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.65 -1.07 0.02	43.08 -1.17 0.00	35.36 -1.01 0.00	42.45 -1.20 0.00	43.02 -1.22 0.00	42.16 -0.91 0.00	53.55 -1.13 -1.07	44.82 -0.77 0.00	70.87 -1.50 0.00	35.02 -0.87 0.05	29.79 -0.86 0.00	30.76 -0.93 0.00	34.18 -1.08 0.00	31.68 -1.00 0.00	32.56 -1.12 0.00	28.29 -1.18 5.09	29.19 -0.95 3.12	30.41 -0.85 2.96	31.13 -0.89 4.18	29.70 -1.08 10.85	29.19 -1.02 9.08	27.67 -1.21 13.00	27.05 -1.07 6.92	28.84 -0.86 0.00
HAMLTNNY_34_KV_TB 80303	39.72 -1.00 0.02	43.16 -1.10 0.00	35.45 -0.92 0.00	42.56 -1.09 0.00	43.15 -1.08 0.00	42.33 -0.74 0.00	54.02 -0.90 -1.32	45.03 -0.57 0.00	71.17 -1.19 0.00	35.16 -0.75 0.05	29.88 -0.77 0.00	30.85 -0.85 0.00	34.25 -1.01 0.00	31.77 -0.91 0.00	32.61 -1.07 0.00	28.36 -1.10 5.10	29.30 -0.84 3.13	30.54 -0.72 2.97	31.27 -0.73 4.19	29.83 -0.93 10.88	29.35 -0.84 9.10	27.77 -1.08 13.03	27.12 -0.98 6.94	28.94 -0.76 0.00

HAMPSHIRE___PAPER_HYD 323593	41.23 0.49 0.00	44.95 0.70 0.00	36.93 0.56 0.00	44.33 0.68 0.00	44.92 0.68 0.00	43.54 0.47 0.00	53.88 0.27 0.00	45.79 0.20 0.00	72.84 0.47 0.00	36.12 0.17 0.00	30.86 0.20 0.00	31.88 0.18 0.00	35.59 0.34 0.00	33.11 0.43 0.00	34.18 0.51 0.00	33.39 0.34 1.51	32.49 0.14 0.93	33.44 0.10 0.88	35.00 0.05 1.24	38.48 0.08 3.23	36.62 0.03 2.70	38.17 0.16 3.87	33.06 0.08 2.06	29.86 0.16 0.00
HARDSCRABBLE_WT_PWR 323673	41.04 0.31 0.00	44.39 0.13 0.00	36.50 0.13 0.00	43.81 0.16 0.00	44.52 0.28 0.00	43.65 0.58 0.00	55.07 1.46 0.00	47.04 1.45 0.00	73.95 1.58 0.00	36.38 0.43 0.00	30.62 -0.03 0.00	31.56 -0.14 0.00	35.03 -0.23 0.00	32.49 -0.19 0.00	33.67 -0.02 0.00	34.34 0.25 0.47	33.70 0.72 0.29	34.95 1.00 0.27	36.95 1.14 0.39	41.86 1.22 1.00	39.61 1.15 0.84	41.55 0.86 1.20	34.95 0.55 0.64	30.18 0.47 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.50 1.77 0.00	45.85 1.60 0.00	37.69 1.32 0.00	45.27 1.62 0.00	45.89 1.66 0.00	45.07 2.00 0.00	56.78 3.17 0.00	48.58 2.99 0.00	76.64 4.27 0.00	37.80 1.85 0.00	32.01 1.35 0.00	33.18 1.49 0.00	36.78 1.52 0.00	33.99 1.31 0.00	35.05 1.37 0.00	35.55 1.56 0.57	34.76 1.85 0.35	36.20 2.31 0.33	38.30 2.57 0.47	43.20 2.79 1.22	40.83 2.56 1.02	42.64 2.22 1.46	36.07 1.80 0.78	31.17 1.48 0.00
HARSNRAD_115KV_TB1 81005	36.62 -4.07 0.05	40.20 -4.05 0.00	33.00 -3.38 0.00	39.68 -3.97 0.00	40.04 -4.20 0.00	39.28 -3.79 0.00	46.34 -6.14 1.13	40.85 -4.74 0.00	64.47 -7.89 0.01	31.73 -4.06 0.16	27.41 -3.24 0.00	28.28 -3.42 0.00	31.55 -3.71 0.00	29.35 -3.33 0.00	30.06 -3.62 0.00	25.89 -3.79 4.88	27.03 -3.24 3.00	28.04 -3.34 2.84	28.70 -3.49 4.01	27.03 -4.19 10.41	26.69 -3.89 8.71	24.98 -4.43 12.47	24.95 -3.44 6.65	27.21 -2.48 0.00
HARZA MOOSE___RIVER 24016	41.62 0.89 0.01	45.21 0.96 0.00	37.14 0.77 0.00	44.59 0.94 0.00	45.25 1.02 0.00	44.23 1.16 0.00	55.29 1.69 0.01	47.11 1.51 0.00	74.52 2.15 0.00	36.75 0.82 0.02	31.27 0.62 0.00	32.29 0.59 0.00	35.89 0.63 0.00	33.31 0.62 0.00	34.42 0.74 0.00	33.65 0.82 1.72	33.15 0.94 1.06	34.32 1.10 1.00	35.93 1.15 1.42	39.23 1.28 3.68	37.34 1.13 3.08	38.56 1.08 4.41	33.48 0.79 2.35	30.34 0.64 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.21 -1.50 0.03	42.60 -1.65 0.00	34.99 -1.38 0.00	42.01 -1.64 0.00	42.58 -1.66 0.00	41.70 -1.37 0.00	51.91 -1.66 0.03	44.39 -1.21 0.00	70.19 -2.18 0.00	34.65 -1.21 0.10	29.52 -1.13 0.00	30.49 -1.21 0.00	33.88 -1.38 0.00	31.39 -1.29 0.00	32.27 -1.41 0.00	28.21 -1.47 4.88	29.04 -1.23 3.00	30.22 -1.16 2.84	30.97 -1.21 4.01	29.79 -1.44 10.41	29.21 -1.37 8.71	27.83 -1.58 12.47	27.03 -1.37 6.64	28.59 -1.11 0.00
HELLGATE_13_KV_LD 55870	42.81 2.08 0.00	46.14 1.88 0.00	37.96 1.59 0.00	45.49 1.84 0.00	46.10 1.86 0.00	45.38 2.31 0.00	57.17 3.56 0.00	48.97 3.37 0.00	79.33 5.12 -1.84	40.70 2.45 -2.31	32.55 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.43 1.75 0.00	35.91 1.89 0.54	35.04 2.10 0.33	36.41 2.51 0.31	38.50 2.75 0.44	43.57 3.08 1.15	41.10 2.77 0.96	42.80 2.30 1.38	36.22 1.92 0.73	31.24 1.54 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	42.81 2.08 0.00	46.14 1.88 0.00	37.96 1.59 0.00	45.49 1.84 0.00	46.10 1.86 0.00	45.38 2.31 0.00	57.17 3.56 0.00	48.97 3.37 0.00	79.33 5.12 -1.84	40.70 2.45 -2.31	32.55 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.43 1.75 0.00	35.91 1.89 0.54	35.04 2.10 0.33	36.41 2.51 0.31	38.50 2.75 0.44	43.57 3.08 1.15	41.10 2.77 0.96	42.80 2.30 1.38	36.22 1.92 0.73	31.24 1.54 0.00
HEMPSTEAD____ 23647	45.43 2.60 -2.10	47.74 2.48 -1.00	50.08 2.07 -11.64	46.10 2.46 0.00	46.70 2.47 0.00	45.88 2.81 0.00	57.52 3.91 0.00	49.26 3.66 0.00	77.66 5.24 -0.05	38.58 2.57 -0.06	32.61 1.96 0.00	33.82 2.12 0.00	37.50 2.24 0.00	34.65 1.97 0.00	38.08 2.18 -2.22	36.48 2.34 0.42	35.44 2.50 0.33	39.67 2.98 -2.47	39.03 3.28 0.44	44.72 3.62 0.54	41.63 3.30 0.96	43.38 2.88 1.38	36.77 2.46 0.73	36.79 2.10 -4.99
HEWLETT__69_KV_BK3 55828	45.62 2.79 -2.10	47.97 2.71 -1.00	50.26 2.25 -11.64	46.31 2.66 0.00	46.89 2.65 0.00	46.06 2.99 0.00	57.83 4.22 0.00	49.29 3.69 0.00	77.81 5.39 -0.05	38.74 2.73 -0.06	32.78 2.13 0.00	34.00 2.30 0.00	37.71 2.45 0.00	34.84 2.15 0.00	38.25 2.35 -2.22	36.67 2.53 0.42	35.65 2.71 0.33	39.69 3.00 -2.47	39.06 3.31 0.44	44.80 3.70 0.54	41.87 3.55 0.96	43.65 3.15 1.38	36.91 2.60 0.73	36.87 2.18 -4.99
HICKLING___1 23621	39.97 -0.74 0.03	43.57 -0.68 0.00	35.73 -0.64 0.00	43.03 -0.62 0.00	43.50 -0.74 0.00	42.64 -0.44 0.00	55.75 -0.04 -2.19	45.89 0.29 0.00	71.77 -0.60 0.00	35.39 -0.48 0.08	30.23 -0.42 0.00	31.19 -0.51 0.00	34.58 -0.68 0.00	32.06 -0.63 0.00	32.76 -0.92 0.00	29.86 -0.88 3.83	30.65 -0.05 2.35	31.95 -0.05 2.23	32.92 -0.13 3.15	33.35 -0.12 8.17	32.34 -0.12 6.83	31.64 -0.45 9.78	29.27 -0.56 5.21	29.17 -0.53 0.00
HICKLING___2 23622	39.97 -0.74 0.03	43.57 -0.68 0.00	35.73 -0.64 0.00	43.03 -0.62 0.00	43.50 -0.74 0.00	42.64 -0.44 0.00	55.75 -0.04 -2.19	45.89 0.29 0.00	71.77 -0.60 0.00	35.39 -0.48 0.08	30.23 -0.42 0.00	31.19 -0.51 0.00	34.58 -0.68 0.00	32.06 -0.63 0.00	32.76 -0.92 0.00	29.86 -0.88 3.83	30.65 -0.05 2.35	31.95 -0.05 2.23	32.92 -0.13 3.15	33.35 -0.12 8.17	32.34 -0.12 6.83	31.64 -0.45 9.78	29.27 -0.56 5.21	29.17 -0.53 0.00
HIGH FALLS___HY 23754	42.87 2.14 0.00	46.23 1.98 0.00	38.02 1.65 0.00	45.66 2.02 0.00	46.30 2.06 0.00	45.54 2.47 0.00	57.38 3.78 0.00	49.16 3.57 0.00	77.55 5.18 0.00	38.13 2.18 0.00	32.17 1.52 0.00	33.27 1.57 0.00	36.58 1.33 0.00	33.83 1.14 0.00	34.85 1.17 0.00	35.45 1.43 0.54	34.71 1.77 0.33	36.27 2.36 0.31	38.46 2.71 0.44	43.50 3.01 1.15	41.30 2.97 0.96	43.15 2.64 1.37	36.44 2.13 0.73	31.43 1.73 0.00
HILLBURN___GT 23639	42.43 1.70 0.00	45.74 1.49 0.00	37.59 1.22 0.00	45.15 1.50 0.00	45.79 1.56 0.00	44.97 1.90 0.00	56.67 3.06 0.00	48.52 2.92 0.00	76.54 4.18 0.00	37.77 1.82 0.00	31.98 1.33 0.00	33.19 1.49 0.00	36.80 1.54 0.00	33.99 1.30 0.00	35.02 1.35 0.00	35.50 1.50 0.56	34.68 1.75 0.35	36.13 2.24 0.33	38.22 2.49 0.46	43.12 2.69 1.20	40.74 2.46 1.01	42.54 2.10 1.44	36.01 1.73 0.77	31.13 1.42 0.00
HILLSIDE_115KV_TB1 80332	39.29 -1.42 0.02	42.85 -1.41 0.00	35.13 -1.24 0.00	42.31 -1.33 0.00	42.79 -1.45 0.00	41.92 -1.15 0.00	54.62 -1.01 -2.02	45.05 -0.55 0.00	70.50 -1.87 0.00	34.79 -1.08 0.08	29.71 -0.94 0.00	30.68 -1.02 0.00	34.04 -1.22 0.00	31.59 -1.10 0.00	32.26 -1.42 0.00	29.37 -1.43 3.77	30.12 -0.83 2.32	31.33 -0.70 2.19	32.25 -0.84 3.10	32.66 -0.93 8.04	31.71 -0.85 6.73	31.05 -1.20 9.63	28.77 -1.14 5.13	28.72 -0.98 0.00

HISHELDN_WT_PWR 323625	37.02 -3.66 0.05	40.63 -3.63 0.00	33.37 -3.00 0.00	40.09 -3.56 0.00	40.41 -3.83 0.00	39.69 -3.38 0.00	47.19 -5.47 0.94	41.45 -4.15 0.00	65.38 -6.98 0.01	32.12 -3.67 0.16	27.79 -2.86 0.00	28.71 -2.99 0.00	32.05 -3.21 0.00	29.78 -2.91 0.00	30.49 -3.19 0.00	26.44 -3.31 4.82	27.52 -2.80 2.96	28.53 -2.89 2.80	29.19 -3.05 3.96	27.69 -3.67 10.28	27.35 -3.34 8.60	25.67 -3.89 12.31	25.41 -3.07 6.56	27.42 -2.29 0.00
HOLTSVILLE_IC_1 23690	46.00 3.17 -2.10	48.30 3.04 -1.00	50.57 2.56 -11.64	46.66 3.01 0.00	47.27 3.03 0.00	46.50 3.43 0.00	58.39 4.78 0.00	49.93 4.34 0.00	78.52 6.10 -0.05	38.86 2.85 -0.06	32.81 2.16 0.00	34.02 2.32 0.00	37.67 2.41 0.00	34.82 2.14 0.00	38.38 2.47 -2.22	36.86 2.71 0.42	35.90 2.97 0.33	40.22 3.53 -2.47	39.66 3.91 0.44	45.44 4.35 0.54	42.27 3.94 0.96	44.03 3.52 1.38	37.25 2.95 0.73	37.19 2.49 -4.99
HOLTSVILLE_IC_10 23699	46.27 3.44 -2.10	48.57 3.32 -1.00	50.79 2.78 -11.64	46.93 3.28 0.00	47.57 3.33 0.00	46.81 3.74 0.00	58.80 5.19 0.00	50.29 4.70 0.00	79.07 6.66 -0.05	39.10 3.09 -0.06	32.99 2.34 0.00	34.19 2.49 0.00	37.87 2.61 0.00	34.99 2.30 0.00	38.58 2.68 -2.22	37.10 2.95 0.42	36.15 3.22 0.33	40.48 3.79 -2.47	39.93 4.18 0.44	45.75 4.66 0.54	42.55 4.22 0.96	44.37 3.87 1.38	37.50 3.20 0.73	37.39 2.69 -4.99
HOLTSVILLE_IC_2 23691	46.00 3.17 -2.10	48.30 3.04 -1.00	50.57 2.56 -11.64	46.66 3.01 0.00	47.27 3.03 0.00	46.50 3.43 0.00	58.39 4.78 0.00	49.93 4.34 0.00	78.52 6.10 -0.05	38.86 2.85 -0.06	32.81 2.16 0.00	34.02 2.32 0.00	37.67 2.41 0.00	34.82 2.14 0.00	38.38 2.47 -2.22	36.86 2.71 0.42	35.90 2.97 0.33	40.22 3.53 -2.47	39.66 3.91 0.44	45.44 4.35 0.54	42.27 3.94 0.96	44.03 3.52 1.38	37.25 2.95 0.73	37.19 2.49 -4.99
HOLTSVILLE_IC_3 23692	46.00 3.17 -2.10	48.30 3.04 -1.00	50.57 2.56 -11.64	46.66 3.01 0.00	47.27 3.03 0.00	46.50 3.43 0.00	58.39 4.78 0.00	49.93 4.34 0.00	78.52 6.10 -0.05	38.86 2.85 -0.06	32.81 2.16 0.00	34.02 2.32 0.00	37.67 2.41 0.00	34.82 2.14 0.00	38.38 2.47 -2.22	36.86 2.71 0.42	35.90 2.97 0.33	40.22 3.53 -2.47	39.66 3.91 0.44	45.44 4.35 0.54	42.27 3.94 0.96	44.03 3.52 1.38	37.25 2.95 0.73	37.19 2.49 -4.99
HOLTSVILLE_IC_4 23693	46.00 3.17 -2.10	48.30 3.04 -1.00	50.57 2.56 -11.64	46.66 3.01 0.00	47.27 3.03 0.00	46.50 3.43 0.00	58.39 4.78 0.00	49.93 4.34 0.00	78.52 6.10 -0.05	38.86 2.85 -0.06	32.81 2.16 0.00	34.02 2.32 0.00	37.67 2.41 0.00	34.82 2.14 0.00	38.38 2.47 -2.22	36.86 2.71 0.42	35.90 2.97 0.33	40.22 3.53 -2.47	39.66 3.91 0.44	45.44 4.35 0.54	42.27 3.94 0.96	44.03 3.52 1.38	37.25 2.95 0.73	37.19 2.49 -4.99
HOLTSVILLE_IC_5 23694	46.00 3.17 -2.10	48.30 3.04 -1.00	50.57 2.56 -11.64	46.66 3.01 0.00	47.27 3.03 0.00	46.50 3.43 0.00	58.39 4.78 0.00	49.93 4.34 0.00	78.52 6.10 -0.05	38.86 2.85 -0.06	32.81 2.16 0.00	34.02 2.32 0.00	37.67 2.41 0.00	34.82 2.14 0.00	38.38 2.47 -2.22	36.86 2.71 0.42	35.90 2.97 0.33	40.22 3.53 -2.47	39.66 3.91 0.44	45.44 4.35 0.54	42.27 3.94 0.96	44.03 3.52 1.38	37.25 2.95 0.73	37.19 2.49 -4.99
HOLTSVILLE_IC_6 23695	46.27 3.44 -2.10	48.57 3.32 -1.00	50.79 2.78 -11.64	46.93 3.28 0.00	47.57 3.33 0.00	46.81 3.74 0.00	58.80 5.19 0.00	50.29 4.70 0.00	79.07 6.66 -0.05	39.10 3.09 -0.06	32.99 2.34 0.00	34.19 2.49 0.00	37.87 2.61 0.00	34.99 2.30 0.00	38.58 2.68 -2.22	37.10 2.95 0.42	36.15 3.22 0.33	40.48 3.79 -2.47	39.93 4.18 0.44	45.75 4.66 0.54	42.55 4.22 0.96	44.37 3.87 1.38	37.50 3.20 0.73	37.39 2.69 -4.99
HOLTSVILLE_IC_7 23696	46.27 3.44 -2.10	48.57 3.32 -1.00	50.79 2.78 -11.64	46.93 3.28 0.00	47.57 3.33 0.00	46.81 3.74 0.00	58.80 5.19 0.00	50.29 4.70 0.00	79.07 6.66 -0.05	39.10 3.09 -0.06	32.99 2.34 0.00	34.19 2.49 0.00	37.87 2.61 0.00	34.99 2.30 0.00	38.58 2.68 -2.22	37.10 2.95 0.42	36.15 3.22 0.33	40.48 3.79 -2.47	39.93 4.18 0.44	45.75 4.66 0.54	42.55 4.22 0.96	44.37 3.87 1.38	37.50 3.20 0.73	37.39 2.69 -4.99
HOLTSVILLE_IC_8 23697	46.27 3.44 -2.10	48.57 3.32 -1.00	50.79 2.78 -11.64	46.93 3.28 0.00	47.57 3.33 0.00	46.81 3.74 0.00	58.80 5.19 0.00	50.29 4.70 0.00	79.07 6.66 -0.05	39.10 3.09 -0.06	32.99 2.34 0.00	34.19 2.49 0.00	37.87 2.61 0.00	34.99 2.30 0.00	38.58 2.68 -2.22	37.10 2.95 0.42	36.15 3.22 0.33	40.48 3.79 -2.47	39.93 4.18 0.44	45.75 4.66 0.54	42.55 4.22 0.96	44.37 3.87 1.38	37.50 3.20 0.73	37.39 2.69 -4.99
HOLTSVILLE_IC_9 23698	46.27 3.44 -2.10	48.57 3.32 -1.00	50.79 2.78 -11.64	46.93 3.28 0.00	47.57 3.33 0.00	46.81 3.74 0.00	58.80 5.19 0.00	50.29 4.70 0.00	79.07 6.66 -0.05	39.10 3.09 -0.06	32.99 2.34 0.00	34.19 2.49 0.00	37.87 2.61 0.00	34.99 2.30 0.00	38.58 2.68 -2.22	37.10 2.95 0.42	36.15 3.22 0.33	40.48 3.79 -2.47	39.93 4.18 0.44	45.75 4.66 0.54	42.55 4.22 0.96	44.37 3.87 1.38	37.50 3.20 0.73	37.39 2.69 -4.99
HOMER_HL_115KV_TB2 355744	38.61 -2.08 0.04	42.27 -1.98 0.00	34.62 -1.75 0.00	41.77 -1.88 0.00	42.17 -2.06 0.00	41.11 -1.96 0.00	50.41 -3.15 0.05	43.49 -2.10 0.00	68.10 -4.26 0.01	33.43 -2.38 0.14	28.88 -1.78 0.00	30.05 -1.65 0.00	33.45 -1.81 0.00	30.96 -1.72 0.00	31.59 -2.09 0.00	27.55 -2.43 4.58	28.76 -1.69 2.82	29.73 -1.82 2.67	30.55 -1.87 3.77	29.42 -2.44 9.77	28.97 -2.15 8.18	27.62 -2.55 11.71	26.90 -1.91 6.24	28.36 -1.35 0.00
HOWARD_WT_PWR 323690	40.70 0.00 0.03	44.28 0.02 0.00	36.32 -0.06 0.00	43.66 0.01 0.00	44.06 -0.18 0.00	43.14 0.07 0.00	56.53 0.66 -2.26	46.68 1.08 0.00	72.98 0.62 0.01	36.19 0.34 0.10	30.83 0.18 0.00	31.67 -0.03 0.00	35.03 -0.23 0.00	32.42 -0.26 0.00	33.20 -0.48 0.00	30.10 -0.30 4.17	31.08 0.37 2.56	32.54 0.74 2.42	33.60 0.83 3.42	33.72 0.97 8.88	32.73 0.88 7.43	31.69 0.46 10.64	29.40 0.04 5.67	29.54 -0.16 0.00
HQ_GEN_CEDARS 23644	41.55 0.82 0.00	45.43 1.18 0.00	37.33 0.95 0.00	44.80 1.15 0.00	45.36 1.12 0.00	43.79 0.71 0.00	53.77 0.16 0.00	45.54 -0.05 0.00	72.93 0.56 0.00	36.45 0.49 0.00	31.26 0.60 0.00	32.35 0.65 0.00	36.35 1.09 0.00	33.79 1.11 0.00	34.81 1.13 0.00	34.86 0.73 0.43	33.23 0.23 0.25	33.93 -0.04 0.25	35.71 -0.13 0.35	40.67 -0.05 0.92	38.51 -0.01 0.77	41.13 0.35 1.10	34.81 0.36 0.59	30.05 0.35 0.00
HQ_GEN_CEDARS_PROXY 323590	41.55 0.82 0.00	45.43 1.18 0.00	37.33 0.95 0.00	44.80 1.15 0.00	46.67 1.12 -1.31	43.77 0.72 0.02	53.77 0.16 0.00	45.54 -0.05 0.00	72.93 0.56 0.00	36.45 0.49 0.00	31.26 0.60 0.00	32.35 0.65 0.00	36.35 1.09 0.00	33.79 1.11 0.00	34.81 1.13 0.00	34.86 0.73 0.43	33.23 0.22 0.26	33.93 -0.04 0.25	35.71 -0.13 0.35	40.67 -0.05 0.92	38.50 -0.02 0.77	41.12 0.34 1.10	34.81 0.36 0.59	30.05 0.35 0.00

HQ_GEN_IMPORT 323601	39.54 0.35 1.54	44.82 0.57 0.00	36.82 0.45 0.00	44.21 0.56 0.00	44.76 0.53 0.00	43.27 0.20 0.00	44.30 -0.20 9.11	45.26 -0.34 0.00	71.36 -0.07 0.94	36.01 0.19 0.13	30.98 0.33 0.00	32.06 0.36 0.00	35.76 0.50 0.00	33.19 0.51 0.00	34.19 0.51 0.00	34.96 0.39 0.00	33.33 0.06 0.00	34.06 -0.16 0.00	35.97 -0.22 0.00	41.44 -0.17 0.02	39.16 -0.13 0.00	42.05 0.17 0.00	35.25 0.21 0.00	29.84 0.13 0.00
HQ_GEN_WHEEL 23651	39.54 0.35 1.54	44.82 0.57 0.00	36.82 0.45 0.00	44.21 0.56 0.00	44.76 0.53 0.00	43.27 0.20 0.00	44.30 -0.20 9.11	45.26 -0.34 0.00	71.36 -0.07 0.94	36.01 0.19 0.13	30.98 0.33 0.00	32.06 0.36 0.00	35.76 0.50 0.00	33.19 0.51 0.00	34.19 0.51 0.00	34.96 0.39 0.00	33.33 0.06 0.00	34.06 -0.16 0.00	35.97 -0.22 0.00	41.44 -0.17 0.02	39.16 -0.13 0.00	42.05 0.17 0.00	35.25 0.21 0.00	29.84 0.13 0.00
HUDSON AVE_GT_3 23810	42.81 2.08 0.00	46.14 1.88 0.00	37.95 1.58 0.00	45.50 1.85 0.00	46.10 1.86 0.00	45.37 2.30 0.00	57.19 3.59 0.00	48.97 3.38 0.00	79.04 5.12 -1.55	40.38 2.48 -1.95	32.58 1.90 -0.03	33.75 2.04 -0.01	37.38 2.12 0.00	34.49 1.81 0.00	35.55 1.87 0.00	36.04 2.02 0.54	35.15 2.22 0.33	36.53 2.63 0.31	38.62 2.87 0.44	43.66 3.17 1.15	41.19 2.86 0.96	42.89 2.39 1.38	36.31 2.01 0.73	31.32 1.62 0.00
HUDSON AVE_GT_4 23540	42.81 2.08 0.00	46.14 1.88 0.00	37.95 1.58 0.00	45.50 1.85 0.00	46.10 1.86 0.00	45.37 2.30 0.00	57.19 3.59 0.00	48.97 3.38 0.00	79.04 5.12 -1.55	40.38 2.48 -1.95	32.58 1.90 -0.03	33.75 2.04 -0.01	37.38 2.12 0.00	34.49 1.81 0.00	35.55 1.87 0.00	36.04 2.02 0.54	35.15 2.22 0.33	36.53 2.63 0.31	38.62 2.87 0.44	43.66 3.17 1.15	41.19 2.86 0.96	42.89 2.39 1.38	36.31 2.01 0.73	31.32 1.62 0.00
HUDSON AVE_GT_5 23657	42.81 2.08 0.00	46.14 1.88 0.00	37.95 1.58 0.00	45.50 1.85 0.00	46.10 1.86 0.00	45.37 2.30 0.00	57.19 3.59 0.00	48.97 3.38 0.00	79.04 5.12 -1.55	40.38 2.48 -1.95	32.58 1.90 -0.03	33.75 2.04 -0.01	37.38 2.12 0.00	34.49 1.81 0.00	35.55 1.87 0.00	36.04 2.02 0.54	35.15 2.22 0.33	36.53 2.63 0.31	38.62 2.87 0.44	43.66 3.17 1.15	41.19 2.86 0.96	42.89 2.39 1.38	36.31 2.01 0.73	31.32 1.62 0.00
HUDSON_AVE_10 24168	42.68 1.95 0.00	45.99 1.74 0.00	37.83 1.46 0.00	45.37 1.72 0.00	45.96 1.73 0.00	45.25 2.18 0.00	57.11 3.50 0.00	48.89 3.29 0.00	78.90 4.98 -1.55	40.28 2.38 -1.95	32.49 1.80 -0.03	33.64 1.93 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.45 1.77 0.00	35.95 1.92 0.54	35.06 2.13 0.33	36.43 2.53 0.31	38.53 2.78 0.44	43.56 3.07 1.15	41.09 2.76 0.96	42.80 2.30 1.38	36.22 1.92 0.73	31.25 1.55 0.00
HUDSON___115KV_TB 4 355613	42.17 1.44 0.00	45.63 1.37 0.00	37.53 1.15 0.00	44.95 1.31 0.00	45.68 1.44 0.00	44.73 1.66 0.00	56.27 2.66 0.00	47.87 2.28 0.00	75.35 2.98 0.00	36.97 1.01 0.00	31.21 0.56 0.00	32.16 0.46 0.00	35.69 0.43 0.00	33.14 0.45 0.00	34.25 0.57 0.00	35.09 0.94 0.41	34.48 1.46 0.25	35.78 1.80 0.24	37.76 1.90 0.34	42.83 2.08 0.88	40.48 1.93 0.74	42.56 1.74 1.06	35.76 1.29 0.56	30.86 1.16 0.00
HUNTER MOUNT___DRP 323613	42.55 1.82 0.00	46.07 1.82 0.00	37.89 1.51 0.00	45.39 1.74 0.00	46.13 1.90 0.00	45.18 2.11 0.00	56.84 3.24 0.00	48.35 2.75 0.00	76.02 3.65 0.00	37.14 1.19 0.00	31.31 0.66 0.00	32.23 0.53 0.00	35.81 0.55 0.00	33.27 0.59 0.00	34.41 0.73 0.00	35.30 1.17 0.43	34.78 1.78 0.27	36.11 2.14 0.25	38.08 2.25 0.36	43.17 2.46 0.93	40.78 2.26 0.77	42.88 2.11 1.11	36.00 1.55 0.59	31.10 1.40 0.00
HUNTINGTON_RES_REC 323705	45.83 3.00 -2.10	48.11 2.85 -1.00	50.40 2.39 -11.64	46.47 2.82 0.00	47.07 2.84 0.00	46.25 3.18 0.00	58.07 4.46 0.00	49.65 4.06 0.00	78.13 5.72 -0.05	38.71 2.70 -0.06	32.70 2.04 0.00	33.89 2.19 0.00	37.55 2.29 0.00	34.71 2.03 0.00	38.27 2.37 -2.22	36.70 2.56 0.42	35.71 2.77 0.33	39.98 3.29 -2.47	39.39 3.64 0.44	45.15 4.06 0.54	41.99 3.67 0.96	43.78 3.28 1.38	37.05 2.74 0.73	37.02 2.33 -4.99
HUNTLEY___63 23557	36.97 -3.71 0.05	40.67 -3.59 0.00	33.39 -2.98 0.00	40.13 -3.52 0.00	40.52 -3.72 0.00	39.75 -3.32 0.00	46.99 -5.59 1.03	41.18 -4.41 0.00	64.98 -7.38 0.01	32.00 -3.79 0.16	27.66 -2.99 0.00	28.54 -3.16 0.00	31.84 -3.42 0.00	29.61 -3.07 0.00	30.40 -3.28 0.00	26.19 -3.53 4.85	27.30 -2.99 2.98	28.33 -3.07 2.82	29.02 -3.20 3.98	27.43 -3.87 10.34	27.04 -3.61 8.65	25.38 -4.12 12.38	25.25 -3.19 6.60	27.44 -2.27 0.00
HUNTLEY___64 23558	36.97 -3.71 0.05	40.67 -3.59 0.00	33.39 -2.98 0.00	40.13 -3.52 0.00	40.52 -3.72 0.00	39.75 -3.32 0.00	46.99 -5.59 1.03	41.18 -4.41 0.00	64.98 -7.38 0.01	32.00 -3.79 0.16	27.66 -2.99 0.00	28.54 -3.16 0.00	31.84 -3.42 0.00	29.61 -3.07 0.00	30.40 -3.28 0.00	26.19 -3.53 4.85	27.30 -2.99 2.98	28.33 -3.07 2.82	29.02 -3.20 3.98	27.43 -3.87 10.34	27.04 -3.61 8.65	25.38 -4.12 12.38	25.25 -3.19 6.60	27.44 -2.27 0.00
HUNTLEY___65 23559	36.97 -3.71 0.05	40.67 -3.59 0.00	33.39 -2.98 0.00	40.13 -3.52 0.00	40.52 -3.72 0.00	39.75 -3.32 0.00	46.99 -5.59 1.03	41.18 -4.41 0.00	64.98 -7.38 0.01	32.00 -3.79 0.16	27.66 -2.99 0.00	28.54 -3.16 0.00	31.84 -3.42 0.00	29.61 -3.07 0.00	30.40 -3.28 0.00	26.19 -3.53 4.85	27.30 -2.99 2.98	28.33 -3.07 2.82	29.02 -3.20 3.98	27.43 -3.87 10.34	27.04 -3.61 8.65	25.38 -4.12 12.38	25.25 -3.19 6.60	27.44 -2.27 0.00
HUNTLEY___66 23560	36.97 -3.71 0.05	40.67 -3.59 0.00	33.39 -2.98 0.00	40.13 -3.52 0.00	40.52 -3.72 0.00	39.75 -3.32 0.00	46.99 -5.59 1.03	41.18 -4.41 0.00	64.98 -7.38 0.01	32.00 -3.79 0.16	27.66 -2.99 0.00	28.54 -3.16 0.00	31.84 -3.42 0.00	29.61 -3.07 0.00	30.40 -3.28 0.00	26.19 -3.53 4.85	27.30 -2.99 2.98	28.33 -3.07 2.82	29.02 -3.20 3.98	27.43 -3.87 10.34	27.04 -3.61 8.65	25.38 -4.12 12.38	25.25 -3.19 6.60	27.44 -2.27 0.00
HUNTLEY___67 23561	36.77 -3.91 0.05	40.43 -3.83 0.00	33.15 -3.22 0.00	39.88 -3.77 0.00	40.24 -3.99 0.00	39.44 -3.63 0.00	46.80 -5.83 0.97	41.08 -4.51 0.00	64.81 -7.54 0.01	31.91 -3.89 0.16	27.56 -3.09 0.00	28.48 -3.22 0.00	31.80 -3.46 0.00	29.57 -3.12 0.00	30.27 -3.41 0.00	26.12 -3.61 4.83	27.24 -3.07 2.97	28.22 -3.19 2.81	28.89 -3.33 3.97	27.32 -4.00 10.31	26.96 -3.71 8.63	25.30 -4.23 12.35	25.17 -3.29 6.58	27.31 -2.39 0.00
HUNTLEY___68 23562	36.77 -3.91 0.05	40.43 -3.83 0.00	33.15 -3.22 0.00	39.88 -3.77 0.00	40.24 -3.99 0.00	39.44 -3.63 0.00	46.80 -5.83 0.97	41.08 -4.51 0.00	64.81 -7.54 0.01	31.91 -3.89 0.16	27.56 -3.09 0.00	28.48 -3.22 0.00	31.80 -3.46 0.00	29.57 -3.12 0.00	30.27 -3.41 0.00	26.12 -3.61 4.83	27.24 -3.07 2.97	28.22 -3.19 2.81	28.89 -3.33 3.97	27.32 -4.00 10.31	26.96 -3.71 8.63	25.30 -4.23 12.35	25.17 -3.29 6.58	27.31 -2.39 0.00

HYLAND___LFGE 323620	39.97 -0.73 0.04	43.44 -0.82 0.00	35.67 -0.71 0.00	42.85 -0.80 0.00	43.33 -0.91 0.00	42.66 -0.42 0.00	54.22 -0.27 -0.88	46.09 0.50 0.00	71.86 -0.51 0.01	35.87 0.04 0.13	30.09 -0.56 0.00	30.83 -0.87 0.00	34.20 -1.05 0.00	31.65 -1.03 0.00	32.66 -1.02 0.00	29.39 -0.71 4.47	30.02 -0.51 2.74	32.46 0.84 2.60	33.83 1.31 3.67	33.56 1.45 9.53	32.63 1.31 7.98	31.15 0.69 11.42	29.01 0.05 6.08	29.41 -0.30 0.00
INDECK___CORINTH 23802	41.04 0.31 0.00	44.50 0.24 0.00	36.61 0.24 0.00	43.90 0.25 0.00	44.64 0.41 0.00	43.83 0.76 0.00	55.19 1.58 0.00	47.07 1.48 0.00	74.06 1.69 0.00	36.29 0.34 0.00	30.70 0.04 0.00	31.65 -0.05 0.00	35.17 -0.09 0.00	32.65 -0.04 0.00	33.91 0.23 0.00	34.80 0.62 0.38	34.08 1.05 0.24	35.16 1.16 0.22	37.17 1.29 0.31	42.15 1.33 0.82	39.66 1.06 0.68	41.69 0.79 0.98	34.97 0.45 0.52	30.17 0.46 0.00
INDECK___ILION 23567	41.04 0.30 0.00	44.44 0.19 0.00	36.54 0.17 0.00	43.84 0.20 0.00	44.52 0.28 0.00	43.55 0.48 0.00	54.70 1.10 0.00	46.62 1.03 0.00	73.56 1.19 0.00	36.32 0.37 0.00	30.71 0.06 0.00	31.71 0.01 0.00	35.22 -0.04 0.00	32.67 -0.02 0.00	33.77 0.10 0.00	34.36 0.27 0.47	33.55 0.57 0.29	34.71 0.77 0.27	36.66 0.85 0.39	41.56 0.92 1.00	39.33 0.87 0.84	41.35 0.67 1.20	34.84 0.44 0.64	30.07 0.37 0.00
INDECK___OLEAN 23982	38.60 -2.09 0.04	42.29 -1.97 0.00	34.64 -1.73 0.00	41.76 -1.88 0.00	42.16 -2.08 0.00	41.11 -1.97 0.00	50.41 -3.15 0.05	43.49 -2.11 0.00	68.13 -4.23 0.01	33.42 -2.39 0.14	28.87 -1.78 0.00	30.05 -1.65 0.00	33.45 -1.81 0.00	30.96 -1.73 0.00	31.60 -2.08 0.00	27.62 -2.36 4.58	28.78 -1.68 2.82	29.77 -1.78 2.67	30.57 -1.85 3.77	29.44 -2.42 9.77	29.03 -2.08 8.18	27.68 -2.49 11.71	26.94 -1.86 6.24	28.36 -1.35 0.00
INDECK___OSWEGO 23783	38.99 -1.77 -0.02	42.30 -1.95 0.00	34.72 -1.65 0.00	41.48 -2.17 0.00	41.90 -2.33 0.00	40.87 -2.21 0.00	51.54 -2.58 -0.51	43.55 -2.05 0.00	68.81 -3.57 0.00	34.15 -1.89 -0.08	29.20 -1.45 0.00	30.24 -1.47 0.00	33.58 -1.68 0.00	31.09 -1.59 0.00	31.94 -1.74 0.00	27.29 -1.84 5.44	28.26 -1.67 3.34	29.43 -1.62 3.16	30.02 -1.71 4.47	28.03 -2.00 11.60	27.69 -1.89 9.71	25.92 -2.06 13.90	25.89 -1.74 7.40	28.29 -1.41 0.00
INDECK___YERKES 23781	37.01 -3.67 0.05	40.73 -3.52 0.00	33.44 -2.93 0.00	40.17 -3.48 0.00	40.55 -3.69 0.00	39.81 -3.27 0.00	47.06 -5.52 1.03	41.23 -4.36 0.00	65.07 -7.28 0.01	32.03 -3.77 0.16	27.70 -2.95 0.00	28.58 -3.12 0.00	31.88 -3.38 0.00	29.64 -3.04 0.00	30.44 -3.24 0.00	26.30 -3.42 4.85	27.36 -2.93 2.98	28.40 -3.00 2.82	29.07 -3.14 3.98	27.51 -3.79 10.34	27.17 -3.47 8.65	25.51 -3.99 12.38	25.35 -3.10 6.60	27.46 -2.24 0.00
INDIAN POINT_GT_1 24139	42.46 1.73 0.00	45.80 1.54 0.00	37.65 1.28 0.00	45.19 1.54 0.00	45.81 1.58 0.00	45.01 1.94 0.00	56.69 3.08 0.00	48.51 2.91 0.00	76.63 4.23 -0.03	37.88 1.88 -0.04	32.04 1.39 0.00	33.23 1.53 0.00	36.83 1.57 0.00	34.02 1.34 0.00	35.09 1.41 0.00	35.59 1.58 0.55	34.76 1.83 0.33	36.17 2.26 0.32	38.25 2.51 0.45	43.28 2.80 1.16	40.85 2.53 0.97	42.61 2.13 1.40	36.05 1.75 0.74	31.14 1.44 0.00
INDIAN POINT_GT_2 23659	42.46 1.73 0.00	45.80 1.54 0.00	37.65 1.28 0.00	45.19 1.54 0.00	45.81 1.58 0.00	45.01 1.94 0.00	56.69 3.08 0.00	48.51 2.91 0.00	76.63 4.23 -0.03	37.88 1.88 -0.04	32.04 1.39 0.00	33.23 1.53 0.00	36.83 1.57 0.00	34.02 1.34 0.00	35.09 1.41 0.00	35.59 1.58 0.55	34.76 1.83 0.33	36.17 2.26 0.32	38.25 2.51 0.45	43.28 2.80 1.16	40.85 2.53 0.97	42.61 2.13 1.40	36.05 1.75 0.74	31.14 1.44 0.00
INDIAN POINT_GT_3 24019	42.46 1.73 0.00	45.80 1.54 0.00	37.65 1.28 0.00	45.19 1.54 0.00	45.81 1.58 0.00	45.01 1.94 0.00	56.69 3.08 0.00	48.51 2.91 0.00	76.63 4.23 -0.03	37.88 1.88 -0.04	32.04 1.39 0.00	33.23 1.53 0.00	36.83 1.57 0.00	34.02 1.34 0.00	35.09 1.41 0.00	35.59 1.58 0.55	34.76 1.83 0.33	36.17 2.26 0.32	38.25 2.51 0.45	43.28 2.80 1.16	40.85 2.53 0.97	42.61 2.13 1.40	36.05 1.75 0.74	31.14 1.44 0.00
INDIAN POINT___2 23530	42.40 1.67 0.00	45.71 1.46 0.00	37.59 1.22 0.00	45.14 1.49 0.00	45.76 1.52 0.00	44.94 1.87 0.00	56.61 3.00 0.00	48.45 2.85 0.00	76.52 4.12 -0.03	37.81 1.81 -0.04	31.98 1.33 0.00	33.17 1.48 0.00	36.77 1.52 0.00	33.97 1.29 0.00	35.03 1.35 0.00	35.51 1.50 0.55	34.68 1.75 0.34	36.10 2.20 0.32	38.17 2.43 0.45	43.09 2.64 1.18	40.71 2.40 0.98	42.52 2.05 1.41	35.98 1.69 0.75	31.10 1.40 0.00
INDIAN POINT___3 23531	42.42 1.69 0.00	45.75 1.50 0.00	37.62 1.25 0.00	45.15 1.50 0.00	45.79 1.55 0.00	44.97 1.90 0.00	56.64 3.03 0.00	48.46 2.87 0.00	76.56 4.16 -0.03	37.84 1.85 -0.04	32.01 1.36 0.00	33.20 1.50 0.00	36.80 1.55 0.00	34.00 1.32 0.00	35.06 1.38 0.00	35.56 1.54 0.55	34.72 1.79 0.33	36.13 2.23 0.32	38.21 2.47 0.45	43.15 2.68 1.16	40.76 2.44 0.97	42.58 2.09 1.40	36.01 1.72 0.74	31.12 1.42 0.00
INGHAM_C_115KV_TB7 356103	41.01 0.28 0.00	44.31 0.05 0.00	36.44 0.07 0.00	43.74 0.09 0.00	44.46 0.22 0.00	43.65 0.58 0.00	55.26 1.65 0.00	47.19 1.60 0.00	74.05 1.68 0.00	36.34 0.38 0.00	30.48 -0.17 0.00	31.39 -0.31 0.00	34.83 -0.43 0.00	32.32 -0.36 0.00	33.54 -0.13 0.00	34.27 0.18 0.47	33.75 0.77 0.29	35.07 1.12 0.27	37.08 1.27 0.39	41.99 1.35 1.00	39.75 1.29 0.84	41.63 0.94 1.20	34.97 0.57 0.64	30.19 0.49 0.00
IP CORINTH___1 23988	41.27 0.54 0.00	44.75 0.49 0.00	36.82 0.45 0.00	44.14 0.49 0.00	44.91 0.67 0.00	44.07 1.00 0.00	55.49 1.88 0.00	47.33 1.74 0.00	74.44 2.08 0.00	36.50 0.54 0.00	30.86 0.21 0.00	31.83 0.13 0.00	35.36 0.10 0.00	32.81 0.13 0.00	34.10 0.41 0.00	35.00 0.82 0.38	34.26 1.23 0.24	35.35 1.36 0.22	37.37 1.49 0.31	42.37 1.56 0.82	39.89 1.28 0.68	41.94 1.04 0.98	35.17 0.66 0.52	30.33 0.63 0.00
IP___TICONDEROGA 23804	42.52 1.80 0.00	46.32 2.06 0.00	38.23 1.86 0.00	45.73 2.08 0.00	46.67 2.43 0.00	46.19 3.12 0.00	58.24 4.64 0.00	49.80 4.20 0.00	77.81 5.44 0.00	37.84 1.89 0.00	31.96 1.31 0.00	32.96 1.26 0.00	36.40 1.14 0.00	33.97 1.28 0.00	35.86 2.18 0.00	36.81 2.63 0.38	36.29 3.26 0.24	37.10 3.10 0.22	39.16 3.28 0.31	44.38 3.56 0.82	41.40 2.79 0.68	43.55 2.65 0.98	36.40 1.88 0.52	31.62 1.92 0.00
ISLIP_RES_REC 323679	46.44 3.60 -2.10	48.75 3.49 -1.00	50.94 2.93 -11.64	47.11 3.46 0.00	47.75 3.51 0.00	47.02 3.95 0.00	59.06 5.45 0.00	50.53 4.94 0.00	79.44 7.02 -0.05	39.25 3.24 -0.06	33.12 2.47 0.00	34.32 2.62 0.00	38.01 2.75 0.00	35.12 2.43 0.00	38.73 2.82 -2.22	37.27 3.12 0.42	36.32 3.38 0.33	40.67 3.98 -2.47	40.14 4.39 0.44	45.99 4.89 0.54	42.75 4.42 0.96	44.58 4.08 1.38	37.66 3.36 0.73	37.51 2.81 -4.99

JAMAICA__27_KV_LOAD 355505	42.91 2.18 0.00	46.22 1.96 0.00	38.04 1.67 0.00	45.63 1.98 0.00	46.23 1.99 0.00	45.55 2.48 0.00	57.65 4.04 0.00	49.37 3.77 0.00	79.58 5.66 -1.55	40.56 2.67 -1.95	32.68 1.99 -0.03	33.79 2.08 -0.01	37.47 2.21 0.00	34.53 1.85 0.00	35.64 1.96 0.00	36.17 2.15 0.54	35.33 2.39 0.33	36.70 2.80 0.31	38.85 3.10 0.44	43.94 3.45 1.15	41.46 3.14 0.96	43.17 2.67 1.38	36.50 2.20 0.73	31.46 1.76 0.00
JANIS__SOLAR 323808	42.08 1.36 0.02	45.83 1.57 0.00	37.57 1.20 0.00	45.23 1.58 0.00	45.94 1.71 0.00	45.15 2.08 0.00	58.00 3.07 -1.32	48.47 2.88 0.00	75.95 3.59 0.00	37.02 1.13 0.06	31.27 0.61 0.00	32.13 0.43 0.00	35.70 0.45 0.00	33.21 0.53 0.00	34.32 0.64 0.00	31.90 0.86 3.53	32.38 1.28 2.17	33.93 1.76 2.05	35.23 1.93 2.90	36.26 2.15 7.53	34.98 1.98 6.30	34.66 1.80 9.02	31.58 1.34 4.80	30.78 1.09 0.00
JARVIS____ 23743	40.88 0.14 0.00	44.34 0.09 0.00	36.44 0.07 0.00	43.73 0.08 0.00	44.34 0.10 0.00	43.27 0.20 0.00	54.06 0.45 0.00	46.01 0.41 0.00	72.87 0.51 0.00	36.13 0.18 0.00	30.73 0.08 0.00	31.77 0.07 0.00	35.29 0.04 0.00	32.72 0.03 0.00	33.75 0.07 0.00	34.22 0.13 0.47	33.22 0.24 0.29	34.27 0.32 0.27	36.17 0.36 0.39	41.01 0.38 1.00	38.80 0.35 0.84	40.94 0.25 1.20	34.58 0.18 0.64	29.86 0.16 0.00
JENNISON____1 23625	42.25 1.53 0.02	46.19 1.93 0.00	37.76 1.39 0.00	45.58 1.93 0.00	46.41 2.17 0.00	45.61 2.54 0.00	58.21 3.71 -0.90	48.98 3.38 0.00	76.96 4.59 0.00	37.77 1.86 0.05	31.99 1.34 0.00	32.98 1.28 0.00	36.59 1.33 0.00	33.97 1.29 0.00	34.93 1.25 0.00	33.27 1.47 2.76	33.38 1.81 1.70	34.81 2.20 1.61	36.29 2.37 2.27	38.41 2.67 5.89	36.81 2.46 4.93	37.10 2.28 7.06	33.05 1.77 3.76	31.15 1.45 0.00
JENNISON____2 23626	42.25 1.53 0.02	46.19 1.93 0.00	37.76 1.39 0.00	45.58 1.93 0.00	46.41 2.17 0.00	45.61 2.54 0.00	58.21 3.71 -0.90	48.98 3.38 0.00	76.96 4.59 0.00	37.77 1.86 0.05	31.99 1.34 0.00	32.98 1.28 0.00	36.59 1.33 0.00	33.97 1.29 0.00	34.93 1.25 0.00	33.27 1.47 2.76	33.38 1.81 1.70	34.81 2.20 1.61	36.29 2.37 2.27	38.41 2.67 5.89	36.81 2.46 4.93	37.10 2.28 7.06	33.05 1.77 3.76	31.15 1.45 0.00
JERICOHO_RISE_WT_PWR 323719	42.68 1.95 0.00	46.72 2.47 0.00	38.38 2.01 0.00	46.06 2.41 0.00	46.57 2.33 0.00	45.00 1.93 0.00	55.12 1.51 0.00	46.55 0.95 0.00	74.76 2.39 0.00	37.00 1.05 0.00	31.91 1.26 0.00	33.03 1.33 0.00	36.94 1.68 0.00	34.33 1.65 0.00	35.45 1.77 0.00	35.78 1.57 0.36	34.12 1.08 0.22	34.77 0.76 0.21	36.76 0.86 0.29	41.75 0.88 0.76	39.49 0.84 0.64	42.27 1.31 0.91	35.66 1.11 0.49	30.88 1.18 0.00
KATONAH__115KV_46KV_TB4 355592	42.71 1.98 0.00	46.12 1.86 0.00	37.92 1.55 0.00	45.50 1.85 0.00	46.13 1.90 0.00	45.34 2.27 0.00	57.11 3.50 0.00	48.85 3.25 0.00	77.13 4.76 0.00	38.10 2.15 0.00	32.26 1.61 0.00	33.40 1.70 0.00	37.02 1.76 0.00	34.22 1.54 0.00	35.32 1.64 0.00	35.87 1.83 0.52	35.04 2.09 0.32	36.43 2.51 0.30	38.52 2.75 0.43	43.55 3.03 1.11	41.12 2.76 0.93	42.98 2.43 1.33	36.29 1.96 0.71	31.33 1.63 0.00
KCE_NY_1 323755	42.15 1.42 0.00	45.68 1.43 0.00	37.54 1.17 0.00	45.07 1.43 0.00	45.77 1.54 0.00	44.79 1.72 0.00	56.34 2.73 0.00	48.02 2.42 0.00	75.69 3.32 0.00	37.18 1.23 0.00	31.43 0.78 0.00	32.44 0.74 0.00	36.16 0.90 0.00	33.45 0.77 0.00	34.66 0.98 0.00	35.57 1.39 0.38	34.73 1.70 0.24	35.86 1.87 0.22	37.93 2.05 0.31	43.04 2.22 0.82	40.64 2.03 0.68	42.75 1.85 0.98	35.88 1.36 0.52	30.92 1.22 0.00
KCE_NY_6_ESR 323823	37.35 -3.33 0.05	41.03 -3.23 0.00	33.65 -2.72 0.00	40.47 -3.18 0.00	40.83 -3.41 0.00	40.05 -3.02 0.00	47.79 -4.95 0.87	41.90 -3.69 0.00	66.07 -6.29 0.01	32.47 -3.33 0.16	28.06 -2.60 0.00	28.97 -2.73 0.00	32.34 -2.91 0.00	30.07 -2.61 0.00	30.73 -2.95 0.00	26.72 -3.05 4.79	27.82 -2.50 2.94	28.84 -2.59 2.79	29.52 -2.74 3.93	28.11 -3.31 10.21	27.76 -2.98 8.55	26.14 -3.50 12.23	25.79 -2.74 6.52	27.71 -1.99 0.00
KEDC_PORT_JEFF_GT2 24210	46.47 3.64 -2.10	48.75 3.50 -1.00	50.94 2.93 -11.64	47.10 3.45 0.00	47.74 3.51 0.00	47.00 3.92 0.00	59.06 5.45 0.00	50.53 4.93 0.00	79.43 7.01 -0.05	39.24 3.24 -0.06	33.11 2.46 0.00	34.31 2.61 0.00	37.98 2.72 0.00	35.11 2.42 0.00	38.73 2.82 -2.22	37.26 3.12 0.42	36.30 3.37 0.33	40.48 3.79 -2.47	39.96 4.20 0.44	45.78 4.68 0.54	42.58 4.25 0.96	44.61 4.11 1.38	37.68 3.38 0.73	37.52 2.82 -4.99
KEDC_PORT_JEFF_GT3 24211	46.47 3.64 -2.10	48.75 3.50 -1.00	50.94 2.93 -11.64	47.10 3.45 0.00	47.74 3.51 0.00	47.00 3.92 0.00	59.06 5.45 0.00	50.53 4.93 0.00	79.43 7.01 -0.05	39.24 3.24 -0.06	33.11 2.46 0.00	34.31 2.61 0.00	37.98 2.72 0.00	35.11 2.42 0.00	38.73 2.82 -2.22	37.26 3.12 0.42	36.30 3.37 0.33	40.48 3.79 -2.47	39.96 4.20 0.44	45.78 4.68 0.54	42.58 4.25 0.96	44.61 4.11 1.38	37.68 3.38 0.73	37.52 2.82 -4.99
KEDC_GLWD_GT4 24219	45.59 2.76 -2.10	47.90 2.64 -1.00	50.21 2.20 -11.64	46.26 2.61 0.00	46.87 2.63 0.00	46.03 2.96 0.00	57.45 3.84 0.00	49.18 3.58 0.00	77.55 5.14 -0.05	38.75 2.74 -0.06	32.76 2.11 0.00	33.98 2.28 0.00	37.68 2.42 0.00	34.81 2.13 0.00	38.24 2.33 -2.22	36.63 2.48 0.42	35.40 2.46 0.33	39.62 2.93 -2.47	38.97 3.22 0.44	44.65 3.55 0.54	41.57 3.25 0.96	43.33 2.83 1.38	36.91 2.61 0.73	36.93 2.24 -4.99
KEDC_GLWD_GT5 24220	45.59 2.76 -2.10	47.90 2.64 -1.00	50.21 2.20 -11.64	46.26 2.61 0.00	46.87 2.63 0.00	46.03 2.96 0.00	57.45 3.84 0.00	49.18 3.58 0.00	77.55 5.14 -0.05	38.75 2.74 -0.06	32.76 2.11 0.00	33.98 2.28 0.00	37.68 2.42 0.00	34.81 2.13 0.00	38.24 2.33 -2.22	36.63 2.48 0.42	35.40 2.46 0.33	39.62 2.93 -2.47	38.97 3.22 0.44	44.65 3.55 0.54	41.57 3.25 0.96	43.33 2.83 1.38	36.91 2.61 0.73	36.93 2.24 -4.99
KENSICO____ 23655	42.58 1.84 0.00	45.93 1.67 0.00	37.77 1.39 0.00	45.32 1.67 0.00	45.93 1.69 0.00	45.14 2.07 0.00	56.85 3.24 0.00	48.64 3.04 0.00	76.88 4.47 -0.04	38.04 2.03 -0.05	32.18 1.53 0.00	33.36 1.66 0.00	36.98 1.72 0.00	34.15 1.47 0.00	35.23 1.55 0.00	35.74 1.72 0.54	34.89 1.95 0.33	36.28 2.38 0.31	38.37 2.61 0.45	43.35 2.87 1.15	40.94 2.61 0.96	42.73 2.23 1.38	36.16 1.86 0.74	31.22 1.52 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	42.85 2.12 0.00	46.23 1.97 0.00	38.02 1.64 0.00	45.64 1.99 0.00	46.29 2.06 0.00	45.52 2.45 0.00	57.37 3.77 0.00	49.12 3.52 0.00	77.40 5.04 0.00	38.02 2.07 0.00	32.08 1.43 0.00	33.15 1.46 0.00	36.42 1.16 0.00	33.67 0.99 0.00	34.71 1.03 0.00	35.31 1.32 0.57	34.64 1.72 0.35	36.18 2.29 0.33	38.36 2.63 0.46	43.35 2.93 1.21	41.22 2.94 1.01	43.05 2.62 1.45	36.37 2.10 0.77	31.42 1.72 0.00

KIAC_JFK_GT1 23816	42.78 2.04 0.00	46.08 1.82 0.00	37.92 1.55 0.00	45.49 1.84 0.00	46.08 1.84 0.00	45.41 2.33 0.00	57.43 3.83 0.00	49.18 3.58 0.00	79.31 5.39 -1.55	40.43 2.53 -1.95	32.56 1.87 -0.03	33.70 1.98 -0.01	37.34 2.09 0.00	34.43 1.75 0.00	35.53 1.85 0.00	36.06 2.04 0.54	35.20 2.27 0.33	36.57 2.67 0.31	38.71 2.96 0.44	43.77 3.28 1.15	41.31 2.98 0.96	43.01 2.50 1.38	36.37 2.07 0.73	31.36 1.66 0.00
KIAC_JFK_GT2 23817	42.78 2.04 0.00	46.08 1.82 0.00	37.92 1.55 0.00	45.49 1.84 0.00	46.08 1.84 0.00	45.41 2.33 0.00	57.43 3.83 0.00	49.18 3.58 0.00	79.31 5.39 -1.55	40.43 2.53 -1.95	32.56 1.87 -0.03	33.70 1.98 -0.01	37.34 2.09 0.00	34.43 1.75 0.00	35.53 1.85 0.00	36.06 2.04 0.54	35.20 2.27 0.33	36.57 2.67 0.31	38.71 2.96 0.44	43.77 3.28 1.15	41.31 2.98 0.96	43.01 2.50 1.38	36.37 2.07 0.73	31.36 1.66 0.00
KIAC_JFK____ 323774	42.78 2.04 0.00	46.07 1.82 0.00	37.91 1.54 0.00	45.49 1.84 0.00	46.08 1.85 0.00	45.40 2.33 0.00	57.43 3.83 0.00	49.18 3.59 0.00	79.32 5.40 -1.55	40.43 2.53 -1.95	32.57 1.88 -0.03	33.70 1.99 -0.01	37.34 2.09 0.00	34.43 1.75 0.00	35.53 1.85 0.00	36.05 2.02 0.54	35.20 2.27 0.33	36.57 2.67 0.31	38.70 2.95 0.44	43.76 3.27 1.15	41.30 2.97 0.96	43.00 2.49 1.38	36.36 2.06 0.73	31.36 1.66 0.00
KINTIGH____ 23543	37.01 -3.67 0.05	40.61 -3.65 0.00	33.32 -3.06 0.00	40.07 -3.58 0.00	40.47 -3.77 0.00	39.62 -3.45 0.00	46.98 -5.39 1.24	41.42 -4.17 0.00	65.38 -6.98 0.01	32.19 -3.60 0.17	27.76 -2.90 0.00	28.69 -3.01 0.00	32.00 -3.26 0.00	29.73 -2.96 0.00	30.49 -3.19 0.00	26.25 -3.36 4.95	27.34 -2.89 3.04	28.35 -2.99 2.88	29.00 -3.13 4.07	27.33 -3.73 10.57	26.99 -3.46 8.84	25.30 -3.92 12.66	25.23 -3.07 6.75	27.39 -2.31 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.48 2.75 0.00	47.60 3.35 0.00	39.10 2.72 0.00	46.89 3.24 0.00	47.36 3.12 0.00	45.79 2.72 0.00	56.08 2.47 0.00	47.30 1.71 0.00	75.98 3.62 0.00	37.36 1.41 0.00	32.30 1.65 0.00	33.44 1.74 0.00	37.37 2.12 0.00	34.76 2.07 0.00	35.93 2.25 0.00	36.31 2.07 0.32	34.67 1.60 0.20	35.34 1.31 0.19	37.45 1.52 0.26	42.48 1.53 0.68	40.13 1.42 0.57	42.97 1.91 0.82	36.18 1.58 0.44	31.41 1.70 0.00
LACHUTE____HYDRO 323717	42.52 1.79 0.00	46.31 2.06 0.00	38.23 1.86 0.00	45.73 2.08 0.00	46.67 2.43 0.00	46.19 3.12 0.00	58.24 4.63 0.00	49.80 4.20 0.00	77.81 5.44 0.00	37.84 1.88 0.00	31.96 1.31 0.00	32.96 1.26 0.00	36.40 1.14 0.00	33.96 1.28 0.00	35.85 2.17 0.00	36.81 2.63 0.38	36.29 3.26 0.24	37.10 3.10 0.22	39.16 3.28 0.31	44.38 3.56 0.82	41.39 2.79 0.68	43.54 2.64 0.98	36.39 1.87 0.52	31.62 1.92 0.00
LAWRNCALV_115KV_TB1 80681	41.43 0.70 0.00	45.31 1.06 0.00	37.23 0.86 0.00	44.69 1.05 0.00	45.24 1.01 0.00	43.59 0.52 0.00	53.42 -0.19 0.00	45.27 -0.33 0.00	72.45 0.08 0.00	36.17 0.21 0.00	31.01 0.36 0.00	32.06 0.36 0.00	36.00 0.74 0.00	33.50 0.81 0.00	34.54 0.86 0.00	34.31 0.47 0.72	32.79 -0.03 0.44	33.51 -0.29 0.42	35.21 -0.39 0.59	39.73 -0.36 1.54	37.68 -0.32 1.29	40.03 0.00 1.85	34.11 0.05 0.99	29.91 0.21 0.00
LEDERLE____ 23769	42.54 1.81 0.00	45.85 1.60 0.00	37.70 1.32 0.00	45.27 1.62 0.00	45.90 1.66 0.00	45.10 2.03 0.00	56.83 3.22 0.00	48.65 3.06 0.00	76.76 4.39 0.00	37.88 1.92 0.00	32.07 1.42 0.00	33.28 1.58 0.00	36.89 1.63 0.00	34.09 1.40 0.00	35.13 1.45 0.00	35.63 1.63 0.56	34.81 1.88 0.34	36.24 2.34 0.32	38.35 2.62 0.46	43.28 2.84 1.19	40.89 2.60 1.00	42.70 2.24 1.43	36.12 1.85 0.76	31.21 1.51 0.00
LIGHTHSE_115KV_TB6 355974	39.63 -1.11 0.00	43.02 -1.23 0.00	35.35 -1.02 0.00	42.37 -1.28 0.00	42.88 -1.36 0.00	41.88 -1.19 0.00	52.61 -1.32 -0.32	44.65 -0.95 0.00	70.55 -1.82 0.00	34.91 -1.05 0.00	29.72 -0.93 0.00	30.75 -0.95 0.00	34.11 -1.15 0.00	31.64 -1.05 0.00	32.53 -1.15 0.00	28.75 -1.17 4.64	29.43 -0.99 2.85	30.63 -0.89 2.70	31.45 -0.93 3.81	30.62 -1.11 9.90	29.92 -1.09 8.28	28.82 -1.21 11.86	27.67 -1.05 6.32	28.83 -0.87 0.00
LINDEN COGEN____ 23786	42.50 1.77 0.00	45.78 1.53 0.00	37.67 1.30 0.00	45.16 1.51 0.00	45.75 1.52 0.00	45.03 1.96 0.00	53.19 3.15 3.56	45.59 2.99 3.00	76.47 4.52 0.41	40.11 2.21 -1.95	32.36 1.68 -0.03	33.52 1.81 -0.01	37.13 1.87 0.00	34.26 1.57 0.00	35.32 1.64 0.00	35.80 1.77 0.54	34.92 1.99 0.33	36.29 2.39 0.31	38.36 2.61 0.44	43.34 2.85 1.15	40.56 2.54 1.27	41.39 2.05 2.54	36.04 1.74 0.73	31.11 1.40 0.00
LINDHRST_69_KV_BK1 356055	46.01 3.18 -2.10	48.34 3.08 -1.00	50.58 2.57 -11.64	46.67 3.02 0.00	47.27 3.04 0.00	46.49 3.42 0.00	58.38 4.77 0.00	49.96 4.36 0.00	78.69 6.28 -0.05	38.97 2.96 -0.06	32.90 2.25 0.00	34.12 2.42 0.00	37.80 2.54 0.00	34.93 2.24 0.00	38.46 2.55 -2.22	36.90 2.76 0.42	35.95 3.02 0.33	40.27 3.58 -2.47	39.71 3.96 0.44	45.49 4.39 0.54	42.32 3.99 0.96	44.08 3.58 1.38	37.27 2.97 0.73	37.20 2.50 -4.99
LIPA_MISC_IPP 23656	46.14 3.31 -2.10	48.45 3.19 -1.00	50.70 2.69 -11.64	46.80 3.15 0.00	47.44 3.20 0.00	46.71 3.64 0.00	58.65 5.04 0.00	50.14 4.55 0.00	78.78 6.37 -0.05	38.92 2.91 -0.06	32.86 2.21 0.00	34.05 2.35 0.00	37.69 2.43 0.00	34.83 2.14 0.00	38.41 2.51 -2.22	36.98 2.83 0.42	36.03 3.09 0.33	40.38 3.70 -2.47	39.85 4.10 0.44	45.66 4.57 0.54	42.48 4.15 0.96	44.26 3.76 1.38	37.43 3.12 0.73	37.33 2.63 -4.99
LISF____SOLAR 323691	46.22 3.39 -2.10	48.52 3.26 -1.00	50.76 2.75 -11.64	46.87 3.23 0.00	47.52 3.29 0.00	46.80 3.73 0.00	58.76 5.15 0.00	50.24 4.65 0.00	78.92 6.50 -0.05	38.96 2.95 -0.06	32.87 2.21 0.00	34.05 2.35 0.00	37.70 2.44 0.00	34.84 2.16 0.00	38.43 2.53 -2.22	37.02 2.88 0.42	36.08 3.15 0.33	40.47 3.77 -2.47	39.93 4.18 0.44	45.75 4.66 0.54	42.56 4.23 0.96	44.34 3.84 1.38	37.50 3.19 0.73	37.39 2.69 -4.99
LITTLE FALLS____HYD 24013	41.01 0.28 0.00	44.31 0.05 0.00	36.44 0.07 0.00	43.74 0.09 0.00	44.46 0.22 0.00	43.65 0.58 0.00	55.26 1.65 0.00	47.19 1.60 0.00	74.05 1.68 0.00	36.34 0.38 0.00	30.48 -0.17 0.00	31.39 -0.31 0.00	34.83 -0.43 0.00	32.32 -0.36 0.00	33.54 -0.13 0.00	34.27 0.18 0.47	33.75 0.77 0.29	35.07 1.12 0.27	37.08 1.27 0.39	41.99 1.35 1.00	39.75 1.29 0.84	41.63 0.94 1.20	34.97 0.57 0.64	30.19 0.49 0.00
LITTLRIV_115KV_TB1 356100	42.13 1.40 0.00	46.12 1.86 0.00	37.90 1.53 0.00	45.50 1.85 0.00	46.03 1.79 0.00	44.28 1.21 0.00	54.32 0.72 0.00	46.04 0.45 0.00	73.62 1.25 0.00	36.76 0.81 0.00	31.48 0.83 0.00	32.53 0.83 0.00	36.45 1.20 0.00	34.01 1.33 0.00	35.09 1.41 0.00	34.82 1.03 0.77	33.27 0.47 0.47	34.02 0.25 0.45	35.74 0.18 0.63	40.28 0.29 1.65	38.19 0.28 1.38	40.55 0.64 1.97	34.54 0.55 1.05	30.29 0.59 0.00

LI_NEWBRDGE___DRP 323616	45.24 2.41 -2.10	47.54 2.28 -1.00	49.92 1.91 -11.64	45.90 2.25 0.00	46.48 2.25 0.00	45.67 2.60 0.00	57.35 3.75 0.00	49.05 3.46 0.00	77.33 4.92 -0.05	38.38 2.37 -0.06	32.46 1.80 0.00	33.66 1.96 0.00	37.31 2.05 0.00	34.47 1.79 0.00	37.90 2.00 -2.22	36.32 2.17 0.42	35.30 2.37 0.33	39.52 2.83 -2.47	38.87 3.12 0.44	44.55 3.45 0.54	41.47 3.14 0.96	43.21 2.71 1.38	36.59 2.28 0.73	36.62 1.92 -4.99
LOCKPORT_115KV_TB60_63_64 80432	36.65 -4.04 0.05	40.22 -4.04 0.00	33.02 -3.35 0.00	39.70 -3.94 0.00	40.06 -4.18 0.00	39.32 -3.75 0.00	46.37 -6.09 1.15	40.90 -4.70 0.00	64.55 -7.81 0.01	31.76 -4.03 0.16	27.43 -3.22 0.00	28.28 -3.42 0.00	31.56 -3.70 0.00	29.35 -3.33 0.00	30.07 -3.62 0.00	25.90 -3.78 4.88	27.04 -3.23 3.00	28.07 -3.31 2.84	28.72 -3.45 4.01	27.07 -4.14 10.42	26.71 -3.87 8.72	25.00 -4.40 12.48	24.96 -3.43 6.65	27.23 -2.47 0.00
LOCKPORT___CC1 323769	36.61 -4.07 0.05	40.22 -4.04 0.00	33.01 -3.36 0.00	39.68 -3.97 0.00	40.02 -4.21 0.00	39.28 -3.79 0.00	46.33 -6.14 1.13	40.85 -4.75 0.00	64.49 -7.86 0.01	31.71 -4.08 0.16	27.41 -3.24 0.00	28.28 -3.42 0.00	31.56 -3.71 0.00	29.34 -3.34 0.00	30.07 -3.61 0.00	25.96 -3.72 4.88	27.06 -3.21 3.00	28.08 -3.30 2.84	28.71 -3.47 4.01	27.06 -4.15 10.41	26.78 -3.80 8.71	25.07 -4.34 12.47	25.01 -3.38 6.65	27.21 -2.48 0.00
LOCKPORT___CC2 323770	36.61 -4.07 0.05	40.22 -4.04 0.00	33.01 -3.36 0.00	39.68 -3.97 0.00	40.02 -4.21 0.00	39.28 -3.79 0.00	46.33 -6.14 1.13	40.85 -4.75 0.00	64.49 -7.86 0.01	31.71 -4.08 0.16	27.41 -3.24 0.00	28.28 -3.42 0.00	31.56 -3.71 0.00	29.34 -3.34 0.00	30.07 -3.61 0.00	25.96 -3.72 4.88	27.06 -3.21 3.00	28.08 -3.30 2.84	28.71 -3.47 4.01	27.06 -4.15 10.41	26.78 -3.80 8.71	25.07 -4.34 12.47	25.01 -3.38 6.65	27.21 -2.48 0.00
LOCKPORT___CC3 323771	36.61 -4.07 0.05	40.22 -4.04 0.00	33.01 -3.36 0.00	39.68 -3.97 0.00	40.02 -4.21 0.00	39.28 -3.79 0.00	46.33 -6.14 1.13	40.85 -4.75 0.00	64.49 -7.86 0.01	31.71 -4.08 0.16	27.41 -3.24 0.00	28.28 -3.42 0.00	31.56 -3.71 0.00	29.34 -3.34 0.00	30.07 -3.61 0.00	25.96 -3.72 4.88	27.06 -3.21 3.00	28.08 -3.30 2.84	28.71 -3.47 4.01	27.06 -4.15 10.41	26.78 -3.80 8.71	25.07 -4.34 12.47	25.01 -3.38 6.65	27.21 -2.48 0.00
LONG_LAKE_PHOENIX 24014	39.09 -1.65 -0.01	42.43 -1.82 0.00	34.87 -1.51 0.00	41.82 -1.83 0.00	42.35 -1.88 0.00	41.29 -1.78 0.00	52.05 -1.98 -0.42	44.09 -1.50 0.00	69.53 -2.84 0.00	34.36 -1.61 -0.02	29.36 -1.29 0.00	30.36 -1.34 0.00	33.71 -1.55 0.00	31.22 -1.46 0.00	32.09 -1.59 0.00	27.50 -1.68 5.38	28.49 -1.47 3.31	29.68 -1.40 3.13	30.29 -1.48 4.42	28.42 -1.73 11.49	28.02 -1.66 9.61	26.28 -1.85 13.76	26.13 -1.58 7.33	28.42 -1.28 0.00
LOVETT___3 23632	42.35 1.62 0.00	45.67 1.41 0.00	37.54 1.17 0.00	45.09 1.44 0.00	45.71 1.47 0.00	44.89 1.82 0.00	56.56 2.95 0.00	48.41 2.81 0.00	76.40 4.03 0.00	37.70 1.74 0.00	31.93 1.28 0.00	33.13 1.43 0.00	36.73 1.47 0.00	33.93 1.24 0.00	34.97 1.29 0.00	35.46 1.45 0.56	34.63 1.70 0.34	36.06 2.16 0.32	38.15 2.41 0.46	43.06 2.61 1.19	40.67 2.37 0.99	42.48 2.02 1.43	35.95 1.67 0.76	31.07 1.37 0.00
LOVETT___4 23642	42.35 1.62 0.00	45.67 1.41 0.00	37.54 1.17 0.00	45.09 1.44 0.00	45.71 1.47 0.00	44.89 1.82 0.00	56.56 2.95 0.00	48.41 2.81 0.00	76.40 4.03 0.00	37.70 1.74 0.00	31.93 1.28 0.00	33.13 1.43 0.00	36.73 1.47 0.00	33.93 1.24 0.00	34.97 1.29 0.00	35.46 1.45 0.56	34.63 1.70 0.34	36.06 2.16 0.32	38.15 2.41 0.46	43.06 2.61 1.19	40.67 2.37 0.99	42.48 2.02 1.43	35.95 1.67 0.76	31.07 1.37 0.00
LOVETT___5 23593	42.35 1.62 0.00	45.67 1.41 0.00	37.54 1.17 0.00	45.09 1.44 0.00	45.71 1.47 0.00	44.89 1.82 0.00	56.56 2.95 0.00	48.41 2.81 0.00	76.40 4.03 0.00	37.70 1.74 0.00	31.93 1.28 0.00	33.13 1.43 0.00	36.73 1.47 0.00	33.93 1.24 0.00	34.97 1.29 0.00	35.46 1.45 0.56	34.63 1.70 0.34	36.06 2.16 0.32	38.15 2.41 0.46	43.06 2.61 1.19	40.67 2.37 0.99	42.48 2.02 1.43	35.95 1.67 0.76	31.07 1.37 0.00
LOWER RAQUET___HYD 24057	41.39 0.66 0.00	45.29 1.03 0.00	37.21 0.84 0.00	44.67 1.02 0.00	45.21 0.97 0.00	43.53 0.46 0.00	53.31 -0.30 0.00	45.18 -0.41 0.00	72.30 -0.07 0.00	36.08 0.13 0.00	30.92 0.27 0.00	31.97 0.27 0.00	35.88 0.63 0.00	33.40 0.72 0.00	34.44 0.76 0.00	34.13 0.38 0.82	32.65 -0.12 0.50	33.38 -0.37 0.47	35.06 -0.47 0.67	39.43 -0.46 1.74	37.41 -0.42 1.46	39.69 -0.10 2.09	33.89 -0.04 1.11	29.87 0.17 0.00
LOWER___HUDSON 24059	42.00 1.27 0.00	45.46 1.20 0.00	37.38 1.01 0.00	44.81 1.16 0.00	45.51 1.28 0.00	44.49 1.41 0.00	55.89 2.28 0.00	47.56 1.96 0.00	75.13 2.76 0.00	37.01 1.06 0.00	31.35 0.70 0.00	32.36 0.67 0.00	35.96 0.70 0.00	33.34 0.66 0.00	34.53 0.85 0.00	35.31 1.13 0.38	34.41 1.38 0.24	35.58 1.59 0.22	37.61 1.73 0.32	42.67 1.85 0.82	40.36 1.76 0.69	42.47 1.57 0.98	35.71 1.20 0.52	30.81 1.11 0.00
LOWVILLE_115KV_TB2 356335	41.59 0.86 0.01	45.20 0.95 0.00	37.13 0.76 0.00	44.58 0.93 0.00	45.24 1.01 0.00	44.17 1.10 0.00	55.17 1.57 0.01	47.01 1.42 0.00	74.38 2.02 0.00	36.63 0.69 0.02	31.18 0.53 0.00	32.22 0.52 0.00	35.82 0.56 0.00	33.28 0.60 0.00	34.39 0.71 0.00	33.39 0.78 1.95	32.94 0.87 1.20	34.10 1.02 1.13	35.64 1.05 1.60	38.65 1.17 4.16	36.82 1.01 3.48	37.88 0.98 4.98	33.09 0.70 2.65	30.28 0.58 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.15 1.42 0.00	45.67 1.42 0.00	37.54 1.17 0.00	45.04 1.40 0.00	45.75 1.51 0.00	44.79 1.71 0.00	56.29 2.69 0.00	47.97 2.37 0.00	75.61 3.24 0.00	37.17 1.22 0.00	31.46 0.81 0.00	32.46 0.76 0.00	36.11 0.85 0.00	33.47 0.79 0.00	34.67 0.99 0.00	35.54 1.36 0.38	34.71 1.68 0.24	35.86 1.86 0.22	37.90 2.02 0.31	43.02 2.20 0.82	40.61 2.01 0.68	42.72 1.81 0.98	35.88 1.36 0.52	30.92 1.22 0.00
LUTHERNY_35_KV_BK2 355980	42.15 1.42 0.00	45.68 1.43 0.00	37.54 1.17 0.00	45.07 1.43 0.00	45.76 1.53 0.00	44.79 1.72 0.00	56.34 2.74 0.00	48.02 2.43 0.00	75.69 3.32 0.00	37.18 1.23 0.00	31.43 0.78 0.00	32.44 0.74 0.00	36.16 0.90 0.00	33.46 0.77 0.00	34.67 0.98 0.00	35.57 1.39 0.38	34.73 1.71 0.24	35.87 1.87 0.22	37.93 2.06 0.31	43.03 2.22 0.82	40.65 2.04 0.68	42.75 1.85 0.98	35.88 1.36 0.52	30.92 1.22 0.00
LWR___OSWEGATCHIE_HYD 23850	41.23 0.49 0.00	44.95 0.70 0.00	36.93 0.56 0.00	44.33 0.68 0.00	44.92 0.68 0.00	43.55 0.47 0.00	53.88 0.27 0.00	45.79 0.20 0.00	72.84 0.47 0.00	36.12 0.17 0.00	30.85 0.20 0.00	31.88 0.18 0.00	35.59 0.34 0.00	33.11 0.43 0.00	34.18 0.51 0.00	33.39 0.34 1.51	32.48 0.14 0.93	33.44 0.10 0.88	35.00 0.05 1.24	38.48 0.08 3.23	36.61 0.03 2.70	38.17 0.16 3.87	33.06 0.08 2.06	29.86 0.16 0.00

LYONS_FALL_HYD 23570	41.62 0.90 0.01	45.21 0.96 0.00	37.14 0.77 0.00	44.59 0.94 0.00	45.25 1.01 0.00	44.23 1.16 0.00	55.29 1.69 0.01	47.11 1.51 0.00	74.52 2.16 0.00	36.75 0.82 0.02	31.27 0.62 0.00	32.29 0.59 0.00	35.89 0.63 0.00	33.31 0.62 0.00	34.42 0.74 0.00	33.65 0.82 1.72	33.15 0.94 1.06	34.32 1.10 1.00	35.92 1.15 1.42	39.23 1.28 3.68	37.35 1.14 3.08	38.56 1.08 4.41	33.48 0.79 2.35	30.34 0.64 0.00
MADISON___COUNTY_LFGE 323628	41.54 0.83 0.02	45.10 0.85 0.00	37.05 0.68 0.00	44.49 0.84 0.00	45.15 0.92 0.00	44.25 1.17 0.00	55.35 1.76 0.02	47.22 1.63 0.00	74.62 2.25 0.00	36.78 0.88 0.05	31.24 0.59 0.00	32.17 0.48 0.00	35.74 0.48 0.00	33.14 0.46 0.00	34.25 0.58 0.00	32.63 0.68 2.62	32.55 0.89 1.61	33.81 1.11 1.52	35.23 1.19 2.15	37.36 1.31 5.58	35.78 1.17 4.67	36.25 1.06 6.69	32.24 0.76 3.56	30.32 0.61 0.00
MALONE___115KV_TB1 356076	43.02 2.29 0.00	47.10 2.85 0.00	38.68 2.31 0.00	46.45 2.80 0.00	47.02 2.78 0.00	45.46 2.39 0.00	55.71 2.10 0.00	47.20 1.60 0.00	75.69 3.32 0.00	37.49 1.54 0.00	32.22 1.57 0.00	33.27 1.57 0.00	37.28 2.02 0.00	34.65 1.97 0.00	35.76 2.08 0.00	35.95 1.86 0.47	34.32 1.34 0.29	35.05 1.10 0.27	37.00 1.20 0.39	41.94 1.31 1.01	39.67 1.23 0.84	42.35 1.68 1.21	35.79 1.39 0.64	31.09 1.39 0.00
MAPLEWOD_115KV_TB3 80458	41.82 1.08 0.00	45.23 0.97 0.00	37.21 0.83 0.00	44.58 0.93 0.00	45.26 1.03 0.00	44.28 1.21 0.00	55.65 2.04 0.00	47.35 1.76 0.00	74.82 2.45 0.00	36.93 0.98 0.00	31.29 0.63 0.00	32.31 0.62 0.00	35.85 0.59 0.00	33.24 0.56 0.00	34.40 0.72 0.00	35.17 1.00 0.39	34.29 1.27 0.24	35.48 1.49 0.23	37.45 1.58 0.32	42.48 1.69 0.84	40.18 1.60 0.70	42.26 1.39 1.01	35.55 1.04 0.54	30.67 0.97 0.00
MAPLE_RIDGE_WT_1 323574	40.97 0.24 0.00	44.61 0.35 0.00	36.66 0.29 0.00	44.00 0.35 0.00	44.58 0.35 0.00	43.27 0.20 0.00	53.61 0.00 0.00	45.52 -0.07 0.00	72.50 0.14 0.00	36.11 0.15 0.00	30.86 0.21 0.00	31.92 0.22 0.00	35.58 0.32 0.00	33.00 0.32 0.00	34.01 0.33 0.00	34.57 0.24 0.23	33.19 0.06 0.14	34.04 -0.04 0.13	35.93 -0.07 0.19	41.10 -0.04 0.50	38.85 -0.03 0.42	41.39 0.10 0.60	34.83 0.11 0.32	29.79 0.09 0.00
MAPLE_RIDGE_WT_2 323611	40.97 0.24 0.00	44.61 0.35 0.00	36.66 0.29 0.00	44.00 0.35 0.00	44.58 0.35 0.00	43.27 0.20 0.00	53.61 0.00 0.00	45.52 -0.07 0.00	72.50 0.14 0.00	36.11 0.15 0.00	30.86 0.21 0.00	31.92 0.22 0.00	35.58 0.32 0.00	33.00 0.32 0.00	34.01 0.33 0.00	34.57 0.24 0.23	33.19 0.06 0.14	34.04 -0.04 0.13	35.93 -0.07 0.19	41.10 -0.04 0.50	38.85 -0.03 0.42	41.39 0.10 0.60	34.83 0.11 0.32	29.79 0.09 0.00
MARBLE_RIVER_WT_PWR 323696	42.73 2.00 0.00	46.78 2.53 0.00	38.42 2.05 0.00	46.09 2.45 0.00	46.60 2.37 0.00	45.04 1.97 0.00	55.17 1.57 0.00	46.57 0.98 0.00	74.78 2.41 0.00	36.93 0.98 0.00	31.88 1.23 0.00	33.01 1.31 0.00	36.91 1.65 0.00	34.31 1.63 0.00	35.44 1.76 0.00	35.82 1.57 0.31	34.18 1.10 0.19	34.84 0.80 0.18	36.86 0.92 0.25	41.88 0.90 0.66	39.60 0.86 0.55	42.40 1.31 0.79	35.72 1.10 0.42	30.92 1.22 0.00
MARSHVLE_115KV_TB1 80742	43.02 2.30 0.00	46.85 2.60 0.00	38.47 2.10 0.00	46.20 2.55 0.00	46.81 2.58 0.00	45.75 2.68 0.00	56.96 3.36 0.00	48.66 3.06 0.00	77.02 4.66 0.00	37.84 1.90 0.02	32.46 1.81 0.00	33.51 1.81 0.00	37.30 2.04 0.00	34.68 2.00 0.00	35.60 1.92 0.00	35.77 1.88 0.67	34.84 1.98 0.41	35.96 2.12 0.39	37.96 2.32 0.55	42.85 2.65 1.43	40.45 2.36 1.20	42.71 2.55 1.72	36.21 2.08 0.91	31.37 1.67 0.00
MARSH_HILL_WT_PWR 323713	40.73 0.03 0.03	44.28 0.03 0.00	36.32 -0.05 0.00	43.66 0.01 0.00	44.06 -0.17 0.00	43.16 0.09 0.00	56.45 0.73 -2.12	46.72 1.12 0.00	73.05 0.69 0.01	36.23 0.38 0.11	30.85 0.20 0.00	31.69 -0.01 0.00	35.06 -0.20 0.00	32.45 -0.24 0.00	33.22 -0.46 0.00	30.11 -0.26 4.19	31.10 0.40 2.57	32.56 0.77 2.44	33.62 0.87 3.44	33.72 1.02 8.93	32.73 0.92 7.47	31.68 0.50 10.70	29.39 0.06 5.70	29.56 -0.14 0.00
MCINTYRE_115KV_TB2 80467	42.50 1.77 0.00	46.55 2.29 0.00	38.25 1.88 0.00	45.92 2.27 0.00	46.46 2.22 0.00	44.70 1.63 0.00	54.87 1.26 0.00	46.48 0.89 0.00	74.35 1.98 0.00	37.14 1.18 0.00	31.78 1.13 0.00	32.85 1.15 0.00	36.79 1.53 0.00	34.37 1.69 0.00	35.45 1.77 0.00	35.25 1.38 0.70	33.64 0.80 0.43	34.40 0.59 0.41	36.14 0.52 0.57	40.85 0.71 1.49	38.72 0.68 1.25	41.18 1.09 1.79	35.01 0.92 0.95	30.53 0.83 0.00
MECO_____69_KV_BK1 80468	44.69 3.96 0.00	48.56 4.31 0.00	39.88 3.51 0.00	47.87 4.22 0.00	48.61 4.37 0.00	47.69 4.62 0.00	59.87 6.26 0.00	51.12 5.53 0.00	80.00 7.63 0.00	38.11 2.16 0.00	32.35 1.70 0.00	33.13 1.44 0.00	36.79 1.54 0.00	34.72 2.04 0.00	36.06 2.38 0.00	36.68 2.69 0.58	36.39 3.48 0.35	37.98 4.10 0.33	40.10 4.38 0.48	45.35 4.95 1.23	42.73 4.47 1.03	44.93 4.53 1.47	37.80 3.55 0.79	32.57 2.87 0.00
MENANDS___115KV_TB5 355628	41.60 0.87 0.00	44.98 0.72 0.00	37.02 0.65 0.00	44.34 0.69 0.00	45.02 0.78 0.00	44.04 0.97 0.00	55.35 1.74 0.00	47.08 1.48 0.00	74.40 2.04 0.00	36.76 0.81 0.00	31.14 0.49 0.00	32.17 0.47 0.00	35.68 0.43 0.00	33.09 0.41 0.00	34.24 0.56 0.00	34.98 0.82 0.39	34.11 1.08 0.24	35.28 1.29 0.23	37.24 1.37 0.32	42.23 1.44 0.84	39.95 1.37 0.70	42.02 1.15 1.01	35.35 0.84 0.54	30.52 0.82 0.00
MG INDUSTRY___DRP 24185	41.73 1.00 0.00	45.19 0.93 0.00	37.15 0.78 0.00	44.52 0.87 0.00	45.19 0.95 0.00	44.20 1.13 0.00	55.45 1.84 0.00	47.10 1.50 0.00	74.24 1.87 0.00	36.58 0.63 0.00	31.04 0.39 0.00	32.04 0.34 0.00	35.62 0.36 0.00	33.02 0.33 0.00	34.11 0.43 0.00	34.86 0.70 0.40	34.09 1.07 0.25	35.25 1.27 0.23	37.20 1.34 0.33	42.24 1.47 0.86	39.94 1.37 0.72	42.06 1.21 1.04	35.41 0.92 0.55	30.56 0.86 0.00
MID___OSWEGATCHIE_HYD 23849	41.23 0.49 0.00	44.95 0.70 0.00	36.93 0.56 0.00	44.33 0.68 0.00	44.92 0.68 0.00	43.55 0.47 0.00	53.88 0.27 0.00	45.79 0.20 0.00	72.84 0.47 0.00	36.12 0.17 0.00	30.85 0.20 0.00	31.88 0.18 0.00	35.59 0.34 0.00	33.11 0.43 0.00	34.18 0.51 0.00	33.39 0.34 1.51	32.48 0.14 0.93	33.44 0.10 0.88	35.00 0.05 1.24	38.48 0.08 3.23	36.61 0.03 2.70	38.17 0.16 3.87	33.06 0.08 2.06	29.86 0.16 0.00
MID___RAQUETTE_HYD 23851	41.39 0.66 0.00	45.28 1.03 0.00	37.21 0.84 0.00	44.67 1.02 0.00	45.21 0.97 0.00	43.53 0.46 0.00	53.31 -0.30 0.00	45.18 -0.41 0.00	72.30 -0.07 0.00	36.08 0.13 0.00	30.92 0.27 0.00	31.97 0.27 0.00	35.88 0.63 0.00	33.40 0.72 0.00	34.44 0.76 0.00	34.13 0.38 0.82	32.65 -0.12 0.50	33.38 -0.37 0.47	35.06 -0.46 0.67	39.43 -0.46 1.74	37.41 -0.42 1.46	39.70 -0.09 2.09	33.89 -0.04 1.11	29.87 0.16 0.00

MILLIKEN___1 23584	40.76 0.05 0.02	44.32 0.06 0.00	36.38 0.01 0.00	43.73 0.08 0.00	44.35 0.12 0.00	43.48 0.41 0.00	55.93 0.78 -1.54	46.49 0.89 0.00	73.22 0.85 0.00	35.97 0.08 0.07	30.58 -0.07 0.00	31.54 -0.16 0.00	35.03 -0.23 0.00	32.47 -0.21 0.00	33.42 -0.26 0.00	30.11 -0.24 4.21	30.82 0.13 2.58	32.18 0.41 2.45	33.19 0.45 3.46	33.11 0.45 8.97	32.21 0.43 7.51	31.33 0.20 10.75	29.36 0.04 5.73	29.76 0.05 0.00
MILLIKEN___2 23585	40.76 0.05 0.02	44.32 0.06 0.00	36.38 0.01 0.00	43.73 0.08 0.00	44.35 0.12 0.00	43.48 0.41 0.00	55.93 0.78 -1.54	46.49 0.89 0.00	73.22 0.85 0.00	35.97 0.08 0.07	30.58 -0.07 0.00	31.54 -0.16 0.00	35.03 -0.23 0.00	32.47 -0.21 0.00	33.42 -0.26 0.00	30.11 -0.24 4.21	30.82 0.13 2.58	32.18 0.41 2.45	33.19 0.45 3.46	33.11 0.45 8.97	32.21 0.43 7.51	31.33 0.20 10.75	29.36 0.04 5.73	29.76 0.05 0.00
MILLIKEN___DIESEL 23629	40.76 0.05 0.02	44.32 0.06 0.00	36.38 0.01 0.00	43.73 0.08 0.00	44.35 0.12 0.00	43.48 0.41 0.00	55.93 0.78 -1.54	46.49 0.89 0.00	73.22 0.85 0.00	35.97 0.08 0.07	30.58 -0.07 0.00	31.54 -0.16 0.00	35.03 -0.23 0.00	32.47 -0.21 0.00	33.42 -0.26 0.00	30.11 -0.24 4.21	30.82 0.13 2.58	32.18 0.41 2.45	33.19 0.45 3.46	33.11 0.45 8.97	32.21 0.43 7.51	31.33 0.20 10.75	29.36 0.04 5.73	29.76 0.05 0.00
MILLSEAT___LFGE 323607	37.53 -3.15 0.05	41.15 -3.11 0.00	33.78 -2.59 0.00	40.60 -3.05 0.00	41.01 -3.23 0.00	40.29 -2.78 0.00	47.73 -4.65 1.23	42.20 -3.40 0.00	66.59 -5.77 0.01	32.67 -3.12 0.16	28.15 -2.50 0.00	28.93 -2.76 0.00	32.27 -2.99 0.00	29.97 -2.71 0.00	30.81 -2.87 0.00	26.73 -2.92 4.91	27.81 -2.45 3.02	28.95 -2.42 2.86	29.68 -2.48 4.03	28.14 -3.02 10.47	27.78 -2.75 8.76	26.06 -3.27 12.55	25.77 -2.59 6.68	27.82 -1.88 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.52 1.78 0.00	45.85 1.59 0.00	37.70 1.33 0.00	45.24 1.59 0.00	45.87 1.63 0.00	45.07 1.99 0.00	56.76 3.15 0.00	48.57 2.98 0.00	76.72 4.32 -0.04	37.95 1.95 -0.04	32.10 1.45 0.00	33.28 1.58 0.00	36.89 1.63 0.00	34.09 1.41 0.00	35.15 1.47 0.00	35.66 1.64 0.54	34.81 1.88 0.33	36.21 2.31 0.32	38.30 2.55 0.45	43.29 2.81 1.16	40.87 2.55 0.97	42.67 2.18 1.39	36.09 1.79 0.74	31.18 1.48 0.00
MILLWOOD_13_KV_LOAD 356217	42.61 1.88 0.00	45.96 1.70 0.00	37.79 1.42 0.00	45.34 1.69 0.00	45.97 1.74 0.00	45.18 2.11 0.00	56.90 3.30 0.00	48.69 3.09 0.00	76.93 4.53 -0.04	38.04 2.04 -0.04	32.18 1.52 0.00	33.36 1.66 0.00	36.98 1.72 0.00	34.17 1.48 0.00	35.23 1.55 0.00	35.75 1.73 0.54	34.90 1.96 0.33	36.32 2.41 0.32	38.42 2.67 0.45	43.41 2.94 1.16	40.99 2.67 0.97	42.79 2.30 1.39	36.18 1.88 0.74	31.24 1.54 0.00
MODEL_CITY_ENERGY 24167	36.18 -4.50 0.05	39.72 -4.54 0.00	32.61 -3.76 0.00	39.19 -4.46 0.00	39.53 -4.71 0.00	38.80 -4.27 0.00	45.75 -6.77 1.09	40.29 -5.31 0.00	63.64 -8.72 0.01	31.30 -4.49 0.16	27.06 -3.59 0.00	27.91 -3.78 0.00	31.14 -4.12 0.00	28.97 -3.71 0.00	29.68 -4.00 0.00	25.60 -4.10 4.87	26.69 -3.59 2.99	27.69 -3.70 2.83	28.30 -3.89 4.00	26.60 -4.65 10.39	26.33 -4.27 8.69	24.62 -4.82 12.44	24.64 -3.77 6.63	26.92 -2.79 0.00
MODERN_LFGE___ 323580	36.18 -4.50 0.05	39.72 -4.54 0.00	32.61 -3.76 0.00	39.19 -4.46 0.00	39.53 -4.71 0.00	38.80 -4.27 0.00	45.75 -6.77 1.09	40.29 -5.31 0.00	63.64 -8.72 0.01	31.30 -4.49 0.16	27.06 -3.59 0.00	27.91 -3.78 0.00	31.14 -4.12 0.00	28.97 -3.71 0.00	29.68 -4.00 0.00	25.60 -4.10 4.87	26.69 -3.59 2.99	27.69 -3.70 2.83	28.30 -3.89 4.00	26.60 -4.65 10.39	26.33 -4.27 8.69	24.62 -4.82 12.44	24.64 -3.77 6.63	26.92 -2.79 0.00
MOHAWK_PAPER___DRP 24187	41.82 1.08 0.00	45.23 0.97 0.00	37.21 0.83 0.00	44.58 0.93 0.00	45.26 1.03 0.00	44.28 1.21 0.00	55.65 2.04 0.00	47.35 1.76 0.00	74.82 2.45 0.00	36.93 0.98 0.00	31.29 0.63 0.00	32.31 0.62 0.00	35.85 0.59 0.00	33.24 0.56 0.00	34.40 0.72 0.00	35.17 1.00 0.39	34.29 1.27 0.24	35.48 1.49 0.23	37.45 1.58 0.32	42.48 1.69 0.84	40.18 1.60 0.70	42.26 1.39 1.01	35.55 1.04 0.54	30.67 0.97 0.00
MOHICAN___35_KV_115KV_LD 80490	41.71 0.97 0.00	45.23 0.98 0.00	37.22 0.85 0.00	44.61 0.97 0.00	45.39 1.15 0.00	44.57 1.50 0.00	56.12 2.51 0.00	47.87 2.28 0.00	75.27 2.90 0.00	36.85 0.90 0.00	31.16 0.51 0.00	32.13 0.43 0.00	35.68 0.42 0.00	33.12 0.44 0.00	34.45 0.77 0.00	35.39 1.21 0.38	34.69 1.65 0.24	35.77 1.77 0.22	37.80 1.92 0.31	42.87 2.05 0.82	40.35 1.74 0.68	42.41 1.51 0.98	35.56 1.05 0.52	30.68 0.98 0.00
MONGAUP___HYD 23641	42.25 1.52 0.00	45.61 1.35 0.00	37.50 1.12 0.00	45.02 1.37 0.00	45.61 1.37 0.00	44.51 1.43 0.00	56.07 2.46 0.00	47.92 2.32 0.00	75.47 3.10 0.00	37.06 1.11 0.00	31.47 0.82 0.00	32.50 0.80 0.00	36.02 0.76 0.00	33.28 0.60 0.00	34.35 0.67 0.00	34.88 0.89 0.58	34.05 1.14 0.36	35.62 1.74 0.34	37.71 2.00 0.48	42.56 2.17 1.25	40.23 1.99 1.04	42.04 1.66 1.49	35.84 1.59 0.79	30.97 1.27 0.00
MONTAUK___DIESEL 23721	46.76 3.93 -2.10	49.17 3.91 -1.00	51.45 3.44 -11.64	47.45 3.80 0.00	48.37 4.14 0.00	47.88 4.81 0.00	60.29 6.68 0.00	51.44 5.85 0.00	80.44 8.03 -0.05	39.71 3.70 -0.06	33.47 2.82 0.00	34.74 3.04 0.00	38.30 3.04 0.00	35.30 2.61 0.00	38.98 3.08 -2.22	37.67 3.52 0.42	36.78 3.84 0.33	41.22 4.53 -2.47	40.78 5.03 0.44	46.83 5.74 0.54	43.71 5.38 0.96	45.59 5.09 1.38	38.47 4.16 0.73	38.21 3.52 -4.99
MOONROAD_115KV_HARTFLD_TB1-2 355988	38.79 -1.90 0.05	42.54 -1.71 0.00	34.85 -1.52 0.00	41.95 -1.70 0.00	42.22 -2.02 0.00	41.48 -1.59 0.00	50.35 -2.69 0.57	43.74 -1.85 0.00	68.61 -3.75 0.01	33.73 -2.07 0.15	29.25 -1.41 0.00	30.26 -1.44 0.00	33.72 -1.54 0.00	31.28 -1.41 0.00	31.82 -1.86 0.00	27.85 -2.03 4.68	29.04 -1.35 2.88	30.12 -1.37 2.73	30.91 -1.44 3.85	29.73 -1.91 9.99	29.11 -1.82 8.36	27.41 -2.50 11.97	26.55 -2.11 6.38	28.30 -1.41 0.00
MORTIMER_115KV_TB3 55949	38.14 -2.54 0.05	41.71 -2.54 0.00	34.22 -2.15 0.00	41.13 -2.51 0.00	41.61 -2.63 0.00	40.78 -2.29 0.00	48.47 -3.50 1.64	43.03 -2.56 0.00	67.99 -4.37 0.01	33.47 -2.32 0.17	28.73 -1.92 0.00	29.66 -2.04 0.00	33.03 -2.23 0.00	30.64 -2.04 0.00	31.48 -2.20 0.00	27.26 -2.28 5.02	28.31 -1.87 3.09	29.43 -1.87 2.92	30.15 -1.91 4.13	28.60 -2.32 10.72	28.15 -2.17 8.97	26.47 -2.57 12.84	26.12 -2.08 6.84	28.11 -1.59 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	42.76 2.02 0.00	46.09 1.84 0.00	37.91 1.54 0.00	45.46 1.81 0.00	46.06 1.83 0.00	45.31 2.24 0.00	57.08 3.48 0.00	48.88 3.28 0.00	79.31 4.94 -2.00	40.81 2.34 -2.51	32.48 1.78 -0.05	33.64 1.93 -0.02	37.25 2.00 0.00	34.38 1.69 0.00	35.43 1.76 0.00	35.94 1.91 0.54	35.06 2.12 0.33	36.44 2.53 0.31	38.52 2.77 0.44	43.56 3.07 1.15	41.09 2.76 0.96	42.82 2.32 1.38	36.24 1.94 0.73	31.27 1.57 0.00

MUNSVILLE_WIND_PWR 323609	43.69 2.97 0.02	47.65 3.40 0.00	39.01 2.64 0.00	47.06 3.42 0.00	47.90 3.66 0.00	47.19 4.12 0.00	60.54 5.82 -1.11	50.80 5.20 0.00	79.59 7.23 0.00	38.88 2.98 0.05	32.83 2.18 0.00	33.78 2.08 0.00	37.47 2.21 0.00	34.86 2.17 0.00	35.93 2.24 0.00	33.95 2.53 3.14	34.27 2.93 1.93	35.82 3.43 1.83	37.31 3.70 2.58	39.11 4.18 6.71	37.53 3.85 5.61	37.55 3.71 8.03	33.65 2.90 4.28	32.05 2.34 0.00
N SALMON___HYD 24042	43.02 2.28 0.00	47.10 2.85 0.00	38.69 2.32 0.00	46.45 2.80 0.00	47.02 2.78 0.00	45.46 2.38 0.00	55.71 2.10 0.00	47.19 1.60 0.00	75.69 3.32 0.00	37.49 1.54 0.00	32.22 1.57 0.00	33.27 1.57 0.00	37.28 2.02 0.00	34.65 1.97 0.00	35.77 2.09 0.00	35.95 1.85 0.47	34.33 1.35 0.29	35.05 1.10 0.27	37.00 1.20 0.39	41.94 1.31 1.01	39.67 1.23 0.84	42.36 1.68 1.21	35.79 1.39 0.64	31.09 1.39 0.00
N.AKRON___115KV_KNAPP 355671	37.51 -3.18 0.05	41.13 -3.13 0.00	33.76 -2.62 0.00	40.60 -3.05 0.00	41.00 -3.23 0.00	40.27 -2.80 0.00	47.71 -4.68 1.22	42.16 -3.43 0.00	66.50 -5.86 0.01	32.66 -3.13 0.16	28.14 -2.51 0.00	28.94 -2.76 0.00	32.28 -2.98 0.00	29.98 -2.70 0.00	30.79 -2.89 0.00	26.65 -3.01 4.90	27.77 -2.49 3.01	28.90 -2.46 2.85	29.63 -2.53 4.03	28.09 -3.08 10.46	27.67 -2.86 8.75	25.96 -3.39 12.53	25.72 -2.65 6.68	27.82 -1.88 0.00
N.BELMOR_69_KV_BK1 55787	45.56 2.73 -2.10	47.89 2.64 -1.00	50.19 2.18 -11.64	46.24 2.59 0.00	46.82 2.58 0.00	46.02 2.95 0.00	57.65 4.04 0.00	49.44 3.84 0.00	77.93 5.52 -0.05	38.65 2.64 -0.06	32.66 2.01 0.00	33.87 2.17 0.00	37.54 2.28 0.00	34.69 2.01 0.00	38.15 2.24 -2.22	36.56 2.42 0.42	35.56 2.63 0.33	39.82 3.13 -2.47	39.21 3.46 0.44	44.93 3.84 0.54	41.82 3.49 0.96	43.58 3.08 1.38	36.88 2.58 0.73	36.87 2.18 -4.99
N.E_GEN_SANDY PD 24062	42.84 1.53 -0.58	45.67 1.41 0.00	39.39 1.19 -1.83	45.03 1.39 0.00	47.33 1.47 -1.62	44.07 1.69 0.69	47.17 2.67 9.11	47.10 2.39 0.88	75.32 3.46 0.50	36.76 1.45 0.63	31.78 1.01 -0.12	32.64 1.03 0.08	36.30 1.04 0.00	33.64 0.96 0.00	34.82 1.14 0.00	35.50 1.39 0.46	34.94 1.63 -0.04	42.14 1.92 -6.00	38.10 2.11 0.21	45.15 2.26 -1.25	40.68 2.13 0.74	42.61 1.89 1.16	35.90 1.48 0.62	31.15 1.36 -0.09
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.42 1.69 0.00	45.74 1.48 0.00	37.60 1.23 0.00	45.15 1.50 0.00	45.78 1.55 0.00	44.97 1.90 0.00	56.65 3.04 0.00	48.50 2.90 0.00	76.50 4.13 0.00	37.76 1.81 0.00	31.98 1.33 0.00	33.18 1.48 0.00	36.78 1.52 0.00	33.98 1.30 0.00	35.03 1.35 0.00	35.52 1.52 0.56	34.68 1.76 0.34	36.13 2.23 0.32	38.22 2.48 0.46	43.14 2.70 1.19	40.74 2.45 0.99	42.55 2.10 1.43	36.01 1.73 0.76	31.12 1.42 0.00
N.QUEENS_27_KV_LOAD 356247	42.76 2.03 0.00	46.06 1.80 0.00	37.96 1.59 0.00	45.41 1.76 0.00	46.03 1.79 0.00	45.34 2.27 0.00	57.18 3.57 0.00	48.94 3.34 0.00	79.04 5.11 -1.55	40.38 2.48 -1.95	32.61 1.92 -0.04	33.77 2.06 -0.02	37.39 2.13 0.00	34.43 1.75 0.00	35.52 1.84 0.00	35.96 1.93 0.54	35.09 2.15 0.33	36.45 2.55 0.31	38.54 2.79 0.44	43.68 3.20 1.15	41.20 2.87 0.96	42.91 2.40 1.38	36.32 2.02 0.73	31.35 1.65 0.00
N.TROY___115KV_TB1 355778	42.00 1.27 0.00	45.46 1.20 0.00	37.38 1.01 0.00	44.81 1.17 0.00	45.51 1.28 0.00	44.48 1.41 0.00	55.89 2.28 0.00	47.56 1.96 0.00	75.13 2.76 0.00	37.01 1.06 0.00	31.35 0.69 0.00	32.36 0.66 0.00	35.96 0.70 0.00	33.35 0.66 0.00	34.53 0.85 0.00	35.32 1.14 0.38	34.42 1.38 0.24	35.58 1.59 0.22	37.61 1.73 0.32	42.67 1.85 0.82	40.37 1.77 0.69	42.47 1.58 0.98	35.71 1.20 0.52	30.81 1.11 0.00
NARROWS_GT1_1 24228	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT1_2 24229	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT1_3 24230	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT1_4 24231	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT1_5 24232	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT1_6 24233	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT1_7 24234	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00

NARROWS_GT1_8 24235	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT2_1 24236	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT2_2 24237	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT2_3 24238	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT2_4 24239	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT2_5 24240	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT2_6 24241	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT2_7 24242	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NARROWS_GT2_8 24243	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.10 3.50 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.55 1.82 0.00	46.07 1.82 0.00	37.89 1.51 0.00	45.39 1.74 0.00	46.13 1.90 0.00	45.18 2.11 0.00	56.84 3.24 0.00	48.35 2.75 0.00	76.02 3.65 0.00	37.14 1.19 0.00	31.31 0.66 0.00	32.23 0.53 0.00	35.81 0.55 0.00	33.27 0.59 0.00	34.41 0.73 0.00	35.30 1.17 0.43	34.78 1.78 0.27	36.11 2.14 0.25	38.08 2.25 0.36	43.17 2.46 0.93	40.78 2.26 0.77	42.88 2.11 1.11	36.00 1.55 0.59	31.10 1.40 0.00
NCHELSEA_115KV_TR2 355582	42.77 2.03 0.00	46.16 1.91 0.00	37.96 1.59 0.00	45.55 1.90 0.00	46.20 1.97 0.00	45.40 2.32 0.00	57.16 3.56 0.00	48.89 3.29 0.00	77.15 4.78 0.00	38.04 2.09 0.00	32.20 1.55 0.00	33.34 1.64 0.00	36.94 1.69 0.00	34.17 1.48 0.00	35.28 1.60 0.00	35.85 1.82 0.53	35.06 2.12 0.33	36.46 2.54 0.31	38.57 2.81 0.44	43.58 3.08 1.14	41.15 2.81 0.95	43.03 2.51 1.36	36.32 2.01 0.73	31.38 1.68 0.00
NEG CAPITAL___MECHNVIL 23645	42.21 1.48 0.00	45.71 1.46 0.00	37.57 1.20 0.00	45.08 1.43 0.00	45.79 1.55 0.00	44.82 1.75 0.00	56.36 2.75 0.00	48.03 2.43 0.00	75.75 3.38 0.00	37.23 1.28 0.00	31.50 0.85 0.00	32.52 0.82 0.00	36.16 0.90 0.00	33.51 0.83 0.00	34.71 1.03 0.00	35.59 1.41 0.38	34.75 1.71 0.24	35.95 1.96 0.22	37.97 2.09 0.31	43.11 2.29 0.82	40.69 2.08 0.68	42.80 1.89 0.98	35.94 1.42 0.52	30.96 1.26 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.90 -2.79 0.05	41.39 -2.87 0.00	33.97 -2.40 0.00	40.81 -2.84 0.00	41.31 -2.92 0.00	40.52 -2.55 0.00	47.86 -3.56 2.19	42.91 -2.69 0.00	67.76 -4.60 0.01	33.34 -2.46 0.15	28.58 -2.07 0.00	29.51 -2.19 0.00	32.82 -2.43 0.00	30.43 -2.25 0.00	31.25 -2.43 0.00	27.09 -2.43 5.04	28.08 -2.09 3.10	29.23 -2.05 2.93	29.92 -2.14 4.14	28.32 -2.57 10.75	27.90 -2.39 9.00	26.23 -2.77 12.88	25.87 -2.31 6.86	27.83 -1.87 0.00
NEG CENTRAL___DRP 24199	39.76 -0.95 0.03	43.29 -0.97 0.00	35.54 -0.83 0.00	42.71 -0.93 0.00	43.28 -0.96 0.00	42.50 -0.58 0.00	61.71 -0.58 -8.67	45.36 -0.24 -0.01	71.49 -0.87 0.00	35.25 -0.61 0.09	30.00 -0.65 0.00	30.94 -0.76 0.00	34.26 -1.00 0.00	31.81 -0.87 0.00	32.60 -1.08 0.00	28.68 -0.97 4.91	29.57 -0.68 3.01	30.92 -0.45 2.85	31.68 -0.49 4.03	30.54 -0.63 10.47	29.92 -0.61 8.76	28.48 -0.86 12.54	27.54 -0.82 6.68	29.02 -0.69 0.00
NEG CENTRAL___INDECK 23768	39.36 -1.33 0.04	42.81 -1.44 0.00	35.17 -1.21 0.00	42.25 -1.40 0.00	42.70 -1.53 0.00	41.99 -1.08 0.00	53.26 -1.24 -0.89	45.18 -0.42 0.00	70.65 -1.72 0.01	35.46 -0.36 0.13	30.19 -0.46 0.00	30.97 -0.73 0.00	34.37 -0.88 0.00	31.81 -0.88 0.00	32.82 -0.86 0.00	29.29 -0.81 4.47	30.13 -0.39 2.74	32.02 0.40 2.60	33.21 0.68 3.67	32.84 0.73 9.53	31.96 0.64 7.97	30.49 0.02 11.41	28.48 -0.48 6.08	28.99 -0.71 0.00

NEG CENTRAL___SENECA 23627	39.80 -0.90 0.04	43.38 -0.87 0.00	35.61 -0.76 0.00	42.82 -0.83 0.00	43.37 -0.86 0.00	42.58 -0.49 0.00	67.13 -0.39 -13.91	45.57 -0.04 -0.01	71.67 -0.69 0.01	35.30 -0.54 0.11	30.09 -0.56 0.00	31.01 -0.69 0.00	34.28 -0.97 0.00	31.89 -0.80 0.00	32.62 -1.06 0.00	28.93 -0.85 4.78	29.87 -0.47 2.94	31.25 -0.19 2.78	32.04 -0.23 3.93	31.12 -0.31 10.20	30.41 -0.35 8.54	29.08 -0.58 12.22	27.91 -0.62 6.51	29.15 -0.55 0.00
NEG CENTRAL___STATE_STREET 24147	39.92 -0.79 0.02	43.41 -0.84 0.00	35.65 -0.72 0.00	42.81 -0.84 0.00	43.41 -0.82 0.00	42.54 -0.53 0.00	55.62 -0.56 -2.56	45.34 -0.25 0.00	71.57 -0.79 0.00	35.29 -0.60 0.07	30.03 -0.63 0.00	30.99 -0.71 0.00	34.40 -0.86 0.00	31.95 -0.74 0.00	32.79 -0.89 0.00	28.79 -0.85 4.92	29.71 -0.54 3.02	30.97 -0.38 2.86	31.75 -0.40 4.05	30.54 -0.60 10.50	30.05 -0.45 8.79	28.52 -0.77 12.58	27.60 -0.74 6.70	29.16 -0.54 0.00
NEG MILLWOOD___DRP 24198	42.93 2.20 0.00	46.34 2.09 0.00	38.11 1.74 0.00	45.74 2.09 0.00	46.38 2.14 0.00	45.58 2.51 0.00	57.43 3.83 0.00	49.14 3.55 0.00	77.55 5.18 0.00	38.26 2.31 0.00	32.39 1.74 0.00	33.52 1.82 0.00	37.13 1.88 0.00	34.34 1.66 0.00	35.45 1.77 0.00	36.01 1.97 0.52	35.21 2.26 0.32	36.63 2.71 0.31	38.75 2.99 0.43	43.79 3.28 1.12	41.35 3.00 0.94	43.22 2.68 1.34	36.47 2.15 0.71	31.48 1.78 0.00
NEG NORTH_FLCN_SEA 23793	43.35 2.62 0.00	47.47 3.22 0.00	38.99 2.61 0.00	46.74 3.10 0.00	47.17 2.94 0.00	45.59 2.52 0.00	55.67 2.06 0.00	46.83 1.24 0.00	75.44 3.07 0.00	37.04 1.08 0.00	32.07 1.42 0.00	33.22 1.52 0.00	37.16 1.90 0.00	34.56 1.88 0.00	35.74 2.06 0.00	36.12 1.87 0.31	34.47 1.40 0.19	35.09 1.06 0.18	37.20 1.26 0.26	42.16 1.20 0.67	39.85 1.12 0.56	42.70 1.62 0.80	35.96 1.35 0.43	31.31 1.61 0.00
NEG NORTH_KES_CHATEGAY 23792	42.82 2.09 0.00	46.90 2.65 0.00	38.51 2.14 0.00	46.22 2.57 0.00	46.73 2.50 0.00	45.18 2.10 0.00	55.35 1.75 0.00	46.74 1.14 0.00	75.04 2.68 0.00	37.14 1.19 0.00	32.01 1.36 0.00	33.11 1.41 0.00	37.06 1.80 0.00	34.43 1.75 0.00	35.56 1.88 0.00	35.91 1.70 0.36	34.25 1.20 0.22	34.91 0.90 0.21	36.92 1.02 0.29	41.92 1.05 0.76	39.65 0.99 0.64	42.44 1.47 0.91	35.78 1.23 0.48	30.98 1.28 0.00
NEG NORTH___ALICE_FALLS 23915	43.48 2.75 0.00	47.60 3.35 0.00	39.10 2.72 0.00	46.89 3.24 0.00	47.36 3.12 0.00	45.79 2.72 0.00	56.08 2.47 0.00	47.30 1.71 0.00	75.98 3.62 0.00	37.36 1.41 0.00	32.30 1.65 0.00	33.44 1.74 0.00	37.37 2.12 0.00	34.76 2.07 0.00	35.93 2.25 0.00	36.31 2.07 0.32	34.67 1.60 0.20	35.34 1.31 0.19	37.45 1.52 0.26	42.48 1.53 0.68	40.13 1.42 0.57	42.97 1.91 0.82	36.18 1.58 0.44	31.41 1.70 0.00
NEG NORTH___LWR_SARANAC 23913	43.48 2.75 0.00	47.60 3.35 0.00	39.10 2.72 0.00	46.89 3.24 0.00	47.36 3.12 0.00	45.79 2.72 0.00	56.08 2.47 0.00	47.30 1.71 0.00	75.98 3.62 0.00	37.36 1.41 0.00	32.30 1.65 0.00	33.44 1.74 0.00	37.37 2.12 0.00	34.76 2.07 0.00	35.93 2.25 0.00	36.31 2.07 0.32	34.67 1.60 0.20	35.34 1.31 0.19	37.45 1.52 0.26	42.48 1.53 0.68	40.13 1.42 0.57	42.97 1.91 0.82	36.18 1.58 0.44	31.41 1.70 0.00
NEG NORTH___PLATTSBURG 23628	43.48 2.75 0.00	47.61 3.35 0.00	39.10 2.73 0.00	46.89 3.24 0.00	47.36 3.12 0.00	45.79 2.72 0.00	56.08 2.47 0.00	47.30 1.71 0.00	75.98 3.62 0.00	37.36 1.41 0.00	32.30 1.65 0.00	33.44 1.74 0.00	37.38 2.12 0.00	34.76 2.08 0.00	35.93 2.25 0.00	36.31 2.07 0.32	34.67 1.60 0.20	35.34 1.31 0.19	37.45 1.52 0.26	42.48 1.53 0.68	40.13 1.42 0.57	42.97 1.91 0.82	36.18 1.58 0.44	31.41 1.70 0.00
NEG WEST_LEA_LOCKPORT 23791	36.62 -4.07 0.05	40.20 -4.05 0.00	33.00 -3.38 0.00	39.68 -3.97 0.00	40.04 -4.20 0.00	39.28 -3.79 0.00	46.34 -6.14 1.13	40.85 -4.74 0.00	64.47 -7.89 0.01	31.73 -4.06 0.16	27.41 -3.24 0.00	28.28 -3.42 0.00	31.55 -3.71 0.00	29.35 -3.33 0.00	30.06 -3.62 0.00	25.89 -3.79 4.88	27.03 -3.24 3.00	28.04 -3.34 2.84	28.70 -3.49 4.01	27.03 -4.19 10.41	26.69 -3.89 8.71	24.98 -4.43 12.47	24.95 -3.44 6.65	27.21 -2.48 0.00
NEG WEST___LANCASTER 23811	37.76 -2.93 0.05	41.43 -2.83 0.00	33.95 -2.42 0.00	40.87 -2.77 0.00	41.27 -2.96 0.00	40.41 -2.67 0.00	48.66 -4.27 0.68	42.47 -3.12 0.00	66.82 -5.54 0.01	32.87 -2.93 0.15	28.36 -2.29 0.00	29.34 -2.36 0.00	32.72 -2.55 0.00	30.39 -2.29 0.00	31.05 -2.63 0.00	26.98 -2.88 4.70	28.14 -2.23 2.89	29.16 -2.32 2.74	29.89 -2.44 3.87	28.57 -3.03 10.03	28.13 -2.77 8.40	26.61 -3.25 12.02	26.12 -2.52 6.40	27.97 -1.73 0.00
NEG_PENN_ALLEGHNY 23528	40.31 -0.40 0.02	43.84 -0.41 0.00	35.99 -0.38 0.00	43.26 -0.39 0.00	43.83 -0.41 0.00	42.92 -0.15 0.00	54.67 0.11 -0.95	45.89 0.29 0.00	72.27 -0.10 0.00	35.66 -0.24 0.06	30.37 -0.28 0.00	31.38 -0.32 0.00	34.85 -0.41 0.00	32.31 -0.37 0.00	33.16 -0.52 0.00	30.87 -0.49 3.21	31.16 -0.13 1.97	32.38 0.03 1.86	33.58 0.02 2.64	34.79 0.00 6.84	33.56 -0.01 5.72	33.44 -0.24 8.19	30.40 -0.27 4.37	29.48 -0.22 0.00
NEG___GEN_MONROE 24207	38.30 -2.38 0.05	41.90 -2.36 0.00	34.38 -1.99 0.00	41.33 -2.32 0.00	41.81 -2.42 0.00	41.00 -2.07 0.00	48.69 -3.30 1.61	43.23 -2.36 0.00	68.26 -4.10 0.01	33.58 -2.21 0.17	28.82 -1.83 0.00	29.72 -1.99 0.00	33.09 -2.17 0.00	30.71 -1.98 0.00	31.56 -2.12 0.00	27.36 -2.19 5.02	28.44 -1.75 3.08	29.58 -1.72 2.92	30.32 -1.75 4.12	28.78 -2.15 10.70	28.33 -2.01 8.96	26.64 -2.41 12.82	26.26 -1.95 6.83	28.25 -1.46 0.00
NEPA___ENERGY 23901	37.59 -3.10 0.05	41.22 -3.03 0.00	33.77 -2.60 0.00	40.75 -2.89 0.00	41.13 -3.11 0.00	40.29 -2.79 0.00	49.00 -3.97 0.64	42.63 -2.97 0.00	66.68 -5.68 0.01	32.78 -3.02 0.15	28.27 -2.38 0.00	29.29 -2.42 0.00	32.62 -2.64 0.00	30.33 -2.35 0.00	30.87 -2.82 0.00	26.90 -2.99 4.68	28.13 -2.27 2.87	29.16 -2.34 2.72	29.82 -2.53 3.84	28.66 -3.00 9.98	28.21 -2.73 8.35	26.70 -3.23 11.95	26.05 -2.62 6.37	27.75 -1.95 0.00
NEVERSINK___HYD 23608	42.20 1.47 0.00	45.53 1.27 0.00	37.43 1.06 0.00	44.96 1.32 0.00	45.60 1.36 0.00	44.83 1.76 0.00	56.48 2.87 0.00	48.33 2.74 0.00	76.17 3.80 0.00	37.43 1.48 0.00	31.60 0.95 0.00	32.54 0.84 0.00	35.14 -0.12 0.00	32.49 -0.19 0.00	33.49 -0.19 0.00	34.01 0.04 0.59	33.35 0.45 0.36	34.85 0.97 0.34	36.91 1.21 0.49	41.87 1.49 1.26	40.49 2.26 1.06	42.29 1.93 1.51	35.75 1.52 0.80	30.94 1.24 0.00
NEWKRMKL_115KV_TB1 55635	41.34 0.60 0.00	44.69 0.44 0.00	36.78 0.41 0.00	44.06 0.41 0.00	44.73 0.49 0.00	43.76 0.69 0.00	55.02 1.42 0.00	46.81 1.21 0.00	73.94 1.57 0.00	36.57 0.62 0.00	30.96 0.31 0.00	31.99 0.29 0.00	35.48 0.22 0.00	32.91 0.22 0.00	34.04 0.36 0.00	34.78 0.61 0.39	33.92 0.89 0.24	35.10 1.11 0.23	37.01 1.14 0.32	41.99 1.20 0.84	39.71 1.12 0.70	41.76 0.89 1.01	35.12 0.62 0.54	30.33 0.63 0.00

NEWTON___FALLS_HYD 23847	41.23 0.49 0.00	44.95 0.70 0.00	36.93 0.56 0.00	44.33 0.68 0.00	44.92 0.68 0.00	43.55 0.47 0.00	53.88 0.27 0.00	45.79 0.20 0.00	72.84 0.47 0.00	36.12 0.17 0.00	30.85 0.20 0.00	31.88 0.18 0.00	35.59 0.34 0.00	33.11 0.43 0.00	34.18 0.51 0.00	33.39 0.34 1.51	32.48 0.14 0.93	33.44 0.10 0.88	35.00 0.05 1.24	38.48 0.08 3.23	36.61 0.03 2.70	38.17 0.16 3.87	33.06 0.08 2.06	29.86 0.16 0.00
NGRID_A1_DSASP 323792	35.97 -4.71 0.05	39.79 -4.46 0.00	32.64 -3.73 0.00	39.24 -4.41 0.00	39.58 -4.65 0.00	38.80 -4.28 0.00	45.48 -7.08 1.05	39.72 -5.87 0.00	62.79 -9.57 0.01	30.91 -4.88 0.16	26.75 -3.91 0.00	27.62 -4.08 0.00	30.85 -4.41 0.00	28.69 -3.99 0.00	29.55 -4.13 0.00	25.32 -4.38 4.86	26.36 -3.92 2.99	27.31 -4.08 2.83	27.90 -4.30 4.00	26.15 -5.12 10.37	25.91 -4.70 8.68	24.23 -5.23 12.43	24.33 -4.09 6.62	26.73 -2.97 0.00
NGRID_A2_DSASP 323793	35.97 -4.71 0.05	39.79 -4.46 0.00	32.64 -3.73 0.00	39.24 -4.41 0.00	39.58 -4.65 0.00	38.80 -4.28 0.00	45.48 -7.08 1.05	39.72 -5.87 0.00	62.79 -9.57 0.01	30.91 -4.88 0.16	26.75 -3.91 0.00	27.62 -4.08 0.00	30.85 -4.41 0.00	28.69 -3.99 0.00	29.55 -4.13 0.00	25.32 -4.38 4.86	26.36 -3.92 2.99	27.31 -4.08 2.83	27.90 -4.30 4.00	26.15 -5.12 10.37	25.91 -4.70 8.68	24.23 -5.23 12.43	24.33 -4.09 6.62	26.73 -2.97 0.00
NGRID_A4_DSASP 323807	35.97 -4.71 0.05	39.79 -4.46 0.00	32.64 -3.73 0.00	39.24 -4.41 0.00	39.58 -4.65 0.00	38.80 -4.28 0.00	45.48 -7.08 1.05	39.72 -5.87 0.00	62.79 -9.57 0.01	30.91 -4.88 0.16	26.75 -3.91 0.00	27.62 -4.08 0.00	30.85 -4.41 0.00	28.69 -3.99 0.00	29.55 -4.13 0.00	25.32 -4.38 4.86	26.36 -3.92 2.99	27.31 -4.08 2.83	27.90 -4.30 4.00	26.15 -5.12 10.37	25.91 -4.70 8.68	24.23 -5.23 12.43	24.33 -4.09 6.62	26.73 -2.97 0.00
NIAGARA_115E_LBMP 323715	35.91 -4.77 0.05	39.41 -4.84 0.00	32.38 -4.00 0.00	38.91 -4.74 0.00	39.23 -5.01 0.00	38.51 -4.56 0.00	45.37 -7.18 1.06	39.93 -5.66 0.00	63.11 -9.25 0.01	31.04 -4.76 0.16	26.86 -3.80 0.00	27.70 -4.00 0.00	30.91 -4.35 0.00	28.77 -3.92 0.00	29.46 -4.22 0.00	25.37 -4.33 4.86	26.46 -3.83 2.98	27.44 -3.95 2.83	28.03 -4.17 3.99	26.32 -4.95 10.37	26.05 -4.56 8.67	24.34 -5.12 12.42	24.42 -4.00 6.62	26.73 -2.97 0.00
NIAGARA_115W_LBMP 323714	35.90 -4.79 0.05	39.74 -4.52 0.00	32.60 -3.77 0.00	39.18 -4.47 0.00	39.52 -4.71 0.00	38.74 -4.33 0.00	45.38 -7.17 1.06	39.61 -5.98 0.00	62.62 -9.74 0.01	30.82 -4.97 0.16	26.67 -3.98 0.00	27.55 -4.15 0.00	30.76 -4.49 0.00	28.63 -4.05 0.00	29.48 -4.20 0.00	25.24 -4.45 4.86	26.28 -4.01 2.99	27.23 -4.17 2.83	27.80 -4.40 4.00	26.04 -5.22 10.38	25.80 -4.80 8.68	24.12 -5.33 12.43	24.25 -4.17 6.62	26.67 -3.03 0.00
NIAGARA_230_LBMP 323716	36.27 -4.41 0.05	39.93 -4.32 0.00	32.74 -3.63 0.00	39.36 -4.28 0.00	39.72 -4.52 0.00	38.91 -4.16 0.00	45.94 -6.59 1.08	40.39 -5.20 0.00	63.80 -8.56 0.01	31.40 -4.39 0.16	27.14 -3.52 0.00	28.05 -3.66 0.00	31.32 -3.94 0.00	29.12 -3.56 0.00	29.88 -3.80 0.00	25.73 -3.96 4.88	26.78 -3.49 2.99	27.74 -3.65 2.84	28.35 -3.84 4.01	26.67 -4.56 10.40	26.43 -4.16 8.70	24.74 -4.68 12.46	24.75 -3.66 6.64	26.98 -2.73 0.00
NIAGARA___115KV_198_GIBSON 55903	35.91 -4.77 0.05	39.72 -4.54 0.00	32.58 -3.79 0.00	39.18 -4.47 0.00	39.54 -4.69 0.00	38.74 -4.33 0.00	45.38 -7.17 1.06	39.62 -5.98 0.00	62.60 -9.76 0.01	30.84 -4.95 0.16	26.67 -3.98 0.00	27.55 -4.15 0.00	30.77 -4.49 0.00	28.63 -4.05 0.00	29.48 -4.21 0.00	25.17 -4.52 4.86	26.25 -4.03 2.99	27.20 -4.19 2.83	27.79 -4.41 4.00	26.00 -5.26 10.37	25.71 -4.90 8.68	24.03 -5.42 12.43	24.20 -4.22 6.62	26.67 -3.03 0.00
NIAGARA____ 23760	36.27 -4.41 0.05	39.93 -4.32 0.00	32.74 -3.63 0.00	39.36 -4.28 0.00	39.72 -4.52 0.00	38.91 -4.16 0.00	45.95 -6.59 1.07	40.39 -5.20 0.00	63.80 -8.56 0.01	31.40 -4.39 0.16	27.14 -3.52 0.00	28.05 -3.66 0.00	31.32 -3.94 0.00	29.12 -3.56 0.00	29.88 -3.80 0.00	25.73 -3.96 4.87	26.78 -3.49 2.99	27.74 -3.65 2.83	28.36 -3.84 4.00	26.69 -4.56 10.38	26.44 -4.16 8.69	24.76 -4.68 12.44	24.76 -3.66 6.62	26.98 -2.73 0.00
NINE_MILE_1 23575	38.49 -2.00 0.24	42.07 -2.18 0.00	34.58 -1.79 0.00	41.48 -2.17 0.00	42.03 -2.21 0.00	41.08 -2.00 0.00	50.86 -2.48 0.27	43.63 -1.97 0.00	68.99 -3.34 0.05	33.42 -1.73 0.80	29.13 -1.53 0.00	30.09 -1.61 0.00	33.44 -1.82 0.00	30.99 -1.70 0.00	31.86 -1.82 0.00	25.86 -1.88 6.82	27.37 -1.72 4.18	28.56 -1.70 3.97	28.81 -1.78 5.60	25.01 -2.08 14.55	25.18 -1.94 12.17	22.32 -2.14 17.43	23.93 -1.82 9.28	28.20 -1.50 0.00
NINE_MILE_2 23744	38.49 -2.00 0.25	42.07 -2.18 0.00	34.58 -1.79 0.00	41.48 -2.17 0.00	42.04 -2.20 0.00	41.08 -1.99 0.00	50.86 -2.48 0.27	43.63 -1.96 0.00	68.99 -3.33 0.05	33.41 -1.73 0.81	29.13 -1.52 0.00	30.10 -1.60 0.00	33.45 -1.81 0.00	30.99 -1.70 0.00	31.87 -1.81 0.00	25.85 -1.88 6.84	27.36 -1.71 4.20	28.55 -1.69 3.98	28.79 -1.78 5.62	24.96 -2.08 14.60	25.14 -1.94 12.21	22.27 -2.13 17.49	23.90 -1.82 9.31	28.21 -1.49 0.00
NM_CAPITAL___DRP 24208	41.49 0.76 0.00	44.86 0.61 0.00	36.92 0.55 0.00	44.22 0.57 0.00	44.90 0.66 0.00	43.92 0.85 0.00	55.22 1.61 0.00	46.95 1.36 0.00	74.20 1.84 0.00	36.68 0.72 0.00	31.06 0.41 0.00	32.08 0.38 0.00	35.59 0.34 0.00	33.01 0.32 0.00	34.15 0.47 0.00	34.89 0.72 0.39	34.03 1.00 0.24	35.20 1.21 0.23	37.14 1.27 0.32	42.12 1.33 0.84	39.85 1.27 0.70	41.91 1.04 1.01	35.25 0.75 0.54	30.44 0.74 0.00
NM_CENTRAL___DRP 24181	39.24 -1.46 0.03	42.64 -1.61 0.00	35.02 -1.35 0.00	42.05 -1.60 0.00	42.62 -1.62 0.00	41.76 -1.31 0.00	52.28 -1.61 -0.28	44.44 -1.16 0.00	70.26 -2.10 0.00	34.70 -1.16 0.09	29.55 -1.10 0.00	30.52 -1.18 0.00	33.91 -1.35 0.00	31.42 -1.26 0.00	32.31 -1.38 0.00	28.33 -1.43 4.81	29.12 -1.20 2.95	30.30 -1.12 2.79	31.07 -1.17 3.95	29.99 -1.39 10.25	29.38 -1.33 8.57	28.06 -1.54 12.28	27.17 -1.33 6.54	28.61 -1.09 0.00
NM_FRONTIER___DRP 24179	35.91 -4.77 0.05	39.72 -4.54 0.00	32.58 -3.79 0.00	39.18 -4.47 0.00	39.54 -4.69 0.00	38.74 -4.33 0.00	45.38 -7.17 1.06	39.62 -5.98 0.00	62.60 -9.76 0.01	30.84 -4.95 0.16	26.67 -3.98 0.00	27.55 -4.15 0.00	30.77 -4.49 0.00	28.63 -4.05 0.00	29.48 -4.21 0.00	25.17 -4.52 4.86	26.25 -4.03 2.99	27.20 -4.19 2.83	27.79 -4.41 4.00	26.00 -5.26 10.37	25.71 -4.90 8.68	24.03 -5.42 12.43	24.20 -4.22 6.62	26.67 -3.03 0.00
NM_ST_REGIS___HYD 24053	41.87 1.14 0.00	45.83 1.58 0.00	37.66 1.28 0.00	45.20 1.55 0.00	45.75 1.51 0.00	44.09 1.02 0.00	54.00 0.39 0.00	45.76 0.16 0.00	73.29 0.92 0.00	36.49 0.54 0.00	31.31 0.66 0.00	32.36 0.66 0.00	36.30 1.05 0.00	33.78 1.10 0.00	34.85 1.17 0.00	34.65 0.83 0.75	33.12 0.31 0.46	33.84 0.06 0.43	35.59 0.01 0.61	40.09 0.05 1.59	38.01 0.06 1.33	40.40 0.42 1.91	34.40 0.37 1.02	30.23 0.53 0.00

NORTHPORT___1 23551	45.78 2.96 -2.10	48.08 2.83 -1.00	50.40 2.39 -11.64	46.46 2.82 0.00	47.05 2.81 0.00	46.23 3.16 0.00	58.05 4.45 0.00	49.61 4.02 0.00	78.09 5.68 -0.05	38.73 2.72 -0.06	32.71 2.05 0.00	33.94 2.24 0.00	37.62 2.36 0.00	34.76 2.07 0.00	38.28 2.38 -2.22	36.68 2.53 0.42	35.71 2.77 0.33	39.96 3.27 -2.47	39.37 3.62 0.44	45.12 4.03 0.54	41.98 3.65 0.96	43.69 3.20 1.38	36.98 2.67 0.73	37.00 2.30 -4.99
NORTHPORT___2 23552	45.80 2.97 -2.10	48.10 2.85 -1.00	50.43 2.42 -11.64	46.50 2.85 0.00	47.06 2.83 0.00	46.21 3.14 0.00	58.03 4.43 0.00	49.56 3.97 0.00	77.96 5.55 -0.05	38.70 2.69 -0.06	32.67 2.02 0.00	33.93 2.23 0.00	37.62 2.36 0.00	34.76 2.07 0.00	38.31 2.40 -2.22	36.65 2.51 0.42	35.68 2.75 0.33	39.92 3.23 -2.47	39.32 3.56 0.44	45.08 3.99 0.54	41.93 3.61 0.96	43.62 3.11 1.38	36.92 2.62 0.73	36.98 2.28 -4.99
NORTHPORT___3 23553	45.44 2.61 -2.10	47.72 2.46 -1.00	50.09 2.08 -11.64	46.10 2.45 0.00	46.66 2.42 0.00	45.78 2.70 0.00	57.39 3.78 0.00	49.03 3.43 0.00	77.24 4.82 -0.05	38.36 2.35 -0.06	32.47 1.81 0.00	33.68 1.98 0.00	37.34 2.08 0.00	34.51 1.83 0.00	38.01 2.11 -2.22	36.39 2.25 0.42	35.31 2.37 0.33	39.52 2.84 -2.47	38.87 3.12 0.44	44.57 3.47 0.54	41.47 3.14 0.96	43.19 2.69 1.38	36.62 2.32 0.73	36.70 2.01 -4.99
NORTHPORT___4 23650	45.44 2.61 -2.10	47.72 2.46 -1.00	50.09 2.08 -11.64	46.10 2.45 0.00	46.66 2.42 0.00	45.78 2.70 0.00	57.39 3.78 0.00	49.03 3.43 0.00	77.24 4.82 -0.05	38.36 2.35 -0.06	32.47 1.81 0.00	33.68 1.98 0.00	37.34 2.08 0.00	34.51 1.83 0.00	38.01 2.11 -2.22	36.39 2.25 0.42	35.31 2.37 0.33	39.52 2.84 -2.47	38.87 3.12 0.44	44.57 3.47 0.54	41.47 3.14 0.96	43.19 2.69 1.38	36.62 2.32 0.73	36.70 2.01 -4.99
NORTHPORT___IC 23718	45.80 2.97 -2.10	48.10 2.85 -1.00	50.43 2.42 -11.64	46.50 2.85 0.00	47.06 2.83 0.00	46.21 3.14 0.00	58.03 4.43 0.00	49.56 3.97 0.00	77.96 5.55 -0.05	38.70 2.69 -0.06	32.67 2.02 0.00	33.93 2.23 0.00	37.62 2.36 0.00	34.76 2.07 0.00	38.31 2.40 -2.22	36.65 2.51 0.42	35.68 2.75 0.33	39.92 3.23 -2.47	39.32 3.56 0.44	45.08 3.99 0.54	41.93 3.61 0.96	43.62 3.11 1.38	36.92 2.62 0.73	36.98 2.28 -4.99
NORTH___COUNTRY_ESR 323785	42.68 1.95 0.00	46.72 2.47 0.00	38.38 2.01 0.00	46.06 2.41 0.00	46.57 2.33 0.00	45.00 1.93 0.00	55.12 1.51 0.00	46.55 0.95 0.00	74.76 2.39 0.00	37.00 1.05 0.00	31.91 1.26 0.00	33.03 1.33 0.00	36.94 1.68 0.00	34.33 1.65 0.00	35.45 1.77 0.00	35.78 1.57 0.36	34.12 1.08 0.22	34.77 0.76 0.21	36.76 0.86 0.29	41.75 0.88 0.76	39.49 0.84 0.64	42.27 1.31 0.91	35.66 1.11 0.49	30.88 1.18 0.00
NPX_GEN_1385_PROXY 323591	46.26 3.43 -2.10	48.41 3.16 -1.00	50.88 2.87 -11.64	47.01 3.37 0.00	48.65 3.10 -1.31	46.45 3.40 0.02	58.92 5.31 0.00	50.14 4.54 0.00	78.20 5.79 -0.05	38.80 2.79 -0.06	32.24 1.58 0.00	33.76 2.06 0.00	37.57 2.31 0.00	34.72 2.04 0.00	38.51 2.60 -2.22	36.41 2.27 0.42	35.78 2.85 0.33	40.04 3.35 -2.47	39.55 3.80 0.44	45.52 4.43 0.54	42.28 3.95 0.96	43.61 3.10 1.38	36.76 2.46 0.73	37.07 2.37 -4.99
NPX_GEN_CSC 323557	46.31 3.47 -2.10	48.61 3.36 -1.00	50.85 2.84 -11.64	46.96 3.32 0.00	48.93 3.38 -1.31	46.88 3.83 0.02	58.91 5.31 0.00	50.38 4.78 0.00	79.08 6.67 -0.05	39.06 3.05 -0.06	32.96 2.30 0.00	34.15 2.45 0.00	37.79 2.53 0.00	34.92 2.24 0.00	38.52 2.62 -2.22	37.09 2.95 0.42	36.17 3.24 0.33	40.54 3.86 -2.47	40.02 4.27 0.44	45.86 4.76 0.54	42.66 4.34 0.96	44.46 3.96 1.38	37.59 3.28 0.73	37.46 2.76 -4.99
NSINS_S_GLNS_FALLS 23858	41.58 0.84 0.00	45.09 0.83 0.00	37.11 0.74 0.00	44.47 0.83 0.00	45.25 1.01 0.00	44.41 1.34 0.00	55.93 2.32 0.00	47.71 2.11 0.00	75.01 2.65 0.00	36.75 0.80 0.00	31.08 0.43 0.00	32.05 0.35 0.00	35.59 0.33 0.00	33.05 0.36 0.00	34.36 0.68 0.00	35.29 1.11 0.38	34.56 1.53 0.24	35.65 1.66 0.22	37.68 1.80 0.31	42.73 1.91 0.82	40.21 1.61 0.68	42.27 1.37 0.98	35.46 0.94 0.52	30.58 0.88 0.00
NUCOR_STEEL___DRP 24197	39.87 -0.85 0.02	43.32 -0.93 0.00	35.58 -0.79 0.00	42.74 -0.90 0.00	43.33 -0.90 0.00	42.45 -0.62 0.00	54.23 -0.68 -1.30	45.22 -0.38 0.00	71.38 -0.99 0.00	35.20 -0.69 0.06	29.97 -0.68 0.00	30.93 -0.77 0.00	34.35 -0.91 0.00	31.90 -0.78 0.00	32.74 -0.94 0.00	28.67 -0.92 4.97	29.62 -0.60 3.05	30.87 -0.45 2.89	31.63 -0.47 4.09	30.33 -0.70 10.61	29.90 -0.52 8.88	28.31 -0.87 12.71	27.46 -0.81 6.77	29.12 -0.58 0.00
NUMBER_THREE_WT_PWR 323818	41.53 0.81 0.01	45.15 0.90 0.00	37.09 0.72 0.00	44.53 0.88 0.00	45.18 0.95 0.00	44.11 1.04 0.00	55.08 1.48 0.01	46.94 1.35 0.00	74.26 1.89 0.00	36.58 0.65 0.02	31.15 0.50 0.00	32.18 0.48 0.00	35.77 0.51 0.00	33.24 0.56 0.00	34.35 0.67 0.00	33.32 0.73 1.97	32.87 0.82 1.21	34.03 0.96 1.15	35.56 0.99 1.62	38.52 1.10 4.21	36.72 0.96 3.52	37.76 0.93 5.04	33.00 0.65 2.69	30.23 0.53 0.00
NYISO_LBMP_REFERENCE 24008	40.73 0.00 0.00	44.25 0.00 0.00	36.37 0.00 0.00	43.65 0.00 0.00	44.24 0.00 0.00	43.07 0.00 0.00	53.61 0.00 0.00	45.59 0.00 0.00	72.37 0.00 0.00	35.95 0.00 0.00	30.65 0.00 0.00	31.70 0.00 0.00	35.26 0.00 0.00	32.68 0.00 0.00	33.68 0.00 0.00	34.56 0.00 0.00	33.27 0.00 0.00	34.22 0.00 0.00	36.19 0.00 0.00	41.63 0.00 0.00	39.29 0.00 0.00	41.88 0.00 0.00	35.04 0.00 0.00	29.70 0.00 0.00
NYPA_BRENTWD___GT 24164	46.18 3.35 -2.10	48.49 3.23 -1.00	50.73 2.72 -11.64	46.85 3.20 0.00	47.46 3.22 0.00	46.66 3.59 0.00	58.54 4.93 0.00	50.06 4.47 0.00	78.90 6.49 -0.05	39.08 3.07 -0.06	32.99 2.34 0.00	34.21 2.51 0.00	37.90 2.64 0.00	35.02 2.33 0.00	38.58 2.68 -2.22	37.01 2.87 0.42	36.09 3.15 0.33	40.40 3.71 -2.47	39.85 4.10 0.44	45.67 4.57 0.54	42.48 4.15 0.96	44.21 3.71 1.38	37.38 3.08 0.73	37.31 2.61 -4.99
NYPA_GOWANUS___GT5 24156	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.09 3.49 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00
NYPA_GOWANUS___GT6 24157	43.00 2.27 0.00	46.35 2.10 0.00	38.14 1.76 0.00	45.71 2.07 0.00	46.30 2.06 0.00	45.58 2.51 0.00	57.29 3.68 0.00	49.09 3.49 0.00	79.57 5.37 -1.84	40.87 2.61 -2.31	32.71 2.01 -0.04	33.86 2.15 -0.01	37.48 2.22 0.00	34.52 1.84 0.00	35.56 1.88 0.00	36.05 2.02 0.54	35.19 2.26 0.33	36.56 2.66 0.31	38.66 2.91 0.44	43.79 3.31 1.15	41.31 2.98 0.96	42.99 2.48 1.38	36.42 2.12 0.73	31.42 1.72 0.00

NYPA_HARLEM__RVR__GT1 24160	42.69 1.96 0.00	45.97 1.72 0.00	37.88 1.51 0.00	45.34 1.69 0.00	45.97 1.73 0.00	45.26 2.18 0.00	57.03 3.42 0.00	48.81 3.22 0.00	78.77 4.85 -1.55	39.41 2.36 -1.09	32.47 1.81 -0.01	33.66 1.94 -0.02	37.27 2.01 0.00	34.32 1.64 -0.01	35.40 1.72 0.00	35.82 1.80 0.54	34.97 2.03 0.33	36.33 2.42 0.31	38.41 2.66 0.44	43.53 3.04 1.15	41.07 2.74 0.96	42.77 2.27 1.38	36.21 1.90 0.73	31.27 1.57 0.00
NYPA_HARLEM__RVR__GT2 24161	42.69 1.96 0.00	45.97 1.72 0.00	37.88 1.51 0.00	45.34 1.69 0.00	45.97 1.73 0.00	45.26 2.18 0.00	57.03 3.42 0.00	48.81 3.22 0.00	78.77 4.85 -1.55	39.41 2.36 -1.09	32.47 1.81 -0.01	33.66 1.94 -0.02	37.27 2.01 0.00	34.32 1.64 -0.01	35.40 1.72 0.00	35.82 1.80 0.54	34.97 2.03 0.33	36.33 2.42 0.31	38.41 2.66 0.44	43.53 3.04 1.15	41.07 2.74 0.96	42.77 2.27 1.38	36.21 1.90 0.73	31.27 1.57 0.00
NYPA_KENT____GT 24152	42.94 2.21 0.00	46.27 2.02 0.00	38.08 1.70 0.00	45.63 1.99 0.00	46.23 2.00 0.00	45.51 2.44 0.00	57.26 3.65 0.00	49.05 3.45 0.00	79.51 5.30 -1.84	40.83 2.57 -2.31	32.67 1.97 -0.04	33.82 2.11 -0.01	37.44 2.18 0.00	34.48 1.80 0.00	35.53 1.85 0.00	36.01 1.99 0.54	35.14 2.21 0.33	36.52 2.61 0.31	38.60 2.84 0.44	43.71 3.22 1.15	41.23 2.90 0.96	42.93 2.43 1.38	36.36 2.05 0.73	31.36 1.66 0.00
NYPA_POUCH1____GT 24155	42.92 2.19 0.00	46.28 2.02 0.00	38.09 1.72 0.00	45.64 2.00 0.00	46.22 1.98 0.00	45.50 2.43 0.00	57.13 3.52 0.00	48.93 3.34 0.00	79.29 5.08 -1.84	40.75 2.49 -2.31	32.58 1.89 -0.04	33.74 2.02 -0.01	37.34 2.08 0.00	34.40 1.72 0.00	35.42 1.74 0.00	35.90 1.87 0.54	35.06 2.12 0.33	36.42 2.52 0.31	38.52 2.77 0.44	43.64 3.16 1.15	41.13 2.83 0.99	42.74 2.33 1.46	36.32 2.02 0.73	31.34 1.63 0.00
NYPA_VERNON____GT2 24162	42.88 2.14 0.00	46.19 1.94 0.00	38.01 1.64 0.00	45.55 1.90 0.00	46.16 1.93 0.00	45.44 2.36 0.00	57.24 3.63 0.00	49.03 3.44 0.00	79.42 5.21 -1.84	40.78 2.52 -2.31	32.62 1.93 -0.04	33.78 2.06 -0.01	37.41 2.15 0.00	34.44 1.75 0.00	35.49 1.81 0.00	35.97 1.95 0.54	35.10 2.16 0.33	36.47 2.57 0.31	38.55 2.80 0.44	43.63 3.14 1.15	41.16 2.84 0.96	42.86 2.36 1.38	36.28 1.98 0.73	31.30 1.60 0.00
NYPA_VERNON____GT3 24163	42.88 2.14 0.00	46.19 1.94 0.00	38.01 1.64 0.00	45.55 1.90 0.00	46.16 1.93 0.00	45.44 2.36 0.00	57.24 3.63 0.00	49.03 3.44 0.00	79.42 5.21 -1.84	40.78 2.52 -2.31	32.62 1.93 -0.04	33.78 2.06 -0.01	37.41 2.15 0.00	34.44 1.75 0.00	35.49 1.81 0.00	35.97 1.95 0.54	35.10 2.16 0.33	36.47 2.57 0.31	38.55 2.80 0.44	43.63 3.14 1.15	41.16 2.84 0.96	42.86 2.36 1.38	36.28 1.98 0.73	31.30 1.60 0.00
NYPA__ASTORIA_CC1 323568	42.80 2.07 0.00	46.12 1.87 0.00	37.95 1.58 0.00	45.49 1.84 0.00	46.10 1.86 0.00	45.37 2.30 0.00	57.16 3.55 0.00	48.97 3.37 0.00	79.31 5.11 -1.84	40.72 2.46 -2.31	32.56 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.42 1.74 0.00	35.90 1.87 0.54	35.03 2.09 0.33	36.40 2.50 0.31	38.48 2.73 0.44	43.54 3.05 1.15	41.07 2.75 0.96	42.76 2.27 1.38	36.21 1.90 0.73	31.24 1.54 0.00
NYPA__ASTORIA_CC2 323569	42.80 2.07 0.00	46.12 1.87 0.00	37.95 1.58 0.00	45.49 1.84 0.00	46.10 1.86 0.00	45.37 2.30 0.00	57.16 3.55 0.00	48.97 3.37 0.00	79.31 5.11 -1.84	40.72 2.46 -2.31	32.56 1.86 -0.04	33.71 2.00 -0.01	37.34 2.08 0.00	34.36 1.68 0.00	35.42 1.74 0.00	35.90 1.87 0.54	35.03 2.09 0.33	36.40 2.50 0.31	38.48 2.73 0.44	43.54 3.05 1.15	41.07 2.75 0.96	42.76 2.27 1.38	36.21 1.90 0.73	31.24 1.54 0.00
NYPA__HOLTSVILL 23794	46.00 3.17 -2.10	48.30 3.04 -1.00	50.57 2.56 -11.64	46.66 3.01 0.00	47.27 3.03 0.00	46.50 3.43 0.00	58.39 4.78 0.00	49.93 4.34 0.00	78.52 6.10 -0.05	38.86 2.85 -0.06	32.81 2.16 0.00	34.02 2.32 0.00	37.67 2.41 0.00	34.82 2.14 0.00	38.38 2.47 -2.22	36.86 2.71 0.42	35.90 2.97 0.33	40.22 3.53 -2.47	39.66 3.91 0.44	45.44 4.35 0.54	42.27 3.94 0.96	44.03 3.52 1.38	37.25 2.95 0.73	37.19 2.49 -4.99
NYPA__HELLGATE_GT1 24158	42.69 1.96 0.00	45.97 1.72 0.00	37.88 1.51 0.00	45.34 1.69 0.00	45.97 1.73 0.00	45.26 2.19 0.00	57.07 3.46 0.00	48.84 3.24 0.00	78.84 4.92 -1.55	41.12 2.38 -2.79	32.50 1.81 -0.05	33.63 1.94 0.01	37.26 2.01 0.01	34.32 1.64 0.00	35.40 1.72 0.00	35.82 1.80 0.54	34.97 2.03 0.33	36.33 2.42 0.31	38.41 2.66 0.44	43.53 3.04 1.15	41.07 2.74 0.96	42.77 2.27 1.38	36.21 1.90 0.73	31.27 1.57 0.00
NYPA__HELLGATE_GT2 24159	42.69 1.96 0.00	45.97 1.72 0.00	37.88 1.51 0.00	45.34 1.69 0.00	45.97 1.73 0.00	45.26 2.19 0.00	57.07 3.46 0.00	48.84 3.24 0.00	78.84 4.92 -1.55	41.12 2.38 -2.79	32.50 1.81 -0.05	33.63 1.94 0.01	37.26 2.01 0.01	34.32 1.64 0.00	35.40 1.72 0.00	35.82 1.80 0.54	34.97 2.03 0.33	36.33 2.42 0.31	38.41 2.66 0.44	43.53 3.04 1.15	41.07 2.74 0.96	42.77 2.27 1.38	36.21 1.90 0.73	31.27 1.57 0.00
NYS_BARGE__HYD 23848	36.64 -4.04 0.05	40.24 -4.02 0.00	33.03 -3.34 0.00	39.70 -3.94 0.00	40.05 -4.19 0.00	39.32 -3.76 0.00	46.36 -6.09 1.15	40.89 -4.70 0.00	64.57 -7.79 0.01	31.74 -4.05 0.16	27.43 -3.22 0.00	28.29 -3.42 0.00	31.56 -3.71 0.00	29.35 -3.34 0.00	30.07 -3.61 0.00	25.98 -3.70 4.89	27.06 -3.20 3.00	28.10 -3.27 2.84	28.74 -3.43 4.01	27.09 -4.12 10.42	26.80 -3.77 8.72	25.08 -4.31 12.48	25.02 -3.37 6.65	27.23 -2.47 0.00
OAK_ORCHARD__HYD 24046	38.14 -2.54 0.05	41.72 -2.53 0.00	34.23 -2.14 0.00	41.14 -2.51 0.00	41.61 -2.63 0.00	40.78 -2.29 0.00	48.47 -3.50 1.64	43.03 -2.56 0.00	68.00 -4.36 0.01	33.46 -2.32 0.17	28.73 -1.92 0.00	29.66 -2.04 0.00	33.03 -2.23 0.00	30.64 -2.05 0.00	31.49 -2.19 0.00	27.31 -2.23 5.02	28.33 -1.85 3.09	29.45 -1.85 2.92	30.17 -1.90 4.13	28.61 -2.30 10.72	28.20 -2.12 8.97	26.53 -2.51 12.84	26.16 -2.04 6.84	28.11 -1.59 0.00
OAKDALE__35_KV_LOAD 356122	40.28 -0.43 0.02	43.80 -0.45 0.00	35.95 -0.42 0.00	43.23 -0.42 0.00	43.79 -0.45 0.00	42.87 -0.20 0.00	54.58 0.01 -0.96	45.78 0.18 0.00	72.14 -0.23 0.00	35.62 -0.28 0.06	30.33 -0.32 0.00	31.35 -0.34 0.00	34.82 -0.43 0.00	32.28 -0.40 0.00	33.15 -0.53 0.00	30.86 -0.51 3.19	31.13 -0.18 1.96	32.33 -0.04 1.86	33.53 -0.04 2.63	34.75 -0.07 6.81	33.51 -0.08 5.70	33.42 -0.30 8.16	30.38 -0.31 4.35	29.46 -0.24 0.00
OCC_CHEM__DRP 24175	35.98 -4.70 0.05	39.77 -4.48 0.00	32.63 -3.75 0.00	39.24 -4.41 0.00	39.59 -4.65 0.00	38.80 -4.27 0.00	45.48 -7.07 1.05	39.73 -5.87 0.00	62.77 -9.59 0.01	30.92 -4.87 0.16	26.74 -3.91 0.00	27.62 -4.08 0.00	30.85 -4.41 0.00	28.70 -3.99 0.00	29.54 -4.14 0.00	25.25 -4.45 4.86	26.33 -3.96 2.99	27.28 -4.11 2.83	27.88 -4.32 4.00	26.12 -5.15 10.37	25.81 -4.80 8.68	24.12 -5.34 12.43	24.28 -4.13 6.62	26.73 -2.97 0.00

OH_GEN_PROXY 24063	36.35 -4.33 0.05	40.01 -4.24 0.00	32.81 -3.56 0.00	39.45 -4.20 0.00	41.11 -4.43 -1.31	38.97 -4.08 0.02	46.14 -6.41 1.06	40.56 -5.04 0.00	64.05 -8.31 0.01	31.53 -4.26 0.16	27.23 -3.42 0.00	28.16 -3.54 0.00	31.44 -3.82 0.00	29.22 -3.47 0.00	29.98 -3.70 0.00	25.84 -3.86 4.87	26.89 -3.39 2.99	27.85 -3.54 2.83	28.47 -3.73 4.00	26.82 -4.43 10.38	26.56 -4.05 8.69	24.88 -4.56 12.44	24.84 -3.57 6.63	27.01 -2.69 0.00
OLIN_CORP_DRP 24177	35.99 -4.69 0.05	39.47 -4.78 0.00	32.43 -3.95 0.00	38.98 -4.67 0.00	39.32 -4.91 0.00	38.59 -4.48 0.00	45.51 -7.06 1.04	40.03 -5.57 0.00	63.23 -9.13 0.01	31.12 -4.67 0.16	26.92 -3.73 0.00	27.76 -3.94 0.00	30.96 -4.30 0.00	28.83 -3.85 0.00	29.51 -4.17 0.00	25.38 -4.34 4.85	26.51 -3.78 2.98	27.49 -3.91 2.82	28.11 -4.10 3.99	26.40 -4.88 10.35	26.07 -4.56 8.66	24.37 -5.11 12.40	24.45 -3.98 6.60	26.79 -2.91 0.00
OLIN_CORP_DSASP 323712	35.97 -4.71 0.05	39.79 -4.46 0.00	32.64 -3.73 0.00	39.24 -4.41 0.00	39.58 -4.65 0.00	38.80 -4.28 0.00	45.48 -7.08 1.05	39.72 -5.87 0.00	62.79 -9.57 0.01	30.91 -4.88 0.16	26.75 -3.91 0.00	27.62 -4.08 0.00	30.85 -4.41 0.00	28.69 -3.99 0.00	29.55 -4.13 0.00	25.32 -4.38 4.86	26.36 -3.92 2.99	27.31 -4.08 2.83	27.90 -4.30 4.00	26.15 -5.12 10.37	25.91 -4.70 8.68	24.23 -5.23 12.43	24.33 -4.09 6.62	26.73 -2.97 0.00
ONEIDA_HERK_LFGE 323681	41.67 0.94 0.01	45.24 0.99 0.00	37.17 0.80 0.00	44.63 0.98 0.00	45.28 1.05 0.00	44.29 1.22 0.00	55.37 1.77 0.01	47.18 1.59 0.00	74.66 2.30 0.00	36.83 0.90 0.02	31.33 0.68 0.00	32.35 0.65 0.00	35.96 0.70 0.00	33.35 0.67 0.00	34.45 0.77 0.00	33.89 0.87 1.54	33.32 1.00 0.95	34.48 1.16 0.90	36.14 1.22 1.27	39.70 1.36 3.29	37.75 1.21 2.76	39.10 1.16 3.95	33.79 0.86 2.10	30.40 0.70 0.00
ONEIDA___115KV_TB4 55905	41.54 0.83 0.02	45.10 0.85 0.00	37.05 0.68 0.00	44.49 0.84 0.00	45.15 0.92 0.00	44.25 1.17 0.00	55.35 1.76 0.02	47.22 1.63 0.00	74.62 2.25 0.00	36.78 0.88 0.05	31.24 0.59 0.00	32.17 0.48 0.00	35.74 0.48 0.00	33.14 0.46 0.00	34.25 0.58 0.00	32.63 0.68 2.62	32.55 0.89 1.61	33.81 1.11 1.52	35.23 1.19 2.15	37.36 1.31 5.58	35.78 1.17 4.67	36.25 1.06 6.69	32.24 0.76 3.56	30.32 0.61 0.00
ONONDAGA_REF_OCCRA 23987	39.66 -1.05 0.03	43.09 -1.16 0.00	35.39 -0.98 0.00	42.49 -1.16 0.00	43.06 -1.17 0.00	42.21 -0.86 0.00	53.15 -0.99 -0.54	44.95 -0.65 0.00	71.04 -1.32 0.00	35.06 -0.81 0.08	29.84 -0.81 0.00	30.80 -0.90 0.00	34.24 -1.02 0.00	31.71 -0.97 0.00	32.63 -1.05 0.00	28.65 -1.11 4.80	29.46 -0.86 2.95	30.69 -0.74 2.79	31.49 -0.77 3.94	30.47 -0.93 10.24	29.84 -0.89 8.56	28.54 -1.08 12.26	27.54 -0.97 6.53	28.91 -0.79 0.00
ONONDAGA___COGEN 23986	39.65 -1.07 0.02	43.08 -1.17 0.00	35.36 -1.01 0.00	42.45 -1.20 0.00	43.02 -1.22 0.00	42.16 -0.91 0.00	53.55 -1.13 -1.07	44.82 -0.77 0.00	70.87 -1.50 0.00	35.02 -0.87 0.05	29.79 -0.86 0.00	30.76 -0.93 0.00	34.18 -1.08 0.00	31.68 -1.00 0.00	32.56 -1.12 0.00	28.29 -1.18 5.09	29.19 -0.95 3.12	30.41 -0.85 2.96	31.13 -0.89 4.18	29.70 -1.08 10.85	29.19 -1.02 9.08	27.67 -1.21 13.00	27.05 -1.07 6.92	28.84 -0.86 0.00
ONTARIO___LFGE 23819	39.79 -0.90 0.04	43.39 -0.87 0.00	35.61 -0.76 0.00	42.82 -0.83 0.00	43.37 -0.87 0.00	42.57 -0.50 0.00	67.14 -0.38 -13.91	45.57 -0.03 -0.01	71.68 -0.68 0.01	35.29 -0.54 0.11	30.09 -0.56 0.00	31.00 -0.70 0.00	34.29 -0.97 0.00	31.89 -0.79 0.00	32.63 -1.05 0.00	28.93 -0.85 4.78	29.87 -0.47 2.94	31.25 -0.19 2.78	32.04 -0.23 3.93	31.13 -0.30 10.20	30.42 -0.33 8.54	29.09 -0.57 12.22	27.92 -0.61 6.51	29.15 -0.55 0.00
ORANGEVILLE_WT_PWR 323706	37.01 -3.67 0.05	40.59 -3.66 0.00	33.37 -3.00 0.00	40.08 -3.57 0.00	40.38 -3.86 0.00	39.66 -3.41 0.00	47.14 -5.52 0.94	41.43 -4.16 0.00	65.37 -6.99 0.01	32.11 -3.68 0.16	27.79 -2.86 0.00	28.70 -2.99 0.00	32.05 -3.21 0.00	29.77 -2.92 0.00	30.49 -3.19 0.00	26.44 -3.31 4.82	27.52 -2.80 2.96	28.53 -2.89 2.80	29.18 -3.05 3.96	27.68 -3.68 10.28	27.34 -3.34 8.60	25.64 -3.92 12.31	25.40 -3.08 6.56	27.39 -2.31 0.00
ORANGEVILLE___ESR 323794	37.01 -3.67 0.05	40.59 -3.66 0.00	33.37 -3.00 0.00	40.08 -3.57 0.00	40.38 -3.86 0.00	39.66 -3.41 0.00	47.14 -5.52 0.94	41.43 -4.16 0.00	65.37 -6.99 0.01	32.11 -3.68 0.16	27.79 -2.86 0.00	28.70 -2.99 0.00	32.05 -3.21 0.00	29.77 -2.92 0.00	30.49 -3.19 0.00	26.44 -3.31 4.82	27.52 -2.80 2.96	28.53 -2.89 2.80	29.18 -3.05 3.96	27.68 -3.68 10.28	27.34 -3.34 8.60	25.64 -3.92 12.31	25.40 -3.08 6.56	27.39 -2.31 0.00
OSWEGATCHIE___HYD 24044	41.23 0.49 0.00	44.95 0.70 0.00	36.93 0.56 0.00	44.33 0.68 0.00	44.92 0.68 0.00	43.54 0.47 0.00	53.88 0.27 0.00	45.79 0.20 0.00	72.84 0.47 0.00	36.12 0.17 0.00	30.86 0.20 0.00	31.88 0.18 0.00	35.59 0.34 0.00	33.11 0.43 0.00	34.18 0.51 0.00	33.39 0.34 1.51	32.49 0.14 0.93	33.44 0.10 0.88	35.00 0.05 1.24	38.48 0.08 3.23	36.62 0.03 2.70	38.17 0.16 3.87	33.06 0.08 2.06	29.86 0.16 0.00
OSWEGO___5 23606	39.12 -1.69 -0.07	42.41 -1.85 0.00	34.85 -1.53 0.00	41.82 -1.83 0.00	42.36 -1.87 0.00	41.39 -1.68 0.00	51.61 -2.08 -0.08	43.98 -1.61 0.00	69.60 -2.78 -0.01	34.72 -1.48 -0.25	29.35 -1.30 0.00	30.32 -1.38 0.00	33.69 -1.58 0.00	31.20 -1.48 0.00	32.06 -1.62 0.00	26.63 -1.72 6.21	27.89 -1.56 3.81	29.06 -1.55 3.61	29.46 -1.63 5.10	26.48 -1.91 13.25	26.42 -1.78 11.09	24.04 -1.97 15.87	24.93 -1.66 8.45	28.38 -1.32 0.00
OSWEGO___6 23613	39.12 -1.69 -0.07	42.41 -1.85 0.00	34.85 -1.53 0.00	41.82 -1.83 0.00	42.36 -1.87 0.00	41.39 -1.68 0.00	51.61 -2.08 -0.08	43.98 -1.61 0.00	69.60 -2.78 -0.01	34.72 -1.48 -0.25	29.35 -1.30 0.00	30.32 -1.38 0.00	33.69 -1.58 0.00	31.20 -1.48 0.00	32.06 -1.62 0.00	26.63 -1.72 6.21	27.89 -1.56 3.81	29.06 -1.55 3.61	29.46 -1.63 5.10	26.48 -1.91 13.25	26.42 -1.78 11.09	24.04 -1.97 15.87	24.93 -1.66 8.45	28.38 -1.32 0.00
OUTOKUMPU-AB___DRP 24206	36.97 -3.71 0.05	40.67 -3.59 0.00	33.39 -2.98 0.00	40.13 -3.52 0.00	40.52 -3.72 0.00	39.75 -3.32 0.00	46.99 -5.59 1.03	41.18 -4.41 0.00	64.98 -7.38 0.01	32.00 -3.79 0.16	27.66 -2.99 0.00	28.54 -3.16 0.00	31.84 -3.42 0.00	29.61 -3.07 0.00	30.40 -3.28 0.00	26.19 -3.53 4.85	27.30 -2.99 2.98	28.33 -3.07 2.82	29.02 -3.20 3.98	27.43 -3.87 10.34	27.04 -3.61 8.65	25.38 -4.12 12.38	25.25 -3.19 6.60	27.44 -2.27 0.00
OXBOW___BTM 323836	36.49 -4.19 0.05	40.27 -3.98 0.00	33.04 -3.33 0.00	39.70 -3.94 0.00	40.06 -4.17 0.00	39.30 -3.77 0.00	46.27 -6.30 1.04	40.49 -5.10 0.00	63.98 -8.38 0.01	31.49 -4.31 0.16	27.23 -3.42 0.00	28.10 -3.60 0.00	31.37 -3.88 0.00	29.18 -3.50 0.00	30.00 -3.68 0.00	25.82 -3.89 4.85	26.87 -3.42 2.98	27.86 -3.53 2.82	28.50 -3.70 3.99	26.84 -4.44 10.36	26.56 -4.07 8.67	24.87 -4.60 12.40	24.84 -3.59 6.61	27.10 -2.60 0.00

OXBOW____ 24026	36.50 -4.18 0.05	40.26 -4.00 0.00	33.02 -3.35 0.00	39.71 -3.94 0.00	40.08 -4.16 0.00	39.30 -3.77 0.00	46.26 -6.30 1.04	40.50 -5.10 0.00	63.96 -8.40 0.01	31.50 -4.30 0.16	27.23 -3.42 0.00	28.10 -3.60 0.00	31.37 -3.88 0.00	29.19 -3.49 0.00	29.99 -3.69 0.00	25.74 -3.97 4.85	26.84 -3.45 2.98	27.84 -3.56 2.82	28.49 -3.71 3.99	26.81 -4.47 10.36	26.46 -4.16 8.66	24.78 -4.69 12.40	24.79 -3.64 6.61	27.11 -2.59 0.00
OXY_CHEM_DSASP 323612	35.98 -4.70 0.05	39.77 -4.48 0.00	32.63 -3.75 0.00	39.24 -4.41 0.00	39.59 -4.65 0.00	38.80 -4.27 0.00	45.48 -7.07 1.05	39.73 -5.87 0.00	62.77 -9.59 0.01	30.92 -4.87 0.16	26.74 -3.91 0.00	27.62 -4.08 0.00	30.85 -4.41 0.00	28.70 -3.99 0.00	29.54 -4.14 0.00	25.25 -4.45 4.86	26.33 -3.96 2.99	27.28 -4.11 2.83	27.88 -4.32 4.00	26.12 -5.15 10.37	25.81 -4.80 8.68	24.12 -5.34 12.43	24.28 -4.13 6.62	26.73 -2.97 0.00
OZONE_PARK_ESR 323760	43.13 2.39 0.00	46.48 2.23 0.00	38.22 1.85 0.00	45.82 2.18 0.00	46.43 2.20 0.00	45.72 2.65 0.00	57.65 4.04 0.00	49.40 3.80 0.00	79.69 5.77 -1.55	40.66 2.77 -1.95	32.83 2.14 -0.03	34.00 2.29 -0.01	37.66 2.40 0.00	34.75 2.07 0.00	35.81 2.13 0.00	36.32 2.30 0.54	35.43 2.49 0.33	36.83 2.93 0.31	38.95 3.20 0.44	44.02 3.54 1.15	41.53 3.20 0.96	43.27 2.77 1.38	36.60 2.30 0.73	31.56 1.86 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	35.98 -4.70 0.05	39.77 -4.48 0.00	32.63 -3.75 0.00	39.24 -4.41 0.00	39.59 -4.65 0.00	38.80 -4.27 0.00	45.48 -7.07 1.05	39.73 -5.87 0.00	62.77 -9.59 0.01	30.92 -4.87 0.16	26.74 -3.91 0.00	27.62 -4.08 0.00	30.85 -4.41 0.00	28.70 -3.99 0.00	29.54 -4.14 0.00	25.25 -4.45 4.86	26.33 -3.96 2.99	27.28 -4.11 2.83	27.88 -4.32 4.00	26.12 -5.15 10.37	25.81 -4.80 8.68	24.12 -5.34 12.43	24.28 -4.13 6.62	26.73 -2.97 0.00
PACKARD__115KV_DUPONT_184 80571	35.98 -4.70 0.05	39.77 -4.48 0.00	32.63 -3.75 0.00	39.24 -4.41 0.00	39.59 -4.65 0.00	38.80 -4.27 0.00	45.48 -7.07 1.05	39.73 -5.87 0.00	62.77 -9.59 0.01	30.92 -4.87 0.16	26.74 -3.91 0.00	27.62 -4.08 0.00	30.85 -4.41 0.00	28.70 -3.99 0.00	29.54 -4.14 0.00	25.25 -4.45 4.86	26.33 -3.96 2.99	27.28 -4.11 2.83	27.88 -4.32 4.00	26.12 -5.15 10.37	25.81 -4.80 8.68	24.12 -5.34 12.43	24.28 -4.13 6.62	26.73 -2.97 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	42.65 1.92 0.00	45.94 1.68 0.00	37.84 1.47 0.00	45.31 1.66 0.00	45.93 1.69 0.00	45.21 2.14 0.00	56.97 3.36 0.00	48.76 3.16 0.00	78.64 4.72 -1.55	38.26 2.23 -0.08	32.32 1.67 0.00	33.49 1.80 0.00	37.10 1.84 0.00	34.18 1.50 0.00	35.28 1.60 0.00	35.74 1.72 0.54	34.89 1.95 0.33	36.25 2.34 0.31	38.36 2.61 0.44	43.45 2.96 1.15	40.97 2.64 0.96	42.66 2.16 1.38	36.11 1.81 0.73	31.17 1.46 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	42.83 2.10 0.00	46.15 1.89 0.00	38.02 1.65 0.00	45.53 1.88 0.00	46.18 1.95 0.00	45.48 2.41 0.00	57.31 3.70 0.00	49.06 3.46 0.00	79.05 5.13 -1.55	38.44 2.41 -0.08	32.46 1.81 0.00	33.63 1.93 0.00	37.24 1.98 0.00	34.30 1.61 0.00	35.44 1.76 0.00	35.91 1.89 0.54	35.06 2.12 0.33	36.44 2.53 0.31	38.56 2.82 0.44	43.71 3.23 1.15	41.24 2.91 0.96	42.87 2.36 1.38	36.28 1.97 0.73	31.31 1.61 0.00
PATROON__115KV_TB1 80586	41.46 0.73 0.00	44.84 0.58 0.00	36.90 0.53 0.00	44.20 0.55 0.00	44.88 0.64 0.00	43.90 0.83 0.00	55.22 1.61 0.00	46.96 1.36 0.00	74.20 1.83 0.00	36.68 0.73 0.00	31.07 0.41 0.00	32.10 0.39 0.00	35.60 0.34 0.00	33.02 0.34 0.00	34.15 0.47 0.00	34.90 0.73 0.39	34.04 1.02 0.24	35.22 1.23 0.23	37.15 1.28 0.32	42.15 1.36 0.84	39.84 1.25 0.70	41.90 1.02 1.00	35.24 0.73 0.53	30.42 0.72 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	37.67 -3.02 0.05	41.32 -2.93 0.00	33.87 -2.50 0.00	40.78 -2.87 0.00	41.17 -3.07 0.00	40.34 -2.73 0.00	48.37 -4.46 0.78	42.34 -3.25 0.00	66.68 -5.68 0.01	32.79 -3.01 0.15	28.31 -2.34 0.00	29.26 -2.44 0.00	32.62 -2.64 0.00	30.31 -2.37 0.00	30.97 -2.71 0.00	26.88 -2.93 4.75	28.06 -2.29 2.92	29.09 -2.37 2.76	29.82 -2.47 3.90	28.46 -3.05 10.13	28.01 -2.80 8.48	26.46 -3.28 12.14	26.02 -2.55 6.47	27.93 -1.77 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	42.93 2.20 0.00	46.34 2.09 0.00	38.11 1.74 0.00	45.74 2.09 0.00	46.38 2.14 0.00	45.58 2.51 0.00	57.43 3.83 0.00	49.14 3.55 0.00	77.55 5.18 0.00	38.26 2.31 0.00	32.39 1.74 0.00	33.52 1.82 0.00	37.13 1.88 0.00	34.34 1.66 0.00	35.45 1.77 0.00	36.01 1.97 0.52	35.21 2.26 0.32	36.63 2.71 0.31	38.75 2.99 0.43	43.79 3.28 1.12	41.35 3.00 0.94	43.22 2.68 1.34	36.47 2.15 0.71	31.48 1.78 0.00
PEEKSKILL____ 23653	42.46 1.73 0.00	45.79 1.54 0.00	37.65 1.27 0.00	45.19 1.54 0.00	45.81 1.57 0.00	45.01 1.94 0.00	56.69 3.08 0.00	48.52 2.92 0.00	76.63 4.23 -0.03	37.88 1.89 -0.04	32.04 1.39 0.00	33.23 1.53 0.00	36.83 1.58 0.00	34.03 1.34 0.00	35.09 1.41 0.00	35.58 1.57 0.55	34.75 1.82 0.33	36.16 2.26 0.32	38.24 2.50 0.45	43.27 2.79 1.16	40.84 2.52 0.97	42.59 2.11 1.40	36.05 1.75 0.74	31.14 1.44 0.00
PGE MADISON__WINDPWR 24146	43.69 2.97 0.02	47.65 3.40 0.00	39.01 2.64 0.00	47.06 3.42 0.00	47.90 3.66 0.00	47.19 4.12 0.00	60.54 5.82 -1.11	50.80 5.20 0.00	79.59 7.23 0.00	38.88 2.98 0.05	32.83 2.18 0.00	33.78 2.08 0.00	37.47 2.21 0.00	34.86 2.17 0.00	35.93 2.24 0.00	33.95 2.53 3.14	34.27 2.93 1.93	35.82 3.43 1.83	37.31 3.70 2.58	39.11 4.18 6.71	37.53 3.85 5.61	37.55 3.71 8.03	33.65 2.90 4.28	32.05 2.34 0.00
PIERCEFIELD__HYD 23852	41.39 0.66 0.00	45.28 1.03 0.00	37.21 0.84 0.00	44.67 1.02 0.00	45.21 0.97 0.00	43.53 0.46 0.00	53.31 -0.30 0.00	45.18 -0.41 0.00	72.30 -0.07 0.00	36.08 0.13 0.00	30.92 0.27 0.00	31.97 0.27 0.00	35.88 0.63 0.00	33.40 0.72 0.00	34.44 0.76 0.00	34.13 0.38 0.82	32.65 -0.12 0.50	33.38 -0.37 0.47	35.06 -0.46 0.67	39.43 -0.46 1.74	37.41 -0.42 1.46	39.70 -0.09 2.09	33.89 -0.04 1.11	29.87 0.16 0.00
PINELAWN_CC_1 323563	45.79 2.96 -2.10	48.09 2.83 -1.00	50.39 2.38 -11.64	46.43 2.78 0.00	47.04 2.81 0.00	46.27 3.20 0.00	58.10 4.49 0.00	49.72 4.13 0.00	78.29 5.88 -0.05	38.79 2.78 -0.06	32.74 2.09 0.00	33.93 2.23 0.00	37.58 2.32 0.00	34.74 2.06 0.00	38.27 2.37 -2.22	36.69 2.54 0.42	35.75 2.82 0.33	40.06 3.37 -2.47	39.47 3.72 0.44	45.21 4.11 0.54	42.06 3.73 0.96	43.82 3.32 1.38	37.06 2.76 0.73	37.04 2.34 -4.99
PJM_GEN_HTP_PROXY 323702	41.16 1.97 1.54	46.01 1.76 0.00	37.84 1.47 0.00	45.39 1.74 0.00	46.00 1.76 0.00	45.25 2.18 0.00	47.94 3.44 9.11	48.84 3.25 0.00	77.66 4.90 -0.39	39.84 2.35 -1.54	32.48 1.79 -0.03	33.64 1.93 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.44 1.76 0.00	35.93 1.91 0.54	35.05 2.12 0.33	36.42 2.52 0.31	38.50 2.75 0.44	43.49 3.03 1.17	41.05 2.72 0.96	42.76 2.27 1.38	36.21 1.90 0.73	31.24 1.54 0.00

PJM_GEN_KEystone 24065	38.25 -0.93 1.56	43.23 -1.02 0.00	35.48 -0.89 0.00	42.69 -0.96 0.00	43.20 -1.04 0.00	42.31 -0.76 0.00	43.50 -0.97 9.14	50.46 -0.44 -5.31	70.09 -1.33 0.95	34.85 -0.90 0.21	29.88 -0.77 0.00	31.01 -0.69 0.00	34.46 -0.80 0.00	35.44 -0.78 -3.54	29.32 -0.95 3.41	30.96 -0.97 2.63	31.12 -0.53 1.62	32.33 -0.36 1.53	33.70 -0.33 2.17	35.45 -0.54 5.64	34.13 -0.46 4.71	34.29 -0.86 6.73	30.82 -0.64 3.59	26.54 -0.46 2.70
PJM_GEN_NEPTUNE_PROXY 323594	43.68 2.39 -0.56	47.49 2.24 -1.00	49.89 1.88 -11.64	45.87 2.22 0.00	46.46 2.22 0.00	45.65 2.58 0.00	48.20 3.71 9.11	49.03 3.43 0.00	76.36 4.89 0.90	38.23 2.35 0.07	32.43 1.78 0.00	33.63 1.93 0.00	37.29 2.03 0.00	34.45 1.77 0.00	37.88 1.97 -2.22	36.27 2.13 0.42	35.28 2.34 0.33	39.49 2.80 -2.47	38.84 3.09 0.44	44.48 3.41 0.56	41.43 3.11 0.96	43.17 2.67 1.38	36.55 2.25 0.73	36.60 1.90 -4.99
PJM_GEN_VFT_PROXY 323633	40.97 1.77 1.54	45.78 1.53 0.00	37.67 1.30 0.00	45.16 1.51 0.00	45.75 1.52 0.00	45.03 1.96 0.00	44.08 3.15 12.67	45.59 2.99 3.00	75.53 4.52 1.36	39.98 2.21 -1.82	32.36 1.68 -0.03	33.52 1.81 -0.01	37.13 1.87 0.00	34.26 1.57 0.00	35.32 1.64 0.00	35.80 1.77 0.54	34.92 1.99 0.33	36.29 2.39 0.31	38.36 2.61 0.44	43.32 2.85 1.17	40.56 2.54 1.27	41.39 2.05 2.54	36.04 1.74 0.73	31.11 1.40 0.00
PLATSBRG_115KV_PMLD1 355749	43.31 2.58 0.00	47.43 3.17 0.00	38.95 2.58 0.00	46.70 3.05 0.00	47.16 2.92 0.00	45.59 2.52 0.00	55.76 2.15 0.00	46.97 1.38 0.00	75.52 3.15 0.00	37.14 1.18 0.00	32.15 1.50 0.00	33.30 1.60 0.00	37.22 1.96 0.00	34.62 1.94 0.00	35.80 2.12 0.00	36.18 1.93 0.31	34.53 1.46 0.19	35.15 1.12 0.18	37.26 1.32 0.26	42.23 1.27 0.67	39.92 1.19 0.56	42.77 1.70 0.80	36.03 1.42 0.43	31.30 1.60 0.00
PLEASANTVLY___LBMP 24000	42.30 1.57 0.00	45.66 1.41 0.00	37.57 1.19 0.00	45.06 1.41 0.00	45.69 1.45 0.00	44.85 1.78 0.00	56.44 2.84 0.00	48.24 2.64 0.00	76.19 3.82 0.00	37.65 1.70 0.00	31.88 1.23 0.00	33.01 1.31 0.00	36.60 1.34 0.00	33.85 1.17 0.00	34.96 1.27 0.00	35.51 1.45 0.51	34.67 1.71 0.31	36.00 2.08 0.29	38.07 2.30 0.42	43.05 2.50 1.09	40.66 2.28 0.91	42.54 1.96 1.30	35.92 1.58 0.69	31.04 1.34 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.58 1.85 0.00	45.93 1.68 0.00	37.77 1.40 0.00	45.33 1.68 0.00	45.94 1.71 0.00	45.13 2.06 0.00	56.85 3.24 0.00	48.66 3.07 0.00	76.79 4.46 0.04	37.94 2.04 0.05	32.18 1.52 0.00	33.35 1.65 0.00	36.95 1.69 0.00	34.15 1.46 0.00	35.23 1.55 0.00	35.75 1.72 0.53	34.89 1.95 0.33	36.29 2.38 0.31	38.37 2.61 0.44	43.37 2.87 1.14	40.95 2.61 0.95	42.75 2.23 1.36	36.15 1.84 0.73	31.23 1.52 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	42.58 1.85 0.00	45.93 1.68 0.00	37.77 1.40 0.00	45.33 1.68 0.00	45.94 1.71 0.00	45.13 2.06 0.00	56.85 3.24 0.00	48.66 3.07 0.00	76.79 4.46 0.04	37.94 2.04 0.05	32.18 1.52 0.00	33.35 1.65 0.00	36.95 1.69 0.00	34.15 1.46 0.00	35.23 1.55 0.00	35.75 1.72 0.53	34.89 1.95 0.33	36.29 2.38 0.31	38.37 2.61 0.44	43.37 2.87 1.14	40.95 2.61 0.95	42.75 2.23 1.36	36.15 1.84 0.73	31.23 1.52 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.60 1.86 0.00	45.98 1.73 0.00	37.83 1.46 0.00	45.37 1.72 0.00	46.02 1.79 0.00	45.22 2.15 0.00	56.93 3.32 0.00	48.68 3.08 0.00	76.83 4.46 0.00	37.90 1.94 0.00	32.07 1.42 0.00	33.19 1.50 0.00	36.77 1.51 0.00	34.02 1.33 0.00	35.16 1.48 0.00	35.75 1.71 0.52	34.97 2.02 0.32	36.36 2.44 0.30	38.46 2.69 0.43	43.47 2.95 1.11	41.04 2.68 0.93	42.92 2.37 1.33	36.22 1.90 0.71	31.29 1.59 0.00
POLETTI_____ 23519	42.71 1.97 0.00	46.02 1.77 0.00	37.86 1.49 0.00	45.39 1.74 0.00	45.98 1.75 0.00	45.26 2.19 0.00	57.05 3.45 0.00	48.84 3.24 0.00	78.83 4.91 -1.55	40.27 2.37 -1.95	32.50 1.81 -0.03	33.66 1.94 -0.01	37.28 2.02 0.00	34.39 1.71 0.00	35.44 1.76 0.00	35.93 1.90 0.54	35.01 2.07 0.33	36.38 2.47 0.31	38.46 2.70 0.44	43.48 2.99 1.15	41.01 2.68 0.96	42.71 2.21 1.38	36.16 1.86 0.73	31.20 1.50 0.00
POMONA___ESR 323819	42.42 1.69 0.00	45.73 1.48 0.00	37.59 1.22 0.00	45.15 1.50 0.00	45.78 1.55 0.00	44.97 1.90 0.00	56.66 3.05 0.00	48.50 2.90 0.00	76.50 4.13 0.00	37.76 1.81 0.00	31.98 1.33 0.00	33.18 1.48 0.00	36.78 1.52 0.00	33.98 1.30 0.00	35.03 1.35 0.00	35.50 1.50 0.56	34.68 1.75 0.34	36.13 2.23 0.32	38.21 2.48 0.46	43.12 2.68 1.19	40.73 2.44 0.99	42.55 2.09 1.43	36.00 1.72 0.76	31.12 1.42 0.00
PORT_JEFF_3 23555	46.50 3.66 -2.10	48.79 3.53 -1.00	50.96 2.95 -11.64	47.12 3.47 0.00	47.76 3.53 0.00	47.03 3.96 0.00	59.09 5.48 0.00	50.56 4.97 0.00	79.50 7.08 -0.05	39.28 3.27 -0.06	33.14 2.49 0.00	34.32 2.62 0.00	38.01 2.75 0.00	35.12 2.44 0.00	38.75 2.85 -2.22	37.29 3.14 0.42	36.33 3.39 0.33	40.51 3.82 -2.47	39.98 4.23 0.44	45.82 4.72 0.54	42.61 4.29 0.96	44.64 4.14 1.38	37.71 3.40 0.73	37.54 2.85 -4.99
PORT_JEFF_4 23616	46.50 3.66 -2.10	48.79 3.53 -1.00	50.96 2.95 -11.64	47.12 3.47 0.00	47.76 3.53 0.00	47.03 3.96 0.00	59.09 5.48 0.00	50.56 4.97 0.00	79.50 7.08 -0.05	39.28 3.27 -0.06	33.14 2.49 0.00	34.32 2.62 0.00	38.01 2.75 0.00	35.12 2.44 0.00	38.75 2.85 -2.22	37.29 3.14 0.42	36.33 3.39 0.33	40.51 3.82 -2.47	39.98 4.23 0.44	45.82 4.72 0.54	42.61 4.29 0.96	44.64 4.14 1.38	37.71 3.40 0.73	37.54 2.85 -4.99
PORT_JEFF_IC 23713	46.47 3.64 -2.10	48.75 3.50 -1.00	50.94 2.93 -11.64	47.10 3.45 0.00	47.74 3.51 0.00	47.00 3.92 0.00	59.06 5.45 0.00	50.53 4.93 0.00	79.43 7.01 -0.05	39.24 3.24 -0.06	33.11 2.46 0.00	34.31 2.61 0.00	37.98 2.72 0.00	35.11 2.42 0.00	38.73 2.82 -2.22	37.26 3.12 0.42	36.30 3.37 0.33	40.48 3.79 -2.47	39.96 4.20 0.44	45.78 4.68 0.54	42.58 4.25 0.96	44.61 4.11 1.38	37.68 3.38 0.73	37.52 2.82 -4.99
PPL PILGRIM_ST_GT1 24216	46.18 3.35 -2.10	48.49 3.23 -1.00	50.73 2.72 -11.64	46.85 3.20 0.00	47.46 3.22 0.00	46.66 3.59 0.00	58.54 4.93 0.00	50.06 4.47 0.00	78.90 6.49 -0.05	39.08 3.07 -0.06	32.99 2.34 0.00	34.21 2.51 0.00	37.90 2.64 0.00	35.02 2.33 0.00	38.58 2.68 -2.22	37.01 2.87 0.42	36.09 3.15 0.33	40.40 3.71 -2.47	39.85 4.10 0.44	45.67 4.57 0.54	42.48 4.15 0.96	44.21 3.71 1.38	37.38 3.08 0.73	37.31 2.61 -4.99
PPL PILGRIM_ST_GT2 24217	46.18 3.35 -2.10	48.49 3.23 -1.00	50.73 2.72 -11.64	46.85 3.20 0.00	47.46 3.22 0.00	46.66 3.59 0.00	58.54 4.93 0.00	50.06 4.47 0.00	78.90 6.49 -0.05	39.08 3.07 -0.06	32.99 2.34 0.00	34.21 2.51 0.00	37.90 2.64 0.00	35.02 2.33 0.00	38.58 2.68 -2.22	37.01 2.87 0.42	36.09 3.15 0.33	40.40 3.71 -2.47	39.85 4.10 0.44	45.67 4.57 0.54	42.48 4.15 0.96	44.21 3.71 1.38	37.38 3.08 0.73	37.31 2.61 -4.99

PPL_SHRM_GT3 24213	46.32 3.49 -2.10	48.64 3.38 -1.00	50.85 2.84 -11.64	46.98 3.33 0.00	47.65 3.42 0.00	46.93 3.86 0.00	58.95 5.34 0.00	50.40 4.81 0.00	79.12 6.71 -0.05	39.06 3.05 -0.06	32.96 2.30 0.00	34.14 2.45 0.00	37.78 2.52 0.00	34.91 2.23 0.00	38.51 2.60 -2.22	37.10 2.95 0.42	36.18 3.24 0.33	40.57 3.88 -2.47	40.04 4.29 0.44	45.89 4.79 0.54	42.69 4.36 0.96	44.49 3.98 1.38	37.60 3.30 0.73	37.47 2.78 -4.99
PPL_SHRM_GT4 24214	46.32 3.49 -2.10	48.64 3.38 -1.00	50.85 2.84 -11.64	46.98 3.33 0.00	47.65 3.42 0.00	46.93 3.86 0.00	58.95 5.34 0.00	50.40 4.81 0.00	79.12 6.71 -0.05	39.06 3.05 -0.06	32.96 2.30 0.00	34.14 2.45 0.00	37.78 2.52 0.00	34.91 2.23 0.00	38.51 2.60 -2.22	37.10 2.95 0.42	36.18 3.24 0.33	40.57 3.88 -2.47	40.04 4.29 0.44	45.89 4.79 0.54	42.69 4.36 0.96	44.49 3.98 1.38	37.60 3.30 0.73	37.47 2.78 -4.99
PROJECT___ORANGE 1 24174	39.25 -1.45 0.03	42.66 -1.60 0.00	35.05 -1.32 0.00	42.07 -1.57 0.00	42.63 -1.61 0.00	41.77 -1.30 0.00	52.30 -1.57 -0.26	44.46 -1.14 0.00	70.29 -2.07 0.00	34.72 -1.14 0.10	29.57 -1.08 0.00	30.54 -1.16 0.00	33.93 -1.33 0.00	31.45 -1.24 0.00	32.33 -1.35 0.00	28.31 -1.42 4.83	29.13 -1.17 2.97	30.32 -1.10 2.81	31.08 -1.15 3.97	29.96 -1.37 10.30	29.36 -1.31 8.62	28.02 -1.52 12.35	27.14 -1.32 6.58	28.63 -1.08 0.00
PROJECT___ORANGE 2 24166	39.25 -1.45 0.03	42.66 -1.60 0.00	35.05 -1.32 0.00	42.07 -1.57 0.00	42.63 -1.61 0.00	41.77 -1.30 0.00	52.30 -1.57 -0.26	44.46 -1.14 0.00	70.29 -2.07 0.00	34.72 -1.14 0.10	29.57 -1.08 0.00	30.54 -1.16 0.00	33.93 -1.33 0.00	31.45 -1.24 0.00	32.33 -1.35 0.00	28.31 -1.42 4.83	29.13 -1.17 2.97	30.32 -1.10 2.81	31.08 -1.15 3.97	29.96 -1.37 10.30	29.36 -1.31 8.62	28.02 -1.52 12.35	27.14 -1.32 6.58	28.63 -1.08 0.00
PUCKETT___SOLAR 323809	41.11 0.39 0.02	44.78 0.53 0.00	36.71 0.34 0.00	44.20 0.55 0.00	44.86 0.62 0.00	43.98 0.91 0.00	56.06 1.52 -0.93	47.10 1.51 0.00	74.04 1.68 0.00	36.28 0.39 0.05	30.78 0.13 0.00	31.76 0.06 0.00	35.28 0.02 0.00	32.74 0.06 0.00	33.65 -0.04 0.00	31.69 0.19 3.07	31.91 0.53 1.88	33.28 0.85 1.78	34.60 0.93 2.52	36.12 1.03 6.54	34.77 0.95 5.47	34.79 0.74 7.83	31.40 0.53 4.17	30.14 0.43 0.00
PYRITES___HYD 24023	42.47 1.74 0.00	46.54 2.28 0.00	38.24 1.87 0.00	45.91 2.26 0.00	46.41 2.18 0.00	44.61 1.54 0.00	54.76 1.15 0.00	46.41 0.81 0.00	74.18 1.81 0.00	37.06 1.11 0.00	31.72 1.07 0.00	32.74 1.04 0.00	36.67 1.41 0.00	34.26 1.58 0.00	35.35 1.67 0.00	35.10 1.29 0.76	33.51 0.71 0.46	34.27 0.49 0.44	36.00 0.43 0.62	40.60 0.59 1.62	38.49 0.55 1.36	40.87 0.93 1.94	34.79 0.79 1.03	30.47 0.77 0.00
QUAKERRD_115KV_BK1 80622	37.65 -3.04 0.05	41.12 -3.13 0.00	33.75 -2.62 0.00	40.56 -3.08 0.00	41.06 -3.17 0.00	40.23 -2.84 0.00	47.07 -3.95 2.58	42.55 -3.04 0.00	67.22 -5.14 0.01	33.10 -2.69 0.16	28.38 -2.28 0.00	29.31 -2.39 0.00	32.60 -2.66 0.00	30.25 -2.44 0.00	31.07 -2.61 0.00	26.84 -2.67 5.05	27.86 -2.31 3.10	28.98 -2.30 2.94	29.65 -2.40 4.15	28.01 -2.86 10.77	27.59 -2.69 9.01	25.90 -3.08 12.90	25.62 -2.54 6.87	27.68 -2.03 0.00
QUENSBRY_115KV_TB8 356137	41.53 0.80 0.00	45.04 0.79 0.00	37.08 0.70 0.00	44.44 0.79 0.00	45.22 0.98 0.00	44.43 1.36 0.00	55.96 2.35 0.00	47.75 2.16 0.00	75.06 2.69 0.00	36.75 0.79 0.00	31.07 0.42 0.00	32.04 0.34 0.00	35.56 0.31 0.00	33.02 0.34 0.00	34.37 0.69 0.00	35.31 1.13 0.38	34.60 1.57 0.24	35.67 1.67 0.22	37.70 1.82 0.31	42.74 1.93 0.82	40.19 1.59 0.68	42.24 1.34 0.98	35.42 0.91 0.52	30.57 0.86 0.00
RAMAPO___LBMP 323565	42.27 1.54 0.00	45.58 1.32 0.00	37.47 1.09 0.00	45.01 1.36 0.00	45.62 1.38 0.00	44.80 1.73 0.00	56.43 2.83 0.00	48.30 2.70 0.00	76.20 3.83 0.00	37.60 1.65 0.00	31.84 1.19 0.00	33.04 1.34 0.00	36.63 1.37 0.00	33.83 1.15 0.00	34.87 1.19 0.00	35.36 1.36 0.56	34.53 1.61 0.34	35.96 2.06 0.32	38.05 2.32 0.46	42.93 2.49 1.19	40.57 2.28 1.00	42.38 1.93 1.43	35.86 1.59 0.76	31.01 1.31 0.00
RANKINE____ 23646	37.32 -3.36 0.05	40.97 -3.29 0.00	33.59 -2.78 0.00	40.43 -3.22 0.00	40.80 -3.44 0.00	40.00 -3.07 0.00	47.73 -5.01 0.87	41.84 -3.75 0.00	65.93 -6.42 0.01	32.43 -3.36 0.16	28.03 -2.62 0.00	28.95 -2.75 0.00	32.31 -2.95 0.00	30.04 -2.64 0.00	30.70 -2.98 0.00	26.62 -3.16 4.79	27.77 -2.56 2.94	28.77 -2.66 2.79	29.49 -2.77 3.93	28.06 -3.36 10.21	27.64 -3.10 8.54	26.02 -3.62 12.23	25.69 -2.83 6.52	27.70 -2.00 0.00
RAVENSWOOD_GT2_1 24244	42.75 2.02 0.00	46.07 1.82 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.04 1.81 0.00	45.30 2.23 0.00	57.07 3.46 0.00	48.86 3.27 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.37 1.69 0.00	35.43 1.75 0.00	35.94 1.91 0.54	35.05 2.11 0.33	36.43 2.52 0.31	38.51 2.76 0.44	43.53 3.05 1.15	41.08 2.75 0.96	42.80 2.30 1.38	36.22 1.92 0.73	31.25 1.55 0.00
RAVENSWOOD_GT2_2 24245	42.75 2.02 0.00	46.07 1.82 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.04 1.81 0.00	45.30 2.23 0.00	57.07 3.46 0.00	48.86 3.27 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.37 1.69 0.00	35.43 1.75 0.00	35.94 1.91 0.54	35.05 2.11 0.33	36.43 2.52 0.31	38.51 2.76 0.44	43.53 3.05 1.15	41.08 2.75 0.96	42.80 2.30 1.38	36.22 1.92 0.73	31.25 1.55 0.00
RAVENSWOOD_GT2_3 24246	42.77 2.04 0.00	46.10 1.85 0.00	37.92 1.54 0.00	45.46 1.81 0.00	46.07 1.84 0.00	45.32 2.25 0.00	57.10 3.50 0.00	48.90 3.30 0.00	79.18 4.97 -1.84	40.63 2.37 -2.31	32.51 1.81 -0.04	33.66 1.95 -0.01	37.28 2.02 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.94 1.92 0.54	35.06 2.13 0.33	36.44 2.54 0.31	38.53 2.78 0.44	43.56 3.07 1.15	41.10 2.77 0.96	42.82 2.32 1.38	36.24 1.94 0.73	31.27 1.57 0.00
RAVENSWOOD_GT2_4 24247	42.77 2.04 0.00	46.10 1.85 0.00	37.92 1.54 0.00	45.46 1.81 0.00	46.07 1.84 0.00	45.32 2.25 0.00	57.10 3.50 0.00	48.90 3.30 0.00	79.18 4.97 -1.84	40.63 2.37 -2.31	32.51 1.81 -0.04	33.66 1.95 -0.01	37.28 2.02 0.00	34.39 1.71 0.00	35.45 1.77 0.00	35.94 1.92 0.54	35.06 2.13 0.33	36.44 2.54 0.31	38.53 2.78 0.44	43.56 3.07 1.15	41.10 2.77 0.96	42.82 2.32 1.38	36.24 1.94 0.73	31.27 1.57 0.00
RAVENSWOOD_GT3_1 24248	42.76 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.82 0.00	45.31 2.24 0.00	57.08 3.47 0.00	48.87 3.28 0.00	79.16 4.95 -1.84	40.62 2.36 -2.31	32.49 1.80 -0.04	33.65 1.94 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.44 1.76 0.00	35.94 1.91 0.54	35.06 2.12 0.33	36.43 2.52 0.31	38.52 2.77 0.44	43.55 3.07 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.23 1.92 0.73	31.26 1.56 0.00

RAVENSWOOD_GT3_2 24249	42.76 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.82 0.00	45.31 2.24 0.00	57.08 3.47 0.00	48.87 3.28 0.00	79.16 4.95 -1.84	40.62 2.36 -2.31	32.49 1.80 -0.04	33.65 1.94 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.44 1.76 0.00	35.94 1.91 0.54	35.06 2.12 0.33	36.43 2.52 0.31	38.52 2.77 0.44	43.55 3.07 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.23 1.92 0.73	31.26 1.56 0.00
RAVENSWOOD_GT3_3 24250	42.81 2.08 0.00	46.14 1.88 0.00	37.95 1.58 0.00	45.50 1.85 0.00	46.11 1.87 0.00	45.37 2.30 0.00	57.16 3.55 0.00	48.94 3.35 0.00	79.26 5.05 -1.84	40.67 2.42 -2.31	32.54 1.85 -0.04	33.71 1.99 -0.01	37.33 2.06 0.00	34.44 1.75 0.00	35.49 1.81 0.00	36.00 1.98 0.54	35.10 2.16 0.33	36.49 2.58 0.31	38.57 2.82 0.44	43.61 3.13 1.15	41.15 2.83 0.96	42.88 2.37 1.38	36.28 1.98 0.73	31.30 1.60 0.00
RAVENSWOOD_GT3_4 24251	42.81 2.08 0.00	46.14 1.88 0.00	37.95 1.58 0.00	45.50 1.85 0.00	46.11 1.87 0.00	45.37 2.30 0.00	57.16 3.55 0.00	48.94 3.35 0.00	79.26 5.05 -1.84	40.67 2.42 -2.31	32.54 1.85 -0.04	33.71 1.99 -0.01	37.33 2.06 0.00	34.44 1.75 0.00	35.49 1.81 0.00	36.00 1.98 0.54	35.10 2.16 0.33	36.49 2.58 0.31	38.57 2.82 0.44	43.61 3.13 1.15	41.15 2.83 0.96	42.88 2.37 1.38	36.28 1.98 0.73	31.30 1.60 0.00
RAVENSWOOD_GT_1 23729	42.87 2.14 0.00	46.20 1.94 0.00	38.02 1.64 0.00	45.55 1.90 0.00	46.16 1.92 0.00	45.44 2.37 0.00	57.24 3.63 0.00	49.03 3.44 0.00	79.42 5.22 -1.84	40.77 2.51 -2.31	32.61 1.92 -0.04	33.78 2.07 -0.01	37.41 2.15 0.00	34.44 1.75 0.00	35.49 1.81 0.00	35.98 1.96 0.54	35.10 2.16 0.33	36.48 2.57 0.31	38.56 2.81 0.44	43.64 3.16 1.15	41.17 2.85 0.96	42.88 2.37 1.38	36.29 1.99 0.73	31.30 1.60 0.00
RAVENSWOOD_GT_10 24258	42.75 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.81 0.00	45.30 2.23 0.00	57.07 3.47 0.00	48.86 3.27 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.44 1.76 0.00	35.94 1.91 0.54	35.05 2.12 0.33	36.43 2.52 0.31	38.52 2.77 0.44	43.54 3.06 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.23 1.92 0.73	31.26 1.56 0.00
RAVENSWOOD_GT_11 24259	42.75 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.81 0.00	45.30 2.23 0.00	57.07 3.47 0.00	48.86 3.27 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.44 1.76 0.00	35.94 1.91 0.54	35.05 2.12 0.33	36.43 2.52 0.31	38.52 2.77 0.44	43.54 3.06 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.23 1.92 0.73	31.26 1.56 0.00
RAVENSWOOD_GT_4 24252	42.75 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.81 0.00	45.31 2.24 0.00	57.07 3.47 0.00	48.86 3.26 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.44 1.76 0.00	35.94 1.92 0.54	35.06 2.12 0.33	36.44 2.53 0.31	38.52 2.77 0.44	43.54 3.06 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.24 1.93 0.73	31.27 1.57 0.00
RAVENSWOOD_GT_5 24254	42.75 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.81 0.00	45.31 2.24 0.00	57.07 3.47 0.00	48.86 3.26 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.44 1.76 0.00	35.94 1.92 0.54	35.06 2.12 0.33	36.44 2.53 0.31	38.52 2.77 0.44	43.54 3.06 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.24 1.93 0.73	31.27 1.57 0.00
RAVENSWOOD_GT_6 24253	42.75 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.81 0.00	45.31 2.24 0.00	57.07 3.47 0.00	48.86 3.26 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.44 1.76 0.00	35.94 1.92 0.54	35.06 2.12 0.33	36.44 2.53 0.31	38.52 2.77 0.44	43.54 3.06 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.24 1.93 0.73	31.27 1.57 0.00
RAVENSWOOD_GT_7 24255	42.75 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.81 0.00	45.31 2.24 0.00	57.07 3.47 0.00	48.86 3.26 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.39 1.71 0.00	35.44 1.76 0.00	35.94 1.92 0.54	35.06 2.12 0.33	36.44 2.53 0.31	38.52 2.77 0.44	43.54 3.06 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.24 1.93 0.73	31.27 1.57 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	42.75 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.81 0.00	45.30 2.23 0.00	57.07 3.47 0.00	48.86 3.27 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.44 1.76 0.00	35.94 1.91 0.54	35.05 2.12 0.33	36.43 2.52 0.31	38.52 2.77 0.44	43.54 3.06 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.23 1.92 0.73	31.26 1.56 0.00
RAVENSWOOD_GT_9 24257	42.75 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.81 0.00	45.30 2.23 0.00	57.07 3.47 0.00	48.86 3.27 0.00	79.12 4.91 -1.84	40.61 2.35 -2.31	32.49 1.79 -0.04	33.64 1.93 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.44 1.76 0.00	35.94 1.91 0.54	35.05 2.12 0.33	36.43 2.52 0.31	38.52 2.77 0.44	43.54 3.06 1.15	41.09 2.76 0.96	42.81 2.31 1.38	36.23 1.92 0.73	31.26 1.56 0.00
RAVENSWOOD___1 23533	42.79 2.06 0.00	46.10 1.84 0.00	37.93 1.56 0.00	45.47 1.82 0.00	46.08 1.85 0.00	45.35 2.28 0.00	57.13 3.52 0.00	48.93 3.34 0.00	79.26 5.05 -1.84	40.69 2.43 -2.31	32.54 1.85 -0.04	33.70 1.99 -0.01	37.31 2.05 0.00	34.37 1.69 0.00	35.43 1.75 0.00	35.91 1.88 0.54	35.05 2.11 0.33	36.42 2.52 0.31	38.50 2.75 0.44	43.55 3.07 1.15	41.08 2.75 0.96	42.77 2.27 1.38	36.21 1.91 0.73	31.24 1.54 0.00
RAVENSWOOD___2 23534	42.79 2.06 0.00	46.10 1.84 0.00	37.93 1.56 0.00	45.47 1.82 0.00	46.08 1.85 0.00	45.35 2.28 0.00	57.13 3.52 0.00	48.93 3.34 0.00	79.26 5.05 -1.84	40.69 2.43 -2.31	32.54 1.85 -0.04	33.70 1.99 -0.01	37.31 2.05 0.00	34.37 1.69 0.00	35.43 1.75 0.00	35.91 1.88 0.54	35.05 2.11 0.33	36.42 2.52 0.31	38.50 2.75 0.44	43.55 3.07 1.15	41.08 2.75 0.96	42.77 2.27 1.38	36.21 1.91 0.73	31.24 1.54 0.00
RAVENSWOOD___3 23535	42.76 2.02 0.00	46.08 1.83 0.00	37.90 1.53 0.00	45.45 1.80 0.00	46.05 1.82 0.00	45.31 2.23 0.00	57.07 3.46 0.00	48.87 3.28 0.00	79.16 4.95 -1.84	40.63 2.37 -2.31	32.49 1.80 -0.04	33.65 1.94 -0.01	37.27 2.01 0.00	34.38 1.70 0.00	35.44 1.76 0.00	35.93 1.90 0.54	35.05 2.12 0.33	36.42 2.52 0.31	38.51 2.76 0.44	43.53 3.04 1.15	41.07 2.75 0.96	42.78 2.28 1.38	36.22 1.92 0.73	31.26 1.55 0.00

RAVENSWOOD___4 23820	42.79 2.06 0.00	46.10 1.84 0.00	37.93 1.56 0.00	45.47 1.82 0.00	46.08 1.85 0.00	45.35 2.28 0.00	57.13 3.52 0.00	48.93 3.34 0.00	79.26 5.05 -1.84	40.69 2.43 -2.31	32.54 1.85 -0.04	33.70 1.99 -0.01	37.31 2.05 0.00	34.37 1.69 0.00	35.43 1.75 0.00	35.91 1.88 0.54	35.05 2.11 0.33	36.42 2.52 0.31	38.50 2.75 0.44	43.55 3.07 1.15	41.08 2.75 0.96	42.77 2.27 1.38	36.21 1.91 0.73	31.24 1.54 0.00
RCPI_TRUST___DRP 24196	42.78 2.05 0.00	46.11 1.85 0.00	37.92 1.55 0.00	45.47 1.82 0.00	46.08 1.85 0.00	45.34 2.27 0.00	57.18 3.57 0.00	48.95 3.36 0.00	78.81 5.11 -1.33	40.08 2.45 -1.67	32.57 1.89 -0.03	33.74 2.03 -0.01	37.38 2.12 0.00	34.48 1.80 0.00	35.53 1.85 0.00	36.04 2.02 0.54	35.15 2.21 0.33	36.52 2.61 0.31	38.60 2.85 0.44	43.63 3.14 1.15	41.16 2.84 0.96	42.87 2.36 1.38	36.28 1.98 0.73	31.31 1.61 0.00
RED___ROCHESTER 323720	38.39 -2.29 0.05	41.97 -2.29 0.00	34.43 -1.94 0.00	41.37 -2.27 0.00	41.85 -2.38 0.00	41.04 -2.03 0.00	48.86 -3.14 1.60	43.36 -2.23 0.00	68.50 -3.86 0.01	33.69 -2.09 0.17	28.92 -1.73 0.00	29.85 -1.85 0.00	33.24 -2.02 0.00	30.84 -1.84 0.00	31.71 -1.97 0.00	27.52 -2.01 5.03	28.55 -1.63 3.09	29.69 -1.60 2.93	30.44 -1.62 4.13	28.91 -1.99 10.73	28.48 -1.83 8.98	26.80 -2.22 12.85	26.37 -1.82 6.85	28.28 -1.42 0.00
REGAN___SOLAR 323812	44.69 3.96 0.00	48.56 4.31 0.00	39.88 3.51 0.00	47.87 4.22 0.00	48.61 4.37 0.00	47.69 4.61 0.00	59.87 6.26 0.00	51.12 5.52 0.00	80.00 7.63 0.00	38.11 2.16 0.00	32.35 1.70 0.00	33.13 1.43 0.00	36.79 1.53 0.00	34.72 2.04 0.00	36.06 2.38 0.00	36.68 2.69 0.58	36.39 3.48 0.35	37.98 4.10 0.33	40.10 4.38 0.48	45.36 4.96 1.23	42.73 4.47 1.03	44.93 4.52 1.47	37.80 3.55 0.79	32.57 2.87 0.00
RENSSELAER___COGEN 23796	41.27 0.54 0.00	44.62 0.36 0.00	36.72 0.35 0.00	43.98 0.33 0.00	44.65 0.42 0.00	43.68 0.61 0.00	54.90 1.30 0.00	46.70 1.11 0.00	73.78 1.40 0.00	36.47 0.52 0.00	30.88 0.23 0.00	31.91 0.21 0.00	35.39 0.13 0.00	32.82 0.14 0.00	33.94 0.26 0.00	34.67 0.50 0.39	33.81 0.79 0.24	34.99 1.01 0.23	36.92 1.05 0.32	41.87 1.08 0.85	39.59 1.01 0.71	41.66 0.79 1.01	35.04 0.54 0.54	30.27 0.57 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.70 1.96 0.00	46.50 2.24 0.00	38.38 2.00 0.00	45.90 2.26 0.00	46.86 2.63 0.00	46.40 3.33 0.00	58.55 4.94 0.00	50.04 4.45 0.00	78.20 5.83 0.00	38.04 2.08 0.00	32.12 1.47 0.00	33.12 1.42 0.00	36.58 1.32 0.00	34.13 1.45 0.00	36.05 2.37 0.00	36.99 2.81 0.38	36.49 3.45 0.24	37.31 3.31 0.22	39.36 3.49 0.31	44.62 3.80 0.82	41.60 3.00 0.68	43.76 2.86 0.98	36.56 2.04 0.52	31.74 2.04 0.00
REVERE_CPPR_DRP 24186	42.07 1.35 0.01	45.67 1.41 0.00	37.50 1.13 0.00	45.03 1.38 0.00	45.69 1.45 0.00	44.81 1.74 0.00	56.07 2.47 0.01	47.82 2.23 0.00	75.58 3.22 0.00	37.25 1.34 0.04	31.62 0.96 0.00	32.61 0.90 0.00	36.21 0.95 0.00	33.56 0.88 0.00	34.71 1.03 0.00	33.46 1.18 2.29	33.26 1.39 1.40	34.52 1.63 1.33	36.04 1.73 1.88	38.68 1.92 4.88	36.95 1.74 4.08	37.71 1.67 5.84	33.17 1.24 3.11	30.70 1.00 0.00
REYNOLDS_115KV_TB3 80639	41.67 0.94 0.00	45.06 0.81 0.00	37.08 0.71 0.00	44.42 0.77 0.00	45.11 0.87 0.00	44.10 1.03 0.00	55.43 1.82 0.00	47.13 1.54 0.00	74.49 2.12 0.00	36.80 0.84 0.00	31.18 0.53 0.00	32.20 0.50 0.00	35.73 0.47 0.00	33.13 0.45 0.00	34.28 0.60 0.00	35.02 0.85 0.39	34.13 1.11 0.24	35.31 1.33 0.23	37.28 1.41 0.32	42.28 1.49 0.84	40.01 1.43 0.70	42.08 1.22 1.01	35.40 0.90 0.54	30.58 0.88 0.00
RIVERBAY____ 323610	42.83 2.10 0.00	46.15 1.89 0.00	38.02 1.65 0.00	45.53 1.88 0.00	46.18 1.95 0.00	45.48 2.41 0.00	57.31 3.70 0.00	49.06 3.46 0.00	79.05 5.13 -1.55	38.44 2.41 -0.08	32.46 1.81 0.00	33.63 1.93 0.00	37.24 1.98 0.00	34.30 1.61 0.00	35.44 1.76 0.00	35.91 1.89 0.54	35.06 2.12 0.33	36.44 2.53 0.31	38.56 2.82 0.44	43.71 3.23 1.15	41.24 2.91 0.96	42.87 2.36 1.38	36.28 1.97 0.73	31.31 1.61 0.00
RIVERSDE_115KV_TB3 55908	41.49 0.76 0.00	44.86 0.61 0.00	36.92 0.55 0.00	44.22 0.57 0.00	44.90 0.66 0.00	43.92 0.85 0.00	55.22 1.61 0.00	46.95 1.36 0.00	74.20 1.84 0.00	36.68 0.72 0.00	31.06 0.41 0.00	32.08 0.38 0.00	35.59 0.34 0.00	33.01 0.32 0.00	34.15 0.47 0.00	34.89 0.72 0.39	34.03 1.00 0.24	35.20 1.21 0.23	37.14 1.27 0.32	42.12 1.33 0.84	39.85 1.27 0.70	41.91 1.04 1.01	35.25 0.75 0.54	30.44 0.74 0.00
ROARING___BROOK_WT_PWR 323790	40.97 0.24 0.00	44.61 0.35 0.00	36.66 0.29 0.00	44.00 0.35 0.00	44.58 0.35 0.00	43.27 0.20 0.00	53.61 0.00 0.00	45.52 -0.07 0.00	72.50 0.14 0.00	36.11 0.15 0.00	30.86 0.21 0.00	31.92 0.22 0.00	35.58 0.32 0.00	33.00 0.32 0.00	34.01 0.33 0.00	34.57 0.24 0.23	33.19 0.06 0.14	34.04 -0.04 0.13	35.93 -0.07 0.19	41.10 -0.04 0.50	38.85 -0.03 0.42	41.39 0.10 0.60	34.83 0.11 0.32	29.79 0.09 0.00
ROCHESRG_115KV_T4 355643	38.00 -2.68 0.05	41.55 -2.70 0.00	34.10 -2.27 0.00	40.98 -2.67 0.00	41.46 -2.77 0.00	40.62 -2.46 0.00	48.32 -3.72 1.57	42.84 -2.76 0.00	67.64 -4.71 0.01	33.31 -2.47 0.17	28.61 -2.04 0.00	29.54 -2.16 0.00	32.90 -2.36 0.00	30.53 -2.15 0.00	31.36 -2.32 0.00	27.11 -2.41 5.04	28.16 -2.02 3.09	29.27 -2.02 2.93	29.97 -2.09 4.14	28.36 -2.52 10.75	27.94 -2.35 8.99	26.26 -2.74 12.88	25.97 -2.21 6.86	28.00 -1.70 0.00
ROCHESTER_9_IC 23652	38.21 -2.47 0.05	41.77 -2.49 0.00	34.27 -2.10 0.00	41.20 -2.45 0.00	41.68 -2.55 0.00	40.85 -2.22 0.00	48.59 -3.41 1.60	43.12 -2.47 0.00	68.08 -4.28 0.01	33.53 -2.26 0.17	28.78 -1.87 0.00	29.71 -1.99 0.00	33.09 -2.17 0.00	30.70 -1.98 0.00	31.55 -2.13 0.00	27.32 -2.22 5.03	28.37 -1.81 3.09	29.49 -1.80 2.93	30.21 -1.85 4.13	28.65 -2.25 10.73	28.21 -2.10 8.98	26.53 -2.49 12.85	26.17 -2.02 6.85	28.15 -1.55 0.00
ROCKVIEW_13_KV_LD 356306	42.76 2.03 0.00	46.11 1.85 0.00	37.92 1.55 0.00	45.49 1.84 0.00	46.10 1.87 0.00	45.32 2.25 0.00	57.10 3.49 0.00	48.87 3.27 0.00	77.17 4.85 0.05	38.14 2.24 0.06	32.34 1.70 0.00	33.53 1.83 0.00	37.17 1.91 0.00	34.33 1.64 0.00	35.40 1.72 0.00	35.91 1.89 0.54	35.05 2.12 0.33	36.47 2.56 0.31	38.57 2.82 0.44	43.57 3.09 1.15	41.15 2.82 0.96	42.94 2.44 1.38	36.31 2.01 0.73	31.36 1.66 0.00
ROME____115KV_TB2 80656	42.07 1.35 0.01	45.67 1.41 0.00	37.50 1.13 0.00	45.03 1.38 0.00	45.69 1.45 0.00	44.81 1.74 0.00	56.07 2.47 0.01	47.82 2.23 0.00	75.58 3.22 0.00	37.25 1.34 0.04	31.62 0.96 0.00	32.61 0.90 0.00	36.21 0.95 0.00	33.56 0.88 0.00	34.71 1.03 0.00	33.46 1.18 2.29	33.26 1.39 1.40	34.52 1.63 1.33	36.04 1.73 1.88	38.68 1.92 4.88	36.95 1.74 4.08	37.71 1.67 5.84	33.17 1.24 3.11	30.70 1.00 0.00

ROSETON___1 23587	42.23 1.50 0.00	45.59 1.34 0.00	37.50 1.12 0.00	44.99 1.35 0.00	45.62 1.39 0.00	44.79 1.72 0.00	56.35 2.74 0.00	48.16 2.57 0.00	76.04 3.68 0.00	37.58 1.63 0.00	31.83 1.18 0.00	32.98 1.28 0.00	36.56 1.30 0.00	33.81 1.12 0.00	34.88 1.20 0.00	35.40 1.37 0.53	34.56 1.62 0.33	35.90 2.00 0.31	37.97 2.21 0.44	42.90 2.42 1.14	40.53 2.19 0.96	42.39 1.88 1.37	35.83 1.52 0.73	30.98 1.28 0.00
ROSETON___2 23588	42.23 1.50 0.00	45.59 1.34 0.00	37.50 1.12 0.00	44.99 1.35 0.00	45.62 1.39 0.00	44.79 1.72 0.00	56.35 2.74 0.00	48.16 2.57 0.00	76.04 3.68 0.00	37.58 1.63 0.00	31.83 1.18 0.00	32.98 1.28 0.00	36.56 1.30 0.00	33.81 1.12 0.00	34.88 1.20 0.00	35.40 1.37 0.53	34.56 1.62 0.33	35.90 2.00 0.31	37.97 2.21 0.44	42.90 2.42 1.14	40.53 2.19 0.96	42.39 1.88 1.37	35.83 1.52 0.73	30.98 1.28 0.00
ROTTTRDAM_115KV_TB3 80664	41.78 1.04 0.00	45.26 1.00 0.00	37.20 0.84 0.00	44.65 1.00 0.00	45.29 1.05 0.00	44.31 1.23 0.00	55.53 1.92 0.00	47.31 1.71 0.00	74.73 2.36 0.00	36.90 0.94 0.00	31.32 0.67 0.00	32.35 0.65 0.00	35.93 0.67 0.00	33.30 0.62 0.00	34.41 0.73 0.00	35.12 0.95 0.38	34.20 1.17 0.24	35.33 1.34 0.22	37.34 1.46 0.31	42.41 1.59 0.82	40.05 1.45 0.68	42.20 1.30 0.98	35.52 1.00 0.52	30.58 0.88 0.00
RUSSELL___1 23602	38.39 -2.29 0.05	41.96 -2.29 0.00	34.42 -1.95 0.00	41.37 -2.27 0.00	41.86 -2.37 0.00	41.05 -2.02 0.00	48.86 -3.15 1.60	43.36 -2.23 0.00	68.48 -3.87 0.01	33.71 -2.08 0.17	28.92 -1.73 0.00	29.85 -1.85 0.00	33.25 -2.01 0.00	30.84 -1.84 0.00	31.71 -1.97 0.00	27.49 -2.05 5.03	28.54 -1.64 3.09	29.67 -1.62 2.93	30.43 -1.63 4.13	28.88 -2.02 10.73	28.42 -1.88 8.98	26.75 -2.28 12.85	26.34 -1.85 6.85	28.28 -1.42 0.00
RUSSELL___2 23532	38.39 -2.29 0.05	41.96 -2.29 0.00	34.42 -1.95 0.00	41.37 -2.27 0.00	41.86 -2.37 0.00	41.05 -2.02 0.00	48.86 -3.15 1.60	43.36 -2.23 0.00	68.48 -3.87 0.01	33.71 -2.08 0.17	28.92 -1.73 0.00	29.85 -1.85 0.00	33.25 -2.01 0.00	30.84 -1.84 0.00	31.71 -1.97 0.00	27.49 -2.05 5.03	28.54 -1.64 3.09	29.67 -1.62 2.93	30.43 -1.63 4.13	28.88 -2.02 10.73	28.42 -1.88 8.98	26.75 -2.28 12.85	26.34 -1.85 6.85	28.28 -1.42 0.00
RUSSELL___3 23549	38.39 -2.29 0.05	41.96 -2.29 0.00	34.42 -1.95 0.00	41.37 -2.27 0.00	41.86 -2.37 0.00	41.05 -2.02 0.00	48.86 -3.15 1.60	43.36 -2.23 0.00	68.48 -3.87 0.01	33.71 -2.08 0.17	28.92 -1.73 0.00	29.85 -1.85 0.00	33.25 -2.01 0.00	30.84 -1.84 0.00	31.71 -1.97 0.00	27.49 -2.05 5.03	28.54 -1.64 3.09	29.67 -1.62 2.93	30.43 -1.63 4.13	28.88 -2.02 10.73	28.42 -1.88 8.98	26.75 -2.28 12.85	26.34 -1.85 6.85	28.28 -1.42 0.00
RUSSELL___4 23556	38.39 -2.29 0.05	41.96 -2.29 0.00	34.42 -1.95 0.00	41.37 -2.27 0.00	41.86 -2.37 0.00	41.05 -2.02 0.00	48.86 -3.15 1.60	43.36 -2.23 0.00	68.48 -3.87 0.01	33.71 -2.08 0.17	28.92 -1.73 0.00	29.85 -1.85 0.00	33.25 -2.01 0.00	30.84 -1.84 0.00	31.71 -1.97 0.00	27.49 -2.05 5.03	28.54 -1.64 3.09	29.67 -1.62 2.93	30.43 -1.63 4.13	28.88 -2.02 10.73	28.42 -1.88 8.98	26.75 -2.28 12.85	26.34 -1.85 6.85	28.28 -1.42 0.00
RUSSELL___STATION 23914	38.39 -2.29 0.05	41.96 -2.29 0.00	34.42 -1.95 0.00	41.37 -2.27 0.00	41.86 -2.37 0.00	41.05 -2.02 0.00	48.86 -3.15 1.60	43.36 -2.23 0.00	68.48 -3.87 0.01	33.71 -2.08 0.17	28.92 -1.73 0.00	29.85 -1.85 0.00	33.25 -2.01 0.00	30.84 -1.84 0.00	31.71 -1.97 0.00	27.49 -2.05 5.03	28.54 -1.64 3.09	29.67 -1.62 2.93	30.43 -1.63 4.13	28.88 -2.02 10.73	28.42 -1.88 8.98	26.75 -2.28 12.85	26.34 -1.85 6.85	28.28 -1.42 0.00
S SALMON___HYD 24043	39.63 -1.11 0.00	43.03 -1.23 0.00	35.35 -1.02 0.00	42.37 -1.28 0.00	42.88 -1.36 0.00	41.88 -1.19 0.00	52.61 -1.32 -0.32	44.65 -0.95 0.00	70.55 -1.81 0.00	34.90 -1.05 0.00	29.72 -0.93 0.00	30.75 -0.95 0.00	34.11 -1.15 0.00	31.63 -1.05 0.00	32.53 -1.15 0.00	28.76 -1.17 4.64	29.43 -0.99 2.85	30.63 -0.89 2.70	31.45 -0.93 3.81	30.63 -1.10 9.90	29.93 -1.08 8.28	28.82 -1.20 11.86	27.68 -1.04 6.32	28.83 -0.87 0.00
S.PERRY__115KV_TB1 80734	39.36 -1.33 0.04	42.80 -1.45 0.00	35.16 -1.21 0.00	42.25 -1.40 0.00	42.70 -1.53 0.00	41.98 -1.09 0.00	53.26 -1.24 -0.89	45.18 -0.41 0.00	70.64 -1.72 0.01	35.47 -0.36 0.13	30.19 -0.47 0.00	30.97 -0.73 0.00	34.37 -0.89 0.00	31.81 -0.88 0.00	32.81 -0.87 0.00	29.27 -0.83 4.47	30.12 -0.40 2.74	32.00 0.38 2.60	33.20 0.67 3.67	32.82 0.71 9.53	31.93 0.61 7.97	30.46 0.00 11.41	28.46 -0.50 6.08	28.99 -0.71 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.88 -3.80 0.05	40.53 -3.73 0.00	33.23 -3.14 0.00	39.99 -3.66 0.00	40.35 -3.89 0.00	39.55 -3.52 0.00	46.93 -5.70 0.98	41.21 -4.38 0.00	65.02 -7.34 0.01	32.01 -3.79 0.16	27.65 -3.00 0.00	28.57 -3.13 0.00	31.89 -3.37 0.00	29.66 -3.03 0.00	30.34 -3.34 0.00	26.21 -3.53 4.83	27.34 -2.97 2.97	28.32 -3.08 2.81	29.00 -3.22 3.97	27.45 -3.87 10.31	27.08 -3.59 8.63	25.43 -4.10 12.35	25.27 -3.19 6.58	27.39 -2.31 0.00
SAWYER___23_KV_LOAD 55526	36.88 -3.80 0.05	40.53 -3.73 0.00	33.23 -3.14 0.00	39.99 -3.66 0.00	40.35 -3.89 0.00	39.55 -3.52 0.00	46.93 -5.70 0.98	41.21 -4.38 0.00	65.02 -7.34 0.01	32.01 -3.79 0.16	27.65 -3.00 0.00	28.57 -3.13 0.00	31.89 -3.37 0.00	29.66 -3.03 0.00	30.34 -3.34 0.00	26.21 -3.53 4.83	27.34 -2.97 2.97	28.32 -3.08 2.81	29.00 -3.22 3.97	27.45 -3.87 10.31	27.08 -3.59 8.63	25.43 -4.10 12.35	25.27 -3.19 6.58	27.39 -2.31 0.00
SELKIRK___I 23801	41.73 1.00 0.00	45.19 0.94 0.00	37.15 0.78 0.00	44.52 0.87 0.00	45.19 0.95 0.00	44.20 1.13 0.00	55.45 1.84 0.00	47.10 1.50 0.00	74.24 1.87 0.00	36.57 0.62 0.00	31.04 0.39 0.00	32.04 0.34 0.00	35.62 0.36 0.00	33.01 0.33 0.00	34.12 0.44 0.00	34.86 0.70 0.40	34.08 1.06 0.25	35.25 1.27 0.23	37.19 1.33 0.33	42.23 1.46 0.86	39.93 1.37 0.72	42.05 1.20 1.04	35.40 0.91 0.55	30.56 0.86 0.00
SELKIRK___II 23799	41.49 0.76 0.00	44.89 0.63 0.00	36.92 0.55 0.00	44.25 0.61 0.00	44.91 0.68 0.00	43.93 0.86 0.00	55.14 1.53 0.00	46.90 1.31 0.00	74.11 1.74 0.00	36.63 0.68 0.00	31.05 0.40 0.00	32.09 0.39 0.00	35.62 0.36 0.00	33.01 0.33 0.00	34.11 0.43 0.00	34.81 0.64 0.40	33.93 0.91 0.24	35.10 1.11 0.23	37.05 1.19 0.33	42.05 1.27 0.85	39.76 1.18 0.71	41.84 0.98 1.01	35.22 0.72 0.54	30.39 0.69 0.00
SENECA OSWGO___HYD 24041	39.09 -1.65 -0.01	42.43 -1.83 0.00	34.87 -1.50 0.00	41.82 -1.83 0.00	42.35 -1.89 0.00	41.29 -1.78 0.00	52.05 -1.97 -0.42	44.09 -1.50 0.00	69.53 -2.84 0.00	34.36 -1.61 -0.02	29.36 -1.29 0.00	30.36 -1.34 0.00	33.72 -1.55 0.00	31.23 -1.46 0.00	32.09 -1.58 0.00	27.50 -1.68 5.38	28.50 -1.47 3.31	29.69 -1.40 3.13	30.29 -1.48 4.42	28.43 -1.72 11.49	28.03 -1.65 9.61	26.29 -1.83 13.76	26.13 -1.58 7.33	28.42 -1.28 0.00

SENECA___115KV_TB3 355854	37.38 -3.31 0.05	41.05 -3.21 0.00	33.66 -2.71 0.00	40.50 -3.15 0.00	40.86 -3.37 0.00	40.08 -2.99 0.00	47.83 -4.91 0.87	41.93 -3.66 0.00	66.08 -6.28 0.01	32.51 -3.29 0.16	28.08 -2.57 0.00	29.00 -2.70 0.00	32.37 -2.88 0.00	30.10 -2.59 0.00	30.75 -2.93 0.00	26.69 -3.09 4.79	27.83 -2.50 2.94	28.84 -2.59 2.79	29.55 -2.71 3.93	28.13 -3.29 10.21	27.71 -3.04 8.54	26.09 -3.56 12.23	25.76 -2.77 6.52	27.73 -1.97 0.00
SENECA___ENERGY 23797	39.51 -1.19 0.02	43.04 -1.21 0.00	35.35 -1.03 0.00	42.47 -1.18 0.00	43.03 -1.21 0.00	42.31 -0.76 0.00	58.65 -0.90 -5.94	45.07 -0.53 0.00	71.16 -1.20 0.00	35.11 -0.77 0.08	29.83 -0.82 0.00	30.77 -0.93 0.00	34.07 -1.19 0.00	31.62 -1.06 0.00	32.41 -1.27 0.00	28.44 -1.20 4.92	29.27 -0.98 3.02	30.59 -0.77 2.86	31.34 -0.81 4.04	30.14 -1.01 10.48	29.56 -0.96 8.77	28.09 -1.23 12.56	27.24 -1.11 6.69	28.78 -0.93 0.00
SHOEMAKER___GT 23640	42.05 1.32 0.00	45.42 1.16 0.00	37.34 0.97 0.00	44.82 1.17 0.00	45.45 1.22 0.00	44.57 1.50 0.00	56.05 2.44 0.00	47.90 2.30 0.00	75.61 3.24 0.00	37.28 1.33 0.00	31.57 0.92 0.00	32.70 1.00 0.00	36.26 1.00 0.00	33.53 0.85 0.00	34.58 0.89 0.00	35.05 1.06 0.58	34.26 1.35 0.36	35.64 1.76 0.34	37.67 1.96 0.48	42.51 2.12 1.25	40.19 1.94 1.04	42.03 1.64 1.49	35.59 1.35 0.79	30.82 1.12 0.00
SHOEMAKR_138KV_BK 111 55601	42.04 1.31 0.00	45.40 1.15 0.00	37.33 0.95 0.00	44.80 1.15 0.00	45.44 1.20 0.00	44.57 1.50 0.00	56.04 2.44 0.00	47.89 2.29 0.00	75.58 3.21 0.00	37.29 1.33 0.00	31.59 0.94 0.00	32.72 1.02 0.00	36.28 1.02 0.00	33.55 0.87 0.00	34.60 0.92 0.00	35.07 1.09 0.59	34.26 1.36 0.36	35.64 1.76 0.34	37.67 1.96 0.48	42.50 2.13 1.26	40.18 1.94 1.05	42.02 1.64 1.50	35.58 1.34 0.80	30.81 1.11 0.00
SHOREHAM_IC_1 23715	46.32 3.49 -2.10	48.64 3.38 -1.00	50.85 2.84 -11.64	46.98 3.33 0.00	47.65 3.42 0.00	46.93 3.86 0.00	58.95 5.34 0.00	50.40 4.81 0.00	79.12 6.71 -0.05	39.06 3.05 -0.06	32.96 2.30 0.00	34.14 2.45 0.00	37.78 2.52 0.00	34.91 2.23 0.00	38.51 2.60 -2.22	37.10 2.95 0.42	36.18 3.24 0.33	40.57 3.88 -2.47	40.04 4.29 0.44	45.89 4.79 0.54	42.69 4.36 0.96	44.49 3.98 1.38	37.60 3.30 0.73	37.47 2.78 -4.99
SHOREHAM_IC_2 23716	46.32 3.49 -2.10	48.64 3.38 -1.00	50.85 2.84 -11.64	46.98 3.33 0.00	47.65 3.42 0.00	46.93 3.86 0.00	58.95 5.34 0.00	50.40 4.81 0.00	79.12 6.71 -0.05	39.06 3.05 -0.06	32.96 2.30 0.00	34.14 2.45 0.00	37.78 2.52 0.00	34.91 2.23 0.00	38.51 2.60 -2.22	37.10 2.95 0.42	36.18 3.24 0.33	40.57 3.88 -2.47	40.04 4.29 0.44	45.89 4.79 0.54	42.69 4.36 0.96	44.49 3.98 1.38	37.60 3.30 0.73	37.47 2.78 -4.99
SISSONVILLE____ 23735	41.39 0.66 0.00	45.28 1.03 0.00	37.21 0.84 0.00	44.67 1.02 0.00	45.21 0.97 0.00	43.53 0.46 0.00	53.31 -0.30 0.00	45.18 -0.41 0.00	72.30 -0.07 0.00	36.08 0.13 0.00	30.92 0.27 0.00	31.97 0.27 0.00	35.88 0.63 0.00	33.40 0.72 0.00	34.44 0.76 0.00	34.13 0.38 0.82	32.65 -0.12 0.50	33.38 -0.37 0.47	35.06 -0.46 0.67	39.43 -0.46 1.74	37.41 -0.42 1.46	39.70 -0.09 2.09	33.89 -0.04 1.11	29.87 0.16 0.00
SITHE_IND_GS1 24169	38.46 -2.04 0.23	42.03 -2.23 0.00	34.54 -1.83 0.00	41.44 -2.21 0.00	41.98 -2.25 0.00	41.04 -2.04 0.00	50.82 -2.53 0.25	43.58 -2.01 0.00	68.91 -3.41 0.04	33.42 -1.77 0.76	29.09 -1.56 0.00	30.06 -1.64 0.00	33.40 -1.86 0.00	30.96 -1.73 0.00	31.83 -1.85 0.00	25.93 -1.92 6.72	27.40 -1.74 4.12	28.59 -1.72 3.91	28.86 -1.81 5.52	25.20 -2.10 14.33	25.32 -1.98 11.99	22.56 -2.15 17.16	24.05 -1.85 9.14	28.18 -1.53 0.00
SITHE_IND_GS2 24170	38.46 -2.04 0.23	42.03 -2.23 0.00	34.54 -1.83 0.00	41.44 -2.21 0.00	41.98 -2.25 0.00	41.04 -2.04 0.00	50.82 -2.53 0.25	43.58 -2.01 0.00	68.91 -3.41 0.04	33.42 -1.77 0.76	29.09 -1.56 0.00	30.06 -1.64 0.00	33.40 -1.86 0.00	30.96 -1.73 0.00	31.83 -1.85 0.00	25.93 -1.92 6.72	27.40 -1.74 4.12	28.59 -1.72 3.91	28.86 -1.81 5.52	25.20 -2.10 14.33	25.32 -1.98 11.99	22.56 -2.15 17.16	24.05 -1.85 9.14	28.18 -1.53 0.00
SITHE_IND_GS3 24171	38.46 -2.04 0.23	42.03 -2.23 0.00	34.54 -1.83 0.00	41.44 -2.21 0.00	41.98 -2.25 0.00	41.04 -2.04 0.00	50.82 -2.53 0.25	43.58 -2.01 0.00	68.91 -3.41 0.04	33.42 -1.77 0.76	29.09 -1.56 0.00	30.06 -1.64 0.00	33.40 -1.86 0.00	30.96 -1.73 0.00	31.83 -1.85 0.00	25.93 -1.92 6.72	27.40 -1.74 4.12	28.59 -1.72 3.91	28.86 -1.81 5.52	25.20 -2.10 14.33	25.32 -1.98 11.99	22.56 -2.15 17.16	24.05 -1.85 9.14	28.18 -1.53 0.00
SITHE_IND_GS4 24172	38.46 -2.04 0.23	42.03 -2.23 0.00	34.54 -1.83 0.00	41.44 -2.21 0.00	41.98 -2.25 0.00	41.04 -2.04 0.00	50.82 -2.53 0.25	43.58 -2.01 0.00	68.91 -3.41 0.04	33.42 -1.77 0.76	29.09 -1.56 0.00	30.06 -1.64 0.00	33.40 -1.86 0.00	30.96 -1.73 0.00	31.83 -1.85 0.00	25.93 -1.92 6.72	27.40 -1.74 4.12	28.59 -1.72 3.91	28.86 -1.81 5.52	25.20 -2.10 14.33	25.32 -1.98 11.99	22.56 -2.15 17.16	24.05 -1.85 9.14	28.18 -1.53 0.00
SITHE___BATAVIA 24024	38.03 -2.65 0.05	41.69 -2.57 0.00	34.21 -2.16 0.00	41.14 -2.51 0.00	41.55 -2.68 0.00	40.85 -2.22 0.00	48.50 -3.81 1.30	42.93 -2.67 0.00	67.72 -4.64 0.01	33.20 -2.59 0.16	28.56 -2.09 0.00	29.33 -2.37 0.00	32.68 -2.57 0.00	30.34 -2.34 0.00	31.24 -2.44 0.00	27.18 -2.46 4.93	28.23 -2.01 3.03	29.43 -1.93 2.87	30.20 -1.94 4.05	28.72 -2.40 10.51	28.33 -2.17 8.80	26.61 -2.68 12.59	26.20 -2.13 6.71	28.16 -1.54 0.00
SITHE___INDEPEND 23800	38.46 -2.04 0.23	42.02 -2.23 0.00	34.54 -1.84 0.00	41.43 -2.21 0.00	41.98 -2.25 0.00	41.03 -2.04 0.00	50.82 -2.53 0.25	43.58 -2.01 0.00	68.91 -3.41 0.04	33.42 -1.78 0.76	29.09 -1.56 0.00	30.06 -1.64 0.00	33.40 -1.86 0.00	30.95 -1.73 0.00	31.83 -1.85 0.00	25.92 -1.92 6.72	27.40 -1.75 4.12	28.59 -1.73 3.91	28.86 -1.82 5.52	25.18 -2.12 14.33	25.32 -1.98 11.99	22.55 -2.17 17.16	24.04 -1.86 9.14	28.18 -1.53 0.00
SITHE___MASSENA 23902	41.56 0.83 0.00	45.44 1.19 0.00	37.33 0.96 0.00	44.81 1.16 0.00	45.37 1.14 0.00	43.82 0.75 0.00	53.83 0.22 0.00	45.59 0.00 0.00	73.02 0.65 0.00	36.49 0.54 0.00	31.29 0.64 0.00	32.38 0.69 0.00	36.32 1.07 0.00	33.76 1.07 0.00	34.78 1.10 0.00	34.95 0.76 0.38	33.30 0.27 0.23	34.01 0.01 0.22	35.81 -0.08 0.31	40.84 0.01 0.80	38.67 0.05 0.67	41.33 0.40 0.96	34.93 0.40 0.51	30.07 0.36 0.00
SITHE___OGDNSBRG 24021	42.37 1.63 0.00	46.38 2.13 0.00	38.12 1.75 0.00	45.76 2.11 0.00	46.30 2.07 0.00	44.57 1.50 0.00	54.73 1.12 0.00	46.37 0.77 0.00	74.17 1.80 0.00	37.04 1.09 0.00	31.71 1.06 0.00	32.77 1.07 0.00	36.71 1.45 0.00	34.27 1.59 0.00	35.34 1.67 0.00	35.21 1.29 0.64	33.59 0.72 0.40	34.35 0.51 0.37	36.11 0.45 0.53	40.88 0.62 1.38	38.74 0.60 1.15	41.23 1.00 1.65	35.01 0.85 0.88	30.47 0.77 0.00

SITHE___STERLING 23777	41.54 0.83 0.02	45.10 0.85 0.00	37.05 0.68 0.00	44.49 0.84 0.00	45.15 0.92 0.00	44.24 1.17 0.00	55.35 1.76 0.02	47.22 1.63 0.00	74.62 2.25 0.00	36.78 0.88 0.05	31.24 0.58 0.00	32.17 0.48 0.00	35.74 0.48 0.00	33.14 0.46 0.00	34.25 0.58 0.00	32.63 0.68 2.62	32.55 0.89 1.61	33.81 1.11 1.52	35.23 1.19 2.15	37.36 1.31 5.58	35.79 1.17 4.67	36.26 1.07 6.69	32.24 0.76 3.56	30.32 0.62 0.00
SLEIGHT__34_KV_TB1 80719	38.73 -1.96 0.04	42.24 -2.02 0.00	34.67 -1.70 0.00	41.67 -1.98 0.00	42.20 -2.04 0.00	41.38 -1.69 0.00	49.57 -2.33 1.71	43.98 -1.62 0.00	69.42 -2.94 0.01	34.17 -1.64 0.14	29.23 -1.43 0.00	30.18 -1.52 0.00	33.55 -1.71 0.00	31.09 -1.59 0.00	31.96 -1.72 0.00	27.78 -1.75 5.03	28.78 -1.39 3.09	29.97 -1.32 2.93	30.70 -1.36 4.13	29.21 -1.69 10.73	28.72 -1.59 8.98	27.07 -1.96 12.86	26.56 -1.63 6.85	28.41 -1.30 0.00
SOUTH CAIRO___GT 23612	43.15 2.42 0.00	46.71 2.46 0.00	38.42 2.05 0.00	46.02 2.37 0.00	46.80 2.56 0.00	45.86 2.79 0.00	57.77 4.17 0.00	49.16 3.57 0.00	77.18 4.81 0.00	37.51 1.56 0.00	31.56 0.91 0.00	32.47 0.77 0.00	36.05 0.79 0.00	33.48 0.79 0.00	34.64 0.96 0.00	35.62 1.49 0.43	35.23 2.23 0.27	36.65 2.68 0.25	38.68 2.85 0.36	43.81 3.10 0.93	41.36 2.85 0.77	43.46 2.69 1.11	36.46 2.01 0.59	31.47 1.77 0.00
SOUTH HAMPTN___IC 23720	46.59 3.76 -2.10	48.93 3.68 -1.00	51.14 3.12 -11.64	47.27 3.62 0.00	48.01 3.77 0.00	47.35 4.28 0.00	59.51 5.91 0.00	50.86 5.27 0.00	79.74 7.33 -0.05	39.37 3.36 -0.06	33.20 2.55 0.00	34.41 2.71 0.00	38.04 2.78 0.00	35.13 2.45 0.00	38.75 2.85 -2.22	37.36 3.22 0.42	36.45 3.51 0.33	40.86 4.17 -2.47	40.36 4.61 0.44	46.28 5.19 0.54	43.09 4.76 0.96	44.92 4.42 1.38	37.94 3.64 0.73	37.77 3.07 -4.99
SOUTHDOW_115KV_TB1 355954	39.40 -1.28 0.05	43.19 -1.07 0.00	35.39 -0.98 0.00	42.62 -1.03 0.00	42.99 -1.25 0.00	42.20 -0.88 0.00	51.44 -1.72 0.45	44.68 -0.91 0.00	70.05 -2.31 0.01	34.41 -1.40 0.15	29.76 -0.89 0.00	30.80 -0.90 0.00	34.31 -0.95 0.00	31.80 -0.88 0.00	32.32 -1.36 0.00	28.36 -1.55 4.65	29.58 -0.83 2.86	30.65 -0.87 2.71	31.51 -0.86 3.82	30.49 -1.22 9.92	29.86 -1.13 8.30	28.29 -1.70 11.88	27.33 -1.38 6.33	28.86 -0.84 0.00
SOUTHOLD_69_KV_BK 2 55809	46.89 4.06 -2.10	49.28 4.02 -1.00	51.50 3.48 -11.64	47.59 3.94 0.00	48.45 4.22 0.00	47.91 4.83 0.00	60.29 6.69 0.00	51.48 5.88 0.00	80.58 8.16 -0.05	39.74 3.73 -0.06	33.50 2.85 0.00	34.74 3.05 0.00	38.34 3.08 0.00	35.36 2.68 0.00	39.03 3.12 -2.22	37.70 3.56 0.42	36.83 3.89 0.33	41.28 4.59 -2.47	40.83 5.08 0.44	46.86 5.76 0.54	43.69 5.36 0.96	45.56 5.06 1.38	38.44 4.14 0.73	38.18 3.49 -4.99
SOUTH_FORK_WT_PWR 323839	46.73 3.89 -2.10	49.13 3.87 -1.00	51.42 3.41 -11.64	47.41 3.76 0.00	48.34 4.11 0.00	47.85 4.78 0.00	60.27 6.66 0.00	51.42 5.83 0.00	80.39 7.98 -0.05	39.68 3.67 -0.06	33.46 2.80 0.00	34.74 3.04 0.00	38.28 3.03 0.00	35.28 2.59 0.00	38.96 3.06 -2.22	37.63 3.49 0.42	36.75 3.82 0.33	41.19 4.50 -2.47	40.76 5.01 0.44	46.80 5.70 0.54	43.69 5.36 0.96	45.57 5.07 1.38	38.45 4.14 0.73	38.20 3.51 -4.99
SPIERFLS_115KV_TB 1 80737	41.27 0.54 0.00	44.75 0.49 0.00	36.82 0.45 0.00	44.14 0.49 0.00	44.91 0.67 0.00	44.07 1.00 0.00	55.49 1.88 0.00	47.33 1.74 0.00	74.44 2.08 0.00	36.50 0.54 0.00	30.86 0.21 0.00	31.83 0.13 0.00	35.36 0.10 0.00	32.81 0.13 0.00	34.10 0.41 0.00	35.00 0.82 0.38	34.26 1.23 0.24	35.35 1.36 0.22	37.37 1.49 0.31	42.37 1.56 0.82	39.89 1.28 0.68	41.94 1.04 0.98	35.17 0.66 0.52	30.33 0.63 0.00
ST LAWRENCE____ 23600	41.11 0.38 0.00	44.92 0.67 0.00	36.91 0.54 0.00	44.31 0.66 0.00	44.85 0.62 0.00	43.31 0.24 0.00	53.26 -0.35 0.00	45.12 -0.47 0.00	72.24 -0.13 0.00	36.12 0.16 0.00	30.99 0.34 0.00	32.08 0.38 0.00	35.87 0.62 0.00	33.32 0.64 0.00	34.32 0.64 0.00	34.70 0.42 0.28	33.04 -0.05 0.17	33.72 -0.33 0.16	35.54 -0.42 0.23	40.65 -0.38 0.60	38.46 -0.32 0.51	41.17 0.02 0.73	34.75 0.09 0.39	29.77 0.06 0.00
STATE_CA_115KV_115_LB 55624	41.47 0.74 0.00	44.84 0.58 0.00	36.91 0.53 0.00	44.20 0.55 0.00	44.88 0.64 0.00	43.90 0.83 0.00	55.22 1.61 0.00	46.96 1.37 0.00	74.21 1.84 0.00	36.69 0.74 0.00	31.07 0.42 0.00	32.10 0.40 0.00	35.61 0.35 0.00	33.02 0.34 0.00	34.16 0.48 0.00	34.90 0.73 0.39	34.04 1.02 0.24	35.22 1.23 0.23	37.15 1.28 0.32	42.16 1.36 0.84	39.85 1.26 0.70	41.90 1.03 1.00	35.24 0.73 0.53	30.42 0.72 0.00
STATE_ST_34_KV_LOAD 55959	39.92 -0.79 0.02	43.41 -0.84 0.00	35.65 -0.72 0.00	42.81 -0.84 0.00	43.41 -0.82 0.00	42.54 -0.53 0.00	55.62 -0.56 -2.56	45.34 -0.25 0.00	71.57 -0.79 0.00	35.29 -0.60 0.07	30.03 -0.63 0.00	30.99 -0.71 0.00	34.40 -0.86 0.00	31.95 -0.74 0.00	32.79 -0.89 0.00	28.79 -0.85 4.92	29.71 -0.54 3.02	30.97 -0.38 2.86	31.75 -0.40 4.05	30.54 -0.60 10.50	30.05 -0.45 8.79	28.52 -0.77 12.58	27.60 -0.74 6.70	29.16 -0.54 0.00
STATION 5_MISC_HYD 23604	38.20 -2.48 0.05	41.78 -2.47 0.00	34.29 -2.09 0.00	41.20 -2.45 0.00	41.68 -2.56 0.00	40.85 -2.22 0.00	48.60 -3.41 1.60	43.11 -2.48 0.00	68.10 -4.26 0.01	33.51 -1.87 0.17	28.78 -1.99 0.00	29.71 -2.17 0.00	33.09 -1.98 0.00	30.70 -2.13 0.00	31.55 -2.17 0.00	27.37 -1.80 5.03	28.38 -1.79 3.09	29.51 -1.84 2.93	30.22 -1.84 4.13	28.67 -2.23 10.73	28.26 -2.05 8.98	26.59 -2.44 12.85	26.21 -1.98 6.85	28.15 -1.55 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.44 -1.26 0.04	43.05 -1.20 0.00	35.36 -1.01 0.00	42.48 -1.17 0.00	43.05 -1.19 0.00	42.27 -0.80 0.00	48.69 -1.12 3.80	44.91 -0.68 0.00	70.88 -1.48 0.01	34.93 -0.91 0.11	29.80 -0.86 0.00	30.73 -0.97 0.00	34.07 -1.19 0.00	31.67 -1.02 0.00	32.47 -1.21 0.00	28.40 -1.15 5.02	29.40 -0.79 3.08	30.66 -0.64 2.92	31.41 -0.67 4.12	30.06 -0.87 10.70	29.49 -0.84 8.95	27.92 -1.14 12.82	27.20 -1.02 6.83	28.89 -0.81 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.12 -2.56 0.05	41.67 -2.59 0.00	34.19 -2.18 0.00	41.10 -2.55 0.00	41.59 -2.65 0.00	40.76 -2.31 0.00	48.17 -3.44 2.00	43.08 -2.52 0.00	68.07 -4.29 0.01	33.51 -2.28 0.17	28.76 -1.89 0.00	29.68 -2.02 0.00	33.05 -2.21 0.00	30.66 -2.02 0.00	31.50 -2.18 0.00	27.28 -2.25 5.03	28.31 -1.87 3.09	29.44 -1.85 2.93	30.15 -1.91 4.14	28.59 -2.31 10.74	28.13 -2.17 8.99	26.45 -2.56 12.86	26.10 -2.09 6.85	28.07 -1.63 0.00

STA_56___34_KV_BUS2 355983	38.12 -2.56 0.05	41.67 -2.59 0.00	34.19 -2.18 0.00	41.10 -2.55 0.00	41.59 -2.65 0.00	40.76 -2.31 0.00	48.17 -3.44 2.00	43.08 -2.52 0.00	68.07 -4.29 0.01	33.51 -2.28 0.17	28.76 -1.89 0.00	29.68 -2.02 0.00	33.05 -2.21 0.00	30.66 -2.02 0.00	31.50 -2.18 0.00	27.28 -2.25 5.03	28.31 -1.87 3.09	29.44 -1.85 2.93	30.15 -1.91 4.14	28.59 -2.31 10.74	28.13 -2.17 8.99	26.45 -2.56 12.86	26.10 -2.09 6.85	28.07 -1.63 0.00
STA_67___115KV_BK2 355882	38.13 -2.55 0.05	41.68 -2.58 0.00	34.20 -2.17 0.00	41.11 -2.53 0.00	41.60 -2.64 0.00	40.76 -2.31 0.00	48.48 -3.53 1.60	43.01 -2.59 0.00	67.93 -4.43 0.01	33.44 -2.34 0.17	28.71 -1.94 0.00	29.64 -2.06 0.00	33.01 -2.25 0.00	30.63 -2.06 0.00	31.47 -2.21 0.00	27.25 -2.29 5.03	28.28 -1.90 3.09	29.39 -1.90 2.93	30.12 -1.94 4.13	28.54 -2.36 10.73	28.11 -2.20 8.98	26.43 -2.59 12.86	26.10 -2.09 6.85	28.09 -1.61 0.00
STA_7___115KV_9TRANS 80674	38.39 -2.29 0.05	41.96 -2.29 0.00	34.42 -1.95 0.00	41.37 -2.27 0.00	41.86 -2.37 0.00	41.05 -2.02 0.00	48.86 -3.15 1.60	43.36 -2.23 0.00	68.48 -3.87 0.01	33.71 -2.08 0.17	28.92 -1.73 0.00	29.85 -1.85 0.00	33.25 -2.01 0.00	30.84 -1.84 0.00	31.71 -1.97 0.00	27.49 -2.05 5.03	28.54 -1.64 3.09	29.67 -1.62 2.93	30.43 -1.63 4.13	28.88 -2.02 10.73	28.42 -1.88 8.98	26.75 -2.28 12.85	26.34 -1.85 6.85	28.28 -1.42 0.00
STA_82___115KV_TB1 80780	38.13 -2.55 0.05	41.69 -2.56 0.00	34.21 -2.16 0.00	41.11 -2.53 0.00	41.60 -2.64 0.00	40.77 -2.30 0.00	48.47 -3.52 1.62	43.02 -2.57 0.00	67.93 -4.42 0.01	33.45 -2.33 0.17	28.72 -1.93 0.00	29.65 -2.05 0.00	33.02 -2.24 0.00	30.64 -2.05 0.00	31.48 -2.20 0.00	27.25 -2.28 5.03	28.30 -1.88 3.09	29.42 -1.87 2.92	30.14 -1.92 4.13	28.58 -2.34 10.72	28.14 -2.19 8.97	26.46 -2.57 12.84	26.11 -2.09 6.84	28.10 -1.60 0.00
STEEL___WIND 323596	37.35 -3.33 0.05	41.03 -3.23 0.00	33.65 -2.72 0.00	40.47 -3.18 0.00	40.83 -3.41 0.00	40.05 -3.02 0.00	47.79 -4.95 0.87	41.90 -3.69 0.00	66.07 -6.29 0.01	32.47 -3.33 0.16	28.06 -2.60 0.00	28.97 -2.73 0.00	32.34 -2.91 0.00	30.07 -2.61 0.00	30.73 -2.95 0.00	26.72 -3.05 4.79	27.82 -2.50 2.94	28.84 -2.59 2.79	29.52 -2.74 3.93	28.11 -3.31 10.21	27.76 -2.98 8.55	26.14 -3.50 12.23	25.79 -2.74 6.52	27.71 -1.99 0.00
STEPHTWN_115KV_BK_2 55603	41.82 1.09 0.00	45.25 1.00 0.00	37.18 0.81 0.00	44.57 0.92 0.00	45.30 1.07 0.00	44.30 1.23 0.00	55.89 2.28 0.00	47.54 1.95 0.00	75.00 2.63 0.00	37.01 1.06 0.00	31.21 0.56 0.00	32.27 0.57 0.00	35.86 0.60 0.00	33.18 0.50 0.00	34.33 0.65 0.00	35.11 0.94 0.39	34.31 1.29 0.24	35.54 1.56 0.23	37.54 1.67 0.32	42.63 1.84 0.85	40.28 1.70 0.71	42.31 1.44 1.01	35.54 1.04 0.54	30.66 0.96 0.00
STEBUBEN_REC_LFGE 323667	40.67 -0.04 0.03	44.24 -0.01 0.00	36.30 -0.08 0.00	43.64 0.00 0.00	44.07 -0.17 0.00	43.15 0.08 0.00	56.83 0.55 -2.68	46.61 1.01 0.00	72.87 0.51 0.00	36.06 0.20 0.10	30.75 0.10 0.00	31.60 -0.10 0.00	34.95 -0.31 0.00	32.34 -0.35 0.00	33.09 -0.59 0.00	30.03 -0.44 4.10	31.01 0.26 2.52	32.44 0.60 2.38	33.54 0.71 3.37	33.70 0.81 8.74	32.71 0.73 7.31	31.75 0.34 10.47	29.44 -0.02 5.58	29.54 -0.17 0.00
STILLWATER___SOLAR 323814	42.10 1.37 0.00	45.62 1.36 0.00	37.51 1.13 0.00	44.99 1.34 0.00	45.70 1.46 0.00	44.74 1.66 0.00	56.24 2.64 0.00	47.91 2.32 0.00	75.52 3.15 0.00	37.09 1.13 0.00	31.39 0.73 0.00	32.39 0.69 0.00	36.02 0.76 0.00	33.39 0.70 0.00	34.59 0.91 0.00	35.49 1.31 0.38	34.67 1.64 0.24	35.82 1.83 0.22	37.86 1.98 0.31	42.96 2.15 0.82	40.56 1.95 0.68	42.67 1.77 0.98	35.84 1.32 0.52	30.89 1.19 0.00
STONY___BROOK 24151	46.29 3.46 -2.10	48.57 3.32 -1.00	50.79 2.78 -11.64	46.93 3.28 0.00	47.55 3.32 0.00	46.80 3.73 0.00	58.81 5.20 0.00	50.33 4.73 0.00	79.14 6.72 -0.05	39.13 3.12 -0.06	33.02 2.36 0.00	34.21 2.51 0.00	37.88 2.62 0.00	35.02 2.33 0.00	38.63 2.72 -2.22	37.13 2.99 0.42	36.18 3.24 0.33	40.40 3.71 -2.47	39.87 4.12 0.44	45.67 4.57 0.54	42.47 4.14 0.96	44.40 3.90 1.38	37.51 3.20 0.73	37.39 2.69 -4.99
STURGEON_POOL_HYD 23609	42.53 1.79 0.00	45.87 1.62 0.00	37.73 1.36 0.00	45.28 1.63 0.00	45.91 1.67 0.00	45.11 2.04 0.00	56.78 3.18 0.00	48.63 3.03 0.00	76.84 4.47 0.00	37.97 2.01 0.00	32.14 1.49 0.00	33.29 1.59 0.00	36.86 1.60 0.00	34.10 1.42 0.00	35.18 1.50 0.00	35.69 1.65 0.52	34.82 1.87 0.32	36.23 2.31 0.30	38.35 2.59 0.43	43.36 2.84 1.11	40.95 2.58 0.93	42.80 2.25 1.33	36.16 1.82 0.71	31.21 1.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.21 1.47 0.00	45.54 1.29 0.00	37.44 1.07 0.00	44.97 1.32 0.00	45.58 1.35 0.00	44.75 1.68 0.00	56.32 2.71 0.00	48.17 2.57 0.00	76.04 3.68 0.00	37.51 1.56 0.00	31.77 1.12 0.00	32.93 1.24 0.00	36.51 1.26 0.00	33.75 1.07 0.00	34.80 1.12 0.00	35.27 1.28 0.57	34.47 1.56 0.35	35.86 1.98 0.33	37.93 2.21 0.47	42.80 2.39 1.22	40.44 2.17 1.02	42.28 1.86 1.46	35.77 1.52 0.78	30.95 1.25 0.00
SWANROAD_115KV_TB1 355699	36.01 -4.67 0.05	39.50 -4.75 0.00	32.44 -3.94 0.00	39.01 -4.64 0.00	39.34 -4.89 0.00	38.62 -4.45 0.00	45.49 -7.04 1.07	40.06 -5.53 0.00	63.25 -9.10 0.01	31.13 -4.66 0.16	26.93 -3.73 0.00	27.77 -3.93 0.00	30.99 -4.27 0.00	28.84 -3.85 0.00	29.51 -4.17 0.00	25.35 -4.35 4.86	26.50 -3.78 2.99	27.49 -3.91 2.83	28.11 -4.09 4.00	26.38 -4.88 10.37	26.05 -4.56 8.68	24.34 -5.11 12.43	24.44 -3.98 6.62	26.80 -2.90 0.00
SYNERGY___BIOGAS 323694	38.03 -2.65 0.05	41.69 -2.57 0.00	34.21 -2.16 0.00	41.14 -2.51 0.00	41.55 -2.68 0.00	40.85 -2.22 0.00	48.50 -3.81 1.30	42.93 -2.67 0.00	67.72 -4.64 0.01	33.20 -2.59 0.16	28.56 -2.09 0.00	29.33 -2.37 0.00	32.68 -2.57 0.00	30.34 -2.34 0.00	31.24 -2.44 0.00	27.18 -2.46 4.93	28.23 -2.01 3.03	29.43 -1.93 2.87	30.20 -1.94 4.05	28.72 -2.40 10.51	28.33 -2.17 8.80	26.61 -2.68 12.59	26.20 -2.13 6.71	28.16 -1.54 0.00
SYRACUSE___ENERGY_ST1 323597	39.65 -1.07 0.02	43.08 -1.17 0.00	35.36 -1.01 0.00	42.45 -1.20 0.00	43.02 -1.22 0.00	42.16 -0.91 0.00	53.55 -1.13 -1.07	44.82 -0.77 0.00	70.87 -1.50 0.00	35.02 -0.87 0.05	29.79 -0.86 0.00	30.76 -0.93 0.00	34.18 -1.08 0.00	31.68 -1.00 0.00	32.56 -1.12 0.00	28.29 -1.18 5.09	29.19 -0.95 3.12	30.41 -0.85 2.96	31.13 -0.89 4.18	29.70 -1.08 10.85	29.19 -1.02 9.08	27.67 -1.21 13.00	27.05 -1.07 6.92	28.84 -0.86 0.00
SYRACUSE___ENERGY_ST2 323598	39.65 -1.07 0.02	43.08 -1.17 0.00	35.36 -1.01 0.00	42.45 -1.20 0.00	43.02 -1.22 0.00	42.16 -0.91 0.00	53.55 -1.13 -1.07	44.82 -0.77 0.00	70.87 -1.50 0.00	35.02 -0.87 0.05	29.79 -0.86 0.00	30.76 -0.93 0.00	34.18 -1.08 0.00	31.68 -1.00 0.00	32.56 -1.12 0.00	28.29 -1.18 5.09	29.19 -0.95 3.12	30.41 -0.85 2.96	31.13 -0.89 4.18	29.70 -1.08 10.85	29.19 -1.02 9.08	27.67 -1.21 13.00	27.05 -1.07 6.92	28.84 -0.86 0.00

SYRACUSE___POWER 24017	39.59 -1.12 0.03	43.01 -1.24 0.00	35.34 -1.04 0.00	42.41 -1.23 0.00	42.98 -1.25 0.00	42.13 -0.94 0.00	53.03 -1.10 -0.52	44.86 -0.74 0.00	70.90 -1.46 0.00	35.00 -0.87 0.08	29.79 -0.86 0.00	30.76 -0.94 0.00	34.18 -1.08 0.00	31.67 -1.01 0.00	32.57 -1.11 0.00	28.55 -1.17 4.84	29.39 -0.91 2.97	30.60 -0.81 2.81	31.38 -0.84 3.97	30.31 -1.01 10.32	29.69 -0.96 8.63	28.36 -1.17 12.36	27.43 -1.03 6.58	28.86 -0.84 0.00
TALLMAN___138KV_BK151 55660	42.36 1.64 0.00	45.67 1.42 0.00	37.54 1.17 0.00	45.09 1.45 0.00	45.72 1.48 0.00	44.90 1.83 0.00	56.58 2.97 0.00	48.44 2.85 0.00	76.42 4.05 0.00	37.70 1.75 0.00	31.93 1.28 0.00	33.14 1.44 0.00	36.74 1.48 0.00	33.94 1.26 0.00	34.98 1.30 0.00	35.47 1.46 0.56	34.64 1.72 0.34	36.07 2.18 0.33	38.18 2.44 0.46	43.07 2.63 1.20	40.69 2.40 1.00	42.50 2.05 1.43	35.96 1.69 0.76	31.08 1.38 0.00
TEALLAVE_115KV_TB7 355573	39.24 -1.46 0.03	42.64 -1.61 0.00	35.02 -1.35 0.00	42.05 -1.60 0.00	42.62 -1.62 0.00	41.76 -1.31 0.00	52.28 -1.61 -0.28	44.44 -1.16 0.00	70.26 -2.10 0.00	34.70 -1.16 0.09	29.55 -1.10 0.00	30.52 -1.18 0.00	33.91 -1.35 0.00	31.42 -1.26 0.00	32.31 -1.38 0.00	28.33 -1.43 4.81	29.12 -1.20 2.95	30.30 -1.12 2.79	31.07 -1.17 3.95	29.99 -1.39 10.25	29.38 -1.33 8.57	28.06 -1.54 12.28	27.17 -1.33 6.54	28.61 -1.09 0.00
TELGRAPH_34_KV_EAST 80808	37.23 -3.45 0.05	40.84 -3.42 0.00	33.52 -2.85 0.00	40.31 -3.34 0.00	40.70 -3.53 0.00	39.97 -3.10 0.00	47.27 -5.12 1.22	41.77 -3.82 0.00	65.89 -6.47 0.01	32.38 -3.40 0.16	27.93 -2.72 0.00	28.77 -2.93 0.00	32.07 -3.18 0.00	29.81 -2.87 0.00	30.57 -3.11 0.00	26.43 -3.23 4.90	27.56 -2.70 3.01	28.65 -2.72 2.85	29.34 -2.82 4.03	27.75 -3.42 10.46	27.36 -3.18 8.76	25.64 -3.70 12.53	25.47 -2.89 6.68	27.63 -2.07 0.00
TEMPLE___115KV_TB 2 55572	39.25 -1.45 0.03	42.66 -1.60 0.00	35.05 -1.32 0.00	42.07 -1.57 0.00	42.63 -1.61 0.00	41.77 -1.30 0.00	52.30 -1.57 -0.26	44.46 -1.14 0.00	70.29 -2.07 0.00	34.72 -1.14 0.10	29.57 -1.08 0.00	30.54 -1.16 0.00	33.93 -1.33 0.00	31.45 -1.24 0.00	32.33 -1.35 0.00	28.31 -1.42 4.83	29.13 -1.17 2.97	30.32 -1.10 2.81	31.08 -1.15 3.97	29.96 -1.37 10.30	29.36 -1.31 8.62	28.02 -1.52 12.35	27.14 -1.32 6.58	28.63 -1.08 0.00
TIANA___69_KV_BK 1 55817	46.53 3.70 -2.10	48.86 3.60 -1.00	51.07 3.05 -11.64	47.19 3.54 0.00	47.91 3.68 0.00	47.23 4.16 0.00	59.35 5.74 0.00	50.74 5.14 0.00	79.58 7.17 -0.05	39.28 3.27 -0.06	33.13 2.48 0.00	34.33 2.63 0.00	37.96 2.71 0.00	35.07 2.38 0.00	38.69 2.79 -2.22	37.31 3.16 0.42	36.38 3.45 0.33	40.79 4.10 -2.47	40.29 4.54 0.44	46.19 5.10 0.54	42.99 4.66 0.96	44.80 4.30 1.38	37.86 3.55 0.73	37.68 2.99 -4.99
TILDEN___115KV_TB1 80814	39.59 -1.12 0.03	43.01 -1.24 0.00	35.34 -1.04 0.00	42.41 -1.23 0.00	42.98 -1.25 0.00	42.13 -0.94 0.00	53.03 -1.10 -0.52	44.86 -0.74 0.00	70.90 -1.46 0.00	35.00 -0.87 0.08	29.79 -0.86 0.00	30.76 -0.94 0.00	34.18 -1.08 0.00	31.67 -1.01 0.00	32.57 -1.11 0.00	28.55 -1.17 4.84	29.39 -0.91 2.97	30.60 -0.81 2.81	31.38 -0.84 3.97	30.31 -1.01 10.32	29.69 -0.96 8.63	28.36 -1.17 12.36	27.43 -1.03 6.58	28.86 -0.84 0.00
TRIGEN___CC 323695	45.34 2.51 -2.10	47.63 2.38 -1.00	50.00 1.99 -11.64	46.01 2.37 0.00	46.59 2.36 0.00	45.79 2.72 0.00	57.51 3.90 0.00	49.20 3.61 0.00	77.59 5.17 -0.05	38.51 2.50 -0.06	32.56 1.91 0.00	33.77 2.07 0.00	37.44 2.18 0.00	34.59 1.91 0.00	38.01 2.11 -2.22	36.41 2.27 0.42	35.41 2.47 0.33	39.62 2.94 -2.47	38.98 3.23 0.44	44.67 3.57 0.54	41.59 3.26 0.96	43.34 2.84 1.38	36.69 2.38 0.73	36.70 2.00 -4.99
TRINITY___115KV___ 4 BK 55933	41.34 0.61 0.00	44.70 0.45 0.00	36.79 0.42 0.00	44.07 0.42 0.00	44.74 0.50 0.00	43.76 0.68 0.00	55.02 1.41 0.00	46.79 1.20 0.00	73.93 1.56 0.00	36.55 0.60 0.00	30.96 0.30 0.00	31.98 0.28 0.00	35.47 0.21 0.00	32.90 0.21 0.00	34.02 0.34 0.00	34.76 0.59 0.39	33.91 0.88 0.24	35.08 1.09 0.23	37.01 1.14 0.32	41.97 1.18 0.84	39.70 1.11 0.70	41.75 0.88 1.01	35.13 0.63 0.54	30.33 0.63 0.00
UNION___PROCESSING_DRP 323587	38.14 -2.54 0.05	41.71 -2.54 0.00	34.22 -2.15 0.00	41.13 -2.51 0.00	41.61 -2.63 0.00	40.78 -2.29 0.00	48.47 -3.50 1.64	43.03 -2.56 0.00	67.99 -4.37 0.01	33.47 -2.32 0.17	28.73 -1.92 0.00	29.66 -2.04 0.00	33.03 -2.23 0.00	30.64 -2.04 0.00	31.48 -2.20 0.00	27.26 -2.28 5.02	28.31 -1.87 3.09	29.43 -1.87 2.92	30.15 -1.91 4.13	28.60 -2.32 10.72	28.15 -2.17 8.97	26.47 -2.57 12.84	26.12 -2.08 6.84	28.11 -1.59 0.00
UPPER HUDSON___HYD 24058	41.27 0.54 0.00	44.75 0.49 0.00	36.82 0.45 0.00	44.14 0.49 0.00	44.90 0.67 0.00	44.07 1.00 0.00	55.50 1.89 0.00	47.33 1.74 0.00	74.44 2.08 0.00	36.50 0.55 0.00	30.86 0.21 0.00	31.83 0.13 0.00	35.36 0.10 0.00	32.82 0.13 0.00	34.09 0.41 0.00	35.00 0.82 0.38	34.26 1.23 0.24	35.35 1.36 0.22	37.37 1.49 0.31	42.37 1.56 0.82	39.88 1.27 0.68	41.92 1.02 0.98	35.17 0.66 0.52	30.33 0.63 0.00
UPPER RAQUET___HYD 24056	41.39 0.66 0.00	45.29 1.03 0.00	37.21 0.84 0.00	44.67 1.02 0.00	45.21 0.97 0.00	43.53 0.46 0.00	53.31 -0.30 0.00	45.18 -0.41 0.00	72.30 -0.07 0.00	36.08 0.13 0.00	30.92 0.27 0.00	31.97 0.27 0.00	35.88 0.63 0.00	33.40 0.72 0.00	34.44 0.76 0.00	34.13 0.38 0.82	32.65 -0.12 0.50	33.38 -0.37 0.47	35.06 -0.47 0.67	39.43 -0.46 1.74	37.41 -0.42 1.46	39.69 -0.10 2.09	33.89 -0.04 1.11	29.87 0.17 0.00
VALLEY44_115KV_TB2 355964	38.42 -2.27 0.04	42.08 -2.17 0.00	34.48 -1.90 0.00	41.58 -2.07 0.00	41.99 -2.24 0.00	40.96 -2.11 0.00	49.84 -3.41 0.36	43.24 -2.35 0.00	67.78 -4.58 0.01	33.28 -2.53 0.14	28.75 -1.90 0.00	29.89 -1.80 0.00	33.30 -1.96 0.00	30.84 -1.84 0.00	31.47 -2.21 0.00	27.42 -2.54 4.61	28.62 -1.81 2.83	29.57 -1.96 2.68	30.39 -2.02 3.79	29.20 -2.60 9.83	28.76 -2.30 8.23	27.39 -2.71 11.78	26.74 -2.03 6.28	28.27 -1.43 0.00
VALLEY___115KV_TB 1-4 80826	41.06 0.33 0.00	44.47 0.22 0.00	36.56 0.18 0.00	43.88 0.23 0.00	44.56 0.32 0.00	43.65 0.58 0.00	54.93 1.32 0.00	46.89 1.30 0.00	73.87 1.50 0.00	36.42 0.47 0.00	30.73 0.08 0.00	31.70 0.00 0.00	35.18 -0.07 0.00	32.64 -0.04 0.00	33.77 0.09 0.00	34.39 0.30 0.47	33.66 0.68 0.29	34.86 0.92 0.27	36.84 1.03 0.39	41.75 1.11 1.00	39.49 1.04 0.84	41.48 0.80 1.20	34.94 0.54 0.64	30.17 0.46 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.43 1.71 0.01	46.03 1.78 0.00	37.83 1.46 0.00	45.40 1.75 0.00	46.08 1.84 0.00	45.16 2.09 0.00	57.13 2.99 -0.53	48.14 2.55 0.00	75.99 3.63 0.00	37.54 1.62 0.03	31.91 1.26 0.00	32.96 1.26 0.00	36.54 1.28 0.00	33.84 1.15 0.00	34.80 1.12 0.00	34.00 1.18 1.74	33.58 1.39 1.07	34.83 1.62 1.01	36.59 1.83 1.43	39.98 2.07 3.72	38.08 1.90 3.11	39.18 1.76 4.46	34.07 1.41 2.37	30.88 1.18 0.00

VISCHER___FERRY HYD 24020	42.00 1.27 0.00	45.46 1.20 0.00	37.38 1.01 0.00	44.81 1.16 0.00	45.51 1.28 0.00	44.49 1.41 0.00	55.89 2.28 0.00	47.56 1.96 0.00	75.13 2.76 0.00	37.01 1.06 0.00	31.35 0.70 0.00	32.36 0.67 0.00	35.96 0.70 0.00	33.34 0.66 0.00	34.53 0.85 0.00	35.31 1.13 0.38	34.41 1.38 0.24	35.58 1.59 0.22	37.61 1.73 0.32	42.67 1.85 0.82	40.36 1.76 0.69	42.47 1.57 0.98	35.71 1.20 0.52	30.81 1.11 0.00
V_A_10_SYNC_DSASP 323832	37.00 -3.68 0.05	40.63 -3.63 0.00	33.32 -3.05 0.00	40.07 -3.58 0.00	40.46 -3.78 0.00	39.63 -3.44 0.00	46.99 -5.38 1.24	41.41 -4.18 0.00	65.40 -6.96 0.01	32.18 -3.61 0.17	27.75 -2.90 0.00	28.69 -3.01 0.00	32.00 -3.26 0.00	29.73 -2.96 0.00	30.50 -3.18 0.00	26.31 -3.30 4.95	27.36 -2.87 3.04	28.37 -2.97 2.88	29.01 -3.11 4.07	27.35 -3.71 10.57	27.07 -3.38 8.84	25.38 -3.84 12.66	25.27 -3.02 6.75	27.39 -2.31 0.00
V_CMM_10_SYNC_DSASP 323787	41.28 0.55 0.00	45.13 0.88 0.00	37.07 0.70 0.00	44.50 0.85 0.00	45.05 0.82 0.00	43.52 0.45 0.00	53.52 -0.08 0.00	45.35 -0.25 0.00	72.60 0.23 0.00	36.29 0.33 0.00	31.13 0.48 0.00	32.23 0.53 0.00	36.04 0.78 0.00	33.47 0.78 0.00	34.48 0.80 0.00	34.84 0.56 0.28	33.20 0.10 0.17	33.87 -0.18 0.16	35.70 -0.26 0.23	40.83 -0.20 0.60	38.65 -0.14 0.51	41.35 0.20 0.73	34.90 0.24 0.39	29.89 0.19 0.00
V_CMP_10_SYNC_DSASP 323788	43.31 2.58 0.00	47.43 3.17 0.00	38.95 2.58 0.00	46.70 3.05 0.00	47.16 2.92 0.00	45.59 2.52 0.00	55.76 2.15 0.00	46.97 1.38 0.00	75.52 3.15 0.00	37.14 1.18 0.00	32.15 1.50 0.00	33.30 1.60 0.00	37.22 1.96 0.00	34.62 1.94 0.00	35.80 2.12 0.00	36.18 1.93 0.31	34.53 1.46 0.19	35.15 1.12 0.18	37.26 1.32 0.26	42.23 1.27 0.67	39.92 1.19 0.56	42.77 1.69 0.80	36.03 1.42 0.43	31.30 1.60 0.00
V_D_10_SYNC_DSASP 323841	41.56 0.83 0.00	45.44 1.19 0.00	37.33 0.96 0.00	44.81 1.16 0.00	45.37 1.13 0.00	43.82 0.75 0.00	53.83 0.22 0.00	45.60 0.01 0.00	73.02 0.65 0.00	36.49 0.54 0.00	31.29 0.64 0.00	32.39 0.69 0.00	36.31 1.06 0.00	33.75 1.07 0.00	34.78 1.10 0.00	34.96 0.76 0.37	33.31 0.27 0.23	34.01 0.01 0.21	35.82 -0.07 0.30	40.85 0.01 0.79	38.68 0.05 0.66	41.34 0.40 0.94	34.95 0.41 0.50	30.07 0.36 0.00
V_E_10_SYNC_DSASP 323830	43.69 2.97 0.02	47.65 3.40 0.00	39.01 2.64 0.00	47.06 3.42 0.00	47.90 3.66 0.00	47.19 4.12 0.00	60.54 5.82 -1.11	50.80 5.20 0.00	79.59 7.23 0.00	38.88 2.98 0.05	32.83 2.18 0.00	33.78 2.08 0.00	37.47 2.21 0.00	34.86 2.17 0.00	35.93 2.24 0.00	33.95 2.53 3.14	34.27 2.93 1.93	35.82 3.43 1.83	37.31 3.70 2.58	39.11 4.18 6.71	37.53 3.85 5.61	37.55 3.71 8.03	33.65 2.90 4.28	32.05 2.34 0.00
V_F_30_NSYNC___DSASP 323816	42.15 1.42 0.00	45.67 1.42 0.00	37.54 1.17 0.00	45.04 1.40 0.00	45.75 1.51 0.00	44.78 1.71 0.00	56.29 2.69 0.00	47.96 2.37 0.00	75.61 3.24 0.00	37.17 1.21 0.00	31.46 0.81 0.00	32.46 0.76 0.00	36.11 0.85 0.00	33.47 0.79 0.00	34.67 0.99 0.00	35.54 1.36 0.38	34.71 1.68 0.24	35.86 1.86 0.22	37.90 2.02 0.31	43.02 2.20 0.82	40.60 2.00 0.68	42.71 1.81 0.98	35.88 1.36 0.52	30.92 1.22 0.00
V_F_30_SYNC_DSASP 323786	41.46 0.73 0.00	44.84 0.58 0.00	36.90 0.53 0.00	44.20 0.55 0.00	44.88 0.64 0.00	43.90 0.83 0.00	55.22 1.61 0.00	46.96 1.36 0.00	74.20 1.83 0.00	36.68 0.73 0.00	31.07 0.41 0.00	32.10 0.39 0.00	35.60 0.34 0.00	33.02 0.34 0.00	34.15 0.47 0.00	34.90 0.73 0.39	34.04 1.02 0.24	35.22 1.23 0.23	37.15 1.28 0.32	42.15 1.36 0.84	39.84 1.25 0.70	41.90 1.02 1.00	35.24 0.73 0.53	30.42 0.72 0.00
V_XM_10_SYNC_DSASP 323789	43.31 2.58 0.00	47.43 3.17 0.00	38.95 2.58 0.00	46.70 3.05 0.00	47.16 2.92 0.00	45.59 2.52 0.00	55.76 2.15 0.00	46.97 1.38 0.00	75.52 3.15 0.00	37.14 1.18 0.00	32.15 1.50 0.00	33.30 1.60 0.00	37.22 1.96 0.00	34.62 1.94 0.00	35.80 2.12 0.00	36.18 1.93 0.31	34.53 1.46 0.19	35.15 1.12 0.18	37.26 1.32 0.26	42.23 1.27 0.67	39.92 1.19 0.56	42.77 1.69 0.80	36.03 1.42 0.43	31.30 1.60 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.51 1.77 0.00	45.83 1.58 0.00	37.67 1.30 0.00	45.24 1.59 0.00	45.88 1.64 0.00	45.06 1.99 0.00	56.78 3.17 0.00	48.61 3.01 0.00	76.70 4.33 0.00	37.85 1.89 0.00	32.04 1.39 0.00	33.25 1.55 0.00	36.87 1.61 0.00	34.05 1.37 0.00	35.10 1.42 0.00	35.60 1.60 0.56	34.78 1.85 0.34	36.20 2.31 0.32	38.32 2.58 0.46	43.24 2.80 1.19	40.85 2.56 0.99	42.66 2.20 1.43	36.09 1.81 0.76	31.18 1.49 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	42.70 1.97 0.00	46.02 1.76 0.00	37.85 1.48 0.00	45.39 1.74 0.00	45.99 1.76 0.00	45.25 2.18 0.00	57.05 3.45 0.00	48.84 3.24 0.00	78.60 4.90 -1.33	39.97 2.34 -1.67	32.48 1.79 -0.03	33.64 1.93 -0.01	37.27 2.01 0.00	34.39 1.70 0.00	35.44 1.76 0.00	35.94 1.92 0.54	35.06 2.12 0.33	36.43 2.52 0.31	38.51 2.76 0.44	43.53 3.04 1.15	41.06 2.73 0.96	42.78 2.28 1.38	36.22 1.91 0.73	31.25 1.55 0.00
W50THST__13_KV_LOAD 356117	43.01 2.28 0.00	46.35 2.10 0.00	38.12 1.75 0.00	45.71 2.06 0.00	46.32 2.08 0.00	45.60 2.53 0.00	57.51 3.91 0.00	49.28 3.68 0.00	79.34 5.64 -1.33	40.38 2.76 -1.67	32.83 2.15 -0.03	34.03 2.31 -0.01	37.69 2.43 0.00	34.74 2.06 0.00	35.79 2.11 0.00	36.29 2.27 0.54	35.40 2.46 0.33	36.78 2.87 0.31	38.85 3.10 0.44	43.92 3.43 1.15	41.41 3.09 0.96	43.12 2.62 1.38	36.49 2.19 0.73	31.47 1.77 0.00
WADING RIVER_IC_1 23522	46.32 3.48 -2.10	48.64 3.38 -1.00	50.85 2.84 -11.64	46.97 3.33 0.00	47.65 3.42 0.00	46.93 3.86 0.00	58.94 5.34 0.00	50.40 4.81 0.00	79.14 6.72 -0.05	39.07 3.07 -0.06	32.96 2.31 0.00	34.15 2.46 0.00	37.81 2.55 0.00	34.93 2.25 0.00	38.53 2.63 -2.22	37.11 2.97 0.42	36.18 3.24 0.33	40.56 3.87 -2.47	40.04 4.29 0.44	45.88 4.78 0.54	42.69 4.36 0.96	44.49 3.99 1.38	37.61 3.31 0.73	37.47 2.78 -4.99
WADING RIVER_IC_2 23547	46.32 3.48 -2.10	48.64 3.38 -1.00	50.85 2.84 -11.64	46.97 3.33 0.00	47.65 3.42 0.00	46.93 3.86 0.00	58.94 5.34 0.00	50.40 4.81 0.00	79.14 6.72 -0.05	39.07 3.07 -0.06	32.96 2.31 0.00	34.15 2.46 0.00	37.81 2.55 0.00	34.93 2.25 0.00	38.53 2.63 -2.22	37.11 2.97 0.42	36.18 3.24 0.33	40.56 3.87 -2.47	40.04 4.29 0.44	45.88 4.78 0.54	42.69 4.36 0.96	44.49 3.99 1.38	37.61 3.31 0.73	37.47 2.78 -4.99
WADING RIVER_IC_3 23601	46.32 3.48 -2.10	48.64 3.38 -1.00	50.85 2.84 -11.64	46.97 3.33 0.00	47.65 3.42 0.00	46.93 3.86 0.00	58.94 5.34 0.00	50.40 4.81 0.00	79.14 6.72 -0.05	39.07 3.07 -0.06	32.96 2.31 0.00	34.15 2.46 0.00	37.81 2.55 0.00	34.93 2.25 0.00	38.53 2.63 -2.22	37.11 2.97 0.42	36.18 3.24 0.33	40.56 3.87 -2.47	40.04 4.29 0.44	45.88 4.78 0.54	42.69 4.36 0.96	44.49 3.99 1.38	37.61 3.31 0.73	37.47 2.78 -4.99

WALDENNY_12_KV_BK2 80841	37.34 -3.35 0.05	40.97 -3.29 0.00	33.60 -2.77 0.00	40.44 -3.21 0.00	40.81 -3.43 0.00	40.03 -3.04 0.00	47.73 -4.98 0.89	41.87 -3.72 0.00	66.01 -6.35 0.01	32.48 -3.32 0.16	28.07 -2.58 0.00	28.98 -2.72 0.00	32.33 -2.93 0.00	30.07 -2.61 0.00	30.72 -2.96 0.00	26.65 -3.12 4.80	27.80 -2.53 2.94	28.82 -2.61 2.79	29.52 -2.73 3.94	28.08 -3.33 10.23	27.64 -3.09 8.56	26.02 -3.60 12.25	25.71 -2.80 6.53	27.72 -1.98 0.00
WALDEN___HYDRO 24148	42.64 1.91 0.00	46.01 1.75 0.00	37.83 1.46 0.00	45.40 1.76 0.00	46.06 1.82 0.00	45.24 2.17 0.00	57.00 3.39 0.00	48.75 3.15 0.00	76.87 4.50 0.00	37.79 1.84 0.00	31.96 1.31 0.00	33.11 1.41 0.00	36.68 1.42 0.00	33.93 1.25 0.00	34.91 1.23 0.00	35.55 1.54 0.55	34.78 1.85 0.34	36.29 2.39 0.32	38.78 3.04 0.45	43.44 2.99 1.18	40.99 2.68 0.98	42.85 2.37 1.41	36.20 1.91 0.75	31.27 1.57 0.00
WARRENSBURG___ 23737	41.27 0.54 0.00	44.75 0.49 0.00	36.82 0.45 0.00	44.14 0.49 0.00	44.90 0.67 0.00	44.07 1.00 0.00	55.50 1.89 0.00	47.33 1.74 0.00	74.44 2.08 0.00	36.50 0.55 0.00	30.86 0.21 0.00	31.83 0.13 0.00	35.36 0.10 0.00	32.82 0.13 0.00	34.09 0.41 0.00	35.00 0.82 0.38	34.26 1.23 0.24	35.35 1.36 0.22	37.37 1.49 0.31	42.37 1.56 0.82	39.88 1.27 0.68	41.92 1.02 0.98	35.17 0.66 0.52	30.33 0.63 0.00
WATERSIDE___6 8 9 23538	42.79 2.05 0.00	46.11 1.85 0.00	37.94 1.57 0.00	45.47 1.82 0.00	46.07 1.84 0.00	45.35 2.28 0.00	57.13 3.52 0.00	48.93 3.33 0.00	79.26 5.05 -1.84	40.69 2.43 -2.31	32.54 1.84 -0.04	33.70 1.99 -0.01	37.31 2.05 0.00	34.37 1.69 0.00	35.44 1.76 0.00	35.92 1.90 0.54	35.06 2.12 0.33	36.43 2.52 0.31	38.51 2.76 0.44	43.57 3.09 1.15	41.09 2.76 0.96	42.79 2.29 1.38	36.22 1.91 0.73	31.24 1.54 0.00
WATKINRD_115KV_LN8_ILLION 55919	41.04 0.30 0.00	44.44 0.19 0.00	36.54 0.17 0.00	43.84 0.20 0.00	44.52 0.28 0.00	43.55 0.48 0.00	54.70 1.10 0.00	46.62 1.03 0.00	73.56 1.19 0.00	36.32 0.37 0.00	30.71 0.06 0.00	31.71 0.01 0.00	35.22 -0.04 0.00	32.67 -0.02 0.00	33.77 0.10 0.00	34.36 0.27 0.47	33.55 0.57 0.29	34.71 0.77 0.27	36.66 0.85 0.39	41.56 0.92 1.00	39.33 0.87 0.84	41.35 0.67 1.20	34.84 0.44 0.64	30.07 0.37 0.00
WATSON___69_KV_BK 1 55734	46.41 3.58 -2.10	48.73 3.48 -1.00	50.92 2.91 -11.64	47.07 3.42 0.00	47.70 3.46 0.00	46.93 3.86 0.00	58.97 5.37 0.00	50.48 4.88 0.00	79.44 7.03 -0.05	39.28 3.27 -0.06	33.14 2.49 0.00	34.35 2.65 0.00	38.04 2.78 0.00	35.16 2.48 0.00	38.75 2.85 -2.22	37.25 3.10 0.42	36.33 3.39 0.33	40.69 4.00 -2.47	40.17 4.42 0.44	46.04 4.94 0.54	42.81 4.48 0.96	44.57 4.07 1.38	37.66 3.35 0.73	37.52 2.82 -4.99
WDELAWARE___HYD 323627	41.88 1.15 0.00	45.18 0.92 0.00	37.15 0.78 0.00	44.62 0.97 0.00	45.24 1.01 0.00	44.48 1.41 0.00	56.07 2.46 0.00	47.98 2.38 0.00	75.65 3.28 0.00	37.15 1.20 0.00	31.36 0.70 0.00	32.30 0.60 0.00	34.95 -0.31 0.00	32.32 -0.37 0.00	33.31 -0.37 0.00	33.83 -0.14 0.59	33.18 0.28 0.36	34.68 0.80 0.34	36.74 1.03 0.48	41.63 1.25 1.26	40.19 1.95 1.05	41.97 1.60 1.51	35.48 1.24 0.80	30.70 1.00 0.00
WEST BABYLON___IC 23714	46.18 3.35 -2.10	48.52 3.26 -1.00	50.73 2.72 -11.64	46.84 3.20 0.00	47.45 3.22 0.00	46.69 3.62 0.00	58.63 5.02 0.00	50.18 4.58 0.00	79.01 6.59 -0.05	39.10 3.09 -0.06	33.01 2.35 0.00	34.22 2.52 0.00	37.90 2.64 0.00	35.03 2.34 0.00	38.59 2.68 -2.22	37.04 2.90 0.42	36.11 3.17 0.33	40.44 3.75 -2.47	39.90 4.15 0.44	45.72 4.62 0.54	42.52 4.19 0.96	44.28 3.78 1.38	37.43 3.13 0.73	37.33 2.63 -4.99
WEST CANADA___HYD 24049	40.88 0.14 0.00	44.34 0.09 0.00	36.44 0.07 0.00	43.73 0.08 0.00	44.34 0.10 0.00	43.27 0.20 0.00	54.06 0.45 0.00	46.01 0.41 0.00	72.87 0.51 0.00	36.13 0.18 0.00	30.73 0.08 0.00	31.77 0.07 0.00	35.29 0.04 0.00	32.72 0.03 0.00	33.75 0.07 0.00	34.22 0.13 0.47	33.22 0.24 0.29	34.27 0.32 0.27	36.17 0.36 0.39	41.01 0.38 1.00	38.80 0.35 0.84	40.94 0.25 1.20	34.58 0.18 0.64	29.86 0.16 0.00
WESTERN_NY_WIND 24143	37.97 -2.72 0.05	41.59 -2.66 0.00	34.14 -2.24 0.00	41.06 -2.59 0.00	41.49 -2.74 0.00	40.77 -2.31 0.00	48.40 -3.94 1.27	42.83 -2.77 0.00	67.52 -4.84 0.01	33.14 -2.66 0.16	28.51 -2.14 0.00	29.26 -2.44 0.00	32.63 -2.63 0.00	30.28 -2.40 0.00	31.17 -2.51 0.00	27.04 -2.60 4.92	28.15 -2.10 3.02	29.33 -2.02 2.86	30.12 -2.04 4.04	28.63 -2.51 10.49	28.17 -2.34 8.78	26.46 -2.85 12.57	26.10 -2.24 6.70	28.12 -1.58 0.00
WESTOVER___LESR 323668	40.33 -0.39 0.02	43.85 -0.40 0.00	36.00 -0.37 0.00	43.29 -0.36 0.00	43.84 -0.39 0.00	42.93 -0.14 0.00	54.68 0.11 -0.97	45.88 0.28 0.00	72.24 -0.12 0.00	35.65 -0.24 0.06	30.36 -0.29 0.00	31.37 -0.33 0.00	34.84 -0.41 0.00	32.31 -0.37 0.00	33.16 -0.52 0.00	30.84 -0.50 3.22	31.16 -0.13 1.98	32.36 0.01 1.88	33.55 0.01 2.65	34.75 -0.01 6.87	33.52 -0.01 5.75	33.40 -0.24 8.23	30.38 -0.27 4.39	29.50 -0.20 0.00
WETHRSFD_WT_PWR 323626	37.01 -3.67 0.05	40.59 -3.67 0.00	33.37 -3.00 0.00	40.08 -3.57 0.00	40.36 -3.87 0.00	39.66 -3.41 0.00	47.14 -5.52 0.94	41.43 -4.16 0.00	65.37 -6.99 0.01	32.11 -3.69 0.16	27.79 -2.86 0.00	28.70 -2.99 0.00	32.05 -3.21 0.00	29.77 -2.92 0.00	30.49 -3.19 0.00	26.44 -3.31 4.82	27.52 -2.80 2.96	28.53 -2.89 2.80	29.18 -3.05 3.96	27.68 -3.68 10.28	27.34 -3.34 8.60	25.64 -3.92 12.31	25.39 -3.09 6.56	27.39 -2.31 0.00
WHAVSTOR_138KV_BK127 55557	42.35 1.62 0.00	45.67 1.41 0.00	37.54 1.17 0.00	45.09 1.44 0.00	45.71 1.47 0.00	44.89 1.82 0.00	56.56 2.95 0.00	48.41 2.81 0.00	76.40 4.03 0.00	37.70 1.74 0.00	31.92 1.27 0.00	33.13 1.43 0.00	36.73 1.47 0.00	33.93 1.24 0.00	34.96 1.29 0.00	35.46 1.45 0.56	34.62 1.70 0.34	36.06 2.16 0.32	38.14 2.41 0.46	43.06 2.61 1.19	40.66 2.37 0.99	42.47 2.02 1.43	35.95 1.67 0.76	31.07 1.37 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.35 1.62 0.00	45.67 1.41 0.00	37.54 1.17 0.00	45.09 1.44 0.00	45.71 1.47 0.00	44.89 1.82 0.00	56.56 2.95 0.00	48.41 2.81 0.00	76.40 4.03 0.00	37.70 1.74 0.00	31.92 1.27 0.00	33.13 1.43 0.00	36.73 1.47 0.00	33.93 1.24 0.00	34.96 1.29 0.00	35.46 1.45 0.56	34.62 1.70 0.34	36.06 2.16 0.32	38.14 2.41 0.46	43.06 2.61 1.19	40.66 2.37 0.99	42.47 2.02 1.43	35.95 1.67 0.76	31.07 1.37 0.00
WHITEHAL_115KV_TB1 80871	41.90 1.17 0.00	45.61 1.36 0.00	37.66 1.28 0.00	45.06 1.41 0.00	45.93 1.70 0.00	45.44 2.37 0.00	57.19 3.58 0.00	48.90 3.30 0.00	76.51 4.15 0.00	37.19 1.24 0.00	31.45 0.80 0.00	32.44 0.74 0.00	35.84 0.58 0.00	33.41 0.73 0.00	35.24 1.56 0.00	36.18 2.00 0.38	35.62 2.59 0.24	36.40 2.40 0.22	38.46 2.57 0.31	43.58 2.76 0.82	40.67 2.06 0.68	42.82 1.92 0.98	35.84 1.32 0.52	31.15 1.45 0.00

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