

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/24/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	29.84	33.99	26.00	26.08	26.94	34.50	109.03	46.42	48.37	40.45	33.17	29.69	27.56	29.07	31.02	33.98	40.09	42.72	41.31	40.20	40.29	36.06	30.72	26.79
24138	1.72	1.68	1.28	1.25	1.19	1.48	4.99	2.38	2.48	2.34	2.01	1.76	1.68	1.87	2.13	2.26	2.56	2.48	2.23	2.00	2.00	1.71	1.39	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.98	34.13	26.08	26.17	27.02	34.57	109.21	46.41	48.34	40.41	33.11	29.67	27.54	29.04	30.98	33.93	40.04	42.68	41.34	40.25	40.34	36.11	30.74	26.82
24260	1.87	1.83	1.36	1.34	1.27	1.55	5.17	2.37	2.46	2.30	1.96	1.74	1.65	1.84	2.09	2.21	2.52	2.44	2.26	2.05	2.05	1.76	1.42	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.98	34.13	26.08	26.17	27.02	34.57	109.21	46.41	48.34	40.41	33.11	29.67	27.54	29.04	30.98	33.93	40.04	42.68	41.34	40.25	40.34	36.11	30.74	26.82
24261	1.87	1.83	1.36	1.34	1.27	1.55	5.17	2.37	2.46	2.30	1.96	1.74	1.65	1.84	2.09	2.21	2.52	2.44	2.26	2.05	2.05	1.76	1.42	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.68	33.90	25.97	26.05	27.08	34.78	109.54	46.69	48.55	39.96	32.60	29.11	26.83	28.21	30.10	32.85	38.93	41.97	40.68	39.90	40.10	35.64	30.46	26.56
24011	1.56	1.59	1.25	1.22	1.33	1.76	5.50	2.65	2.67	1.84	1.44	1.18	0.95	1.02	1.20	1.13	1.41	1.73	1.60	1.70	1.79	1.28	1.14	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.82	34.04	26.10	26.19	27.24	35.01	110.09	47.03	48.90	40.08	32.66	29.17	26.89	28.32	30.23	32.99	39.03	42.10	40.82	40.09	40.34	35.82	30.59	26.68
23798	1.70	1.74	1.37	1.36	1.49	1.99	6.05	2.99	3.02	1.97	1.50	1.25	1.01	1.13	1.33	1.27	1.51	1.86	1.73	1.88	2.04	1.46	1.27	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.68	33.90	25.97	26.05	27.08	34.78	109.54	46.69	48.55	39.96	32.60	29.11	26.83	28.21	30.10	32.85	38.93	41.97	40.68	39.90	40.10	35.64	30.46	26.56
24028	1.56	1.59	1.25	1.22	1.33	1.76	5.50	2.65	2.67	1.84	1.44	1.18	0.95	1.02	1.20	1.13	1.41	1.73	1.60	1.70	1.79	1.28	1.14	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.86	34.03	26.06	26.12	27.17	34.68	108.34	46.13	48.47	40.00	32.45	28.90	26.70	28.17	30.20	33.14	38.83	41.67	40.38	39.63	40.20	35.74	30.48	26.60
23527	1.75	1.73	1.34	1.29	1.42	1.66	4.30	2.09	2.59	1.88	1.29	0.97	0.81	0.97	1.31	1.42	1.30	1.43	1.29	1.43	1.90	1.39	1.16	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	28.58	32.62	24.96	25.03	25.98	33.29	105.00	44.52	46.41	38.50	31.47	28.10	26.00	27.38	29.24	32.05	37.93	40.69	39.46	38.62	38.76	34.50	29.38	25.62
24190	0.47	0.32	0.24	0.20	0.23	0.27	0.96	0.48	0.52	0.39	0.31	0.18	0.12	0.18	0.35	0.34	0.41	0.45	0.37	0.42	0.45	0.14	0.06	0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	28.49	32.95	25.26	25.34	26.31	33.73	96.64	-18.06	15.47	38.84	31.81	28.61	26.52	27.90	29.61	32.48	38.30	40.93	39.68	38.82	38.98	35.00	29.93	26.20
355683	0.37	0.65	0.53	0.51	0.55	0.71	2.20	0.79	1.02	0.73	0.65	0.69	0.64	0.70	0.72	0.76	0.78	0.69	0.60	0.61	0.68	0.65	0.61	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	9.60	62.89	31.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.20	33.36	25.54	25.62	26.60	34.11	107.62	45.62	47.41	39.25	31.99	28.51	26.29	27.66	29.58	32.32	38.53	41.58	40.38	39.55	39.69	35.30	30.05	26.22
323833	1.08	1.06	0.82	0.79	0.84	1.09	3.58	1.58	1.53	1.14	0.83	0.58	0.41	0.46	0.69	0.60	1.01	1.34	1.30	1.34	1.39	0.94	0.73	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	29.19	33.36	25.53	25.62	26.59	34.11	107.62	45.60	47.40	39.24	31.98	28.50	26.29	27.66	29.58	32.32	38.53	41.57	40.37	39.53	39.68	35.29	30.04	26.22
323834	1.07	1.05	0.81	0.79	0.83	1.09	3.57	1.56	1.51	1.13	0.82	0.57	0.40	0.46	0.68	0.60	1.00	1.34	1.28	1.32	1.38	0.94	0.71	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.58	32.62	24.96	25.03	25.98	33.29	105.00	44.52	46.41	38.50	31.47	28.10	26.00	27.38	29.24	32.05	37.93	40.69	39.46	38.62	38.76	34.50	29.38	25.62
23571	0.47	0.32	0.24	0.20	0.23	0.27	0.96	0.48	0.52	0.39	0.31	0.18	0.12	0.18	0.35	0.34	0.41	0.45	0.37	0.42	0.45	0.14	0.06	0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	28.58 0.47 0.00	32.62 0.32 0.00	24.96 0.24 0.00	25.03 0.20 0.00	25.98 0.23 0.00	33.29 0.27 0.00	105.00 0.96 0.00	44.52 0.48 0.00	46.41 0.52 0.00	38.50 0.39 0.00	31.47 0.31 0.00	28.10 0.18 0.00	26.00 0.12 0.00	27.38 0.18 0.00	29.24 0.35 0.00	32.05 0.34 0.00	37.93 0.41 0.00	40.69 0.45 0.00	39.46 0.37 0.00	38.62 0.42 0.00	38.76 0.45 0.00	34.50 0.14 0.00	29.38 0.06 0.00	25.62 0.01 0.00
ALBANY___3 23573	28.58 0.47 0.00	32.62 0.32 0.00	24.96 0.24 0.00	25.03 0.20 0.00	25.98 0.23 0.00	33.29 0.27 0.00	105.00 0.96 0.00	44.52 0.48 0.00	46.41 0.52 0.00	38.50 0.39 0.00	31.47 0.31 0.00	28.10 0.18 0.00	26.00 0.12 0.00	27.38 0.18 0.00	29.24 0.35 0.00	32.05 0.34 0.00	37.93 0.41 0.00	40.69 0.45 0.00	39.46 0.37 0.00	38.62 0.42 0.00	38.76 0.45 0.00	34.50 0.14 0.00	29.38 0.06 0.00	25.62 0.01 0.00
ALBANY___4 23574	28.58 0.47 0.00	32.62 0.32 0.00	24.96 0.24 0.00	25.03 0.20 0.00	25.98 0.23 0.00	33.29 0.27 0.00	105.00 0.96 0.00	44.52 0.48 0.00	46.41 0.52 0.00	38.50 0.39 0.00	31.47 0.31 0.00	28.10 0.18 0.00	26.00 0.12 0.00	27.38 0.18 0.00	29.24 0.35 0.00	32.05 0.34 0.00	37.93 0.41 0.00	40.69 0.45 0.00	39.46 0.37 0.00	38.62 0.42 0.00	38.76 0.45 0.00	34.50 0.14 0.00	29.38 0.06 0.00	25.62 0.01 0.00
ALBANY___LFGE 323615	28.86 0.75 0.00	32.95 0.64 0.00	25.21 0.49 0.00	25.28 0.46 0.00	26.25 0.49 0.00	33.64 0.62 0.00	106.15 2.11 0.00	45.02 0.98 0.00	46.92 1.03 0.00	38.93 0.82 0.00	31.82 0.66 0.00	28.42 0.49 0.00	26.30 0.41 0.00	27.68 0.48 0.00	29.55 0.65 0.00	32.41 0.69 0.00	38.37 0.84 0.00	41.18 0.94 0.00	39.91 0.82 0.00	39.07 0.86 0.00	39.19 0.89 0.00	34.88 0.52 0.00	29.70 0.38 0.00	25.89 0.27 0.00
ALCOA_PA_115KV_PL-6C 55860	28.64 0.52 0.00	33.15 0.85 0.00	25.41 0.68 0.00	25.49 0.66 0.00	26.47 0.72 0.00	33.94 0.92 0.00	187.05 2.92 -80.09	570.68 1.04 -525.61	309.74 1.17 -262.68	39.01 0.90 0.00	31.95 0.79 0.00	28.76 0.83 0.00	26.68 0.79 0.00	28.05 0.85 0.00	29.78 0.88 0.00	32.68 0.96 0.00	38.53 1.01 0.00	41.21 0.97 0.00	39.97 0.89 0.00	39.10 0.89 0.00	39.25 0.94 0.00	35.24 0.89 0.00	30.13 0.81 0.00	26.38 0.76 0.00
ALCOA_RYNLDS___DRP 24188	28.64 0.52 0.00	33.15 0.85 0.00	25.41 0.68 0.00	25.49 0.66 0.00	26.47 0.72 0.00	33.94 0.92 0.00	187.05 2.92 -80.09	570.68 1.04 -525.61	309.74 1.17 -262.68	39.01 0.90 0.00	31.95 0.79 0.00	28.76 0.83 0.00	26.68 0.79 0.00	28.05 0.85 0.00	29.78 0.88 0.00	32.68 0.96 0.00	38.53 1.01 0.00	41.21 0.97 0.00	39.97 0.89 0.00	39.10 0.89 0.00	39.25 0.94 0.00	35.24 0.89 0.00	30.13 0.81 0.00	26.38 0.76 0.00
ALCOA___DSASP 323711	28.63 0.52 0.00	33.15 0.85 0.00	25.41 0.68 0.00	25.49 0.66 0.00	26.47 0.72 0.00	33.94 0.92 0.00	187.05 2.91 -80.09	570.68 1.04 -525.61	309.74 1.17 -262.68	39.01 0.89 0.00	31.95 0.79 0.00	28.75 0.83 0.00	26.68 0.79 0.00	28.05 0.85 0.00	29.78 0.88 0.00	32.68 0.96 0.00	38.53 1.01 0.00	41.21 0.97 0.00	39.97 0.89 0.00	39.10 0.89 0.00	39.25 0.94 0.00	35.24 0.89 0.00	30.13 0.80 0.00	26.38 0.76 0.00
ALLEGHENY___COGEN 23514	28.01 -0.11 0.00	32.50 0.20 0.00	24.83 0.10 0.00	24.96 0.13 0.00	25.85 0.09 0.00	33.35 0.33 0.00	105.74 1.70 0.00	45.52 1.48 0.00	47.16 1.27 0.00	38.71 0.59 0.00	31.02 -0.14 0.00	27.86 -0.06 0.00	26.03 0.14 0.00	27.24 0.04 0.00	28.58 -0.31 0.00	31.32 -0.39 0.00	36.99 -0.54 0.00	39.96 -0.28 0.00	39.81 0.72 0.00	39.07 0.86 0.00	39.39 1.08 0.00	35.37 1.01 0.00	29.81 0.49 0.00	26.09 0.48 0.00
ALTAMONT_115KV_TB 2 55880	28.91 0.79 0.00	33.02 0.72 0.00	25.27 0.55 0.00	25.35 0.52 0.00	26.30 0.55 0.00	33.70 0.68 0.00	106.28 2.24 0.00	45.05 1.01 0.00	46.92 1.03 0.00	38.95 0.84 0.00	31.84 0.68 0.00	28.45 0.52 0.00	26.33 0.45 0.00	27.73 0.53 0.00	29.58 0.68 0.00	32.42 0.70 0.00	38.35 0.83 0.00	41.15 0.91 0.00	39.92 0.83 0.00	39.07 0.86 0.00	39.20 0.90 0.00	34.93 0.57 0.00	29.76 0.43 0.00	25.95 0.34 0.00
ALTONA_WT_PWR 323606	28.69 0.58 0.00	33.29 0.99 0.00	25.57 0.85 0.00	25.54 0.71 0.00	26.69 0.94 0.00	34.29 1.27 0.00	109.32 3.99 -1.29	255.72 2.10 -209.58	157.70 2.37 -109.45	39.37 1.26 0.00	32.56 1.40 0.00	29.29 1.36 0.00	26.90 1.02 0.00	28.32 1.12 0.00	30.05 1.16 0.00	32.90 1.19 0.00	38.80 1.28 0.00	41.45 1.21 0.00	39.92 0.84 0.00	38.85 0.64 0.00	39.37 1.07 0.00	35.37 1.02 0.00	30.40 1.08 0.00	26.77 1.16 0.00
AMERICAN_REF_FUEL 24010	26.03 -2.08 0.00	30.50 -1.80 0.00	23.30 -1.42 0.00	23.53 -1.30 0.00	24.34 -1.41 0.00	31.32 -1.70 0.00	97.78 -6.26 0.00	41.84 -2.19 0.00	43.57 -2.32 0.00	36.30 -1.81 0.00	29.78 -1.38 0.00	26.79 -1.14 0.00	25.05 -0.83 0.00	26.19 -1.01 0.00	27.57 -1.32 0.00	30.29 -1.43 0.00	35.28 -2.25 0.00	37.51 -2.72 0.00	36.62 -2.47 0.00	35.85 -2.37 0.00	35.70 -2.60 0.00	32.25 -2.11 0.00	27.21 -2.11 0.00	24.11 -1.51 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.04 -1.07 0.00	31.69 -0.62 0.00	24.30 -0.42 0.00	24.56 -0.27 0.00	25.45 -0.30 0.00	32.87 -0.15 0.00	103.24 -0.80 0.00	44.41 0.37 0.00	46.05 0.16 0.00	38.42 0.30 0.00	31.42 0.26 0.00	28.36 0.44 0.00	26.52 0.63 0.00	27.70 0.50 0.00	29.08 0.19 0.00	31.91 0.19 0.00	37.22 -0.31 0.00	39.80 -0.44 0.00	38.96 -0.12 0.00	38.21 0.00 0.00	38.13 -0.18 0.00	34.33 -0.03 0.00	28.91 -0.41 0.00	25.44 -0.18 0.00
ARTHUR KILL_GT_1 23520	29.88 1.76 0.00	34.04 1.73 0.00	26.06 1.34 0.00	26.12 1.29 0.00	26.96 1.21 0.00	34.49 1.47 0.00	108.14 4.10 0.00	45.79 1.76 0.00	47.73 1.84 0.00	40.16 2.05 0.00	32.96 1.80 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.81 1.61 0.00	30.73 1.84 0.00	33.66 1.94 0.00	39.69 2.16 0.00	42.21 1.98 0.00	40.96 1.87 0.00	40.01 1.81 0.00	40.22 1.92 0.00	36.10 1.74 0.00	30.68 1.36 0.00	26.77 1.16 0.00
ARTHUR_KILL_2 23512	29.80 1.69 0.00	33.95 1.65 0.00	25.99 1.27 0.00	26.05 1.23 0.00	26.90 1.15 0.00	34.40 1.38 0.00	107.84 3.80 0.00	45.66 1.62 0.00	47.59 1.70 0.00	40.06 1.95 0.00	32.87 1.71 0.00	29.41 1.49 0.00	27.24 1.36 0.00	28.74 1.54 0.00	30.67 1.78 0.00	33.58 1.86 0.00	39.58 2.05 0.00	42.10 1.86 0.00	40.84 1.75 0.00	39.89 1.69 0.00	40.11 1.80 0.00	36.00 1.64 0.00	30.61 1.28 0.00	26.71 1.10 0.00
ARTHUR_KILL_3 23513	29.60 1.49 0.00	33.74 1.44 0.00	25.82 1.10 0.00	25.91 1.08 0.00	26.75 1.00 0.00	34.22 1.20 0.00	107.99 3.95 0.00	45.84 1.80 0.00	47.69 1.80 0.00	39.86 1.74 0.00	32.69 1.53 0.00	29.27 1.34 0.00	27.16 1.28 0.00	28.66 1.46 0.00	30.58 1.68 0.00	33.49 1.77 0.00	39.52 1.99 0.00	42.12 1.88 0.00	40.77 1.68 0.00	39.70 1.49 0.00	39.82 1.51 0.00	35.69 1.33 0.00	30.41 1.09 0.00	26.54 0.93 0.00

ARTHUR_KILL_COGEN 323718	29.88 1.76 0.00	34.04 1.73 0.00	26.06 1.34 0.00	26.12 1.29 0.00	26.96 1.21 0.00	34.49 1.47 0.00	108.14 4.10 0.00	45.79 1.76 0.00	47.73 1.84 0.00	40.16 2.05 0.00	32.96 1.80 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.81 1.61 0.00	30.73 1.84 0.00	33.66 1.94 0.00	39.69 2.16 0.00	42.21 1.98 0.00	40.96 1.87 0.00	40.01 1.81 0.00	40.22 1.92 0.00	36.10 1.74 0.00	30.68 1.36 0.00	26.77 1.16 0.00
ASHOKAN____ 23654	29.32 1.21 0.00	33.46 1.16 0.00	25.58 0.86 0.00	25.66 0.83 0.00	26.63 0.88 0.00	34.20 1.18 0.00	108.18 4.13 0.00	46.04 2.00 0.00	47.98 2.10 0.00	39.52 1.41 0.00	32.23 1.07 0.00	28.59 0.66 0.00	26.37 0.49 0.00	27.74 0.54 0.00	29.61 0.71 0.00	32.51 0.79 0.00	38.77 1.25 0.00	42.01 1.77 0.00	41.00 1.91 0.00	40.17 1.97 0.00	40.23 1.93 0.00	35.78 1.42 0.00	30.38 1.06 0.00	26.44 0.82 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.66 1.54 0.00	33.82 1.51 0.00	25.97 1.25 0.00	25.94 1.11 0.00	26.72 0.97 0.00	34.31 1.30 0.00	108.36 4.32 0.00	46.47 2.04 -0.40	48.61 2.11 -0.61	40.11 2.00 0.00	32.84 1.68 0.00	29.46 1.53 0.00	27.29 1.40 0.00	28.81 1.61 0.00	30.70 1.80 0.00	33.59 1.87 0.00	39.66 2.13 0.00	42.22 1.98 0.00	41.24 1.73 -0.43	39.81 1.61 0.00	39.94 1.64 0.00	35.79 1.43 0.00	30.44 1.12 0.00	26.59 0.97 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.66 1.54 0.00	33.82 1.51 0.00	25.96 1.24 0.00	25.94 1.11 0.00	26.72 0.97 0.00	34.31 1.30 0.00	108.36 4.32 0.00	46.47 2.04 -0.40	48.61 2.11 -0.61	40.11 2.00 0.00	32.84 1.68 0.00	29.46 1.53 0.00	27.29 1.40 0.00	28.81 1.61 0.00	30.70 1.80 0.00	33.59 1.87 0.00	39.66 2.13 0.00	42.22 1.98 0.00	41.24 1.73 -0.43	39.81 1.61 0.00	39.94 1.64 0.00	35.79 1.43 0.00	30.44 1.12 0.00	26.59 0.97 0.00
ASTORIA_GT2_1 24094	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT2_2 24095	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT2_3 24096	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT2_4 24097	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT3_1 24098	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT3_2 24099	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT3_3 24100	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT3_4 24101	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT4_1 24102	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT4_2 24103	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT4_3 24104	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00

ASTORIA_GT4_4 24105	29.67 1.56 0.00	33.85 1.55 0.00	25.94 1.22 0.00	25.98 1.15 0.00	26.79 1.04 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.64 2.14 -0.61	40.13 2.02 0.00	32.85 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.61 1.89 0.00	39.69 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.45 0.00	30.46 1.14 0.00	26.60 0.98 0.00
ASTORIA_GT_1 23523	29.72 1.61 0.00	33.89 1.58 0.00	26.01 1.29 0.00	25.99 1.16 0.00	26.78 1.03 0.00	34.38 1.36 0.00	108.60 4.56 0.00	46.58 2.14 -0.40	48.72 2.22 -0.61	40.22 2.10 0.00	32.93 1.77 0.00	29.53 1.61 0.00	27.36 1.47 0.00	28.88 1.68 0.00	30.77 1.88 0.00	33.67 1.95 0.00	39.76 2.23 0.00	42.33 2.09 0.00	41.35 1.84 -0.43	39.92 1.71 0.00	40.03 1.73 0.00	35.87 1.51 0.00	30.51 1.19 0.00	26.64 1.03 0.00
ASTORIA_GT_10 24110	29.70 1.58 0.00	33.86 1.55 0.00	25.91 1.19 0.00	25.98 1.15 0.00	26.83 1.08 0.00	34.34 1.33 0.00	108.31 4.27 0.00	45.96 1.93 0.00	47.89 2.00 0.00	40.07 1.96 0.00	32.84 1.68 0.00	29.43 1.50 0.00	27.29 1.41 0.00	28.80 1.60 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.68 2.15 0.00	42.24 2.00 0.00	40.89 1.81 0.00	39.84 1.63 0.00	39.99 1.69 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
ASTORIA_GT_11 24225	29.70 1.58 0.00	33.86 1.55 0.00	25.91 1.19 0.00	25.98 1.15 0.00	26.83 1.08 0.00	34.34 1.33 0.00	108.31 4.27 0.00	45.96 1.93 0.00	47.89 2.00 0.00	40.07 1.96 0.00	32.84 1.68 0.00	29.43 1.50 0.00	27.29 1.41 0.00	28.80 1.60 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.68 2.15 0.00	42.24 2.00 0.00	40.89 1.81 0.00	39.84 1.63 0.00	39.99 1.69 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
ASTORIA_GT_12 24226	29.70 1.58 0.00	33.86 1.55 0.00	25.91 1.19 0.00	25.98 1.15 0.00	26.83 1.08 0.00	34.34 1.33 0.00	108.31 4.27 0.00	45.96 1.93 0.00	47.89 2.00 0.00	40.07 1.96 0.00	32.84 1.68 0.00	29.43 1.50 0.00	27.29 1.41 0.00	28.80 1.60 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.68 2.15 0.00	42.24 2.00 0.00	40.89 1.81 0.00	39.84 1.63 0.00	39.99 1.69 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
ASTORIA_GT_13 24227	29.70 1.58 0.00	33.86 1.55 0.00	25.91 1.19 0.00	25.98 1.15 0.00	26.83 1.08 0.00	34.34 1.33 0.00	108.31 4.27 0.00	45.96 1.93 0.00	47.89 2.00 0.00	40.07 1.96 0.00	32.84 1.68 0.00	29.43 1.50 0.00	27.29 1.41 0.00	28.80 1.60 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.68 2.15 0.00	42.24 2.00 0.00	40.89 1.81 0.00	39.84 1.63 0.00	39.99 1.69 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
ASTORIA_GT_5 24106	29.72 1.61 0.00	33.91 1.60 0.00	25.98 1.26 0.00	26.02 1.19 0.00	26.83 1.08 0.00	34.38 1.36 0.00	108.61 4.57 0.00	46.58 2.14 -0.40	48.73 2.23 -0.61	40.21 2.10 0.00	32.92 1.76 0.00	29.53 1.61 0.00	27.36 1.47 0.00	28.88 1.68 0.00	30.77 1.88 0.00	33.67 1.95 0.00	39.77 2.24 0.00	42.33 2.10 0.00	41.35 1.84 -0.43	39.92 1.71 0.00	40.03 1.73 0.00	35.87 1.51 0.00	30.51 1.19 0.00	26.64 1.02 0.00
ASTORIA_GT_7 24107	29.72 1.61 0.00	33.91 1.60 0.00	25.98 1.26 0.00	26.02 1.19 0.00	26.83 1.08 0.00	34.38 1.36 0.00	108.61 4.57 0.00	46.58 2.14 -0.40	48.73 2.23 -0.61	40.21 2.10 0.00	32.92 1.76 0.00	29.53 1.61 0.00	27.36 1.47 0.00	28.88 1.68 0.00	30.77 1.88 0.00	33.67 1.95 0.00	39.77 2.24 0.00	42.33 2.10 0.00	41.35 1.84 -0.43	39.92 1.71 0.00	40.03 1.73 0.00	35.87 1.51 0.00	30.51 1.19 0.00	26.64 1.02 0.00
ASTORIA_GT_8 24108	29.72 1.61 0.00	33.91 1.60 0.00	25.98 1.26 0.00	26.02 1.19 0.00	26.83 1.08 0.00	34.38 1.36 0.00	108.61 4.57 0.00	46.58 2.14 -0.40	48.73 2.23 -0.61	40.21 2.10 0.00	32.92 1.76 0.00	29.53 1.61 0.00	27.36 1.47 0.00	28.88 1.68 0.00	30.77 1.88 0.00	33.67 1.95 0.00	39.77 2.24 0.00	42.33 2.10 0.00	41.35 1.84 -0.43	39.92 1.71 0.00	40.03 1.73 0.00	35.87 1.51 0.00	30.51 1.19 0.00	26.64 1.02 0.00
ASTORIA___2 24149	29.67 1.55 0.00	33.84 1.53 0.00	25.97 1.25 0.00	25.95 1.12 0.00	26.74 0.99 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.63 2.13 -0.61	40.13 2.02 0.00	32.86 1.70 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.82 1.62 0.00	30.71 1.82 0.00	33.60 1.89 0.00	39.68 2.16 0.00	42.24 2.00 0.00	41.27 1.76 -0.43	39.84 1.63 0.00	39.95 1.65 0.00	35.81 1.46 0.00	30.46 1.13 0.00	26.60 0.98 0.00
ASTORIA___3 23516	29.70 1.58 0.00	33.85 1.55 0.00	25.92 1.20 0.00	25.98 1.15 0.00	26.82 1.06 0.00	34.34 1.33 0.00	108.31 4.27 0.00	45.96 1.92 0.00	47.89 2.00 0.00	40.07 1.96 0.00	32.84 1.69 0.00	29.42 1.50 0.00	27.29 1.41 0.00	28.79 1.59 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.67 2.15 0.00	42.24 2.00 0.00	40.89 1.80 0.00	39.84 1.63 0.00	39.99 1.69 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
ASTORIA___4 23517	29.70 1.58 0.00	33.86 1.55 0.00	25.91 1.19 0.00	25.98 1.15 0.00	26.83 1.08 0.00	34.34 1.33 0.00	108.31 4.27 0.00	45.96 1.93 0.00	47.89 2.00 0.00	40.07 1.96 0.00	32.84 1.68 0.00	29.43 1.50 0.00	27.29 1.41 0.00	28.80 1.60 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.68 2.15 0.00	42.24 2.00 0.00	40.89 1.81 0.00	39.84 1.63 0.00	39.99 1.69 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
ASTORIA___5 23518	29.70 1.58 0.00	33.85 1.55 0.00	25.92 1.20 0.00	25.98 1.15 0.00	26.82 1.06 0.00	34.34 1.33 0.00	108.31 4.27 0.00	45.96 1.92 0.00	47.89 2.00 0.00	40.07 1.96 0.00	32.84 1.69 0.00	29.42 1.50 0.00	27.29 1.41 0.00	28.79 1.59 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.67 2.15 0.00	42.24 2.00 0.00	40.89 1.80 0.00	39.84 1.63 0.00	39.99 1.69 0.00	35.83 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
AST_ENERGY_2_CC3 323677	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.83 1.08 0.00	34.27 1.25 0.00	108.24 4.20 0.00	45.96 1.92 0.00	47.86 1.98 0.00	40.01 1.90 0.00	32.80 1.64 0.00	29.37 1.45 0.00	27.27 1.39 0.00	28.76 1.56 0.00	30.68 1.79 0.00	33.60 1.88 0.00	39.64 2.12 0.00	42.26 2.02 0.00	40.89 1.81 0.00	39.83 1.62 0.00	39.93 1.63 0.00	35.76 1.41 0.00	30.46 1.14 0.00	26.59 0.98 0.00
AST_ENERGY_2_CC4 323678	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.83 1.08 0.00	34.27 1.25 0.00	108.24 4.20 0.00	45.96 1.92 0.00	47.86 1.98 0.00	40.01 1.90 0.00	32.80 1.64 0.00	29.37 1.45 0.00	27.27 1.39 0.00	28.76 1.56 0.00	30.68 1.79 0.00	33.60 1.88 0.00	39.64 2.12 0.00	42.26 2.02 0.00	40.89 1.81 0.00	39.83 1.62 0.00	39.93 1.63 0.00	35.76 1.41 0.00	30.46 1.14 0.00	26.59 0.98 0.00

ATHENS_STG_1 23668	29.00 0.89 0.00	33.11 0.81 0.00	25.33 0.61 0.00	25.41 0.58 0.00	26.33 0.57 0.00	33.72 0.70 0.00	106.36 2.32 0.00	45.06 1.03 0.00	46.96 1.07 0.00	39.09 0.98 0.00	31.98 0.82 0.00	28.60 0.68 0.00	26.52 0.64 0.00	27.93 0.74 0.00	29.80 0.90 0.00	32.66 0.94 0.00	38.57 1.04 0.00	41.27 1.04 0.00	39.99 0.91 0.00	39.09 0.88 0.00	39.21 0.91 0.00	35.01 0.65 0.00	29.83 0.51 0.00	26.03 0.42 0.00
ATHENS_STG_2 23670	29.00 0.89 0.00	33.11 0.81 0.00	25.33 0.61 0.00	25.41 0.58 0.00	26.33 0.57 0.00	33.72 0.70 0.00	106.36 2.32 0.00	45.06 1.03 0.00	46.96 1.07 0.00	39.09 0.98 0.00	31.98 0.82 0.00	28.60 0.68 0.00	26.52 0.64 0.00	27.93 0.74 0.00	29.80 0.90 0.00	32.66 0.94 0.00	38.57 1.04 0.00	41.27 1.04 0.00	39.99 0.91 0.00	39.09 0.88 0.00	39.21 0.91 0.00	35.01 0.65 0.00	29.83 0.51 0.00	26.03 0.42 0.00
ATHENS_STG_3 23677	29.00 0.89 0.00	33.11 0.81 0.00	25.33 0.61 0.00	25.41 0.58 0.00	26.33 0.57 0.00	33.72 0.70 0.00	106.36 2.32 0.00	45.06 1.03 0.00	46.96 1.07 0.00	39.09 0.98 0.00	31.98 0.82 0.00	28.60 0.68 0.00	26.52 0.64 0.00	27.93 0.74 0.00	29.80 0.90 0.00	32.66 0.94 0.00	38.57 1.04 0.00	41.27 1.04 0.00	39.99 0.91 0.00	39.09 0.88 0.00	39.21 0.91 0.00	35.01 0.65 0.00	29.83 0.51 0.00	26.03 0.42 0.00
AUBURN___LFGE 323710	27.85 -0.27 0.00	32.05 -0.26 0.00	24.52 -0.20 0.00	24.65 -0.18 0.00	25.45 -0.30 0.00	32.66 -0.36 0.00	104.74 -0.51 -1.21	52.60 -0.10 -8.66	50.08 -0.27 -4.46	37.90 -0.21 0.00	30.78 -0.38 0.00	27.68 -0.24 0.00	25.65 -0.24 0.00	26.83 -0.37 0.00	28.45 -0.45 0.00	31.40 -0.32 0.00	37.27 -0.25 0.00	40.07 -0.17 0.00	39.13 0.04 0.00	38.24 0.03 0.00	38.09 -0.21 0.00	34.09 -0.27 0.00	29.10 -0.22 0.00	25.46 -0.16 0.00
BABYLON_RES_REC 323704	30.04 1.93 0.00	34.14 1.84 0.00	26.07 1.35 0.00	26.13 1.30 0.00	26.93 1.18 0.00	34.26 1.24 0.00	108.08 4.04 0.00	44.76 1.40 0.67	36.18 1.50 11.21	39.81 1.70 0.00	32.88 1.72 0.00	29.58 1.65 0.00	27.27 1.39 0.00	28.73 1.53 0.00	30.64 1.74 0.00	33.46 1.75 0.00	39.02 1.80 0.30	41.99 1.75 0.00	39.43 1.52 1.17	39.61 1.40 0.00	39.76 1.45 0.00	30.29 1.08 5.15	30.42 1.10 0.00	26.72 1.11 0.00
BABYLON__69_KV_BK2 356345	30.31 2.20 0.00	34.44 2.13 0.00	26.30 1.58 0.00	26.35 1.52 0.00	27.16 1.41 0.00	34.53 1.52 0.00	108.96 4.91 0.00	44.98 1.64 0.69	36.22 1.81 11.48	40.11 1.99 0.00	33.15 1.99 0.00	29.83 1.90 0.00	27.49 1.61 0.00	28.96 1.77 0.00	30.88 1.99 0.00	33.74 2.02 0.00	39.33 2.11 0.30	42.32 2.08 0.00	39.75 1.86 1.20	39.96 1.76 0.00	40.12 1.82 0.00	30.46 1.38 5.28	30.67 1.35 0.00	26.94 1.33 0.00
BALL_HILL_WT_PWR 323825	26.93 -1.19 0.00	31.52 -0.79 0.00	24.10 -0.62 0.00	24.33 -0.50 0.00	25.19 -0.56 0.00	32.47 -0.55 0.00	101.86 -2.18 0.00	43.75 -0.28 0.00	45.46 -0.43 0.00	37.87 -0.25 0.00	30.95 -0.21 0.00	27.89 -0.04 0.00	26.09 0.21 0.00	27.27 0.07 0.00	28.67 -0.22 0.00	31.49 -0.23 0.00	36.73 -0.79 0.00	39.22 -1.02 0.00	38.33 -0.76 0.00	37.56 -0.64 0.00	37.47 -0.83 0.00	33.75 -0.60 0.00	28.46 -0.87 0.00	25.05 -0.56 0.00
BARON_WINDS___WT_PWR 323822	27.15 -0.96 0.00	31.46 -0.84 0.00	24.07 -0.65 0.00	24.17 -0.66 0.00	24.96 -0.80 0.00	32.15 -0.87 0.00	101.57 -2.47 0.00	43.68 -0.36 0.00	45.22 -0.67 0.00	37.78 -0.34 0.00	30.46 -0.70 0.00	27.51 -0.42 0.00	25.88 0.00 0.00	27.03 -0.17 0.00	28.30 -0.59 0.00	31.11 -0.61 0.00	36.61 -0.92 0.00	39.36 -0.88 0.00	38.49 -0.59 0.00	37.76 -0.45 0.00	37.86 -0.44 0.00	34.06 -0.30 0.00	28.82 -0.51 0.00	25.28 -0.34 0.00
BARRETT_IC_1 23704	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	46.79 1.08 -1.67	49.17 1.17 -2.12	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	42.38 1.27 -2.03	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT_IC_10 23701	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	25.51 1.08 19.61	16.28 1.17 30.78	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	15.92 1.27 24.43	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT_IC_11 23702	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	25.51 1.08 19.61	16.28 1.17 30.78	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	15.92 1.27 24.43	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT_IC_12 23703	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	25.51 1.08 19.61	16.28 1.17 30.78	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	15.92 1.27 24.43	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT_IC_2 23705	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	46.79 1.08 -1.67	49.17 1.17 -2.12	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	42.38 1.27 -2.03	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT_IC_3 23706	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	46.79 1.08 -1.67	49.17 1.17 -2.12	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	42.38 1.27 -2.03	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT_IC_4 23707	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	46.79 1.08 -1.67	49.17 1.17 -2.12	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	42.38 1.27 -2.03	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00

BARRETT_IC_5 23708	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	46.79 1.08 -1.67	49.17 1.17 -2.12	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	42.38 1.27 -2.03	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT_IC_6 23709	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	46.79 1.08 -1.67	49.17 1.17 -2.12	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	42.38 1.27 -2.03	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT_IC_7 23710	29.70 1.59 0.00	33.77 1.47 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.04 1.02 0.00	106.99 2.95 0.00	46.81 1.10 -1.67	49.18 1.17 -2.12	39.47 1.36 0.00	32.61 1.45 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.73 0.02	41.79 1.56 0.00	42.40 1.29 -2.03	39.37 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.52 0.90 0.00
BARRETT_IC_8 23711	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	46.79 1.08 -1.67	49.17 1.17 -2.12	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	42.38 1.27 -2.03	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT_IC_9 23700	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	25.51 1.08 19.61	16.28 1.17 30.78	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	15.92 1.27 24.43	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT___1 23545	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	46.79 1.08 -1.67	49.17 1.17 -2.12	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	42.38 1.27 -2.03	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BARRETT___2 23546	29.70 1.58 0.00	33.77 1.46 0.00	25.78 1.05 0.00	25.84 1.02 0.00	26.68 0.92 0.00	34.03 1.01 0.00	106.99 2.95 0.00	25.51 1.08 19.61	16.28 1.17 30.78	39.47 1.36 0.00	32.62 1.46 0.00	29.32 1.39 0.00	27.15 1.27 0.00	28.63 1.43 0.00	30.55 1.65 0.00	33.41 1.69 0.00	39.24 1.72 0.02	41.79 1.56 0.00	15.92 1.27 24.43	39.36 1.16 0.00	39.49 1.19 0.00	35.04 0.94 0.25	30.27 0.95 0.00	26.51 0.90 0.00
BATAVIA__115KV_TB1 55881	27.17 -0.94 0.00	31.70 -0.61 0.00	24.20 -0.52 0.00	24.42 -0.41 0.00	25.29 -0.46 0.00	32.61 -0.42 0.00	102.44 -1.61 0.00	43.99 -0.04 0.00	45.76 -0.13 0.00	37.89 -0.23 0.00	30.87 -0.29 0.00	27.80 -0.12 0.00	25.86 -0.02 0.00	26.97 -0.22 0.00	28.55 -0.34 0.00	31.26 -0.46 0.00	36.58 -0.94 0.00	39.41 -0.83 0.00	38.66 -0.43 0.00	37.85 -0.35 0.00	37.70 -0.60 0.00	33.89 -0.46 0.00	28.58 -0.74 0.00	25.18 -0.43 0.00
BAYONEEC___CTG1 323682	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00
BAYONEEC___CTG10 323750	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00
BAYONEEC___CTG2 323683	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00
BAYONEEC___CTG3 323684	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00
BAYONEEC___CTG4 323685	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00
BAYONEEC___CTG5 323686	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00
BAYONEEC___CTG6 323687	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00

BAYONEEC___CTG7 323688	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00
BAYONEEC___CTG8 323689	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00
BAYONEEC___CTG9 323749	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.33 1.31 0.00	108.38 4.34 0.00	46.02 1.98 0.00	47.91 2.03 0.00	40.06 1.95 0.00	32.84 1.68 0.00	29.41 1.48 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.72 1.83 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	40.96 1.87 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.82 1.47 0.00	30.52 1.20 0.00	26.63 1.02 0.00
BEACON___LESR 323632	28.99 0.87 0.00	33.06 0.76 0.00	25.28 0.56 0.00	25.38 0.55 0.00	26.37 0.61 0.00	33.75 0.74 0.00	106.74 2.70 0.00	45.29 1.25 0.00	47.13 1.24 0.00	39.05 0.94 0.00	31.89 0.74 0.00	28.44 0.51 0.00	26.34 0.46 0.00	27.69 0.49 0.00	29.57 0.68 0.00	32.54 0.82 0.00	38.59 1.06 0.00	41.43 1.19 0.00	40.16 1.07 0.00	39.43 1.22 0.00	39.49 1.19 0.00	35.08 0.72 0.00	29.84 0.52 0.00	26.00 0.39 0.00
BEAVER RIVER___HYD 24048	28.29 0.18 0.00	32.75 0.44 0.00	25.07 0.35 0.00	25.37 0.54 0.00	26.48 0.72 0.00	33.95 0.93 0.00	128.06 3.37 -20.64	192.17 1.60 -146.54	121.17 1.74 -73.55	39.45 1.33 0.00	32.23 1.07 0.00	28.87 0.94 0.00	26.63 0.75 0.00	27.83 0.63 0.00	29.40 0.50 0.00	32.34 0.62 0.00	38.56 1.03 0.00	41.90 1.66 0.00	41.00 1.92 0.00	40.07 1.87 0.00	40.00 1.70 0.00	35.75 1.39 0.00	30.47 1.15 0.00	26.59 0.97 0.00
BEEBEE_GT_13 23619	27.16 -0.96 0.00	31.53 -0.78 0.00	24.07 -0.66 0.00	24.25 -0.58 0.00	25.13 -0.62 0.00	32.33 -0.69 0.00	101.69 -2.35 0.00	43.42 -0.62 0.00	45.19 -0.70 0.00	37.50 -0.61 0.00	30.67 -0.49 0.00	27.52 -0.40 0.00	25.60 -0.29 0.00	26.82 -0.38 0.00	28.33 -0.57 0.00	31.15 -0.57 0.00	36.66 -0.86 0.00	39.34 -0.90 0.00	38.38 -0.71 0.00	37.53 -0.68 0.00	37.45 -0.85 0.00	33.61 -0.75 0.00	28.43 -0.89 0.00	24.93 -0.69 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.96 1.85 0.00	34.14 1.84 0.00	26.12 1.40 0.00	26.19 1.36 0.00	27.04 1.29 0.00	34.61 1.59 0.00	109.12 5.08 0.00	46.33 2.29 0.00	48.24 2.35 0.00	40.39 2.28 0.00	33.12 1.96 0.00	29.66 1.74 0.00	27.51 1.63 0.00	29.03 1.83 0.00	30.96 2.06 0.00	33.91 2.19 0.00	40.02 2.49 0.00	42.60 2.36 0.00	41.28 2.19 0.00	40.26 2.05 0.00	40.40 2.09 0.00	36.20 1.85 0.00	30.78 1.45 0.00	26.84 1.23 0.00
BETHLEHEM___GRP 23843	28.58 0.47 0.00	32.62 0.32 0.00	24.96 0.24 0.00	25.03 0.20 0.00	25.98 0.23 0.00	33.29 0.27 0.00	105.00 0.96 0.00	44.52 0.48 0.00	46.41 0.52 0.00	38.50 0.39 0.00	31.47 0.31 0.00	28.10 0.18 0.00	26.00 0.12 0.00	27.38 0.18 0.00	29.24 0.35 0.00	32.05 0.34 0.00	37.93 0.41 0.00	40.69 0.45 0.00	39.46 0.37 0.00	38.62 0.42 0.00	38.76 0.45 0.00	34.50 0.14 0.00	29.38 0.06 0.00	25.62 0.01 0.00
BETHLEHEM___GS1 323560	28.58 0.47 0.00	32.62 0.32 0.00	24.96 0.24 0.00	25.03 0.20 0.00	25.98 0.23 0.00	33.29 0.27 0.00	105.00 0.96 0.00	44.52 0.48 0.00	46.41 0.52 0.00	38.51 0.39 0.00	31.47 0.31 0.00	28.11 0.18 0.00	26.00 0.12 0.00	27.38 0.18 0.00	29.24 0.35 0.00	32.05 0.34 0.00	37.93 0.41 0.00	40.69 0.46 0.00	39.45 0.37 0.00	38.62 0.41 0.00	38.76 0.45 0.00	34.50 0.14 0.00	29.38 0.06 0.00	25.62 0.01 0.00
BETHLEHEM___GS2 323561	28.58 0.47 0.00	32.62 0.32 0.00	24.96 0.24 0.00	25.03 0.20 0.00	25.98 0.23 0.00	33.29 0.27 0.00	105.00 0.96 0.00	44.52 0.48 0.00	46.41 0.52 0.00	38.51 0.39 0.00	31.47 0.31 0.00	28.11 0.18 0.00	26.00 0.12 0.00	27.38 0.18 0.00	29.24 0.35 0.00	32.05 0.34 0.00	37.93 0.41 0.00	40.69 0.46 0.00	39.45 0.37 0.00	38.62 0.41 0.00	38.76 0.45 0.00	34.50 0.14 0.00	29.38 0.06 0.00	25.62 0.01 0.00
BETHLEHEM___GS3 323562	28.58 0.47 0.00	32.62 0.32 0.00	24.96 0.24 0.00	25.03 0.20 0.00	25.98 0.23 0.00	33.29 0.27 0.00	105.00 0.96 0.00	44.52 0.48 0.00	46.41 0.52 0.00	38.51 0.39 0.00	31.47 0.31 0.00	28.11 0.18 0.00	26.00 0.12 0.00	27.38 0.18 0.00	29.24 0.35 0.00	32.05 0.34 0.00	37.93 0.41 0.00	40.69 0.46 0.00	39.45 0.37 0.00	38.62 0.41 0.00	38.76 0.45 0.00	34.50 0.14 0.00	29.38 0.06 0.00	25.62 0.01 0.00
BETHLEHEM___STEEL 23779	26.89 -1.23 0.00	31.43 -0.87 0.00	24.02 -0.70 0.00	24.24 -0.59 0.00	25.08 -0.67 0.00	32.31 -0.71 0.00	101.30 -2.74 0.00	43.47 -0.57 0.00	45.20 -0.69 0.00	37.66 -0.46 0.00	30.79 -0.37 0.00	27.70 -0.23 0.00	25.93 0.05 0.00	27.10 -0.10 0.00	28.51 -0.38 0.00	31.34 -0.38 0.00	36.54 -0.98 0.00	38.98 -1.25 0.00	38.04 -1.05 0.00	37.27 -0.93 0.00	37.17 -1.14 0.00	33.50 -0.86 0.00	28.25 -1.07 0.00	24.90 -0.72 0.00
BETHLHEM_115KV_TB1 79974	28.65 0.54 0.00	32.70 0.40 0.00	25.03 0.31 0.00	25.09 0.26 0.00	26.05 0.30 0.00	33.37 0.35 0.00	105.27 1.23 0.00	44.62 0.58 0.00	46.51 0.63 0.00	38.61 0.50 0.00	31.56 0.40 0.00	28.19 0.26 0.00	26.08 0.20 0.00	27.46 0.27 0.00	29.32 0.43 0.00	32.14 0.42 0.00	38.04 0.52 0.00	40.80 0.56 0.00	39.55 0.46 0.00	38.71 0.51 0.00	38.84 0.54 0.00	34.60 0.24 0.00	29.46 0.14 0.00	25.69 0.08 0.00
BETHPAGE_CC_5 323564	29.94 1.82 0.00	34.04 1.74 0.00	25.99 1.27 0.00	26.05 1.22 0.00	26.86 1.11 0.00	34.20 1.18 0.00	107.79 3.75 0.00	44.77 1.32 0.59	36.99 1.43 10.33	39.77 1.65 0.00	32.81 1.65 0.00	29.50 1.58 0.00	27.26 1.38 0.00	28.73 1.54 0.00	30.64 1.75 0.00	33.46 1.75 0.00	38.99 1.74 0.28	41.90 1.66 0.00	39.47 1.42 1.04	39.51 1.31 0.00	39.64 1.34 0.00	30.66 1.07 4.76	30.39 1.07 0.00	26.68 1.06 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.99 -1.12 0.00	31.54 -0.76 0.00	24.10 -0.62 0.00	24.33 -0.51 0.00	25.17 -0.58 0.00	32.43 -0.59 0.00	101.72 -2.32 0.00	43.68 -0.36 0.00	45.41 -0.48 0.00	37.83 -0.28 0.00	30.91 -0.25 0.00	27.81 -0.12 0.00	26.04 0.15 0.00	27.21 0.02 0.00	28.62 -0.27 0.00	31.46 -0.26 0.00	36.69 -0.83 0.00	39.14 -1.09 0.00	38.21 -0.88 0.00	37.44 -0.77 0.00	37.34 -0.96 0.00	33.64 -0.71 0.00	28.37 -0.96 0.00	24.99 -0.63 0.00

BINGHAMTON___COGEN 23790	28.31 0.20 0.00	32.55 0.25 0.00	24.90 0.18 0.00	25.04 0.21 0.00	25.92 0.17 0.00	33.33 0.31 0.00	105.04 1.00 0.00	45.00 0.96 0.00	46.66 0.77 0.00	38.79 0.67 0.00	31.44 0.28 0.00	28.23 0.31 0.00	26.43 0.55 0.00	27.73 0.53 0.00	29.27 0.37 0.00	32.05 0.33 0.00	37.51 -0.02 0.00	40.24 0.00 0.00	39.14 0.05 0.00	38.32 0.12 0.00	38.42 0.11 0.00	34.38 0.02 0.00	29.21 -0.11 0.00	25.54 -0.08 0.00
BIXINCNT_115KV_LOAD 355685	27.38 -0.74 0.00	31.97 -0.34 0.00	24.39 -0.33 0.00	24.68 -0.14 0.00	25.54 -0.22 0.00	32.87 -0.15 0.00	103.80 -0.24 0.00	44.73 0.70 0.00	46.38 0.50 0.00	38.60 0.48 0.00	31.49 0.33 0.00	28.31 0.38 0.00	26.48 0.59 0.00	27.68 0.48 0.00	29.02 0.13 0.00	31.93 0.22 0.00	37.32 -0.20 0.00	39.81 -0.43 0.00	38.88 -0.20 0.00	38.13 -0.08 0.00	38.14 -0.17 0.00	34.31 -0.04 0.00	28.95 -0.38 0.00	25.42 -0.19 0.00
BLACK RIVER___HYD 24047	28.11 0.00 0.00	32.54 0.23 0.00	24.96 0.24 0.00	25.28 0.45 0.00	26.40 0.64 0.00	33.86 0.84 0.00	121.72 3.25 -14.43	148.18 1.68 -102.46	99.16 1.78 -51.48	39.43 1.32 0.00	32.17 1.01 0.00	28.78 0.85 0.00	26.47 0.59 0.00	27.61 0.41 0.00	29.21 0.31 0.00	32.15 0.43 0.00	38.33 0.80 0.00	41.86 1.63 0.00	41.14 2.06 0.00	40.22 2.01 0.00	40.13 1.83 0.00	35.81 1.45 0.00	30.47 1.15 0.00	26.54 0.93 0.00
BLACKRVR_115KV_TB2 79977	28.11 -0.01 0.00	32.54 0.23 0.00	24.96 0.24 0.00	25.28 0.45 0.00	26.40 0.64 0.00	33.86 0.84 0.00	121.72 3.25 -14.43	148.18 1.68 -102.46	99.16 1.78 -51.48	39.43 1.32 0.00	32.17 1.01 0.00	28.78 0.85 0.00	26.47 0.59 0.00	27.61 0.41 0.00	29.21 0.31 0.00	32.15 0.43 0.00	38.33 0.80 0.00	41.87 1.63 0.00	41.14 2.06 0.00	40.22 2.01 0.00	40.13 1.83 0.00	35.81 1.45 0.00	30.47 1.15 0.00	26.54 0.93 0.00
BLISS_WT_PWR 323608	27.35 -0.76 0.00	31.94 -0.36 0.00	24.36 -0.36 0.00	24.67 -0.16 0.00	25.52 -0.23 0.00	32.84 -0.18 0.00	103.89 -0.15 0.00	44.78 0.74 0.00	46.40 0.52 0.00	38.62 0.51 0.00	31.51 0.35 0.00	28.34 0.41 0.00	26.50 0.62 0.00	27.69 0.49 0.00	29.03 0.14 0.00	31.95 0.23 0.00	37.37 -0.16 0.00	39.83 -0.41 0.00	38.89 -0.20 0.00	38.15 -0.06 0.00	38.17 -0.13 0.00	34.35 -0.01 0.00	28.98 -0.35 0.00	25.43 -0.18 0.00
BLUESTONE___WT_PWR 323821	28.23 0.11 0.00	32.53 0.22 0.00	24.82 0.10 0.00	25.01 0.19 0.00	26.03 0.28 0.00	33.54 0.52 0.00	104.13 0.09 0.00	44.88 0.85 0.00	47.21 1.32 0.00	38.94 0.82 0.00	31.81 0.65 0.00	28.53 0.60 0.00	26.68 0.80 0.00	28.03 0.82 0.00	29.34 0.45 0.00	31.99 0.27 0.00	37.97 0.44 0.00	41.09 0.85 0.00	39.68 0.60 0.00	39.16 0.95 0.00	39.45 1.15 0.00	35.25 0.90 0.00	29.85 0.52 0.00	26.04 0.43 0.00
BLUE_CIRC_CHEM_DRP 24182	28.99 0.87 0.00	33.13 0.83 0.00	25.36 0.64 0.00	25.44 0.61 0.00	26.41 0.65 0.00	33.85 0.83 0.00	106.75 2.71 0.00	45.21 1.18 0.00	47.05 1.17 0.00	39.01 0.90 0.00	31.85 0.69 0.00	28.43 0.51 0.00	26.26 0.38 0.00	27.64 0.44 0.00	29.53 0.63 0.00	32.31 0.59 0.00	38.37 0.85 0.00	41.27 1.03 0.00	40.04 0.95 0.00	39.20 1.00 0.00	39.35 1.05 0.00	35.03 0.67 0.00	29.82 0.50 0.00	26.03 0.41 0.00
BOC_GAS_DRP 24189	28.82 0.70 0.00	32.92 0.62 0.00	25.19 0.47 0.00	25.27 0.44 0.00	26.21 0.46 0.00	33.58 0.56 0.00	105.88 1.84 0.00	44.86 0.82 0.00	46.74 0.85 0.00	38.84 0.73 0.00	31.76 0.60 0.00	28.39 0.46 0.00	26.30 0.41 0.00	27.69 0.49 0.00	29.54 0.64 0.00	32.38 0.66 0.00	38.28 0.76 0.00	41.02 0.78 0.00	39.76 0.68 0.00	38.91 0.70 0.00	39.04 0.74 0.00	34.79 0.44 0.00	29.65 0.32 0.00	25.86 0.25 0.00
BOONVILLE_115KV_TB1 79983	28.50 0.39 0.00	32.84 0.54 0.00	25.11 0.39 0.00	25.31 0.48 0.00	26.34 0.59 0.00	33.84 0.82 0.00	114.82 2.99 -7.78	100.72 1.41 -55.27	75.09 1.45 -27.75	39.30 1.19 0.00	32.08 0.93 0.00	28.71 0.79 0.00	26.52 0.63 0.00	27.79 0.60 0.00	29.41 0.51 0.00	32.30 0.58 0.00	38.49 0.97 0.00	41.62 1.38 0.00	40.62 1.54 0.00	39.72 1.52 0.00	39.67 1.37 0.00	35.48 1.12 0.00	30.20 0.88 0.00	26.35 0.74 0.00
BORALEX_4TH_BRANCH 23824	29.86 1.74 0.00	34.03 1.73 0.00	26.06 1.34 0.00	26.12 1.30 0.00	27.17 1.42 0.00	34.68 1.66 0.00	108.34 4.30 0.00	46.14 2.10 0.00	48.48 2.59 0.00	40.00 1.88 0.00	32.45 1.29 0.00	28.90 0.97 0.00	26.70 0.81 0.00	28.17 0.97 0.00	30.20 1.31 0.00	33.14 1.42 0.00	38.83 1.31 0.00	41.67 1.43 0.00	40.38 1.30 0.00	39.63 1.43 0.00	40.20 1.90 0.00	35.75 1.39 0.00	30.49 1.16 0.00	26.60 0.98 0.00
BOWLINE___1 23526	29.32 1.21 0.00	33.46 1.16 0.00	25.60 0.88 0.00	25.71 0.88 0.00	26.56 0.81 0.00	34.03 1.01 0.00	107.53 3.49 0.00	45.66 1.62 0.00	47.44 1.55 0.00	39.55 1.44 0.00	32.36 1.20 0.00	28.93 1.00 0.00	26.87 0.99 0.00	28.33 1.13 0.00	30.22 1.33 0.00	33.14 1.42 0.00	39.16 1.63 0.00	41.86 1.62 0.00	40.60 1.52 0.00	39.52 1.31 0.00	39.59 1.29 0.00	35.44 1.08 0.00	30.22 0.89 0.00	26.35 0.74 0.00
BOWLINE___2 23595	29.32 1.21 0.00	33.46 1.16 0.00	25.60 0.88 0.00	25.71 0.88 0.00	26.56 0.81 0.00	34.03 1.01 0.00	107.53 3.49 0.00	45.66 1.62 0.00	47.45 1.56 0.00	39.55 1.44 0.00	32.36 1.20 0.00	28.93 1.00 0.00	26.87 0.99 0.00	28.33 1.13 0.00	30.22 1.33 0.00	33.14 1.42 0.00	39.16 1.64 0.00	41.86 1.62 0.00	40.60 1.52 0.00	39.52 1.31 0.00	39.59 1.29 0.00	35.44 1.08 0.00	30.22 0.89 0.00	26.35 0.74 0.00
BRADY___115KV_TB2 356060	28.97 0.86 0.00	33.56 1.26 0.00	25.72 1.00 0.00	25.81 0.98 0.00	26.83 1.08 0.00	34.42 1.40 0.00	180.28 4.72 -71.52	525.04 1.78 -479.22	287.55 1.93 -239.73	39.55 1.44 0.00	32.38 1.22 0.00	29.09 1.16 0.00	26.94 1.06 0.00	28.27 1.07 0.00	30.02 1.13 0.00	32.96 1.24 0.00	38.97 1.45 0.00	41.77 1.53 0.00	40.66 1.57 0.00	39.81 1.60 0.00	39.92 1.63 0.00	35.82 1.47 0.00	30.58 1.26 0.00	26.75 1.14 0.00
BRANSCOMB___SOLAR 323811	29.50 1.39 0.00	33.70 1.40 0.00	25.79 1.07 0.00	25.89 1.06 0.00	26.88 1.13 0.00	34.49 1.47 0.00	108.68 4.64 0.00	46.20 2.16 0.00	48.09 2.20 0.00	39.72 1.61 0.00	32.43 1.26 0.00	28.94 1.01 0.00	26.66 0.78 0.00	28.01 0.81 0.00	29.87 0.98 0.00	32.72 1.00 0.00	38.83 1.30 0.00	41.85 1.61 0.00	40.60 1.52 0.00	39.78 1.57 0.00	39.97 1.67 0.00	35.56 1.21 0.00	30.33 1.01 0.00	26.45 0.84 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.22 2.11 0.00	34.34 2.04 0.00	26.22 1.49 0.00	26.26 1.44 0.00	27.07 1.31 0.00	34.40 1.38 0.00	108.26 4.22 0.00	44.36 1.08 0.76	34.94 1.39 12.34	39.86 1.74 0.00	32.99 1.83 0.00	29.72 1.79 0.00	27.39 1.50 0.00	28.86 1.66 0.00	30.75 1.86 0.00	33.53 1.81 0.00	39.02 1.82 0.33	41.97 1.73 0.00	39.23 1.46 1.31	39.62 1.41 0.00	39.79 1.49 0.00	29.78 1.08 5.66	30.47 1.15 0.00	26.82 1.21 0.00

BRISTLHL_115KV_TB1 79998	27.33 -0.79 0.00	31.41 -0.89 0.00	24.03 -0.69 0.00	24.15 -0.68 0.00	25.07 -0.69 0.00	32.16 -0.86 0.00	103.17 -2.75 -1.88	56.39 -1.14 -13.49	51.61 -1.25 -6.97	37.08 -1.04 0.00	30.28 -0.88 0.00	27.14 -0.79 0.00	25.13 -0.75 0.00	26.36 -0.84 0.00	27.95 -0.94 0.00	30.78 -0.94 0.00	36.50 -1.02 0.00	39.22 -1.01 0.00	38.23 -0.85 0.00	37.36 -0.85 0.00	37.41 -0.89 0.00	33.49 -0.87 0.00	28.50 -0.82 0.00	24.86 -0.75 0.00
BROOKHAVEN___DRP 24191	30.12 2.00 0.00	34.20 1.90 0.00	26.13 1.41 0.00	26.18 1.35 0.00	26.98 1.23 0.00	34.22 1.20 0.00	108.00 3.96 0.00	44.37 1.12 0.78	34.61 1.28 12.56	39.69 1.58 0.00	32.80 1.64 0.00	29.53 1.61 0.00	27.18 1.30 0.00	28.63 1.44 0.00	30.60 1.70 0.00	33.40 1.68 0.00	38.93 1.73 0.33	41.91 1.68 0.00	39.18 1.45 1.35	39.53 1.33 0.00	39.70 1.40 0.00	29.65 1.05 5.76	30.41 1.09 0.00	26.74 1.12 0.00
BROOKLYN_NAVY_YARD 23515	29.70 1.59 0.00	33.84 1.54 0.00	25.91 1.19 0.00	25.99 1.16 0.00	26.83 1.08 0.00	34.33 1.32 0.00	108.37 4.33 0.00	46.55 1.98 -0.53	48.74 2.04 -0.82	40.05 1.94 0.00	32.83 1.67 0.00	29.40 1.47 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.71 1.82 0.00	33.64 1.92 0.00	39.69 2.16 0.00	42.31 2.07 0.00	41.58 1.87 -0.63	39.88 1.67 0.00	40.00 1.70 0.00	35.79 1.44 0.00	30.49 1.17 0.00	26.61 1.00 0.00
BROOKLYN___ARMY_DRP 323595	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
BROOKVLE_69_KV_TB1 55790	30.01 1.89 0.00	34.13 1.82 0.00	26.05 1.33 0.00	26.12 1.29 0.00	26.96 1.21 0.00	34.39 1.37 0.00	108.57 4.53 0.00	45.85 1.81 0.00	42.60 1.89 5.18	40.04 1.93 0.00	32.97 1.81 0.00	29.63 1.71 0.00	27.42 1.54 0.00	28.92 1.72 0.00	30.88 1.99 0.00	33.78 2.06 0.00	39.57 2.20 0.15	42.35 2.12 0.00	40.80 1.88 0.17	39.93 1.72 0.00	40.06 1.76 0.00	33.15 1.40 2.60	30.60 1.28 0.00	26.78 1.17 0.00
BROOME_2_LFGE 323671	28.31 0.20 0.00	32.55 0.24 0.00	24.90 0.18 0.00	25.04 0.21 0.00	25.92 0.17 0.00	33.33 0.31 0.00	105.04 1.00 0.00	45.00 0.96 0.00	46.66 0.78 0.00	38.79 0.68 0.00	31.44 0.28 0.00	28.23 0.31 0.00	26.43 0.55 0.00	27.73 0.53 0.00	29.27 0.37 0.00	32.05 0.33 0.00	37.51 -0.02 0.00	40.24 0.00 0.00	39.14 0.05 0.00	38.32 0.12 0.00	38.42 0.11 0.00	34.38 0.03 0.00	29.21 -0.11 0.00	25.53 -0.08 0.00
BROOME___LFGE 323600	28.31 0.20 0.00	32.55 0.24 0.00	24.90 0.18 0.00	25.04 0.21 0.00	25.92 0.17 0.00	33.33 0.31 0.00	105.04 1.00 0.00	45.00 0.96 0.00	46.66 0.78 0.00	38.79 0.68 0.00	31.44 0.28 0.00	28.23 0.31 0.00	26.43 0.55 0.00	27.73 0.53 0.00	29.27 0.37 0.00	32.05 0.33 0.00	37.51 -0.02 0.00	40.24 0.00 0.00	39.14 0.05 0.00	38.32 0.12 0.00	38.42 0.11 0.00	34.38 0.03 0.00	29.21 -0.11 0.00	25.53 -0.08 0.00
BROWNFLS_115KV_TB_3_5 80003	28.51 0.39 0.00	33.03 0.72 0.00	25.30 0.58 0.00	25.50 0.67 0.00	26.58 0.82 0.00	34.09 1.08 0.00	144.88 3.75 -37.10	308.94 1.57 -263.34	179.75 1.75 -132.11	39.43 1.31 0.00	32.26 1.10 0.00	28.94 1.02 0.00	26.76 0.88 0.00	28.02 0.83 0.00	29.66 0.76 0.00	32.61 0.90 0.00	38.72 1.20 0.00	41.80 1.57 0.00	40.78 1.70 0.00	39.88 1.67 0.00	39.90 1.60 0.00	35.72 1.36 0.00	30.48 1.15 0.00	26.63 1.01 0.00
BROWNSV1_27_KV_LOAD 356125	29.95 1.84 0.00	34.13 1.83 0.00	26.11 1.39 0.00	26.20 1.37 0.00	27.04 1.29 0.00	34.60 1.58 0.00	109.31 5.27 0.00	46.46 2.42 0.00	48.38 2.49 0.00	40.45 2.33 0.00	33.14 1.98 0.00	29.68 1.75 0.00	27.55 1.67 0.00	29.06 1.86 0.00	31.00 2.11 0.00	33.96 2.24 0.00	40.07 2.54 0.00	42.71 2.48 0.00	41.36 2.28 0.00	40.30 2.09 0.00	40.38 2.08 0.00	36.16 1.80 0.00	30.78 1.46 0.00	26.85 1.23 0.00
BURROWS___LYONSDAL 23803	28.42 0.31 0.00	32.79 0.49 0.00	25.08 0.35 0.00	25.31 0.48 0.00	26.36 0.61 0.00	33.85 0.83 0.00	117.39 3.04 -10.31	118.65 1.43 -73.18	84.13 1.51 -36.74	39.34 1.22 0.00	32.12 0.97 0.00	28.74 0.82 0.00	26.55 0.66 0.00	27.80 0.60 0.00	29.39 0.49 0.00	32.30 0.58 0.00	38.51 0.99 0.00	41.70 1.46 0.00	40.71 1.63 0.00	39.81 1.60 0.00	39.75 1.45 0.00	35.54 1.18 0.00	30.26 0.94 0.00	26.40 0.79 0.00
CAITHNESS_CC_1 323624	30.05 1.93 0.00	34.12 1.82 0.00	26.07 1.35 0.00	26.12 1.29 0.00	26.92 1.17 0.00	34.14 1.12 0.00	107.69 3.65 0.00	44.27 1.01 0.78	34.49 1.17 12.57	39.60 1.49 0.00	32.75 1.59 0.00	29.48 1.55 0.00	27.15 1.27 0.00	28.60 1.40 0.00	30.54 1.65 0.00	33.33 1.61 0.00	38.82 1.62 0.33	41.78 1.55 0.00	39.03 1.30 1.36	39.40 1.19 0.00	39.58 1.27 0.00	29.55 0.95 5.76	30.32 1.00 0.00	26.68 1.07 0.00
CALPINE BETH_PAGE_GT4 24209	29.96 1.85 0.00	34.07 1.77 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.89 1.14 0.00	34.26 1.24 0.00	108.01 3.97 0.00	45.00 1.46 0.50	38.11 1.56 9.33	39.83 1.72 0.00	32.85 1.69 0.00	29.53 1.61 0.00	27.30 1.41 0.00	28.77 1.58 0.00	30.68 1.79 0.00	33.52 1.80 0.00	39.12 1.84 0.25	42.02 1.78 0.00	39.77 1.57 0.88	39.64 1.43 0.00	39.76 1.46 0.00	31.18 1.15 4.33	30.45 1.13 0.00	26.70 1.09 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.96 1.85 0.00	34.07 1.76 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.89 1.14 0.00	34.26 1.24 0.00	108.01 3.97 0.00	44.99 1.45 0.50	38.10 1.54 9.33	39.83 1.72 0.00	32.86 1.70 0.00	29.53 1.60 0.00	27.30 1.41 0.00	28.77 1.57 0.00	30.68 1.79 0.00	33.52 1.80 0.00	39.11 1.84 0.25	42.02 1.79 0.00	39.75 1.55 0.88	39.63 1.42 0.00	39.76 1.46 0.00	31.18 1.15 4.33	30.45 1.13 0.00	26.71 1.09 0.00
CALPINE_BP_GT1 23823	29.96 1.85 0.00	34.07 1.76 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.89 1.14 0.00	34.26 1.24 0.00	108.01 3.97 0.00	44.99 1.45 0.50	38.10 1.54 9.33	39.83 1.72 0.00	32.86 1.70 0.00	29.53 1.60 0.00	27.30 1.41 0.00	28.77 1.57 0.00	30.68 1.79 0.00	33.52 1.80 0.00	39.11 1.84 0.25	42.02 1.79 0.00	39.75 1.55 0.88	39.63 1.42 0.00	39.76 1.46 0.00	31.18 1.15 4.33	30.45 1.13 0.00	26.71 1.09 0.00
CALSPAN___DRP 24200	26.89 -1.23 0.00	31.43 -0.87 0.00	24.02 -0.70 0.00	24.24 -0.59 0.00	25.08 -0.67 0.00	32.31 -0.71 0.00	101.30 -2.74 0.00	43.47 -0.57 0.00	45.20 -0.69 0.00	37.66 -0.46 0.00	30.79 -0.37 0.00	27.70 -0.23 0.00	25.93 0.05 0.00	27.10 -0.10 0.00	28.51 -0.38 0.00	31.34 -0.38 0.00	36.54 -0.98 0.00	38.98 -1.25 0.00	38.04 -1.05 0.00	37.27 -0.93 0.00	37.17 -1.14 0.00	33.50 -0.86 0.00	28.25 -1.07 0.00	24.90 -0.72 0.00

CALVERTON___SOLAR 323806	30.20 2.09 0.00	34.30 2.00 0.00	26.21 1.49 0.00	26.26 1.43 0.00	27.06 1.31 0.00	34.30 1.28 0.00	108.38 4.34 0.00	44.48 1.23 0.78	34.75 1.42 12.56	39.82 1.71 0.00	32.89 1.74 0.00	29.60 1.67 0.00	27.23 1.35 0.00	28.69 1.49 0.00	30.67 1.78 0.00	33.50 1.78 0.00	39.04 1.84 0.33	42.06 1.83 0.00	39.33 1.60 1.35	39.69 1.48 0.00	39.85 1.55 0.00	29.79 1.19 5.76	30.50 1.18 0.00	26.82 1.21 0.00
CANDIGU_WT_PWR 323617	27.15 -0.96 0.00	31.46 -0.84 0.00	24.07 -0.65 0.00	24.17 -0.66 0.00	24.96 -0.80 0.00	32.15 -0.87 0.00	101.57 -2.47 0.00	43.68 -0.36 0.00	45.22 -0.67 0.00	37.78 -0.34 0.00	30.46 -0.70 0.00	27.51 -0.42 0.00	25.88 0.00 0.00	27.03 -0.17 0.00	28.30 -0.59 0.00	31.11 -0.61 0.00	36.61 -0.92 0.00	39.36 -0.88 0.00	38.49 -0.59 0.00	37.76 -0.45 0.00	37.86 -0.44 0.00	34.06 -0.30 0.00	28.82 -0.51 0.00	25.28 -0.34 0.00
CARR STREET_E_SYR 24060	27.48 -0.63 0.00	31.60 -0.70 0.00	24.17 -0.55 0.00	24.29 -0.54 0.00	25.21 -0.55 0.00	32.35 -0.67 0.00	103.47 -2.11 -1.54	54.16 -0.83 -10.96	50.51 -0.95 -5.57	37.35 -0.77 0.00	30.51 -0.65 0.00	27.34 -0.59 0.00	25.33 -0.56 0.00	26.55 -0.64 0.00	28.15 -0.74 0.00	31.00 -0.73 0.00	36.85 -0.67 0.00	39.50 -0.74 0.00	38.43 -0.66 0.00	37.54 -0.67 0.00	37.58 -0.72 0.00	33.65 -0.71 0.00	28.62 -0.70 0.00	25.01 -0.61 0.00
CARTHAGE___PAPER 23857	28.40 0.28 0.00	32.87 0.57 0.00	25.19 0.47 0.00	25.49 0.66 0.00	26.61 0.86 0.00	34.15 1.13 0.00	125.04 4.17 -16.83	165.55 1.99 -119.52	108.03 2.12 -60.02	39.71 1.59 0.00	32.42 1.26 0.00	28.99 1.07 0.00	26.69 0.81 0.00	27.86 0.66 0.00	29.44 0.55 0.00	32.46 0.74 0.00	38.71 1.18 0.00	42.19 1.96 0.00	41.37 2.29 0.00	40.44 2.24 0.00	40.36 2.06 0.00	36.04 1.69 0.00	30.69 1.37 0.00	26.75 1.14 0.00
CASSADAGA_WT_PWR 323784	27.22 -0.89 0.00	31.92 -0.39 0.00	24.50 -0.23 0.00	24.78 -0.05 0.00	25.68 -0.07 0.00	33.18 0.16 0.00	104.37 0.32 0.00	44.96 0.93 0.00	46.62 0.73 0.00	38.85 0.74 0.00	31.76 0.60 0.00	28.66 0.73 0.00	26.80 0.92 0.00	28.00 0.80 0.00	29.39 0.49 0.00	32.24 0.52 0.00	37.61 0.08 0.00	40.25 0.01 0.00	39.41 0.32 0.00	38.65 0.44 0.00	38.58 0.27 0.00	34.70 0.34 0.00	29.23 -0.09 0.00	25.69 0.07 0.00
CE_DUNWOOD___DRP 24194	29.60 1.49 0.00	33.74 1.43 0.00	25.80 1.08 0.00	25.89 1.06 0.00	26.76 1.00 0.00	34.24 1.23 0.00	108.16 4.12 0.00	45.94 1.90 0.00	47.83 1.94 0.00	39.92 1.80 0.00	32.69 1.53 0.00	29.27 1.34 0.00	27.16 1.28 0.00	28.64 1.44 0.00	30.56 1.66 0.00	33.48 1.76 0.00	39.52 1.99 0.00	42.18 1.94 0.00	40.85 1.77 0.00	39.81 1.60 0.00	39.91 1.61 0.00	35.70 1.34 0.00	30.42 1.10 0.00	26.54 0.92 0.00
CE_MILLWOOD___DRP 24193	29.56 1.45 0.00	33.70 1.39 0.00	25.77 1.05 0.00	25.86 1.03 0.00	26.73 0.98 0.00	34.21 1.19 0.00	108.05 4.01 0.00	45.90 1.86 0.00	47.78 1.89 0.00	39.87 1.76 0.00	32.64 1.48 0.00	29.23 1.30 0.00	27.12 1.24 0.00	28.59 1.39 0.00	30.50 1.61 0.00	33.43 1.71 0.00	39.46 1.94 0.00	42.13 1.90 0.00	40.81 1.73 0.00	39.77 1.56 0.00	39.87 1.56 0.00	35.65 1.29 0.00	30.39 1.06 0.00	26.50 0.89 0.00
CE_NYC2_DRP 24202	29.73 1.61 0.00	33.88 1.58 0.00	25.93 1.21 0.00	26.01 1.18 0.00	26.85 1.10 0.00	34.37 1.35 0.00	108.40 4.36 0.00	46.01 1.97 0.00	47.94 2.05 0.00	40.11 2.00 0.00	32.86 1.71 0.00	29.45 1.52 0.00	27.32 1.44 0.00	28.83 1.62 0.00	30.74 1.85 0.00	33.67 1.95 0.00	39.73 2.20 0.00	42.29 2.05 0.00	40.95 1.86 0.00	39.89 1.68 0.00	40.02 1.72 0.00	35.87 1.51 0.00	30.52 1.20 0.00	26.64 1.02 0.00
CE_NYC_DRP 24195	29.78 1.66 0.00	33.93 1.62 0.00	25.96 1.24 0.00	26.05 1.22 0.00	26.89 1.14 0.00	34.39 1.37 0.00	108.60 4.56 0.00	46.15 2.12 0.00	48.07 2.18 0.00	40.18 2.07 0.00	32.93 1.77 0.00	29.50 1.58 0.00	27.39 1.50 0.00	28.88 1.68 0.00	30.81 1.92 0.00	33.75 2.03 0.00	39.82 2.30 0.00	42.45 2.21 0.00	41.09 2.00 0.00	40.01 1.80 0.00	40.10 1.80 0.00	35.91 1.55 0.00	30.59 1.26 0.00	26.68 1.07 0.00
CHAFFEE___LFGE 323603	27.03 -1.08 0.00	31.59 -0.71 0.00	24.12 -0.60 0.00	24.35 -0.48 0.00	25.20 -0.55 0.00	32.47 -0.55 0.00	101.83 -2.21 0.00	43.79 -0.24 0.00	45.54 -0.35 0.00	37.93 -0.19 0.00	30.95 -0.20 0.00	27.83 -0.09 0.00	26.07 0.19 0.00	27.27 0.07 0.00	28.67 -0.22 0.00	31.49 -0.23 0.00	36.75 -0.77 0.00	39.22 -1.02 0.00	38.30 -0.79 0.00	37.55 -0.66 0.00	37.44 -0.86 0.00	33.72 -0.64 0.00	28.41 -0.91 0.00	25.01 -0.60 0.00
CHATEAUG_35_KV_LOAD 355732	28.39 0.28 0.00	32.98 0.68 0.00	25.29 0.57 0.00	25.28 0.45 0.00	26.42 0.67 0.00	33.87 0.85 0.00	112.83 2.73 -6.06	270.98 1.42 -225.53	164.69 1.74 -117.06	39.17 1.06 0.00	32.21 1.05 0.00	29.02 1.09 0.00	26.72 0.84 0.00	28.13 0.93 0.00	29.85 0.96 0.00	32.68 0.96 0.00	38.57 1.05 0.00	41.24 1.00 0.00	39.82 0.73 0.00	38.74 0.54 0.00	39.07 0.77 0.00	35.06 0.71 0.00	30.10 0.78 0.00	26.48 0.86 0.00
CHATEAUG_WT_PWR 323614	28.30 0.19 0.00	32.87 0.57 0.00	25.21 0.49 0.00	25.17 0.34 0.00	26.33 0.58 0.00	33.74 0.73 0.00	106.33 2.29 0.00	252.83 1.23 -207.56	156.01 1.54 -108.59	39.02 0.91 0.00	32.13 0.98 0.00	28.91 0.99 0.00	26.66 0.77 0.00	28.04 0.85 0.00	29.77 0.87 0.00	32.60 0.88 0.00	38.45 0.93 0.00	41.11 0.87 0.00	39.66 0.57 0.00	38.59 0.38 0.00	38.92 0.62 0.00	34.91 0.55 0.00	29.99 0.66 0.00	26.38 0.76 0.00
CHAT_HIGH_FALL_HYD 323578	28.39 0.28 0.00	32.98 0.68 0.00	25.29 0.57 0.00	25.28 0.45 0.00	26.42 0.67 0.00	33.87 0.85 0.00	112.83 2.73 -6.06	270.98 1.42 -225.53	164.69 1.74 -117.06	39.17 1.06 0.00	32.21 1.05 0.00	29.02 1.09 0.00	26.72 0.84 0.00	28.13 0.93 0.00	29.85 0.96 0.00	32.68 0.96 0.00	38.57 1.05 0.00	41.24 1.00 0.00	39.82 0.73 0.00	38.74 0.54 0.00	39.07 0.77 0.00	35.06 0.71 0.00	30.10 0.78 0.00	26.48 0.86 0.00
CHAUTAUQUA___LFGE 323629	27.08 -1.03 0.00	31.71 -0.59 0.00	24.28 -0.44 0.00	24.52 -0.31 0.00	25.40 -0.35 0.00	32.78 -0.24 0.00	102.94 -1.10 0.00	44.27 0.23 0.00	45.95 0.06 0.00	38.29 0.18 0.00	31.29 0.13 0.00	28.21 0.28 0.00	26.38 0.50 0.00	27.57 0.37 0.00	28.95 0.06 0.00	31.79 0.07 0.00	37.08 -0.44 0.00	39.62 -0.61 0.00	38.78 -0.31 0.00	38.02 -0.19 0.00	37.94 -0.36 0.00	34.16 -0.19 0.00	28.78 -0.54 0.00	25.33 -0.28 0.00
CHERRYST_13_KV_LD 356241	29.84 1.73 0.00	34.00 1.70 0.00	26.02 1.29 0.00	26.10 1.27 0.00	26.95 1.20 0.00	34.47 1.45 0.00	108.92 4.88 0.00	46.30 2.26 0.00	48.24 2.35 0.00	40.33 2.22 0.00	33.05 1.89 0.00	29.61 1.68 0.00	27.48 1.60 0.00	28.99 1.79 0.00	30.92 2.03 0.00	33.87 2.15 0.00	39.97 2.44 0.00	42.59 2.35 0.00	41.22 2.13 0.00	40.12 1.92 0.00	40.22 1.92 0.00	36.00 1.64 0.00	30.65 1.33 0.00	26.74 1.13 0.00

CHESTROR_138KV_BK263 355645	29.31 1.20 0.00	33.47 1.16 0.00	25.60 0.88 0.00	25.70 0.87 0.00	26.58 0.83 0.00	34.05 1.03 0.00	107.56 3.52 0.00	45.68 1.65 0.00	47.50 1.61 0.00	39.54 1.43 0.00	32.32 1.16 0.00	28.90 0.98 0.00	26.83 0.95 0.00	28.28 1.09 0.00	30.16 1.26 0.00	33.07 1.36 0.00	39.10 1.57 0.00	41.85 1.61 0.00	40.61 1.52 0.00	39.56 1.36 0.00	39.65 1.35 0.00	35.46 1.11 0.00	30.22 0.90 0.00	26.36 0.74 0.00
CH_MIDHUDSON___DRP 24192	29.59 1.47 0.00	33.73 1.42 0.00	25.79 1.07 0.00	25.88 1.05 0.00	26.77 1.02 0.00	34.30 1.28 0.00	108.32 4.28 0.00	46.04 2.01 0.00	47.93 2.05 0.00	39.92 1.80 0.00	32.65 1.49 0.00	29.20 1.28 0.00	27.09 1.20 0.00	28.56 1.36 0.00	30.47 1.57 0.00	33.42 1.70 0.00	39.48 1.96 0.00	42.22 1.98 0.00	40.92 1.83 0.00	39.92 1.72 0.00	40.03 1.72 0.00	35.75 1.40 0.00	30.44 1.12 0.00	26.55 0.93 0.00
CH_MISC_IPPS 23765	29.72 1.60 0.00	33.88 1.58 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.90 1.14 0.00	34.47 1.45 0.00	108.95 4.90 0.00	46.30 2.26 0.00	48.18 2.29 0.00	40.12 2.00 0.00	32.80 1.64 0.00	29.32 1.39 0.00	27.20 1.32 0.00	28.68 1.48 0.00	30.60 1.71 0.00	33.58 1.86 0.00	39.72 2.19 0.00	42.50 2.27 0.00	41.21 2.12 0.00	40.20 1.99 0.00	40.27 1.97 0.00	35.95 1.60 0.00	30.61 1.29 0.00	26.68 1.07 0.00
CH_RES_BVR_FALLS 23983	28.10 -0.02 0.00	32.46 0.16 0.00	24.85 0.12 0.00	25.00 0.17 0.00	25.96 0.21 0.00	33.25 0.23 0.00	100.92 0.65 3.77	17.50 0.23 26.77	32.80 0.34 13.43	38.38 0.27 0.00	31.43 0.27 0.00	28.22 0.29 0.00	26.14 0.26 0.00	27.49 0.29 0.00	29.16 0.27 0.00	31.95 0.24 0.00	37.80 0.28 0.00	40.49 0.26 0.00	39.28 0.20 0.00	38.41 0.20 0.00	38.55 0.25 0.00	34.58 0.22 0.00	29.54 0.21 0.00	25.84 0.22 0.00
CH_RES_NIAGARA 23895	26.02 -2.10 0.00	30.49 -1.82 0.00	23.29 -1.44 0.00	23.52 -1.31 0.00	24.33 -1.42 0.00	31.30 -1.72 0.00	97.68 -6.37 0.00	41.75 -2.29 0.00	43.51 -2.37 0.00	36.28 -1.84 0.00	29.78 -1.38 0.00	26.79 -1.14 0.00	25.06 -0.82 0.00	26.20 -1.00 0.00	27.60 -1.29 0.00	30.33 -1.39 0.00	35.27 -2.25 0.00	37.49 -2.75 0.00	36.55 -2.54 0.00	35.77 -2.43 0.00	35.64 -2.66 0.00	32.19 -2.17 0.00	27.17 -2.15 0.00	24.01 -1.60 0.00
CH_RES_SYRACUSE 23985	27.64 -0.47 0.00	31.79 -0.51 0.00	24.32 -0.41 0.00	24.43 -0.40 0.00	25.34 -0.41 0.00	32.52 -0.49 0.00	103.97 -1.45 -1.38	53.33 -0.56 -9.86	50.27 -0.69 -5.07	37.57 -0.55 0.00	30.65 -0.51 0.00	27.47 -0.46 0.00	25.45 -0.44 0.00	26.66 -0.54 0.00	28.27 -0.63 0.00	31.14 -0.58 0.00	37.02 -0.50 0.00	39.78 -0.45 0.00	38.76 -0.33 0.00	37.86 -0.35 0.00	37.86 -0.44 0.00	33.91 -0.45 0.00	28.87 -0.45 0.00	25.22 -0.39 0.00
CLINTON_WT_PWR 323605	28.30 0.19 0.00	32.87 0.57 0.00	25.21 0.49 0.00	25.17 0.34 0.00	26.33 0.58 0.00	33.74 0.73 0.00	106.33 2.29 0.00	252.83 1.23 -207.56	156.01 1.54 -108.59	39.02 0.91 0.00	32.13 0.98 0.00	28.91 0.99 0.00	26.66 0.77 0.00	28.04 0.85 0.00	29.77 0.87 0.00	32.60 0.88 0.00	38.45 0.93 0.00	41.11 0.87 0.00	39.66 0.57 0.00	38.59 0.38 0.00	38.92 0.62 0.00	34.91 0.55 0.00	29.99 0.66 0.00	26.38 0.76 0.00
CLINTON___LFGE 323618	28.98 0.86 0.00	33.62 1.31 0.00	25.83 1.10 0.00	25.80 0.97 0.00	26.96 1.21 0.00	34.65 1.63 0.00	111.99 5.23 -2.72	261.10 2.69 -214.38	160.64 3.01 -111.74	39.83 1.72 0.00	32.92 1.76 0.00	29.60 1.67 0.00	27.13 1.25 0.00	28.58 1.38 0.00	30.31 1.42 0.00	33.17 1.45 0.00	39.09 1.56 0.00	41.76 1.53 0.00	40.25 1.17 0.00	39.23 1.02 0.00	39.85 1.55 0.00	35.81 1.46 0.00	30.77 1.44 0.00	27.07 1.46 0.00
COBBLENY_34_KV_TB1 80064	27.04 -1.08 0.00	31.59 -0.72 0.00	24.12 -0.60 0.00	24.35 -0.48 0.00	25.20 -0.55 0.00	32.47 -0.55 0.00	101.82 -2.22 0.00	43.79 -0.25 0.00	45.54 -0.35 0.00	37.93 -0.18 0.00	30.97 -0.19 0.00	27.83 -0.10 0.00	26.07 0.19 0.00	27.27 0.07 0.00	28.67 -0.22 0.00	31.49 -0.23 0.00	36.74 -0.78 0.00	39.22 -1.02 0.00	38.29 -0.79 0.00	37.55 -0.66 0.00	37.44 -0.86 0.00	33.72 -0.63 0.00	28.41 -0.91 0.00	25.02 -0.59 0.00
COFFEEN___115KV_TB3 355620	28.27 0.15 0.00	32.71 0.41 0.00	25.09 0.37 0.00	25.39 0.56 0.00	26.51 0.76 0.00	34.03 1.01 0.00	121.97 3.93 -14.00	145.47 1.99 -99.44	97.95 2.09 -49.97	39.64 1.52 0.00	32.31 1.15 0.00	28.90 0.97 0.00	26.55 0.66 0.00	27.68 0.48 0.00	29.31 0.41 0.00	32.27 0.55 0.00	38.44 0.91 0.00	42.08 1.84 0.00	41.43 2.34 0.00	40.52 2.31 0.00	40.41 2.11 0.00	36.05 1.69 0.00	30.64 1.32 0.00	26.67 1.06 0.00
COLDSPRG_115KV_BK1 355956	27.80 -0.31 0.00	32.49 0.19 0.00	24.85 0.12 0.00	25.11 0.29 0.00	26.02 0.26 0.00	33.57 0.56 0.00	105.77 1.72 0.00	45.68 1.65 0.00	47.39 1.50 0.00	39.43 1.32 0.00	32.13 0.97 0.00	28.90 0.98 0.00	27.05 1.17 0.00	28.31 1.11 0.00	29.72 0.82 0.00	32.63 0.91 0.00	38.06 0.53 0.00	40.72 0.49 0.00	39.82 0.73 0.00	39.05 0.84 0.00	39.00 0.69 0.00	35.05 0.69 0.00	29.54 0.21 0.00	25.90 0.29 0.00
COLONIE_LFGE___ 323577	29.22 1.11 0.00	33.36 1.05 0.00	25.53 0.81 0.00	25.62 0.79 0.00	26.59 0.84 0.00	34.07 1.05 0.00	107.26 3.22 0.00	45.54 1.50 0.00	47.50 1.61 0.00	39.33 1.22 0.00	32.11 0.95 0.00	28.67 0.74 0.00	26.49 0.61 0.00	27.89 0.69 0.00	29.78 0.89 0.00	32.65 0.93 0.00	38.61 1.08 0.00	41.45 1.21 0.00	40.20 1.11 0.00	39.38 1.17 0.00	39.59 1.29 0.00	35.25 0.89 0.00	30.04 0.72 0.00	26.20 0.59 0.00
COOPERNY_115KV_TB1 80082	29.02 0.90 0.00	33.18 0.88 0.00	25.39 0.66 0.00	25.49 0.66 0.00	26.38 0.62 0.00	33.80 0.79 0.00	106.73 2.69 0.00	45.30 1.27 0.00	47.11 1.22 0.00	39.23 1.11 0.00	32.05 0.89 0.00	28.67 0.75 0.00	26.63 0.75 0.00	28.04 0.84 0.00	29.86 0.97 0.00	32.75 1.03 0.00	38.69 1.17 0.00	41.44 1.20 0.00	40.23 1.14 0.00	39.22 1.02 0.00	39.31 1.01 0.00	35.18 0.83 0.00	29.99 0.67 0.00	26.17 0.55 0.00
COPENHAGEN_WT_PWR 323753	27.83 -0.28 0.00	32.24 -0.06 0.00	24.77 0.05 0.00	25.11 0.28 0.00	26.23 0.48 0.00	33.61 0.59 0.00	119.66 2.37 -13.25	139.46 1.34 -94.09	94.61 1.43 -47.29	39.15 1.04 0.00	31.97 0.81 0.00	28.62 0.69 0.00	26.33 0.45 0.00	27.47 0.27 0.00	29.04 0.15 0.00	31.95 0.23 0.00	38.11 0.58 0.00	41.60 1.36 0.00	40.86 1.77 0.00	39.90 1.69 0.00	39.84 1.53 0.00	35.53 1.18 0.00	30.26 0.94 0.00	26.39 0.77 0.00
CORNELL_____ 23752	27.92 -0.19 0.00	32.11 -0.19 0.00	24.54 -0.18 0.00	24.66 -0.16 0.00	25.63 -0.12 0.00	32.94 -0.08 0.00	104.01 -0.03 0.00	44.24 0.16 -0.04	46.13 0.16 -0.09	38.19 0.08 0.00	31.16 0.00 0.00	27.85 -0.08 0.00	25.74 -0.14 0.00	26.86 -0.34 0.00	28.36 -0.54 0.00	31.35 -0.37 0.00	37.70 0.17 0.00	40.67 0.43 0.00	39.72 0.63 0.00	38.92 0.71 0.00	39.10 0.80 0.00	34.98 0.63 0.00	29.68 0.36 0.00	25.92 0.30 0.00

CORONAAV_69_KV_TB1 355595	29.91 1.79 0.00	34.00 1.70 0.00	25.92 1.20 0.00	25.99 1.16 0.00	26.82 1.07 0.00	34.24 1.22 0.00	107.92 3.88 0.00	46.66 1.57 -1.05	47.68 1.61 -0.19	39.79 1.68 0.00	32.79 1.63 0.00	29.49 1.57 0.00	27.34 1.46 0.00	28.83 1.63 0.00	30.76 1.87 0.00	33.66 1.94 0.00	39.55 2.08 0.05	42.23 1.99 0.00	41.90 1.76 -1.06	39.82 1.62 0.00	39.94 1.64 0.00	34.83 1.32 0.85	30.54 1.21 0.00	26.72 1.11 0.00
CORTLAND_115KV_TB3 80093	27.81 -0.30 0.00	31.99 -0.32 0.00	24.46 -0.27 0.00	24.58 -0.25 0.00	25.52 -0.23 0.00	32.79 -0.23 0.00	104.87 -0.54 -1.37	53.67 -0.14 -9.77	50.68 -0.19 -4.98	37.96 -0.16 0.00	30.99 -0.17 0.00	27.72 -0.20 0.00	25.63 -0.25 0.00	26.81 -0.38 0.00	28.38 -0.51 0.00	31.34 -0.38 0.00	37.57 0.04 0.00	40.43 0.19 0.00	39.40 0.31 0.00	38.56 0.35 0.00	38.67 0.36 0.00	34.60 0.25 0.00	29.40 0.07 0.00	25.68 0.07 0.00
COXSACKIE___GT 23611	29.67 1.56 0.00	33.89 1.59 0.00	25.92 1.19 0.00	25.98 1.16 0.00	27.02 1.26 0.00	34.74 1.72 0.00	110.01 5.97 0.00	46.83 2.79 0.00	48.78 2.90 0.00	40.09 1.98 0.00	32.55 1.39 0.00	28.72 0.79 0.00	26.56 0.68 0.00	27.88 0.68 0.00	29.69 0.80 0.00	32.61 0.89 0.00	39.06 1.53 0.00	42.50 2.26 0.00	41.62 2.54 0.00	40.82 2.61 0.00	40.85 2.55 0.00	36.24 1.88 0.00	30.73 1.41 0.00	26.74 1.12 0.00
CPV_VALLEY___CC1 323721	29.19 1.08 0.00	33.34 1.04 0.00	25.51 0.79 0.00	25.61 0.78 0.00	26.49 0.74 0.00	33.94 0.92 0.00	107.15 3.11 0.00	45.50 1.46 0.00	47.31 1.42 0.00	39.41 1.30 0.00	32.23 1.07 0.00	28.82 0.90 0.00	26.76 0.88 0.00	28.20 1.00 0.00	30.06 1.16 0.00	32.96 1.24 0.00	38.94 1.41 0.00	41.66 1.43 0.00	40.42 1.34 0.00	39.40 1.19 0.00	39.49 1.19 0.00	35.33 0.98 0.00	30.11 0.79 0.00	26.26 0.65 0.00
CPV_VALLEY___CC2 323722	29.19 1.08 0.00	33.34 1.04 0.00	25.51 0.79 0.00	25.61 0.78 0.00	26.49 0.74 0.00	33.94 0.92 0.00	107.15 3.11 0.00	45.50 1.46 0.00	47.31 1.42 0.00	39.41 1.30 0.00	32.23 1.07 0.00	28.82 0.90 0.00	26.76 0.88 0.00	28.20 1.00 0.00	30.06 1.16 0.00	32.96 1.24 0.00	38.94 1.41 0.00	41.66 1.43 0.00	40.42 1.34 0.00	39.40 1.19 0.00	39.49 1.19 0.00	35.33 0.98 0.00	30.11 0.79 0.00	26.26 0.65 0.00
CRESCENT___HYD 24018	29.22 1.11 0.00	33.36 1.05 0.00	25.53 0.81 0.00	25.62 0.79 0.00	26.59 0.84 0.00	34.07 1.05 0.00	107.26 3.22 0.00	45.54 1.50 0.00	47.50 1.61 0.00	39.33 1.22 0.00	32.11 0.95 0.00	28.67 0.74 0.00	26.49 0.61 0.00	27.89 0.69 0.00	29.78 0.89 0.00	32.65 0.93 0.00	38.61 1.08 0.00	41.45 1.21 0.00	40.20 1.11 0.00	39.38 1.17 0.00	39.59 1.29 0.00	35.25 0.89 0.00	30.04 0.72 0.00	26.20 0.59 0.00
CRICKET___VALLEY_CC1 323756	29.39 1.28 0.00	33.48 1.18 0.00	25.61 0.89 0.00	25.69 0.86 0.00	26.60 0.85 0.00	34.08 1.06 0.00	107.43 3.39 0.00	45.74 1.70 0.00	47.67 1.78 0.00	39.65 1.53 0.00	32.39 1.23 0.00	28.98 1.05 0.00	26.85 0.96 0.00	28.33 1.13 0.00	30.25 1.36 0.00	33.15 1.43 0.00	39.12 1.60 0.00	41.83 1.59 0.00	40.55 1.46 0.00	39.59 1.38 0.00	39.73 1.43 0.00	35.48 1.12 0.00	30.23 0.90 0.00	26.36 0.74 0.00
CRICKET___VALLEY_CC2 323757	29.39 1.28 0.00	33.48 1.18 0.00	25.61 0.89 0.00	25.69 0.86 0.00	26.60 0.85 0.00	34.08 1.06 0.00	107.43 3.39 0.00	45.74 1.70 0.00																

DANSKAMMER___4 23591	29.72 1.60 0.00	33.88 1.58 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.90 1.14 0.00	34.47 1.45 0.00	108.95 4.90 0.00	46.30 2.26 0.00	48.18 2.29 0.00	40.12 2.00 0.00	32.80 1.64 0.00	29.32 1.39 0.00	27.20 1.32 0.00	28.68 1.48 0.00	30.60 1.71 0.00	33.58 1.86 0.00	39.72 2.19 0.00	42.50 2.27 0.00	41.21 2.12 0.00	40.20 1.99 0.00	40.27 1.97 0.00	35.95 1.60 0.00	30.61 1.29 0.00	26.68 1.07 0.00
DANSKAMMER___DIESEL 23592	29.72 1.60 0.00	33.88 1.58 0.00	25.91 1.18 0.00	26.00 1.17 0.00	26.90 1.14 0.00	34.47 1.45 0.00	108.95 4.91 0.00	46.31 2.27 0.00	48.19 2.30 0.00	40.12 2.00 0.00	32.80 1.64 0.00	29.32 1.40 0.00	27.20 1.32 0.00	28.68 1.48 0.00	30.61 1.71 0.00	33.58 1.86 0.00	39.72 2.20 0.00	42.51 2.27 0.00	41.21 2.13 0.00	40.20 2.00 0.00	40.27 1.97 0.00	35.95 1.60 0.00	30.61 1.29 0.00	26.68 1.07 0.00
DARBY___SOLAR 323810	29.49 1.38 0.00	33.70 1.39 0.00	25.79 1.07 0.00	25.88 1.05 0.00	26.88 1.12 0.00	34.49 1.47 0.00	108.68 4.64 0.00	46.21 2.17 0.00	48.09 2.20 0.00	39.71 1.59 0.00	32.40 1.24 0.00	28.93 1.00 0.00	26.67 0.78 0.00	28.01 0.81 0.00	29.88 0.98 0.00	32.71 0.99 0.00	38.81 1.29 0.00	41.83 1.59 0.00	40.58 1.49 0.00	39.75 1.55 0.00	39.94 1.64 0.00	35.54 1.18 0.00	30.32 0.99 0.00	26.44 0.82 0.00
DASHVILLE___HYD 23610	29.38 1.26 0.00	33.50 1.19 0.00	25.62 0.90 0.00	25.71 0.88 0.00	26.59 0.84 0.00	34.06 1.04 0.00	107.58 3.54 0.00	45.69 1.65 0.00	47.57 1.68 0.00	39.64 1.53 0.00	32.44 1.28 0.00	29.00 1.08 0.00	26.91 1.03 0.00	28.39 1.19 0.00	30.28 1.39 0.00	33.22 1.49 0.00	39.24 1.71 0.00	41.96 1.72 0.00	40.67 1.59 0.00	39.68 1.47 0.00	39.75 1.45 0.00	35.52 1.16 0.00	30.25 0.93 0.00	26.38 0.77 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.59 2.48 0.00	34.76 2.46 0.00	26.56 1.84 0.00	26.61 1.79 0.00	27.44 1.69 0.00	34.79 1.77 0.00	110.07 6.03 0.00	45.21 1.96 0.78	35.48 2.15 12.56	40.43 2.32 0.00	33.40 2.24 0.00	30.02 2.10 0.00	27.62 1.74 0.00	29.11 1.91 0.00	31.15 2.26 0.00	34.06 2.34 0.00	39.72 2.53 0.33	42.80 2.57 0.00	40.09 2.36 1.35	40.41 2.20 0.00	40.52 2.22 0.00	30.36 1.76 5.76	30.95 1.63 0.00	27.19 1.58 0.00
DELAWARE___LFGE 323621	28.88 0.76 0.00	33.09 0.79 0.00	25.32 0.59 0.00	25.43 0.60 0.00	26.36 0.61 0.00	33.84 0.82 0.00	106.80 2.76 0.00	45.35 1.31 0.00	47.18 1.29 0.00	39.28 1.17 0.00	32.06 0.90 0.00	28.71 0.78 0.00	26.71 0.83 0.00	28.10 0.91 0.00	29.82 0.92 0.00	32.67 0.94 0.00	38.50 0.98 0.00	41.30 1.06 0.00	40.10 1.01 0.00	39.17 0.96 0.00	39.30 1.00 0.00	35.17 0.82 0.00	29.95 0.62 0.00	26.14 0.52 0.00
DERFIELD_115KV_TB7 355931	28.20 0.09 0.00	32.35 0.04 0.00	24.75 0.02 0.00	24.86 0.03 0.00	25.78 0.03 0.00	33.06 0.04 0.00	105.33 0.18 -1.11	52.00 0.08 -7.88	49.91 0.07 -3.95	38.18 0.06 0.00	31.20 0.04 0.00	27.94 0.02 0.00	25.88 0.00 0.00	27.21 0.01 0.00	28.92 0.03 0.00	31.73 0.02 0.00	37.54 0.02 0.00	40.30 0.06 0.00	39.14 0.06 0.00	38.28 0.07 0.00	38.36 0.07 0.00	34.36 0.00 0.00	29.32 0.00 0.00	25.60 -0.01 0.00
DOGLEVILLE___HYD 23807	28.24 0.12 0.00	32.01 -0.29 0.00	24.54 -0.19 0.00	24.60 -0.23 0.00	25.58 -0.17 0.00	32.92 -0.10 0.00	104.97 -0.18 -1.11	52.04 0.12 -7.88	49.62 -0.23 -3.95	37.44 -0.67 0.00	30.67 -0.49 0.00	27.24 -0.68 0.00	25.02 -0.87 0.00	26.28 -0.91 0.00	28.09 -0.80 0.00	30.84 -0.88 0.00	36.75 -0.77 0.00	39.98 -0.26 0.00	39.06 -0.03 0.00	38.22 0.01 0.00	38.47 0.17 0.00	34.25 -0.10 0.00	29.10 -0.23 0.00	25.36 -0.26 0.00
DUNKIRK___115KV_TB_200 55889	27.07 -1.05 0.00	31.68 -0.63 0.00	24.25 -0.48 0.00	24.49 -0.34 0.00	25.36 -0.39 0.00	32.72 -0.30 0.00	102.77 -1.27 0.00	44.17 0.13 0.00	45.86 -0.03 0.00	38.22 0.10 0.00	31.24 0.08 0.00	28.15 0.23 0.00	26.33 0.44 0.00	27.51 0.32 0.00	28.90 0.01 0.00	31.73 0.01 0.00	37.01 -0.52 0.00	39.54 -0.70 0.00	38.69 -0.40 0.00	37.93 -0.28 0.00	37.84 -0.46 0.00	34.08 -0.27 0.00	28.72 -0.60 0.00	25.29 -0.33 0.00
DUNKIRK___1 23563	27.07 -1.05 0.00	31.68 -0.63 0.00	24.25 -0.48 0.00	24.49 -0.34 0.00	25.36 -0.39 0.00	32.72 -0.30 0.00	102.77 -1.27 0.00	44.17 0.13 0.00	45.86 -0.03 0.00	38.22 0.10 0.00	31.24 0.08 0.00	28.15 0.23 0.00	26.33 0.44 0.00	27.51 0.32 0.00	28.90 0.01 0.00	31.73 0.01 0.00	37.01 -0.52 0.00	39.54 -0.70 0.00	38.69 -0.40 0.00	37.93 -0.28 0.00	37.84 -0.46 0.00	34.08 -0.27 0.00	28.72 -0.60 0.00	25.29 -0.33 0.00
DUNKIRK___2 23564	27.07 -1.05 0.00	31.68 -0.63 0.00	24.25 -0.48 0.00	24.49 -0.34 0.00	25.36 -0.39 0.00	32.72 -0.30 0.00	102.77 -1.27 0.00	44.17 0.13 0.00	45.86 -0.03 0.00	38.22 0.10 0.00	31.24 0.08 0.00	28.15 0.23 0.00	26.33 0.44 0.00	27.51 0.32 0.00	28.90 0.01 0.00	31.73 0.01 0.00	37.01 -0.52 0.00	39.54 -0.70 0.00	38.69 -0.40 0.00	37.93 -0.28 0.00	37.84 -0.46 0.00	34.08 -0.27 0.00	28.72 -0.60 0.00	25.29 -0.33 0.00
DUNKIRK___3 23565	27.00 -1.11 0.00	31.59 -0.71 0.00	24.17 -0.55 0.00	24.40 -0.43 0.00	25.27 -0.48 0.00	32.57 -0.45 0.00	102.25 -1.79 0.00	43.93 -0.11 0.00	45.63 -0.26 0.00	38.02 -0.09 0.00	31.08 -0.07 0.00	27.98 0.06 0.00	26.19 0.30 0.00	27.37 0.17 0.00	28.77 -0.13 0.00	31.58 -0.13 0.00	36.84 -0.68 0.00	39.35 -0.89 0.00	38.47 -0.62 0.00	37.70 -0.50 0.00	37.62 -0.68 0.00	33.89 -0.47 0.00	28.56 -0.76 0.00	25.15 -0.46 0.00
DUNKIRK___4 23566	27.00 -1.11 0.00	31.59 -0.71 0.00	24.17 -0.55 0.00	24.40 -0.43 0.00	25.27 -0.48 0.00	32.57 -0.45 0.00	102.25 -1.79 0.00	43.93 -0.11 0.00	45.63 -0.26 0.00	38.02 -0.09 0.00	31.08 -0.07 0.00	27.98 0.06 0.00	26.19 0.30 0.00	27.37 0.17 0.00	28.77 -0.13 0.00	31.58 -0.13 0.00	36.84 -0.68 0.00	39.35 -0.89 0.00	38.47 -0.62 0.00	37.70 -0.50 0.00	37.62 -0.68 0.00	33.89 -0.47 0.00	28.56 -0.76 0.00	25.15 -0.46 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.65 1.54 0.00	33.78 1.48 0.00	25.83 1.10 0.00	25.91 1.08 0.00	26.78 1.03 0.00	34.27 1.25 0.00	108.22 4.18 0.00	45.98 1.95 0.00	47.88 2.00 0.00	39.99 1.88 0.00	32.76 1.60 0.00	29.33 1.41 0.00	27.22 1.34 0.00	28.70 1.51 0.00	30.62 1.73 0.00	33.55 1.83 0.00	39.60 2.07 0.00	42.25 2.01 0.00	40.90 1.82 0.00	39.85 1.65 0.00	39.95 1.65 0.00	35.74 1.39 0.00	30.46 1.14 0.00	26.57 0.96 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.53 1.42 0.00	33.69 1.38 0.00	25.77 1.04 0.00	25.86 1.03 0.00	26.75 0.99 0.00	34.28 1.26 0.00	108.32 4.28 0.00	46.03 1.99 0.00	47.86 1.98 0.00	39.84 1.73 0.00	32.56 1.40 0.00	29.11 1.18 0.00	27.02 1.14 0.00	28.48 1.28 0.00	30.38 1.49 0.00	33.34 1.61 0.00	39.43 1.90 0.00	42.21 1.97 0.00	40.95 1.87 0.00	39.91 1.70 0.00	39.97 1.66 0.00	35.69 1.34 0.00	30.40 1.08 0.00	26.51 0.89 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.70 1.59 0.00	33.90 1.60 0.00	25.99 1.27 0.00	26.04 1.21 0.00	26.88 1.13 0.00	34.44 1.43 0.00	108.65 4.61 0.00	46.09 2.06 0.00	48.00 2.12 0.00	40.11 2.00 0.00	32.81 1.66 0.00	29.42 1.50 0.00	27.26 1.38 0.00	28.77 1.57 0.00	30.67 1.77 0.00	33.58 1.86 0.00	39.64 2.11 0.00	42.24 2.01 0.00	40.94 1.86 0.00	39.93 1.73 0.00	40.06 1.76 0.00	35.88 1.53 0.00	30.51 1.19 0.00	26.64 1.03 0.00
E179THST_13_KV_LOAD 356214	29.82 1.70 0.00	34.04 1.73 0.00	26.09 1.37 0.00	26.14 1.31 0.00	26.98 1.23 0.00	34.58 1.56 0.00	109.09 5.05 0.00	46.31 2.28 0.00	48.23 2.34 0.00	40.29 2.18 0.00	32.96 1.80 0.00	29.55 1.63 0.00	27.38 1.50 0.00	28.91 1.71 0.00	30.81 1.91 0.00	33.74 2.02 0.00	39.82 2.29 0.00	42.45 2.21 0.00	41.14 2.05 0.00	40.13 1.92 0.00	40.24 1.94 0.00	36.04 1.69 0.00	30.64 1.32 0.00	26.75 1.13 0.00
EAST HAMPTON___GT 23717	30.86 2.74 0.00	35.07 2.77 0.00	26.79 2.07 0.00	26.86 2.04 0.00	27.70 1.95 0.00	35.14 2.12 0.00	111.22 7.18 0.00	45.71 2.46 0.78	36.01 2.68 12.56	40.87 2.76 0.00	33.77 2.61 0.00	30.32 2.40 0.00	27.88 2.00 0.00	29.40 2.20 0.00	31.46 2.57 0.00	34.43 2.72 0.00	40.16 2.97 0.33	43.29 3.06 0.00	40.60 2.87 1.35	40.91 2.71 0.00	41.00 2.70 0.00	30.77 2.16 5.76	31.27 1.95 0.00	27.45 1.84 0.00
EAST RIVER___6 23660	29.82 1.70 0.00	33.96 1.66 0.00	25.99 1.27 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.42 1.40 0.00	108.72 4.68 0.00	46.24 2.20 0.00	48.17 2.28 0.00	40.30 2.18 0.00	33.03 1.87 0.00	29.58 1.65 0.00	27.46 1.58 0.00	28.97 1.77 0.00	30.91 2.01 0.00	33.86 2.14 0.00	39.95 2.42 0.00	42.55 2.31 0.00	41.17 2.08 0.00	40.07 1.87 0.00	40.16 1.86 0.00	35.97 1.61 0.00	30.62 1.30 0.00	26.71 1.10 0.00
EAST RIVER___7 23524	29.82 1.70 0.00	33.96 1.66 0.00	25.99 1.27 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.42 1.40 0.00	108.72 4.68 0.00	46.24 2.20 0.00	48.17 2.28 0.00	40.30 2.18 0.00	33.03 1.87 0.00	29.58 1.65 0.00	27.46 1.58 0.00	28.97 1.77 0.00	30.91 2.01 0.00	33.86 2.14 0.00	39.95 2.42 0.00	42.55 2.31 0.00	41.17 2.08 0.00	40.07 1.87 0.00	40.16 1.86 0.00	35.97 1.61 0.00	30.62 1.30 0.00	26.71 1.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.60 1.49 0.00	33.74 1.43 0.00	25.80 1.08 0.00	25.89 1.06 0.00	26.76 1.00 0.00	34.24 1.23 0.00	108.16 4.12 0.00	45.94 1.90 0.00	47.83 1.94 0.00	39.92 1.80 0.00	32.69 1.53 0.00	29.27 1.34 0.00	27.16 1.28 0.00	28.64 1.44 0.00	30.56 1.66 0.00	33.48 1.76 0.00	39.52 1.99 0.00	42.18 1.94 0.00	40.85 1.77 0.00	39.81 1.60 0.00	39.91 1.61 0.00	35.70 1.34 0.00	30.42 1.10 0.00	26.54 0.92 0.00
EAST_HAMPTON___DIESEL 23722	30.86 2.75 0.00	35.07 2.77 0.00	26.80 2.08 0.00	26.87 2.04 0.00	27.71 1.96 0.00	35.14 2.12 0.00	111.24 7.20 0.00	45.73 2.47 0.78	36.02 2.69 12.56	40.89 2.77 0.00	33.78 2.62 0.00	30.33 2.40 0.00	27.89 2.01 0.00	29.40 2.20 0.00	31.46 2.57 0.00	34.44 2.72 0.00	40.17 2.98 0.33	43.30 3.06 0.00	40.61 2.87 1.35	40.93 2.72 0.00	41.01 2.71 0.00	30.77 2.17 5.76	31.28 1.95 0.00	27.46 1.85 0.00
EAST_POINT___SOLAR 323840	29.90 1.79 0.00	34.30 2.00 0.00	26.27 1.55 0.00	26.40 1.57 0.00	27.44 1.69 0.00	35.37 2.35 0.00	112.00 7.96 0.00	47.64 3.60 0.00	49.15 3.26 0.00	40.19 2.07 0.00	32.77 1.61 0.00	29.14 1.21 0.00	26.56 0.68 0.00	28.35 1.15 0.00	30.31 1.42 0.00	33.28 1.56 0.00	39.53 2.01 0.00	43.00 2.76 0.00	42.15 3.06 0.00	41.24 3.03 0.00	41.35 3.05 0.00	37.01 2.65 0.00	31.45 2.13 0.00	27.43 1.81 0.00
EAST_PULASKI___ESR 323781	27.42 -0.69 0.00	31.65 -0.66 0.00	24.23 -0.49 0.00	24.40 -0.43 0.00	25.37 -0.39 0.00	32.53 -0.49 0.00	107.45 -1.52 -4.93	78.65 -0.52 -35.13	63.09 -0.60 -17.80	37.58 -0.53 0.00	30.68 -0.48 0.00	27.49 -0.43 0.00	25.41 -0.48 0.00	26.60 -0.59 0.00	28.21 -0.68 0.00	31.06 -0.66 0.00	36.88 -0.65 0.00	39.82 -0.42 0.00	38.87 -0.21 0.00	37.99 -0.22 0.00	38.04 -0.26 0.00	34.02 -0.34 0.00	28.98 -0.35 0.00	25.28 -0.34 0.00
EAST_RIVER___1 323558	29.78 1.66 0.00	33.92 1.62 0.00	25.96 1.23 0.00	26.05 1.22 0.00	26.89 1.14 0.00	34.39 1.37 0.00	108.60 4.56 0.00	46.15 2.11 0.00	48.06 2.18 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.57 0.00	27.39 1.51 0.00	28.88 1.68 0.00	30.82 1.92 0.00	33.75 2.03 0.00	39.82 2.30 0.00	42.45 2.21 0.00	41.08 2.00 0.00	40.01 1.80 0.00	40.10 1.80 0.00	35.91 1.55 0.00	30.59 1.26 0.00	26.69 1.07 0.00
EAST_RIVER___2 323559	29.82 1.70 0.00	33.96 1.66 0.00	25.99 1.27 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.42 1.40 0.00	108.72 4.68 0.00	46.24 2.20 0.00	48.17 2.28 0.00	40.30 2.18 0.00	33.03 1.87 0.00	29.58 1.65 0.00	27.46 1.58 0.00	28.97 1.77 0.00	30.91 2.01 0.00	33.86 2.14 0.00	39.95 2.42 0.00	42.55 2.31 0.00	41.17 2.08 0.00	40.07 1.87 0.00	40.16 1.86 0.00	35.97 1.61 0.00	30.62 1.30 0.00	26.71 1.10 0.00
EAST___DELAWARE_HYD 23607	29.71 1.59 0.00	33.91 1.61 0.00	25.92 1.20 0.00	26.02 1.19 0.00	26.93 1.17 0.00	34.55 1.53 0.00	109.22 5.18 0.00	46.44 2.41 0.00	48.27 2.38 0.00	40.08 1.96 0.00	32.69 1.53 0.00	29.20 1.27 0.00	27.10 1.22 0.00	28.56 1.37 0.00	30.50 1.60 0.00	33.52 1.80 0.00	39.69 2.16 0.00	42.66 2.42 0.00	41.49 2.40 0.00	40.33 2.12 0.00	40.37 2.06 0.00	36.07 1.72 0.00	30.71 1.39 0.00	26.76 1.15 0.00
EIGHT_POINT___WT_PWR 323820	26.95 -1.16 0.00	31.39 -0.91 0.00	23.99 -0.74 0.00	24.02 -0.80 0.00	24.73 -1.03 0.00	31.86 -1.16 0.00	101.37 -2.67 0.00	43.67 -0.37 0.00	45.13 -0.76 0.00	37.54 -0.57 0.00	30.32 -0.84 0.00	27.50 -0.42 0.00	25.93 0.04 0.00	26.97 -0.23 0.00	28.22 -0.67 0.00	31.05 -0.67 0.00	36.67 -0.86 0.00	39.51 -0.73 0.00	38.74 -0.35 0.00	37.99 -0.22 0.00	38.10 -0.20 0.00	34.39 0.04 0.00	29.06 -0.27 0.00	25.54 -0.07 0.00
ELBRIDGE_115KV_TB2 80188	27.51 -0.61 0.00	31.64 -0.67 0.00	24.21 -0.52 0.00	24.33 -0.50 0.00	25.20 -0.56 0.00	32.32 -0.69 0.00	103.29 -2.00 -1.25	52.23 -0.80 -8.99	49.59 -0.93 -4.64	37.36 -0.76 0.00	30.46 -0.70 0.00	27.33 -0.60 0.00	25.32 -0.56 0.00	26.53 -0.67 0.00	28.12 -0.77 0.00	31.00 -0.72 0.00	36.83 -0.69 0.00	39.56 -0.67 0.00	38.54 -0.54 0.00	37.67 -0.54 0.00	37.65 -0.65 0.00	33.71 -0.65 0.00	28.72 -0.60 0.00	25.11 -0.51 0.00
ELEC_TRO_TEK 24086	29.81 1.70 0.00	33.92 1.61 0.00	25.90 1.17 0.00	25.97 1.14 0.00	26.81 1.06 0.00	34.21 1.20 0.00	107.89 3.85 0.00	45.59 1.55 0.00	44.25 1.62 3.25	39.79 1.68 0.00	32.77 1.61 0.00	29.42 1.49 0.00	27.24 1.36 0.00	28.72 1.52 0.00	30.64 1.75 0.00	33.51 1.79 0.00	39.33 1.89 0.09	42.06 1.82 0.00	40.57 1.59 0.10	39.64 1.43 0.00	39.77 1.47 0.00	33.98 1.16 1.53	30.41 1.08 0.00	26.62 1.01 0.00

ELLENBURG_WT_PWR 323604	28.30 0.19 0.00	32.87 0.57 0.00	25.21 0.49 0.00	25.17 0.34 0.00	26.33 0.58 0.00	33.74 0.73 0.00	106.33 2.29 0.00	252.83 1.23 -207.56	156.01 1.54 -108.59	39.02 0.91 0.00	32.13 0.98 0.00	28.91 0.99 0.00	26.66 0.77 0.00	28.04 0.85 0.00	29.77 0.87 0.00	32.60 0.88 0.00	38.45 0.93 0.00	41.11 0.87 0.00	39.66 0.57 0.00	38.59 0.38 0.00	38.92 0.62 0.00	34.91 0.55 0.00	29.99 0.66 0.00	26.38 0.76 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.72 -1.40 0.00	31.25 -1.05 0.00	23.88 -0.84 0.00	24.11 -0.72 0.00	24.94 -0.81 0.00	32.12 -0.90 0.00	100.45 -3.60 0.00	43.08 -0.96 0.00	44.85 -1.04 0.00	37.40 -0.71 0.00	30.60 -0.56 0.00	27.53 -0.40 0.00	25.76 -0.12 0.00	26.93 -0.27 0.00	28.35 -0.54 0.00	31.15 -0.57 0.00	36.32 -1.21 0.00	38.71 -1.52 0.00	37.78 -1.31 0.00	36.99 -1.22 0.00	36.88 -1.42 0.00	33.26 -1.10 0.00	28.05 -1.27 0.00	24.73 -0.88 0.00
EMPIRE_CC_1 323656	29.15 1.04 0.00	33.26 0.95 0.00	25.47 0.75 0.00	25.53 0.70 0.00	26.52 0.77 0.00	33.94 0.92 0.00	106.90 2.86 0.00	45.36 1.32 0.00	47.33 1.44 0.00	39.21 1.10 0.00	32.04 0.88 0.00	28.60 0.68 0.00	26.47 0.59 0.00	27.89 0.70 0.00	29.82 0.93 0.00	32.67 0.95 0.00	38.59 1.06 0.00	41.37 1.13 0.00	40.10 1.01 0.00	39.29 1.09 0.00	39.48 1.18 0.00	35.14 0.79 0.00	29.95 0.63 0.00	26.12 0.51 0.00
EMPIRE_CC_2 323658	29.15 1.04 0.00	33.26 0.95 0.00	25.47 0.75 0.00	25.53 0.70 0.00	26.52 0.77 0.00	33.94 0.92 0.00	106.90 2.86 0.00	45.36 1.32 0.00	47.33 1.44 0.00	39.21 1.10 0.00	32.04 0.88 0.00	28.60 0.68 0.00	26.47 0.59 0.00	27.89 0.70 0.00	29.82 0.93 0.00	32.67 0.95 0.00	38.59 1.06 0.00	41.37 1.13 0.00	40.10 1.01 0.00	39.29 1.09 0.00	39.48 1.18 0.00	35.14 0.79 0.00	29.95 0.63 0.00	26.12 0.51 0.00
ENORWICH_115KV_TB1 80156	29.03 0.92 0.00	33.33 1.03 0.00	25.45 0.73 0.00	25.61 0.78 0.00	26.73 0.98 0.00	34.47 1.45 0.00	109.04 5.00 0.00	46.81 2.75 -0.02	48.73 2.80 -0.04	40.16 2.04 0.00	32.75 1.59 0.00	29.09 1.16 0.00	26.92 1.04 0.00	28.16 0.96 0.00	29.62 0.72 0.00	32.42 0.70 0.00	38.91 1.38 0.00	42.27 2.04 0.00	41.45 2.37 0.00	40.95 2.74 0.00	41.01 2.71 0.00	36.62 2.27 0.00	30.97 1.64 0.00	27.01 1.39 0.00
ERIE_ST__34_KV_TB1-2 80199	27.19 -0.93 0.00	31.76 -0.55 0.00	24.25 -0.47 0.00	24.48 -0.35 0.00	25.32 -0.43 0.00	32.62 -0.40 0.00	102.35 -1.69 0.00	44.01 -0.03 0.00	45.75 -0.14 0.00	38.10 -0.02 0.00	31.11 -0.05 0.00	27.96 0.03 0.00	26.20 0.32 0.00	27.40 0.20 0.00	28.82 -0.07 0.00	31.67 -0.05 0.00	36.95 -0.58 0.00	39.42 -0.81 0.00	38.48 -0.61 0.00	37.69 -0.52 0.00	37.60 -0.70 0.00	33.86 -0.49 0.00	28.55 -0.77 0.00	25.12 -0.50 0.00
ERIE_WT_PWR 323693	26.90 -1.22 0.00	31.45 -0.85 0.00	24.03 -0.69 0.00	24.25 -0.58 0.00	25.09 -0.66 0.00	32.33 -0.69 0.00	101.33 -2.71 0.00	43.50 -0.54 0.00	45.24 -0.65 0.00	37.67 -0.44 0.00	30.79 -0.37 0.00	27.71 -0.22 0.00	25.94 0.06 0.00	27.12 -0.08 0.00	28.52 -0.37 0.00	31.35 -0.37 0.00	36.57 -0.96 0.00	39.00 -1.24 0.00	38.07 -1.02 0.00	37.29 -0.91 0.00	37.20 -1.11 0.00	33.55 -0.81 0.00	28.27 -1.06 0.00	24.90 -0.72 0.00
ESPRGFLD_115KV_TB1 80157	29.32 1.21 0.00	33.67 1.37 0.00	25.80 1.08 0.00	25.95 1.12 0.00	26.95 1.20 0.00	34.68 1.67 0.00	109.63 5.59 0.00	46.58 2.54 0.00	48.33 2.44 0.00	40.16 2.04 0.00	32.77 1.61 0.00	29.41 1.48 0.00	27.27 1.39 0.00	28.71 1.51 0.00	30.33 1.43 0.00	33.21 1.49 0.00	39.22 1.70 0.00	42.25 2.01 0.00	41.20 2.12 0.00	40.26 2.05 0.00	40.44 2.14 0.00	36.28 1.92 0.00	30.85 1.53 0.00	26.94 1.33 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.88 -0.23 0.00	32.07 -0.23 0.00	24.51 -0.21 0.00	24.63 -0.19 0.00	25.60 -0.15 0.00	32.89 -0.12 0.00	103.88 -0.16 0.00	44.16 0.07 -0.05	46.04 0.07 -0.09	38.12 0.01 0.00	31.11 -0.05 0.00	27.80 -0.12 0.00	25.69 -0.19 0.00	26.82 -0.38 0.00	28.32 -0.58 0.00	31.31 -0.41 0.00	37.66 0.14 0.00	40.62 0.39 0.00	39.66 0.57 0.00	38.87 0.66 0.00	39.03 0.73 0.00	34.92 0.57 0.00	29.63 0.31 0.00	25.87 0.26 0.00
ETNA____115KV_TB2 80207	27.88 -0.23 0.00	32.07 -0.23 0.00	24.51 -0.21 0.00	24.63 -0.19 0.00	25.60 -0.15 0.00	32.89 -0.12 0.00	103.88 -0.16 0.00	44.16 0.07 -0.05	46.04 0.07 -0.09	38.12 0.01 0.00	31.11 -0.05 0.00	27.80 -0.12 0.00	25.69 -0.19 0.00	26.82 -0.38 0.00	28.32 -0.58 0.00	31.31 -0.41 0.00	37.66 0.14 0.00	40.62 0.39 0.00	39.66 0.57 0.00	38.87 0.66 0.00	39.03 0.73 0.00	34.92 0.57 0.00	29.63 0.31 0.00	25.87 0.26 0.00
EUCLID__115KV_TB2 356179	27.39 -0.73 0.00	31.50 -0.80 0.00	24.09 -0.64 0.00	24.21 -0.62 0.00	25.12 -0.63 0.00	32.23 -0.79 0.00	103.08 -2.52 -1.57	54.15 -1.04 -11.15	50.40 -1.14 -5.65	37.18 -0.93 0.00	30.38 -0.78 0.00	27.22 -0.70 0.00	25.22 -0.66 0.00	26.45 -0.75 0.00	28.05 -0.85 0.00	30.88 -0.85 0.00	36.66 -0.86 0.00	39.35 -0.89 0.00	38.29 -0.79 0.00	37.42 -0.78 0.00	37.46 -0.84 0.00	33.55 -0.81 0.00	28.56 -0.77 0.00	24.95 -0.67 0.00
E_CANADA_CAP_HY 24051	29.66 1.54 0.00	34.08 1.78 0.00	26.13 1.41 0.00	26.27 1.44 0.00	27.31 1.56 0.00	35.15 2.13 0.00	111.02 6.98 0.00	47.10 3.06 0.00	48.75 2.86 0.00	40.24 2.12 0.00	32.84 1.68 0.00	29.46 1.54 0.00	27.15 1.27 0.00	28.65 1.45 0.00	30.34 1.45 0.00	33.24 1.52 0.00	39.41 1.89 0.00	42.61 2.37 0.00	41.63 2.55 0.00	40.70 2.49 0.00	40.84 2.53 0.00	36.69 2.33 0.00	31.23 1.90 0.00	27.29 1.67 0.00
E_CANADA_MHWK_HY 24050	28.24 0.12 0.00	32.01 -0.29 0.00	24.54 -0.19 0.00	24.60 -0.23 0.00	25.58 -0.17 0.00	32.92 -0.10 0.00	104.97 -0.18 -1.11	52.04 0.12 -7.88	49.62 -0.23 -3.95	37.44 -0.67 0.00	30.67 -0.49 0.00	27.24 -0.68 0.00	25.02 -0.87 0.00	26.28 -0.91 0.00	28.09 -0.80 0.00	30.84 -0.88 0.00	36.75 -0.77 0.00	39.98 -0.26 0.00	39.06 -0.03 0.00	38.22 0.01 0.00	38.47 0.17 0.00	34.25 -0.10 0.00	29.10 -0.23 0.00	25.36 -0.26 0.00
E_FISHKILL__LBMP 23776	29.44 1.33 0.00	33.57 1.26 0.00	25.68 0.96 0.00	25.76 0.93 0.00	26.65 0.90 0.00	34.11 1.10 0.00	107.68 3.64 0.00	45.74 1.70 0.00	47.64 1.75 0.00	39.69 1.58 0.00	32.48 1.32 0.00	29.08 1.15 0.00	26.97 1.09 0.00	28.43 1.23 0.00	30.34 1.44 0.00	33.25 1.53 0.00	39.26 1.73 0.00	41.94 1.71 0.00	40.64 1.55 0.00	39.64 1.43 0.00	39.76 1.45 0.00	35.53 1.18 0.00	30.28 0.96 0.00	26.41 0.79 0.00
FALCON____SEABRD_CC1 323796	28.99 0.87 0.00	33.60 1.30 0.00	25.84 1.12 0.00	25.81 0.98 0.00	26.98 1.23 0.00	34.68 1.66 0.00	111.35 5.21 -2.10	258.99 2.68 -212.28	159.52 2.90 -110.73	39.50 1.39 0.00	32.83 1.67 0.00	29.49 1.56 0.00	27.00 1.12 0.00	28.46 1.26 0.00	30.20 1.31 0.00	33.06 1.34 0.00	38.97 1.44 0.00	41.57 1.33 0.00	39.97 0.88 0.00	38.94 0.73 0.00	39.66 1.36 0.00	35.73 1.37 0.00	30.73 1.41 0.00	27.06 1.45 0.00

FALCON___SEABRD_CC2 323797	28.99 0.87 0.00	33.60 1.30 0.00	25.84 1.12 0.00	25.81 0.98 0.00	26.98 1.23 0.00	34.68 1.66 0.00	111.35 5.21 -2.10	258.99 2.68 -212.28	159.52 2.90 -110.73	39.50 1.39 0.00	32.83 1.67 0.00	29.49 1.56 0.00	27.00 1.12 0.00	28.46 1.26 0.00	30.20 1.31 0.00	33.06 1.34 0.00	38.97 1.44 0.00	41.57 1.33 0.00	39.97 0.88 0.00	38.94 0.73 0.00	39.66 1.36 0.00	35.73 1.37 0.00	30.73 1.41 0.00	27.06 1.45 0.00
FAR ROCKAWAY___4 23548	30.29 2.18 0.00	34.30 1.99 0.00	26.00 1.28 0.00	26.06 1.23 0.00	26.92 1.16 0.00	34.37 1.35 0.00	108.44 4.40 0.00	46.97 1.80 -1.14	48.14 1.80 -0.45	39.98 1.86 0.00	32.91 1.75 0.00	29.57 1.64 0.00	27.53 1.64 0.00	29.02 1.82 0.00	30.98 2.08 0.00	33.90 2.18 0.00	39.85 2.37 0.05	42.56 2.33 0.00	42.33 2.09 -1.15	40.14 1.93 0.00	40.26 1.95 0.00	35.13 1.57 0.80	30.75 1.43 0.00	26.91 1.29 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.76 1.64 0.00	33.91 1.61 0.00	25.95 1.23 0.00	26.03 1.20 0.00	26.88 1.13 0.00	34.38 1.36 0.00	108.58 4.54 0.00	46.12 2.08 0.00	48.03 2.15 0.00	40.14 2.03 0.00	32.90 1.74 0.00	29.47 1.55 0.00	27.36 1.47 0.00	28.85 1.65 0.00	30.78 1.88 0.00	33.71 1.99 0.00	39.78 2.25 0.00	42.40 2.16 0.00	41.05 1.97 0.00	39.98 1.77 0.00	40.08 1.78 0.00	35.89 1.53 0.00	30.57 1.25 0.00	26.68 1.06 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.77 1.65 0.00	33.92 1.61 0.00	25.96 1.24 0.00	26.05 1.22 0.00	26.89 1.13 0.00	34.39 1.37 0.00	108.59 4.55 0.00	46.14 2.10 0.00	48.04 2.15 0.00	40.15 2.04 0.00	32.91 1.75 0.00	29.48 1.55 0.00	27.36 1.48 0.00	28.85 1.66 0.00	30.78 1.89 0.00	33.72 2.00 0.00	39.79 2.26 0.00	42.41 2.17 0.00	41.06 1.97 0.00	40.00 1.79 0.00	40.09 1.79 0.00	35.90 1.54 0.00	30.58 1.26 0.00	26.68 1.07 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.74 1.63 0.00	33.90 1.59 0.00	25.94 1.22 0.00	26.02 1.20 0.00	26.87 1.12 0.00	34.37 1.35 0.00	108.51 4.47 0.00	46.10 2.07 0.00	48.01 2.12 0.00	40.14 2.02 0.00	32.89 1.73 0.00	29.46 1.54 0.00	27.35 1.46 0.00	28.84 1.64 0.00	30.76 1.87 0.00	33.70 1.98 0.00	39.77 2.24 0.00	42.38 2.15 0.00	41.04 1.95 0.00	39.96 1.75 0.00	40.05 1.75 0.00	35.88 1.52 0.00	30.56 1.23 0.00	26.66 1.04 0.00
FARRAGUT___LBMP 323566	29.73 1.62 0.00	33.87 1.57 0.00	25.92 1.20 0.00	26.01 1.18 0.00	26.85 1.10 0.00	34.34 1.32 0.00	108.47 4.43 0.00	46.06 2.02 0.00	47.97 2.08 0.00	40.09 1.98 0.00	32.86 1.70 0.00	29.43 1.51 0.00	27.32 1.44 0.00	28.81 1.61 0.00	30.74 1.84 0.00	33.67 1.95 0.00	39.73 2.20 0.00	42.35 2.11 0.00	41.00 1.91 0.00	39.93 1.72 0.00	40.03 1.73 0.00	35.84 1.49 0.00	30.53 1.21 0.00	26.64 1.03 0.00
FENNER___WINDPWR 24204	28.21 0.09 0.00	32.45 0.15 0.00	24.83 0.10 0.00	24.95 0.12 0.00	25.92 0.17 0.00	33.35 0.34 0.00	107.67 1.40 -2.23	60.61 0.68 -15.89	54.59 0.67 -8.03	38.64 0.52 0.00	31.56 0.40 0.00	28.21 0.28 0.00	26.04 0.15 0.00	27.29 0.10 0.00	28.91 0.02 0.00	31.77 0.05 0.00	37.98 0.45 0.00	40.94 0.70 0.00	39.94 0.85 0.00	39.05 0.84 0.00	39.08 0.77 0.00	34.96 0.61 0.00	29.74 0.42 0.00	25.96 0.35 0.00
FIBERTEK___ENERGY 23856	27.65 -0.47 0.00	31.79 -0.51 0.00	24.32 -0.41 0.00	24.43 -0.40 0.00	25.34 -0.41 0.00	32.52 -0.49 0.00	103.97 -1.45 -1.38	53.33 -0.57 -9.86	50.27 -0.69 -5.07	37.56 -0.55 0.00	30.65 -0.51 0.00	27.47 -0.46 0.00	25.45 -0.44 0.00	26.66 -0.54 0.00	28.27 -0.63 0.00	31.14 -0.58 0.00	37.02 -0.50 0.00	39.78 -0.45 0.00	38.76 -0.33 0.00	37.86 -0.35 0.00	37.86 -0.44 0.00	33.90 -0.45 0.00	28.87 -0.45 0.00	25.23 -0.39 0.00
FITZPATRICK____ 23598	27.09 -1.02 0.00	31.15 -1.15 0.00	23.84 -0.89 0.00	23.95 -0.88 0.00	24.85 -0.91 0.00	31.85 -1.17 0.00	100.26 -3.78 0.00	42.04 -1.61 0.39	43.36 -1.75 0.78	36.66 -1.45 0.00	29.97 -1.19 0.00	26.87 -1.05 0.00	24.90 -0.98 0.00	26.13 -1.07 0.00	27.72 -1.17 0.00	30.47 -1.25 0.00	36.13 -1.40 0.00	38.78 -1.46 0.00	37.74 -1.35 0.00	36.87 -1.34 0.00	36.92 -1.38 0.00	33.07 -1.28 0.00	28.17 -1.15 0.00	24.62 -0.99 0.00
FLOWRFLD_69_KV_BK1 356044	30.13 2.01 0.00	34.25 1.94 0.00	26.16 1.43 0.00	26.20 1.38 0.00	27.00 1.25 0.00	34.27 1.25 0.00	108.10 4.06 0.00	44.53 1.27 0.78	34.66 1.28 12.51	39.76 1.65 0.00	32.90 1.74 0.00	29.63 1.70 0.00	27.30 1.42 0.00	28.75 1.55 0.00	30.68 1.79 0.00	33.48 1.77 0.00	38.99 1.80 0.33	42.01 1.77 0.00	39.22 1.48 1.35	39.55 1.34 0.00	39.76 1.46 0.00	29.71 1.09 5.73	30.44 1.12 0.00	26.78 1.16 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.77 1.65 0.00	33.94 1.64 0.00	25.95 1.23 0.00	26.04 1.21 0.00	26.94 1.19 0.00	34.53 1.51 0.00	109.13 5.09 0.00	46.39 2.35 0.00	48.27 2.38 0.00	40.19 2.07 0.00	32.85 1.70 0.00	29.38 1.45 0.00	27.25 1.37 0.00	28.73 1.53 0.00	30.67 1.77 0.00	33.65 1.93 0.00	39.80 2.27 0.00	42.59 2.35 0.00	41.29 2.21 0.00	40.28 2.07 0.00	40.35 2.05 0.00	36.02 1.67 0.00	30.66 1.34 0.00	26.72 1.11 0.00
FORT ORANGE____ 23900	28.88 0.77 0.00	32.96 0.65 0.00	25.22 0.50 0.00	25.29 0.46 0.00	26.26 0.50 0.00	33.65 0.63 0.00	106.21 2.17 0.00	45.06 1.03 0.00	46.96 1.07 0.00	38.91 0.80 0.00	31.78 0.62 0.00	28.33 0.41 0.00	26.19 0.31 0.00	27.56 0.36 0.00	29.43 0.54 0.00	32.26 0.54 0.00	38.26 0.73 0.00	41.14 0.90 0.00	39.95 0.87 0.00	39.12 0.91 0.00	39.24 0.94 0.00	34.92 0.56 0.00	29.72 0.40 0.00	25.90 0.29 0.00
FORT_DRUM_COGEN 23780	28.12 0.01 0.00	32.55 0.25 0.00	24.97 0.25 0.00	25.28 0.45 0.00	26.40 0.65 0.00	33.86 0.85 0.00	122.19 3.27 -14.88	151.39 1.70 -105.65	100.76 1.79 -53.08	39.44 1.33 0.00	32.18 1.02 0.00	28.79 0.87 0.00	26.49 0.61 0.00	27.63 0.44 0.00	29.23 0.33 0.00	32.17 0.46 0.00	38.34 0.81 0.00	41.87 1.63 0.00	41.14 2.05 0.00	40.21 2.01 0.00	40.13 1.83 0.00	35.81 1.45 0.00	30.47 1.15 0.00	26.54 0.93 0.00
FOX_HILLS___ESR 323835	29.84 1.72 0.00	33.99 1.69 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.44 1.42 0.00	108.21 4.17 0.00	45.85 1.81 0.00	47.77 1.89 0.00	40.14 2.03 0.00	32.92 1.76 0.00	29.47 1.54 0.00	27.30 1.42 0.00	28.81 1.62 0.00	30.73 1.84 0.00	33.66 1.94 0.00	39.70 2.18 0.00	42.23 1.99 0.00	40.95 1.86 0.00	39.98 1.77 0.00	40.17 1.87 0.00	36.04 1.68 0.00	30.64 1.32 0.00	26.73 1.12 0.00
FPL FAR_ROCK_GT1 24212	30.29 2.18 0.00	34.29 1.99 0.00	26.00 1.27 0.00	26.06 1.23 0.00	26.92 1.16 0.00	34.37 1.35 0.00	108.44 4.40 0.00	46.96 1.79 -1.14	48.14 1.80 -0.45	39.98 1.87 0.00	32.91 1.75 0.00	29.57 1.64 0.00	27.53 1.64 0.00	29.02 1.82 0.00	30.97 2.08 0.00	33.90 2.18 0.00	39.85 2.37 0.05	42.56 2.33 0.00	42.32 2.08 -1.15	40.14 1.93 0.00	40.26 1.95 0.00	35.13 1.57 0.80	30.75 1.42 0.00	26.91 1.30 0.00

FPL FAR_ROCK_GT2 23815	30.29 2.18 0.00	34.29 1.99 0.00	26.00 1.27 0.00	26.06 1.23 0.00	26.92 1.16 0.00	34.37 1.35 0.00	108.44 4.40 0.00	46.96 1.79 -1.14	48.14 1.80 -0.45	39.98 1.87 0.00	32.91 1.75 0.00	29.57 1.64 0.00	27.53 1.64 0.00	29.02 1.82 0.00	30.97 2.08 0.00	33.90 2.18 0.00	39.85 2.37 0.05	42.56 2.33 0.00	42.32 2.08 -1.15	40.14 1.93 0.00	40.26 1.95 0.00	35.13 1.57 0.80	30.75 1.42 0.00	26.91 1.30 0.00
FRANKLIN_FALL_HYD 24054	28.64 0.53 0.00	33.27 0.97 0.00	25.50 0.78 0.00	25.51 0.68 0.00	26.64 0.89 0.00	34.16 1.14 0.00	126.20 3.82 -18.33	312.41 1.81 -266.56	184.74 2.21 -136.64	39.59 1.47 0.00	32.52 1.36 0.00	29.30 1.37 0.00	27.03 1.15 0.00	28.42 1.22 0.00	30.15 1.26 0.00	33.04 1.32 0.00	38.99 1.47 0.00	41.70 1.46 0.00	40.38 1.30 0.00	39.37 1.17 0.00	39.62 1.32 0.00	35.53 1.18 0.00	30.46 1.14 0.00	26.73 1.11 0.00
FREEPORT_EQUUS_GT1 23764	29.98 1.86 0.00	34.08 1.78 0.00	26.02 1.29 0.00	26.08 1.25 0.00	26.91 1.16 0.00	34.31 1.29 0.00	108.21 4.17 0.00	45.66 1.62 0.00	40.95 1.68 6.62	39.88 1.77 0.00	32.90 1.74 0.00	29.53 1.61 0.00	27.32 1.44 0.00	28.81 1.61 0.00	30.73 1.84 0.00	33.60 1.88 0.00	39.32 1.99 0.19	42.18 1.95 0.00	40.58 1.71 0.22	39.80 1.59 0.00	39.91 1.61 0.00	32.29 1.27 3.33	30.52 1.20 0.00	26.73 1.11 0.00
FREEPORT___CT2 23818	29.98 1.86 0.00	34.08 1.78 0.00	26.02 1.29 0.00	26.08 1.25 0.00	26.91 1.16 0.00	34.31 1.29 0.00	108.21 4.17 0.00	45.66 1.62 0.00	40.95 1.68 6.62	39.88 1.77 0.00	32.90 1.74 0.00	29.53 1.61 0.00	27.32 1.44 0.00	28.81 1.61 0.00	30.73 1.84 0.00	33.60 1.88 0.00	39.32 1.99 0.19	42.18 1.95 0.00	40.58 1.71 0.22	39.80 1.59 0.00	39.91 1.61 0.00	32.29 1.27 3.33	30.52 1.20 0.00	26.73 1.11 0.00
FRESHKLS_33_KV_LOAD 356253	29.88 1.76 0.00	34.04 1.74 0.00	26.05 1.33 0.00	26.13 1.30 0.00	26.97 1.22 0.00	34.49 1.47 0.00	108.15 4.10 0.00	45.80 1.76 0.00	47.74 1.85 0.00	40.17 2.06 0.00	32.95 1.79 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.81 1.61 0.00	30.73 1.84 0.00	33.66 1.94 0.00	39.71 2.19 0.00	42.22 1.98 0.00	40.96 1.88 0.00	40.02 1.81 0.00	40.22 1.92 0.00	36.10 1.74 0.00	30.68 1.36 0.00	26.77 1.15 0.00
FULTON COGEN____ 23766	27.33 -0.79 0.00	31.41 -0.89 0.00	24.03 -0.69 0.00	24.15 -0.68 0.00	25.07 -0.69 0.00	32.16 -0.86 0.00	103.17 -2.75 -1.88	56.39 -1.14 -13.49	51.61 -1.25 -6.97	37.08 -1.04 0.00	30.28 -0.88 0.00	27.14 -0.79 0.00	25.13 -0.75 0.00	26.36 -0.84 0.00	27.95 -0.94 0.00	30.78 -0.94 0.00	36.50 -1.02 0.00	39.22 -1.01 0.00	38.23 -0.85 0.00	37.36 -0.85 0.00	37.41 -0.89 0.00	33.49 -0.87 0.00	28.50 -0.82 0.00	24.86 -0.75 0.00
FULTON___LFGE 323630	29.73 1.62 0.00	34.09 1.79 0.00	26.11 1.38 0.00	26.22 1.39 0.00	27.24 1.49 0.00	35.06 2.04 0.00	110.95 6.91 0.00	47.14 3.10 0.00	48.56 2.67 0.00	39.58 1.47 0.00	32.21 1.05 0.00	28.88 0.95 0.00	26.55 0.67 0.00	28.00 0.80 0.00	29.71 0.81 0.00	32.58 0.86 0.00	38.93 1.40 0.00	42.58 2.34 0.00	41.71 2.62 0.00	40.81 2.61 0.00	40.93 2.63 0.00	36.61 2.25 0.00	31.13 1.80 0.00	27.14 1.53 0.00
G.F.CEMENT___DRP 24184	29.68 1.56 0.00	33.90 1.59 0.00	25.97 1.25 0.00	26.05 1.22 0.00	27.08 1.33 0.00	34.78 1.76 0.00	109.54 5.50 0.00	46.69 2.65 0.00	48.55 2.67 0.00	39.96 1.84 0.00	32.60 1.44 0.00	29.11 1.18 0.00	26.83 0.95 0.00	28.21 1.02 0.00	30.10 1.20 0.00	32.85 1.13 0.00	38.93 1.41 0.00	41.97 1.73 0.00	40.68 1.60 0.00	39.90 1.70 0.00	40.10 1.79 0.00	35.64 1.28 0.00	30.46 1.14 0.00	26.56 0.94 0.00
GARDENVILLE___LBMP 24039	26.82 -1.30 0.00	31.36 -0.94 0.00	23.97 -0.76 0.00	24.19 -0.64 0.00	25.03 -0.72 0.00	32.23 -0.79 0.00	101.03 -3.01 0.00	43.36 -0.67 0.00	45.10 -0.79 0.00	37.56 -0.55 0.00	30.71 -0.45 0.00	27.63 -0.29 0.00	25.87 -0.02 0.00	27.04 -0.16 0.00	28.45 -0.45 0.00	31.26 -0.46 0.00	36.45 -1.07 0.00	38.90 -1.34 0.00	37.96 -1.13 0.00	37.18 -1.02 0.00	37.09 -1.21 0.00	33.43 -0.92 0.00	28.19 -1.13 0.00	24.85 -0.76 0.00
GARDNVLA_35_KV_LD 355827	26.92 -1.20 0.00	31.47 -0.84 0.00	24.05 -0.68 0.00	24.26 -0.57 0.00	25.11 -0.64 0.00	32.34 -0.68 0.00	101.41 -2.63 0.00	43.52 -0.52 0.00	45.27 -0.62 0.00	37.71 -0.40 0.00	30.83 -0.33 0.00	27.73 -0.19 0.00	25.97 0.09 0.00	27.15 -0.05 0.00	28.56 -0.33 0.00	31.38 -0.34 0.00	36.59 -0.94 0.00	39.04 -1.20 0.00	38.10 -0.99 0.00	37.32 -0.89 0.00	37.23 -1.08 0.00	33.55 -0.81 0.00	28.28 -1.04 0.00	24.93 -0.69 0.00
GELCKHM___115KV_LOAD 80723	27.48 -0.64 0.00	31.61 -0.70 0.00	24.18 -0.54 0.00	24.30 -0.53 0.00	25.21 -0.54 0.00	32.35 -0.67 0.00	103.44 -2.08 -1.48	53.75 -0.85 -10.56	50.31 -0.95 -5.38	37.34 -0.78 0.00	30.49 -0.67 0.00	27.33 -0.60 0.00	25.32 -0.56 0.00	26.54 -0.66 0.00	28.14 -0.75 0.00	30.99 -0.73 0.00	36.80 -0.72 0.00	39.52 -0.71 0.00	38.48 -0.61 0.00	37.59 -0.62 0.00	37.63 -0.67 0.00	33.69 -0.67 0.00	28.68 -0.65 0.00	25.07 -0.55 0.00
GENERAL___MILLS 23808	26.89 -1.23 0.00	31.43 -0.87 0.00	24.02 -0.70 0.00	24.24 -0.59 0.00	25.08 -0.67 0.00	32.31 -0.71 0.00	101.30 -2.74 0.00	43.47 -0.57 0.00	45.20 -0.69 0.00	37.66 -0.46 0.00	30.79 -0.37 0.00	27.70 -0.23 0.00	25.93 0.05 0.00	27.10 -0.10 0.00	28.51 -0.38 0.00	31.34 -0.38 0.00	36.54 -0.98 0.00	38.98 -1.25 0.00	38.04 -1.05 0.00	37.27 -0.93 0.00	37.17 -1.14 0.00	33.50 -0.86 0.00	28.25 -1.07 0.00	24.90 -0.72 0.00
GE_PLASTICS___DRP 24183	28.83 0.72 0.00	32.92 0.61 0.00	25.19 0.47 0.00	25.27 0.44 0.00	26.23 0.47 0.00	33.60 0.58 0.00	106.00 1.96 0.00	44.94 0.90 0.00	46.82 0.94 0.00	38.84 0.73 0.00	31.74 0.58 0.00	28.33 0.40 0.00	26.21 0.33 0.00	27.60 0.40 0.00	29.46 0.56 0.00	32.29 0.57 0.00	38.25 0.72 0.00	41.05 0.81 0.00	39.83 0.74 0.00	38.99 0.78 0.00	39.12 0.82 0.00	34.83 0.48 0.00	29.66 0.34 0.00	25.87 0.25 0.00
GILBOA___1 23756	28.86 0.75 0.00	33.00 0.69 0.00	25.25 0.53 0.00	25.34 0.51 0.00	26.26 0.51 0.00	33.64 0.62 0.00	106.09 2.05 0.00	44.78 0.75 0.00	46.66 0.77 0.00	38.94 0.83 0.00	31.86 0.70 0.00	28.50 0.58 0.00	26.44 0.56 0.00	27.83 0.63 0.00	29.65 0.76 0.00	32.50 0.78 0.00	38.36 0.83 0.00	41.02 0.79 0.00	39.72 0.64 0.00	38.89 0.68 0.00	39.03 0.73 0.00	34.87 0.51 0.00	29.73 0.41 0.00	25.96 0.34 0.00
GILBOA___2 23757	28.86 0.75 0.00	33.00 0.69 0.00	25.25 0.53 0.00	25.34 0.51 0.00	26.26 0.51 0.00	33.64 0.62 0.00	106.09 2.05 0.00	44.78 0.75 0.00	46.66 0.77 0.00	38.94 0.83 0.00	31.86 0.70 0.00	28.50 0.58 0.00	26.44 0.56 0.00	27.83 0.63 0.00	29.65 0.76 0.00	32.50 0.78 0.00	38.36 0.83 0.00	41.02 0.79 0.00	39.72 0.64 0.00	38.89 0.68 0.00	39.03 0.73 0.00	34.87 0.51 0.00	29.73 0.41 0.00	25.96 0.34 0.00

GILBOA___3 23758	28.86 0.75 0.00	33.00 0.69 0.00	25.25 0.53 0.00	25.34 0.51 0.00	26.26 0.51 0.00	33.64 0.62 0.00	106.09 2.05 0.00	44.78 0.75 0.00	46.66 0.77 0.00	38.94 0.83 0.00	31.86 0.70 0.00	28.50 0.58 0.00	26.44 0.56 0.00	27.83 0.63 0.00	29.65 0.76 0.00	32.50 0.78 0.00	38.36 0.83 0.00	41.02 0.79 0.00	39.72 0.64 0.00	38.89 0.68 0.00	39.03 0.73 0.00	34.87 0.51 0.00	29.73 0.41 0.00	25.96 0.34 0.00
GILBOA___4 23759	28.86 0.75 0.00	33.00 0.69 0.00	25.25 0.53 0.00	25.34 0.51 0.00	26.26 0.51 0.00	33.64 0.62 0.00	106.09 2.05 0.00	44.78 0.75 0.00	46.66 0.77 0.00	38.94 0.83 0.00	31.86 0.70 0.00	28.50 0.58 0.00	26.44 0.56 0.00	27.83 0.63 0.00	29.65 0.76 0.00	32.50 0.78 0.00	38.36 0.83 0.00	41.02 0.79 0.00	39.72 0.64 0.00	38.89 0.68 0.00	39.03 0.73 0.00	34.87 0.51 0.00	29.73 0.41 0.00	25.96 0.34 0.00
GILBOA___ 23599	28.86 0.75 0.00	33.00 0.69 0.00	25.25 0.52 0.00	25.34 0.51 0.00	26.26 0.51 0.00	33.64 0.62 0.00	106.09 2.05 0.00	44.79 0.75 0.00	46.65 0.77 0.00	38.94 0.83 0.00	31.86 0.70 0.00	28.50 0.58 0.00	26.44 0.55 0.00	27.83 0.63 0.00	29.65 0.76 0.00	32.50 0.78 0.00	38.36 0.83 0.00	41.03 0.79 0.00	39.72 0.63 0.00	38.89 0.68 0.00	39.03 0.73 0.00	34.87 0.51 0.00	29.73 0.41 0.00	25.95 0.34 0.00
GINNA___ 23603	26.06 -2.06 0.00	30.17 -2.14 0.00	23.05 -1.67 0.00	23.22 -1.61 0.00	24.08 -1.68 0.00	30.99 -2.03 0.00	97.57 -6.47 0.00	41.60 -2.44 0.00	43.29 -2.60 0.00	35.92 -2.19 0.00	29.38 -1.78 0.00	26.34 -1.59 0.00	24.46 -1.42 0.00	25.63 -1.57 0.00	27.07 -1.82 0.00	29.78 -1.94 0.00	35.17 -2.35 0.00	37.83 -2.41 0.00	36.87 -2.22 0.00	36.04 -2.16 0.00	35.96 -2.34 0.00	32.24 -2.12 0.00	27.29 -2.03 0.00	23.88 -1.73 0.00
GLEN PARK___ 23778	28.22 0.10 0.00	32.65 0.34 0.00	25.05 0.33 0.00	25.35 0.52 0.00	26.47 0.72 0.00	33.97 0.95 0.00	121.86 3.71 -14.11	146.16 1.89 -100.23	98.23 1.98 -50.37	39.56 1.45 0.00	32.25 1.09 0.00	28.86 0.93 0.00	26.52 0.64 0.00	27.65 0.45 0.00	29.27 0.38 0.00	32.22 0.51 0.00	38.38 0.86 0.00	42.01 1.77 0.00	41.35 2.26 0.00	40.42 2.21 0.00	40.33 2.03 0.00	35.96 1.61 0.00	30.58 1.26 0.00	26.63 1.02 0.00
GLENDALE_27_KV_LOAD 356172	29.84 1.73 0.00	34.01 1.71 0.00	26.02 1.30 0.00	26.10 1.27 0.00	26.94 1.19 0.00	34.50 1.48 0.00	108.86 4.82 0.00	46.21 2.17 0.00	48.16 2.27 0.00	40.30 2.19 0.00	33.02 1.86 0.00	29.58 1.66 0.00	27.45 1.56 0.00	28.95 1.75 0.00	30.89 1.99 0.00	33.83 2.11 0.00	39.90 2.37 0.00	42.49 2.25 0.00	41.15 2.06 0.00	40.09 1.88 0.00	40.22 1.92 0.00	36.04 1.68 0.00	30.65 1.33 0.00	26.74 1.13 0.00
GLENWOOD_IC_1_G5 23712	29.93 1.82 0.00	34.05 1.75 0.00	26.00 1.27 0.00	26.06 1.23 0.00	26.89 1.14 0.00	34.30 1.29 0.00	108.26 4.22 0.00	45.75 1.71 0.00	43.11 1.77 4.55	39.91 1.80 0.00	32.88 1.72 0.00	29.55 1.63 0.00	27.35 1.46 0.00	28.85 1.65 0.00	30.80 1.91 0.00	33.69 1.97 0.00	39.50 2.11 0.13	42.25 2.01 0.00	40.72 1.78 0.15	39.83 1.62 0.00	39.95 1.65 0.00	33.39 1.32 2.29	30.52 1.20 0.00	26.72 1.11 0.00
GLENWOOD_IC_2_G1 23688	29.88 1.77 0.00	33.98 1.68 0.00	25.95 1.22 0.00	26.01 1.18 0.00	26.84 1.09 0.00	34.26 1.24 0.00	108.05 4.01 0.00	45.66 1.62 0.00	46.21 1.69 1.36	39.82 1.71 0.00	32.78 1.62 0.00	29.47 1.54 0.00	27.27 1.39 0.00	28.76 1.56 0.00	30.73 1.84 0.00	33.61 1.89 0.00	39.50 2.02 0.04	42.17 1.93 0.00	40.73 1.69 0.04	39.76 1.55 0.00	39.88 1.57 0.00	34.93 1.26 0.68	30.47 1.15 0.00	26.67 1.06 0.00
GLENWOOD_IC_3_G1 23689	29.88 1.77 0.00	33.98 1.68 0.00	25.95 1.22 0.00	26.01 1.18 0.00	26.84 1.09 0.00	34.26 1.24 0.00	108.05 4.01 0.00	45.66 1.62 0.00	46.21 1.69 1.36	39.82 1.71 0.00	32.78 1.62 0.00	29.47 1.54 0.00	27.27 1.39 0.00	28.76 1.56 0.00	30.73 1.84 0.00	33.61 1.89 0.00	39.50 2.02 0.04	42.17 1.93 0.00	40.73 1.69 0.04	39.76 1.55 0.00	39.88 1.57 0.00	34.93 1.26 0.68	30.47 1.15 0.00	26.67 1.06 0.00
GLENWOOD___4 23550	29.93 1.82 0.00	34.05 1.75 0.00	26.00 1.27 0.00	26.06 1.23 0.00	26.89 1.14 0.00	34.30 1.29 0.00	108.26 4.22 0.00	45.75 1.71 0.00	43.11 1.77 4.55	39.91 1.80 0.00	32.88 1.72 0.00	29.55 1.63 0.00	27.35 1.46 0.00	28.85 1.65 0.00	30.80 1.91 0.00	33.69 1.97 0.00	39.50 2.11 0.13	42.25 2.01 0.00	40.72 1.78 0.15	39.83 1.62 0.00	39.95 1.65 0.00	33.39 1.32 2.29	30.52 1.20 0.00	26.72 1.11 0.00
GLENWOOD___5 23614	29.93 1.82 0.00	34.05 1.75 0.00	26.00 1.27 0.00	26.06 1.23 0.00	26.89 1.14 0.00	34.30 1.29 0.00	108.26 4.22 0.00	45.75 1.71 0.00	43.11 1.77 4.55	39.91 1.80 0.00	32.88 1.72 0.00	29.55 1.63 0.00	27.35 1.46 0.00	28.85 1.65 0.00	30.80 1.91 0.00	33.69 1.97 0.00	39.50 2.11 0.13	42.25 2.01 0.00	40.72 1.78 0.15	39.83 1.62 0.00	39.95 1.65 0.00	33.39 1.32 2.29	30.52 1.20 0.00	26.72 1.11 0.00
GLOBAL GREEN_PORT_GT1 23814	30.81 2.70 0.00	35.01 2.70 0.00	26.74 2.02 0.00	26.81 1.98 0.00	27.65 1.90 0.00	35.06 2.04 0.00	111.01 6.97 0.00	45.63 2.37 0.78	35.91 2.58 12.56	40.81 2.70 0.00	33.69 2.54 0.00	30.27 2.35 0.00	27.83 1.95 0.00	29.34 2.14 0.00	31.40 2.50 0.00	34.36 2.64 0.00	40.07 2.88 0.33	43.20 2.96 0.00	40.50 2.77 1.35	40.83 2.62 0.00	40.93 2.63 0.00	30.69 2.09 5.76	31.22 1.89 0.00	27.41 1.79 0.00
GLOBE___DSASP 323697	25.97 -2.15 0.00	30.43 -1.88 0.00	23.25 -1.48 0.00	23.48 -1.35 0.00	24.29 -1.47 0.00	31.23 -1.79 0.00	97.47 -6.57 0.00	41.67 -2.37 0.00	43.42 -2.46 0.00	36.20 -1.91 0.00	29.72 -1.44 0.00	26.74 -1.19 0.00	25.01 -0.87 0.00	26.15 -1.05 0.00	27.55 -1.35 0.00	30.27 -1.45 0.00	35.20 -2.32 0.00	37.42 -2.82 0.00	36.48 -2.61 0.00	35.71 -2.50 0.00	35.57 -2.74 0.00	32.12 -2.24 0.00	27.12 -2.21 0.00	23.97 -1.65 0.00
GOETHSLN___LBMP 323567	29.60 1.49 0.00	33.73 1.43 0.00	25.83 1.10 0.00	25.90 1.08 0.00	26.74 0.99 0.00	34.22 1.20 0.00	107.99 3.95 0.00	45.84 1.80 0.00	47.69 1.80 0.00	39.85 1.74 0.00	32.68 1.52 0.00	29.26 1.34 0.00	27.16 1.28 0.00	28.66 1.46 0.00	30.57 1.68 0.00	33.48 1.76 0.00	39.51 1.99 0.00	42.12 1.88 0.00	40.78 1.69 0.00	39.70 1.49 0.00	39.82 1.51 0.00	35.68 1.33 0.00	30.41 1.09 0.00	26.54 0.92 0.00
GOLAH___69_KV_TB 1_2 80279	27.24 -0.88 0.00	31.63 -0.68 0.00	24.20 -0.52 0.00	24.37 -0.46 0.00	25.27 -0.48 0.00	32.51 -0.51 0.00	102.22 -1.82 0.00	43.70 -0.34 0.00	45.48 -0.41 0.00	37.69 -0.42 0.00	30.75 -0.41 0.00	27.63 -0.29 0.00	25.67 -0.21 0.00	26.87 -0.33 0.00	28.41 -0.49 0.00	31.20 -0.52 0.00	36.70 -0.83 0.00	39.45 -0.79 0.00	38.58 -0.50 0.00	37.74 -0.47 0.00	37.64 -0.66 0.00	33.79 -0.56 0.00	28.56 -0.77 0.00	25.06 -0.56 0.00

GOODYEAR_LAKE_HYD 323669	29.06 0.95 0.00	33.31 1.01 0.00	25.50 0.78 0.00	25.63 0.80 0.00	26.58 0.82 0.00	34.17 1.15 0.00	107.97 3.93 0.00	45.89 1.85 0.00	47.71 1.83 0.00	39.73 1.62 0.00	32.42 1.26 0.00	29.05 1.12 0.00	27.01 1.13 0.00	28.41 1.21 0.00	30.09 1.19 0.00	32.95 1.23 0.00	38.86 1.34 0.00	41.74 1.51 0.00	40.60 1.51 0.00	39.67 1.46 0.00	39.81 1.51 0.00	35.64 1.29 0.00	30.32 1.00 0.00	26.45 0.84 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.32 0.21 0.00	32.57 0.27 0.00	24.92 0.20 0.00	25.06 0.23 0.00	25.94 0.18 0.00	33.35 0.33 0.00	105.12 1.08 0.00	45.05 1.02 0.00	46.70 0.81 0.00	38.81 0.70 0.00	31.45 0.29 0.00	28.24 0.31 0.00	26.45 0.57 0.00	27.75 0.55 0.00	29.28 0.38 0.00	32.06 0.34 0.00	37.53 0.00 0.00	40.24 0.00 0.00	39.15 0.06 0.00	38.35 0.14 0.00	38.44 0.14 0.00	34.41 0.06 0.00	29.23 -0.09 0.00	25.56 -0.06 0.00
GOUDEY___7 23579	28.32 0.21 0.00	32.57 0.27 0.00	24.92 0.20 0.00	25.06 0.23 0.00	25.94 0.18 0.00	33.35 0.33 0.00	105.12 1.08 0.00	45.05 1.02 0.00	46.70 0.81 0.00	38.81 0.70 0.00	31.45 0.29 0.00	28.24 0.31 0.00	26.45 0.57 0.00	27.75 0.55 0.00	29.28 0.38 0.00	32.06 0.34 0.00	37.53 0.00 0.00	40.24 0.00 0.00	39.15 0.06 0.00	38.35 0.14 0.00	38.44 0.14 0.00	34.41 0.06 0.00	29.23 -0.09 0.00	25.56 -0.06 0.00
GOUDEY___8 23580	28.32 0.21 0.00	32.57 0.27 0.00	24.92 0.20 0.00	25.06 0.23 0.00	25.94 0.18 0.00	33.35 0.33 0.00	105.12 1.08 0.00	45.05 1.02 0.00	46.70 0.81 0.00	38.81 0.70 0.00	31.45 0.29 0.00	28.24 0.31 0.00	26.45 0.57 0.00	27.75 0.55 0.00	29.28 0.38 0.00	32.06 0.34 0.00	37.53 0.00 0.00	40.24 0.00 0.00	39.15 0.06 0.00	38.35 0.14 0.00	38.44 0.14 0.00	34.41 0.06 0.00	29.23 -0.09 0.00	25.56 -0.06 0.00
GOWANUS_GT1_1 24077	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT1_2 24078	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT1_3 24079	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT1_4 24080	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT1_5 24084	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT1_6 24111	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT1_7 24112	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT1_8 24113	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT2_1 24114	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT2_2 24115	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT2_3 24116	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00

GOWANUS_GT2_4 24117	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT2_5 24118	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT2_6 24119	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT2_7 24120	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT2_8 24121	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT3_1 24122	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT3_2 24123	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT3_3 24124	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT3_4 24125	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT3_5 24126	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT3_6 24127	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT3_7 24128	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT3_8 24129	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
GOWANUS_GT4_1 24130	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT4_2 24131	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00

GOWANUS_GT4_3 24132	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT4_4 24133	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT4_5 24134	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT4_6 24135	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT4_7 24136	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GOWANUS_GT4_8 24137	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GREENBSH_115KV_TB3 55895	28.73 0.62 0.00	32.80 0.49 0.00	25.10 0.38 0.00	25.17 0.34 0.00	26.13 0.37 0.00	33.46 0.44 0.00	105.56 1.52 0.00	44.77 0.73 0.00	46.66 0.78 0.00	38.70 0.59 0.00	31.63 0.47 0.00	28.24 0.31 0.00	26.13 0.25 0.00	27.51 0.31 0.00	29.38 0.49 0.00	32.21 0.49 0.00	38.12 0.59 0.00	40.90 0.67 0.00	39.66 0.57 0.00	38.84 0.63 0.00	38.98 0.68 0.00	34.69 0.33 0.00	29.55 0.23 0.00	25.76 0.14 0.00
GREENIDGE_115KV_TB5 80291	27.66 -0.45 0.00	31.95 -0.36 0.00	24.43 -0.30 0.00	24.55 -0.28 0.00	25.43 -0.32 0.00	32.75 -0.27 0.00	103.05 -0.99 0.00	44.38 0.33 -0.02	45.99 0.07 -0.03	38.29 0.18 0.00	31.00 -0.16 0.00	27.74 -0.19 0.00	25.93 0.05 0.00	26.98 -0.21 0.00	28.39 -0.50 0.00	31.34 -0.38 0.00	36.98 -0.54 0.00	39.87 -0.37 0.00	39.21 0.12 0.00	38.41 0.20 0.00	38.50 0.20 0.00	34.48 0.13 0.00	29.17 -0.16 0.00	25.53 -0.09 0.00
GREENIDGE___3 23582	27.66 -0.45 0.00	31.95 -0.36 0.00	24.43 -0.30 0.00	24.55 -0.28 0.00	25.43 -0.32 0.00	32.75 -0.27 0.00	103.05 -0.99 0.00	44.38 0.33 -0.02	45.99 0.07 -0.03	38.29 0.18 0.00	31.00 -0.16 0.00	27.74 -0.19 0.00	25.93 0.05 0.00	26.98 -0.21 0.00	28.39 -0.50 0.00	31.34 -0.38 0.00	36.98 -0.54 0.00	39.87 -0.37 0.00	39.21 0.12 0.00	38.41 0.20 0.00	38.50 0.20 0.00	34.48 0.13 0.00	29.17 -0.16 0.00	25.53 -0.09 0.00
GREENIDGE___4 23583	27.66 -0.46 0.00	31.95 -0.36 0.00	24.43 -0.30 0.00	24.55 -0.28 0.00	25.43 -0.33 0.00	32.75 -0.27 0.00	103.05 -0.99 0.00	44.38 0.33 -0.02	46.00 0.08 -0.03	38.29 0.18 0.00	30.99 -0.17 0.00	27.74 -0.19 0.00	25.93 0.04 0.00	26.98 -0.21 0.00	28.39 -0.50 0.00	31.35 -0.37 0.00	37.00 -0.53 0.00	39.86 -0.37 0.00	39.21 0.12 0.00	38.41 0.20 0.00	38.50 0.20 0.00	34.48 0.13 0.00	29.17 -0.16 0.00	25.52 -0.09 0.00
GREENLWN_69_KV_BK 3 55738	29.77 1.66 0.00	33.88 1.58 0.00	25.87 1.15 0.00	25.92 1.09 0.00	26.70 0.94 0.00	33.89 0.87 0.00	106.62 2.58 0.00	44.10 0.85 0.79	34.37 0.85 12.37	39.35 1.23 0.00	32.61 1.46 0.00	29.39 1.47 0.00	27.17 1.29 0.00	28.62 1.43 0.00	30.47 1.57 0.00	33.18 1.47 0.00	38.58 1.38 0.33	41.53 1.30 0.00	38.77 1.03 1.34	39.12 0.91 0.00	39.29 0.98 0.00	29.36 0.66 5.66	30.11 0.79 0.00	26.52 0.91 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00
GRISSOM___SOLAR 323813	29.70 1.59 0.00	34.04 1.73 0.00	26.05 1.33 0.00	26.16 1.33 0.00	27.17 1.42 0.00	34.94 1.93 0.00	110.55 6.51 0.00	47.00 2.96 0.00	48.34 2.45 0.00	39.23 1.12 0.00	31.90 0.74 0.00	28.62 0.69 0.00	26.30 0.42 0.00	27.71 0.51 0.00	29.43 0.53 0.00	32.27 0.55 0.00	38.64 1.12 0.00	42.41 2.18 0.00	41.58 2.49 0.00	40.69 2.48 0.00	40.80 2.50 0.00	36.46 2.11 0.00	31.00 1.68 0.00	27.04 1.42 0.00
GROVEVILLE___HYD 323602	29.77 1.65 0.00	33.94 1.64 0.00	25.95 1.23 0.00	26.04 1.21 0.00	26.94 1.19 0.00	34.53 1.51 0.00	109.13 5.09 0.00	46.39 2.35 0.00	48.27 2.38 0.00	40.19 2.07 0.00	32.85 1.70 0.00	29.38 1.45 0.00	27.25 1.37 0.00	28.73 1.53 0.00	30.67 1.77 0.00	33.65 1.93 0.00	39.80 2.27 0.00	42.59 2.35 0.00	41.29 2.21 0.00	40.28 2.07 0.00	40.35 2.05 0.00	36.02 1.67 0.00	30.66 1.34 0.00	26.72 1.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.65 -0.47 0.00	31.79 -0.51 0.00	24.32 -0.41 0.00	24.43 -0.40 0.00	25.34 -0.41 0.00	32.52 -0.49 0.00	103.97 -1.45 -1.38	53.33 -0.57 -9.86	50.27 -0.69 -5.07	37.56 -0.55 0.00	30.65 -0.51 0.00	27.47 -0.46 0.00	25.45 -0.44 0.00	26.66 -0.54 0.00	28.27 -0.63 0.00	31.14 -0.58 0.00	37.02 -0.50 0.00	39.78 -0.45 0.00	38.76 -0.33 0.00	37.86 -0.35 0.00	37.86 -0.44 0.00	33.90 -0.45 0.00	28.87 -0.45 0.00	25.23 -0.39 0.00

HAMLTNNY_34_KV_TB 80303	27.66 -0.46 0.00	31.82 -0.48 0.00	24.34 -0.38 0.00	24.46 -0.37 0.00	25.34 -0.41 0.00	32.53 -0.49 0.00	103.91 -1.37 -1.24	52.43 -0.49 -8.88	49.80 -0.66 -4.58	37.61 -0.51 0.00	30.66 -0.50 0.00	27.52 -0.40 0.00	25.48 -0.40 0.00	26.70 -0.50 0.00	28.29 -0.60 0.00	31.19 -0.52 0.00	37.06 -0.47 0.00	39.86 -0.38 0.00	38.85 -0.23 0.00	37.95 -0.26 0.00	37.91 -0.39 0.00	33.95 -0.41 0.00	28.91 -0.42 0.00	25.27 -0.35 0.00
HAMPSHIRE___PAPER_HYD 323593	28.51 0.39 0.00	33.03 0.72 0.00	25.30 0.58 0.00	25.50 0.67 0.00	26.57 0.82 0.00	34.09 1.08 0.00	144.88 3.74 -37.10	308.95 1.57 -263.34	179.75 1.75 -132.11	39.43 1.31 0.00	32.26 1.10 0.00	28.94 1.02 0.00	26.76 0.88 0.00	28.02 0.83 0.00	29.66 0.76 0.00	32.61 0.89 0.00	38.72 1.19 0.00	41.80 1.57 0.00	40.79 1.70 0.00	39.88 1.67 0.00	39.90 1.60 0.00	35.72 1.36 0.00	30.48 1.15 0.00	26.63 1.01 0.00
HARDSCRABBLE_WT_PWR 323673	28.17 0.06 0.00	31.93 -0.38 0.00	24.51 -0.21 0.00	24.58 -0.25 0.00	25.60 -0.15 0.00	32.97 -0.05 0.00	104.96 -0.19 -1.11	51.98 0.06 -7.88	49.56 -0.28 -3.95	37.56 -0.56 0.00	30.81 -0.35 0.00	27.44 -0.49 0.00	25.22 -0.66 0.00	26.49 -0.71 0.00	28.21 -0.69 0.00	30.93 -0.79 0.00	36.88 -0.64 0.00	40.03 -0.21 0.00	39.07 -0.01 0.00	38.20 -0.01 0.00	38.45 0.14 0.00	34.28 -0.07 0.00	29.13 -0.20 0.00	25.43 -0.18 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.50 1.39 0.00	33.67 1.37 0.00	25.76 1.03 0.00	25.86 1.03 0.00	26.74 0.98 0.00	34.27 1.25 0.00	108.33 4.29 0.00	46.03 1.99 0.00	47.82 1.93 0.00	39.82 1.71 0.00	32.56 1.40 0.00	29.10 1.18 0.00	27.03 1.15 0.00	28.50 1.30 0.00	30.41 1.51 0.00	33.36 1.64 0.00	39.46 1.94 0.00	42.23 2.00 0.00	40.97 1.89 0.00	39.90 1.69 0.00	39.96 1.66 0.00	35.74 1.38 0.00	30.44 1.12 0.00	26.53 0.92 0.00
HARSNRAD_115KV_TB1 81005	26.40 -1.72 0.00	30.90 -1.41 0.00	23.60 -1.12 0.00	23.84 -0.99 0.00	24.66 -1.09 0.00	31.75 -1.27 0.00	99.24 -4.80 0.00	42.56 -1.48 0.00	44.31 -1.58 0.00	36.89 -1.22 0.00	30.22 -0.94 0.00	27.17 -0.76 0.00	25.40 -0.49 0.00	26.55 -0.65 0.00	27.96 -0.93 0.00	30.72 -1.00 0.00	35.77 -1.76 0.00	38.15 -2.09 0.00	37.27 -1.82 0.00	36.49 -1.72 0.00	36.35 -1.95 0.00	32.79 -1.56 0.00	27.66 -1.67 0.00	24.46 -1.15 0.00
HARZA MOOSE___RIVER 24016	28.42 0.31 0.00	32.79 0.49 0.00	25.08 0.35 0.00	25.31 0.48 0.00	26.36 0.61 0.00	33.85 0.83 0.00	117.39 3.04 -10.31	118.65 1.43 -73.18	84.13 1.51 -36.74	39.34 1.22 0.00	32.12 0.97 0.00	28.74 0.82 0.00	26.55 0.66 0.00	27.80 0.60 0.00	29.39 0.49 0.00	32.30 0.58 0.00	38.51 0.99 0.00	41.70 1.46 0.00	40.71 1.63 0.00	39.81 1.60 0.00	39.75 1.45 0.00	35.54 1.18 0.00	30.26 0.94 0.00	26.40 0.79 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.47 -0.65 0.00	31.59 -0.72 0.00	24.16 -0.57 0.00	24.28 -0.55 0.00	25.19 -0.56 0.00	32.32 -0.69 0.00	103.37 -2.17 -1.51	53.92 -0.87 -10.75	50.37 -0.98 -5.46	37.32 -0.80 0.00	30.48 -0.68 0.00	27.32 -0.60 0.00	25.31 -0.58 0.00	26.53 -0.67 0.00	28.12 -0.77 0.00	30.98 -0.74 0.00	36.83 -0.70 0.00	39.51 -0.73 0.00	38.46 -0.63 0.00	37.58 -0.63 0.00	37.62 -0.68 0.00	33.68 -0.67 0.00	28.65 -0.67 0.00	25.04 -0.58 0.00
HELLGATE_13_KV_LD 55870	29.71 1.60 0.00	33.87 1.57 0.00	25.94 1.21 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.37 1.35 0.00	108.40 4.36 0.00	46.00 1.96 0.00	47.92 2.04 0.00	40.11 2.00 0.00	32.85 1.69 0.00	29.44 1.52 0.00	27.30 1.42 0.00	28.81 1.61 0.00	30.72 1.83 0.00	33.64 1.93 0.00	39.70 2.17 0.00	42.25 2.02 0.00	40.92 1.84 0.00	39.87 1.67 0.00	40.01 1.70 0.00	35.86 1.51 0.00	30.51 1.19 0.00	26.62 1.01 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.71 1.60 0.00	33.87 1.57 0.00	25.94 1.21 0.00	26.00 1.17 0.00	26.84 1.09 0.00	34.37 1.35 0.00	108.40 4.36 0.00	46.00 1.96 0.00	47.92 2.04 0.00	40.11 2.00 0.00	32.85 1.69 0.00	29.44 1.52 0.00	27.30 1.42 0.00	28.81 1.61 0.00	30.72 1.83 0.00	33.64 1.93 0.00	39.70 2.17 0.00	42.25 2.02 0.00	40.92 1.84 0.00	39.87 1.67 0.00	40.01 1.70 0.00	35.86 1.51 0.00	30.51 1.19 0.00	26.62 1.01 0.00
HEMPSTEAD____ 23647	29.80 1.69 0.00	33.89 1.59 0.00	25.88 1.16 0.00	25.94 1.11 0.00	26.78 1.02 0.00	34.14 1.12 0.00	107.69 3.65 0.26	45.19 1.41 6.57	40.80 1.49 0.00	39.71 1.60 0.00	32.73 1.57 0.00	29.41 1.49 0.00	27.20 1.32 0.00	28.69 1.49 0.00	30.62 1.73 0.00	33.47 1.75 0.00	39.18 1.83 0.18	41.99 1.75 0.00	40.39 1.51 0.20	39.58 1.38 0.00	39.71 1.41 0.00	32.36 1.10 3.10	30.36 1.04 0.00	26.60 0.98 0.00
HEWLETT_69_KV_BK3 55828	30.35 2.24 0.00	34.37 2.06 0.00	26.06 1.34 0.00	26.13 1.30 0.00	26.98 1.23 0.00	34.46 1.44 0.00	108.73 4.69 0.00	47.10 1.92 -1.14	48.27 1.93 -0.45	40.09 1.97 0.00	32.99 1.83 0.00	29.53 1.61 0.00	27.42 1.54 0.00	28.91 1.71 0.00	30.85 1.96 0.00	33.76 2.04 0.00	39.67 2.19 0.05	42.37 2.13 0.00	42.13 1.89 -1.15	39.95 1.74 0.00	40.07 1.76 0.00	34.97 1.41 0.80	30.62 1.30 0.00	26.82 1.20 0.00
HICKLING___1 23621	27.75 -0.37 0.00	32.04 -0.27 0.00	24.52 -0.20 0.00	24.65 -0.17 0.00	25.50 -0.25 0.00	32.84 -0.18 0.00	103.70 -0.34 0.00	44.73 0.69 0.00	46.22 0.33 0.00	38.43 0.31 0.00	30.95 -0.21 0.00	27.88 -0.04 0.00	26.24 0.35 0.00	27.43 0.23 0.00	28.76 -0.14 0.00	31.64 -0.08 0.00	37.16 -0.36 0.00	40.01 -0.23 0.00	39.12 0.04 0.00	38.36 0.15 0.00	38.33 0.03 0.00	34.35 -0.01 0.00	29.09 -0.24 0.00	25.48 -0.14 0.00
HICKLING___2 23622	27.75 -0.37 0.00	32.04 -0.27 0.00	24.52 -0.20 0.00	24.65 -0.17 0.00	25.50 -0.25 0.00	32.84 -0.18 0.00	103.70 -0.34 0.00	44.73 0.69 0.00	46.22 0.33 0.00	38.43 0.31 0.00	30.95 -0.21 0.00	27.88 -0.04 0.00	26.24 0.35 0.00	27.43 0.23 0.00	28.76 -0.14 0.00	31.64 -0.08 0.00	37.16 -0.36 0.00	40.01 -0.23 0.00	39.12 0.04 0.00	38.36 0.15 0.00	38.33 0.03 0.00	34.35 -0.01 0.00	29.09 -0.24 0.00	25.48 -0.14 0.00
HIGH FALLS___HY 23754	29.76 1.65 0.00	33.95 1.64 0.00	25.95 1.23 0.00	26.05 1.22 0.00	26.93 1.18 0.00	34.53 1.51 0.00	109.21 5.17 0.00	46.43 2.39 0.00	48.27 2.39 0.00	40.15 2.04 0.00	32.76 1.60 0.00	29.27 1.34 0.00	27.17 1.29 0.00	28.66 1.46 0.00	30.56 1.67 0.00	33.59 1.87 0.00	39.73 2.21 0.00	42.60 2.37 0.00	41.40 2.31 0.00	40.33 2.13 0.00	40.37 2.08 0.00	36.10 1.74 0.00	30.73 1.41 0.00	26.78 1.17 0.00
HIGH_RIVER___SOLAR 323847	29.30 1.19 0.00	33.54 1.24 0.00	25.67 0.95 0.00	25.78 0.95 0.00	26.76 1.01 0.00	34.36 1.34 0.00	108.46 4.42 0.00	46.01 1.98 0.00	47.61 1.72 0.00	39.00 0.88 0.00	31.85 0.69 0.00	28.49 0.56 0.00	26.15 0.27 0.00	27.51 0.31 0.00	29.27 0.37 0.00	32.15 0.43 0.00	38.41 0.88 0.00	41.76 1.52 0.00	40.72 1.64 0.00	39.84 1.64 0.00	39.96 1.66 0.00	35.67 1.32 0.00	30.37 1.05 0.00	26.50 0.89 0.00

HILLBURN___GT 23639	29.39 1.28 0.00	33.55 1.25 0.00	25.66 0.94 0.00	25.77 0.94 0.00	26.63 0.88 0.00	34.12 1.10 0.00	107.84 3.80 0.00	45.81 1.77 0.00	47.59 1.70 0.00	39.67 1.56 0.00	32.46 1.30 0.00	29.02 1.10 0.00	26.96 1.08 0.00	28.43 1.23 0.00	30.33 1.43 0.00	33.26 1.54 0.00	39.30 1.78 0.00	42.02 1.78 0.00	40.75 1.66 0.00	39.66 1.45 0.00	39.73 1.42 0.00	35.56 1.20 0.00	30.31 0.99 0.00	26.42 0.81 0.00
HILLSIDE_115KV_TB1 80332	27.65 -0.46 0.00	31.88 -0.42 0.00	24.41 -0.31 0.00	24.56 -0.27 0.00	25.39 -0.36 0.00	32.70 -0.32 0.00	103.15 -0.89 0.00	44.52 0.49 0.00	45.99 0.10 0.00	38.19 0.07 0.00	30.74 -0.42 0.00	27.70 -0.23 0.00	26.10 0.22 0.00	27.30 0.10 0.00	28.64 -0.25 0.00	31.49 -0.23 0.00	36.91 -0.61 0.00	39.59 -0.65 0.00	38.62 -0.47 0.00	37.87 -0.34 0.00	37.93 -0.37 0.00	33.96 -0.40 0.00	28.80 -0.53 0.00	25.21 -0.41 0.00
HISHELDN_WT_PWR 323625	26.78 -1.34 0.00	31.23 -1.08 0.00	23.89 -0.83 0.00	24.05 -0.77 0.00	24.89 -0.86 0.00	32.06 -0.96 0.00	100.82 -3.22 0.00	43.26 -0.77 0.00	44.91 -0.98 0.00	37.41 -0.71 0.00	30.45 -0.71 0.00	27.45 -0.48 0.00	25.72 -0.16 0.00	26.86 -0.33 0.00	28.22 -0.67 0.00	31.01 -0.71 0.00	36.31 -1.22 0.00	38.84 -1.40 0.00	37.94 -1.15 0.00	37.20 -1.01 0.00	37.16 -1.14 0.00	33.50 -0.86 0.00	28.27 -1.05 0.00	24.89 -0.72 0.00
HOLTSVILLE_IC_1 23690	30.04 1.92 0.00	34.12 1.82 0.00	26.07 1.34 0.00	26.11 1.29 0.00	26.92 1.16 0.00	34.16 1.14 0.00	107.68 3.64 0.00	44.33 1.07 0.79	34.50 1.18 12.58	39.60 1.49 0.00	32.76 1.60 0.00	29.50 1.58 0.00	27.19 1.31 0.00	28.64 1.44 0.00	30.56 1.67 0.00	33.33 1.61 0.00	38.79 1.60 0.33	41.77 1.53 0.00	38.98 1.25 1.36	39.36 1.15 0.00	39.54 1.24 0.00	29.50 0.90 5.76	30.30 0.98 0.00	26.67 1.06 0.00
HOLTSVILLE_IC_10 23699	30.15 2.04 0.00	34.25 1.95 0.00	26.16 1.44 0.00	26.21 1.38 0.00	27.01 1.26 0.00	34.29 1.27 0.00	108.16 4.12 0.00	44.53 1.27 0.78	34.77 1.37 12.48	39.79 1.68 0.00	32.91 1.75 0.00	29.64 1.71 0.00	27.29 1.41 0.00	28.75 1.55 0.00	30.69 1.80 0.00	33.48 1.76 0.00	38.99 1.80 0.33	41.99 1.76 0.00	39.23 1.49 1.34	39.59 1.38 0.00	39.76 1.46 0.00	29.72 1.09 5.72	30.44 1.12 0.00	26.78 1.17 0.00
HOLTSVILLE_IC_2 23691	30.04 1.92 0.00	34.12 1.82 0.00	26.07 1.34 0.00	26.11 1.29 0.00	26.92 1.16 0.00	34.16 1.14 0.00	107.68 3.64 0.00	44.33 1.07 0.79	34.50 1.18 12.58	39.60 1.49 0.00	32.76 1.60 0.00	29.50 1.58 0.00	27.19 1.31 0.00	28.64 1.44 0.00	30.56 1.67 0.00	33.33 1.61 0.00	38.79 1.60 0.33	41.77 1.53 0.00	38.98 1.25 1.36	39.36 1.15 0.00	39.54 1.24 0.00	29.50 0.90 5.76	30.30 0.98 0.00	26.67 1.06 0.00
HOLTSVILLE_IC_3 23692	30.04 1.92 0.00	34.12 1.82 0.00	26.07 1.34 0.00	26.11 1.29 0.00	26.92 1.16 0.00	34.16 1.14 0.00	107.68 3.64 0.00	44.33 1.07 0.79	34.50 1.18 12.58	39.60 1.49 0.00	32.76 1.60 0.00	29.50 1.58 0.00	27.19 1.31 0.00	28.64 1.44 0.00	30.56 1.67 0.00	33.33 1.61 0.00	38.79 1.60 0.33	41.77 1.53 0.00	38.98 1.25 1.36	39.36 1.15 0.00	39.54 1.24 0.00	29.50 0.90 5.76	30.30 0.98 0.00	26.67 1.06 0.00
HOLTSVILLE_IC_4 23693	30.04 1.92 0.00	34.12 1.82 0.00	26.07 1.34 0.00	26.11 1.29 0.00	26.92 1.16 0.00	34.16 1.14 0.00	107.68 3.64 0.00	44.33 1.07 0.79	34.50 1.18 12.58	39.60 1.49 0.00	32.76 1.60 0.00	29.50 1.58 0.00	27.19 1.31 0.00	28.64 1.44 0.00	30.56 1.67 0.00	33.33 1.61 0.00	38.79 1.60 0.33	41.77 1.53 0.00	38.98 1.25 1.36	39.36 1.15 0.00	39.54 1.24 0.00	29.50 0.90 5.76	30.30 0.98 0.00	26.67 1.06 0.00
HOLTSVILLE_IC_5 23694	30.04 1.92 0.00	34.12 1.82 0.00	26.07 1.34 0.00	26.11 1.29 0.00	26.92 1.16 0.00	34.16 1.14 0.00	107.68 3.64 0.00	44.33 1.07 0.79	34.50 1.18 12.58	39.60 1.49 0.00	32.76 1.60 0.00	29.50 1.58 0.00	27.19 1.31 0.00	28.64 1.44 0.00	30.56 1.67 0.00	33.33 1.61 0.00	38.79 1.60 0.33	41.77 1.53 0.00	38.98 1.25 1.36	39.36 1.15 0.00	39.54 1.24 0.00	29.50 0.90 5.76	30.30 0.98 0.00	26.67 1.06 0.00
HOLTSVILLE_IC_6 23695	30.15 2.04 0.00	34.25 1.95 0.00	26.16 1.44 0.00	26.21 1.38 0.00	27.01 1.26 0.00	34.29 1.27 0.00	108.16 4.12 0.00	44.53 1.27 0.78	34.77 1.37 12.48	39.79 1.68 0.00	32.91 1.75 0.00	29.64 1.71 0.00	27.29 1.41 0.00	28.75 1.55 0.00	30.69 1.80 0.00	33.48 1.76 0.00	38.99 1.80 0.33	41.99 1.76 0.00	39.23 1.49 1.34	39.59 1.38 0.00	39.76 1.46 0.00	29.72 1.09 5.72	30.44 1.12 0.00	26.78 1.17 0.00
HOLTSVILLE_IC_7 23696	30.15 2.04 0.00	34.25 1.95 0.00	26.16 1.44 0.00	26.21 1.38 0.00	27.01 1.26 0.00	34.29 1.27 0.00	108.16 4.12 0.00	44.53 1.27 0.78	34.77 1.37 12.48	39.79 1.68 0.00	32.91 1.75 0.00	29.64 1.71 0.00	27.29 1.41 0.00	28.75 1.55 0.00	30.69 1.80 0.00	33.48 1.76 0.00	38.99 1.80 0.33	41.99 1.76 0.00	39.23 1.49 1.34	39.59 1.38 0.00	39.76 1.46 0.00	29.72 1.09 5.72	30.44 1.12 0.00	26.78 1.17 0.00
HOLTSVILLE_IC_8 23697	30.15 2.04 0.00	34.25 1.95 0.00	26.16 1.44 0.00	26.21 1.38 0.00	27.01 1.26 0.00	34.29 1.27 0.00	108.16 4.12 0.00	44.53 1.27 0.78	34.77 1.37 12.48	39.79 1.68 0.00	32.91 1.75 0.00	29.64 1.71 0.00	27.29 1.41 0.00	28.75 1.55 0.00	30.69 1.80 0.00	33.48 1.76 0.00	38.99 1.80 0.33	41.99 1.76 0.00	39.23 1.49 1.34	39.59 1.38 0.00	39.76 1.46 0.00	29.72 1.09 5.72	30.44 1.12 0.00	26.78 1.17 0.00
HOLTSVILLE_IC_9 23698	30.15 2.04 0.00	34.25 1.95 0.00	26.16 1.44 0.00	26.21 1.38 0.00	27.01 1.26 0.00	34.29 1.27 0.00	108.16 4.12 0.00	44.53 1.27 0.78	34.77 1.37 12.48	39.79 1.68 0.00	32.91 1.75 0.00	29.64 1.71 0.00	27.29 1.41 0.00	28.75 1.55 0.00	30.69 1.80 0.00	33.48 1.76 0.00	38.99 1.80 0.33	41.99 1.76 0.00	39.23 1.49 1.34	39.59 1.38 0.00	39.76 1.46 0.00	29.72 1.09 5.72	30.44 1.12 0.00	26.78 1.17 0.00
HOMER_HL_115KV_TB2 355744	27.74 -0.37 0.00	32.33 0.02 0.00	24.68 -0.04 0.00	24.95 0.12 0.00	25.81 0.05 0.00	33.20 0.19 0.00	104.33 0.30 0.00	45.09 1.06 0.00	46.76 0.88 0.00	38.79 0.68 0.00	31.49 0.33 0.00	28.29 0.36 0.00	26.54 0.66 0.00	27.79 0.59 0.00	29.19 0.30 0.00	32.08 0.36 0.00	37.47 -0.05 0.00	40.10 -0.14 0.00	39.19 0.11 0.00	38.38 0.17 0.00	38.34 0.04 0.00	34.46 0.10 0.00	29.12 -0.21 0.00	25.46 -0.16 0.00
HOWARD_WT_PWR 323690	26.96 -1.15 0.00	31.41 -0.89 0.00	23.99 -0.73 0.00	24.05 -0.78 0.00	24.75 -1.00 0.00	31.88 -1.14 0.00	101.45 -2.59 0.00	43.72 -0.32 0.00	45.16 -0.73 0.00	37.57 -0.54 0.00	30.36 -0.80 0.00	27.52 -0.40 0.00	25.95 0.06 0.00	26.98 -0.22 0.00	28.24 -0.66 0.00	31.07 -0.65 0.00	36.71 -0.81 0.00	39.56 -0.68 0.00	38.79 -0.30 0.00	38.03 -0.18 0.00	38.15 -0.15 0.00	34.45 0.10 0.00	29.10 -0.22 0.00	25.57 -0.04 0.00

HQ_GEN_CEDARS 23644	28.66 0.54 0.00	33.18 0.88 0.00	25.43 0.71 0.00	25.52 0.69 0.00	26.51 0.76 0.00	33.98 0.96 0.00	183.71 3.09 -76.58	551.63 1.00 -506.60	300.37 1.21 -253.28	39.01 0.90 0.00	31.97 0.81 0.00	28.77 0.84 0.00	26.72 0.84 0.00	28.08 0.88 0.00	29.81 0.91 0.00	32.71 0.99 0.00	38.59 1.06 0.00	41.26 1.02 0.00	40.04 0.95 0.00	39.17 0.96 0.00	39.32 1.02 0.00	35.30 0.95 0.00	30.17 0.85 0.00	26.42 0.80 0.00
HQ_GEN_CEDARS_PROXY 323590	28.66 0.54 0.00	33.18 0.88 0.00	25.43 0.71 0.00	25.52 0.69 0.00	26.51 0.76 0.00	33.98 0.96 0.00	183.71 3.09 -76.58	551.64 1.00 -506.60	304.04 1.21 -256.95	39.01 0.90 0.00	31.97 0.81 0.00	28.77 0.84 0.00	26.72 0.84 0.00	28.08 0.88 0.00	29.81 0.91 0.00	32.71 0.99 0.00	38.59 1.06 0.00	41.26 1.02 0.00	40.04 0.95 0.00	39.17 0.96 0.00	39.32 1.02 0.00	35.30 0.95 0.00	30.17 0.85 0.00	26.42 0.80 0.00
HQ_GEN_IMPORT 323601	28.33 0.22 0.00	32.66 0.36 0.00	25.01 0.28 0.00	25.11 0.28 0.00	26.05 0.30 0.00	33.40 0.38 0.00	102.04 1.16 3.16	22.04 0.42 22.41	34.36 0.53 12.06	38.87 0.40 -0.36	31.52 0.37 0.00	28.29 0.36 0.00	26.22 0.33 0.00	27.56 0.36 0.00	29.27 0.37 0.00	32.11 0.39 0.00	37.95 0.42 0.00	40.63 0.39 0.00	39.42 0.33 0.00	38.55 0.34 0.00	38.67 0.37 0.00	34.71 0.35 0.00	29.65 0.33 0.00	25.93 0.32 0.00
HQ_GEN_WHEEL 23651	28.33 0.22 0.00	32.66 0.36 0.00	25.01 0.28 0.00	25.11 0.28 0.00	26.05 0.30 0.00	33.40 0.38 0.00	102.04 1.16 3.16	22.04 0.42 22.41	34.36 0.53 12.06	38.87 0.40 -0.36	31.52 0.37 0.00	28.29 0.36 0.00	26.22 0.33 0.00	27.56 0.36 0.00	29.27 0.37 0.00	32.11 0.39 0.00	37.95 0.42 0.00	40.63 0.39 0.00	39.42 0.33 0.00	38.55 0.34 0.00	38.67 0.37 0.00	34.71 0.35 0.00	29.65 0.33 0.00	25.93 0.32 0.00
HUDSON AVE_GT_3 23810	29.79 1.67 0.00	33.94 1.64 0.00	25.97 1.25 0.00	26.05 1.22 0.00	26.90 1.15 0.00	34.41 1.39 0.00	108.68 4.64 0.00	46.40 2.11 -0.25	48.45 2.18 -0.39	40.18 2.07 0.00	32.93 1.77 0.00	29.50 1.57 0.00	27.38 1.50 0.00	28.88 1.68 0.00	30.80 1.91 0.00	33.74 2.02 0.00	39.82 2.29 0.00	42.44 2.21 0.00	41.08 2.00 0.00	40.00 1.80 0.00	40.12 1.82 0.00	35.91 1.55 0.00	30.59 1.27 0.00	26.69 1.08 0.00
HUDSON AVE_GT_4 23540	29.79 1.67 0.00	33.94 1.64 0.00	25.97 1.25 0.00	26.05 1.22 0.00	26.90 1.15 0.00	34.41 1.39 0.00	108.68 4.64 0.00	46.40 2.11 -0.25	48.45 2.18 -0.39	40.18 2.07 0.00	32.93 1.77 0.00	29.50 1.57 0.00	27.38 1.50 0.00	28.88 1.68 0.00	30.80 1.91 0.00	33.74 2.02 0.00	39.82 2.29 0.00	42.44 2.21 0.00	41.08 2.00 0.00	40.00 1.80 0.00	40.12 1.82 0.00	35.91 1.55 0.00	30.59 1.27 0.00	26.69 1.08 0.00
HUDSON AVE_GT_5 23657	29.79 1.67 0.00	33.94 1.64 0.00	25.97 1.25 0.00	26.05 1.22 0.00	26.90 1.15 0.00	34.41 1.39 0.00	108.68 4.64 0.00	46.40 2.11 -0.25	48.45 2.18 -0.39	40.18 2.07 0.00	32.93 1.77 0.00	29.50 1.57 0.00	27.38 1.50 0.00	28.88 1.68 0.00	30.80 1.91 0.00	33.74 2.02 0.00	39.82 2.29 0.00	42.44 2.21 0.00	41.08 2.00 0.00	40.00 1.80 0.00	40.12 1.82 0.00	35.91 1.55 0.00	30.59 1.27 0.00	26.69 1.08 0.00
HUDSON_AVE_10 24168	29.70 1.59 0.00	33.84 1.54 0.00	25.91 1.19 0.00	25.99 1.16 0.00	26.83 1.08 0.00	34.33 1.32 0.00	108.37 4.33 0.00	46.56 1.99 -0.53	48.75 2.04 -0.82	40.05 1.94 0.00	32.82 1.66 0.00	29.40 1.47 0.00	27.30 1.42 0.00	28.79 1.59 0.00	30.71 1.82 0.00	33.64 1.92 0.00	39.70 2.18 0.00	42.31 2.07 0.00	41.58 1.87 -0.63	39.88 1.67 0.00	40.00 1.70 0.00	35.80 1.44 0.00	30.49 1.17 0.00	26.61 1.00 0.00
HUDSON___115KV_TB 4 355613	29.23 1.12 0.00	33.38 1.07 0.00	25.53 0.81 0.00	25.61 0.78 0.00	26.60 0.85 0.00	34.14 1.12 0.00	107.89 3.85 0.00	45.85 1.81 0.00	47.73 1.84 0.00	39.43 1.31 0.00	32.13 0.97 0.00	28.51 0.58 0.00	26.33 0.45 0.00	27.68 0.48 0.00	29.55 0.65 0.00	32.39 0.67 0.00	38.58 1.06 0.00	41.73 1.49 0.00	40.66 1.57 0.00	39.84 1.64 0.00	39.93 1.63 0.00	35.48 1.12 0.00	30.16 0.84 0.00	26.27 0.66 0.00
HUNTER MOUNT___DRP 323613	29.30 1.18 0.00	33.46 1.15 0.00	25.59 0.87 0.00	25.66 0.84 0.00	26.68 0.93 0.00	34.27 1.25 0.00	108.34 4.30 0.00	46.07 2.03 0.00	47.97 2.08 0.00	39.53 1.42 0.00	32.17 1.01 0.00	28.51 0.58 0.00	26.32 0.44 0.00	27.65 0.46 0.00	29.50 0.61 0.00	32.35 0.62 0.00	38.61 1.09 0.00	41.85 1.61 0.00	40.85 1.76 0.00	40.06 1.85 0.00	40.15 1.85 0.00	35.65 1.29 0.00	30.27 0.95 0.00	26.36 0.75 0.00
HUNTINGTON_RES_REC 323705	29.94 1.83 0.00	34.05 1.75 0.00	26.00 1.28 0.00	26.05 1.23 0.00	26.84 1.09 0.00	34.03 1.02 0.00	107.09 3.05 0.00	44.17 0.92 0.79	34.33 0.94 12.50	39.45 1.34 0.00	32.68 1.52 0.00	29.44 1.52 0.00	27.17 1.29 0.00	28.61 1.41 0.00	30.49 1.59 0.00	33.23 1.51 0.00	38.65 1.45 0.33	41.64 1.40 0.00	38.86 1.13 1.35	39.23 1.03 0.00	39.42 1.12 0.00	29.40 0.77 5.72	30.21 0.89 0.00	26.60 0.99 0.00
HUNTLEY___63 23557	26.66 -1.45 0.00	31.21 -1.09 0.00	23.83 -0.89 0.00	24.06 -0.77 0.00	24.89 -0.86 0.00	32.05 -0.97 0.00	100.31 -3.73 0.00	42.99 -1.05 0.00	44.77 -1.12 0.00	37.32 -0.79 0.00	30.57 -0.59 0.00	27.50 -0.43 0.00	25.71 -0.17 0.00	26.88 -0.31 0.00	28.32 -0.58 0.00	31.10 -0.62 0.00	36.20 -1.33 0.00	38.59 -1.64 0.00	37.67 -1.41 0.00	36.88 -1.33 0.00	36.73 -1.57 0.00	33.13 -1.23 0.00	27.96 -1.37 0.00	24.69 -0.93 0.00
HUNTLEY___64 23558	26.66 -1.45 0.00	31.21 -1.09 0.00	23.83 -0.89 0.00	24.06 -0.77 0.00	24.89 -0.86 0.00	32.05 -0.97 0.00	100.31 -3.73 0.00	42.99 -1.05 0.00	44.77 -1.12 0.00	37.32 -0.79 0.00	30.57 -0.59 0.00	27.50 -0.43 0.00	25.71 -0.17 0.00	26.88 -0.31 0.00	28.32 -0.58 0.00	31.10 -0.62 0.00	36.20 -1.33 0.00	38.59 -1.64 0.00	37.67 -1.41 0.00	36.88 -1.33 0.00	36.73 -1.57 0.00	33.13 -1.23 0.00	27.96 -1.37 0.00	24.69 -0.93 0.00
HUNTLEY___65 23559	26.66 -1.45 0.00	31.21 -1.09 0.00	23.83 -0.89 0.00	24.06 -0.77 0.00	24.89 -0.86 0.00	32.05 -0.97 0.00	100.31 -3.73 0.00	42.99 -1.05 0.00	44.77 -1.12 0.00	37.32 -0.79 0.00	30.57 -0.59 0.00	27.50 -0.43 0.00	25.71 -0.17 0.00	26.88 -0.31 0.00	28.32 -0.58 0.00	31.10 -0.62 0.00	36.20 -1.33 0.00	38.59 -1.64 0.00	37.67 -1.41 0.00	36.88 -1.33 0.00	36.73 -1.57 0.00	33.13 -1.23 0.00	27.96 -1.37 0.00	24.69 -0.93 0.00
HUNTLEY___66 23560	26.66 -1.45 0.00	31.21 -1.09 0.00	23.83 -0.89 0.00	24.06 -0.77 0.00	24.89 -0.86 0.00	32.05 -0.97 0.00	100.31 -3.73 0.00	42.99 -1.05 0.00	44.77 -1.12 0.00	37.32 -0.79 0.00	30.57 -0.59 0.00	27.50 -0.43 0.00	25.71 -0.17 0.00	26.88 -0.31 0.00	28.32 -0.58 0.00	31.10 -0.62 0.00	36.20 -1.33 0.00	38.59 -1.64 0.00	37.67 -1.41 0.00	36.88 -1.33 0.00	36.73 -1.57 0.00	33.13 -1.23 0.00	27.96 -1.37 0.00	24.69 -0.93 0.00

HUNTLEY___67 23561	26.52 -1.59 0.00	31.03 -1.27 0.00	23.72 -1.01 0.00	23.94 -0.89 0.00	24.77 -0.98 0.00	31.88 -1.14 0.00	99.75 -4.29 0.00	42.75 -1.29 0.00	44.50 -1.39 0.00	37.07 -1.05 0.00	30.35 -0.81 0.00	27.30 -0.63 0.00	25.54 -0.34 0.00	26.71 -0.49 0.00	28.12 -0.77 0.00	30.90 -0.81 0.00	36.02 -1.51 0.00	38.38 -1.86 0.00	37.43 -1.66 0.00	36.64 -1.56 0.00	36.53 -1.77 0.00	32.95 -1.41 0.00	27.79 -1.53 0.00	24.53 -1.09 0.00
HUNTLEY___68 23562	26.52 -1.59 0.00	31.03 -1.27 0.00	23.72 -1.01 0.00	23.94 -0.89 0.00	24.77 -0.98 0.00	31.88 -1.14 0.00	99.75 -4.29 0.00	42.75 -1.29 0.00	44.50 -1.39 0.00	37.07 -1.05 0.00	30.35 -0.81 0.00	27.30 -0.63 0.00	25.54 -0.34 0.00	26.71 -0.49 0.00	28.12 -0.77 0.00	30.90 -0.81 0.00	36.02 -1.51 0.00	38.38 -1.86 0.00	37.43 -1.66 0.00	36.64 -1.56 0.00	36.53 -1.77 0.00	32.95 -1.41 0.00	27.79 -1.53 0.00	24.53 -1.09 0.00
HYLAND___LFGE 323620	28.10 -0.02 0.00	32.60 0.30 0.00	24.90 0.18 0.00	25.04 0.21 0.00	25.93 0.18 0.00	33.47 0.45 0.00	106.21 2.17 0.00	45.74 1.71 0.00	47.37 1.48 0.00	38.80 0.69 0.00	31.02 -0.14 0.00	27.83 -0.10 0.00	25.99 0.10 0.00	27.20 0.00 0.00	28.54 -0.35 0.00	31.28 -0.44 0.00	36.94 -0.59 0.00	39.89 -0.35 0.00	39.94 0.85 0.00	39.23 1.03 0.00	39.57 1.27 0.00	35.54 1.18 0.00	29.94 0.61 0.00	26.20 0.58 0.00
INDECK___CORINTH 23802	29.29 1.18 0.00	33.45 1.15 0.00	25.62 0.90 0.00	25.71 0.88 0.00	26.72 0.97 0.00	34.31 1.29 0.00	108.05 4.01 0.00	46.04 2.00 0.00	47.83 1.94 0.00	39.40 1.29 0.00	32.18 1.03 0.00	28.73 0.81 0.00	26.49 0.61 0.00	27.86 0.66 0.00	29.71 0.82 0.00	32.36 0.64 0.00	38.35 0.82 0.00	41.33 1.10 0.00	40.06 0.97 0.00	39.27 1.06 0.00	39.45 1.15 0.00	35.07 0.71 0.00	30.05 0.73 0.00	26.19 0.58 0.00
INDECK___ILION 23567	28.25 0.14 0.00	32.26 -0.05 0.00	24.69 -0.03 0.00	24.79 -0.04 0.00	25.74 -0.01 0.00	33.06 0.04 0.00	105.37 0.22 -1.11	52.11 0.19 -7.88	49.89 0.05 -3.95	37.97 -0.15 0.00	31.05 -0.11 0.00	27.73 -0.20 0.00	25.60 -0.28 0.00	26.90 -0.30 0.00	28.64 -0.25 0.00	31.45 -0.28 0.00	37.32 -0.20 0.00	40.27 0.03 0.00	39.21 0.12 0.00	38.35 0.14 0.00	38.50 0.20 0.00	34.39 0.04 0.00	29.29 -0.03 0.00	25.55 -0.06 0.00
INDECK___OLEAN 23982	27.75 -0.37 0.00	32.33 0.03 0.00	24.69 -0.04 0.00	24.95 0.12 0.00	25.80 0.05 0.00	33.21 0.19 0.00	104.34 0.30 0.00	45.10 1.06 0.00	46.76 0.88 0.00	38.79 0.67 0.00	31.47 0.32 0.00	28.29 0.36 0.00	26.54 0.66 0.00	27.79 0.59 0.00	29.20 0.30 0.00	32.08 0.36 0.00	37.48 -0.04 0.00	40.10 -0.14 0.00	39.20 0.11 0.00	38.38 0.17 0.00	38.34 0.04 0.00	34.46 0.10 0.00	29.12 -0.21 0.00	25.45 -0.17 0.00
INDECK___OSWEGO 23783	27.19 -0.92 0.00	31.28 -1.02 0.00	23.94 -0.79 0.00	24.06 -0.77 0.00	24.98 -0.77 0.00	32.02 -1.00 0.00	103.29 -3.22 -2.47	60.41 -1.35 -17.73	53.57 -1.47 -9.15	36.89 -1.22 0.00	30.14 -1.02 0.00	27.02 -0.91 0.00	25.02 -0.86 0.00	26.23 -0.97 0.00	27.84 -1.06 0.00	30.63 -1.09 0.00	36.33 -1.20 0.00	39.09 -1.15 0.00	38.08 -1.01 0.00	37.20 -1.00 0.00	37.25 -1.05 0.00	33.35 -1.01 0.00	28.41 -0.92 0.00	24.78 -0.84 0.00
INDECK___YERKES 23781	26.69 -1.42 0.00	31.24 -1.06 0.00	23.86 -0.87 0.00	24.09 -0.74 0.00	24.91 -0.84 0.00	32.08 -0.94 0.00	100.42 -3.62 0.00	43.04 -1.00 0.00	44.83 -1.06 0.00	37.36 -0.75 0.00	30.59 -0.57 0.00	27.52 -0.40 0.00	25.74 -0.14 0.00	26.91 -0.28 0.00	28.35 -0.54 0.00	31.14 -0.58 0.00	36.26 -1.26 0.00	38.63 -1.60 0.00	37.72 -1.37 0.00	36.92 -1.29 0.00	36.77 -1.53 0.00	33.17 -1.19 0.00	27.99 -1.34 0.00	24.70 -0.92 0.00
INDIAN POINT_GT_1 24139	29.50 1.38 0.00	33.64 1.34 0.00	25.73 1.01 0.00	25.83 1.00 0.00	26.69 0.94 0.00	34.18 1.16 0.00	107.95 3.91 0.00	45.85 1.81 0.00	47.70 1.81 0.00	39.79 1.67 0.00	32.57 1.41 0.00	29.14 1.21 0.00	27.05 1.16 0.00	28.52 1.32 0.00	30.43 1.53 0.00	33.35 1.63 0.00	39.39 1.87 0.00	42.08 1.84 0.00	40.78 1.69 0.00	39.72 1.51 0.00	39.82 1.52 0.00	35.61 1.25 0.00	30.34 1.02 0.00	26.47 0.86 0.00
INDIAN POINT_GT_2 23659	29.50 1.38 0.00	33.64 1.34 0.00	25.73 1.01 0.00	25.83 1.00 0.00	26.69 0.94 0.00	34.18 1.16 0.00	107.95 3.91 0.00	45.85 1.81 0.00	47.70 1.81 0.00	39.79 1.67 0.00	32.57 1.41 0.00	29.14 1.21 0.00	27.05 1.16 0.00	28.52 1.32 0.00	30.43 1.53 0.00	33.35 1.63 0.00	39.39 1.87 0.00	42.08 1.84 0.00	40.78 1.69 0.00	39.72 1.51 0.00	39.82 1.52 0.00	35.61 1.25 0.00	30.34 1.02 0.00	26.47 0.86 0.00
INDIAN POINT_GT_3 24019	29.50 1.38 0.00	33.64 1.34 0.00	25.73 1.01 0.00	25.83 1.00 0.00	26.69 0.94 0.00	34.18 1.16 0.00	107.95 3.91 0.00	45.85 1.81 0.00	47.70 1.81 0.00	39.79 1.67 0.00	32.57 1.41 0.00	29.14 1.21 0.00	27.05 1.16 0.00	28.52 1.32 0.00	30.43 1.53 0.00	33.35 1.63 0.00	39.39 1.87 0.00	42.08 1.84 0.00	40.78 1.69 0.00	39.72 1.51 0.00	39.82 1.52 0.00	35.61 1.25 0.00	30.34 1.02 0.00	26.47 0.86 0.00
INDIAN POINT___2 23530	29.43 1.32 0.00	33.57 1.27 0.00	25.68 0.95 0.00	25.78 0.95 0.00	26.64 0.88 0.00	34.11 1.09 0.00	107.74 3.70 0.00	45.75 1.71 0.00	47.59 1.71 0.00	39.69 1.58 0.00	32.49 1.33 0.00	29.07 1.14 0.00	26.99 1.11 0.00	28.45 1.26 0.00	30.35 1.46 0.00	33.27 1.55 0.00	39.30 1.77 0.00	41.98 1.74 0.00	40.69 1.61 0.00	39.63 1.42 0.00	39.71 1.41 0.00	35.53 1.18 0.00	30.29 0.97 0.00	26.43 0.81 0.00
INDIAN POINT___3 23531	29.58 1.46 0.00	33.70 1.39 0.00	25.78 1.05 0.00	25.86 1.03 0.00	26.73 0.98 0.00	34.21 1.19 0.00	108.05 4.01 0.00	45.89 1.85 0.00	47.78 1.89 0.00	39.88 1.76 0.00	32.65 1.49 0.00	29.24 1.31 0.00	27.12 1.24 0.00	28.60 1.40 0.00	30.51 1.62 0.00	33.43 1.71 0.00	39.47 1.94 0.00	42.13 1.90 0.00	40.80 1.71 0.00	39.77 1.56 0.00	39.87 1.57 0.00	35.65 1.30 0.00	30.39 1.07 0.00	26.51 0.89 0.00
INGHAM_C_115KV_TB7 356103	28.24 0.12 0.00	32.01 -0.29 0.00	24.53 -0.19 0.00	24.60 -0.23 0.00	25.58 -0.17 0.00	32.92 -0.10 0.00	104.97 -0.18 -1.11	52.04 0.12 -7.88	49.62 -0.23 -3.95	37.44 -0.67 0.00	30.67 -0.49 0.00	27.24 -0.68 0.00	25.01 -0.87 0.00	26.28 -0.91 0.00	28.09 -0.80 0.00	30.84 -0.88 0.00	36.76 -0.77 0.00	39.98 -0.26 0.00	39.06 -0.03 0.00	38.22 0.01 0.00	38.47 0.16 0.00	34.25 -0.10 0.00	29.10 -0.23 0.00	25.36 -0.26 0.00
IP CORINTH___1 23988	29.43 1.32 0.00	33.62 1.32 0.00	25.75 1.03 0.00	25.84 1.01 0.00	26.86 1.10 0.00	34.48 1.46 0.00	108.64 4.60 0.00	46.29 2.25 0.00	48.09 2.21 0.00	39.62 1.50 0.00	32.34 1.18 0.00	28.88 0.95 0.00	26.63 0.75 0.00	28.01 0.81 0.00	29.86 0.97 0.00	32.53 0.81 0.00	38.55 1.03 0.00	41.56 1.32 0.00	40.28 1.19 0.00	39.48 1.28 0.00	39.66 1.36 0.00	35.27 0.91 0.00	30.20 0.88 0.00	26.33 0.71 0.00

IP___TICONDEROGA 23804	30.80 2.69 0.00	35.19 2.88 0.00	27.06 2.34 0.00	27.20 2.36 0.00	28.29 2.53 0.00	36.39 3.37 0.00	114.17 10.13 0.00	49.04 5.01 0.00	50.99 5.10 0.00	41.36 3.25 0.00	33.46 2.30 0.00	29.93 2.01 0.00	27.59 1.71 0.00	29.18 1.98 0.00	31.28 2.39 0.00	34.21 2.49 0.00	40.27 2.74 0.00	43.44 3.21 0.00	42.18 3.10 0.00	41.61 3.40 0.00	42.05 3.75 0.00	37.25 2.89 0.00	31.67 2.35 0.00	27.68 2.07 0.00
ISLIP_RES_REC 323679	30.24 2.13 0.00	34.35 2.04 0.00	26.24 1.51 0.00	26.28 1.45 0.00	27.09 1.34 0.00	34.39 1.37 0.00	108.52 4.48 0.00	44.71 1.45 0.77	35.02 1.55 12.42	39.95 1.83 0.00	33.03 1.87 0.00	29.75 1.82 0.00	27.39 1.51 0.00	28.84 1.64 0.00	30.79 1.90 0.00	33.61 1.90 0.00	39.16 1.96 0.33	42.19 1.95 0.00	39.44 1.69 1.33	39.77 1.56 0.00	39.92 1.62 0.00	29.89 1.23 5.70	30.55 1.23 0.00	26.86 1.24 0.00
JAMAICA__27_KV_LOAD 355505	29.88 1.77 0.00	34.06 1.75 0.00	26.10 1.38 0.00	26.16 1.34 0.00	27.04 1.28 0.00	34.61 1.59 0.00	109.13 5.09 0.00	46.99 2.33 -0.63	49.24 2.39 -0.97	40.28 2.17 0.00	32.99 1.83 0.00	29.56 1.64 0.00	27.46 1.58 0.00	28.95 1.75 0.00	30.87 1.98 0.00	33.82 2.10 0.00	39.94 2.41 0.00	42.56 2.32 0.00	41.94 2.12 -0.74	40.11 1.91 0.00	40.25 1.95 0.00	35.97 1.61 0.00	30.64 1.32 0.00	26.75 1.14 0.00
JANIS___SOLAR 323808	28.41 0.29 0.00	32.66 0.35 0.00	24.94 0.22 0.00	25.09 0.26 0.00	26.12 0.37 0.00	33.64 0.62 0.00	106.39 2.35 0.00	45.47 1.40 -0.03	47.35 1.40 -0.06	39.07 0.96 0.00	31.80 0.64 0.00	28.27 0.34 0.00	26.06 0.18 0.00	27.17 -0.03 0.00	28.61 -0.28 0.00	31.55 -0.17 0.00	38.03 0.51 0.00	41.33 1.09 0.00	40.56 1.48 0.00	39.92 1.71 0.00	40.08 1.78 0.00	35.82 1.46 0.00	30.33 1.01 0.00	26.46 0.84 0.00
JARVIS____ 23743	28.20 0.09 0.00	32.35 0.04 0.00	24.75 0.02 0.00	24.86 0.03 0.00	25.78 0.03 0.00	33.06 0.04 0.00	105.33 0.18 -1.11	52.00 0.08 -7.88	49.91 0.07 -3.95	38.18 0.06 0.00	31.20 0.04 0.00	27.94 0.02 0.00	25.88 0.00 0.00	27.21 0.01 0.00	28.92 0.03 0.00	31.73 0.02 0.00	37.54 0.02 0.00	40.30 0.06 0.00	39.14 0.06 0.00	38.28 0.07 0.00	38.36 0.07 0.00	34.36 0.00 0.00	29.32 0.00 0.00	25.60 -0.01 0.00
JENNISON___1 23625	28.59 0.47 0.00	32.88 0.58 0.00	25.11 0.39 0.00	25.27 0.44 0.00	26.28 0.52 0.00	33.85 0.83 0.00	106.05 2.01 0.00	45.56 1.52 0.00	47.61 1.72 0.00	39.35 1.24 0.00	32.08 0.92 0.00	28.71 0.78 0.00	26.76 0.88 0.00	28.08 0.89 0.00	29.52 0.63 0.00	32.27 0.55 0.00	38.29 0.76 0.00	41.32 1.08 0.00	40.05 0.96 0.00	39.45 1.24 0.00	39.73 1.42 0.00	35.51 1.15 0.00	30.09 0.76 0.00	26.25 0.64 0.00
JENNISON___2 23626	28.59 0.47 0.00	32.88 0.58 0.00	25.11 0.39 0.00	25.27 0.44 0.00	26.28 0.52 0.00	33.85 0.83 0.00	106.05 2.01 0.00	45.56 1.52 0.00	47.61 1.72 0.00	39.35 1.24 0.00	32.08 0.92 0.00	28.71 0.78 0.00	26.76 0.88 0.00	28.08 0.89 0.00	29.52 0.63 0.00	32.27 0.55 0.00	38.29 0.76 0.00	41.32 1.08 0.00	40.05 0.96 0.00	39.45 1.24 0.00	39.73 1.42 0.00	35.51 1.15 0.00	30.09 0.76 0.00	26.25 0.64 0.00
JERICHO_RISE_WT_PWR 323719	28.34 0.22 0.00	32.93 0.62 0.00	25.24 0.52 0.00	25.22 0.39 0.00	26.37 0.61 0.00	33.79 0.78 0.00	112.64 2.45 -6.15	271.13 1.27 -225.83	164.68 1.59 -117.20	39.09 0.97 0.00	32.17 1.01 0.00	28.97 1.05 0.00	26.70 0.82 0.00	28.10 0.90 0.00	29.82 0.93 0.00	32.65 0.93 0.00	38.51 0.98 0.00	41.15 0.91 0.00	39.71 0.62 0.00	38.64 0.43 0.00	38.96 0.66 0.00	34.96 0.60 0.00	30.04 0.71 0.00	26.41 0.79 0.00
KATONAH___115KV_46KV_TB4 355592	29.74 1.63 0.00	33.89 1.58 0.00	25.91 1.19 0.00	25.99 1.17 0.00	26.88 1.13 0.00	34.43 1.41 0.00	108.80 4.76 0.00	46.25 2.22 0.00	48.18 2.29 0.00	40.18 2.07 0.00	32.89 1.73 0.00	29.43 1.51 0.00	27.31 1.43 0.00	28.73 1.53 0.00	30.65 1.75 0.00	33.59 1.88 0.00	39.67 2.14 0.00	42.38 2.14 0.00	41.07 1.99 0.00	40.04 1.83 0.00	40.13 1.83 0.00	35.87 1.51 0.00	30.54 1.22 0.00	26.63 1.02 0.00
KCE_NY_1 323755	29.54 1.43 0.00	33.76 1.46 0.00	25.83 1.11 0.00	25.93 1.10 0.00	26.92 1.17 0.00	34.55 1.53 0.00	108.90 4.86 0.00	46.27 2.24 0.00	48.16 2.27 0.00	39.81 1.70 0.00	32.51 1.35 0.00	29.03 1.10 0.00	26.77 0.89 0.00	28.15 0.95 0.00	30.02 1.12 0.00	32.89 1.17 0.00	39.03 1.51 0.00	42.01 1.77 0.00	40.75 1.67 0.00	39.90 1.69 0.00	40.06 1.76 0.00	35.67 1.31 0.00	30.41 1.08 0.00	26.51 0.89 0.00
KCE_NY_6_ESR 323823	26.90 -1.22 0.00	31.45 -0.85 0.00	24.03 -0.69 0.00	24.25 -0.58 0.00	25.09 -0.66 0.00	32.33 -0.69 0.00	101.33 -2.71 0.00	43.50 -0.54 0.00	45.24 -0.65 0.00	37.67 -0.44 0.00	30.79 -0.37 0.00	27.71 -0.22 0.00	25.94 0.06 0.00	27.12 -0.08 0.00	28.52 -0.37 0.00	31.35 -0.37 0.00	36.57 -0.96 0.00	39.00 -1.24 0.00	38.07 -1.02 0.00	37.29 -0.91 0.00	37.20 -1.11 0.00	33.55 -0.81 0.00	28.27 -1.06 0.00	24.90 -0.72 0.00
KEDC_PORT_JEFF_GT2 24210	30.11 1.99 0.00	34.23 1.92 0.00	26.14 1.42 0.00	26.19 1.36 0.00	26.99 1.24 0.00	34.26 1.24 0.00	108.04 4.00 0.00	44.47 1.22 0.78	34.56 1.19 12.52	39.74 1.63 0.00	32.88 1.72 0.00	29.61 1.68 0.00	27.27 1.39 0.00	28.73 1.53 0.00	30.66 1.77 0.00	33.45 1.73 0.00	38.96 1.76 0.33	41.96 1.73 0.00	39.12 1.38 1.35	39.47 1.26 0.00	39.72 1.42 0.00	29.68 1.06 5.74	30.42 1.09 0.00	26.76 1.14 0.00
KEDC_PORT_JEFF_GT3 24211	30.11 1.99 0.00	34.23 1.92 0.00	26.14 1.42 0.00	26.19 1.36 0.00	26.99 1.24 0.00	34.26 1.24 0.00	108.04 4.00 0.00	44.47 1.22 0.78	34.56 1.19 12.52	39.74 1.63 0.00	32.88 1.72 0.00	29.61 1.68 0.00	27.27 1.39 0.00	28.73 1.53 0.00	30.66 1.77 0.00	33.45 1.73 0.00	38.96 1.76 0.33	41.96 1.73 0.00	39.12 1.38 1.35	39.47 1.26 0.00	39.72 1.42 0.00	29.68 1.06 5.74	30.42 1.09 0.00	26.76 1.14 0.00
KEDC_GLWD_GT4 24219	29.93 1.82 0.00	34.05 1.74 0.00	25.99 1.27 0.00	26.06 1.23 0.00	26.89 1.14 0.00	34.30 1.29 0.00	108.26 4.22 0.00	45.73 1.69 0.00	43.10 1.77 4.55	39.92 1.81 0.00	32.88 1.72 0.00	29.55 1.63 0.00	27.35 1.46 0.00	28.84 1.65 0.00	30.80 1.91 0.00	33.69 1.97 0.00	39.49 2.10 0.13	42.25 2.01 0.00	40.71 1.77 0.15	39.83 1.62 0.00	39.95 1.65 0.00	33.39 1.32 2.29	30.52 1.20 0.00	26.72 1.11 0.00
KEDC_GLWD_GT5 24220	29.93 1.82 0.00	34.05 1.74 0.00	25.99 1.27 0.00	26.06 1.23 0.00	26.89 1.14 0.00	34.30 1.29 0.00	108.26 4.22 0.00	45.73 1.69 0.00	43.10 1.77 4.55	39.92 1.81 0.00	32.88 1.72 0.00	29.55 1.63 0.00	27.35 1.46 0.00	28.84 1.65 0.00	30.80 1.91 0.00	33.69 1.97 0.00	39.49 2.10 0.13	42.25 2.01 0.00	40.71 1.77 0.15	39.83 1.62 0.00	39.95 1.65 0.00	33.39 1.32 2.29	30.52 1.20 0.00	26.72 1.11 0.00

KENSICO____ 23655	29.60 1.49 0.00	33.74 1.43 0.00	25.80 1.08 0.00	25.89 1.06 0.00	26.76 1.00 0.00	34.24 1.23 0.00	108.16 4.12 0.00	45.94 1.90 0.00	47.83 1.94 0.00	39.92 1.80 0.00	32.69 1.53 0.00	29.27 1.34 0.00	27.16 1.28 0.00	28.64 1.44 0.00	30.56 1.66 0.00	33.48 1.76 0.00	39.52 1.99 0.00	42.18 1.94 0.00	40.85 1.77 0.00	39.81 1.60 0.00	39.91 1.61 0.00	35.70 1.34 0.00	30.42 1.10 0.00	26.54 0.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.75 1.63 0.00	33.94 1.63 0.00	25.94 1.22 0.00	26.04 1.21 0.00	26.93 1.18 0.00	34.54 1.52 0.00	109.22 5.18 0.00	46.45 2.41 0.00	48.28 2.39 0.00	40.10 1.99 0.00	32.72 1.56 0.00	29.23 1.30 0.00	27.11 1.23 0.00	28.59 1.39 0.00	30.48 1.59 0.00	33.49 1.77 0.00	39.64 2.11 0.00	42.55 2.32 0.00	41.37 2.29 0.00	40.34 2.13 0.00	40.37 2.08 0.00	36.08 1.72 0.00	30.72 1.40 0.00	26.77 1.16 0.00
KIAC_JFK_GT1 23816	29.72 1.60 0.00	33.87 1.57 0.00	25.96 1.24 0.00	26.04 1.21 0.00	26.90 1.14 0.00	34.41 1.39 0.00	108.51 4.46 0.00	46.72 2.06 -0.63	48.95 2.09 -0.97	40.05 1.94 0.00	32.80 1.65 0.00	29.40 1.47 0.00	27.31 1.43 0.00	28.79 1.59 0.00	30.71 1.81 0.00	33.63 1.91 0.00	39.70 2.18 0.00	42.31 2.08 0.00	41.70 1.87 -0.74	39.87 1.67 0.00	40.01 1.70 0.00	35.77 1.41 0.00	30.47 1.15 0.00	26.60 0.99 0.00
KIAC_JFK_GT2 23817	29.72 1.60 0.00	33.87 1.57 0.00	25.96 1.24 0.00	26.04 1.21 0.00	26.90 1.14 0.00	34.41 1.39 0.00	108.51 4.46 0.00	46.72 2.06 -0.63	48.95 2.09 -0.97	40.05 1.94 0.00	32.80 1.65 0.00	29.40 1.47 0.00	27.31 1.43 0.00	28.79 1.59 0.00	30.71 1.81 0.00	33.63 1.91 0.00	39.70 2.18 0.00	42.31 2.08 0.00	41.70 1.87 -0.74	39.87 1.67 0.00	40.01 1.70 0.00	35.77 1.41 0.00	30.47 1.15 0.00	26.60 0.99 0.00
KIAC_JFK____ 323774	29.72 1.60 0.00	33.87 1.57 0.00	25.96 1.24 0.00	26.04 1.21 0.00	26.90 1.15 0.00	34.40 1.39 0.00	108.50 4.46 0.00	46.72 2.05 -0.63	48.94 2.08 -0.97	40.05 1.94 0.00	32.81 1.65 0.00	29.40 1.47 0.00	27.31 1.43 0.00	28.78 1.59 0.00	30.71 1.81 0.00	33.63 1.91 0.00	39.70 2.17 0.00	42.31 2.07 0.00	41.70 1.87 -0.74	39.87 1.66 0.00	40.01 1.70 0.00	35.77 1.41 0.00	30.47 1.15 0.00	26.61 0.99 0.00
KINTIGH____ 23543	26.57 -1.54 0.00	31.00 -1.30 0.00	23.68 -1.04 0.00	23.90 -0.93 0.00	24.74 -1.01 0.00	31.82 -1.20 0.00	99.62 -4.42 0.00	42.62 -1.42 0.00	44.37 -1.52 0.00	36.90 -1.21 0.00	30.21 -0.95 0.00	27.13 -0.80 0.00	25.34 -0.55 0.00	26.52 -0.68 0.00	27.98 -0.92 0.00	30.75 -0.97 0.00	35.96 -1.56 0.00	38.39 -1.85 0.00	37.42 -1.67 0.00	36.60 -1.60 0.00	36.50 -1.80 0.00	32.87 -1.49 0.00	27.77 -1.55 0.00	24.45 -1.16 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.98 0.86 0.00	33.62 1.31 0.00	25.83 1.10 0.00	25.80 0.97 0.00	26.96 1.21 0.00	34.65 1.63 0.00	111.99 5.23 -2.72	261.10 2.69 -214.38	160.64 3.01 -111.74	39.83 1.72 0.00	32.92 1.76 0.00	29.60 1.68 0.00	27.13 1.25 0.00	28.58 1.38 0.00	30.31 1.42 0.00	33.17 1.45 0.00	39.09 1.56 0.00	41.76 1.53 0.00	40.25 1.17 0.00	39.23 1.02 0.00	39.85 1.55 0.00	35.81 1.46 0.00	30.77 1.45 0.00	27.07 1.46 0.00
LACHUTE__HYDRO 323717	30.80 2.69 0.00	35.19 2.88 0.00	27.06 2.34 0.00	27.19 2.37 0.00	28.29 2.53 0.00	36.39 3.37 0.00	114.17 10.13 0.00	49.04 5.01 0.00	50.98 5.09 0.00	41.37 3.25 0.00	33.47 2.31 0.00	29.93 2.01 0.00	27.59 1.71 0.00	29.17 1.98 0.00	31.28 2.39 0.00	34.21 2.49 0.00	40.27 2.74 0.00	43.44 3.20 0.00	42.18 3.10 0.00	41.61 3.40 0.00	42.05 3.75 0.00	37.25 2.89 0.00	31.67 2.35 0.00	27.69 2.07 0.00
LAWRNCV_115KV_TB1 80681	28.75 0.64 0.00	33.32 1.02 0.00	25.54 0.82 0.00	25.64 0.81 0.00	26.66 0.91 0.00	34.19 1.17 0.00	167.90 3.91 -59.95	462.11 1.42 -416.65	256.33 1.65 -208.79	39.34 1.22 0.00	32.22 1.07 0.00	28.99 1.06 0.00	26.89 1.00 0.00	28.24 1.04 0.00	29.96 1.06 0.00	32.89 1.17 0.00	38.84 1.31 0.00	41.61 1.38 0.00	40.43 1.34 0.00	39.55 1.34 0.00	39.68 1.37 0.00	35.60 1.25 0.00	30.42 1.10 0.00	26.62 1.01 0.00
LEDERLE____ 23769	29.47 1.36 0.00	33.63 1.33 0.00	25.73 1.01 0.00	25.84 1.01 0.00	26.70 0.95 0.00	34.21 1.20 0.00	108.15 4.11 0.00	45.95 1.91 0.00	47.73 1.85 0.00	39.79 1.67 0.00	32.55 1.39 0.00	29.11 1.18 0.00	27.04 1.16 0.00	28.51 1.32 0.00	30.41 1.52 0.00	33.36 1.64 0.00	39.44 1.92 0.00	42.16 1.93 0.00	40.89 1.80 0.00	39.78 1.57 0.00	39.85 1.55 0.00	35.67 1.31 0.00	30.40 1.08 0.00	26.50 0.88 0.00
LIGHTRSE_115KV_TB6 355974	27.46 -0.66 0.00	31.72 -0.58 0.00	24.30 -0.43 0.00	24.48 -0.35 0.00	25.47 -0.29 0.00	32.66 -0.36 0.00	108.80 -1.11 -5.87	85.45 -0.32 -41.74	66.59 -0.38 -21.08	37.75 -0.37 0.00	30.81 -0.35 0.00	27.60 -0.32 0.00	25.50 -0.39 0.00	26.68 -0.52 0.00	28.29 -0.61 0.00	31.15 -0.57 0.00	36.99 -0.54 0.00	39.98 -0.26 0.00	39.06 -0.03 0.00	38.16 -0.04 0.00	38.22 -0.08 0.00	34.18 -0.17 0.00	29.12 -0.20 0.00	25.40 -0.21 0.00
LINDEN COGEN____ 23786	29.58 1.47 0.00	33.72 1.41 0.00	25.81 1.09 0.00	25.90 1.08 0.00	26.73 0.98 0.00	34.20 1.18 0.00	107.96 3.92 0.00	45.81 1.77 0.00	47.66 1.77 0.00	39.84 1.73 0.00	32.68 1.52 0.00	29.25 1.33 0.00	27.15 1.27 0.00	28.64 1.44 0.00	30.56 1.66 0.00	33.46 1.74 0.00	39.49 1.96 0.00	42.10 1.87 0.00	40.76 1.67 0.00	39.67 1.46 0.00	39.78 1.48 0.00	35.67 1.31 0.00	30.39 1.07 0.00	26.53 0.92 0.00
LINDHRST_69_KV_BK1 356055	30.22 2.10 0.00	34.31 2.01 0.00	26.20 1.48 0.00	26.25 1.42 0.00	27.06 1.31 0.00	34.44 1.42 0.00	108.72 4.68 0.00	45.07 1.66 0.63	36.82 1.79 10.87	40.04 1.92 0.00	33.07 1.91 0.00	29.73 1.80 0.00	27.43 1.55 0.00	28.91 1.71 0.00	30.83 1.93 0.00	33.68 1.96 0.00	39.29 2.05 0.29	42.26 2.02 0.00	39.78 1.80 1.11	39.90 1.69 0.00	40.03 1.72 0.00	30.67 1.33 5.01	30.61 1.29 0.00	26.88 1.27 0.00
LIPA_MISC_IPP 23656	30.12 2.00 0.00	34.20 1.90 0.00	26.13 1.41 0.00	26.18 1.35 0.00	26.98 1.23 0.00	34.22 1.20 0.00	108.00 3.96 0.00	44.37 1.12 0.78	34.61 1.28 12.56	39.69 1.58 0.00	32.80 1.64 0.00	29.53 1.61 0.00	27.18 1.30 0.00	28.63 1.44 0.00	30.60 1.70 0.00	33.40 1.68 0.00	38.93 1.73 0.33	41.91 1.68 0.00	39.18 1.45 1.35	39.53 1.33 0.00	39.70 1.40 0.00	29.65 1.05 5.76	30.41 1.09 0.00	26.74 1.12 0.00
LISF__SOLAR 323691	30.16 2.04 0.00	34.25 1.95 0.00	26.17 1.44 0.00	26.21 1.38 0.00	27.03 1.27 0.00	34.26 1.24 0.00	108.20 4.16 0.00	44.44 1.19 0.78	34.71 1.37 12.55	39.75 1.64 0.00	32.84 1.68 0.00	29.57 1.64 0.00	27.19 1.31 0.00	28.64 1.44 0.00	30.61 1.72 0.00	33.43 1.71 0.00	38.96 1.77 0.33	41.98 1.74 0.00	39.25 1.52 1.35	39.60 1.40 0.00	39.77 1.47 0.00	29.73 1.12 5.75	30.46 1.13 0.00	26.78 1.17 0.00

LITTLE FALLS___HYD 24013	28.24 0.12 0.00	32.01 -0.29 0.00	24.53 -0.19 0.00	24.60 -0.23 0.00	25.58 -0.17 0.00	32.92 -0.10 0.00	104.97 -0.18 -1.11	52.04 0.12 -7.88	49.62 -0.23 -3.95	37.44 -0.67 0.00	30.67 -0.49 0.00	27.24 -0.68 0.00	25.01 -0.87 0.00	26.28 -0.91 0.00	28.09 -0.80 0.00	30.84 -0.88 0.00	36.76 -0.77 0.00	39.98 -0.26 0.00	39.06 -0.03 0.00	38.22 0.01 0.00	38.47 0.16 0.00	34.25 -0.10 0.00	29.10 -0.23 0.00	25.36 -0.26 0.00
LITTLRIV_115KV_TB1 356100	29.13 1.01 0.00	33.77 1.47 0.00	25.89 1.16 0.00	25.98 1.15 0.00	27.04 1.29 0.00	34.70 1.67 0.00	167.00 5.73 -57.23	448.14 2.21 -401.90	249.79 2.41 -201.49	39.93 1.82 0.00	32.67 1.52 0.00	29.36 1.44 0.00	27.20 1.32 0.00	28.52 1.32 0.00	30.25 1.36 0.00	33.27 1.55 0.00	39.33 1.80 0.00	42.18 1.95 0.00	41.10 2.01 0.00	40.24 2.03 0.00	40.33 2.03 0.00	36.18 1.82 0.00	30.87 1.54 0.00	27.00 1.39 0.00
LI_NEWBRDGE___DRP 323616	29.73 1.62 0.00	33.82 1.52 0.00	25.83 1.11 0.00	25.90 1.07 0.00	26.72 0.97 0.00	34.06 1.04 0.00	107.41 3.37 0.00	44.33 1.30 1.00	33.34 1.35 13.90	39.60 1.49 0.00	32.64 1.48 0.00	29.33 1.40 0.00	27.14 1.26 0.00	28.61 1.41 0.00	30.52 1.62 0.00	33.35 1.63 0.00	38.86 1.69 0.36	41.84 1.60 0.00	38.79 1.37 1.67	39.45 1.24 0.00	39.58 1.28 0.00	29.07 0.98 6.27	30.27 0.95 0.00	26.53 0.92 0.00
LOCKPORT_115KV_TB60_63_64 80432	26.41 -1.71 0.00	30.90 -1.40 0.00	23.60 -1.12 0.00	23.84 -0.99 0.00	24.66 -1.09 0.00	31.75 -1.27 0.00	99.30 -4.74 0.00	42.56 -1.48 0.00	44.32 -1.57 0.00	36.89 -1.23 0.00	30.22 -0.94 0.00	27.17 -0.76 0.00	25.39 -0.50 0.00	26.54 -0.66 0.00	27.95 -0.94 0.00	30.71 -1.02 0.00	35.75 -1.77 0.00	38.16 -2.08 0.00	37.29 -1.80 0.00	36.50 -1.70 0.00	36.35 -1.95 0.00	32.80 -1.56 0.00	27.66 -1.66 0.00	24.48 -1.14 0.00
LOCKPORT___CC1 323769	26.40 -1.72 0.00	30.90 -1.41 0.00	23.61 -1.11 0.00	23.83 -0.99 0.00	24.66 -1.09 0.00	31.75 -1.27 0.00	99.24 -4.80 0.00	42.55 -1.48 0.00	44.30 -1.59 0.00	36.89 -1.23 0.00	30.20 -0.96 0.00	27.17 -0.76 0.00	25.39 -0.49 0.00	26.55 -0.65 0.00	27.96 -0.93 0.00	30.72 -1.00 0.00	35.79 -1.74 0.00	38.15 -2.09 0.00	37.28 -1.81 0.00	36.50 -1.71 0.00	36.35 -1.95 0.00	32.79 -1.57 0.00	27.66 -1.67 0.00	24.45 -1.17 0.00
LOCKPORT___CC2 323770	26.40 -1.72 0.00	30.90 -1.41 0.00	23.61 -1.11 0.00	23.83 -0.99 0.00	24.66 -1.09 0.00	31.75 -1.27 0.00	99.24 -4.80 0.00	42.55 -1.48 0.00	44.30 -1.59 0.00	36.89 -1.23 0.00	30.20 -0.96 0.00	27.17 -0.76 0.00	25.39 -0.49 0.00	26.55 -0.65 0.00	27.96 -0.93 0.00	30.72 -1.00 0.00	35.79 -1.74 0.00	38.15 -2.09 0.00	37.28 -1.81 0.00	36.50 -1.71 0.00	36.35 -1.95 0.00	32.79 -1.57 0.00	27.66 -1.67 0.00	24.45 -1.17 0.00
LOCKPORT___CC3 323771	26.40 -1.72 0.00	30.90 -1.41 0.00	23.61 -1.11 0.00	23.83 -0.99 0.00	24.66 -1.09 0.00	31.75 -1.27 0.00	99.24 -4.80 0.00	42.55 -1.48 0.00	44.30 -1.59 0.00	36.89 -1.23 0.00	30.20 -0.96 0.00	27.17 -0.76 0.00	25.39 -0.49 0.00	26.55 -0.65 0.00	27.96 -0.93 0.00	30.72 -1.00 0.00	35.79 -1.74 0.00	38.15 -2.09 0.00	37.28 -1.81 0.00	36.50 -1.71 0.00	36.35 -1.95 0.00	32.79 -1.57 0.00	27.66 -1.67 0.00	24.45 -1.17 0.00
LONG_LAKE_PHOENIX 24014	27.33 -0.79 0.00	31.41 -0.89 0.00	24.03 -0.69 0.00	24.15 -0.68 0.00	25.07 -0.69 0.00	32.16 -0.86 0.00	103.17 -2.75 -1.88	56.39 -1.14 -13.49	51.61 -1.25 -6.97	37.08 -1.04 0.00	30.28 -0.88 0.00	27.14 -0.79 0.00	25.13 -0.75 0.00	26.36 -0.84 0.00	27.95 -0.94 0.00	30.78 -0.94 0.00	36.50 -1.02 0.00	39.22 -1.01 0.00	38.23 -0.85 0.00	37.36 -0.85 0.00	37.41 -0.89 0.00	33.49 -0.87 0.00	28.50 -0.82 0.00	24.86 -0.75 0.00
LOVETT___3 23632	29.32 1.21 0.00	33.47 1.17 0.00	25.60 0.88 0.00	25.71 0.88 0.00	26.58 0.82 0.00	34.04 1.02 0.00	107.54 3.50 0.00	45.68 1.64 0.00	47.45 1.57 0.00	39.55 1.44 0.00	32.36 1.21 0.00	28.94 1.01 0.00	26.88 0.99 0.00	28.35 1.15 0.00	30.23 1.34 0.00	33.15 1.43 0.00	39.19 1.66 0.00	41.88 1.64 0.00	40.61 1.53 0.00	39.52 1.32 0.00	39.60 1.30 0.00	35.44 1.09 0.00	30.22 0.90 0.00	26.36 0.75 0.00
LOVETT___4 23642	29.32 1.21 0.00	33.47 1.17 0.00	25.60 0.88 0.00	25.71 0.88 0.00	26.58 0.82 0.00	34.04 1.02 0.00	107.54 3.50 0.00	45.68 1.64 0.00	47.45 1.57 0.00	39.55 1.44 0.00	32.36 1.21 0.00	28.94 1.01 0.00	26.88 0.99 0.00	28.35 1.15 0.00	30.23 1.34 0.00	33.15 1.43 0.00	39.19 1.66 0.00	41.88 1.64 0.00	40.61 1.53 0.00	39.52 1.32 0.00	39.60 1.30 0.00	35.44 1.09 0.00	30.22 0.90 0.00	26.36 0.75 0.00
LOVETT___5 23593	29.32 1.21 0.00	33.47 1.17 0.00	25.60 0.88 0.00	25.71 0.88 0.00	26.58 0.82 0.00	34.04 1.02 0.00	107.54 3.50 0.00	45.68 1.64 0.00	47.45 1.57 0.00	39.55 1.44 0.00	32.36 1.21 0.00	28.94 1.01 0.00	26.88 0.99 0.00	28.35 1.15 0.00	30.23 1.34 0.00	33.15 1.43 0.00	39.19 1.66 0.00	41.88 1.64 0.00	40.61 1.53 0.00	39.52 1.32 0.00	39.60 1.30 0.00	35.44 1.09 0.00	30.22 0.90 0.00	26.36 0.75 0.00
LOWER RAQUET___HYD 24057	28.78 0.67 0.00	33.36 1.06 0.00	25.57 0.85 0.00	25.67 0.84 0.00	26.71 0.96 0.00	34.26 1.24 0.00	162.87 4.16 -54.66	433.63 1.56 -388.03	242.32 1.80 -194.63	39.44 1.33 0.00	32.32 1.16 0.00	29.07 1.14 0.00	26.94 1.06 0.00	28.29 1.09 0.00	30.00 1.11 0.00	32.95 1.23 0.00	38.92 1.40 0.00	41.72 1.48 0.00	40.55 1.47 0.00	39.67 1.47 0.00	39.79 1.49 0.00	35.70 1.34 0.00	30.49 1.17 0.00	26.69 1.08 0.00
LOWER___HUDSON 24059	29.22 1.11 0.00	33.36 1.05 0.00	25.53 0.81 0.00	25.62 0.79 0.00	26.59 0.84 0.00	34.07 1.05 0.00	107.26 3.22 0.00	45.54 1.50 0.00	47.50 1.61 0.00	39.33 1.22 0.00	32.11 0.95 0.00	28.67 0.74 0.00	26.49 0.61 0.00	27.89 0.69 0.00	29.78 0.89 0.00	32.65 0.93 0.00	38.61 1.08 0.00	41.45 1.21 0.00	40.20 1.11 0.00	39.38 1.17 0.00	39.59 1.29 0.00	35.25 0.89 0.00	30.04 0.72 0.00	26.20 0.59 0.00
LOWVILLE_115KV_TB2 356335	28.31 0.20 0.00	32.75 0.45 0.00	25.05 0.33 0.00	25.36 0.53 0.00	26.47 0.72 0.00	33.94 0.92 0.00	123.01 3.39 -15.58	156.23 1.59 -110.60	103.13 1.73 -55.51	39.51 1.39 0.00	32.29 1.13 0.00	28.90 0.97 0.00	26.67 0.79 0.00	27.88 0.68 0.00	29.40 0.51 0.00	32.36 0.64 0.00	38.65 1.13 0.00	41.96 1.72 0.00	41.03 1.94 0.00	40.10 1.90 0.00	40.01 1.71 0.00	35.76 1.40 0.00	30.47 1.15 0.00	26.59 0.97 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.53 1.41 0.00	33.75 1.44 0.00	25.83 1.11 0.00	25.92 1.09 0.00	26.91 1.15 0.00	34.52 1.50 0.00	108.86 4.82 0.00	46.24 2.20 0.00	48.13 2.25 0.00	39.78 1.67 0.00	32.49 1.33 0.00	29.01 1.08 0.00	26.76 0.88 0.00	28.14 0.94 0.00	30.01 1.12 0.00	32.87 1.15 0.00	39.01 1.49 0.00	41.98 1.74 0.00	40.72 1.64 0.00	39.87 1.67 0.00	40.03 1.72 0.00	35.64 1.28 0.00	30.39 1.07 0.00	26.50 0.88 0.00

LUTHERNY_35_KV_BK2 355980	29.54 1.43 0.00	33.76 1.46 0.00	25.83 1.11 0.00	25.93 1.10 0.00	26.93 1.17 0.00	34.55 1.53 0.00	108.90 4.86 0.00	46.28 2.24 0.00	48.16 2.27 0.00	39.81 1.70 0.00	32.51 1.35 0.00	29.03 1.10 0.00	26.77 0.89 0.00	28.15 0.95 0.00	30.02 1.12 0.00	32.89 1.17 0.00	39.03 1.51 0.00	42.01 1.77 0.00	40.75 1.67 0.00	39.90 1.69 0.00	40.06 1.76 0.00	35.67 1.31 0.00	30.41 1.09 0.00	26.50 0.89 0.00
LWR___OSWEGATCHIE_HYD 23850	28.51 0.39 0.00	33.03 0.72 0.00	25.30 0.58 0.00	25.50 0.67 0.00	26.58 0.82 0.00	34.09 1.08 0.00	144.88 3.75 -37.10	308.94 1.57 -263.34	179.75 1.75 -132.11	39.43 1.31 0.00	32.26 1.10 0.00	28.94 1.02 0.00	26.76 0.88 0.00	28.02 0.83 0.00	29.66 0.76 0.00	32.61 0.90 0.00	38.72 1.20 0.00	41.80 1.57 0.00	40.78 1.70 0.00	39.88 1.67 0.00	39.90 1.60 0.00	35.72 1.36 0.00	30.48 1.15 0.00	26.63 1.01 0.00
LYONS_FALL_HYD 23570	28.42 0.31 0.00	32.79 0.49 0.00	25.08 0.35 0.00	25.31 0.48 0.00	26.36 0.61 0.00	33.85 0.83 0.00	117.39 3.04 -10.31	118.65 1.43 -73.18	84.13 1.51 -36.74	39.34 1.22 0.00	32.13 0.97 0.00	28.74 0.82 0.00	26.54 0.66 0.00	27.80 0.60 0.00	29.39 0.49 0.00	32.30 0.58 0.00	38.51 0.99 0.00	41.70 1.46 0.00	40.71 1.63 0.00	39.81 1.60 0.00	39.75 1.45 0.00	35.54 1.18 0.00	30.26 0.94 0.00	26.40 0.79 0.00
MADISON___COUNTY_LFGE 323628	28.52 0.40 0.00	32.80 0.50 0.00	25.08 0.36 0.00	25.20 0.37 0.00	26.19 0.43 0.00	33.73 0.71 0.00	109.83 2.67 -3.12	67.48 1.27 -22.17	58.30 1.26 -11.16	39.13 1.01 0.00	31.91 0.75 0.00	28.51 0.58 0.00	26.31 0.42 0.00	27.60 0.40 0.00	29.23 0.34 0.00	32.07 0.35 0.00	38.30 0.78 0.00	41.31 1.07 0.00	40.31 1.22 0.00	39.42 1.21 0.00	39.42 1.12 0.00	35.24 0.89 0.00	29.98 0.65 0.00	26.15 0.54 0.00
MALONE___115KV_TB1 356076	28.64 0.53 0.00	33.27 0.97 0.00	25.50 0.78 0.00	25.51 0.68 0.00	26.64 0.89 0.00	34.16 1.14 0.00	126.20 3.82 -18.33	312.41 1.81 -266.56	184.74 2.21 -136.64	39.59 1.47 0.00	32.52 1.36 0.00	29.30 1.37 0.00	27.03 1.15 0.00	28.42 1.22 0.00	30.15 1.26 0.00	33.04 1.32 0.00	38.99 1.47 0.00	41.70 1.46 0.00	40.38 1.30 0.00	39.37 1.17 0.00	39.62 1.32 0.00	35.53 1.18 0.00	30.46 1.14 0.00	26.73 1.11 0.00
MAPLEWOD_115KV_TB3 80458	29.08 0.97 0.00	33.19 0.88 0.00	25.40 0.68 0.00	25.47 0.64 0.00	26.44 0.69 0.00	33.89 0.87 0.00	106.89 2.85 0.00	45.37 1.33 0.00	47.30 1.42 0.00	39.21 1.09 0.00	32.03 0.87 0.00	28.61 0.68 0.00	26.47 0.58 0.00	27.84 0.64 0.00	29.72 0.83 0.00	32.59 0.87 0.00	38.58 1.06 0.00	41.43 1.19 0.00	40.19 1.10 0.00	39.35 1.14 0.00	39.49 1.19 0.00	35.16 0.80 0.00	29.94 0.61 0.00	26.09 0.47 0.00
MAPLE_RIDGE_WT_1 323574	27.99 -0.13 0.00	32.39 0.08 0.00	24.77 0.05 0.00	24.96 0.13 0.00	25.96 0.21 0.00	33.22 0.20 0.00	100.75 0.48 3.77	17.44 0.17 26.77	32.75 0.29 13.43	38.37 0.26 0.00	31.43 0.27 0.00	28.22 0.29 0.00	26.14 0.26 0.00	27.48 0.28 0.00	29.14 0.25 0.00	31.90 0.18 0.00	37.79 0.26 0.00	40.49 0.26 0.00	39.28 0.20 0.00	38.40 0.19 0.00	38.55 0.25 0.00	34.58 0.22 0.00	29.53 0.21 0.00	25.83 0.22 0.00
MAPLE_RIDGE_WT_2 323611	27.99 -0.13 0.00	32.39 0.08 0.00	24.77 0.05 0.00	24.96 0.13 0.00	25.96 0.21 0.00	33.22 0.20 0.00	100.75 0.48 3.77	17.44 0.17 26.77	32.75 0.29 13.43	38.37 0.26 0.00	31.43 0.27 0.00	28.22 0.29 0.00	26.14 0.26 0.00	27.48 0.28 0.00	29.14 0.25 0.00	31.90 0.18 0.00	37.79 0.26 0.00	40.49 0.26 0.00	39.28 0.20 0.00	38.40 0.19 0.00	38.55 0.25 0.00	34.58 0.22 0.00	29.53 0.21 0.00	25.83 0.22 0.00
MARBLE_RIVER_WT_PWR 323696	28.45 0.33 0.00	33.03 0.73 0.00	25.35 0.62 0.00	25.30 0.47 0.00	26.46 0.71 0.00	33.94 0.92 0.00	106.99 2.95 0.00	253.77 1.55 -208.17	156.64 1.84 -108.91	39.15 1.04 0.00	32.29 1.13 0.00	29.05 1.13 0.00	26.75 0.87 0.00	28.15 0.95 0.00	29.88 0.98 0.00	32.71 0.99 0.00	38.58 1.06 0.00	41.23 0.99 0.00	39.76 0.67 0.00	38.67 0.47 0.00	39.07 0.76 0.00	35.06 0.70 0.00	30.12 0.80 0.00	26.51 0.89 0.00
MARSHVLE_115KV_TB1 80742	29.70 1.58 0.00	34.12 1.81 0.00	26.15 1.43 0.00	26.29 1.47 0.00	27.33 1.58 0.00	35.18 2.16 0.00	111.17 7.13 0.00	47.18 3.14 0.00	48.80 2.91 0.00	40.18 2.07 0.00	32.79 1.63 0.00	29.38 1.46 0.00	27.04 1.16 0.00	28.56 1.37 0.00	30.28 1.39 0.00	33.19 1.47 0.00	39.39 1.87 0.00	42.67 2.43 0.00	41.72 2.64 0.00	40.80 2.59 0.00	40.92 2.62 0.00	36.73 2.37 0.00	31.25 1.93 0.00	27.29 1.67 0.00
MARSH_HILL_WT_PWR 323713	26.95 -1.16 0.00	31.39 -0.91 0.00	23.99 -0.74 0.00	24.02 -0.80 0.00	24.73 -1.03 0.00	31.86 -1.16 0.00	101.37 -2.67 0.00	43.67 -0.37 0.00	45.13 -0.76 0.00	37.54 -0.57 0.00	30.33 -0.83 0.00	27.50 -0.42 0.00	25.93 0.05 0.00	26.97 -0.23 0.00	28.22 -0.67 0.00	31.05 -0.67 0.00	36.67 -0.86 0.00	39.51 -0.73 0.00	38.74 -0.35 0.00	37.99 -0.22 0.00	38.10 -0.20 0.00	34.39 0.04 0.00	29.06 -0.27 0.00	25.54 -0.07 0.00
MCINTYRE_115KV_TB2 80467	29.28 1.16 0.00	33.94 1.64 0.00	26.01 1.30 0.00	26.11 1.28 0.00	27.16 1.41 0.00	34.88 1.86 0.00	171.73 6.34 -61.35	470.67 2.45 -424.19	261.05 2.64 -212.52	40.08 1.97 0.00	32.78 1.62 0.00	29.44 1.51 0.00	27.24 1.36 0.00	28.52 1.33 0.00	30.27 1.38 0.00	33.30 1.58 0.00	39.41 1.88 0.00	42.28 2.04 0.00	41.26 2.18 0.00	40.43 2.22 0.00	40.51 2.21 0.00	36.33 1.98 0.00	31.00 1.68 0.00	27.11 1.49 0.00
MECO_____69_KV_BK1 80468	29.91 1.80 0.00	34.28 1.98 0.00	26.25 1.53 0.00	26.37 1.54 0.00	27.40 1.65 0.00	35.27 2.25 0.00	111.68 7.64 0.00	47.48 3.44 0.00	48.90 3.02 0.00	39.73 1.62 0.00	32.28 1.12 0.00	28.94 1.01 0.00	26.58 0.70 0.00	28.04 0.84 0.00	29.68 0.79 0.00	32.56 0.84 0.00	39.00 1.47 0.00	42.85 2.61 0.00	42.04 2.95 0.00	41.15 2.94 0.00	41.26 2.96 0.00	36.85 2.49 0.00	31.32 1.99 0.00	27.29 1.68 0.00
MENANDS___115KV_TB5 355628	28.94 0.83 0.00	33.02 0.72 0.00	25.27 0.55 0.00	25.35 0.52 0.00	26.31 0.56 0.00	33.71 0.69 0.00	106.29 2.25 0.00	45.10 1.06 0.00	47.03 1.14 0.00	39.00 0.88 0.00	31.87 0.71 0.00	28.46 0.53 0.00	26.34 0.45 0.00	27.72 0.52 0.00	29.62 0.72 0.00	32.46 0.74 0.00	38.41 0.88 0.00	41.20 0.97 0.00	39.94 0.86 0.00	39.12 0.91 0.00	39.25 0.95 0.00	34.94 0.59 0.00	29.76 0.44 0.00	25.94 0.33 0.00
MG INDUSTRY___DRP 24185	28.99 0.87 0.00	33.13 0.83 0.00	25.36 0.64 0.00	25.44 0.61 0.00	26.41 0.65 0.00	33.85 0.83 0.00	106.75 2.71 0.00	45.21 1.18 0.00	47.05 1.17 0.00	39.01 0.90 0.00	31.85 0.69 0.00	28.43 0.51 0.00	26.26 0.38 0.00	27.64 0.44 0.00	29.53 0.63 0.00	32.31 0.59 0.00	38.37 0.85 0.00	41.27 1.03 0.00	40.04 0.95 0.00	39.20 1.00 0.00	39.35 1.05 0.00	35.03 0.67 0.00	29.82 0.50 0.00	26.03 0.41 0.00

MID___OSWEGATCHIE_HYD 23849	28.51 0.39 0.00	33.03 0.72 0.00	25.30 0.58 0.00	25.50 0.67 0.00	26.58 0.82 0.00	34.09 1.08 0.00	144.88 3.75 -37.10	308.94 1.57 -263.34	179.75 1.75 -132.11	39.43 1.31 0.00	32.26 1.10 0.00	28.94 1.02 0.00	26.76 0.88 0.00	28.02 0.83 0.00	29.66 0.76 0.00	32.61 0.90 0.00	38.72 1.20 0.00	41.80 1.57 0.00	40.78 1.70 0.00	39.88 1.67 0.00	39.90 1.60 0.00	35.72 1.36 0.00	30.48 1.15 0.00	26.63 1.01 0.00
MID___RAQUETTE_HYD 23851	28.78 0.67 0.00	33.36 1.06 0.00	25.57 0.85 0.00	25.67 0.84 0.00	26.71 0.96 0.00	34.26 1.24 0.00	162.87 4.16 -54.66	433.62 1.55 -388.03	242.32 1.80 -194.63	39.44 1.33 0.00	32.32 1.16 0.00	29.07 1.14 0.00	26.94 1.06 0.00	28.29 1.09 0.00	30.01 1.11 0.00	32.95 1.23 0.00	38.92 1.40 0.00	41.72 1.48 0.00	40.55 1.46 0.00	39.68 1.47 0.00	39.79 1.49 0.00	35.70 1.34 0.00	30.49 1.17 0.00	26.69 1.08 0.00
MILLIKEN___1 23584	27.94 -0.18 0.00	32.13 -0.17 0.00	24.55 -0.17 0.00	24.67 -0.15 0.00	25.65 -0.11 0.00	32.96 -0.06 0.00	104.11 0.07 0.00	44.27 0.19 -0.05	46.18 0.19 -0.09	38.23 0.11 0.00	31.20 0.04 0.00	27.88 -0.05 0.00	25.74 -0.14 0.00	26.86 -0.34 0.00	28.35 -0.54 0.00	31.37 -0.35 0.00	37.72 0.20 0.00	40.71 0.47 0.00	39.73 0.65 0.00	38.94 0.74 0.00	39.15 0.85 0.00	35.01 0.65 0.00	29.70 0.38 0.00	25.93 0.32 0.00
MILLIKEN___2 23585	27.94 -0.18 0.00	32.13 -0.17 0.00	24.55 -0.17 0.00	24.67 -0.15 0.00	25.65 -0.11 0.00	32.96 -0.06 0.00	104.11 0.07 0.00	44.27 0.19 -0.05	46.18 0.19 -0.09	38.23 0.11 0.00	31.20 0.04 0.00	27.88 -0.05 0.00	25.74 -0.14 0.00	26.86 -0.34 0.00	28.35 -0.54 0.00	31.37 -0.35 0.00	37.72 0.20 0.00	40.71 0.47 0.00	39.73 0.65 0.00	38.94 0.74 0.00	39.15 0.85 0.00	35.01 0.65 0.00	29.70 0.38 0.00	25.93 0.32 0.00
MILLIKEN___DIESEL 23629	27.94 -0.18 0.00	32.13 -0.17 0.00	24.55 -0.17 0.00	24.67 -0.15 0.00	25.65 -0.11 0.00	32.96 -0.06 0.00	104.11 0.07 0.00	44.27 0.19 -0.05	46.18 0.19 -0.09	38.23 0.11 0.00	31.20 0.04 0.00	27.88 -0.05 0.00	25.74 -0.14 0.00	26.86 -0.34 0.00	28.35 -0.54 0.00	31.37 -0.35 0.00	37.72 0.20 0.00	40.71 0.47 0.00	39.73 0.65 0.00	38.94 0.74 0.00	39.15 0.85 0.00	35.01 0.65 0.00	29.70 0.38 0.00	25.93 0.32 0.00
MILLSEAT___LFGE 323607	26.92 -1.19 0.00	31.44 -0.86 0.00	24.00 -0.72 0.00	24.23 -0.60 0.00	25.08 -0.67 0.00	32.33 -0.69 0.00	101.43 -2.61 0.00	43.54 -0.49 0.00	45.31 -0.58 0.00	37.57 -0.55 0.00	30.66 -0.50 0.00	27.60 -0.32 0.00	25.71 -0.17 0.00	26.84 -0.36 0.00	28.36 -0.53 0.00	31.08 -0.64 0.00	36.34 -1.19 0.00	39.01 -1.22 0.00	38.23 -0.85 0.00	37.43 -0.77 0.00	37.27 -1.03 0.00	33.54 -0.81 0.00	28.28 -1.04 0.00	24.94 -0.67 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.56 1.45 0.00	33.70 1.39 0.00	25.77 1.05 0.00	25.86 1.03 0.00	26.73 0.98 0.00	34.21 1.19 0.00	108.05 4.01 0.00	45.90 1.86 0.00	47.78 1.89 0.00	39.87 1.76 0.00	32.64 1.48 0.00	29.23 1.30 0.00	27.12 1.24 0.00	28.59 1.39 0.00	30.50 1.61 0.00	33.43 1.71 0.00	39.46 1.94 0.00	42.13 1.90 0.00	40.81 1.73 0.00	39.77 1.56 0.00	39.87 1.56 0.00	35.65 1.29 0.00	30.39 1.06 0.00	26.50 0.89 0.00
MILLWOOD_13_KV_LOAD 356217	29.60 1.49 0.00	33.74 1.44 0.00	25.81 1.08 0.00	25.89 1.06 0.00	26.76 1.01 0.00	34.26 1.24 0.00	108.20 4.16 0.00	45.97 1.93 0.00	47.85 1.96 0.00	39.92 1.81 0.00	32.70 1.54 0.00	29.27 1.34 0.00	27.16 1.28 0.00	28.64 1.44 0.00	30.55 1.66 0.00	33.48 1.76 0.00	39.53 2.01 0.00	42.21 1.98 0.00	40.88 1.80 0.00	39.84 1.63 0.00	39.93 1.63 0.00	35.71 1.35 0.00	30.43 1.10 0.00	26.54 0.92 0.00
MODEL_CITY_ENERGY 24167	26.11 -2.01 0.00	30.58 -1.73 0.00	23.36 -1.36 0.00	23.59 -1.24 0.00	24.41 -1.35 0.00	31.41 -1.61 0.00	98.10 -5.94 0.00	42.02 -2.02 0.00	43.76 -2.13 0.00	36.43 -1.68 0.00	29.87 -1.29 0.00	26.87 -1.05 0.00	25.12 -0.77 0.00	26.25 -0.95 0.00	27.65 -1.24 0.00	30.37 -1.35 0.00	35.36 -2.16 0.00	37.67 -2.57 0.00	36.78 -2.30 0.00	36.01 -2.20 0.00	35.86 -2.45 0.00	32.38 -1.97 0.00	27.32 -2.01 0.00	24.20 -1.41 0.00
MODERN_LFGE___ 323580	26.11 -2.01 0.00	30.58 -1.73 0.00	23.36 -1.36 0.00	23.59 -1.24 0.00	24.41 -1.35 0.00	31.41 -1.61 0.00	98.10 -5.94 0.00	42.02 -2.02 0.00	43.76 -2.13 0.00	36.43 -1.68 0.00	29.87 -1.29 0.00	26.87 -1.05 0.00	25.12 -0.77 0.00	26.25 -0.95 0.00	27.65 -1.24 0.00	30.37 -1.35 0.00	35.36 -2.16 0.00	37.67 -2.57 0.00	36.78 -2.30 0.00	36.01 -2.20 0.00	35.86 -2.45 0.00	32.38 -1.97 0.00	27.32 -2.01 0.00	24.20 -1.41 0.00
MOHAWK_PAPER___DRP 24187	29.08 0.97 0.00	33.19 0.88 0.00	25.40 0.68 0.00	25.47 0.64 0.00	26.44 0.69 0.00	33.89 0.87 0.00	106.89 2.85 0.00	45.37 1.33 0.00	47.30 1.42 0.00	39.21 1.09 0.00	32.03 0.87 0.00	28.61 0.68 0.00	26.47 0.58 0.00	27.84 0.64 0.00	29.72 0.83 0.00	32.59 0.87 0.00	38.58 1.06 0.00	41.43 1.19 0.00	40.19 1.10 0.00	39.35 1.14 0.00	39.49 1.19 0.00	35.16 0.80 0.00	29.94 0.61 0.00	26.09 0.47 0.00
MOHICAN___35_KV_115KV_LD 80490	29.68 1.56 0.00	33.90 1.59 0.00	25.97 1.25 0.00	26.05 1.22 0.00	27.08 1.33 0.00	34.78 1.76 0.00	109.54 5.50 0.00	46.69 2.65 0.00	48.55 2.67 0.00	39.96 1.84 0.00	32.60 1.44 0.00	29.11 1.18 0.00	26.83 0.95 0.00	28.21 1.02 0.00	30.10 1.20 0.00	32.85 1.13 0.00	38.93 1.41 0.00	41.97 1.73 0.00	40.68 1.60 0.00	39.90 1.70 0.00	40.10 1.79 0.00	35.64 1.28 0.00	30.46 1.14 0.00	26.56 0.94 0.00
MONGAUP___HYD 23641	29.58 1.47 0.00	33.79 1.48 0.00	25.82 1.10 0.00	25.92 1.09 0.00	26.81 1.06 0.00	34.40 1.38 0.00	108.58 4.54 0.00	46.29 2.25 0.00	48.02 2.13 0.00	39.71 1.59 0.00	32.26 1.10 0.00	28.78 0.85 0.00	26.71 0.83 0.00	28.15 0.95 0.00	29.99 1.10 0.00	32.90 1.18 0.00	39.08 1.55 0.00	42.14 1.91 0.00	41.17 2.08 0.00	40.23 2.02 0.00	40.21 1.91 0.00	35.95 1.59 0.00	30.60 1.27 0.00	26.66 1.04 0.00
MONTAUK___DIESEL 23721	30.86 2.74 0.00	35.07 2.77 0.00	26.79 2.07 0.00	26.86 2.04 0.00	27.70 1.95 0.00	35.14 2.12 0.00	111.22 7.18 0.00	45.73 2.47 0.78	36.02 2.69 12.56	40.86 2.75 0.00	33.77 2.61 0.00	30.32 2.40 0.00	27.88 2.00 0.00	29.40 2.20 0.00	31.46 2.57 0.00	34.44 2.72 0.00	40.17 2.98 0.33	43.29 3.06 0.00	40.61 2.88 1.35	40.91 2.71 0.00	41.00 2.70 0.00	30.77 2.17 5.76	31.27 1.95 0.00	27.45 1.84 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.22 -0.89 0.00	31.92 -0.39 0.00	24.50 -0.22 0.00	24.77 -0.05 0.00	25.68 -0.07 0.00	33.18 0.16 0.00	104.36 0.32 0.00	44.96 0.92 0.00	46.62 0.73 0.00	38.85 0.74 0.00	31.77 0.61 0.00	28.66 0.73 0.00	26.80 0.92 0.00	28.00 0.80 0.00	29.39 0.49 0.00	32.24 0.52 0.00	37.59 0.07 0.00	40.25 0.01 0.00	39.39 0.31 0.00	38.65 0.44 0.00	38.58 0.27 0.00	34.70 0.35 0.00	29.23 -0.09 0.00	25.70 0.08 0.00

MORRIS_RIDGE___SOLAR 323848	27.01 -1.11 0.00	31.37 -0.93 0.00	24.01 -0.71 0.00	24.12 -0.70 0.00	24.93 -0.82 0.00	32.12 -0.90 0.00	101.36 -2.68 0.00	43.57 -0.47 0.00	45.10 -0.79 0.00	37.57 -0.54 0.00	30.35 -0.81 0.00	27.40 -0.53 0.00	25.73 -0.15 0.00	26.85 -0.34 0.00	28.15 -0.74 0.00	30.93 -0.78 0.00	36.38 -1.14 0.00	39.14 -1.10 0.00	38.31 -0.78 0.00	37.57 -0.63 0.00	37.63 -0.67 0.00	33.90 -0.46 0.00	28.64 -0.68 0.00	25.15 -0.46 0.00
MORTIMER_115KV_TB3 55949	27.12 -0.99 0.00	31.47 -0.84 0.00	24.04 -0.68 0.00	24.22 -0.61 0.00	25.10 -0.65 0.00	32.28 -0.73 0.00	101.52 -2.52 0.00	43.36 -0.67 0.00	45.14 -0.75 0.00	37.44 -0.67 0.00	30.61 -0.55 0.00	27.47 -0.46 0.00	25.55 -0.33 0.00	26.77 -0.43 0.00	28.28 -0.61 0.00	31.09 -0.62 0.00	36.60 -0.93 0.00	39.27 -0.97 0.00	38.31 -0.77 0.00	37.47 -0.74 0.00	37.39 -0.91 0.00	33.56 -0.79 0.00	28.40 -0.93 0.00	24.90 -0.72 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.72 1.61 0.00	33.87 1.56 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.85 1.10 0.00	34.35 1.33 0.00	108.46 4.42 0.00	46.05 2.01 0.00	47.97 2.08 0.00	40.07 1.96 0.00	32.84 1.68 0.00	29.42 1.49 0.00	27.30 1.42 0.00	28.78 1.58 0.00	30.71 1.82 0.00	33.64 1.92 0.00	39.70 2.18 0.00	42.33 2.09 0.00	41.00 1.91 0.00	39.94 1.73 0.00	40.04 1.74 0.00	35.84 1.49 0.00	30.53 1.21 0.00	26.64 1.03 0.00
MUNSVILLE_WIND_PWR 323609	29.15 1.04 0.00	33.45 1.14 0.00	25.53 0.81 0.00	25.70 0.87 0.00	26.86 1.10 0.00	34.63 1.61 0.00	109.71 5.67 0.00	47.11 3.05 -0.02	49.03 3.11 -0.04	40.37 2.26 0.00	32.95 1.79 0.00	29.27 1.34 0.00	27.09 1.21 0.00	28.34 1.14 0.00	29.81 0.91 0.00	32.58 0.86 0.00	39.11 1.59 0.00	42.50 2.27 0.00	41.74 2.65 0.00	41.28 3.07 0.00	41.29 2.99 0.00	36.86 2.50 0.00	31.15 1.83 0.00	27.17 1.55 0.00
N SALMON___HYD 24042	28.64 0.53 0.00	33.27 0.97 0.00	25.51 0.78 0.00	25.51 0.68 0.00	26.64 0.89 0.00	34.16 1.14 0.00	126.20 3.82 -18.33	312.41 1.81 -266.56	184.74 2.21 -136.64	39.58 1.47 0.00	32.52 1.36 0.00	29.30 1.37 0.00	27.03 1.15 0.00	28.42 1.22 0.00	30.15 1.26 0.00	33.04 1.32 0.00	38.99 1.47 0.00	41.70 1.46 0.00	40.38 1.30 0.00	39.37 1.17 0.00	39.62 1.32 0.00	35.53 1.18 0.00	30.46 1.14 0.00	26.73 1.11 0.00
N.AKRON__115KV_KNAPP 355671	26.80 -1.32 0.00	31.32 -0.98 0.00	23.92 -0.80 0.00	24.15 -0.68 0.00	25.00 -0.76 0.00	32.20 -0.82 0.00	100.96 -3.08 0.00	43.33 -0.70 0.00	45.09 -0.80 0.00	37.45 -0.66 0.00	30.62 -0.54 0.00	27.53 -0.39 0.00	25.67 -0.21 0.00	26.83 -0.37 0.00	28.33 -0.56 0.00	31.08 -0.64 0.00	36.23 -1.30 0.00	38.81 -1.43 0.00	37.98 -1.11 0.00	37.20 -1.01 0.00	37.03 -1.27 0.00	33.36 -1.00 0.00	28.12 -1.20 0.00	24.84 -0.78 0.00
N.BELMOR_69_KV_BK1 55787	29.93 1.82 0.00	34.04 1.74 0.00	25.99 1.27 0.00	26.06 1.23 0.00	26.89 1.13 0.00	34.27 1.26 0.00	108.11 4.07 0.00	45.37 1.59 0.25	40.48 1.66 7.07	39.85 1.74 0.00	32.85 1.70 0.00	29.51 1.58 0.00	27.29 1.41 0.00	28.77 1.57 0.00	30.70 1.81 0.00	33.57 1.85 0.00	39.28 1.95 0.19	42.14 1.90 0.00	40.55 1.68 0.22	39.76 1.55 0.00	39.87 1.57 0.00	32.24 1.24 3.36	30.49 1.17 0.00	26.70 1.09 0.00
N.E_GEN_SANDY PD 24062	29.32 1.20 0.00	33.43 1.12 0.00	25.58 0.86 0.00	25.66 0.83 0.00	26.62 0.87 0.00	34.07 1.05 0.00	105.27 3.25 2.02	45.42 1.55 0.17	48.63 1.69 -1.05	38.66 1.35 0.80	32.22 1.06 0.00	28.78 0.86 0.00	26.65 0.76 0.00	28.11 0.91 0.00	30.05 1.15 0.00	32.92 1.20 0.00	38.65 1.31 0.19	41.59 1.35 0.00	36.44 1.21 3.86	38.64 1.25 0.81	39.65 1.35 0.00	35.34 0.98 0.00	30.12 0.79 0.00	26.26 0.65 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.38 1.27 0.00	33.54 1.23 0.00	25.65 0.93 0.00	25.76 0.93 0.00	26.63 0.87 0.00	34.11 1.09 0.00	107.76 3.72 0.00	45.77 1.74 0.00	47.55 1.66 0.00	39.64 1.52 0.00	32.43 1.27 0.00	28.99 1.07 0.00	26.93 1.05 0.00	28.41 1.21 0.00	30.30 1.41 0.00	33.23 1.51 0.00	39.28 1.76 0.00	41.98 1.74 0.00	40.71 1.63 0.00	39.62 1.41 0.00	39.69 1.39 0.00	35.53 1.18 0.00	30.29 0.96 0.00	26.42 0.80 0.00
N.QUEENS_27_KV_LOAD 356247	29.72 1.61 0.00	33.91 1.60 0.00	25.98 1.26 0.00	26.02 1.19 0.00	26.83 1.08 0.00	34.38 1.36 0.00	108.61 4.57 0.00	46.58 2.14 -0.40	48.73 2.23 -0.61	40.21 2.10 0.00	32.92 1.76 0.00	29.53 1.61 0.00	27.36 1.47 0.00	28.88 1.68 0.00	30.77 1.88 0.00	33.67 1.95 0.00	39.77 2.24 0.00	42.33 2.10 0.00	41.35 1.84 -0.43	39.92 1.71 0.00	40.03 1.73 0.00	35.87 1.51 0.00	30.51 1.19 0.00	26.64 1.02 0.00
N.TROY___115KV_TB1 355778	29.22 1.11 0.00	33.36 1.05 0.00	25.53 0.81 0.00	25.62 0.79 0.00	26.59 0.84 0.00	34.07 1.05 0.00	107.26 3.22 0.00	45.54 1.50 0.00	47.50 1.61 0.00	39.33 1.21 0.00	32.11 0.95 0.00	28.67 0.74 0.00	26.49 0.61 0.00	27.89 0.69 0.00	29.78 0.89 0.00	32.65 0.93 0.00	38.61 1.08 0.00	41.45 1.21 0.00	40.20 1.11 0.00	39.38 1.17 0.00	39.59 1.29 0.00	35.25 0.89 0.00	30.04 0.72 0.00	26.20 0.59 0.00
NARROWS_GT1_1 24228	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT1_2 24229	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT1_3 24230	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT1_4 24231	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00

NARROWS_GT1_5 24232	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT1_6 24233	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT1_7 24234	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT1_8 24235	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT2_1 24236	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT2_2 24237	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT2_3 24238	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT2_4 24239	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT2_5 24240	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT2_6 24241	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT2_7 24242	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NARROWS_GT2_8 24243	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.04 1.95 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.30 1.18 0.00	33.46 1.15 0.00	25.59 0.87 0.00	25.66 0.84 0.00	26.68 0.93 0.00	34.27 1.25 0.00	108.34 4.30 0.00	46.07 2.03 0.00	47.97 2.08 0.00	39.53 1.42 0.00	32.17 1.01 0.00	28.51 0.58 0.00	26.32 0.44 0.00	27.65 0.46 0.00	29.50 0.61 0.00	32.35 0.62 0.00	38.61 1.09 0.00	41.85 1.61 0.00	40.85 1.76 0.00	40.06 1.85 0.00	40.15 1.85 0.00	35.65 1.29 0.00	30.27 0.95 0.00	26.36 0.75 0.00
NCHELSEA_115KV_TR2 355582	29.73 1.62 0.00	33.90 1.60 0.00	25.92 1.20 0.00	26.01 1.18 0.00	26.91 1.15 0.00	34.48 1.47 0.00	108.99 4.95 0.00	46.33 2.29 0.00	48.21 2.32 0.00	40.13 2.02 0.00	32.81 1.65 0.00	29.34 1.41 0.00	27.21 1.33 0.00	28.70 1.50 0.00	30.62 1.72 0.00	33.61 1.89 0.00	39.73 2.20 0.00	42.53 2.29 0.00	41.23 2.14 0.00	40.21 2.00 0.00	40.28 1.98 0.00	35.97 1.61 0.00	30.62 1.30 0.00	26.69 1.07 0.00
NEG CAPITAL___MECHNVIL 23645	29.53 1.42 0.00	33.75 1.44 0.00	25.83 1.10 0.00	25.91 1.09 0.00	26.90 1.15 0.00	34.52 1.50 0.00	108.86 4.82 0.00	46.25 2.21 0.00	48.16 2.27 0.00	39.85 1.73 0.00	32.54 1.38 0.00	29.06 1.13 0.00	26.81 0.93 0.00	28.19 0.99 0.00	30.07 1.18 0.00	32.93 1.21 0.00	39.08 1.56 0.00	42.05 1.81 0.00	40.79 1.70 0.00	39.94 1.73 0.00	40.10 1.80 0.00	35.69 1.34 0.00	30.41 1.09 0.00	26.50 0.89 0.00

NEG CENTRAL_HIGH_ACRES 23767	26.77 -1.35 0.00	31.00 -1.30 0.00	23.68 -1.05 0.00	23.84 -0.99 0.00	24.73 -1.02 0.00	31.82 -1.20 0.00	100.17 -3.87 0.00	42.75 -1.29 0.00	44.50 -1.39 0.00	36.92 -1.19 0.00	30.18 -0.98 0.00	27.05 -0.87 0.00	25.14 -0.74 0.00	26.33 -0.87 0.00	27.79 -1.10 0.00	30.58 -1.14 0.00	36.11 -1.42 0.00	38.81 -1.43 0.00	37.85 -1.24 0.00	37.00 -1.21 0.00	36.92 -1.38 0.00	33.12 -1.24 0.00	28.03 -1.29 0.00	24.54 -1.07 0.00
NEG CENTRAL___DRP 24199	27.63 -0.49 0.00	31.83 -0.47 0.00	24.35 -0.37 0.00	24.48 -0.35 0.00	25.36 -0.40 0.00	32.60 -0.42 0.00	102.95 -1.09 0.00	51.02 -0.08 -7.06	49.40 -0.25 -3.77	37.96 -0.15 0.00	30.84 -0.32 0.00	27.63 -0.30 0.00	25.66 -0.22 0.00	26.83 -0.37 0.00	28.34 -0.55 0.00	31.24 -0.48 0.00	36.97 -0.55 0.00	39.82 -0.42 0.00	39.00 -0.08 0.00	38.16 -0.05 0.00	38.16 -0.14 0.00	34.17 -0.18 0.00	28.99 -0.33 0.00	25.35 -0.26 0.00
NEG CENTRAL___INDECK 23768	27.82 -0.29 0.00	32.30 -0.01 0.00	24.67 -0.05 0.00	24.81 -0.02 0.00	25.68 -0.07 0.00	33.13 0.11 0.00	104.86 0.82 0.00	45.09 1.05 0.00	46.77 0.88 0.00	38.53 0.42 0.00	31.02 -0.14 0.00	27.93 0.01 0.00	26.09 0.21 0.00	27.31 0.11 0.00	28.65 -0.24 0.00	31.41 -0.31 0.00	37.08 -0.44 0.00	40.04 -0.20 0.00	39.56 0.48 0.00	38.75 0.54 0.00	39.01 0.71 0.00	35.04 0.69 0.00	29.55 0.23 0.00	25.88 0.27 0.00
NEG CENTRAL___SENECA 23627	27.66 -0.45 0.00	31.92 -0.38 0.00	24.41 -0.31 0.00	24.54 -0.28 0.00	25.43 -0.33 0.00	32.74 -0.28 0.00	103.26 -0.78 0.00	44.35 0.29 -0.02	46.00 0.07 -0.05	38.23 0.12 0.00	30.99 -0.17 0.00	27.75 -0.17 0.00	25.88 0.00 0.00	26.99 -0.21 0.00	28.44 -0.45 0.00	31.35 -0.37 0.00	37.03 -0.49 0.00	39.92 -0.32 0.00	39.19 0.11 0.00	38.38 0.17 0.00	38.41 0.11 0.00	34.38 0.03 0.00	29.10 -0.22 0.00	25.46 -0.15 0.00
NEG CENTRAL___STATE_STREET 24147	27.85 -0.27 0.00	32.05 -0.26 0.00	24.52 -0.20 0.00	24.65 -0.18 0.00	25.45 -0.30 0.00	32.66 -0.36 0.00	104.74 -0.51 -1.21	52.60 -0.10 -8.66	50.08 -0.27 -4.46	37.90 -0.21 0.00	30.78 -0.38 0.00	27.68 -0.24 0.00	25.65 -0.24 0.00	26.83 -0.37 0.00	28.45 -0.45 0.00	31.40 -0.32 0.00	37.27 -0.25 0.00	40.07 -0.17 0.00	39.13 0.04 0.00	38.24 0.03 0.00	38.09 -0.21 0.00	34.09 -0.27 0.00	29.10 -0.22 0.00	25.46 -0.16 0.00
NEG MILLWOOD___DRP 24198	29.77 1.66 0.00	33.93 1.63 0.00	25.94 1.22 0.00	26.03 1.20 0.00	26.92 1.17 0.00	34.49 1.47 0.00	109.02 4.98 0.00	46.35 2.32 0.00	48.26 2.37 0.00	40.21 2.10 0.00	32.89 1.73 0.00	29.43 1.51 0.00	27.30 1.42 0.00	28.80 1.60 0.00	30.73 1.84 0.00	33.71 1.99 0.00	39.82 2.30 0.00	42.59 2.35 0.00	41.28 2.20 0.00	40.27 2.06 0.00	40.34 2.04 0.00	36.03 1.68 0.00	30.67 1.35 0.00	26.73 1.12 0.00
NEG NORTH_FLCN_SEA 23793	28.99 0.87 0.00	33.60 1.30 0.00	25.84 1.12 0.00	25.81 0.98 0.00	26.98 1.23 0.00	34.68 1.66 0.00	111.35 5.21 -2.10	258.99 2.68 -212.28	159.52 2.90 -110.73	39.50 1.39 0.00	32.83 1.67 0.00	29.49 1.56 0.00	27.00 1.12 0.00	28.46 1.26 0.00	30.20 1.31 0.00	33.06 1.34 0.00	38.97 1.44 0.00	41.57 1.34 0.00	39.97 0.88 0.00	38.93 0.73 0.00	39.66 1.36 0.00	35.72 1.37 0.00	30.73 1.41 0.00	27.06 1.45 0.00
NEG NORTH_KES_CHATEGAY 23792	28.39 0.28 0.00	32.98 0.68 0.00	25.29 0.57 0.00	25.28 0.45 0.00	26.42 0.67 0.00	33.87 0.85 0.00	112.83 2.73 -6.06	270.98 1.42 -225.53	164.69 1.74 -117.06	39.17 1.06 0.00	32.21 1.05 0.00	29.02 1.09 0.00	26.72 0.84 0.00	28.13 0.93 0.00	29.85 0.96 0.00	32.68 0.96 0.00	38.57 1.05 0.00	41.24 1.00 0.00	39.82 0.73 0.00	38.74 0.54 0.00	39.07 0.77 0.00	35.06 0.71 0.00	30.10 0.78 0.00	26.48 0.86 0.00
NEG NORTH___ALICE_FALLS 23915	28.98 0.86 0.00	33.62 1.31 0.00	25.83 1.10 0.00	25.80 0.97 0.00	26.96 1.21 0.00	34.65 1.63 0.00	111.99 5.23 -2.72	261.10 2.69 -214.38	160.64 3.01 -111.74	39.83 1.72 0.00	32.92 1.76 0.00	29.60 1.68 0.00	27.13 1.25 0.00	28.58 1.38 0.00	30.31 1.42 0.00	33.17 1.45 0.00	39.09 1.56 0.00	41.76 1.53 0.00	40.25 1.17 0.00	39.23 1.02 0.00	39.85 1.55 0.00	35.81 1.46 0.00	30.77 1.45 0.00	27.07 1.46 0.00
NEG NORTH___LWR_SARANAC 23913	28.98 0.86 0.00	33.62 1.31 0.00	25.83 1.10 0.00	25.80 0.97 0.00	26.96 1.21 0.00	34.65 1.63 0.00	111.99 5.23 -2.72	261.10 2.69 -214.38	160.64 3.01 -111.74	39.83 1.72 0.00	32.92 1.76 0.00	29.60 1.68 0.00	27.13 1.25 0.00	28.58 1.38 0.00	30.31 1.42 0.00	33.17 1.45 0.00	39.09 1.56 0.00	41.76 1.53 0.00	40.25 1.17 0.00	39.23 1.02 0.00	39.85 1.55 0.00	35.81 1.46 0.00	30.77 1.45 0.00	27.07 1.46 0.00
NEG NORTH___PLATTSBURG 23628	28.98 0.86 0.00	33.62 1.31 0.00	25.83 1.10 0.00	25.80 0.97 0.00	26.96 1.21 0.00	34.65 1.63 0.00	111.99 5.23 -2.72	261.10 2.69 -214.38	160.64 3.01 -111.74	39.83 1.72 0.00	32.92 1.76 0.00	29.60 1.67 0.00	27.13 1.25 0.00	28.58 1.38 0.00	30.31 1.42 0.00	33.17 1.45 0.00	39.09 1.56 0.00	41.76 1.53 0.00	40.25 1.17 0.00	39.23 1.02 0.00	39.85 1.55 0.00	35.81 1.46 0.00	30.77 1.44 0.00	27.07 1.46 0.00
NEG WEST_LEA_LOCKPORT 23791	26.40 -1.72 0.00	30.90 -1.41 0.00	23.60 -1.12 0.00	23.84 -0.99 0.00	24.66 -1.09 0.00	31.75 -1.27 0.00	99.24 -4.80 0.00	42.56 -1.48 0.00	44.31 -1.58 0.00	36.89 -1.22 0.00	30.22 -0.94 0.00	27.17 -0.76 0.00	25.40 -0.49 0.00	26.55 -0.65 0.00	27.96 -0.93 0.00	30.72 -1.00 0.00	35.77 -1.76 0.00	38.15 -2.09 0.00	37.27 -1.82 0.00	36.49 -1.72 0.00	36.35 -1.95 0.00	32.79 -1.56 0.00	27.66 -1.67 0.00	24.46 -1.15 0.00
NEG WEST___LANCASTER 23811	27.23 -0.89 0.00	31.77 -0.53 0.00	24.27 -0.45 0.00	24.51 -0.32 0.00	25.35 -0.40 0.00	32.64 -0.38 0.00	102.36 -1.68 0.00	44.03 -0.01 0.00	45.72 -0.17 0.00	38.04 -0.07 0.00	31.01 -0.15 0.00	27.90 -0.03 0.00	26.14 0.26 0.00	27.35 0.15 0.00	28.77 -0.13 0.00	31.61 -0.11 0.00	36.91 -0.61 0.00	39.38 -0.85 0.00	38.42 -0.67 0.00	37.62 -0.59 0.00	37.55 -0.75 0.00	33.80 -0.55 0.00	28.53 -0.79 0.00	25.08 -0.54 0.00
NEG_PENN_ALLEGHNY 23528	28.35 0.24 0.00	32.59 0.29 0.00	24.95 0.23 0.00	25.08 0.25 0.00	25.97 0.22 0.00	33.39 0.37 0.00	105.25 1.21 0.00	45.11 1.07 0.00	46.75 0.86 0.00	38.87 0.75 0.00	31.50 0.34 0.00	28.29 0.36 0.00	26.48 0.59 0.00	27.78 0.58 0.00	29.31 0.41 0.00	32.10 0.38 0.00	37.58 0.06 0.00	40.31 0.07 0.00	39.21 0.13 0.00	38.40 0.19 0.00	38.50 0.20 0.00	34.45 0.09 0.00	29.27 -0.06 0.00	25.58 -0.03 0.00
NEG___GEN_MONROE 24207	27.24 -0.88 0.00	31.63 -0.68 0.00	24.20 -0.52 0.00	24.37 -0.46 0.00	25.27 -0.48 0.00	32.51 -0.51 0.00	102.22 -1.82 0.00	43.70 -0.34 0.00	45.48 -0.41 0.00	37.69 -0.42 0.00	30.75 -0.41 0.00	27.63 -0.29 0.00	25.67 -0.21 0.00	26.87 -0.33 0.00	28.41 -0.49 0.00	31.20 -0.52 0.00	36.70 -0.83 0.00	39.45 -0.79 0.00	38.58 -0.50 0.00	37.74 -0.47 0.00	37.64 -0.66 0.00	33.79 -0.56 0.00	28.56 -0.77 0.00	25.06 -0.56 0.00

NEPA__ENERGY 23901	27.06 -1.06 0.00	31.66 -0.65 0.00	24.21 -0.51 0.00	24.45 -0.38 0.00	25.32 -0.43 0.00	32.64 -0.38 0.00	102.47 -1.57 0.00	44.03 -0.01 0.00	45.75 -0.14 0.00	38.11 -0.01 0.00	31.16 0.00 0.00	28.05 0.13 0.00	26.25 0.37 0.00	27.43 0.23 0.00	28.83 -0.07 0.00	31.66 -0.06 0.00	36.93 -0.60 0.00	39.45 -0.79 0.00	38.56 -0.53 0.00	37.78 -0.42 0.00	37.70 -0.60 0.00	33.96 -0.40 0.00	28.62 -0.70 0.00	25.20 -0.41 0.00
NEVERSink__HYD 23608	29.70 1.59 0.00	33.91 1.61 0.00	25.92 1.20 0.00	26.02 1.19 0.00	26.93 1.17 0.00	34.55 1.53 0.00	109.23 5.19 0.00	46.45 2.41 0.00	48.27 2.38 0.00	40.08 1.96 0.00	32.69 1.53 0.00	29.20 1.27 0.00	27.11 1.22 0.00	28.57 1.37 0.00	30.50 1.60 0.00	33.52 1.80 0.00	39.69 2.16 0.00	42.66 2.42 0.00	41.49 2.40 0.00	40.33 2.12 0.00	40.37 2.06 0.00	36.08 1.72 0.00	30.71 1.39 0.00	26.76 1.15 0.00
NEWKRMKL_115KV_TB1 55635	28.78 0.66 0.00	32.85 0.55 0.00	25.14 0.41 0.00	25.21 0.38 0.00	26.17 0.41 0.00	33.52 0.51 0.00	105.79 1.75 0.00	44.87 0.83 0.00	46.77 0.88 0.00	38.80 0.69 0.00	31.72 0.56 0.00	28.32 0.39 0.00	26.21 0.32 0.00	27.58 0.38 0.00	29.46 0.56 0.00	32.30 0.58 0.00	38.24 0.72 0.00	41.03 0.79 0.00	39.77 0.68 0.00	38.94 0.73 0.00	39.06 0.76 0.00	34.77 0.42 0.00	29.61 0.28 0.00	25.80 0.19 0.00
NEWTON__FALLS_HYD 23847	28.51 0.39 0.00	33.03 0.72 0.00	25.30 0.58 0.00	25.50 0.67 0.00	26.58 0.82 0.00	34.09 1.08 0.00	144.88 3.75 -37.10	308.94 1.57 -263.34	179.75 1.75 -132.11	39.43 1.31 0.00	32.26 1.10 0.00	28.94 1.02 0.00	26.76 0.88 0.00	28.02 0.83 0.00	29.66 0.76 0.00	32.61 0.90 0.00	38.72 1.20 0.00	41.80 1.57 0.00	40.78 1.70 0.00	39.88 1.67 0.00	39.90 1.60 0.00	35.72 1.36 0.00	30.48 1.15 0.00	26.63 1.01 0.00
NGRID_A1_DSASP 323792	26.02 -2.10 0.00	30.49 -1.81 0.00	23.29 -1.44 0.00	23.52 -1.31 0.00	24.33 -1.42 0.00	31.30 -1.72 0.00	97.68 -6.37 0.00	41.75 -2.29 0.00	43.51 -2.37 0.00	36.27 -1.84 0.00	29.76 -1.40 0.00	26.79 -1.14 0.00	25.06 -0.82 0.00	26.20 -1.00 0.00	27.61 -1.29 0.00	30.33 -1.39 0.00	35.29 -2.24 0.00	37.49 -2.75 0.00	36.56 -2.53 0.00	35.78 -2.43 0.00	35.64 -2.66 0.00	32.19 -2.17 0.00	27.17 -2.15 0.00	24.00 -1.61 0.00
NGRID_A2_DSASP 323793	26.02 -2.10 0.00	30.49 -1.81 0.00	23.29 -1.44 0.00	23.52 -1.31 0.00	24.33 -1.42 0.00	31.30 -1.72 0.00	97.68 -6.37 0.00	41.75 -2.29 0.00	43.51 -2.37 0.00	36.27 -1.84 0.00	29.76 -1.40 0.00	26.79 -1.14 0.00	25.06 -0.82 0.00	26.20 -1.00 0.00	27.61 -1.29 0.00	30.33 -1.39 0.00	35.29 -2.24 0.00	37.49 -2.75 0.00	36.56 -2.53 0.00	35.78 -2.43 0.00	35.64 -2.66 0.00	32.19 -2.17 0.00	27.17 -2.15 0.00	24.00 -1.61 0.00
NGRID_A4_DSASP 323807	26.02 -2.10 0.00	30.49 -1.81 0.00	23.29 -1.44 0.00	23.52 -1.31 0.00	24.33 -1.42 0.00	31.30 -1.72 0.00	97.68 -6.37 0.00	41.75 -2.29 0.00	43.51 -2.37 0.00	36.27 -1.84 0.00	29.76 -1.40 0.00	26.79 -1.14 0.00	25.06 -0.82 0.00	26.20 -1.00 0.00	27.61 -1.29 0.00	30.33 -1.39 0.00	35.29 -2.24 0.00	37.49 -2.75 0.00	36.56 -2.53 0.00	35.78 -2.43 0.00	35.64 -2.66 0.00	32.19 -2.17 0.00	27.17 -2.15 0.00	24.00 -1.61 0.00
NIAGARA_115E_LBMP 323715	25.95 -2.17 0.00	30.40 -1.91 0.00	23.23 -1.49 0.00	23.46 -1.37 0.00	24.26 -1.49 0.00	31.21 -1.81 0.00	97.44 -6.60 0.00	41.72 -2.32 0.00	43.43 -2.46 0.00	36.19 -1.92 0.00	29.68 -1.48 0.00	26.70 -1.22 0.00	24.97 -0.91 0.00	26.10 -1.10 0.00	27.48 -1.42 0.00	30.18 -1.54 0.00	35.14 -2.39 0.00	37.39 -2.85 0.00	36.50 -2.59 0.00	35.73 -2.48 0.00	35.59 -2.71 0.00	32.15 -2.21 0.00	27.12 -2.20 0.00	24.05 -1.56 0.00
NIAGARA_115W_LBMP 323714	25.97 -2.15 0.00	30.43 -1.88 0.00	23.24 -1.48 0.00	23.48 -1.35 0.00	24.28 -1.47 0.00	31.23 -1.79 0.00	97.47 -6.57 0.00	41.67 -2.37 0.00	43.42 -2.46 0.00	36.20 -1.92 0.00	29.70 -1.46 0.00	26.74 -1.19 0.00	25.01 -0.87 0.00	26.15 -1.05 0.00	27.55 -1.34 0.00	30.27 -1.45 0.00	35.22 -2.31 0.00	37.42 -2.82 0.00	36.48 -2.60 0.00	35.72 -2.49 0.00	35.57 -2.74 0.00	32.12 -2.24 0.00	27.12 -2.21 0.00	23.95 -1.66 0.00
NIAGARA_230_LBMP 323716	26.21 -1.91 0.00	30.69 -1.62 0.00	23.44 -1.28 0.00	23.67 -1.16 0.00	24.49 -1.26 0.00	31.49 -1.53 0.00	98.35 -5.69 0.00	42.10 -1.94 0.00	43.84 -2.05 0.00	36.50 -1.61 0.00	29.92 -1.24 0.00	26.91 -1.01 0.00	25.17 -0.71 0.00	26.32 -0.87 0.00	27.75 -1.14 0.00	30.49 -1.22 0.00	35.54 -1.99 0.00	37.79 -2.44 0.00	36.85 -2.24 0.00	36.06 -2.14 0.00	35.93 -2.37 0.00	32.42 -1.94 0.00	27.37 -1.95 0.00	24.16 -1.45 0.00
NIAGARA__115KV_198_GIBSON 55903	25.97 -2.15 0.00	30.43 -1.88 0.00	23.25 -1.48 0.00	23.48 -1.35 0.00	24.29 -1.47 0.00	31.23 -1.79 0.00	97.47 -6.57 0.00	41.67 -2.37 0.00	43.42 -2.46 0.00	36.20 -1.91 0.00	29.72 -1.44 0.00	26.74 -1.19 0.00	25.01 -0.87 0.00	26.15 -1.05 0.00	27.55 -1.35 0.00	30.27 -1.45 0.00	35.20 -2.32 0.00	37.42 -2.82 0.00	36.48 -2.61 0.00	35.71 -2.50 0.00	35.57 -2.74 0.00	32.12 -2.24 0.00	27.12 -2.21 0.00	23.97 -1.65 0.00
NIAGARA____ 23760	26.21 -1.91 0.00	30.69 -1.62 0.00	23.44 -1.28 0.00	23.67 -1.16 0.00	24.49 -1.26 0.00	31.49 -1.53 0.00	98.35 -5.69 0.00	42.10 -1.94 0.00	43.84 -2.05 0.00	36.50 -1.61 0.00	29.92 -1.24 0.00	26.91 -1.01 0.00	25.17 -0.71 0.00	26.32 -0.87 0.00	27.75 -1.14 0.00	30.49 -1.22 0.00	35.54 -1.99 0.00	37.79 -2.44 0.00	36.85 -2.24 0.00	36.06 -2.14 0.00	35.93 -2.37 0.00	32.42 -1.94 0.00	27.37 -1.95 0.00	24.16 -1.45 0.00
NINE_MILE_1 23575	27.09 -1.03 0.00	31.15 -1.15 0.00	23.83 -0.89 0.00	23.95 -0.88 0.00	24.84 -0.91 0.00	31.84 -1.17 0.00	100.25 -3.79 0.00	42.03 -1.62 0.39	43.35 -1.75 0.78	36.66 -1.45 0.00	29.97 -1.19 0.00	26.87 -1.06 0.00	24.90 -0.99 0.00	26.12 -1.08 0.00	27.71 -1.18 0.00	30.47 -1.25 0.00	36.12 -1.40 0.00	38.77 -1.46 0.00	37.74 -1.35 0.00	36.87 -1.34 0.00	36.91 -1.39 0.00	33.07 -1.29 0.00	28.17 -1.15 0.00	24.62 -1.00 0.00
NINE_MILE_2 23744	27.09 -1.03 0.00	31.15 -1.15 0.00	23.83 -0.89 0.00	23.95 -0.88 0.00	24.85 -0.91 0.00	31.85 -1.17 0.00	100.26 -3.78 0.00	42.02 -1.62 0.40	43.34 -1.75 0.80	36.66 -1.45 0.00	29.97 -1.19 0.00	26.87 -1.06 0.00	24.90 -0.99 0.00	26.12 -1.08 0.00	27.71 -1.18 0.00	30.47 -1.25 0.00	36.13 -1.40 0.00	38.77 -1.46 0.00	37.74 -1.35 0.00	36.87 -1.34 0.00	36.91 -1.39 0.00	33.07 -1.29 0.00	28.17 -1.15 0.00	24.62 -0.99 0.00
NM_CAPITAL__DRP 24208	28.87 0.76 0.00	32.95 0.64 0.00	25.22 0.50 0.00	25.28 0.46 0.00	26.25 0.50 0.00	33.62 0.60 0.00	106.04 2.00 0.00	44.99 0.95 0.00	46.91 1.02 0.00	38.90 0.79 0.00	31.79 0.63 0.00	28.39 0.47 0.00	26.27 0.38 0.00	27.66 0.46 0.00	29.54 0.65 0.00	32.39 0.67 0.00	38.33 0.80 0.00	41.10 0.87 0.00	39.85 0.76 0.00	39.02 0.81 0.00	39.16 0.86 0.00	34.85 0.49 0.00	29.68 0.36 0.00	25.88 0.27 0.00

NM_CENTRAL___DRP 24181	27.51 -0.61 0.00	31.63 -0.67 0.00	24.18 -0.54 0.00	24.30 -0.52 0.00	25.23 -0.53 0.00	32.38 -0.64 0.00	103.67 -1.98 -1.61	54.73 -0.79 -11.48	50.82 -0.90 -5.83	37.39 -0.73 0.00	30.54 -0.61 0.00	27.37 -0.56 0.00	25.35 -0.53 0.00	26.58 -0.62 0.00	28.18 -0.72 0.00	31.02 -0.70 0.00	36.88 -0.65 0.00	39.58 -0.66 0.00	38.52 -0.57 0.00	37.63 -0.58 0.00	37.67 -0.63 0.00	33.73 -0.63 0.00	28.70 -0.63 0.00	25.07 -0.55 0.00
NM_FRONTIER___DRP 24179	25.97 -2.15 0.00	30.43 -1.88 0.00	23.25 -1.48 0.00	23.48 -1.35 0.00	24.29 -1.47 0.00	31.23 -1.79 0.00	97.47 -6.57 0.00	41.67 -2.37 0.00	43.42 -2.46 0.00	36.20 -1.91 0.00	29.72 -1.44 0.00	26.74 -1.19 0.00	25.01 -0.87 0.00	26.15 -1.05 0.00	27.55 -1.35 0.00	30.27 -1.45 0.00	35.20 -2.32 0.00	37.42 -2.82 0.00	36.48 -2.61 0.00	35.71 -2.50 0.00	35.57 -2.74 0.00	32.12 -2.24 0.00	27.12 -2.21 0.00	23.97 -1.65 0.00
NM_ST_REGIS___HYD 24053	28.77 0.65 0.00	33.37 1.07 0.00	25.58 0.86 0.00	25.65 0.83 0.00	26.72 0.97 0.00	34.27 1.25 0.00	155.43 4.20 -47.19	408.75 1.68 -363.03	230.56 1.97 -182.70	39.52 1.41 0.00	32.42 1.26 0.00	29.17 1.24 0.00	27.00 1.12 0.00	28.36 1.16 0.00	30.08 1.19 0.00	33.02 1.30 0.00	38.98 1.46 0.00	41.77 1.53 0.00	40.55 1.46 0.00	39.64 1.43 0.00	39.78 1.48 0.00	35.69 1.34 0.00	30.52 1.20 0.00	26.73 1.11 0.00
NORTHPORT___1 23551	29.98 1.87 0.00	34.08 1.77 0.00	26.03 1.31 0.00	26.08 1.25 0.00	26.86 1.11 0.00	34.08 1.06 0.00	107.35 3.31 0.00	44.23 0.96 0.76	34.12 0.94 12.71	39.36 1.25 0.00	32.62 1.46 0.00	29.44 1.51 0.00	27.17 1.28 0.00	28.60 1.40 0.00	30.43 1.53 0.00	33.12 1.40 0.00	38.41 1.22 0.34	41.33 1.09 0.00	38.52 0.77 1.34	38.93 0.72 0.00	39.15 0.84 0.00	29.01 0.50 5.85	30.06 0.74 0.00	26.53 0.92 0.00
NORTHPORT___2 23552	29.98 1.87 0.00	34.08 1.77 0.00	26.03 1.31 0.00	26.08 1.25 0.00	26.86 1.11 0.00	34.08 1.06 0.00	107.35 3.31 0.00	44.23 0.96 0.76	34.12 0.94 12.71	39.36 1.25 0.00	32.62 1.46 0.00	29.44 1.51 0.00	27.17 1.28 0.00	28.60 1.40 0.00	30.43 1.53 0.00	33.12 1.40 0.00	38.41 1.22 0.34	41.33 1.09 0.00	38.52 0.77 1.34	38.93 0.72 0.00	39.15 0.84 0.00	29.01 0.50 5.85	30.06 0.74 0.00	26.53 0.92 0.00
NORTHPORT___3 23553	29.65 1.54 0.00	33.76 1.46 0.00	25.78 1.05 0.00	25.83 1.01 0.00	26.59 0.83 0.00	33.69 0.67 0.00	105.96 1.92 0.00	43.71 0.50 0.83	33.59 0.52 12.82	39.12 1.00 0.00	32.48 1.32 0.00	29.31 1.38 0.00	27.09 1.20 0.00	28.51 1.31 0.00	30.33 1.44 0.00	33.01 1.29 0.00	38.31 1.12 0.34	41.25 1.02 0.00	38.41 0.74 1.41	38.86 0.65 0.00	39.03 0.73 0.00	28.95 0.45 5.86	29.98 0.66 0.00	26.45 0.83 0.00
NORTHPORT___4 23650	29.65 1.54 0.00	33.76 1.46 0.00	25.78 1.05 0.00	25.83 1.01 0.00	26.59 0.83 0.00	33.69 0.67 0.00	105.96 1.92 0.00	43.71 0.50 0.83	33.59 0.52 12.82	39.12 1.00 0.00	32.48 1.32 0.00	29.31 1.38 0.00	27.09 1.20 0.00	28.51 1.31 0.00	30.33 1.44 0.00	33.01 1.29 0.00	38.31 1.12 0.34	41.25 1.02 0.00	38.41 0.74 1.41	38.86 0.65 0.00	39.03 0.73 0.00	28.95 0.45 5.86	29.98 0.66 0.00	26.45 0.83 0.00
NORTHPORT___IC 23718	29.98 1.87 0.00	34.08 1.77 0.00	26.03 1.31 0.00	26.08 1.25 0.00	26.86 1.11 0.00	34.08 1.06 0.00	107.37 3.33 0.00	44.24 0.97 0.76	34.13 0.95 12.71	39.35 1.23 0.00	32.61 1.46 0.00	29.44 1.51 0.00	27.16 1.28 0.00	28.60 1.40 0.00	30.42 1.53 0.00	33.12 1.40 0.00	38.41 1.22 0.34	41.33 1.09 0.00	38.54 0.79 1.34	38.93 0.72 0.00	39.14 0.84 0.00	29.01 0.50 5.85	30.06 0.74 0.00	26.53 0.92 0.00
NORTH___COUNTRY_ESR 323785	28.34 0.22 0.00	32.93 0.62 0.00	25.24 0.52 0.00	25.22 0.39 0.00	26.37 0.61 0.00	33.79 0.78 0.00	112.64 2.45 -6.15	271.13 1.27 -225.83	164.68 1.59 -117.20	39.09 0.97 0.00	32.17 1.01 0.00	28.97 1.05 0.00	26.70 0.82 0.00	28.10 0.90 0.00	29.82 0.93 0.00	32.65 0.93 0.00	38.51 0.98 0.00	41.15 0.91 0.00	39.71 0.62 0.00	38.64 0.43 0.00	38.96 0.66 0.00	34.96 0.60 0.00	30.04 0.71 0.00	26.41 0.79 0.00
NPX_GEN_1385_PROXY 323591	29.98 1.87 0.00	34.08 1.77 0.00	26.02 1.30 0.00	26.07 1.25 0.00	26.86 1.11 0.00	34.12 1.10 0.00	110.11 6.07 0.00	44.97 1.69 0.76	38.07 1.21 9.04	39.45 1.33 0.00	32.83 1.67 0.00	29.64 1.72 0.00	27.20 1.32 0.00	28.50 1.30 0.00	30.47 1.57 0.00	33.66 1.94 0.00	39.12 1.93 0.34	42.01 1.77 0.00	38.53 0.79 1.34	39.31 1.11 0.00	40.00 1.70 0.00	29.28 0.77 5.85	30.17 0.84 0.00	26.63 1.01 0.00
NPX_GEN_CSC 323557	30.21 2.09 0.00	34.31 2.01 0.00	26.21 1.49 0.00	26.26 1.43 0.00	27.07 1.32 0.00	34.28 1.26 0.00	108.40 4.36 0.00	44.40 1.15 0.78	38.38 1.38 8.89	39.79 1.68 0.00	32.87 1.71 0.00	29.59 1.66 0.00	27.22 1.34 0.00	28.68 1.48 0.00	30.69 1.80 0.00	33.52 1.80 0.00	39.07 1.88 0.33	42.09 1.86 0.00	39.35 1.62 1.35	39.71 1.50 0.00	39.87 1.57 0.00	29.80 1.20 5.76	30.52 1.20 0.00	26.83 1.22 0.00
NSINS_S___GLNS_FALLS 23858	29.59 1.48 0.00	33.81 1.51 0.00	25.90 1.18 0.00	25.99 1.16 0.00	27.02 1.26 0.00	34.70 1.68 0.00	109.30 5.26 0.00	46.58 2.54 0.00	48.41 2.52 0.00	39.85 1.74 0.00	32.53 1.37 0.00	29.04 1.12 0.00	26.78 0.89 0.00	28.16 0.96 0.00	30.03 1.14 0.00	32.75 1.03 0.00	38.82 1.30 0.00	41.85 1.62 0.00	40.57 1.49 0.00	39.78 1.57 0.00	39.96 1.66 0.00	35.52 1.17 0.00	30.38 1.06 0.00	26.49 0.88 0.00
NUCOR_STEEL___DRP 24197	27.84 -0.27 0.00	32.04 -0.27 0.00	24.51 -0.21 0.00	24.64 -0.19 0.00	25.43 -0.32 0.00	32.62 -0.40 0.00	104.70 -0.58 -1.25	52.78 -0.18 -8.93	50.16 -0.33 -4.61	37.85 -0.26 0.00	30.73 -0.43 0.00	27.65 -0.27 0.00	25.62 -0.27 0.00	26.80 -0.40 0.00	28.42 -0.47 0.00	31.37 -0.35 0.00	37.26 -0.26 0.00	40.04 -0.20 0.00	39.08 -0.01 0.00	38.19 -0.02 0.00	38.02 -0.28 0.00	34.03 -0.33 0.00	29.07 -0.25 0.00	25.44 -0.18 0.00
NUMBER_THREE_WT_PWR 323818	28.27 0.15 0.00	32.71 0.41 0.00	25.02 0.30 0.00	25.34 0.51 0.00	26.46 0.70 0.00	33.91 0.89 0.00	123.45 3.28 -16.12	160.07 1.55 -114.48	105.05 1.70 -57.46	39.48 1.36 0.00	32.27 1.11 0.00	28.88 0.95 0.00	26.65 0.77 0.00	27.86 0.66 0.00	29.39 0.50 0.00	32.33 0.61 0.00	38.62 1.09 0.00	41.94 1.70 0.00	41.01 1.92 0.00	40.08 1.87 0.00	39.99 1.69 0.00	35.73 1.38 0.00	30.45 1.12 0.00	26.57 0.96 0.00
NYISO_LBMP_REFERENCE 24008	28.11 0.00 0.00	32.30 0.00 0.00	24.72 0.00 0.00	24.83 0.00 0.00	25.75 0.00 0.00	33.02 0.00 0.00	104.04 0.00 0.00	44.04 0.00 0.00	45.89 0.00 0.00	38.11 0.00 0.00	31.16 0.00 0.00	27.93 0.00 0.00	25.88 0.00 0.00	27.20 0.00 0.00	28.89 0.00 0.00	31.72 0.00 0.00	37.53 0.00 0.00	40.24 0.00 0.00	39.09 0.00 0.00	38.21 0.00 0.00	38.30 0.00 0.00	34.36 0.00 0.00	29.32 0.00 0.00	25.61 0.00 0.00

NYPA_BRENTWD____GT 24164	30.22 2.11 0.00	34.34 2.04 0.00	26.22 1.49 0.00	26.26 1.44 0.00	27.07 1.31 0.00	34.40 1.38 0.00	108.26 4.22 0.00	44.34 1.06 0.76	34.94 1.39 12.34	39.86 1.75 0.00	33.00 1.84 0.00	29.71 1.79 0.00	27.39 1.50 0.00	28.86 1.66 0.00	30.75 1.86 0.00	33.53 1.81 0.00	39.02 1.82 0.33	41.97 1.73 0.00	39.22 1.45 1.31	39.62 1.41 0.00	39.79 1.49 0.00	29.78 1.08 5.66	30.47 1.14 0.00	26.82 1.20 0.00
NYPA_GOWANUS____GT5 24156	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.03 1.95 0.00	40.02 1.81 0.00	40.16 1.86 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NYPA_GOWANUS____GT6 24157	29.82 1.71 0.00	33.98 1.68 0.00	26.01 1.29 0.00	26.07 1.24 0.00	26.92 1.17 0.00	34.45 1.44 0.00	108.60 4.56 0.00	46.08 2.05 0.00	47.99 2.10 0.00	40.18 2.06 0.00	32.95 1.79 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.78 2.26 0.00	42.36 2.12 0.00	41.03 1.95 0.00	40.02 1.81 0.00	40.16 1.86 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.72 1.10 0.00
NYPA_HARLEM__RVR__GT1 24160	29.70 1.59 0.00	33.89 1.59 0.00	26.01 1.28 0.00	26.02 1.20 0.00	26.85 1.09 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.63 2.13 -0.61	40.13 2.02 0.00	32.86 1.70 0.00	29.46 1.54 0.00	27.28 1.40 0.00	28.80 1.60 0.00	30.70 1.80 0.00	33.60 1.88 0.00	39.66 2.14 0.00	42.22 1.98 0.00	40.85 1.76 0.00	39.84 1.64 0.00	39.98 1.68 0.00	35.83 1.47 0.00	30.47 1.15 0.00	26.61 1.00 0.00
NYPA_HARLEM__RVR__GT2 24161	29.70 1.59 0.00	33.89 1.59 0.00	26.01 1.28 0.00	26.02 1.20 0.00	26.85 1.09 0.00	34.33 1.32 0.00	108.41 4.37 0.00	46.49 2.06 -0.40	48.63 2.13 -0.61	40.13 2.02 0.00	32.86 1.70 0.00	29.46 1.54 0.00	27.28 1.40 0.00	28.80 1.60 0.00	30.70 1.80 0.00	33.60 1.88 0.00	39.66 2.14 0.00	42.22 1.98 0.00	40.85 1.76 0.00	39.84 1.64 0.00	39.98 1.68 0.00	35.83 1.47 0.00	30.47 1.15 0.00	26.61 1.00 0.00
NYPA_KENT____GT 24152	29.79 1.67 0.00	33.95 1.64 0.00	25.99 1.27 0.00	26.05 1.22 0.00	26.89 1.14 0.00	34.42 1.41 0.00	108.56 4.52 0.00	46.06 2.02 0.00	47.98 2.09 0.00	40.17 2.06 0.00	32.94 1.78 0.00	29.50 1.57 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.89 0.00	33.72 2.00 0.00	39.78 2.25 0.00	42.34 2.11 0.00	40.98 1.90 0.00	39.96 1.75 0.00	40.10 1.80 0.00	35.96 1.60 0.00	30.59 1.27 0.00	26.69 1.08 0.00
NYPA_POUCH1____GT 24155	29.83 1.72 0.00	33.99 1.68 0.00	26.02 1.29 0.00	26.08 1.25 0.00	26.92 1.17 0.00	34.44 1.42 0.00	108.21 4.17 0.00	45.84 1.80 0.00	47.77 1.88 0.00	40.13 2.02 0.00	32.93 1.77 0.00	29.47 1.55 0.00	27.30 1.42 0.00	28.81 1.61 0.00	30.73 1.84 0.00	33.66 1.94 0.00	39.68 2.16 0.00	42.23 1.99 0.00	40.94 1.86 0.00	39.98 1.77 0.00	40.17 1.87 0.00	36.04 1.68 0.00	30.64 1.31 0.00	26.73 1.12 0.00
NYPA_VERNON____GT2 24162	29.75 1.64 0.00	33.91 1.60 0.00	25.97 1.24 0.00	26.02 1.20 0.00	26.87 1.12 0.00	34.39 1.38 0.00	108.47 4.43 0.00	46.05 2.01 0.00	47.98 2.09 0.00	40.16 2.05 0.00	32.92 1.76 0.00	29.49 1.56 0.00	27.35 1.47 0.00	28.86 1.66 0.00	30.78 1.88 0.00	33.71 1.99 0.00	39.76 2.24 0.00	42.33 2.09 0.00	40.98 1.90 0.00	39.92 1.71 0.00	40.07 1.77 0.00	35.91 1.56 0.00	30.56 1.24 0.00	26.67 1.05 0.00
NYPA_VERNON____GT3 24163	29.75 1.64 0.00	33.91 1.60 0.00	25.97 1.24 0.00	26.02 1.20 0.00	26.87 1.12 0.00	34.39 1.38 0.00	108.47 4.43 0.00	46.05 2.01 0.00	47.98 2.09 0.00	40.16 2.05 0.00	32.92 1.76 0.00	29.49 1.56 0.00	27.35 1.47 0.00	28.86 1.66 0.00	30.78 1.88 0.00	33.71 1.99 0.00	39.76 2.24 0.00	42.33 2.09 0.00	40.98 1.90 0.00	39.92 1.71 0.00	40.07 1.77 0.00	35.91 1.56 0.00	30.56 1.24 0.00	26.67 1.05 0.00
NYPA__ASTORIA_CC1 323568	29.70 1.58 0.00	33.85 1.55 0.00	25.92 1.20 0.00	25.98 1.15 0.00	26.82 1.06 0.00	34.34 1.33 0.00	108.31 4.27 0.00	45.96 1.92 0.00	47.89 2.00 0.00	40.07 1.96 0.00	32.84 1.69 0.00	29.42 1.50 0.00	27.29 1.41 0.00	28.79 1.59 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.67 2.15 0.00	42.24 2.00 0.00	40.89 1.80 0.00	39.84 1.63 0.00	39.99 1.69 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
NYPA__ASTORIA_CC2 323569	29.70 1.58 0.00	33.85 1.55 0.00	25.92 1.20 0.00	25.98 1.15 0.00	26.82 1.06 0.00	34.34 1.33 0.00	108.31 4.27 0.00	45.96 1.92 0.00	47.89 2.00 0.00	40.07 1.96 0.00	32.84 1.69 0.00	29.42 1.50 0.00	27.29 1.41 0.00	28.79 1.59 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.67 2.15 0.00	42.24 2.00 0.00	40.89 1.80 0.00	39.84 1.63 0.00	39.99 1.69 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
NYPA__HOLTSVILL 23794	30.03 1.92 0.00	34.11 1.80 0.00	26.06 1.34 0.00	26.11 1.28 0.00	26.91 1.16 0.00	34.16 1.14 0.00	107.67 3.63 0.00	44.31 1.06 0.79	34.48 1.17 12.58	39.59 1.48 0.00	32.75 1.59 0.00	29.50 1.58 0.00	27.18 1.30 0.00	28.64 1.44 0.00	30.55 1.65 0.00	33.32 1.60 0.00	38.78 1.58 0.33	41.74 1.51 0.00	38.97 1.24 1.36	39.34 1.13 0.00	39.53 1.23 0.00	29.49 0.90 5.76	30.29 0.97 0.00	26.65 1.04 0.00
NYPA__HELLGATE_GT1 24158	29.68 1.56 0.00	33.85 1.55 0.00	25.98 1.26 0.00	25.97 1.14 0.00	26.77 1.01 0.00	34.37 1.35 0.00	108.46 4.42 0.00	46.10 2.06 0.00	48.02 2.13 0.00	40.12 2.01 0.00	32.85 1.69 0.00	29.46 1.54 0.00	27.28 1.40 0.00	28.80 1.60 0.00	30.70 1.80 0.00	33.60 1.88 0.00	39.67 2.14 0.00	42.25 2.01 0.00	40.88 1.80 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.83 1.47 0.00	30.47 1.15 0.00	26.61 1.00 0.00
NYPA__HELLGATE_GT2 24159	29.68 1.56 0.00	33.85 1.55 0.00	25.98 1.26 0.00	25.97 1.14 0.00	26.77 1.01 0.00	34.37 1.35 0.00	108.46 4.42 0.00	46.10 2.06 0.00	48.02 2.13 0.00	40.12 2.01 0.00	32.85 1.69 0.00	29.46 1.54 0.00	27.28 1.40 0.00	28.80 1.60 0.00	30.70 1.80 0.00	33.60 1.88 0.00	39.67 2.14 0.00	42.25 2.01 0.00	40.88 1.80 0.00	39.88 1.67 0.00	39.99 1.69 0.00	35.83 1.47 0.00	30.47 1.15 0.00	26.61 1.00 0.00
NYS_BARGE__HYD 23848	26.40 -1.71 0.00	30.90 -1.40 0.00	23.61 -1.12 0.00	23.83 -0.99 0.00	24.66 -1.09 0.00	31.75 -1.27 0.00	99.30 -4.73 0.00	42.56 -1.47 0.00	44.31 -1.58 0.00	36.89 -1.23 0.00	30.21 -0.95 0.00	27.17 -0.76 0.00	25.39 -0.50 0.00	26.54 -0.66 0.00	27.96 -0.94 0.00	30.71 -1.02 0.00	35.77 -1.76 0.00	38.16 -2.08 0.00	37.29 -1.79 0.00	36.51 -1.70 0.00	36.35 -1.95 0.00	32.80 -1.56 0.00	27.66 -1.66 0.00	24.46 -1.15 0.00

OAK ORCHARD___HYD 24046	27.12 -0.99 0.00	31.47 -0.84 0.00	24.04 -0.68 0.00	24.22 -0.61 0.00	25.10 -0.65 0.00	32.29 -0.73 0.00	101.55 -2.49 0.00	43.36 -0.68 0.00	45.13 -0.76 0.00	37.44 -0.67 0.00	30.60 -0.56 0.00	27.47 -0.46 0.00	25.55 -0.33 0.00	26.77 -0.43 0.00	28.28 -0.61 0.00	31.09 -0.62 0.00	36.61 -0.92 0.00	39.27 -0.97 0.00	38.32 -0.77 0.00	37.47 -0.74 0.00	37.39 -0.91 0.00	33.56 -0.79 0.00	28.40 -0.93 0.00	24.89 -0.73 0.00
OAKDALE___35_KV_LOAD 356122	28.30 0.19 0.00	32.55 0.24 0.00	24.90 0.18 0.00	25.03 0.20 0.00	25.92 0.16 0.00	33.31 0.29 0.00	105.01 0.97 0.00	44.98 0.94 0.00	46.62 0.73 0.00	38.76 0.64 0.00	31.42 0.26 0.00	28.22 0.29 0.00	26.42 0.54 0.00	27.73 0.53 0.00	29.26 0.36 0.00	32.04 0.32 0.00	37.48 -0.04 0.00	40.20 -0.04 0.00	39.12 0.04 0.00	38.32 0.12 0.00	38.36 0.06 0.00	34.33 -0.02 0.00	29.18 -0.15 0.00	25.51 -0.10 0.00
OCC_CHEM___DRP 24175	26.02 -2.10 0.00	30.49 -1.82 0.00	23.29 -1.44 0.00	23.52 -1.31 0.00	24.33 -1.42 0.00	31.30 -1.72 0.00	97.68 -6.37 0.00	41.75 -2.29 0.00	43.51 -2.37 0.00	36.28 -1.84 0.00	29.78 -1.38 0.00	26.79 -1.14 0.00	25.06 -0.82 0.00	26.20 -1.00 0.00	27.60 -1.29 0.00	30.33 -1.39 0.00	35.27 -2.25 0.00	37.49 -2.75 0.00	36.55 -2.54 0.00	35.77 -2.43 0.00	35.64 -2.66 0.00	32.19 -2.17 0.00	27.17 -2.15 0.00	24.01 -1.60 0.00
OH_GEN_PROXY 24063	26.27 -1.84 0.00	30.75 -1.55 0.00	23.49 -1.23 0.00	23.72 -1.11 0.00	24.54 -1.22 0.00	31.56 -1.46 0.00	98.64 -5.40 0.00	42.23 -1.81 0.00	47.66 -1.90 -3.67	36.60 -1.51 0.00	29.97 -1.19 0.00	26.95 -0.97 0.00	25.22 -0.66 0.00	26.38 -0.82 0.00	27.80 -1.09 0.00	30.56 -1.16 0.00	35.64 -1.88 0.00	37.92 -2.31 0.00	36.96 -2.12 0.00	36.17 -2.03 0.00	36.05 -2.25 0.00	32.50 -1.86 0.00	27.45 -1.88 0.00	24.20 -1.41 0.00
OLIN_CORP_DRP 24177	26.03 -2.08 0.00	30.49 -1.81 0.00	23.30 -1.42 0.00	23.53 -1.30 0.00	24.34 -1.42 0.00	31.31 -1.71 0.00	97.78 -6.37 0.00	41.85 -2.19 0.00	43.56 -2.33 0.00	36.31 -1.81 0.00	29.79 -1.37 0.00	26.79 -1.14 0.00	25.05 -0.83 0.00	26.19 -1.01 0.00	27.57 -1.32 0.00	30.29 -1.43 0.00	35.26 -2.27 0.00	37.51 -2.72 0.00	36.61 -2.47 0.00	35.84 -2.37 0.00	35.70 -2.60 0.00	32.25 -2.11 0.00	27.21 -2.11 0.00	24.12 -1.49 0.00
OLIN_CORP_DSASP 323712	26.02 -2.10 0.00	30.49 -1.81 0.00	23.29 -1.44 0.00	23.52 -1.31 0.00	24.33 -1.42 0.00	31.30 -1.72 0.00	97.68 -6.37 0.00	41.75 -2.29 0.00	43.51 -2.37 0.00	36.27 -1.84 0.00	29.76 -1.40 0.00	26.79 -1.14 0.00	25.06 -0.82 0.00	26.20 -1.00 0.00	27.61 -1.29 0.00	30.33 -1.39 0.00	35.29 -2.24 0.00	37.49 -2.75 0.00	36.56 -2.53 0.00	35.78 -2.43 0.00	35.64 -2.66 0.00	32.19 -2.17 0.00	27.17 -2.15 0.00	24.00 -1.61 0.00
ONEIDA_HERK_LFGE 323681	28.50 0.38 0.00	32.82 0.52 0.00	25.10 0.38 0.00	25.29 0.46 0.00	26.32 0.56 0.00	33.81 0.79 0.00	114.28 2.87 -7.37	97.69 1.35 -52.31	73.54 1.39 -26.26	39.25 1.14 0.00	32.04 0.88 0.00	28.67 0.74 0.00	26.49 0.61 0.00	27.77 0.57 0.00	29.39 0.50 0.00	32.28 0.56 0.00	38.46 0.93 0.00	41.57 1.33 0.00	40.55 1.46 0.00	39.65 1.45 0.00	39.62 1.32 0.00	35.42 1.07 0.00	30.16 0.84 0.00	26.31 0.69 0.00
ONEIDA___115KV_TB4 55905	28.52 0.40 0.00	32.80 0.50 0.00	25.08 0.36 0.00	25.20 0.37 0.00	26.19 0.43 0.00	33.73 0.71 0.00	109.83 2.67 -3.12	67.48 1.27 -22.17	58.30 1.26 -11.16	39.13 1.01 0.00	31.91 0.75 0.00	28.51 0.58 0.00	26.31 0.42 0.00	27.60 0.40 0.00	29.23 0.34 0.00	32.07 0.35 0.00	38.30 0.78 0.00	41.31 1.07 0.00	40.31 1.22 0.00	39.42 1.21 0.00	39.42 1.12 0.00	35.24 0.89 0.00	29.98 0.65 0.00	26.15 0.54 0.00
ONONDAGA_REF_OCCRA 23987	27.65 -0.47 0.00	31.79 -0.52 0.00	24.30 -0.42 0.00	24.43 -0.40 0.00	25.35 -0.40 0.00	32.55 -0.47 0.00	104.08 -1.39 -1.43	53.74 -0.54 -10.24	50.47 -0.63 -5.22	37.61 -0.51 0.00	30.70 -0.46 0.00	27.51 -0.42 0.00	25.47 -0.41 0.00	26.69 -0.51 0.00	28.28 -0.61 0.00	31.16 -0.56 0.00	37.10 -0.42 0.00	39.85 -0.39 0.00	38.83 -0.26 0.00	37.94 -0.27 0.00	37.98 -0.33 0.00	34.00 -0.36 0.00	28.92 -0.40 0.00	25.26 -0.36 0.00
ONONDAGA___COGEN 23986	27.65 -0.47 0.00	31.79 -0.51 0.00	24.32 -0.41 0.00	24.43 -0.40 0.00	25.34 -0.41 0.00	32.52 -0.49 0.00	103.97 -1.45 -1.38	53.33 -0.57 -9.86	50.27 -0.69 -5.07	37.56 -0.55 0.00	30.65 -0.51 0.00	27.47 -0.46 0.00	25.45 -0.44 0.00	26.66 -0.54 0.00	28.27 -0.63 0.00	31.14 -0.58 0.00	37.02 -0.50 0.00	39.78 -0.45 0.00	38.76 -0.33 0.00	37.86 -0.35 0.00	37.86 -0.44 0.00	33.90 -0.45 0.00	28.87 -0.45 0.00	25.23 -0.39 0.00
ONTARIO___LFGE 23819	27.66 -0.46 0.00	31.92 -0.38 0.00	24.42 -0.31 0.00	24.54 -0.28 0.00	25.43 -0.33 0.00	32.74 -0.28 0.00	103.26 -0.78 0.00	44.34 0.28 -0.02	46.00 0.07 -0.05	38.23 0.12 0.00	30.99 -0.17 0.00	27.76 -0.17 0.00	25.88 -0.01 0.00	26.99 -0.21 0.00	28.44 -0.45 0.00	31.35 -0.37 0.00	37.04 -0.49 0.00	39.92 -0.32 0.00	39.20 0.11 0.00	38.38 0.17 0.00	38.41 0.10 0.00	34.38 0.03 0.00	29.10 -0.22 0.00	25.46 -0.16 0.00
ORANGEVILLE_WT_PWR 323706	26.82 -1.29 0.00	31.23 -1.07 0.00	23.91 -0.81 0.00	24.05 -0.78 0.00	24.88 -0.87 0.00	32.05 -0.96 0.00	100.94 -3.10 0.00	43.35 -0.69 0.00	44.94 -0.95 0.00	37.44 -0.67 0.00	30.41 -0.75 0.00	27.43 -0.50 0.00	25.72 -0.16 0.00	26.86 -0.34 0.00	28.19 -0.70 0.00	30.98 -0.74 0.00	36.32 -1.21 0.00	38.91 -1.33 0.00	38.02 -1.07 0.00	37.28 -0.92 0.00	37.29 -1.01 0.00	33.61 -0.74 0.00	28.38 -0.95 0.00	24.96 -0.65 0.00
ORANGEVILLE___ESR 323794	26.82 -1.29 0.00	31.23 -1.07 0.00	23.91 -0.81 0.00	24.05 -0.78 0.00	24.88 -0.87 0.00	32.05 -0.96 0.00	100.94 -3.10 0.00	43.35 -0.69 0.00	44.94 -0.95 0.00	37.44 -0.67 0.00	30.41 -0.75 0.00	27.43 -0.50 0.00	25.72 -0.16 0.00	26.86 -0.34 0.00	28.19 -0.70 0.00	30.98 -0.74 0.00	36.32 -1.21 0.00	38.91 -1.33 0.00	38.02 -1.07 0.00	37.28 -0.92 0.00	37.29 -1.01 0.00	33.61 -0.74 0.00	28.38 -0.95 0.00	24.96 -0.65 0.00
OSWEGATCHIE___HYD 24044	28.51 0.39 0.00	33.03 0.72 0.00	25.30 0.58 0.00	25.50 0.67 0.00	26.57 0.82 0.00	34.09 1.08 0.00	144.88 3.74 -37.10	308.95 1.57 -263.34	179.75 1.75 -132.11	39.43 1.31 0.00	32.26 1.10 0.00	28.94 1.02 0.00	26.76 0.88 0.00	28.02 0.83 0.00	29.66 0.76 0.00	32.61 0.89 0.00	38.72 1.19 0.00	41.80 1.57 0.00	40.79 1.70 0.00	39.88 1.67 0.00	39.90 1.60 0.00	35.72 1.36 0.00	30.48 1.15 0.00	26.63 1.01 0.00
OSWEGO___5 23606	27.27 -0.85 0.00	31.36 -0.94 0.00	23.99 -0.73 0.00	24.11 -0.72 0.00	25.01 -0.74 0.00	32.07 -0.94 0.00	100.99 -3.05 0.00	43.06 -1.28 -0.30	45.10 -1.39 -0.60	36.96 -1.15 0.00	30.20 -0.96 0.00	27.08 -0.85 0.00	25.09 -0.79 0.00	26.31 -0.89 0.00	27.92 -0.97 0.00	30.71 -1.01 0.00	36.42 -1.11 0.00	39.10 -1.14 0.00	38.05 -1.04 0.00	37.19 -1.02 0.00	37.23 -1.07 0.00	33.35 -1.01 0.00	28.41 -0.92 0.00	24.81 -0.80 0.00

OSWEGO___6 23613	27.27 -0.85 0.00	31.36 -0.94 0.00	23.99 -0.73 0.00	24.11 -0.72 0.00	25.01 -0.74 0.00	32.07 -0.94 0.00	100.99 -3.05 0.00	43.06 -1.28 -0.30	45.10 -1.39 -0.60	36.96 -1.15 0.00	30.20 -0.96 0.00	27.08 -0.85 0.00	25.09 -0.79 0.00	26.31 -0.89 0.00	27.92 -0.97 0.00	30.71 -1.01 0.00	36.42 -1.11 0.00	39.10 -1.14 0.00	38.05 -1.04 0.00	37.19 -1.02 0.00	37.23 -1.07 0.00	33.35 -1.01 0.00	28.41 -0.92 0.00	24.81 -0.80 0.00
OUTOKUMPU-AB___DRP 24206	26.66 -1.45 0.00	31.21 -1.09 0.00	23.83 -0.89 0.00	24.06 -0.77 0.00	24.89 -0.86 0.00	32.05 -0.97 0.00	100.31 -3.73 0.00	42.99 -1.05 0.00	44.77 -1.12 0.00	37.32 -0.79 0.00	30.57 -0.59 0.00	27.50 -0.43 0.00	25.71 -0.17 0.00	26.88 -0.31 0.00	28.32 -0.58 0.00	31.10 -0.62 0.00	36.20 -1.33 0.00	38.59 -1.64 0.00	37.67 -1.41 0.00	36.88 -1.33 0.00	36.73 -1.57 0.00	33.13 -1.23 0.00	27.96 -1.37 0.00	24.69 -0.93 0.00
OXBOW___BTM 323836	26.39 -1.73 0.00	30.91 -1.39 0.00	23.60 -1.12 0.00	23.83 -0.99 0.00	24.66 -1.10 0.00	31.73 -1.29 0.00	99.21 -4.83 0.00	42.47 -1.57 0.00	44.24 -1.64 0.00	36.88 -1.24 0.00	30.22 -0.94 0.00	27.21 -0.72 0.00	25.44 -0.44 0.00	26.60 -0.59 0.00	28.02 -0.87 0.00	30.78 -0.93 0.00	35.83 -1.69 0.00	38.12 -2.12 0.00	37.21 -1.88 0.00	36.42 -1.79 0.00	36.27 -2.03 0.00	32.74 -1.61 0.00	27.63 -1.70 0.00	24.38 -1.23 0.00
OXBOW____ 24026	26.39 -1.73 0.00	30.91 -1.40 0.00	23.60 -1.12 0.00	23.84 -0.99 0.00	24.66 -1.10 0.00	31.73 -1.29 0.00	99.21 -4.83 0.00	42.46 -1.58 0.00	44.24 -1.64 0.00	36.89 -1.23 0.00	30.24 -0.92 0.00	27.21 -0.72 0.00	25.44 -0.44 0.00	26.60 -0.59 0.00	28.02 -0.87 0.00	30.78 -0.94 0.00	35.81 -1.71 0.00	38.12 -2.12 0.00	37.20 -1.88 0.00	36.41 -1.80 0.00	36.27 -2.03 0.00	32.74 -1.62 0.00	27.62 -1.70 0.00	24.40 -1.22 0.00
OXY_CHEM_DSASP 323612	26.02 -2.10 0.00	30.49 -1.82 0.00	23.29 -1.44 0.00	23.52 -1.31 0.00	24.33 -1.42 0.00	31.30 -1.72 0.00	97.68 -6.37 0.00	41.75 -2.29 0.00	43.51 -2.37 0.00	36.28 -1.84 0.00	29.78 -1.38 0.00	26.79 -1.14 0.00	25.06 -0.82 0.00	26.20 -1.00 0.00	27.60 -1.29 0.00	30.33 -1.39 0.00	35.27 -2.25 0.00	37.49 -2.75 0.00	36.55 -2.54 0.00	35.77 -2.43 0.00	35.64 -2.66 0.00	32.19 -2.17 0.00	27.17 -2.15 0.00	24.01 -1.60 0.00
OZONE_PARK_ESR 323760	29.97 1.85 0.00	34.15 1.84 0.00	26.11 1.39 0.00	26.21 1.38 0.00	27.05 1.30 0.00	34.60 1.59 0.00	109.41 5.37 0.00	46.50 2.46 0.00	48.42 2.54 0.00	40.46 2.35 0.00	33.14 1.98 0.00	29.69 1.76 0.00	27.56 1.68 0.00	29.06 1.87 0.00	31.01 2.11 0.00	33.97 2.25 0.00	40.08 2.56 0.00	42.73 2.50 0.00	41.39 2.31 0.00	40.33 2.13 0.00	40.41 2.11 0.00	36.19 1.84 0.00	30.80 1.48 0.00	26.86 1.25 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	26.02 -2.10 0.00	30.49 -1.82 0.00	23.29 -1.44 0.00	23.52 -1.31 0.00	24.33 -1.42 0.00	31.30 -1.72 0.00	97.68 -6.37 0.00	41.75 -2.29 0.00	43.51 -2.37 0.00	36.28 -1.84 0.00	29.78 -1.38 0.00	26.79 -1.14 0.00	25.06 -0.82 0.00	26.20 -1.00 0.00	27.60 -1.29 0.00	30.33 -1.39 0.00	35.27 -2.25 0.00	37.49 -2.75 0.00	36.55 -2.54 0.00	35.77 -2.43 0.00	35.64 -2.66 0.00	32.19 -2.17 0.00	27.17 -2.15 0.00	24.01 -1.60 0.00
PACKARD__115KV_DUPONT_184 80571	26.02 -2.10 0.00	30.49 -1.82 0.00	23.29 -1.44 0.00	23.52 -1.31 0.00	24.33 -1.42 0.00	31.30 -1.72 0.00	97.68 -6.37 0.00	41.75 -2.29 0.00	43.51 -2.37 0.00	36.28 -1.84 0.00	29.78 -1.38 0.00	26.79 -1.14 0.00	25.06 -0.82 0.00	26.20 -1.00 0.00	27.60 -1.29 0.00	30.33 -1.39 0.00	35.27 -2.25 0.00	37.49 -2.75 0.00	36.55 -2.54 0.00	35.77 -2.43 0.00	35.64 -2.66 0.00	32.19 -2.17 0.00	27.17 -2.15 0.00	24.01 -1.60 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.70 1.58 0.00	33.89 1.59 0.00	25.97 1.25 0.00	26.02 1.19 0.00	26.86 1.11 0.00	34.43 1.41 0.00	108.60 4.56 0.00	46.10 2.07 0.00	48.02 2.13 0.00	40.11 2.00 0.00	32.81 1.65 0.00	29.42 1.49 0.00	27.25 1.37 0.00	28.77 1.57 0.00	30.66 1.77 0.00	33.58 1.86 0.00	39.63 2.10 0.00	42.25 2.01 0.00	40.94 1.86 0.00	39.95 1.74 0.00	40.08 1.78 0.00	35.89 1.53 0.00	30.52 1.20 0.00	26.64 1.03 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.70 1.58 0.00	33.90 1.60 0.00	25.97 1.25 0.00	26.03 1.20 0.00	26.87 1.12 0.00	34.43 1.41 0.00	108.64 4.59 0.00	46.21 2.17 0.00	48.04 2.16 0.00	40.13 2.02 0.00	32.81 1.66 0.00	29.42 1.49 0.00	27.25 1.37 0.00	28.77 1.57 0.00	30.66 1.77 0.00	33.58 1.86 0.00	39.63 2.10 0.00	42.25 2.01 0.00	40.95 1.86 0.00	39.95 1.75 0.00	40.08 1.78 0.00	35.89 1.53 0.00	30.52 1.20 0.00	26.64 1.03 0.00
PATROON__115KV_TB1 80586	28.86 0.75 0.00	32.95 0.64 0.00	25.21 0.49 0.00	25.28 0.46 0.00	26.25 0.49 0.00	33.64 0.62 0.00	106.15 2.11 0.00	45.02 0.98 0.00	46.92 1.03 0.00	38.93 0.81 0.00	31.82 0.66 0.00	28.42 0.50 0.00	26.30 0.41 0.00	27.68 0.48 0.00	29.55 0.65 0.00	32.41 0.69 0.00	38.37 0.84 0.00	41.18 0.94 0.00	39.90 0.82 0.00	39.06 0.86 0.00	39.19 0.89 0.00	34.88 0.52 0.00	29.70 0.38 0.00	25.89 0.27 0.00
PATTRSNVILLE___SOLAR 323815	29.23 1.12 0.00	33.45 1.15 0.00	25.61 0.89 0.00	25.71 0.88 0.00	26.69 0.93 0.00	34.25 1.23 0.00	108.12 4.08 0.00	45.87 1.83 0.00	47.55 1.67 0.00	39.13 1.01 0.00	32.00 0.84 0.00	28.61 0.68 0.00	26.36 0.48 0.00	27.72 0.53 0.00	29.51 0.61 0.00	32.36 0.64 0.00	38.52 0.99 0.00	41.69 1.45 0.00	40.58 1.49 0.00	39.71 1.50 0.00	39.83 1.53 0.00	35.55 1.19 0.00	30.28 0.95 0.00	26.41 0.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	27.15 -0.97 0.00	31.71 -0.60 0.00	24.22 -0.50 0.00	24.45 -0.38 0.00	25.29 -0.46 0.00	32.58 -0.44 0.00	102.19 -1.85 0.00	43.93 -0.11 0.00	45.65 -0.24 0.00	38.00 -0.11 0.00	31.02 -0.13 0.00	27.89 -0.03 0.00	26.13 0.25 0.00	27.33 0.13 0.00	28.75 -0.14 0.00	31.59 -0.12 0.00	36.87 -0.65 0.00	39.34 -0.90 0.00	38.38 -0.71 0.00	37.59 -0.61 0.00	37.51 -0.79 0.00	33.78 -0.58 0.00	28.49 -0.83 0.00	25.07 -0.55 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.77 1.66 0.00	33.93 1.63 0.00	25.94 1.22 0.00	26.03 1.20 0.00	26.92 1.17 0.00	34.49 1.47 0.00	109.02 4.98 0.00	46.35 2.32 0.00	48.26 2.37 0.00	40.21 2.10 0.00	32.89 1.73 0.00	29.43 1.51 0.00	27.30 1.42 0.00	28.80 1.60 0.00	30.73 1.84 0.00	33.71 1.99 0.00	39.82 2.30 0.00	42.59 2.35 0.00	41.28 2.20 0.00	40.27 2.06 0.00	40.34 2.04 0.00	36.03 1.68 0.00	30.67 1.35 0.00	26.73 1.12 0.00
PEEKSKILL____ 23653	29.50 1.38 0.00	33.64 1.34 0.00	25.73 1.01 0.00	25.82 1.00 0.00	26.69 0.94 0.00	34.17 1.16 0.00	107.95 3.91 0.00	45.84 1.80 0.00	47.70 1.81 0.00	39.78 1.67 0.00	32.57 1.41 0.00	29.14 1.21 0.00	27.05 1.16 0.00	28.52 1.32 0.00	30.43 1.53 0.00	33.35 1.63 0.00	39.38 1.86 0.00	42.08 1.84 0.00	40.77 1.68 0.00	39.72 1.51 0.00	39.82 1.52 0.00	35.61 1.26 0.00	30.34 1.02 0.00	26.47 0.86 0.00

PGE MADISON___WINDPWR 24146	29.15 1.04 0.00	33.45 1.14 0.00	25.53 0.81 0.00	25.70 0.87 0.00	26.86 1.10 0.00	34.63 1.61 0.00	109.71 5.67 0.00	47.11 3.05 -0.02	49.03 3.11 -0.04	40.37 2.26 0.00	32.95 1.79 0.00	29.27 1.34 0.00	27.09 1.21 0.00	28.34 1.14 0.00	29.81 0.91 0.00	32.58 0.86 0.00	39.11 1.59 0.00	42.50 2.27 0.00	41.74 2.65 0.00	41.28 3.07 0.00	41.29 2.99 0.00	36.86 2.50 0.00	31.15 1.83 0.00	27.17 1.55 0.00
PIERCEFIELD___HYD 23852	28.78 0.67 0.00	33.36 1.06 0.00	25.57 0.85 0.00	25.67 0.84 0.00	26.71 0.96 0.00	34.26 1.24 0.00	162.87 4.16 -54.66	433.62 1.55 -388.03	242.32 1.80 -194.63	39.44 1.33 0.00	32.32 1.16 0.00	29.07 1.14 0.00	26.94 1.06 0.00	28.29 1.09 0.00	30.01 1.11 0.00	32.95 1.23 0.00	38.92 1.40 0.00	41.72 1.48 0.00	40.55 1.46 0.00	39.68 1.47 0.00	39.79 1.49 0.00	35.70 1.34 0.00	30.49 1.17 0.00	26.69 1.08 0.00
PINELAWN_CC_1 323563	30.04 1.93 0.00	34.14 1.84 0.00	26.07 1.35 0.00	26.13 1.30 0.00	26.93 1.18 0.00	34.26 1.24 0.00	108.08 4.04 0.00	44.76 1.40 0.67	36.18 1.50 11.21	39.81 1.70 0.00	32.88 1.72 0.00	29.58 1.65 0.00	27.27 1.39 0.00	28.73 1.53 0.00	30.64 1.74 0.00	33.46 1.75 0.00	39.02 1.80 0.30	41.99 1.75 0.00	39.43 1.52 1.17	39.61 1.40 0.00	39.76 1.45 0.00	30.29 1.08 5.15	30.42 1.10 0.00	26.72 1.11 0.00
PJM_GEN_HTP_PROXY 323702	29.68 1.57 0.00	33.83 1.52 0.00	25.88 1.15 0.00	25.96 1.13 0.00	26.81 1.06 0.00	34.30 1.29 0.00	108.37 4.33 0.00	46.04 2.00 0.00	47.13 2.06 0.82	40.43 1.96 -0.36	32.84 1.68 0.00	29.40 1.48 0.00	27.29 1.41 0.00	28.78 1.58 0.00	30.71 1.82 0.00	33.64 1.92 0.00	39.70 2.17 0.00	42.33 2.09 0.00	40.97 1.89 0.00	39.90 1.69 0.00	40.00 1.70 0.00	35.80 1.45 0.00	30.50 1.18 0.00	26.61 1.00 0.00
PJM_GEN_KEystone 24065	26.46 0.00 1.66	32.39 0.09 0.00	24.76 0.04 0.00	24.93 0.10 0.00	25.77 0.02 0.00	33.09 0.07 0.00	104.13 0.09 0.00	50.59 0.51 -6.04	45.40 0.33 0.82	38.81 0.34 -0.36	30.87 0.16 0.46	27.70 0.17 0.40	26.26 0.38 0.00	27.59 0.39 0.00	29.22 0.33 0.00	32.07 0.35 0.00	37.70 0.18 0.00	40.27 0.04 0.00	39.15 0.07 0.00	38.22 0.01 0.00	38.25 -0.06 0.00	34.29 -0.06 0.00	29.13 -0.19 0.00	25.47 -0.14 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.72 1.61 0.00	33.80 1.50 0.00	25.82 1.10 0.00	25.89 1.05 0.00	26.70 0.95 0.00	34.03 1.01 0.00	107.32 3.28 0.00	44.29 1.26 1.00	32.47 1.30 14.72	39.94 1.47 -0.36	32.61 1.46 0.00	29.31 1.38 0.00	27.12 1.24 0.00	28.59 1.39 0.00	30.50 1.60 0.00	33.33 1.61 0.00	38.82 1.66 0.36	41.81 1.57 0.00	38.75 1.34 1.67	39.42 1.21 0.00	39.56 1.26 0.00	29.05 0.96 6.27	30.26 0.93 0.00	26.52 0.90 0.00
PJM_GEN_VFT_PROXY 323633	29.58 1.47 0.00	33.72 1.41 0.00	25.81 1.09 0.00	25.90 1.08 0.00	26.73 0.98 0.00	34.20 1.18 0.00	107.96 3.92 0.00	45.81 1.77 0.00	46.84 1.77 0.82	40.20 1.73 -0.36	32.68 1.52 0.00	29.25 1.33 0.00	27.15 1.27 0.00	28.64 1.44 0.00	30.56 1.66 0.00	33.46 1.74 0.00	39.49 1.96 0.00	42.10 1.87 0.00	40.76 1.67 0.00	39.67 1.46 0.00	39.78 1.48 0.00	35.67 1.31 0.00	30.39 1.07 0.00	26.53 0.92 0.00
PLATSBURG_115KV_PMLD1 355749	28.97 0.85 0.00	33.59 1.28 0.00	25.83 1.11 0.00	25.80 0.97 0.00	26.96 1.21 0.00	34.66 1.64 0.00	111.26 5.14 -2.08	258.94 2.67 -212.23	159.51 2.91 -110.71	39.59 1.48 0.00	32.83 1.67 0.00	29.51 1.58 0.00	27.05 1.16 0.00	28.50 1.30 0.00	30.25 1.35 0.00	33.10 1.39 0.00	39.03 1.50 0.00	41.66 1.42 0.00	40.08 1.00 0.00	39.04 0.84 0.00	39.71 1.41 0.00	35.71 1.36 0.00	30.71 1.39 0.00	27.04 1.43 0.00
PLEASANTVLY___LBMP 24000	29.43 1.32 0.00	33.56 1.25 0.00	25.66 0.94 0.00	25.74 0.91 0.00	26.64 0.89 0.00	34.11 1.09 0.00	107.64 3.60 0.00	45.74 1.70 0.00	47.64 1.75 0.00	39.69 1.58 0.00	32.47 1.31 0.00	29.06 1.13 0.00	26.94 1.06 0.00	28.41 1.22 0.00	30.32 1.43 0.00	33.23 1.50 0.00	39.23 1.71 0.00	41.92 1.68 0.00	40.62 1.53 0.00	39.63 1.42 0.00	39.74 1.44 0.00	35.51 1.16 0.00	30.26 0.94 0.00	26.40 0.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.60 1.49 0.00	33.74 1.44 0.00	25.81 1.08 0.00	25.89 1.07 0.00	26.76 1.01 0.00	34.27 1.25 0.00	108.20 4.15 0.00	45.98 1.94 0.00	47.89 2.00 0.00	39.93 1.82 0.00	32.70 1.54 0.00	29.26 1.34 0.00	27.16 1.28 0.00	28.64 1.45 0.00	30.56 1.66 0.00	33.47 1.75 0.00	39.52 2.00 0.00	42.21 1.97 0.00	40.88 1.80 0.00	39.86 1.65 0.00	39.96 1.66 0.00	35.72 1.36 0.00	30.44 1.12 0.00	26.55 0.94 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.60 1.49 0.00	33.74 1.44 0.00	25.81 1.08 0.00	25.89 1.07 0.00	26.76 1.01 0.00	34.27 1.25 0.00	108.20 4.15 0.00	45.98 1.94 0.00	47.89 2.00 0.00	39.93 1.82 0.00	32.70 1.54 0.00	29.26 1.34 0.00	27.16 1.28 0.00	28.64 1.45 0.00	30.56 1.66 0.00	33.47 1.75 0.00	39.52 2.00 0.00	42.21 1.97 0.00	40.88 1.80 0.00	39.86 1.65 0.00	39.96 1.66 0.00	35.72 1.36 0.00	30.44 1.12 0.00	26.55 0.94 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.66 1.54 0.00	33.80 1.50 0.00	25.85 1.13 0.00	25.94 1.11 0.00	26.83 1.08 0.00	34.39 1.37 0.00	108.63 4.59 0.00	46.20 2.16 0.00	48.09 2.21 0.00	40.02 1.91 0.00	32.71 1.56 0.00	29.25 1.33 0.00	27.13 1.24 0.00	28.59 1.39 0.00	30.48 1.59 0.00	33.44 1.72 0.00	39.55 2.02 0.00	42.33 2.09 0.00	41.05 1.96 0.00	40.05 1.84 0.00	40.15 1.84 0.00	35.85 1.50 0.00	30.52 1.19 0.00	26.60 0.99 0.00
POLETTI___ 23519	29.71 1.59 0.00	33.85 1.55 0.00	25.91 1.19 0.00	26.00 1.17 0.00	26.83 1.08 0.00	34.27 1.26 0.00	108.26 4.22 0.00	45.97 1.93 0.00	47.87 1.98 0.00	40.01 1.90 0.00	32.80 1.64 0.00	29.37 1.45 0.00	27.28 1.39 0.00	28.76 1.56 0.00	30.68 1.79 0.00	33.60 1.88 0.00	39.65 2.13 0.00	42.26 2.03 0.00	40.90 1.82 0.00	39.83 1.63 0.00	39.94 1.64 0.00	35.76 1.41 0.00	30.46 1.14 0.00	26.59 0.98 0.00
POMONA___ESR 323819	29.38 1.27 0.00	33.54 1.23 0.00	25.65 0.93 0.00	25.76 0.93 0.00	26.62 0.87 0.00	34.10 1.09 0.00	107.75 3.71 0.00	45.77 1.74 0.00	47.55 1.66 0.00	39.64 1.52 0.00	32.43 1.27 0.00	28.99 1.07 0.00	26.93 1.05 0.00	28.41 1.21 0.00	30.30 1.40 0.00	33.23 1.51 0.00	39.28 1.76 0.00	41.98 1.74 0.00	40.71 1.63 0.00	39.62 1.41 0.00	39.69 1.39 0.00	35.53 1.18 0.00	30.29 0.96 0.00	26.42 0.80 0.00
PORT_JEFF_3 23555	30.10 1.98 0.00	34.22 1.92 0.00	26.14 1.42 0.00	26.18 1.36 0.00	26.99 1.24 0.00	34.26 1.24 0.00	108.04 4.00 0.00	44.48 1.22 0.78	34.60 1.27 12.56	39.74 1.63 0.00	32.88 1.72 0.00	29.60 1.67 0.00	27.27 1.39 0.00	28.72 1.52 0.00	30.66 1.77 0.00	33.44 1.72 0.00	38.94 1.75 0.33	41.94 1.70 0.00	39.12 1.39 1.35	39.49 1.28 0.00	39.71 1.40 0.00	29.65 1.05 5.75	30.41 1.09 0.00	26.76 1.14 0.00

PORT_JEFF_4 23616	30.10 1.98 0.00	34.22 1.92 0.00	26.14 1.42 0.00	26.18 1.36 0.00	26.99 1.24 0.00	34.26 1.24 0.00	108.04 4.00 0.00	44.48 1.22 0.78	34.60 1.27 12.56	39.74 1.63 0.00	32.88 1.72 0.00	29.60 1.67 0.00	27.27 1.39 0.00	28.72 1.52 0.00	30.66 1.77 0.00	33.44 1.72 0.00	38.94 1.75 0.33	41.94 1.70 0.00	39.12 1.39 1.35	39.49 1.28 0.00	39.71 1.40 0.00	29.65 1.05 5.75	30.41 1.09 0.00	26.76 1.14 0.00
PORT_JEFF_IC 23713	30.11 1.99 0.00	34.23 1.92 0.00	26.14 1.42 0.00	26.19 1.36 0.00	26.99 1.24 0.00	34.26 1.24 0.00	108.04 3.99 0.00	44.49 1.23 0.78	34.56 1.19 12.52	39.73 1.62 0.00	32.87 1.71 0.00	29.61 1.68 0.00	27.28 1.39 0.00	28.73 1.53 0.00	30.66 1.77 0.00	33.45 1.73 0.00	38.96 1.77 0.33	41.96 1.72 0.00	39.12 1.39 1.35	39.47 1.26 0.00	39.72 1.42 0.00	29.68 1.06 5.74	30.42 1.09 0.00	26.76 1.14 0.00
PPL_PILGRIM_ST_GT1 24216	30.22 2.11 0.00	34.34 2.04 0.00	26.22 1.49 0.00	26.26 1.44 0.00	27.07 1.31 0.00	34.40 1.38 0.00	108.26 4.22 0.00	44.34 1.06 0.76	34.94 1.39 12.34	39.86 1.75 0.00	33.00 1.84 0.00	29.71 1.79 0.00	27.39 1.50 0.00	28.86 1.66 0.00	30.75 1.86 0.00	33.53 1.81 0.00	39.02 1.82 0.33	41.97 1.73 0.00	39.22 1.45 1.31	39.62 1.41 0.00	39.79 1.49 0.00	29.78 1.08 5.66	30.47 1.14 0.00	26.82 1.20 0.00
PPL_PILGRIM_ST_GT2 24217	30.22 2.11 0.00	34.34 2.04 0.00	26.22 1.49 0.00	26.26 1.44 0.00	27.07 1.31 0.00	34.40 1.38 0.00	108.26 4.22 0.00	44.34 1.06 0.76	34.94 1.39 12.34	39.86 1.75 0.00	33.00 1.84 0.00	29.71 1.79 0.00	27.39 1.50 0.00	28.86 1.66 0.00	30.75 1.86 0.00	33.53 1.81 0.00	39.02 1.82 0.33	41.97 1.73 0.00	39.22 1.45 1.31	39.62 1.41 0.00	39.79 1.49 0.00	29.78 1.08 5.66	30.47 1.14 0.00	26.82 1.20 0.00
PPL_SHRM_GT3 24213	30.21 2.09 0.00	34.32 2.01 0.00	26.21 1.49 0.00	26.26 1.43 0.00	27.07 1.32 0.00	34.28 1.26 0.00	108.41 4.37 0.00	44.42 1.17 0.78	34.74 1.39 12.54	39.79 1.68 0.00	32.87 1.71 0.00	29.58 1.66 0.00	27.21 1.33 0.00	28.66 1.46 0.00	30.67 1.78 0.00	33.49 1.78 0.00	39.04 1.84 0.33	42.08 1.85 0.00	39.36 1.62 1.35	39.72 1.51 0.00	39.87 1.57 0.00	29.81 1.20 5.75	30.53 1.20 0.00	26.83 1.22 0.00
PPL_SHRM_GT4 24214	30.21 2.09 0.00	34.32 2.01 0.00	26.21 1.49 0.00	26.26 1.43 0.00	27.07 1.32 0.00	34.28 1.26 0.00	108.41 4.37 0.00	44.42 1.17 0.78	34.74 1.39 12.54	39.79 1.68 0.00	32.87 1.71 0.00	29.58 1.66 0.00	27.21 1.33 0.00	28.66 1.46 0.00	30.67 1.78 0.00	33.49 1.78 0.00	39.04 1.84 0.33	42.08 1.85 0.00	39.36 1.62 1.35	39.72 1.51 0.00	39.87 1.57 0.00	29.81 1.20 5.75	30.53 1.20 0.00	26.83 1.22 0.00
PROJECT___ORANGE 1 24174	27.51 -0.61 0.00	31.64 -0.67 0.00	24.19 -0.53 0.00	24.31 -0.52 0.00	25.23 -0.52 0.00	32.38 -0.64 0.00	103.64 -1.97 -1.57	54.47 -0.78 -11.22	50.70 -0.89 -5.70	37.39 -0.72 0.00	30.55 -0.61 0.00	27.38 -0.55 0.00	25.36 -0.52 0.00	26.59 -0.61 0.00	28.18 -0.71 0.00	31.04 -0.68 0.00	36.90 -0.62 0.00	39.59 -0.65 0.00	38.53 -0.56 0.00	37.65 -0.56 0.00	37.67 -0.63 0.00	33.75 -0.61 0.00	28.71 -0.62 0.00	25.07 -0.54 0.00
PROJECT___ORANGE 2 24166	27.51 -0.61 0.00	31.64 -0.67 0.00	24.19 -0.53 0.00	24.31 -0.52 0.00	25.23 -0.52 0.00	32.38 -0.64 0.00	103.64 -1.97 -1.57	54.47 -0.78 -11.22	50.70 -0.89 -5.70	37.39 -0.72 0.00	30.55 -0.61 0.00	27.38 -0.55 0.00	25.36 -0.52 0.00	26.59 -0.61 0.00	28.18 -0.71 0.00	31.04 -0.68 0.00	36.90 -0.62 0.00	39.59 -0.65 0.00	38.53 -0.56 0.00	37.65 -0.56 0.00	37.67 -0.63 0.00	33.75 -0.61 0.00	28.71 -0.62 0.00	25.07 -0.54 0.00
PUCKETT___SOLAR 323809	28.46 0.34 0.00	32.72 0.42 0.00	25.02 0.30 0.00	25.17 0.33 0.00	26.09 0.34 0.00	33.57 0.55 0.00	105.68 1.64 0.00	45.32 1.28 0.00	47.08 1.20 0.00	39.02 0.91 0.00	31.66 0.50 0.00	28.29 0.36 0.00	26.41 0.53 0.00	27.70 0.50 0.00	29.21 0.31 0.00	31.97 0.25 0.00	37.68 0.15 0.00	40.62 0.38 0.00	39.54 0.45 0.00	38.79 0.58 0.00	38.94 0.63 0.00	34.84 0.49 0.00	29.56 0.24 0.00	25.83 0.21 0.00
PYRITES___HYD 24023	29.25 1.14 0.00	33.92 1.62 0.00	26.00 1.28 0.00	26.09 1.26 0.00	27.17 1.41 0.00	34.87 1.85 0.00	168.37 6.35 -57.98	452.47 2.45 -405.98	252.04 2.65 -203.51	40.12 2.01 0.00	32.80 1.64 0.00	29.46 1.53 0.00	27.27 1.39 0.00	28.57 1.38 0.00	30.32 1.43 0.00	33.37 1.65 0.00	39.44 1.92 0.00	42.33 2.10 0.00	41.29 2.21 0.00	40.44 2.23 0.00	40.53 2.23 0.00	36.35 2.00 0.00	31.01 1.68 0.00	27.11 1.49 0.00
QUAKERRD_115KV_BK1 80622	26.67 -1.44 0.00	30.88 -1.42 0.00	23.60 -1.12 0.00	23.77 -1.06 0.00	24.64 -1.11 0.00	31.69 -1.33 0.00	99.71 -4.33 0.00	42.51 -1.53 0.00	44.24 -1.65 0.00	36.73 -1.38 0.00	30.04 -1.13 0.00	26.93 -0.99 0.00	25.03 -0.85 0.00	26.23 -0.97 0.00	27.72 -1.17 0.00	30.49 -1.23 0.00	35.96 -1.57 0.00	38.61 -1.63 0.00	37.64 -1.44 0.00	36.79 -1.41 0.00	36.74 -1.56 0.00	32.95 -1.41 0.00	27.90 -1.42 0.00	24.45 -1.17 0.00
QUEENSBRY_115KV_TB8 356137	29.61 1.50 0.00	33.82 1.52 0.00	25.91 1.19 0.00	26.00 1.16 0.00	27.03 1.28 0.00	34.71 1.69 0.00	109.32 5.28 0.00	46.63 2.59 0.00	48.45 2.57 0.00	39.84 1.73 0.00	32.51 1.35 0.00	29.04 1.11 0.00	26.76 0.88 0.00	28.16 0.96 0.00	30.04 1.15 0.00	32.74 1.02 0.00	38.79 1.26 0.00	41.84 1.60 0.00	40.55 1.46 0.00	39.78 1.57 0.00	39.97 1.67 0.00	35.52 1.16 0.00	30.39 1.06 0.00	26.48 0.87 0.00
RAMAPO___LBMP 323565	29.31 1.19 0.00	33.45 1.14 0.00	25.59 0.87 0.00	25.69 0.87 0.00	26.56 0.80 0.00	34.02 1.00 0.00	107.44 3.40 0.00	45.64 1.60 0.00	47.42 1.53 0.00	39.53 1.42 0.00	32.33 1.18 0.00	28.91 0.98 0.00	26.86 0.97 0.00	28.32 1.12 0.00	30.20 1.31 0.00	33.11 1.39 0.00	39.14 1.62 0.00	41.84 1.60 0.00	40.57 1.49 0.00	39.50 1.29 0.00	39.57 1.27 0.00	35.41 1.06 0.00	30.20 0.88 0.00	26.34 0.73 0.00
RANKINE____ 23646	26.89 -1.23 0.00	31.43 -0.87 0.00	24.02 -0.70 0.00	24.24 -0.59 0.00	25.08 -0.67 0.00	32.31 -0.71 0.00	101.30 -2.74 0.00	43.47 -0.57 0.00	45.20 -0.69 0.00	37.66 -0.46 0.00	30.79 -0.37 0.00	27.70 -0.23 0.00	25.93 0.05 0.00	27.10 -0.10 0.00	28.51 -0.38 0.00	31.34 -0.38 0.00	36.54 -0.98 0.00	38.98 -1.25 0.00	38.04 -1.05 0.00	37.27 -0.93 0.00	37.17 -1.14 0.00	33.50 -0.86 0.00	28.25 -1.07 0.00	24.90 -0.72 0.00
RAVENSWOOD_GT2_1 24244	29.72 1.61 0.00	33.87 1.56 0.00	25.92 1.20 0.00	26.00 1.17 0.00	26.85 1.09 0.00	34.34 1.32 0.00	108.46 4.42 0.00	46.05 2.01 0.00	47.95 2.07 0.00	40.07 1.96 0.00	32.84 1.68 0.00	29.42 1.49 0.00	27.30 1.42 0.00	28.80 1.60 0.00	30.72 1.82 0.00	33.65 1.93 0.00	39.70 2.18 0.00	42.32 2.09 0.00	40.99 1.91 0.00	39.93 1.72 0.00	40.04 1.74 0.00	35.84 1.49 0.00	30.53 1.21 0.00	26.64 1.03 0.00

RAVENSWOOD_GT2_2 24245	29.72 1.61 0.00	33.87 1.56 0.00	25.92 1.20 0.00	26.00 1.17 0.00	26.85 1.09 0.00	34.34 1.32 0.00	108.46 4.42 0.00	46.05 2.01 0.00	47.95 2.07 0.00	40.07 1.96 0.00	32.84 1.68 0.00	29.42 1.49 0.00	27.30 1.42 0.00	28.80 1.60 0.00	30.72 1.82 0.00	33.65 1.93 0.00	39.70 2.18 0.00	42.32 2.09 0.00	40.99 1.91 0.00	39.93 1.72 0.00	40.04 1.74 0.00	35.84 1.49 0.00	30.53 1.21 0.00	26.64 1.03 0.00
RAVENSWOOD_GT2_3 24246	29.73 1.62 0.00	33.88 1.58 0.00	25.93 1.21 0.00	26.01 1.18 0.00	26.86 1.11 0.00	34.36 1.34 0.00	108.48 4.44 0.00	46.07 2.03 0.00	47.98 2.09 0.00	40.11 2.00 0.00	32.86 1.71 0.00	29.44 1.51 0.00	27.32 1.44 0.00	28.81 1.61 0.00	30.74 1.84 0.00	33.67 1.95 0.00	39.73 2.20 0.00	42.36 2.12 0.00	41.02 1.93 0.00	39.95 1.74 0.00	40.06 1.76 0.00	35.87 1.51 0.00	30.55 1.23 0.00	26.66 1.04 0.00
RAVENSWOOD_GT2_4 24247	29.73 1.62 0.00	33.88 1.58 0.00	25.93 1.21 0.00	26.01 1.18 0.00	26.86 1.11 0.00	34.36 1.34 0.00	108.48 4.44 0.00	46.07 2.03 0.00	47.98 2.09 0.00	40.11 2.00 0.00	32.86 1.71 0.00	29.44 1.51 0.00	27.32 1.44 0.00	28.81 1.61 0.00	30.74 1.84 0.00	33.67 1.95 0.00	39.73 2.20 0.00	42.36 2.12 0.00	41.02 1.93 0.00	39.95 1.74 0.00	40.06 1.76 0.00	35.87 1.51 0.00	30.55 1.23 0.00	26.66 1.04 0.00
RAVENSWOOD_GT3_1 24248	29.72 1.61 0.00	33.87 1.57 0.00	25.92 1.20 0.00	26.00 1.17 0.00	26.85 1.09 0.00	34.35 1.33 0.00	108.46 4.42 0.00	46.05 2.01 0.00	47.96 2.07 0.00	40.08 1.97 0.00	32.85 1.69 0.00	29.42 1.50 0.00	27.31 1.43 0.00	28.80 1.60 0.00	30.72 1.83 0.00	33.65 1.93 0.00	39.71 2.19 0.00	42.33 2.10 0.00	41.00 1.92 0.00	39.93 1.72 0.00	40.04 1.74 0.00	35.85 1.49 0.00	30.53 1.21 0.00	26.64 1.03 0.00
RAVENSWOOD_GT3_2 24249	29.72 1.61 0.00	33.87 1.57 0.00	25.92 1.20 0.00	26.00 1.17 0.00	26.85 1.09 0.00	34.35 1.33 0.00	108.46 4.42 0.00	46.05 2.01 0.00	47.96 2.07 0.00	40.08 1.97 0.00	32.85 1.69 0.00	29.42 1.50 0.00	27.31 1.43 0.00	28.80 1.60 0.00	30.72 1.83 0.00	33.65 1.93 0.00	39.71 2.19 0.00	42.33 2.10 0.00	41.00 1.92 0.00	39.93 1.72 0.00	40.04 1.74 0.00	35.85 1.49 0.00	30.53 1.21 0.00	26.64 1.03 0.00
RAVENSWOOD_GT3_3 24250	29.77 1.66 0.00	33.93 1.62 0.00	25.95 1.23 0.00	26.04 1.21 0.00	26.89 1.13 0.00	34.40 1.38 0.00	108.59 4.55 0.00	46.13 2.09 0.00	48.04 2.16 0.00	40.15 2.04 0.00	32.90 1.74 0.00	29.47 1.55 0.00	27.36 1.47 0.00	28.85 1.65 0.00	30.78 1.88 0.00	33.71 1.99 0.00	39.78 2.25 0.00	42.40 2.16 0.00	41.07 1.99 0.00	40.00 1.79 0.00	40.11 1.81 0.00	35.91 1.55 0.00	30.59 1.26 0.00	26.68 1.07 0.00
RAVENSWOOD_GT3_4 24251	29.77 1.66 0.00	33.93 1.62 0.00	25.95 1.23 0.00	26.04 1.21 0.00	26.89 1.13 0.00	34.40 1.38 0.00	108.59 4.55 0.00	46.13 2.09 0.00	48.04 2.16 0.00	40.15 2.04 0.00	32.90 1.74 0.00	29.47 1.55 0.00	27.36 1.47 0.00	28.85 1.65 0.00	30.78 1.88 0.00	33.71 1.99 0.00	39.78 2.25 0.00	42.40 2.16 0.00	41.07 1.99 0.00	40.00 1.79 0.00	40.11 1.81 0.00	35.91 1.55 0.00	30.59 1.26 0.00	26.68 1.07 0.00
RAVENSWOOD_GT_1 23729	29.75 1.64 0.00	33.91 1.61 0.00	25.96 1.24 0.00	26.03 1.20 0.00	26.88 1.13 0.00	34.40 1.37 0.00	108.47 4.43 0.00	46.05 2.02 0.00	47.98 2.09 0.00	4														

RAVENSWOOD_GT_9 24257	29.72 1.61 0.00	33.87 1.57 0.00	25.92 1.20 0.00	26.00 1.17 0.00	26.85 1.10 0.00	34.35 1.33 0.00	108.46 4.42 0.00	46.05 2.02 0.00	47.97 2.08 0.00	40.08 1.97 0.00	32.85 1.69 0.00	29.42 1.50 0.00	27.31 1.43 0.00	28.80 1.60 0.00	30.72 1.83 0.00	33.65 1.93 0.00	39.71 2.19 0.00	42.34 2.10 0.00	41.00 1.92 0.00	39.94 1.73 0.00	40.04 1.74 0.00	35.85 1.49 0.00	30.53 1.21 0.00	26.65 1.03 0.00
RAVENSWOOD___1 23533	29.71 1.59 0.00	33.86 1.56 0.00	25.92 1.20 0.00	25.98 1.15 0.00	26.83 1.07 0.00	34.34 1.33 0.00	108.36 4.31 0.00	45.97 1.93 0.00	47.90 2.01 0.00	40.07 1.96 0.00	32.83 1.68 0.00	29.42 1.50 0.00	27.29 1.41 0.00	28.79 1.59 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.68 2.15 0.00	42.27 2.03 0.00	40.93 1.84 0.00	39.87 1.67 0.00	40.01 1.71 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
RAVENSWOOD___2 23534	29.71 1.59 0.00	33.86 1.56 0.00	25.92 1.20 0.00	25.98 1.15 0.00	26.83 1.07 0.00	34.34 1.33 0.00	108.36 4.31 0.00	45.97 1.93 0.00	47.90 2.01 0.00	40.07 1.96 0.00	32.83 1.68 0.00	29.42 1.50 0.00	27.29 1.41 0.00	28.79 1.59 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.68 2.15 0.00	42.27 2.03 0.00	40.93 1.84 0.00	39.87 1.67 0.00	40.01 1.71 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
RAVENSWOOD___3 23535	29.72 1.61 0.00	33.87 1.57 0.00	25.92 1.20 0.00	26.00 1.17 0.00	26.85 1.10 0.00	34.35 1.33 0.00	108.46 4.41 0.00	46.04 2.01 0.00	47.96 2.07 0.00	40.09 1.98 0.00	32.85 1.70 0.00	29.42 1.50 0.00	27.31 1.43 0.00	28.80 1.60 0.00	30.73 1.83 0.00	33.65 1.93 0.00	39.71 2.18 0.00	42.33 2.10 0.00	41.00 1.91 0.00	39.93 1.73 0.00	40.04 1.74 0.00	35.85 1.49 0.00	30.54 1.21 0.00	26.65 1.03 0.00
RAVENSWOOD___4 23820	29.71 1.59 0.00	33.86 1.56 0.00	25.92 1.20 0.00	25.98 1.15 0.00	26.83 1.07 0.00	34.34 1.33 0.00	108.36 4.31 0.00	45.97 1.93 0.00	47.90 2.01 0.00	40.07 1.96 0.00	32.83 1.68 0.00	29.42 1.50 0.00	27.29 1.41 0.00	28.79 1.59 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.68 2.15 0.00	42.27 2.03 0.00	40.93 1.84 0.00	39.87 1.67 0.00	40.01 1.71 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
RCPL_TRUST___DRP 24196	29.71 1.59 0.00	33.85 1.55 0.00	25.90 1.17 0.00	25.98 1.15 0.00	26.83 1.08 0.00	34.33 1.32 0.00	108.47 4.43 0.00	46.11 2.07 0.00	48.03 2.14 0.00	40.13 2.02 0.00	32.89 1.73 0.00	29.45 1.52 0.00	27.34 1.45 0.00	28.83 1.63 0.00	30.76 1.86 0.00	33.70 1.98 0.00	39.77 2.24 0.00	42.40 2.16 0.00	41.03 1.95 0.00	39.95 1.74 0.00	40.04 1.74 0.00	35.84 1.48 0.00	30.54 1.22 0.00	26.64 1.02 0.00
RED___ROCHESTER 323720	27.27 -0.85 0.00	31.63 -0.67 0.00	24.16 -0.56 0.00	24.34 -0.49 0.00	25.23 -0.53 0.00	32.46 -0.56 0.00	102.08 -1.96 0.00	43.63 -0.41 0.00	45.39 -0.49 0.00	37.66 -0.45 0.00	30.79 -0.37 0.00	27.64 -0.29 0.00	25.70 -0.18 0.00	26.93 -0.27 0.00	28.43 -0.46 0.00	31.27 -0.45 0.00	36.84 -0.69 0.00	39.54 -0.70 0.00	38.58 -0.51 0.00	37.74 -0.47 0.00	37.64 -0.66 0.00	33.77 -0.58 0.00	28.56 -0.76 0.00	25.02 -0.59 0.00
REGAN___SOLAR 323812	29.82 1.70 0.00	34.16 1.85 0.00	26.16 1.43 0.00	26.27 1.44 0.00	27.29 1.53 0.00	35.11 2.09 0.00	111.15 7.11 0.00	47.24 3.20 0.00	48.54 2.65 0.00	39.22 1.10 0.00	31.78 0.62 0.00	28.52 0.59 0.00	26.21 0.32 0.00	27.63 0.43 0.00	29.28 0.38 0.00	32.10 0.38 0.00	38.60 1.07 0.00	42.60 2.36 0.00	41.83 2.74 0.00	40.94 2.73 0.00	41.05 2.75 0.00	36.66 2.31 0.00	31.17 1.84 0.00	27.16 1.54 0.00
RENSSELAER___COGEN 23796	28.73 0.62 0.00	32.80 0.49 0.00	25.10 0.38 0.00	25.17 0.34 0.00	26.13 0.37 0.00	33.46 0.44 0.00	105.56 1.52 0.00	44.76 0.72 0.00	46.66 0.78 0.00	38.71 0.60 0.00	31.63 0.48 0.00	28.24 0.31 0.00	26.13 0.25 0.00	27.51 0.31 0.00	29.38 0.49 0.00	32.20 0.49 0.00	38.12 0.59 0.00	40.90 0.67 0.00	39.66 0.57 0.00	38.84 0.63 0.00	38.98 0.68 0.00	34.69 0.33 0.00	29.55 0.23 0.00	25.76 0.15 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.02 2.90 0.00	35.45 3.15 0.00	27.28 2.55 0.00	27.42 2.59 0.00	28.51 2.76 0.00	36.69 3.66 0.00	115.22 11.18 0.00	49.52 5.48 0.00	51.47 5.58 0.00	41.77 3.65 0.00	33.79 2.63 0.00	30.22 2.29 0.00	27.84 1.96 0.00	29.42 2.23 0.00	31.56 2.67 0.00	34.54 2.82 0.00	40.66 3.14 0.00	43.86 3.62 0.00	42.59 3.51 0.00	42.00 3.79 0.00	42.44 4.15 0.00	37.56 3.21 0.00	31.94 2.62 0.00	27.92 2.30 0.00
REVERE_CPPR_DRP 24186	28.76 0.64 0.00	33.13 0.83 0.00	25.33 0.60 0.00	25.46 0.63 0.00	26.47 0.72 0.00	34.11 1.10 0.00	112.66 3.95 -4.67	79.02 1.84 -33.14	64.38 1.84 -16.66	39.62 1.51 0.00	32.28 1.12 0.00	28.84 0.91 0.00	26.60 0.71 0.00	27.90 0.70 0.00	29.53 0.63 0.00	32.39 0.67 0.00	38.71 1.18 0.00	41.86 1.62 0.00	40.89 1.80 0.00	40.01 1.80 0.00	39.94 1.64 0.00	35.69 1.34 0.00	30.36 1.04 0.00	26.47 0.86 0.00
REYNOLDS_115KV_TB3 80639	28.98 0.87 0.00	33.08 0.77 0.00	25.32 0.60 0.00	25.38 0.56 0.00	26.36 0.61 0.00	33.75 0.74 0.00	106.39 2.35 0.00	45.14 1.10 0.00	47.08 1.19 0.00	39.03 0.91 0.00	31.89 0.74 0.00	28.47 0.55 0.00	26.35 0.46 0.00	27.75 0.55 0.00	29.65 0.76 0.00	32.50 0.78 0.00	38.43 0.90 0.00	41.21 0.97 0.00	39.95 0.86 0.00	39.14 0.93 0.00	39.29 0.99 0.00	34.97 0.62 0.00	29.79 0.47 0.00	25.98 0.37 0.00
RIVERBAY____ 323610	29.70 1.58 0.00	33.90 1.60 0.00	25.97 1.25 0.00	26.03 1.20 0.00	26.87 1.12 0.00	34.43 1.41 0.00	108.64 4.59 0.00	46.21 2.17 0.00	48.04 2.16 0.00	40.13 2.02 0.00	32.81 1.66 0.00	29.42 1.49 0.00	27.25 1.37 0.00	28.77 1.57 0.00	30.66 1.77 0.00	33.58 1.86 0.00	39.63 2.10 0.00	42.25 2.01 0.00	40.95 1.86 0.00	39.95 1.75 0.00	40.08 1.78 0.00	35.89 1.53 0.00	30.52 1.20 0.00	26.64 1.03 0.00
RIVERSDE_115KV_TB3 55908	28.87 0.76 0.00	32.95 0.64 0.00	25.22 0.50 0.00	25.28 0.46 0.00	26.25 0.50 0.00	33.62 0.60 0.00	106.04 2.00 0.00	44.99 0.95 0.00	46.91 1.02 0.00	38.90 0.79 0.00	31.79 0.63 0.00	28.39 0.47 0.00	26.27 0.38 0.00	27.66 0.46 0.00	29.54 0.65 0.00	32.39 0.67 0.00	38.33 0.80 0.00	41.10 0.87 0.00	39.85 0.76 0.00	39.02 0.81 0.00	39.16 0.86 0.00	34.85 0.49 0.00	29.68 0.36 0.00	25.88 0.27 0.00
ROARING___BROOK_WT_PWR 323790	27.99 -0.13 0.00	32.39 0.08 0.00	24.77 0.05 0.00	24.96 0.13 0.00	25.96 0.21 0.00	33.22 0.20 0.00	100.75 0.48 3.77	17.44 0.17 26.77	32.75 0.29 13.43	38.37 0.26 0.00	31.43 0.27 0.00	28.22 0.29 0.00	26.14 0.26 0.00	27.48 0.28 0.00	29.14 0.25 0.00	31.90 0.18 0.00	37.79 0.26 0.00	40.49 0.26 0.00	39.28 0.20 0.00	38.40 0.19 0.00	38.55 0.25 0.00	34.58 0.22 0.00	29.53 0.21 0.00	25.83 0.22 0.00

ROCHESRG_115KV_T4 355643	27.03 -1.09 0.00	31.37 -0.94 0.00	23.96 -0.76 0.00	24.15 -0.68 0.00	25.02 -0.73 0.00	32.18 -0.84 0.00	101.15 -2.90 0.00	43.17 -0.87 0.00	44.93 -0.96 0.00	37.30 -0.82 0.00	30.51 -0.66 0.00	27.37 -0.56 0.00	25.47 -0.41 0.00	26.68 -0.52 0.00	28.19 -0.70 0.00	30.99 -0.73 0.00	36.47 -1.05 0.00	39.10 -1.14 0.00	38.13 -0.95 0.00	37.29 -0.91 0.00	37.22 -1.08 0.00	33.41 -0.94 0.00	28.28 -1.05 0.00	24.80 -0.82 0.00
ROCHESTER_9_IC 23652	27.16 -0.96 0.00	31.53 -0.78 0.00	24.07 -0.66 0.00	24.25 -0.58 0.00	25.13 -0.62 0.00	32.33 -0.69 0.00	101.69 -2.35 0.00	43.42 -0.62 0.00	45.19 -0.70 0.00	37.50 -0.61 0.00	30.67 -0.49 0.00	27.52 -0.40 0.00	25.60 -0.29 0.00	26.82 -0.38 0.00	28.33 -0.57 0.00	31.15 -0.57 0.00	36.66 -0.86 0.00	39.34 -0.90 0.00	38.38 -0.71 0.00	37.53 -0.68 0.00	37.45 -0.85 0.00	33.61 -0.75 0.00	28.43 -0.89 0.00	24.93 -0.69 0.00
ROCKVIEW_13_KV_LD 356306	29.73 1.62 0.00	33.88 1.57 0.00	25.89 1.17 0.00	25.98 1.15 0.00	26.84 1.09 0.00	34.35 1.33 0.00	108.53 4.49 0.00	46.14 2.10 0.00	48.04 2.16 0.00	40.11 2.00 0.00	32.86 1.71 0.00	29.43 1.50 0.00	27.30 1.42 0.00	28.79 1.60 0.00	30.72 1.82 0.00	33.66 1.94 0.00	39.74 2.21 0.00	42.40 2.16 0.00	41.05 1.96 0.00	39.99 1.78 0.00	40.09 1.79 0.00	35.85 1.50 0.00	30.55 1.23 0.00	26.65 1.04 0.00
ROME____115KV_TB2 80656	28.76 0.64 0.00	33.13 0.83 0.00	25.33 0.60 0.00	25.46 0.63 0.00	26.47 0.72 0.00	34.11 1.10 0.00	112.66 3.95 -4.67	79.02 1.84 -33.14	64.38 1.84 -16.66	39.62 1.51 0.00	32.28 1.12 0.00	28.84 0.91 0.00	26.60 0.71 0.00	27.90 0.70 0.00	29.53 0.63 0.00	32.39 0.67 0.00	38.71 1.18 0.00	41.86 1.62 0.00	40.89 1.80 0.00	40.01 1.80 0.00	39.94 1.64 0.00	35.69 1.34 0.00	30.36 1.04 0.00	26.47 0.86 0.00
ROSETON___1 23587	29.37 1.26 0.00	33.50 1.20 0.00	25.63 0.91 0.00	25.72 0.89 0.00	26.60 0.85 0.00	34.07 1.05 0.00	107.54 3.49 0.00	45.67 1.63 0.00	47.54 1.65 0.00	39.62 1.51 0.00	32.42 1.26 0.00	29.00 1.08 0.00	26.91 1.03 0.00	28.37 1.17 0.00	30.26 1.36 0.00	33.17 1.45 0.00	39.16 1.64 0.00	41.86 1.63 0.00	40.57 1.49 0.00	39.57 1.36 0.00	39.68 1.38 0.00	35.47 1.11 0.00	30.23 0.90 0.00	26.37 0.75 0.00
ROSETON___2 23588	29.37 1.26 0.00	33.50 1.20 0.00	25.63 0.91 0.00	25.72 0.89 0.00	26.60 0.85 0.00	34.07 1.05 0.00	107.54 3.49 0.00	45.67 1.63 0.00	47.54 1.65 0.00	39.62 1.51 0.00	32.42 1.26 0.00	29.00 1.08 0.00	26.91 1.03 0.00	28.37 1.17 0.00	30.26 1.36 0.00	33.17 1.45 0.00	39.16 1.64 0.00	41.86 1.63 0.00	40.57 1.49 0.00	39.57 1.36 0.00	39.68 1.38 0.00	35.47 1.11 0.00	30.23 0.90 0.00	26.37 0.75 0.00
ROTRDAM_115KV_TB3 80664	29.05 0.94 0.00	33.22 0.92 0.00	25.43 0.71 0.00	25.52 0.69 0.00	26.48 0.73 0.00	33.95 0.93 0.00	107.09 3.05 0.00	45.42 1.38 0.00	47.25 1.36 0.00	39.13 1.01 0.00	31.97 0.82 0.00	28.59 0.67 0.00	26.43 0.55 0.00	27.80 0.60 0.00	29.63 0.73 0.00	32.48 0.76 0.00	38.49 0.97 0.00	41.40 1.16 0.00	40.19 1.11 0.00	39.33 1.12 0.00	39.45 1.15 0.00	35.19 0.83 0.00	29.98 0.66 0.00	26.15 0.54 0.00
RUSSELL___1 23602	27.27 -0.85 0.00	31.63 -0.68 0.00	24.16 -0.56 0.00	24.34 -0.49 0.00	25.23 -0.53 0.00	32.46 -0.56 0.00	102.11 -1.93 0.00	43.63 -0.41 0.00	45.40 -0.49 0.00	37.66 -0.45 0.00	30.80 -0.36 0.00	27.64 -0.28 0.00	25.70 -0.18 0.00	26.93 -0.27 0.00	28.43 -0.46 0.00	31.27 -0.45 0.00	36.82 -0.70 0.00	39.54 -0.70 0.00	38.58 -0.51 0.00	37.74 -0.47 0.00	37.64 -0.66 0.00	33.77 -0.58 0.00	28.56 -0.76 0.00	25.03 -0.58 0.00
RUSSELL___2 23532	27.27 -0.85 0.00	31.63 -0.68 0.00	24.16 -0.56 0.00	24.34 -0.49 0.00	25.23 -0.53 0.00	32.46 -0.56 0.00	102.11 -1.93 0.00	43.63 -0.41 0.00	45.40 -0.49 0.00	37.66 -0.45 0.00	30.80 -0.36 0.00	27.64 -0.28 0.00	25.70 -0.18 0.00	26.93 -0.27 0.00	28.43 -0.46 0.00	31.27 -0.45 0.00	36.82 -0.70 0.00	39.54 -0.70 0.00	38.58 -0.51 0.00	37.74 -0.47 0.00	37.64 -0.66 0.00	33.77 -0.58 0.00	28.56 -0.76 0.00	25.03 -0.58 0.00
RUSSELL___3 23549	27.27 -0.85 0.00	31.63 -0.68 0.00	24.16 -0.56 0.00	24.34 -0.49 0.00	25.23 -0.53 0.00	32.46 -0.56 0.00	102.11 -1.93 0.00	43.63 -0.41 0.00	45.40 -0.49 0.00	37.66 -0.45 0.00	30.80 -0.36 0.00	27.64 -0.28 0.00	25.70 -0.18 0.00	26.93 -0.27 0.00	28.43 -0.46 0.00	31.27 -0.45 0.00	36.82 -0.70 0.00	39.54 -0.70 0.00	38.58 -0.51 0.00	37.74 -0.47 0.00	37.64 -0.66 0.00	33.77 -0.58 0.00	28.56 -0.76 0.00	25.03 -0.58 0.00
RUSSELL___4 23556	27.27 -0.85 0.00	31.63 -0.68 0.00	24.16 -0.56 0.00	24.34 -0.49 0.00	25.23 -0.53 0.00	32.46 -0.56 0.00	102.11 -1.93 0.00	43.63 -0.41 0.00	45.40 -0.49 0.00	37.66 -0.45 0.00	30.80 -0.36 0.00	27.64 -0.28 0.00	25.70 -0.18 0.00	26.93 -0.27 0.00	28.43 -0.46 0.00	31.27 -0.45 0.00	36.82 -0.70 0.00	39.54 -0.70 0.00	38.58 -0.51 0.00	37.74 -0.47 0.00	37.64 -0.66 0.00	33.77 -0.58 0.00	28.56 -0.76 0.00	25.03 -0.58 0.00
RUSSELL___STATION 23914	27.27 -0.85 0.00	31.63 -0.68 0.00	24.16 -0.56 0.00	24.34 -0.49 0.00	25.23 -0.53 0.00	32.46 -0.56 0.00	102.11 -1.93 0.00	43.63 -0.41 0.00	45.40 -0.49 0.00	37.66 -0.45 0.00	30.80 -0.36 0.00	27.64 -0.28 0.00	25.70 -0.18 0.00	26.93 -0.27 0.00	28.43 -0.46 0.00	31.27 -0.45 0.00	36.82 -0.70 0.00	39.54 -0.70 0.00	38.58 -0.51 0.00	37.74 -0.47 0.00	37.64 -0.66 0.00	33.77 -0.58 0.00	28.56 -0.76 0.00	25.03 -0.58 0.00
S SALMON___HYD 24043	27.46 -0.66 0.00	31.72 -0.58 0.00	24.30 -0.43 0.00	24.48 -0.35 0.00	25.47 -0.28 0.00	32.66 -0.36 0.00	108.80 -1.11 -5.87	85.46 -0.32 -41.74	66.59 -0.38 -21.08	37.75 -0.37 0.00	30.81 -0.35 0.00	27.61 -0.32 0.00	25.50 -0.39 0.00	26.68 -0.52 0.00	28.29 -0.61 0.00	31.15 -0.57 0.00	36.99 -0.54 0.00	39.98 -0.26 0.00	39.06 -0.03 0.00	38.16 -0.04 0.00	38.22 -0.08 0.00	34.18 -0.17 0.00	29.12 -0.20 0.00	25.40 -0.21 0.00
S.PERRY__115KV_TB1 80734	27.82 -0.29 0.00	32.30 -0.01 0.00	24.67 -0.05 0.00	24.81 -0.02 0.00	25.68 -0.07 0.00	33.13 0.11 0.00	104.86 0.82 0.00	45.09 1.05 0.00	46.76 0.88 0.00	38.53 0.42 0.00	31.03 -0.13 0.00	27.93 0.01 0.00	26.09 0.20 0.00	27.31 0.10 0.00	28.65 -0.24 0.00	31.41 -0.31 0.00	37.07 -0.46 0.00	40.04 -0.20 0.00	39.56 0.47 0.00	38.75 0.55 0.00	39.01 0.71 0.00	35.04 0.69 0.00	29.55 0.23 0.00	25.89 0.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.58 -1.53 0.00	31.10 -1.20 0.00	23.77 -0.96 0.00	23.99 -0.84 0.00	24.82 -0.93 0.00	31.95 -1.07 0.00	100.00 -4.04 0.00	42.86 -1.18 0.00	44.60 -1.28 0.00	37.16 -0.96 0.00	30.43 -0.73 0.00	27.37 -0.56 0.00	25.61 -0.28 0.00	26.78 -0.42 0.00	28.20 -0.69 0.00	30.98 -0.73 0.00	36.12 -1.41 0.00	38.47 -1.77 0.00	37.53 -1.56 0.00	36.75 -1.46 0.00	36.64 -1.66 0.00	33.03 -1.32 0.00	27.87 -1.45 0.00	24.58 -1.03 0.00

SAWYER___23_KV_LOAD 55526	26.58 -1.53 0.00	31.10 -1.20 0.00	23.77 -0.96 0.00	23.99 -0.84 0.00	24.82 -0.93 0.00	31.95 -1.07 0.00	100.00 -4.04 0.00	42.86 -1.18 0.00	44.60 -1.28 0.00	37.16 -0.96 0.00	30.43 -0.73 0.00	27.37 -0.56 0.00	25.61 -0.28 0.00	26.78 -0.42 0.00	28.20 -0.69 0.00	30.98 -0.73 0.00	36.12 -1.41 0.00	38.47 -1.77 0.00	37.53 -1.56 0.00	36.75 -1.46 0.00	36.64 -1.66 0.00	33.03 -1.32 0.00	27.87 -1.45 0.00	24.58 -1.03 0.00
SELKIRK___I 23801	28.99 0.87 0.00	33.13 0.83 0.00	25.36 0.64 0.00	25.44 0.61 0.00	26.41 0.65 0.00	33.85 0.83 0.00	106.75 2.71 0.00	45.22 1.18 0.00	47.05 1.17 0.00	39.01 0.90 0.00	31.85 0.69 0.00	28.43 0.50 0.00	26.26 0.38 0.00	27.64 0.44 0.00	29.53 0.63 0.00	32.31 0.59 0.00	38.37 0.84 0.00	41.27 1.03 0.00	40.03 0.95 0.00	39.20 1.00 0.00	39.35 1.05 0.00	35.03 0.67 0.00	29.82 0.50 0.00	26.03 0.41 0.00
SELKIRK___II 23799	28.83 0.72 0.00	32.92 0.61 0.00	25.19 0.47 0.00	25.27 0.44 0.00	26.23 0.47 0.00	33.60 0.58 0.00	106.00 1.96 0.00	44.94 0.90 0.00	46.82 0.94 0.00	38.84 0.73 0.00	31.74 0.58 0.00	28.33 0.40 0.00	26.21 0.33 0.00	27.60 0.40 0.00	29.46 0.56 0.00	32.29 0.57 0.00	38.24 0.72 0.00	41.05 0.81 0.00	39.83 0.74 0.00	38.99 0.78 0.00	39.13 0.82 0.00	34.83 0.48 0.00	29.66 0.34 0.00	25.87 0.25 0.00
SENECA OSWGO___HYD 24041	27.33 -0.79 0.00	31.42 -0.89 0.00	24.03 -0.69 0.00	24.15 -0.68 0.00	25.07 -0.68 0.00	32.16 -0.86 0.00	103.18 -2.75 -1.88	56.39 -1.13 -13.49	51.61 -1.25 -6.97	37.08 -1.04 0.00	30.28 -0.88 0.00	27.14 -0.79 0.00	25.13 -0.75 0.00	26.36 -0.84 0.00	27.95 -0.94 0.00	30.78 -0.94 0.00	36.50 -1.02 0.00	39.22 -1.01 0.00	38.23 -0.85 0.00	37.36 -0.85 0.00	37.41 -0.89 0.00	33.49 -0.87 0.00	28.50 -0.82 0.00	24.86 -0.75 0.00
SENECA___115KV_TB3 355854	26.92 -1.19 0.00	31.48 -0.82 0.00	24.05 -0.67 0.00	24.27 -0.56 0.00	25.12 -0.63 0.00	32.36 -0.66 0.00	101.43 -2.61 0.00	43.55 -0.49 0.00	45.28 -0.61 0.00	37.72 -0.39 0.00	30.84 -0.32 0.00	27.74 -0.19 0.00	25.97 0.09 0.00	27.15 -0.05 0.00	28.56 -0.33 0.00	31.38 -0.34 0.00	36.60 -0.93 0.00	39.04 -1.20 0.00	38.11 -0.98 0.00	37.32 -0.88 0.00	37.23 -1.08 0.00	33.56 -0.80 0.00	28.29 -1.03 0.00	24.93 -0.68 0.00
SENECA___ENERGY 23797	27.42 -0.70 0.00	31.59 -0.72 0.00	24.18 -0.55 0.00	24.30 -0.53 0.00	25.16 -0.59 0.00	32.34 -0.67 0.00	103.31 -1.84 -1.11	51.55 -0.43 -7.95	49.41 -0.56 -4.08	37.72 -0.40 0.00	30.65 -0.51 0.00	27.45 -0.47 0.00	25.49 -0.39 0.00	26.67 -0.53 0.00	28.18 -0.71 0.00	31.03 -0.69 0.00	36.73 -0.80 0.00	39.52 -0.72 0.00	38.70 -0.39 0.00	37.87 -0.34 0.00	37.86 -0.44 0.00	33.90 -0.45 0.00	28.78 -0.54 0.00	25.16 -0.46 0.00
SHOEMAKER___GT 23640	29.28 1.16 0.00	33.44 1.13 0.00	25.58 0.86 0.00	25.67 0.84 0.00	26.56 0.81 0.00	34.04 1.02 0.00	107.50 3.45 0.00	45.65 1.61 0.00	47.47 1.59 0.00	39.48 1.37 0.00	32.23 1.08 0.00	28.82 0.90 0.00	26.76 0.87 0.00	28.19 0.99 0.00	30.05 1.15 0.00	32.96 1.24 0.00	38.97 1.45 0.00	41.76 1.52 0.00	40.56 1.47 0.00	39.55 1.35 0.00	39.64 1.34 0.00	35.45 1.09 0.00	30.21 0.88 0.00	26.35 0.73 0.00
SHOEMAKR_138KV_BK 111 55601	29.26 1.14 0.00	33.42 1.12 0.00	25.56 0.84 0.00	25.66 0.83 0.00	26.55 0.79 0.00	34.02 1.00 0.00	107.44 3.40 0.00	45.63 1.60 0.00	47.45 1.56 0.00	39.47 1.36 0.00	32.23 1.08 0.00	28.83 0.91 0.00	26.76 0.88 0.00	28.21 1.01 0.00	30.06 1.17 0.00	32.97 1.25 0.00	38.97 1.45 0.00	41.75 1.51 0.00	40.54 1.45 0.00	39.52 1.32 0.00	39.61 1.31 0.00	35.43 1.07 0.00	30.19 0.87 0.00	26.33 0.72 0.00
SHOREHAM_IC_1 23715	30.21 2.09 0.00	34.32 2.01 0.00	26.21 1.49 0.00	26.26 1.43 0.00	27.07 1.32 0.00	34.28 1.26 0.00	108.41 4.37 0.00	44.42 1.17 0.78	34.74 1.39 12.54	39.79 1.68 0.00	32.87 1.71 0.00	29.58 1.66 0.00	27.21 1.33 0.00	28.66 1.46 0.00	30.67 1.78 0.00	33.49 1.78 0.00	39.04 1.84 0.33	42.08 1.85 0.00	39.36 1.62 1.35	39.72 1.51 0.00	39.87 1.57 0.00	29.81 1.20 5.75	30.53 1.20 0.00	26.83 1.22 0.00
SHOREHAM_IC_2 23716	30.21 2.09 0.00	34.32 2.01 0.00	26.21 1.49 0.00	26.26 1.43 0.00	27.07 1.32 0.00	34.28 1.26 0.00	108.41 4.37 0.00	44.42 1.17 0.78	34.74 1.39 12.54	39.79 1.68 0.00	32.87 1.71 0.00	29.58 1.66 0.00	27.21 1.33 0.00	28.66 1.46 0.00	30.67 1.78 0.00	33.49 1.78 0.00	39.04 1.84 0.33	42.08 1.85 0.00	39.36 1.62 1.35	39.72 1.51 0.00	39.87 1.57 0.00	29.81 1.20 5.75	30.53 1.20 0.00	26.83 1.22 0.00
SISSONVILLE____ 23735	28.78 0.67 0.00	33.36 1.06 0.00	25.57 0.85 0.00	25.67 0.84 0.00	26.71 0.96 0.00	34.26 1.24 0.00	162.87 4.16 -54.66	433.62 1.55 -388.03	242.32 1.80 -194.63	39.44 1.33 0.00	32.32 1.16 0.00	29.07 1.14 0.00	26.94 1.06 0.00	28.29 1.09 0.00	30.01 1.11 0.00	32.95 1.23 0.00	38.92 1.40 0.00	41.72 1.48 0.00	40.55 1.46 0.00	39.68 1.47 0.00	39.79 1.49 0.00	35.70 1.34 0.00	30.49 1.17 0.00	26.69 1.08 0.00
SITHE_IND_GS1 24169	27.09 -1.03 0.00	31.15 -1.15 0.00	23.83 -0.89 0.00	23.95 -0.88 0.00	24.85 -0.91 0.00	31.84 -1.17 0.00	100.23 -3.81 0.00	42.02 -1.65 0.36	43.36 -1.79 0.73	36.64 -1.48 0.00	29.95 -1.21 0.00	26.85 -1.07 0.00	24.89 -1.00 0.00	26.10 -1.10 0.00	27.69 -1.20 0.00	30.45 -1.26 0.00	36.09 -1.43 0.00	38.75 -1.48 0.00	37.70 -1.38 0.00	36.85 -1.36 0.00	36.89 -1.41 0.00	33.05 -1.30 0.00	28.15 -1.17 0.00	24.61 -1.01 0.00
SITHE_IND_GS2 24170	27.09 -1.03 0.00	31.15 -1.15 0.00	23.83 -0.89 0.00	23.95 -0.88 0.00	24.85 -0.91 0.00	31.84 -1.17 0.00	100.23 -3.81 0.00	42.02 -1.65 0.36	43.36 -1.79 0.73	36.64 -1.48 0.00	29.95 -1.21 0.00	26.85 -1.07 0.00	24.89 -1.00 0.00	26.10 -1.10 0.00	27.69 -1.20 0.00	30.45 -1.26 0.00	36.09 -1.43 0.00	38.75 -1.48 0.00	37.70 -1.38 0.00	36.85 -1.36 0.00	36.89 -1.41 0.00	33.05 -1.30 0.00	28.15 -1.17 0.00	24.61 -1.01 0.00
SITHE_IND_GS3 24171	27.09 -1.03 0.00	31.15 -1.15 0.00	23.83 -0.89 0.00	23.95 -0.88 0.00	24.85 -0.91 0.00	31.84 -1.17 0.00	100.23 -3.81 0.00	42.02 -1.65 0.36	43.36 -1.79 0.73	36.64 -1.48 0.00	29.95 -1.21 0.00	26.85 -1.07 0.00	24.89 -1.00 0.00	26.10 -1.10 0.00	27.69 -1.20 0.00	30.45 -1.26 0.00	36.09 -1.43 0.00	38.75 -1.48 0.00	37.70 -1.38 0.00	36.85 -1.36 0.00	36.89 -1.41 0.00	33.05 -1.30 0.00	28.15 -1.17 0.00	24.61 -1.01 0.00
SITHE_IND_GS4 24172	27.09 -1.03 0.00	31.15 -1.15 0.00	23.83 -0.89 0.00	23.95 -0.88 0.00	24.85 -0.91 0.00	31.84 -1.17 0.00	100.23 -3.81 0.00	42.02 -1.65 0.36	43.36 -1.79 0.73	36.64 -1.48 0.00	29.95 -1.21 0.00	26.85 -1.07 0.00	24.89 -1.00 0.00	26.10 -1.10 0.00	27.69 -1.20 0.00	30.45 -1.26 0.00	36.09 -1.43 0.00	38.75 -1.48 0.00	37.70 -1.38 0.00	36.85 -1.36 0.00	36.89 -1.41 0.00	33.05 -1.30 0.00	28.15 -1.17 0.00	24.61 -1.01 0.00

SITHE___BATAVIA 24024	27.21 -0.90 0.00	31.74 -0.57 0.00	24.23 -0.49 0.00	24.44 -0.39 0.00	25.32 -0.43 0.00	32.64 -0.38 0.00	102.62 -1.43 0.00	44.05 0.01 0.00	45.84 -0.05 0.00	37.93 -0.18 0.00	30.89 -0.27 0.00	27.83 -0.09 0.00	25.88 0.00 0.00	27.00 -0.19 0.00	28.58 -0.31 0.00	31.29 -0.43 0.00	36.65 -0.88 0.00	39.46 -0.77 0.00	38.73 -0.35 0.00	37.93 -0.28 0.00	37.76 -0.54 0.00	33.95 -0.41 0.00	28.62 -0.70 0.00	25.21 -0.41 0.00
SITHE___INDEPEND 23800	27.08 -1.03 0.00	31.15 -1.15 0.00	23.83 -0.89 0.00	23.95 -0.88 0.00	24.85 -0.91 0.00	31.84 -1.17 0.00	100.22 -3.81 0.00	42.02 -1.65 0.36	43.36 -1.79 0.73	36.64 -1.48 0.00	29.95 -1.21 0.00	26.85 -1.07 0.00	24.89 -0.99 0.00	26.10 -1.10 0.00	27.69 -1.20 0.00	30.45 -1.26 0.00	36.09 -1.44 0.00	38.75 -1.49 0.00	37.70 -1.38 0.00	36.85 -1.36 0.00	36.89 -1.41 0.00	33.06 -1.30 0.00	28.15 -1.17 0.00	24.61 -1.01 0.00
SITHE___MASSENA 23902	28.64 0.52 0.00	33.15 0.85 0.00	25.41 0.69 0.00	25.50 0.67 0.00	26.47 0.72 0.00	33.94 0.92 0.00	186.71 2.94 -79.73	568.71 1.04 -523.64	308.77 1.18 -261.71	39.01 0.90 0.00	31.95 0.80 0.00	28.76 0.83 0.00	26.68 0.80 0.00	28.05 0.85 0.00	29.78 0.89 0.00	32.68 0.96 0.00	38.55 1.02 0.00	41.21 0.97 0.00	39.98 0.89 0.00	39.12 0.91 0.00	39.26 0.96 0.00	35.25 0.90 0.00	30.14 0.82 0.00	26.38 0.77 0.00
SITHE___OGDNSBRG 24021	29.18 1.07 0.00	33.83 1.52 0.00	25.93 1.21 0.00	26.02 1.19 0.00	27.06 1.31 0.00	34.74 1.72 0.00	174.27 5.83 -64.40	486.99 2.25 -440.70	268.99 2.42 -220.69	39.93 1.82 0.00	32.66 1.50 0.00	29.33 1.40 0.00	27.15 1.27 0.00	28.45 1.25 0.00	30.19 1.30 0.00	33.20 1.48 0.00	39.28 1.75 0.00	42.13 1.89 0.00	41.09 2.01 0.00	40.24 2.04 0.00	40.34 2.04 0.00	36.18 1.82 0.00	30.87 1.55 0.00	27.00 1.39 0.00
SITHE___STERLING 23777	28.52 0.40 0.00	32.80 0.50 0.00	25.08 0.36 0.00	25.20 0.37 0.00	26.19 0.43 0.00	33.73 0.71 0.00	109.83 2.66 -3.12	67.48 1.27 -22.17	58.30 1.26 -11.16	39.12 1.01 0.00	31.91 0.75 0.00	28.51 0.58 0.00	26.31 0.42 0.00	27.60 0.40 0.00	29.23 0.34 0.00	32.07 0.35 0.00	38.30 0.78 0.00	41.31 1.07 0.00	40.31 1.22 0.00	39.42 1.21 0.00	39.42 1.12 0.00	35.24 0.89 0.00	29.98 0.65 0.00	26.16 0.54 0.00
SLEIGHT__34_KV_TB1 80719	27.03 -1.08 0.00	31.29 -1.01 0.00	23.90 -0.82 0.00	24.06 -0.77 0.00	24.95 -0.80 0.00	32.13 -0.89 0.00	101.32 -2.72 0.00	43.25 -0.79 0.00	44.99 -0.89 0.00	37.35 -0.76 0.00	30.56 -0.60 0.00	27.39 -0.54 0.00	25.44 -0.44 0.00	26.65 -0.55 0.00	28.16 -0.73 0.00	30.96 -0.76 0.00	36.56 -0.97 0.00	39.32 -0.92 0.00	38.35 -0.74 0.00	37.48 -0.73 0.00	37.39 -0.90 0.00	33.52 -0.83 0.00	28.36 -0.97 0.00	24.83 -0.78 0.00
SOUTH CAIRO___GT 23612	29.53 1.41 0.00	33.72 1.42 0.00	25.79 1.07 0.00	25.86 1.03 0.00	26.89 1.13 0.00	34.56 1.54 0.00	109.39 5.35 0.00	46.55 2.51 0.00	48.45 2.57 0.00	39.85 1.73 0.00	32.37 1.21 0.00	28.61 0.68 0.00	26.43 0.55 0.00	27.74 0.54 0.00	29.58 0.68 0.00	32.45 0.73 0.00	38.83 1.30 0.00	42.20 1.96 0.00	41.32 2.23 0.00	40.53 2.33 0.00	40.61 2.30 0.00	36.02 1.67 0.00	30.57 1.25 0.00	26.60 0.99 0.00
SOUTH HAMPTN___IC 23720	30.45 2.34 0.00	34.60 2.29 0.00	26.44 1.72 0.00	26.49 1.66 0.00	27.31 1.55 0.00	34.62 1.60 0.00	109.45 5.41 0.00	44.93 1.68 0.78	35.22 1.89 12.56	40.22 2.10 0.00	33.22 2.06 0.00	29.87 1.95 0.00	27.49 1.60 0.00	28.97 1.77 0.00	30.99 2.10 0.00	33.87 2.15 0.00	39.49 2.29 0.33	42.55 2.31 0.00	39.81 2.08 1.35	40.16 1.95 0.00	40.29 1.99 0.00	30.16 1.56 5.76	30.79 1.47 0.00	27.06 1.45 0.00
SOUTHDOW_115KV_TB1 355954	27.71 -0.40 0.00	32.42 0.12 0.00	24.82 0.09 0.00	25.09 0.25 0.00	25.99 0.24 0.00	33.58 0.56 0.00	105.79 1.75 0.00	45.67 1.63 0.00	47.38 1.49 0.00	39.46 1.34 0.00	32.20 1.04 0.00	28.99 1.06 0.00	27.11 1.23 0.00	28.36 1.16 0.00	29.76 0.87 0.00	32.66 0.94 0.00	38.09 0.56 0.00	40.74 0.50 0.00	39.84 0.76 0.00	39.09 0.88 0.00	39.03 0.73 0.00	35.09 0.73 0.00	29.56 0.23 0.00	25.95 0.34 0.00
SOUTHOLD_69_KV_BK 2 55809	30.81 2.70 0.00	35.01 2.71 0.00	26.74 2.02 0.00	26.81 1.99 0.00	27.65 1.90 0.00	35.07 2.05 0.00	111.01 6.97 0.00	45.64 2.39 0.78	35.92 2.60 12.56	40.80 2.69 0.00	33.69 2.53 0.00	30.27 2.34 0.00	27.83 1.95 0.00	29.34 2.14 0.00	31.40 2.50 0.00	34.36 2.64 0.00	40.07 2.88 0.33	43.20 2.96 0.00	40.51 2.78 1.35	40.83 2.62 0.00	40.93 2.63 0.00	30.70 2.10 5.76	31.22 1.89 0.00	27.40 1.79 0.00
SOUTHOLD___IC 23719	30.81 2.70 0.00	35.01 2.70 0.00	26.74 2.02 0.00	26.81 1.98 0.00	27.65 1.90 0.00	35.06 2.04 0.00	111.01 6.97 0.00	45.63 2.37 0.78	35.91 2.58 12.56	40.81 2.70 0.00	33.69 2.54 0.00	30.27 2.35 0.00	27.83 1.95 0.00	29.34 2.14 0.00	31.40 2.50 0.00	34.36 2.64 0.00	40.07 2.88 0.33	43.20 2.96 0.00	40.50 2.77 1.35	40.83 2.62 0.00	40.93 2.63 0.00	30.69 2.09 5.76	31.22 1.89 0.00	27.41 1.79 0.00
SOUTH_FORK_WT_PWR 323839	30.86 2.75 0.00	35.07 2.77 0.00	26.80 2.08 0.00	26.87 2.04 0.00	27.71 1.96 0.00	35.14 2.12 0.00	111.24 7.20 0.00	45.73 2.47 0.78	36.02 2.69 12.56	40.89 2.77 0.00	33.78 2.62 0.00	30.33 2.40 0.00	27.89 2.01 0.00	29.40 2.20 0.00	31.46 2.57 0.00	34.44 2.72 0.00	40.17 2.98 0.33	43.30 3.06 0.00	40.61 2.87 1.35	40.93 2.72 0.00	41.01 2.71 0.00	30.77 2.17 5.76	31.28 1.95 0.00	27.46 1.85 0.00
SPIERFLS_115KV_TB 1 80737	29.43 1.32 0.00	33.62 1.32 0.00	25.75 1.03 0.00	25.84 1.01 0.00	26.86 1.10 0.00	34.48 1.46 0.00	108.64 4.60 0.00	46.29 2.25 0.00	48.09 2.21 0.00	39.62 1.50 0.00	32.34 1.18 0.00	28.88 0.95 0.00	26.63 0.75 0.00	28.01 0.81 0.00	29.86 0.97 0.00	32.53 0.81 0.00	38.55 1.03 0.00	41.56 1.32 0.00	40.28 1.19 0.00	39.48 1.28 0.00	39.66 1.36 0.00	35.27 0.91 0.00	30.20 0.88 0.00	26.33 0.71 0.00
ST LAWRENCE____ 23600	28.29 0.18 0.00	32.71 0.41 0.00	25.06 0.34 0.00	25.15 0.32 0.00	26.11 0.36 0.00	33.47 0.45 0.00	98.16 1.36 7.24	-5.64 0.46 50.14	21.40 0.63 25.11	38.55 0.44 0.00	31.59 0.43 0.00	28.40 0.47 0.00	26.31 0.43 0.00	27.67 0.47 0.00	29.38 0.48 0.00	32.21 0.49 0.00	38.00 0.48 0.00	40.64 0.40 0.00	39.38 0.29 0.00	38.52 0.31 0.00	38.68 0.38 0.00	34.74 0.39 0.00	29.70 0.38 0.00	26.01 0.39 0.00
STATE_CA_115KV_115_LB 55624	28.86 0.75 0.00	32.95 0.65 0.00	25.21 0.49 0.00	25.29 0.46 0.00	26.25 0.50 0.00	33.64 0.62 0.00	106.15 2.11 0.00	45.02 0.99 0.00	46.93 1.04 0.00	38.93 0.81 0.00	31.82 0.66 0.00	28.43 0.50 0.00	26.30 0.42 0.00	27.68 0.48 0.00	29.55 0.66 0.00	32.41 0.69 0.00	38.38 0.85 0.00	41.18 0.94 0.00	39.92 0.83 0.00	39.06 0.86 0.00	39.19 0.89 0.00	34.88 0.53 0.00	29.70 0.38 0.00	25.89 0.27 0.00

STATE_ST_34_KV_LOAD 55959	27.85 -0.27 0.00	32.05 -0.26 0.00	24.52 -0.20 0.00	24.65 -0.18 0.00	25.45 -0.30 0.00	32.66 -0.36 0.00	104.74 -0.51 -1.21	52.60 -0.10 -8.66	50.08 -0.27 -4.46	37.90 -0.21 0.00	30.78 -0.38 0.00	27.68 -0.24 0.00	25.65 -0.24 0.00	26.83 -0.37 0.00	28.45 -0.45 0.00	31.40 -0.32 0.00	37.27 -0.25 0.00	40.07 -0.17 0.00	39.13 0.04 0.00	38.24 0.03 0.00	38.09 -0.21 0.00	34.09 -0.27 0.00	29.10 -0.22 0.00	25.46 -0.16 0.00
STATION_5_MISC_HYD 23604	27.16 -0.96 0.00	31.53 -0.78 0.00	24.07 -0.66 0.00	24.25 -0.58 0.00	25.13 -0.62 0.00	32.33 -0.69 0.00	101.69 -2.35 0.00	43.43 -0.61 0.00	45.19 -0.70 0.00	37.50 -0.61 0.00	30.66 -0.50 0.00	27.52 -0.41 0.00	25.60 -0.28 0.00	26.82 -0.38 0.00	28.33 -0.57 0.00	31.15 -0.57 0.00	36.67 -0.85 0.00	39.34 -0.90 0.00	38.38 -0.71 0.00	37.53 -0.67 0.00	37.45 -0.85 0.00	33.60 -0.75 0.00	28.43 -0.89 0.00	24.92 -0.69 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.46 -0.65 0.00	31.75 -0.55 0.00	24.27 -0.46 0.00	24.42 -0.41 0.00	25.32 -0.44 0.00	32.58 -0.43 0.00	102.72 -1.33 0.00	43.91 -0.14 -0.01	45.67 -0.25 -0.03	37.90 -0.22 0.00	30.90 -0.26 0.00	27.70 -0.22 0.00	25.75 -0.13 0.00	26.95 -0.25 0.00	28.45 -0.44 0.00	31.33 -0.39 0.00	37.01 -0.52 0.00	39.81 -0.43 0.00	38.88 -0.20 0.00	38.04 -0.17 0.00	37.98 -0.32 0.00	34.03 -0.32 0.00	28.82 -0.51 0.00	25.22 -0.39 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.05 -1.07 0.00	31.36 -0.94 0.00	23.95 -0.77 0.00	24.13 -0.70 0.00	25.01 -0.75 0.00	32.17 -0.85 0.00	101.21 -2.83 0.00	43.21 -0.83 0.00	44.98 -0.91 0.00	37.33 -0.78 0.00	30.53 -0.63 0.00	27.39 -0.54 0.00	25.47 -0.41 0.00	26.68 -0.51 0.00	28.19 -0.70 0.00	30.99 -0.72 0.00	36.52 -1.01 0.00	39.19 -1.05 0.00	38.24 -0.85 0.00	37.39 -0.82 0.00	37.30 -1.00 0.00	33.47 -0.89 0.00	28.32 -1.00 0.00	24.82 -0.80 0.00
STA_56___34_KV_BUS2 355983	27.05 -1.07 0.00	31.36 -0.94 0.00	23.95 -0.77 0.00	24.13 -0.70 0.00	25.01 -0.75 0.00	32.17 -0.85 0.00	101.21 -2.83 0.00	43.21 -0.83 0.00	44.98 -0.91 0.00	37.33 -0.78 0.00	30.53 -0.63 0.00	27.39 -0.54 0.00	25.47 -0.41 0.00	26.68 -0.51 0.00	28.19 -0.70 0.00	30.99 -0.72 0.00	36.52 -1.01 0.00	39.19 -1.05 0.00	38.24 -0.85 0.00	37.39 -0.82 0.00	37.30 -1.00 0.00	33.47 -0.89 0.00	28.32 -1.00 0.00	24.82 -0.80 0.00
STA_67___115KV_BK2 355882	27.11 -1.01 0.00	31.46 -0.84 0.00	24.03 -0.69 0.00	24.21 -0.62 0.00	25.09 -0.66 0.00	32.28 -0.74 0.00	101.48 -2.56 0.00	43.33 -0.70 0.00	45.10 -0.79 0.00	37.42 -0.70 0.00	30.60 -0.56 0.00	27.46 -0.46 0.00	25.55 -0.34 0.00	26.76 -0.44 0.00	28.28 -0.61 0.00	31.08 -0.63 0.00	36.59 -0.94 0.00	39.24 -1.00 0.00	38.28 -0.81 0.00	37.45 -0.76 0.00	37.36 -0.94 0.00	33.53 -0.82 0.00	28.37 -0.95 0.00	24.88 -0.74 0.00
STA_7___115KV_9TRANS 80674	27.27 -0.85 0.00	31.63 -0.68 0.00	24.16 -0.56 0.00	24.34 -0.49 0.00	25.23 -0.53 0.00	32.46 -0.56 0.00	102.11 -1.93 0.00	43.63 -0.41 0.00	45.40 -0.49 0.00	37.66 -0.45 0.00	30.80 -0.36 0.00	27.64 -0.28 0.00	25.70 -0.18 0.00	26.93 -0.27 0.00	28.43 -0.46 0.00	31.27 -0.45 0.00	36.82 -0.70 0.00	39.54 -0.70 0.00	38.58 -0.51 0.00	37.74 -0.47 0.00	37.64 -0.66 0.00	33.77 -0.58 0.00	28.56 -0.76 0.00	25.03 -0.58 0.00
STA_82___115KV_TB1 80780	27.11 -1.00 0.00	31.46 -0.84 0.00	24.03 -0.69 0.00	24.22 -0.61 0.00	25.10 -0.66 0.00	32.28 -0.74 0.00	101.49 -2.55 0.00	43.35 -0.69 0.00	45.12 -0.77 0.00	37.43 -0.69 0.00	30.61 -0.55 0.00	27.47 -0.46 0.00	25.55 -0.33 0.00	26.76 -0.43 0.00	28.28 -0.61 0.00	31.08 -0.63 0.00	36.59 -0.93 0.00	39.26 -0.98 0.00	38.30 -0.78 0.00	37.45 -0.75 0.00	37.38 -0.92 0.00	33.55 -0.81 0.00	28.39 -0.94 0.00	24.89 -0.73 0.00
STEEL___WIND 323596	26.90 -1.22 0.00	31.45 -0.85 0.00	24.03 -0.69 0.00	24.25 -0.58 0.00	25.09 -0.66 0.00	32.33 -0.69 0.00	101.33 -2.71 0.00	43.50 -0.54 0.00	45.24 -0.65 0.00	37.67 -0.44 0.00	30.79 -0.37 0.00	27.71 -0.22 0.00	25.94 0.06 0.00	27.12 -0.08 0.00	28.52 -0.37 0.00	31.35 -0.37 0.00	36.57 -0.96 0.00	39.00 -1.24 0.00	38.07 -1.02 0.00	37.29 -0.91 0.00	37.20 -1.11 0.00	33.55 -0.81 0.00	28.27 -1.06 0.00	24.90 -0.72 0.00
STEPHTWN_115KV_BK_2 55603	28.99 0.87 0.00	33.06 0.76 0.00	25.28 0.56 0.00	25.38 0.55 0.00	26.37 0.62 0.00	33.76 0.74 0.00	106.74 2.70 0.00	45.29 1.25 0.00	47.14 1.25 0.00	39.05 0.94 0.00	31.89 0.73 0.00	28.44 0.51 0.00	26.34 0.46 0.00	27.69 0.49 0.00	29.58 0.68 0.00	32.54 0.82 0.00	38.59 1.07 0.00	41.42 1.19 0.00	40.16 1.07 0.00	39.43 1.22 0.00	39.50 1.19 0.00	35.08 0.73 0.00	29.85 0.52 0.00	26.00 0.38 0.00
STEUBEN_REC_LFGE 323667	27.14 -0.98 0.00	31.60 -0.71 0.00	24.13 -0.59 0.00	24.21 -0.62 0.00	24.95 -0.80 0.00	32.15 -0.87 0.00	102.16 -1.88 0.00	44.03 0.00 0.00	45.52 -0.36 0.00	37.84 -0.28 0.00	30.60 -0.55 0.00	27.67 -0.26 0.00	26.04 0.15 0.00	27.08 -0.12 0.00	28.37 -0.53 0.00	31.22 -0.50 0.00	36.88 -0.65 0.00	39.75 -0.49 0.00	38.99 -0.10 0.00	38.22 0.01 0.00	38.35 0.05 0.00	34.60 0.24 0.00	29.22 -0.11 0.00	25.67 0.06 0.00
STILLWATER___SOLAR 323814	29.50 1.38 0.00	33.70 1.40 0.00	25.80 1.07 0.00	25.89 1.06 0.00	26.88 1.12 0.00	34.49 1.47 0.00	108.69 4.65 0.00	46.19 2.15 0.00	48.07 2.18 0.00	39.73 1.62 0.00	32.45 1.29 0.00	28.95 1.03 0.00	26.70 0.82 0.00	28.07 0.87 0.00	29.94 1.04 0.00	32.80 1.08 0.00	38.94 1.41 0.00	41.91 1.67 0.00	40.66 1.58 0.00	39.82 1.61 0.00	39.98 1.68 0.00	35.60 1.24 0.00	30.35 1.03 0.00	26.46 0.85 0.00
STONY___BROOK 24151	30.11 1.99 0.00	34.23 1.92 0.00	26.14 1.42 0.00	26.18 1.36 0.00	26.99 1.23 0.00	34.25 1.23 0.00	108.01 3.97 0.00	44.48 1.22 0.78	34.61 1.24 12.51	39.75 1.64 0.00	32.88 1.73 0.00	29.62 1.69 0.00	27.29 1.41 0.00	28.74 1.55 0.00	30.68 1.78 0.00	33.47 1.75 0.00	38.97 1.78 0.33	41.98 1.74 0.00	39.17 1.43 1.35	39.52 1.31 0.00	39.74 1.44 0.00	29.69 1.07 5.73	30.43 1.11 0.00	26.76 1.14 0.00
STURGEON_POOL_HYD 23609	29.46 1.35 0.00	33.59 1.29 0.00	25.69 0.97 0.00	25.79 0.96 0.00	26.65 0.90 0.00	34.14 1.12 0.00	107.86 3.82 0.00	45.80 1.77 0.00	47.68 1.79 0.00	39.75 1.64 0.00	32.54 1.38 0.00	29.11 1.18 0.00	27.01 1.13 0.00	28.50 1.30 0.00	30.40 1.50 0.00	33.36 1.64 0.00	39.39 1.86 0.00	42.09 1.85 0.00	40.79 1.70 0.00	39.77 1.56 0.00	39.84 1.54 0.00	35.61 1.25 0.00	30.34 1.01 0.00	26.45 0.84 0.00
ST_LAW_115_BK7_LBMP 345037	28.32 0.20 0.00	32.74 0.44 0.00	25.09 0.37 0.00	25.18 0.35 0.00	26.15 0.40 0.00	33.51 0.49 0.00	95.98 1.54 9.60	-18.35 0.51 62.89	15.13 0.68 31.43	38.59 0.48 0.00	31.62 0.46 0.00	28.43 0.50 0.00	26.34 0.46 0.00	27.71 0.51 0.00	29.42 0.52 0.00	32.27 0.55 0.00	38.05 0.52 0.00	40.68 0.45 0.00	39.43 0.34 0.00	38.56 0.36 0.00	38.73 0.43 0.00	34.79 0.43 0.00	29.75 0.42 0.00	26.04 0.43 0.00

ST_LAW_115_BK8_LBMP 345038	28.32 0.20 0.00	32.74 0.44 0.00	25.09 0.37 0.00	25.18 0.35 0.00	26.15 0.40 0.00	33.51 0.49 0.00	95.98 1.54 9.60	-18.35 0.51 62.89	15.13 0.68 31.43	38.59 0.48 0.00	31.62 0.46 0.00	28.43 0.50 0.00	26.34 0.46 0.00	27.71 0.51 0.00	29.42 0.52 0.00	32.27 0.55 0.00	38.05 0.52 0.00	40.68 0.45 0.00	39.43 0.34 0.00	38.56 0.36 0.00	38.73 0.43 0.00	34.79 0.43 0.00	29.75 0.42 0.00	26.04 0.43 0.00
ST_LAW_230_BK5_LBMP 345035	28.29 0.18 0.00	32.71 0.41 0.00	25.06 0.34 0.00	25.15 0.32 0.00	26.11 0.36 0.00	33.47 0.45 0.00	98.91 1.36 6.49	-1.57 0.46 46.07	23.41 0.63 23.10	38.55 0.44 0.00	31.59 0.43 0.00	28.40 0.47 0.00	26.31 0.43 0.00	27.67 0.47 0.00	29.38 0.48 0.00	32.21 0.49 0.00	38.00 0.48 0.00	40.64 0.40 0.00	39.38 0.29 0.00	38.52 0.31 0.00	38.68 0.38 0.00	34.74 0.39 0.00	29.70 0.38 0.00	26.01 0.39 0.00
ST_LAW_230_BK6_LBMP 345036	28.29 0.18 0.00	32.71 0.41 0.00	25.06 0.34 0.00	25.15 0.32 0.00	26.11 0.36 0.00	33.47 0.45 0.00	98.91 1.36 6.49	-1.57 0.46 46.07	23.41 0.63 23.10	38.55 0.44 0.00	31.59 0.43 0.00	28.40 0.47 0.00	26.31 0.43 0.00	27.67 0.47 0.00	29.38 0.48 0.00	32.21 0.49 0.00	38.00 0.48 0.00	40.64 0.40 0.00	39.38 0.29 0.00	38.52 0.31 0.00	38.68 0.38 0.00	34.74 0.39 0.00	29.70 0.38 0.00	26.01 0.39 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.34 1.23 0.00	33.49 1.19 0.00	25.62 0.90 0.00	25.72 0.89 0.00	26.60 0.84 0.00	34.08 1.06 0.00	107.65 3.61 0.00	45.72 1.69 0.00	47.53 1.64 0.00	39.59 1.47 0.00	32.37 1.21 0.00	28.94 1.02 0.00	26.88 0.99 0.00	28.33 1.13 0.00	30.21 1.32 0.00	33.13 1.42 0.00	39.16 1.64 0.00	41.91 1.67 0.00	40.66 1.57 0.00	39.60 1.40 0.00	39.68 1.38 0.00	35.49 1.13 0.00	30.24 0.92 0.00	26.37 0.76 0.00
SWANROAD_115KV_TB1 355699	26.00 -2.12 0.00	30.46 -1.84 0.00	23.27 -1.45 0.00	23.50 -1.33 0.00	24.31 -1.45 0.00	31.28 -1.74 0.00	97.67 -6.37 0.00	41.82 -2.22 0.00	43.54 -2.35 0.00	36.28 -1.84 0.00	29.77 -1.39 0.00	26.76 -1.17 0.00	25.02 -0.86 0.00	26.15 -1.05 0.00	27.54 -1.36 0.00	30.24 -1.48 0.00	35.19 -2.34 0.00	37.47 -2.77 0.00	36.58 -2.50 0.00	35.81 -2.39 0.00	35.68 -2.62 0.00	32.23 -2.13 0.00	27.18 -2.14 0.00	24.12 -1.49 0.00
SYNERGY___BIOGAS 323694	27.21 -0.90 0.00	31.74 -0.57 0.00	24.23 -0.49 0.00	24.44 -0.39 0.00	25.32 -0.43 0.00	32.64 -0.38 0.00	102.62 -1.43 0.00	44.05 0.01 0.00	45.84 -0.05 0.00	37.93 -0.18 0.00	30.89 -0.27 0.00	27.83 -0.09 0.00	25.88 0.00 0.00	27.00 -0.19 0.00	28.58 -0.31 0.00	31.29 -0.43 0.00	36.65 -0.88 0.00	39.46 -0.77 0.00	38.73 -0.35 0.00	37.93 -0.28 0.00	37.76 -0.54 0.00	33.95 -0.41 0.00	28.62 -0.70 0.00	25.21 -0.41 0.00
SYRACUSE___ENERGY_ST1 323597	27.65 -0.47 0.00	31.79 -0.51 0.00	24.32 -0.41 0.00	24.43 -0.40 0.00	25.34 -0.41 0.00	32.52 -0.49 0.00	103.97 -1.45 -1.38	53.33 -0.57 -9.86	50.27 -0.69 -5.07	37.56 -0.55 0.00	30.65 -0.51 0.00	27.47 -0.46 0.00	25.45 -0.44 0.00	26.66 -0.54 0.00	28.27 -0.63 0.00	31.14 -0.58 0.00	37.02 -0.50 0.00	39.78 -0.45 0.00	38.76 -0.33 0.00	37.86 -0.35 0.00	37.86 -0.44 0.00	33.90 -0.45 0.00	28.87 -0.45 0.00	25.23 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	27.65 -0.47 0.00	31.79 -0.51 0.00	24.32 -0.41 0.00	24.43 -0.40 0.00	25.34 -0.41 0.00	32.52 -0.49 0.00	103.97 -1.45 -1.38	53.33 -0.57 -9.86	50.27 -0.69 -5.07	37.56 -0.55 0.00	30.65 -0.51 0.00	27.47 -0.46 0.00	25.45 -0.44 0.00	26.66 -0.54 0.00	28.27 -0.63 0.00	31.14 -0.58 0.00	37.02 -0.50 0.00	39.78 -0.45 0.00	38.76 -0.33 0.00	37.86 -0.35 0.00	37.86 -0.44 0.00	33.90 -0.45 0.00	28.87 -0.45 0.00	25.23 -0.39 0.00
SYRACUSE___POWER 24017	27.62 -0.49 0.00	31.76 -0.54 0.00	24.28 -0.44 0.00	24.40 -0.42 0.00	25.34 -0.42 0.00	32.52 -0.50 0.00	103.98 -1.49 -1.44	53.71 -0.59 -10.26	50.43 -0.69 -5.23	37.56 -0.55 0.00	30.67 -0.49 0.00	27.48 -0.45 0.00	25.45 -0.43 0.00	26.67 -0.53 0.00	28.26 -0.63 0.00	31.14 -0.58 0.00	37.06 -0.46 0.00	39.80 -0.44 0.00	38.77 -0.31 0.00	37.89 -0.32 0.00	37.93 -0.38 0.00	33.95 -0.40 0.00	28.88 -0.45 0.00	25.23 -0.39 0.00
TALLMAN___138KV_BK151 55660	29.36 1.24 0.00	33.51 1.20 0.00	25.63 0.91 0.00	25.74 0.91 0.00	26.60 0.85 0.00	34.07 1.06 0.00	107.65 3.61 0.00	45.73 1.69 0.00	47.51 1.62 0.00	39.61 1.49 0.00	32.41 1.25 0.00	28.97 1.04 0.00	26.92 1.03 0.00	28.38 1.18 0.00	30.28 1.39 0.00	33.20 1.48 0.00	39.25 1.72 0.00	41.94 1.70 0.00	40.67 1.59 0.00	39.58 1.37 0.00	39.65 1.35 0.00	35.50 1.14 0.00	30.26 0.94 0.00	26.39 0.78 0.00
TEALLAVE_115KV_TB7 355573	27.51 -0.61 0.00	31.63 -0.67 0.00	24.18 -0.54 0.00	24.30 -0.52 0.00	25.23 -0.53 0.00	32.38 -0.64 0.00	103.67 -1.98 -1.61	54.73 -0.79 -11.48	50.82 -0.90 -5.83	37.39 -0.73 0.00	30.54 -0.61 0.00	27.37 -0.56 0.00	25.35 -0.53 0.00	26.58 -0.62 0.00	28.18 -0.72 0.00	31.02 -0.70 0.00	36.88 -0.65 0.00	39.58 -0.66 0.00	38.52 -0.57 0.00	37.63 -0.58 0.00	37.67 -0.63 0.00	33.73 -0.63 0.00	28.70 -0.63 0.00	25.07 -0.55 0.00
TELGRAPH_34_KV_EAST 80808	26.69 -1.43 0.00	31.19 -1.11 0.00	23.82 -0.90 0.00	24.04 -0.78 0.00	24.89 -0.86 0.00	32.05 -0.97 0.00	100.42 -3.62 0.00	43.07 -0.96 0.00	44.83 -1.06 0.00	37.27 -0.85 0.00	30.51 -0.66 0.00	27.41 -0.52 0.00	25.57 -0.31 0.00	26.74 -0.46 0.00	28.18 -0.71 0.00	30.95 -0.77 0.00	36.11 -1.41 0.00	38.64 -1.60 0.00	37.78 -1.31 0.00	36.99 -1.22 0.00	36.83 -1.48 0.00	33.19 -1.17 0.00	27.99 -1.34 0.00	24.72 -0.89 0.00
TEMPLE___115KV_TB 2 55572	27.51 -0.61 0.00	31.64 -0.67 0.00	24.19 -0.53 0.00	24.31 -0.52 0.00	25.23 -0.52 0.00	32.38 -0.64 0.00	103.64 -1.97 -1.57	54.47 -0.78 -11.22	50.70 -0.89 -5.70	37.39 -0.72 0.00	30.55 -0.61 0.00	27.38 -0.55 0.00	25.36 -0.52 0.00	26.59 -0.61 0.00	28.18 -0.71 0.00	31.04 -0.68 0.00	36.90 -0.62 0.00	39.59 -0.65 0.00	38.53 -0.56 0.00	37.65 -0.56 0.00	37.67 -0.63 0.00	33.75 -0.61 0.00	28.71 -0.62 0.00	25.07 -0.54 0.00
TIANA____69_KV_BK 1 55817	30.37 2.26 0.00	34.50 2.20 0.00	26.36 1.64 0.00	26.41 1.58 0.00	27.23 1.48 0.00	34.51 1.49 0.00	109.13 5.09 0.00	44.80 1.55 0.78	35.07 1.74 12.56	40.09 1.97 0.00	33.11 1.96 0.00	29.79 1.86 0.00	27.40 1.52 0.00	28.87 1.68 0.00	30.88 1.99 0.00	33.75 2.03 0.00	39.35 2.15 0.33	42.40 2.17 0.00	39.68 1.95 1.35	40.03 1.82 0.00	40.15 1.85 0.00	30.05 1.45 5.76	30.70 1.38 0.00	26.98 1.37 0.00
TILDEN___115KV_TB1 80814	27.62 -0.49 0.00	31.76 -0.54 0.00	24.28 -0.44 0.00	24.40 -0.42 0.00	25.34 -0.42 0.00	32.52 -0.50 0.00	103.98 -1.49 -1.44	53.71 -0.59 -10.26	50.43 -0.69 -5.23	37.56 -0.55 0.00	30.67 -0.49 0.00	27.48 -0.45 0.00	25.45 -0.43 0.00	26.67 -0.53 0.00	28.26 -0.63 0.00	31.14 -0.58 0.00	37.06 -0.46 0.00	39.80 -0.44 0.00	38.77 -0.31 0.00	37.89 -0.32 0.00	37.93 -0.38 0.00	33.95 -0.40 0.00	28.88 -0.45 0.00	25.23 -0.39 0.00

TRIGEN___CC 323695	29.81 1.70 0.00	33.92 1.61 0.00	25.90 1.17 0.00	25.97 1.14 0.00	26.81 1.06 0.00	34.21 1.20 0.00	107.89 3.85 0.00	45.59 1.55 0.00	44.25 1.62 3.25	39.79 1.68 0.00	32.77 1.61 0.00	29.42 1.49 0.00	27.24 1.36 0.00	28.72 1.52 0.00	30.64 1.75 0.00	33.51 1.79 0.00	39.33 1.89 0.09	42.06 1.82 0.00	40.57 1.59 0.10	39.64 1.43 0.00	39.77 1.47 0.00	33.98 1.16 1.53	30.41 1.08 0.00	26.62 1.01 0.00
TRINITY___115KV___4 BK 55933	28.78 0.66 0.00	32.84 0.54 0.00	25.14 0.41 0.00	25.20 0.38 0.00	26.17 0.41 0.00	33.52 0.50 0.00	105.73 1.69 0.00	44.83 0.80 0.00	46.75 0.86 0.00	38.78 0.66 0.00	31.69 0.54 0.00	28.30 0.37 0.00	26.18 0.30 0.00	27.57 0.37 0.00	29.45 0.55 0.00	32.28 0.56 0.00	38.19 0.67 0.00	40.98 0.74 0.00	39.73 0.64 0.00	38.90 0.69 0.00	39.03 0.73 0.00	34.74 0.39 0.00	29.59 0.27 0.00	25.80 0.19 0.00
UNION___PROCESSING_DRP 323587	27.12 -0.99 0.00	31.47 -0.84 0.00	24.04 -0.68 0.00	24.22 -0.61 0.00	25.10 -0.65 0.00	32.28 -0.73 0.00	101.52 -2.52 0.00	43.36 -0.67 0.00	45.14 -0.75 0.00	37.44 -0.67 0.00	30.61 -0.55 0.00	27.47 -0.46 0.00	25.55 -0.33 0.00	26.77 -0.43 0.00	28.28 -0.61 0.00	31.09 -0.62 0.00	36.60 -0.93 0.00	39.27 -0.97 0.00	38.31 -0.77 0.00	37.47 -0.74 0.00	37.39 -0.91 0.00	33.56 -0.79 0.00	28.40 -0.93 0.00	24.90 -0.72 0.00
UPPER HUDSON___HYD 24058	29.44 1.32 0.00	33.62 1.32 0.00	25.75 1.03 0.00	25.84 1.01 0.00	26.85 1.10 0.00	34.48 1.46 0.00	108.64 4.60 0.00	46.28 2.24 0.00	48.09 2.21 0.00	39.62 1.51 0.00	32.34 1.18 0.00	28.88 0.95 0.00	26.63 0.75 0.00	28.00 0.81 0.00	29.86 0.97 0.00	32.53 0.81 0.00	38.55 1.02 0.00	41.56 1.32 0.00	40.28 1.19 0.00	39.48 1.28 0.00	39.66 1.36 0.00	35.27 0.91 0.00	30.20 0.88 0.00	26.33 0.71 0.00
UPPER RAQUET___HYD 24056	28.78 0.67 0.00	33.36 1.06 0.00	25.57 0.85 0.00	25.67 0.84 0.00	26.71 0.96 0.00	34.26 1.24 0.00	162.87 4.16 -54.66	433.63 1.56 -388.03	242.32 1.80 -194.63	39.44 1.33 0.00	32.32 1.16 0.00	29.07 1.14 0.00	26.94 1.06 0.00	28.29 1.09 0.00	30.00 1.11 0.00	32.95 1.23 0.00	38.92 1.40 0.00	41.72 1.48 0.00	40.55 1.47 0.00	39.67 1.47 0.00	39.79 1.49 0.00	35.70 1.34 0.00	30.49 1.17 0.00	26.69 1.08 0.00
VALLEY44_115KV_TB2 355964	27.65 -0.47 0.00	32.22 -0.08 0.00	24.60 -0.12 0.00	24.86 0.03 0.00	25.72 -0.04 0.00	33.10 0.08 0.00	103.91 -0.13 0.00	44.88 0.84 0.00	46.55 0.66 0.00	38.63 0.52 0.00	31.38 0.21 0.00	28.19 0.26 0.00	26.46 0.58 0.00	27.71 0.51 0.00	29.11 0.22 0.00	31.99 0.27 0.00	37.35 -0.17 0.00	39.94 -0.29 0.00	39.01 -0.07 0.00	38.18 -0.03 0.00	38.16 -0.15 0.00	34.30 -0.06 0.00	28.98 -0.35 0.00	25.35 -0.26 0.00
VALLEY___115KV_TB 1-4 80826	28.27 0.15 0.00	32.13 -0.18 0.00	24.64 -0.08 0.00	24.72 -0.10 0.00	25.73 -0.03 0.00	33.10 0.08 0.00	105.42 0.27 -1.11	52.15 0.23 -7.88	49.82 -0.02 -3.95	37.85 -0.27 0.00	31.01 -0.15 0.00	27.66 -0.27 0.00	25.47 -0.41 0.00	26.75 -0.45 0.00	28.46 -0.43 0.00	31.21 -0.50 0.00	37.17 -0.36 0.00	40.24 0.00 0.00	39.24 0.15 0.00	38.36 0.15 0.00	38.57 0.27 0.00	34.42 0.06 0.00	29.26 -0.06 0.00	25.55 -0.06 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.19 1.07 0.00	33.44 1.14 0.00	25.59 0.86 0.00	25.70 0.87 0.00	26.65 0.89 0.00	34.22 1.20 0.00	108.10 4.06 0.00	45.93 1.89 0.00	47.73 1.85 0.00	39.75 1.64 0.00	32.54 1.38 0.00	29.20 1.28 0.00	26.99 1.10 0.00	28.44 1.24 0.00	30.15 1.26 0.00	33.08 1.36 0.00	39.04 1.52 0.00	41.98 1.73 0.00	40.83 1.75 0.00	39.72 1.51 0.00	39.85 1.55 0.00	35.71 1.36 0.00	30.36 1.04 0.00	26.49 0.87 0.00
VISCHER___FERRY HYD 24020	29.22 1.11 0.00	33.36 1.05 0.00	25.53 0.81 0.00	25.62 0.79 0.00	26.59 0.84 0.00	34.07 1.05 0.00	107.26 3.22 0.00	45.54 1.50 0.00	47.50 1.61 0.00	39.33 1.22 0.00	32.11 0.95 0.00	28.67 0.74 0.00	26.49 0.61 0.00	27.89 0.69 0.00	29.78 0.89 0.00	32.65 0.93 0.00	38.61 1.08 0.00	41.45 1.21 0.00	40.20 1.11 0.00	39.38 1.17 0.00	39.59 1.29 0.00	35.25 0.89 0.00	30.04 0.72 0.00	26.20 0.59 0.00
V_A_10_SYNC_DSASP 323832	26.57 -1.54 0.00	31.00 -1.30 0.00	23.68 -1.04 0.00	23.90 -0.93 0.00	24.74 -1.01 0.00	31.82 -1.20 0.00	99.62 -4.42 0.00	42.62 -1.41 0.00	44.38 -1.51 0.00	36.90 -1.22 0.00	30.19 -0.97 0.00	27.13 -0.80 0.00	25.34 -0.55 0.00	26.52 -0.68 0.00	27.98 -0.91 0.00	30.75 -0.96 0.00	35.98 -1.55 0.00	38.39 -1.85 0.00	37.42 -1.67 0.00	36.61 -1.60 0.00	36.50 -1.80 0.00	32.86 -1.49 0.00	27.78 -1.55 0.00	24.44 -1.17 0.00
V_CMM_10_SYNC_DSASP 323787	28.46 0.34 0.00	32.92 0.61 0.00	25.23 0.51 0.00	25.31 0.48 0.00	26.28 0.53 0.00	33.69 0.67 0.00	96.52 2.08 9.60	-18.11 0.75 62.89	15.41 0.95 31.43	38.80 0.68 0.00	31.77 0.61 0.00	28.58 0.65 0.00	26.49 0.61 0.00	27.86 0.66 0.00	29.58 0.68 0.00	32.43 0.71 0.00	38.26 0.73 0.00	40.89 0.65 0.00	39.64 0.55 0.00	38.77 0.57 0.00	38.93 0.63 0.00	34.97 0.61 0.00	29.89 0.57 0.00	26.17 0.56 0.00
V_CMP_10_SYNC_DSASP 323788	28.96 0.85 0.00	33.59 1.28 0.00	25.83 1.11 0.00	25.80 0.97 0.00	26.96 1.21 0.00	34.66 1.64 0.00	111.26 5.14 -2.08	258.94 2.67 -212.23	159.51 2.91 -110.71	39.59 1.48 0.00	32.83 1.67 0.00	29.51 1.58 0.00	27.05 1.16 0.00	28.50 1.30 0.00	30.25 1.36 0.00	33.11 1.39 0.00	39.03 1.50 0.00	41.65 1.42 0.00	40.08 0.99 0.00	39.04 0.84 0.00	39.71 1.41 0.00	35.71 1.36 0.00	30.71 1.39 0.00	27.04 1.43 0.00
V_D_10_SYNC_DSASP 323841	28.63 0.52 0.00	33.15 0.85 0.00	25.41 0.68 0.00	25.49 0.66 0.00	26.47 0.72 0.00	33.94 0.92 0.00	187.05 2.91 -80.09	570.68 1.04 -525.61	309.74 1.17 -262.68	39.01 0.89 0.00	31.95 0.79 0.00	28.75 0.83 0.00	26.68 0.79 0.00	28.05 0.85 0.00	29.78 0.88 0.00	32.68 0.96 0.00	38.53 1.01 0.00	41.21 0.97 0.00	39.97 0.89 0.00	39.10 0.89 0.00	39.25 0.94 0.00	35.24 0.89 0.00	30.13 0.80 0.00	26.38 0.76 0.00
V_E_10_SYNC_DSASP 323830	29.15 1.04 0.00	33.45 1.14 0.00	25.53 0.81 0.00	25.70 0.87 0.00	26.86 1.10 0.00	34.63 1.61 0.00	109.71 5.67 0.00	47.11 3.05 -0.02	49.03 3.11 -0.04	40.37 2.26 0.00	32.95 1.79 0.00	29.27 1.34 0.00	27.09 1.21 0.00	28.34 1.14 0.00	29.81 0.91 0.00	32.58 0.86 0.00	39.11 1.59 0.00	42.50 2.27 0.00	41.74 2.65 0.00	41.28 3.07 0.00	41.29 2.99 0.00	36.86 2.50 0.00	31.15 1.83 0.00	27.17 1.55 0.00
V_F_30_NSYNC___DSASP 323816	29.53 1.41 0.00	33.75 1.44 0.00	25.83 1.11 0.00	25.92 1.09 0.00	26.91 1.15 0.00	34.52 1.50 0.00	108.86 4.82 0.00	46.24 2.20 0.00	48.13 2.25 0.00	39.78 1.67 0.00	32.49 1.33 0.00	29.01 1.08 0.00	26.76 0.88 0.00	28.14 0.94 0.00	30.01 1.12 0.00	32.87 1.15 0.00	39.01 1.49 0.00	41.98 1.74 0.00	40.72 1.64 0.00	39.87 1.66 0.00	40.03 1.72 0.00	35.64 1.28 0.00	30.39 1.07 0.00	26.49 0.88 0.00

V_F_30_SYNC_DSASP 323786	28.86 0.75 0.00	32.95 0.64 0.00	25.21 0.49 0.00	25.28 0.46 0.00	26.25 0.49 0.00	33.64 0.62 0.00	106.15 2.11 0.00	45.02 0.98 0.00	46.92 1.03 0.00	38.93 0.81 0.00	31.82 0.66 0.00	28.42 0.50 0.00	26.30 0.41 0.00	27.68 0.48 0.00	29.55 0.65 0.00	32.41 0.69 0.00	38.37 0.84 0.00	41.18 0.94 0.00	39.90 0.82 0.00	39.06 0.86 0.00	39.19 0.89 0.00	34.88 0.52 0.00	29.70 0.38 0.00	25.89 0.27 0.00
V_XM_10_SYNC_DSASP 323789	28.96 0.85 0.00	33.59 1.28 0.00	25.83 1.11 0.00	25.80 0.97 0.00	26.96 1.21 0.00	34.66 1.64 0.00	111.26 5.14 -2.08	258.94 2.67 -212.23	159.51 2.91 -110.71	39.59 1.48 0.00	32.83 1.67 0.00	29.51 1.58 0.00	27.05 1.16 0.00	28.50 1.30 0.00	30.25 1.36 0.00	33.11 1.39 0.00	39.03 1.50 0.00	41.65 1.42 0.00	40.08 0.99 0.00	39.04 0.84 0.00	39.71 1.41 0.00	35.71 1.36 0.00	30.71 1.39 0.00	27.04 1.43 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.44 1.32 0.00	33.60 1.30 0.00	25.70 0.98 0.00	25.81 0.98 0.00	26.67 0.92 0.00	34.17 1.16 0.00	108.01 3.97 0.00	45.88 1.85 0.00	47.67 1.78 0.00	39.74 1.62 0.00	32.51 1.35 0.00	29.06 1.14 0.00	27.00 1.12 0.00	28.47 1.27 0.00	30.37 1.48 0.00	33.31 1.59 0.00	39.38 1.86 0.00	42.10 1.86 0.00	40.82 1.73 0.00	39.72 1.52 0.00	39.80 1.50 0.00	35.62 1.26 0.00	30.36 1.03 0.00	26.47 0.86 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.71 1.60 0.00	33.86 1.55 0.00	25.90 1.18 0.00	25.98 1.15 0.00	26.84 1.09 0.00	34.34 1.32 0.00	108.49 4.45 0.00	46.12 2.08 0.00	48.04 2.15 0.00	40.15 2.04 0.00	32.90 1.74 0.00	29.46 1.54 0.00	27.35 1.47 0.00	28.84 1.65 0.00	30.77 1.88 0.00	33.71 1.99 0.00	39.78 2.25 0.00	42.41 2.17 0.00	41.04 1.96 0.00	39.96 1.75 0.00	40.06 1.76 0.00	35.85 1.49 0.00	30.54 1.22 0.00	26.65 1.03 0.00
W50THST__13_KV_LOAD 356117	29.84 1.73 0.00	33.99 1.69 0.00	26.01 1.29 0.00	26.08 1.26 0.00	26.96 1.20 0.00	34.50 1.48 0.00	109.05 5.01 0.00	46.45 2.41 0.00	48.40 2.51 0.00	40.47 2.36 0.00	33.17 2.01 0.00	29.70 1.78 0.00	27.58 1.70 0.00	29.09 1.89 0.00	31.03 2.14 0.00	34.00 2.28 0.00	40.11 2.59 0.00	42.75 2.51 0.00	41.32 2.24 0.00	40.21 2.00 0.00	40.31 2.01 0.00	36.07 1.71 0.00	30.72 1.39 0.00	26.79 1.18 0.00
WADING RIVER_IC_1 23522	30.22 2.10 0.00	34.33 2.02 0.00	26.22 1.50 0.00	26.27 1.44 0.00	27.07 1.32 0.00	34.29 1.27 0.00	108.41 4.37 0.00	44.40 1.15 0.78	34.72 1.39 12.56	39.79 1.68 0.00	32.87 1.72 0.00	29.59 1.67 0.00	27.22 1.34 0.00	28.68 1.48 0.00	30.70 1.80 0.00	33.53 1.81 0.00	39.07 1.88 0.33	42.10 1.86 0.00	39.37 1.63 1.35	39.73 1.52 0.00	39.88 1.58 0.00	29.82 1.21 5.76	30.53 1.20 0.00	26.84 1.22 0.00
WADING RIVER_IC_2 23547	30.22 2.10 0.00	34.33 2.02 0.00	26.22 1.50 0.00	26.27 1.44 0.00	27.07 1.32 0.00	34.29 1.27 0.00	108.41 4.37 0.00	44.40 1.15 0.78	34.72 1.39 12.56	39.79 1.68 0.00	32.87 1.72 0.00	29.59 1.67 0.00	27.22 1.34 0.00	28.68 1.48 0.00	30.70 1.80 0.00	33.53 1.81 0.00	39.07 1.88 0.33	42.10 1.86 0.00	39.37 1.63 1.35	39.73 1.52 0.00	39.88 1.58 0.00	29.82 1.21 5.76	30.53 1.20 0.00	26.84 1.22 0.00
WADING RIVER_IC_3 23601	30.22 2.10 0.00	34.33 2.02 0.00	26.22 1.50 0.00	26.27 1.44 0.00	27.07 1.32 0.00	34.29 1.27 0.00	108.41 4.37 0.00	44.40 1.15 0.78	34.72 1.39 12.56	39.79 1.68 0.00	32.87 1.72 0.00	29.59 1.67 0.00	27.22 1.34 0.00	28.68 1.48 0.00	30.70 1.80 0.00	33.53 1.81 0.00	39.07 1.88 0.33	42.10 1.86 0.00	39.37 1.63 1.35	39.73 1.52 0.00	39.88 1.58 0.00	29.82 1.21 5.76	30.53 1.20 0.00	26.84 1.22 0.00
WALDENNY_12_KV_BK2 80841	26.89 -1.22 0.00	31.46 -0.85 0.00	24.03 -0.70 0.00	24.25 -0.58 0.00	25.09 -0.67 0.00	32.32 -0.70 0.00	101.32 -2.72 0.00	43.49 -0.55 0.00	45.23 -0.65 0.00	37.70 -0.41 0.00	30.83 -0.33 0.00	27.73 -0.19 0.00	25.96 0.08 0.00	27.13 -0.07 0.00	28.54 -0.35 0.00	31.37 -0.35 0.00	36.59 -0.94 0.00	39.02 -1.22 0.00	38.07 -1.01 0.00	37.29 -0.92 0.00	37.19 -1.11 0.00	33.51 -0.84 0.00	28.25 -1.07 0.00	24.91 -0.70 0.00
WALDEN__HYDRO 24148	29.54 1.42 0.00	33.71 1.40 0.00	25.78 1.05 0.00	25.87 1.04 0.00	26.76 1.00 0.00	34.29 1.27 0.00	108.37 4.33 0.00	46.05 2.02 0.00	47.88 1.99 0.00	39.85 1.74 0.00	32.56 1.41 0.00	29.11 1.18 0.00	27.02 1.14 0.00	28.48 1.28 0.00	30.38 1.49 0.00	33.34 1.61 0.00	39.43 1.90 0.00	42.23 1.99 0.00	40.97 1.89 0.00	39.94 1.74 0.00	39.99 1.69 0.00	35.70 1.35 0.00	30.41 1.09 0.00	26.52 0.90 0.00
WARRENSBURG____ 23737	29.44 1.32 0.00	33.62 1.32 0.00	25.75 1.03 0.00	25.84 1.01 0.00	26.85 1.10 0.00	34.48 1.46 0.00	108.64 4.60 0.00	46.28 2.24 0.00	48.09 2.21 0.00	39.62 1.51 0.00	32.34 1.18 0.00	28.88 0.95 0.00	26.63 0.75 0.00	28.00 0.81 0.00	29.86 0.97 0.00	32.53 0.81 0.00	38.55 1.02 0.00	41.56 1.32 0.00	40.28 1.19 0.00	39.48 1.28 0.00	39.66 1.36 0.00	35.27 0.91 0.00	30.20 0.88 0.00	26.33 0.71 0.00
WATERSIDE____6 8 9 23538	29.71 1.60 0.00	33.86 1.56 0.00	25.92 1.20 0.00	25.99 1.16 0.00	26.83 1.08 0.00	34.34 1.33 0.00	108.35 4.31 0.00	45.98 1.94 0.00	47.90 2.01 0.00	40.07 1.96 0.00	32.83 1.68 0.00	29.42 1.50 0.00	27.30 1.41 0.00	28.79 1.60 0.00	30.71 1.82 0.00	33.63 1.92 0.00	39.69 2.16 0.00	42.27 2.03 0.00	40.93 1.85 0.00	39.88 1.67 0.00	40.01 1.70 0.00	35.84 1.48 0.00	30.50 1.18 0.00	26.61 1.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.25 0.14 0.00	32.26 -0.05 0.00	24.69 -0.03 0.00	24.79 -0.04 0.00	25.74 -0.01 0.00	33.06 0.04 0.00	105.37 0.22 -1.11	52.11 0.19 -7.88	49.89 0.05 -3.95	37.97 -0.15 0.00	31.05 -0.11 0.00	27.73 -0.20 0.00	25.60 -0.28 0.00	26.90 -0.30 0.00	28.64 -0.25 0.00	31.45 -0.28 0.00	37.32 -0.20 0.00	40.27 0.03 0.00	39.21 0.12 0.00	38.35 0.14 0.00	38.50 0.20 0.00	34.39 0.04 0.00	29.29 -0.03 0.00	25.55 -0.06 0.00
WATSON____69_KV_BK 1 55734	30.35 2.23 0.00	34.47 2.17 0.00	26.32 1.60 0.00	26.38 1.55 0.00	27.19 1.43 0.00	34.54 1.53 0.00	108.96 4.92 0.00	44.89 1.59 0.74	35.55 1.78 12.11	40.10 1.99 0.00	33.18 2.02 0.00	29.85 1.93 0.00	27.50 1.62 0.00	28.97 1.77 0.00	30.90 2.00 0.00	33.74 2.02 0.00	39.30 2.10 0.32	42.33 2.09 0.00	39.65 1.85 1.29	39.96 1.76 0.00	40.11 1.80 0.00	30.17 1.38 5.56	30.67 1.35 0.00	26.96 1.35 0.00
WDELAWARE__HYD 323627	29.71 1.59 0.00	33.91 1.61 0.00	25.92 1.20 0.00	26.02 1.19 0.00	26.93 1.17 0.00	34.55 1.53 0.00	109.23 5.19 0.00	46.44 2.41 0.00	48.27 2.38 0.00	40.08 1.96 0.00	32.69 1.53 0.00	29.20 1.27 0.00	27.10 1.22 0.00	28.56 1.37 0.00	30.50 1.60 0.00	33.52 1.80 0.00	39.69 2.16 0.00	42.66 2.42 0.00	41.49 2.40 0.00	40.33 2.12 0.00	40.37 2.06 0.00	36.07 1.72 0.00	30.71 1.39 0.00	26.76 1.15 0.00

WEST BABYLON___IC 23714	30.27 2.15 0.00	34.38 2.08 0.00	26.26 1.54 0.00	26.31 1.48 0.00	27.12 1.37 0.00	34.50 1.48 0.00	108.85 4.81 0.00	45.03 1.65 0.66	36.55 1.81 11.15	40.08 1.97 0.00	33.12 1.96 0.00	29.80 1.87 0.00	27.46 1.58 0.00	28.94 1.74 0.00	30.86 1.96 0.00	33.71 2.00 0.00	39.31 2.08 0.30	42.29 2.05 0.00	39.77 1.84 1.16	39.94 1.73 0.00	40.09 1.79 0.00	30.59 1.36 5.13	30.65 1.33 0.00	26.92 1.30 0.00
WEST CANADA___HYD 24049	28.20 0.09 0.00	32.35 0.04 0.00	24.75 0.02 0.00	24.86 0.03 0.00	25.78 0.03 0.00	33.06 0.04 0.00	105.33 0.18 -1.11	52.00 0.08 -7.88	49.91 0.07 -3.95	38.18 0.06 0.00	31.20 0.04 0.00	27.94 0.02 0.00	25.88 0.00 0.00	27.21 0.01 0.00	28.92 0.03 0.00	31.73 0.02 0.00	37.54 0.02 0.00	40.30 0.06 0.00	39.14 0.06 0.00	38.28 0.07 0.00	38.36 0.07 0.00	34.36 0.00 0.00	29.32 0.00 0.00	25.60 -0.01 0.00
WESTERN_NY_WIND 24143	27.17 -0.94 0.00	31.70 -0.61 0.00	24.20 -0.52 0.00	24.42 -0.41 0.00	25.29 -0.46 0.00	32.61 -0.42 0.00	102.44 -1.61 0.00	43.99 -0.04 0.00	45.76 -0.13 0.00	37.89 -0.23 0.00	30.87 -0.29 0.00	27.80 -0.12 0.00	25.86 -0.02 0.00	26.97 -0.22 0.00	28.55 -0.34 0.00	31.26 -0.46 0.00	36.58 -0.94 0.00	39.41 -0.83 0.00	38.66 -0.43 0.00	37.85 -0.35 0.00	37.70 -0.60 0.00	33.89 -0.46 0.00	28.58 -0.74 0.00	25.18 -0.43 0.00
WESTOVER___LESR 323668	28.32 0.21 0.00	32.57 0.27 0.00	24.92 0.20 0.00	25.06 0.23 0.00	25.94 0.18 0.00	33.35 0.33 0.00	105.12 1.08 0.00	45.05 1.02 0.00	46.70 0.81 0.00	38.81 0.70 0.00	31.45 0.29 0.00	28.24 0.31 0.00	26.45 0.57 0.00	27.75 0.55 0.00	29.28 0.38 0.00	32.06 0.34 0.00	37.53 0.00 0.00	40.24 0.00 0.00	39.15 0.06 0.00	38.35 0.14 0.00	38.44 0.14 0.00	34.41 0.06 0.00	29.23 -0.09 0.00	25.56 -0.06 0.00
WETHRSFD_WT_PWR 323626	26.84 -1.28 0.00	31.24 -1.06 0.00	23.92 -0.80 0.00	24.06 -0.77 0.00	24.88 -0.87 0.00	32.06 -0.96 0.00	100.96 -3.08 0.00	43.37 -0.67 0.00	44.96 -0.93 0.00	37.45 -0.67 0.00	30.40 -0.76 0.00	27.43 -0.50 0.00	25.72 -0.17 0.00	26.85 -0.34 0.00	28.18 -0.71 0.00	30.97 -0.74 0.00	36.33 -1.20 0.00	38.93 -1.31 0.00	38.04 -1.04 0.00	37.32 -0.89 0.00	37.33 -0.97 0.00	33.64 -0.72 0.00	28.41 -0.92 0.00	24.98 -0.63 0.00
WHAVSTOR_138KV_BK127 55557	29.32 1.21 0.00	33.47 1.17 0.00	25.60 0.88 0.00	25.71 0.88 0.00	26.58 0.82 0.00	34.04 1.02 0.00	107.53 3.49 0.00	45.68 1.64 0.00	47.45 1.57 0.00	39.55 1.44 0.00	32.36 1.20 0.00	28.94 1.01 0.00	26.88 0.99 0.00	28.35 1.15 0.00	30.23 1.34 0.00	33.15 1.43 0.00	39.19 1.66 0.00	41.88 1.64 0.00	40.61 1.53 0.00	39.52 1.32 0.00	39.60 1.29 0.00	35.44 1.09 0.00	30.22 0.90 0.00	26.36 0.75 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.32 1.21 0.00	33.47 1.17 0.00	25.60 0.88 0.00	25.71 0.88 0.00	26.58 0.82 0.00	34.04 1.02 0.00	107.53 3.49 0.00	45.68 1.64 0.00	47.45 1.57 0.00	39.55 1.44 0.00	32.36 1.20 0.00	28.94 1.01 0.00	26.88 0.99 0.00	28.35 1.15 0.00	30.23 1.34 0.00	33.15 1.43 0.00	39.19 1.66 0.00	41.88 1.64 0.00	40.61 1.53 0.00	39.52 1.32 0.00	39.60 1.29 0.00	35.44 1.09 0.00	30.22 0.90 0.00	26.36 0.75 0.00
WHITEHAL_115KV_TB1 80871	30.24 2.12 0.00	34.48 2.18 0.00	26.49 1.77 0.00	26.60 1.77 0.00	27.72 1.97 0.00	35.65 2.63 0.00	111.56 7.52 0.00	47.91 3.87 0.00	49.88 3.99 0.00	40.45 2.33 0.00	32.80 1.64 0.00	29.35 1.42 0.00	27.08 1.20 0.00	28.65 1.45 0.00	30.70 1.81 0.00	33.54 1.82 0.00	39.49 1.96 0.00	42.48 2.24 0.00	41.17 2.08 0.00	40.63 2.42 0.00	41.08 2.77 0.00	36.38 2.03 0.00	30.97 1.65 0.00	27.09 1.47 0.00
WHITEPLN_13_KV_LOAD 356215	29.89 1.77 0.00	34.05 1.75 0.00	26.04 1.32 0.00	26.11 1.28 0.00	27.00 1.24 0.00	34.57 1.55 0.00	109.30 5.26 0.00	46.48 2.45 0.00	48.39 2.50 0.00	40.39 2.28 0.00	33.07 1.91 0.00	29.61 1.69 0.00	27.49 1.60 0.00	28.97 1.78 0.00	30.91 2.02 0.00	33.89 2.17 0.00	40.02 2.50 0.00	42.73 2.49 0.00	41.39 2.30 0.00	40.30 2.10 0.00	40.37 2.07 0.00	36.09 1.74 0.00	30.72 1.40 0.00	26.77 1.15 0.00
WM_FLOYD_69_KV_BK2 356380	30.20 2.09 0.00	34.30 2.00 0.00	26.20 1.48 0.00	26.25 1.42 0.00	27.06 1.31 0.00	34.32 1.30 0.00	108.37 4.33 0.00	44.54 1.28 0.78	34.81 1.46 12.54	39.83 1.72 0.00	32.90 1.74 0.00	29.62 1.70 0.00	27.24 1.36 0.00	28.69 1.49 0.00	30.66 1.77 0.00	33.49 1.77 0.00	39.04 1.84 0.33	42.06 1.82 0.00	39.34 1.60 1.35	39.69 1.48 0.00	39.84 1.54 0.00	29.79 1.18 5.75	30.50 1.18 0.00	26.82 1.21 0.00
WOODARD___115KV_TB2 355635	27.48 -0.64 0.00	31.60 -0.70 0.00	24.17 -0.55 0.00	24.29 -0.55 0.00	25.20 -0.55 0.00	32.34 -0.68 0.00	103.45 -2.13 -1.54	54.17 -0.87 -11.00	50.52 -0.98 -5.61	37.32 -0.80 0.00	30.48 -0.68 0.00	27.33 -0.60 0.00	25.31 -0.58 0.00	26.53 -0.67 0.00	28.14 -0.76 0.00	30.98 -0.74 0.00	36.81 -0.71 0.00	39.51 -0.72 0.00	38.46 -0.62 0.00	37.58 -0.63 0.00	37.61 -0.69 0.00	33.68 -0.67 0.00	28.66 -0.66 0.00	25.04 -0.57 0.00
YORK___WARBASSE 23770	29.83 1.71 0.00	33.99 1.68 0.00	26.01 1.29 0.00	26.08 1.25 0.00	26.93 1.18 0.00	34.45 1.43 0.00	108.60 4.56 0.00	46.09 2.05 0.00	47.99 2.10 0.00	40.18 2.07 0.00	32.94 1.78 0.00	29.50 1.58 0.00	27.36 1.48 0.00	28.87 1.67 0.00	30.79 1.90 0.00	33.73 2.01 0.00	39.80 2.27 0.00	42.36 2.12 0.00	41.04 1.96 0.00	40.03 1.82 0.00	40.17 1.87 0.00	36.01 1.66 0.00	30.62 1.30 0.00	26.71 1.10 0.00