

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/16/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	30.79	29.30	31.55	32.10	30.81	37.26	43.88	46.44	44.49	44.38	34.14	29.93	37.27	44.28	42.30	39.48	48.94	44.17	39.94	41.39	36.55	36.41	34.93	32.84
24138	1.36	1.16	1.17	1.15	1.11	1.46	1.71	1.79	1.95	2.20	1.89	1.85	2.29	2.46	2.37	2.20	2.40	2.00	1.62	1.74	1.45	1.48	1.50	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.05	-0.44	-0.82	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.84	29.36	31.63	32.17	30.89	37.33	43.96	46.51	44.52	44.39	34.14	29.92	37.27	44.26	42.29	39.45	48.92	44.17	39.97	41.43	36.66	36.52	35.04	32.95
24260	1.42	1.22	1.25	1.23	1.19	1.54	1.79	1.87	1.99	2.21	1.89	1.84	2.29	2.45	2.36	2.17	2.38	2.00	1.65	1.77	1.56	1.59	1.61	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.05	-0.44	-0.82	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.84	29.36	31.63	32.17	30.89	37.33	43.96	46.51	44.52	44.39	34.14	29.92	37.27	44.26	42.29	39.45	48.92	44.17	39.97	41.43	36.66	36.52	35.04	32.95
24261	1.42	1.22	1.25	1.23	1.19	1.54	1.79	1.87	1.99	2.21	1.89	1.84	2.29	2.45	2.36	2.17	2.38	2.00	1.65	1.77	1.56	1.59	1.61	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-0.05	-0.44	-0.82	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.10	29.55	31.98	32.53	31.31	37.91	44.71	47.33	44.60	43.85	32.84	28.71	35.05	41.28	40.95	38.62	48.52	44.13	40.39	41.96	37.26	37.05	35.60	33.24
24011	1.67	1.41	1.61	1.58	1.61	2.11	2.54	2.68	2.06	1.67	0.93	0.73	0.96	1.13	1.15	1.34	1.97	1.96	2.07	2.31	2.16	2.12	2.17	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.05	0.45	0.84	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.31	29.68	32.14	32.69	31.48	38.16	45.02	47.68	44.85	44.01	32.91	28.77	35.13	41.39	41.06	38.74	48.69	44.27	40.69	42.28	37.62	37.42	35.93	33.39
23798	1.89	1.54	1.77	1.75	1.77	2.37	2.85	3.03	2.32	1.84	1.01	0.78	1.04	1.24	1.26	1.45	2.15	2.10	2.36	2.63	2.52	2.48	2.50	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.05	0.45	0.84	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.10	29.55	31.98	32.53	31.31	37.91	44.71	47.33	44.60	43.85	32.84	28.71	35.05	41.28	40.95	38.62	48.52	44.13	40.39	41.96	37.26	37.05	35.60	33.24
24028	1.67	1.41	1.61	1.58	1.61	2.11	2.54	2.68	2.06	1.67	0.93	0.73	0.96	1.13	1.15	1.34	1.97	1.96	2.07	2.31	2.16	2.12	2.17	1.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.05	0.45	0.84	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	30.61	29.18	31.57	32.11	30.89	37.14	43.83	46.35	43.98	43.45	32.41	28.57	34.39	40.07	40.47	38.15	47.53	42.89	38.76	40.28	35.80	35.84	34.50	32.73
23527	1.19	1.04	1.19	1.17	1.19	1.34	1.66	1.70	1.45	1.27	0.70	0.64	0.80	0.86	0.75	0.87	1.00	0.72	0.43	0.63	0.70	0.90	1.07	1.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.37	0.10	0.95	1.78	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	29.45	28.19	30.38	30.86	29.70	35.76	42.11	44.59	42.49	42.05	31.85	27.92	34.00	40.00	39.43	36.99	46.06	41.65	37.72	39.12	34.69	34.66	33.25	31.45
24190	0.02	0.05	0.01	-0.08	0.00	-0.04	-0.06	-0.05	-0.04	-0.12	-0.11	-0.08	-0.23	-0.41	-0.38	-0.29	-0.47	-0.53	-0.61	-0.54	-0.41	-0.28	-0.18	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.04	0.31	0.58	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	-5.55	28.08	20.45	31.21	29.87	35.92	42.29	44.17	42.92	42.57	32.37	28.20	34.73	41.37	40.23	37.64	47.00	42.44	13.88	-45.53	26.51	30.03	33.50	31.70
355683	0.20	0.04	0.26	0.27	0.17	0.12	0.32	0.39	0.38	0.40	0.30	0.16	0.19	0.38	0.37	0.36	0.46	0.27	0.32	0.05	0.27	0.22	0.07	0.10
	35.17	0.10	10.19	0.00	0.00	0.00	0.20	0.87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.77	85.24	8.85	5.13	0.00	0.00
ALBANY_1_SOLAR	30.09	28.83	31.09	31.63	30.42	36.63	43.16	45.68	43.23	42.62	32.19	28.06	34.31	40.58	39.79	36.99	46.03	41.74	37.99	39.46	34.98	34.88	33.44	31.66
323833	0.65	0.69	0.71	0.69	0.71	0.83	0.98	1.03	0.70	0.45	0.17	0.04	-0.08	-0.14	-0.05	-0.30	-0.51	-0.43	-0.34	-0.19	-0.12	-0.05	0.01	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.02	0.15	0.28	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	30.08	28.81	31.08	31.62	30.41	36.63	43.15	45.66	43.21	42.62	32.19	28.06	34.31	40.57	39.78	36.97	46.02	41.73	37.97	39.44	34.96	34.86	33.43	31.65
323834	0.64	0.68	0.70	0.68	0.70	0.83	0.98	1.01	0.68	0.44	0.17	0.04	-0.08	-0.14	-0.06	-0.31	-0.52	-0.44	-0.36	-0.21	-0.14	-0.08	-0.01	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.02	0.15	0.28	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	29.45	28.19	30.38	30.86	29.70	35.76	42.11	44.59	42.49	42.05	31.85	27.92	34.00	40.00	39.43	36.99	46.06	41.65	37.72	39.12	34.69	34.66	33.25	31.45
23571	0.02	0.05	0.01	-0.08	0.00	-0.04	-0.06	-0.05	-0.04	-0.12	-0.11	-0.08	-0.23	-0.41	-0.38	-0.29	-0.47	-0.53	-0.61	-0.54	-0.41	-0.28	-0.18	-0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.04	0.31	0.58	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	29.45 0.02 0.00	28.19 0.05 0.00	30.38 0.01 0.00	30.86 -0.08 0.00	29.70 0.00 0.00	35.76 -0.04 0.00	42.11 -0.06 0.00	44.59 -0.05 0.00	42.49 -0.04 0.00	42.05 -0.12 0.00	31.85 -0.11 0.12	27.92 -0.08 0.04	34.00 -0.23 0.31	40.00 -0.41 0.58	39.43 -0.38 0.05	36.99 -0.29 0.00	46.06 -0.47 0.00	41.65 -0.53 0.00	37.72 -0.61 0.00	39.12 -0.54 0.00	34.69 -0.41 0.00	34.66 -0.28 0.00	33.25 -0.18 0.00	31.45 -0.15 0.00
ALBANY___3 23573	29.45 0.02 0.00	28.19 0.05 0.00	30.38 0.01 0.00	30.86 -0.08 0.00	29.70 0.00 0.00	35.76 -0.04 0.00	42.11 -0.06 0.00	44.59 -0.05 0.00	42.49 -0.04 0.00	42.05 -0.12 0.00	31.85 -0.11 0.12	27.92 -0.08 0.04	34.00 -0.23 0.31	40.00 -0.41 0.58	39.43 -0.38 0.05	36.99 -0.29 0.00	46.06 -0.47 0.00	41.65 -0.53 0.00	37.72 -0.61 0.00	39.12 -0.54 0.00	34.69 -0.41 0.00	34.66 -0.28 0.00	33.25 -0.18 0.00	31.45 -0.15 0.00
ALBANY___4 23574	29.45 0.02 0.00	28.19 0.05 0.00	30.38 0.01 0.00	30.86 -0.08 0.00	29.70 0.00 0.00	35.76 -0.04 0.00	42.11 -0.06 0.00	44.59 -0.05 0.00	42.49 -0.04 0.00	42.05 -0.12 0.00	31.85 -0.11 0.12	27.92 -0.08 0.04	34.00 -0.23 0.31	40.00 -0.41 0.58	39.43 -0.38 0.05	36.99 -0.29 0.00	46.06 -0.47 0.00	41.65 -0.53 0.00	37.72 -0.61 0.00	39.12 -0.54 0.00	34.69 -0.41 0.00	34.66 -0.28 0.00	33.25 -0.18 0.00	31.45 -0.15 0.00
ALBANY___LFGE 323615	29.76 0.33 0.00	28.48 0.34 0.00	30.69 0.31 0.00	31.14 0.20 0.00	29.97 0.26 0.00	36.09 0.30 0.00	42.53 0.36 0.00	45.04 0.39 0.00	42.90 0.37 0.00	42.44 0.27 0.00	32.14 0.19 0.13	28.18 0.18 0.04	34.32 0.11 0.33	40.43 0.07 0.63	39.92 0.11 0.05	37.47 0.19 0.00	46.71 0.17 0.00	42.24 0.07 0.00	38.26 -0.07 0.00	39.67 0.01 0.00	35.15 0.05 0.00	35.09 0.15 0.00	33.66 0.23 0.00	31.81 0.21 0.00
ALCOA_PA_115KV_PL-6C 55860	365.98 0.51 -336.05	29.48 0.37 -0.97	128.24 0.50 -97.37	31.44 0.50 0.00	30.09 0.38 0.00	36.19 0.39 0.00	44.78 0.66 -1.95	53.68 0.75 -8.28	43.17 0.64 0.00	42.75 0.58 0.00	32.49 0.41 0.00	28.31 0.27 0.00	34.85 0.31 0.00	41.52 0.53 0.00	40.36 0.50 0.00	37.76 0.47 0.00	47.16 0.62 0.00	42.65 0.46 -0.02	275.47 0.54 -236.60	854.48 0.51 -814.32	120.26 0.61 -84.55	84.42 0.50 -48.98	33.74 0.30 -0.01	31.92 0.31 0.00
ALCOA_RYNLDS___DRP 24188	365.98 0.51 -336.05	29.48 0.37 -0.97	128.24 0.50 -97.37	31.44 0.50 0.00	30.09 0.38 0.00	36.19 0.39 0.00	44.78 0.66 -1.95	53.68 0.75 -8.28	43.17 0.64 0.00	42.75 0.58 0.00	32.49 0.41 0.00	28.31 0.27 0.00	34.85 0.31 0.00	41.52 0.53 0.00	40.36 0.50 0.00	37.76 0.47 0.00	47.16 0.62 0.00	42.65 0.46 -0.02	275.47 0.54 -236.60	854.48 0.51 -814.32	120.26 0.61 -84.55	84.42 0.50 -48.98	33.74 0.30 -0.01	31.92 0.31 0.00
ALCOA___DSASP 323711	365.98 0.51 -336.05	29.48 0.37 -0.97	128.24 0.50 -97.37	31.44 0.50 0.00	30.09 0.38 0.00	36.19 0.39 0.00	44.78 0.66 -1.95	53.68 0.74 -8.28	43.17 0.64 0.00	42.75 0.58 0.00	32.49 0.41 0.00	28.31 0.27 0.00	34.85 0.31 0.00	41.52 0.53 0.00	40.36 0.50 0.00	37.76 0.47 0.00	47.16 0.62 0.00	42.66 0.46 -0.02	275.47 0.54 -236.60	854.48 0.51 -814.32	120.26 0.61 -84.55	84.42 0.50 -48.98	33.74 0.30 -0.01	31.92 0.31 0.00
ALLEGHENY___COGEN 23514	30.07 0.64 0.00	28.85 0.71 0.00	31.17 0.79 0.00	31.93 0.98 0.00	30.79 1.09 0.00	37.32 1.52 0.00	43.68 1.51 0.00	46.28 1.64 0.00	43.32 0.79 0.00	42.25 0.07 0.00	32.35 0.27 0.00	28.10 0.07 0.00	34.74 0.20 0.00	41.63 0.64 0.00	40.54 0.68 0.00	37.72 0.44 0.00	47.19 0.66 0.00	43.35 1.18 0.00	40.27 1.94 0.00	42.06 2.41 0.00	37.33 2.23 0.00	37.00 2.06 0.00	35.22 1.79 0.00	33.39 1.79 0.00
ALTAMONT_115KV_TB 2 55880	29.82 0.39 0.00	28.54 0.40 0.00	30.78 0.40 0.00	31.32 0.38 0.00	30.10 0.40 0.00	36.27 0.47 0.00	42.71 0.54 0.00	45.22 0.57 0.00	43.04 0.51 0.00	42.62 0.45 0.00	32.29 0.28 0.08	28.29 0.27 0.02	34.63 0.28 0.19	40.82 0.19 0.37	39.99 0.16 0.03	37.45 0.16 0.00	46.70 0.16 0.00	42.27 0.09 0.00	38.33 0.00 0.00	39.73 0.08 0.00	35.23 0.13 0.00	35.14 0.21 0.00	33.72 0.29 0.00	31.89 0.28 0.00
ALTONA_WT_PWR 323606	48.85 1.87 -17.55	29.69 1.50 -0.05	37.09 1.63 -5.09	32.50 1.55 0.00	31.28 1.58 0.00	37.79 2.00 0.00	44.92 2.65 -0.10	47.79 2.71 -0.43	44.64 2.10 0.00	44.02 1.85 0.00	33.31 1.23 0.00	29.17 1.14 0.00	36.01 1.47 0.00	42.80 1.81 0.00	41.69 1.82 0.00	39.17 1.89 0.00	48.99 2.45 0.00	44.34 2.17 0.00	52.73 2.05 -12.36	84.48 2.30 -42.53	41.60 2.09 -4.42	39.16 1.66 -2.56	34.71 1.28 0.00	32.78 1.18 0.00
AMERICAN_REF_FUEL 24010	28.23 -1.20 0.00	27.21 -0.92 0.00	29.38 -0.99 0.00	30.06 -0.88 0.00	29.01 -0.69 0.00	34.98 -0.82 0.00	39.87 -2.31 0.00	41.92 -2.73 0.00	40.17 -2.36 0.00	40.31 -1.86 0.00	31.03 -1.05 0.00	26.75 -1.28 0.00	33.34 -1.21 0.00	39.88 -1.11 0.00	38.79 -1.07 0.00	35.92 -1.37 0.00	44.66 -1.88 0.00	40.83 -1.34 0.00	37.44 -0.89 0.00	38.28 -1.37 0.00	33.86 -1.24 0.00	33.78 -1.16 0.00	32.36 -1.07 0.00	31.32 -0.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.48 -0.96 0.00	27.35 -0.79 0.00	29.37 -1.00 0.00	30.11 -0.83 0.00	29.22 -0.48 0.00	35.50 -0.30 0.00	41.11 -1.06 0.00	43.67 -0.98 0.00	41.83 -0.70 0.00	41.86 -0.32 0.00	32.25 0.17 0.00	27.97 -0.06 0.00	34.76 0.21 0.00	41.54 0.55 0.00	40.42 0.56 0.00	37.49 0.21 0.00	46.85 0.31 0.00	42.88 0.71 0.00	39.11 0.79 0.00	39.91 0.26 0.00	35.17 0.07 0.00	35.01 0.08 0.00	33.32 -0.12 0.00	31.91 0.31 0.00
ARTHUR KILL_GT_1 23520	31.00 1.57 0.00	29.51 1.37 0.00	31.84 1.46 0.00	32.41 1.47 0.00	31.13 1.43 0.00	37.51 1.72 0.00	43.92 1.75 0.00	46.26 1.61 0.00	44.42 1.89 0.00	44.28 2.11 0.00	34.25 1.99 -0.18	29.99 1.90 -0.05	37.25 2.26 -0.44	44.24 2.42 -0.82	42.40 2.47 -0.07	39.65 2.37 0.00	48.94 2.40 0.00	44.36 2.18 0.00	40.26 1.94 0.00	41.68 2.03 0.00	37.42 1.88 -0.43	36.73 1.79 0.00	35.25 1.81 0.00	33.15 1.55 0.00
ARTHUR_KILL_2 23512	30.91 1.49 0.00	29.42 1.29 0.00	31.74 1.37 0.00	32.32 1.38 0.00	31.04 1.34 0.00	37.40 1.61 0.00	43.78 1.61 0.00	46.11 1.46 0.00	44.28 1.74 0.00	44.14 1.97 0.00	34.15 1.90 -0.18	29.91 1.82 -0.05	37.15 2.17 -0.44	44.12 2.30 -0.82	42.27 2.35 -0.07	39.53 2.25 0.00	48.79 2.25 0.00	44.21 2.03 0.00	40.12 1.80 0.00	41.52 1.87 0.00	37.28 1.75 -0.43	36.61 1.67 0.00	35.14 1.71 0.00	33.06 1.46 0.00
ARTHUR_KILL_3 23513	30.48 1.05 0.00	29.00 0.86 0.00	31.24 0.87 0.00	31.79 0.85 0.00	30.52 0.82 0.00	36.88 1.09 0.00	43.37 1.19 0.00	45.87 1.22 0.00	43.87 1.34 0.00	43.72 1.55 0.00	33.66 1.41 -0.17	29.52 1.44 -0.05	36.75 1.77 -0.44	43.63 1.82 -0.82	41.71 1.78 -0.07	38.90 1.62 0.00	48.24 1.70 0.00	43.58 1.41 0.00	39.43 1.10 0.00	40.87 1.22 0.00	36.17 1.08 0.00	36.07 1.14 0.00	34.62 1.19 0.00	32.56 0.96 0.00

ARTHUR_KILL_COGEN 323718	31.01 1.58 0.00	29.51 1.37 0.00	31.83 1.46 0.00	32.41 1.47 0.00	31.13 1.43 0.00	37.51 1.72 0.00	43.92 1.75 0.00	46.26 1.61 0.00	44.42 1.89 0.00	44.28 2.11 0.00	34.25 2.00 -0.18	29.98 1.90 -0.05	37.25 2.27 -0.44	44.23 2.42 -0.82	42.40 2.47 -0.07	39.65 2.37 0.00	48.94 2.40 0.00	44.36 2.19 0.00	40.26 1.94 0.00	41.68 2.03 0.00	37.42 1.89 -0.43	36.73 1.79 0.00	35.24 1.81 0.00	33.15 1.55 0.00
ASHOKAN____ 23654	30.29 0.86 0.00	28.95 0.81 0.00	31.18 0.80 0.00	31.71 0.77 0.00	30.47 0.77 0.00	36.78 0.99 0.00	43.47 1.30 0.00	46.20 1.55 0.00	43.95 1.41 0.00	43.37 1.20 0.00	33.14 1.07 0.00	28.78 0.75 0.00	35.56 1.02 0.00	42.17 1.18 0.00	40.65 0.78 0.00	38.27 0.98 0.00	47.61 1.07 0.00	43.30 1.13 0.00	39.38 1.05 0.00	40.95 1.30 0.00	36.21 1.11 0.00	35.99 1.06 0.00	34.45 1.01 0.00	32.48 0.87 0.00
ASTORIA_EAST_ENERGY_CC1 323581	30.56 1.13 0.00	29.00 0.86 0.00	31.31 0.94 0.00	31.85 0.91 0.00	30.61 0.91 0.00	37.02 1.23 0.00	43.48 1.31 0.00	45.86 1.21 0.00	43.94 1.41 0.00	43.74 1.57 0.00	33.68 1.44 -0.17	29.54 1.46 -0.05	36.70 1.73 -0.44	43.66 1.85 -0.82	41.66 1.74 -0.06	38.90 1.62 0.00	48.15 1.61 0.00	43.46 1.29 0.00	39.43 1.11 0.00	40.89 1.24 0.00	36.27 1.17 0.00	36.13 1.19 0.00	34.68 1.25 0.00	32.62 1.02 0.00
ASTORIA_EAST_ENERGY_CC2 323582	30.55 1.12 0.00	28.99 0.85 0.00	31.30 0.92 0.00	31.84 0.90 0.00	30.60 0.89 0.00	37.00 1.20 0.00	43.45 1.28 0.00	45.85 1.20 0.00	43.94 1.41 0.00	43.74 1.57 0.00	33.68 1.44 -0.17	29.54 1.46 -0.05	36.70 1.73 -0.44	43.66 1.85 -0.82	41.66 1.74 -0.06	38.90 1.62 0.00	48.15 1.61 0.00	43.46 1.29 0.00	39.43 1.11 0.00	40.89 1.24 0.00	36.27 1.17 0.00	36.13 1.19 0.00	34.68 1.25 0.00	32.62 1.02 0.00
ASTORIA_GT2_1 24094	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT2_2 24095	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT2_3 24096	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT2_4 24097	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT3_1 24098	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT3_2 24099	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT3_3 24100	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT3_4 24101	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT4_1 24102	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT4_2 24103	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT4_3 24104	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00

ASTORIA_GT4_4 24105	30.56 1.13 0.00	29.01 0.87 0.00	31.31 0.94 0.00	31.86 0.91 0.00	30.62 0.91 0.00	37.03 1.23 0.00	43.48 1.31 0.00	45.87 1.22 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.68 1.87 -0.82	41.69 1.76 -0.07	38.94 1.65 0.00	48.18 1.64 0.00	43.49 1.32 0.00	39.45 1.12 0.00	40.91 1.26 0.00	36.29 1.19 0.00	36.14 1.20 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA_GT_1 23523	30.61 1.18 0.00	29.06 0.92 0.00	31.37 0.99 0.00	31.91 0.97 0.00	30.66 0.96 0.00	37.08 1.28 0.00	43.57 1.40 0.00	45.96 1.31 0.00	44.06 1.53 0.00	43.86 1.69 0.00	33.77 1.52 -0.17	29.62 1.54 -0.05	36.81 1.83 -0.44	43.78 1.97 -0.82	41.78 1.85 -0.07	39.01 1.73 0.00	48.28 1.74 0.00	43.59 1.42 0.00	39.53 1.21 0.00	41.00 1.35 0.00	36.36 1.26 0.00	36.21 1.27 0.00	34.76 1.33 0.00	32.69 1.09 0.00
ASTORIA_GT_10 24110	30.64 1.21 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.67 0.97 0.00	37.04 1.24 0.00	43.57 1.40 0.00	46.07 1.42 0.00	44.15 1.61 0.00	43.99 1.82 0.00	33.86 1.61 -0.17	29.69 1.61 -0.05	36.94 1.96 -0.44	43.90 2.08 -0.82	41.92 2.00 -0.07	39.13 1.85 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.62 1.30 0.00	41.07 1.42 0.00	36.39 1.29 0.00	36.27 1.33 0.00	34.81 1.38 0.00	32.73 1.13 0.00
ASTORIA_GT_11 24225	30.64 1.21 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.67 0.97 0.00	37.04 1.24 0.00	43.57 1.40 0.00	46.07 1.42 0.00	44.15 1.61 0.00	43.99 1.82 0.00	33.86 1.61 -0.17	29.69 1.61 -0.05	36.94 1.96 -0.44	43.90 2.08 -0.82	41.92 2.00 -0.07	39.13 1.85 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.62 1.30 0.00	41.07 1.42 0.00	36.39 1.29 0.00	36.27 1.33 0.00	34.81 1.38 0.00	32.73 1.13 0.00
ASTORIA_GT_12 24226	30.64 1.21 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.67 0.97 0.00	37.04 1.24 0.00	43.57 1.40 0.00	46.07 1.42 0.00	44.15 1.61 0.00	43.99 1.82 0.00	33.86 1.61 -0.17	29.69 1.61 -0.05	36.94 1.96 -0.44	43.90 2.08 -0.82	41.92 2.00 -0.07	39.13 1.85 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.62 1.30 0.00	41.07 1.42 0.00	36.39 1.29 0.00	36.27 1.33 0.00	34.81 1.38 0.00	32.73 1.13 0.00
ASTORIA_GT_13 24227	30.64 1.21 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.67 0.97 0.00	37.04 1.24 0.00	43.57 1.40 0.00	46.07 1.42 0.00	44.15 1.61 0.00	43.99 1.82 0.00	33.86 1.61 -0.17	29.69 1.61 -0.05	36.94 1.96 -0.44	43.90 2.08 -0.82	41.92 2.00 -0.07	39.13 1.85 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.62 1.30 0.00	41.07 1.42 0.00	36.39 1.29 0.00	36.27 1.33 0.00	34.81 1.38 0.00	32.73 1.13 0.00
ASTORIA_GT_5 24106	30.61 1.18 0.00	29.06 0.92 0.00	31.37 0.99 0.00	31.91 0.97 0.00	30.66 0.96 0.00	37.08 1.28 0.00	43.57 1.40 0.00	45.96 1.31 0.00	44.06 1.53 0.00	43.86 1.69 0.00	33.77 1.52 -0.17	29.62 1.54 -0.05	36.81 1.83 -0.44	43.78 1.97 -0.82	41.78 1.85 -0.07	39.01 1.73 0.00	48.28 1.74 0.00	43.59 1.42 0.00	39.53 1.21 0.00	41.00 1.35 0.00	36.36 1.26 0.00	36.21 1.27 0.00	34.76 1.33 0.00	32.69 1.09 0.00
ASTORIA_GT_7 24107	30.61 1.18 0.00	29.06 0.92 0.00	31.37 0.99 0.00	31.91 0.97 0.00	30.66 0.96 0.00	37.08 1.28 0.00	43.57 1.40 0.00	45.96 1.31 0.00	44.06 1.53 0.00	43.86 1.69 0.00	33.77 1.52 -0.17	29.62 1.54 -0.05	36.81 1.83 -0.44	43.78 1.97 -0.82	41.78 1.85 -0.07	39.01 1.73 0.00	48.28 1.74 0.00	43.59 1.42 0.00	39.53 1.21 0.00	41.00 1.35 0.00	36.36 1.26 0.00	36.21 1.27 0.00	34.76 1.33 0.00	32.69 1.09 0.00
ASTORIA_GT_8 24108	30.61 1.18 0.00	29.06 0.92 0.00	31.37 0.99 0.00	31.91 0.97 0.00	30.66 0.96 0.00	37.08 1.28 0.00	43.57 1.40 0.00	45.96 1.31 0.00	44.06 1.53 0.00	43.86 1.69 0.00	33.77 1.52 -0.17	29.62 1.54 -0.05	36.81 1.83 -0.44	43.78 1.97 -0.82	41.78 1.85 -0.07	39.01 1.73 0.00	48.28 1.74 0.00	43.59 1.42 0.00	39.53 1.21 0.00	41.00 1.35 0.00	36.36 1.26 0.00	36.21 1.27 0.00	34.76 1.33 0.00	32.69 1.09 0.00
ASTORIA___2 24149	30.56 1.13 0.00	29.00 0.86 0.00	31.31 0.94 0.00	31.85 0.91 0.00	30.61 0.91 0.00	37.02 1.23 0.00	43.48 1.31 0.00	45.86 1.21 0.00	43.96 1.43 0.00	43.78 1.60 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.73 1.76 -0.44	43.68 1.87 -0.82	41.68 1.76 -0.06	38.93 1.65 0.00	48.18 1.64 0.00	43.48 1.32 0.00	39.45 1.12 0.00	40.92 1.26 0.00	36.29 1.19 0.00	36.14 1.21 0.00	34.69 1.26 0.00	32.64 1.04 0.00
ASTORIA___3 23516	30.64 1.21 0.00	29.12 0.98 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.67 0.97 0.00	37.03 1.24 0.00	43.56 1.39 0.00	46.07 1.42 0.00	44.15 1.61 0.00	43.99 1.82 0.00	33.86 1.61 -0.17	29.69 1.61 -0.05	36.94 1.96 -0.44	43.90 2.08 -0.82	41.92 2.00 -0.07	39.13 1.85 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.62 1.30 0.00	41.07 1.41 0.00	36.39 1.29 0.00	36.27 1.34 0.00	34.81 1.38 0.00	32.73 1.13 0.00
ASTORIA___4 23517	30.63 1.21 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.67 0.97 0.00	37.04 1.24 0.00	43.57 1.40 0.00	46.07 1.42 0.00	44.15 1.61 0.00	43.99 1.82 0.00	33.86 1.61 -0.17	29.69 1.61 -0.05	36.94 1.96 -0.44	43.90 2.08 -0.82	41.92 2.00 -0.07	39.13 1.85 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.62 1.30 0.00	41.07 1.42 0.00	36.39 1.29 0.00	36.27 1.33 0.00	34.81 1.38 0.00	32.73 1.13 0.00
ASTORIA___5 23518	30.64 1.21 0.00	29.12 0.98 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.67 0.97 0.00	37.03 1.24 0.00	43.56 1.39 0.00	46.07 1.42 0.00	44.15 1.61 0.00	43.99 1.82 0.00	33.86 1.61 -0.17	29.69 1.61 -0.05	36.94 1.96 -0.44	43.90 2.08 -0.82	41.92 2.00 -0.07	39.13 1.85 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.62 1.30 0.00	41.07 1.41 0.00	36.39 1.29 0.00	36.27 1.34 0.00	34.81 1.38 0.00	32.73 1.13 0.00
AST_ENERGY_2_CC3 323677	24.61 0.83 5.65	24.61 0.58 4.11	24.61 0.63 6.39	24.61 0.59 6.92	24.61 0.60 5.69	29.01 0.84 7.63	26.91 0.87 16.12	26.09 0.76 19.32	25.38 1.00 18.15	26.01 1.15 17.32	27.46 1.11 5.73	27.46 1.18 1.75	27.46 1.39 8.47	27.46 1.44 14.97	27.46 1.34 13.74	27.46 1.26 11.08	34.84 1.15 12.86	28.67 0.88 14.38	27.50 0.72 11.55	28.88 0.84 11.62	27.66 0.82 8.26	27.46 0.85 8.32	27.46 0.91 6.88	27.47 0.70 4.83
AST_ENERGY_2_CC4 323678	24.61 0.83 5.65	24.61 0.58 4.11	24.61 0.63 6.39	24.61 0.59 6.92	24.61 0.60 5.69	29.01 0.84 7.63	26.91 0.87 16.12	26.09 0.76 19.32	25.38 1.00 18.15	26.01 1.15 17.32	27.46 1.11 5.73	27.46 1.18 1.75	27.46 1.39 8.47	27.46 1.44 14.97	27.46 1.34 13.74	27.46 1.26 11.08	34.84 1.15 12.86	28.67 0.88 14.38	27.50 0.72 11.55	28.88 0.84 11.62	27.66 0.82 8.26	27.46 0.85 8.32	27.46 0.91 6.88	27.47 0.70 4.83

ATHENS_STG_1 23668	30.02 0.59 0.00	28.71 0.57 0.00	30.97 0.59 0.00	31.52 0.58 0.00	30.27 0.57 0.00	36.50 0.70 0.00	42.99 0.82 0.00	45.51 0.86 0.00	43.40 0.87 0.00	43.10 0.93 0.00	32.87 0.72 -0.08	28.79 0.73 -0.02	35.60 0.85 -0.20	42.11 0.74 -0.38	40.51 0.62 -0.03	37.87 0.59 0.00	47.15 0.61 0.00	42.61 0.44 0.00	38.60 0.27 0.00	40.02 0.37 0.00	35.45 0.35 0.00	35.36 0.42 0.00	34.00 0.57 0.00	32.16 0.56 0.00
ATHENS_STG_2 23670	30.02 0.59 0.00	28.71 0.57 0.00	30.97 0.59 0.00	31.52 0.58 0.00	30.27 0.57 0.00	36.50 0.70 0.00	42.99 0.82 0.00	45.51 0.86 0.00	43.40 0.87 0.00	43.10 0.93 0.00	32.87 0.72 -0.08	28.79 0.73 -0.02	35.60 0.85 -0.20	42.11 0.74 -0.38	40.51 0.62 -0.03	37.87 0.59 0.00	47.15 0.61 0.00	42.61 0.44 0.00	38.60 0.27 0.00	40.02 0.37 0.00	35.45 0.35 0.00	35.36 0.42 0.00	34.00 0.57 0.00	32.16 0.56 0.00
ATHENS_STG_3 23677	30.02 0.59 0.00	28.71 0.57 0.00	30.97 0.59 0.00	31.52 0.58 0.00	30.27 0.57 0.00	36.50 0.70 0.00	42.99 0.82 0.00	45.51 0.86 0.00	43.40 0.87 0.00	43.10 0.93 0.00	32.87 0.72 -0.08	28.79 0.73 -0.02	35.60 0.85 -0.20	42.11 0.74 -0.38	40.51 0.62 -0.03	37.87 0.59 0.00	47.15 0.61 0.00	42.61 0.44 0.00	38.60 0.27 0.00	40.02 0.37 0.00	35.45 0.35 0.00	35.36 0.42 0.00	34.00 0.57 0.00	32.16 0.56 0.00
AUBURN___LFGE 323710	34.01 0.03 -4.55	28.21 0.06 -0.01	31.74 0.05 -1.32	31.03 0.08 0.00	29.84 0.14 0.00	36.08 0.28 0.00	42.38 0.18 -0.03	44.91 0.15 -0.11	42.45 -0.08 0.00	41.89 -0.28 0.00	31.90 -0.18 0.00	27.85 -0.18 0.00	34.37 -0.17 0.00	40.90 -0.09 0.00	39.84 -0.02 0.00	37.27 -0.02 0.00	46.60 0.06 0.00	42.69 0.52 0.00	42.19 0.67 -3.20	51.33 0.66 -11.02	36.81 0.56 -1.14	36.12 0.52 -0.66	33.85 0.42 0.00	32.02 0.42 0.00
BABYLON_RES_REC 323704	30.73 1.30 0.00	29.16 1.02 0.00	31.38 1.00 0.00	31.91 0.97 0.00	30.64 0.93 0.00	37.00 1.21 0.00	43.45 1.28 0.00	46.12 1.47 0.00	44.11 1.57 0.00	44.03 1.86 0.00	33.94 1.69 -0.17	29.71 1.63 -0.05	37.11 2.13 -0.44	44.22 2.41 -0.82	42.00 2.08 -0.07	38.93 1.65 0.00	48.11 1.57 0.00	43.45 1.28 0.00	39.49 1.16 0.00	41.00 1.35 0.00	36.14 1.04 0.00	36.24 1.31 0.00	34.88 1.45 0.00	32.75 1.15 0.00
BALL_HILL_WT_PWR 323825	28.57 -0.86 0.00	27.47 -0.67 0.00	29.64 -0.74 0.00	30.35 -0.59 0.00	29.31 -0.40 0.00	35.46 -0.34 0.00	40.83 -1.34 0.00	43.28 -1.37 0.00	41.37 -1.16 0.00	41.35 -0.83 0.00	31.83 -0.25 0.00	27.58 -0.45 0.00	34.28 -0.26 0.00	40.99 0.00 0.00	39.91 0.05 0.00	37.02 -0.26 0.00	46.23 -0.31 0.00	42.31 0.14 0.00	38.61 0.28 0.00	39.52 -0.13 0.00	34.90 -0.20 0.00	34.76 -0.18 0.00	33.22 -0.21 0.00	31.89 0.29 0.00
BARON_WINDS___WT_PWR 323822	28.78 -0.65 0.00	27.69 -0.45 0.00	29.94 -0.44 0.00	30.65 -0.29 0.00	29.55 -0.15 0.00	35.75 -0.05 0.00	41.63 -0.54 0.00	44.08 -0.57 0.00	41.64 -0.89 0.00	41.11 -1.07 0.00	31.49 -0.59 0.00	27.39 -0.64 0.00	33.93 -0.61 0.00	40.46 -0.53 0.00	39.40 -0.46 0.00	36.67 -0.62 0.00	45.88 -0.65 0.00	42.11 -0.06 0.00	38.57 0.25 0.00	39.78 0.13 0.00	35.23 0.13 0.00	35.08 0.14 0.00	33.44 0.00 0.00	31.87 0.27 0.00
BARRETT_IC_1 23704	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_10 23701	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_11 23702	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_12 23703	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_2 23705	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_3 23706	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_4 23707	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_5 23708	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00

BARRETT_IC_6 23709	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_7 23710	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.23 1.05 0.00	45.75 1.10 0.00	43.71 1.18 0.00	43.72 1.55 0.00	33.76 1.51 -0.17	29.62 1.54 -0.05	36.90 1.92 -0.44	43.84 2.03 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.26 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.72 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_8 23711	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT_IC_9 23700	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT___1 23545	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BARRETT___2 23546	30.55 1.12 0.00	29.02 0.88 0.00	31.23 0.86 0.00	31.78 0.84 0.00	30.51 0.81 0.00	36.86 1.06 0.00	43.22 1.04 0.00	45.76 1.12 0.00	43.71 1.18 0.00	43.72 1.54 0.00	33.76 1.51 -0.17	29.62 1.53 -0.05	36.90 1.92 -0.44	43.84 2.02 -0.82	41.70 1.77 -0.07	38.67 1.38 0.00	47.79 1.25 0.00	43.21 1.04 0.00	39.18 0.85 0.00	40.67 1.02 0.00	35.91 0.81 0.00	36.04 1.10 0.00	34.71 1.28 0.00	32.61 1.01 0.00
BATAVIA___115KV_TB1 55881	29.55 0.11 0.00	28.36 0.23 0.00	30.62 0.24 0.00	31.31 0.37 0.00	30.18 0.48 0.00	36.53 0.73 0.00	42.19 0.02 0.00	44.60 -0.05 0.00	42.49 -0.04 0.00	42.13 -0.05 0.00	32.21 0.13 0.00	27.88 -0.15 0.00	35.84 1.30 0.00	41.66 0.67 0.00	40.39 0.53 0.00	37.77 0.48 0.00	46.88 0.34 0.00	43.09 0.91 0.00	39.74 1.42 0.00	40.92 1.27 0.00	36.13 1.03 0.00	35.89 0.95 0.00	34.25 0.82 0.00	32.79 1.19 0.00
BAYONEEC___CTG1 323682	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00
BAYONEEC___CTG10 323750	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00
BAYONEEC___CTG2 323683	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00
BAYONEEC___CTG3 323684	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00
BAYONEEC___CTG4 323685	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00
BAYONEEC___CTG5 323686	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00
BAYONEEC___CTG6 323687	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00
BAYONEEC___CTG7 323688	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00

BAYONEEC___CTG8 323689	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00
BAYONEEC___CTG9 323749	30.61 1.18 0.00	29.13 1.00 0.00	31.39 1.01 0.00	31.93 0.98 0.00	30.65 0.95 0.00	37.04 1.24 0.00	43.58 1.40 0.00	46.07 1.42 0.00	44.08 1.55 0.00	43.95 1.78 0.00	33.82 1.57 -0.17	29.65 1.57 -0.05	36.92 1.94 -0.44	43.84 2.02 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.59 1.26 0.00	41.04 1.39 0.00	36.34 1.25 0.00	36.24 1.30 0.00	34.77 1.34 0.00	32.70 1.09 0.00
BEACON___LESR 323632	29.91 0.48 0.00	28.61 0.47 0.00	30.88 0.51 0.00	31.35 0.41 0.00	30.17 0.47 0.00	36.35 0.55 0.00	42.85 0.68 0.00	45.38 0.74 0.00	43.16 0.63 0.00	42.74 0.57 0.00	32.29 0.34 0.13	28.34 0.35 0.04	34.49 0.28 0.34	40.56 0.20 0.63	40.12 0.30 0.05	37.63 0.35 0.00	46.87 0.34 0.00	42.45 0.27 0.00	38.36 0.03 0.00	39.85 0.19 0.00	35.29 0.19 0.00	35.16 0.22 0.00	33.73 0.29 0.00	31.88 0.28 0.00
BEAVER RIVER___HYD 24048	117.62 1.33 -86.86	29.57 1.18 -0.25	56.82 1.28 -25.17	32.24 1.30 0.00	30.96 1.25 0.00	37.43 1.63 0.00	44.79 2.12 -0.51	49.11 2.32 -2.14	44.02 1.48 0.00	42.92 0.74 0.00	32.41 0.33 0.00	28.32 0.29 0.00	34.88 0.34 0.00	41.41 0.42 0.00	40.30 0.44 0.00	37.70 0.42 0.00	47.30 0.76 0.00	43.53 1.36 -0.01	101.50 2.01 -61.16	252.52 2.39 -210.49	59.11 2.15 -21.85	49.65 2.05 -12.66	35.21 1.78 0.00	33.12 1.52 0.00
BEEBEE_GT_13 23619	29.20 -0.23 0.00	27.99 -0.15 0.00	30.21 -0.17 0.00	30.86 -0.08 0.00	29.73 0.03 0.00	35.96 0.16 0.00	41.89 -0.28 0.00	44.32 -0.32 0.00	42.21 -0.32 0.00	41.99 -0.18 0.00	32.14 0.06 0.00	27.96 -0.07 0.00	34.49 -0.05 0.00	41.34 0.35 0.00	40.29 0.42 0.00	37.53 0.25 0.00	46.90 0.36 0.00	42.91 0.73 0.00	39.24 0.92 0.00	40.37 0.72 0.00	35.63 0.53 0.00	35.38 0.44 0.00	33.79 0.35 0.00	32.12 0.52 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.96 1.52 0.00	29.43 1.29 0.00	31.71 1.34 0.00	32.26 1.32 0.00	30.98 1.28 0.00	37.42 1.62 0.00	44.00 1.83 0.00	46.52 1.87 0.00	44.63 2.09 0.00	44.51 2.33 0.00	34.31 2.05 -0.18	30.07 1.98 -0.05	37.39 2.41 -0.44	44.41 2.59 -0.82	42.44 2.51 -0.07	39.65 2.36 0.00	49.06 2.53 0.00	44.34 2.16 0.00	40.13 1.81 0.00	41.59 1.94 0.00	37.33 1.79 -0.43	36.76 1.82 0.00	35.26 1.83 0.00	33.14 1.53 0.00
BETHLEHEM___GRP 23843	29.45 0.02 0.00	28.19 0.05 0.00	30.38 0.01 0.00	30.86 -0.08 0.00	29.70 0.00 0.00	35.76 -0.04 0.00	42.11 -0.06 0.00	44.59 -0.05 0.00	42.49 -0.04 0.00	42.05 -0.12 0.00	31.85 -0.11 0.12	27.92 -0.08 0.04	34.00 -0.23 0.31	40.00 -0.41 0.58	39.43 -0.38 0.05	36.99 -0.29 0.00	46.06 -0.47 0.00	41.65 -0.53 0.00	37.72 -0.61 0.00	39.12 -0.54 0.00	34.69 -0.41 0.00	34.66 -0.28 0.00	33.25 -0.18 0.00	31.45 -0.15 0.00
BETHLEHEM___GS1 323560	29.45 0.02 0.00	28.19 0.05 0.00	30.38 0.01 0.00	30.86 -0.08 0.00	29.70 0.00 0.00	35.76 -0.04 0.00	42.10 -0.07 0.00	44.59 -0.05 0.00	42.49 -0.04 0.00	42.05 -0.12 0.00	31.85 -0.11 0.12	27.92 -0.08 0.04	34.00 -0.23 0.31	40.02 -0.39 0.58	39.44 -0.38 0.05	36.99 -0.29 0.00	46.07 -0.47 0.00	41.65 -0.52 0.00	37.72 -0.61 0.00	39.12 -0.54 0.00	34.69 -0.40 0.00	34.65 -0.28 0.00	33.25 -0.18 0.00	31.45 -0.15 0.00
BETHLEHEM___GS2 323561	29.45 0.02 0.00	28.19 0.05 0.00	30.38 0.01 0.00	30.86 -0.08 0.00	29.70 0.00 0.00	35.76 -0.04 0.00	42.10 -0.07 0.00	44.59 -0.05 0.00	42.49 -0.04 0.00	42.05 -0.12 0.00	31.85 -0.11 0.12	27.92 -0.08 0.04	34.00 -0.23 0.31	40.02 -0.39 0.58	39.44 -0.38 0.05	36.99 -0.29 0.00	46.07 -0.47 0.00	41.65 -0.52 0.00	37.72 -0.61 0.00	39.12 -0.54 0.00	34.69 -0.40 0.00	34.65 -0.28 0.00	33.25 -0.18 0.00	31.45 -0.15 0.00
BETHLEHEM___GS3 323562	29.45 0.02 0.00	28.19 0.05 0.00	30.38 0.01 0.00	30.86 -0.08 0.00	29.70 0.00 0.00	35.76 -0.04 0.00	42.10 -0.07 0.00	44.59 -0.05 0.00	42.49 -0.04 0.00	42.05 -0.12 0.00	31.85 -0.11 0.12	27.92 -0.08 0.04	34.00 -0.23 0.31	40.02 -0.39 0.58	39.44 -0.38 0.05	36.99 -0.29 0.00	46.07 -0.47 0.00	41.65 -0.52 0.00	37.72 -0.61 0.00	39.12 -0.54 0.00	34.69 -0.40 0.00	34.65 -0.28 0.00	33.25 -0.18 0.00	31.45 -0.15 0.00
BETHLEHEM___STEEL 23779	28.73 -0.70 0.00	27.64 -0.50 0.00	29.85 -0.52 0.00	30.55 -0.39 0.00	29.48 -0.23 0.00	35.57 -0.23 0.00	40.81 -1.36 0.00	43.14 -1.51 0.00	41.29 -1.24 0.00	41.32 -0.85 0.00	31.83 -0.25 0.00	27.52 -0.52 0.00	34.21 -0.32 0.00	40.99 0.00 0.00	39.90 0.04 0.00	37.03 -0.25 0.00	46.14 -0.40 0.00	42.22 0.05 0.00	38.59 0.27 0.00	39.49 -0.16 0.00	34.93 -0.17 0.00	34.76 -0.18 0.00	33.27 -0.16 0.00	32.01 0.40 0.00
BETHLHEM_115KV_TB1 79974	29.53 0.10 0.00	28.27 0.13 0.00	30.47 0.09 0.00	30.95 0.01 0.00	29.79 0.08 0.00	35.87 0.07 0.00	42.22 0.06 0.00	44.73 0.08 0.00	42.61 0.08 0.00	42.19 0.01 0.11	31.96 -0.01 0.03	28.01 0.01 0.29	34.14 -0.11 0.54	40.17 -0.27 0.04	39.56 -0.25 0.04	37.10 -0.18 0.00	46.21 -0.33 0.00	41.77 -0.40 0.00	37.83 -0.50 0.00	39.24 -0.41 0.00	34.80 -0.30 0.00	34.75 -0.19 0.00	33.35 -0.08 0.00	31.54 -0.06 0.00
BETHPAGE_CC_5 323564	30.60 1.17 0.00	29.06 0.92 0.00	31.28 0.91 0.00	31.83 0.89 0.00	30.56 0.85 0.00	36.85 1.06 0.00	43.26 1.09 0.00	45.87 1.23 0.00	43.88 1.35 0.00	43.88 1.71 0.00	33.83 1.58 -0.17	29.66 1.57 -0.05	36.92 1.94 -0.44	43.89 2.08 -0.82	41.73 1.80 -0.07	38.70 1.42 0.00	47.81 1.27 0.00	43.19 1.02 0.00	39.19 0.86 0.00	40.69 1.04 0.00	35.90 0.81 0.00	35.99 1.06 0.00	34.69 1.26 0.00	32.62 1.02 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.77 -0.65 0.00	27.68 -0.46 0.00	29.89 -0.49 0.00	30.58 -0.36 0.00	29.50 -0.20 0.00	35.62 -0.17 0.00	40.90 -1.27 0.00	43.24 -1.41 0.00	41.38 -1.15 0.00	41.42 -0.76 0.00	31.90 -0.18 0.00	27.59 -0.44 0.00	34.31 -0.23 0.00	41.10 0.11 0.00	40.02 0.15 0.00	37.15 -0.14 0.00	46.30 -0.23 0.00	42.36 0.19 0.00	38.71 0.38 0.00	39.60 -0.05 0.00	35.00 -0.10 0.00	34.84 -0.10 0.00	33.34 -0.09 0.00	32.06 0.46 0.00
BINGHAMTON___COGEN 23790	29.34 -0.10 0.00	28.13 -0.01 0.00	30.33 -0.05 0.00	30.94 0.00 0.00	29.74 0.03 0.00	35.94 0.14 0.00	42.16 -0.01 0.00	44.67 0.02 0.00	42.44 -0.09 0.00	42.05 -0.12 0.00	32.06 -0.01 0.00	28.03 0.00 0.00	34.62 0.08 0.00	41.13 0.14 0.00	40.04 0.18 0.00	37.38 0.10 0.00	46.77 0.24 0.00	42.63 0.46 0.00	38.74 0.42 0.00	40.03 0.37 0.00	35.43 0.33 0.00	35.28 0.34 0.00	33.70 0.27 0.00	31.88 0.27 0.00

BIXINCNT_115KV_LOAD 355685	28.80 -0.63 0.00	27.67 -0.47 0.00	29.88 -0.49 0.00	30.60 -0.34 0.00	29.41 -0.29 0.00	35.78 -0.02 0.00	41.39 -0.78 0.00	43.92 -0.73 0.00	41.95 -0.59 0.00	41.94 -0.23 0.00	32.26 0.18 0.00	28.01 -0.03 0.00	34.79 0.25 0.00	41.62 0.63 0.00	40.48 0.62 0.00	37.50 0.21 0.00	46.70 0.17 0.00	42.62 0.44 0.00	38.83 0.51 0.00	39.68 0.03 0.00	34.97 -0.13 0.00	34.85 -0.09 0.00	33.58 0.15 0.00	32.17 0.57 0.00
BLACK RIVER___HYD 24047	90.95 1.60 -59.92	29.76 1.45 -0.17	49.29 1.55 -17.36	32.52 1.58 0.00	31.23 1.53 0.00	37.83 2.03 0.00	45.17 2.66 -0.35	49.02 2.89 -1.48	44.35 1.82 0.00	43.02 0.85 0.00	32.39 0.31 0.00	28.29 0.26 0.00	34.87 0.33 0.00	41.34 0.35 0.00	40.24 0.38 0.00	37.65 0.36 0.00	47.35 0.81 0.00	43.80 1.63 0.00	83.06 2.55 -42.19	187.96 3.12 -145.19	52.97 2.79 -15.08	46.34 2.67 -8.73	35.73 2.30 0.00	33.58 1.97 0.00
BLACKRVR_115KV_TB2 79977	90.95 1.60 -59.92	29.76 1.45 -0.17	49.29 1.55 -17.36	32.52 1.58 0.00	31.23 1.53 0.00	37.83 2.03 0.00	45.17 2.65 -0.35	49.02 2.89 -1.48	44.35 1.81 0.00	43.02 0.85 0.00	32.39 0.32 0.00	28.29 0.26 0.00	34.87 0.33 0.00	41.35 0.36 0.00	40.24 0.38 0.00	37.65 0.36 0.00	47.35 0.81 0.00	43.80 1.63 0.00	83.07 2.55 -42.19	187.96 3.12 -145.19	52.97 2.79 -15.08	46.34 2.67 -8.73	35.73 2.30 0.00	33.58 1.97 0.00
BLDWN_LI_69_KV_BK4 356085	30.75 1.32 0.00	29.20 1.06 0.00	31.42 1.05 0.00	31.98 1.04 0.00	30.70 1.00 0.00	37.07 1.27 0.00	43.55 1.38 0.00	46.14 1.49 0.00	44.11 1.57 0.00	44.06 1.89 0.00	33.98 1.73 -0.17	29.79 1.71 -0.05	37.13 2.14 -0.44	44.16 2.34 -0.82	42.02 2.09 -0.07	38.99 1.70 0.00	48.19 1.65 0.00	43.62 1.44 0.00	39.55 1.23 0.00	41.07 1.41 0.00	36.23 1.13 0.00	36.32 1.39 0.00	34.95 1.51 0.00	32.82 1.22 0.00
BLISS_WT_PWR 323608	28.77 -0.66 0.00	27.65 -0.49 0.00	29.85 -0.53 0.00	30.56 -0.38 0.00	29.36 -0.34 0.00	35.77 -0.02 0.00	41.43 -0.74 0.00	43.96 -0.69 0.00	41.99 -0.55 0.00	41.99 -0.19 0.00	32.30 0.23 0.00	28.04 0.01 0.00	34.83 0.28 0.00	41.65 0.66 0.00	40.52 0.66 0.00	37.54 0.26 0.00	46.75 0.21 0.00	42.63 0.46 0.00	38.84 0.51 0.00	39.64 -0.01 0.00	34.90 -0.20 0.00	34.79 -0.15 0.00	33.56 0.13 0.00	32.16 0.56 0.00
BLUESTONE___WT_PWR 323821	30.46 1.03 0.00	29.19 1.05 0.00	31.46 1.08 0.00	32.05 1.11 0.00	30.83 1.12 0.00	37.31 1.51 0.00	43.96 1.79 0.00	46.26 1.62 0.00	43.75 1.21 0.00	43.23 1.05 0.00	33.00 0.92 0.00	28.80 0.76 0.00	35.57 1.03 0.00	42.16 1.17 0.00	41.10 1.24 0.00	38.43 1.14 0.00	48.29 1.76 0.00	44.26 2.09 0.00	40.50 2.17 0.00	41.96 2.31 0.00	37.11 2.01 0.00	36.63 1.69 0.00	34.82 1.39 0.00	32.82 1.22 0.00
BLUE_CIRC_CHEM_DRP 24182	29.85 0.42 0.00	28.61 0.47 0.00	30.86 0.48 0.00	31.39 0.45 0.00	30.18 0.48 0.00	36.35 0.55 0.00	42.80 0.63 0.00	45.30 0.65 0.00	42.99 0.46 0.00	42.47 0.30 0.00	32.13 0.11 0.06	28.05 0.03 0.02	34.30 -0.08 0.16	40.50 -0.19 0.30	39.66 -0.18 0.02	36.77 -0.51 0.00	45.70 -0.84 0.00	41.35 -0.82 0.00	37.53 -0.80 0.00	38.95 -0.70 0.00	34.54 -0.56 0.00	34.47 -0.47 0.00	33.07 -0.36 0.00	31.32 -0.28 0.00
BOC_GAS_DRP 24189	29.71 0.28 0.00	28.45 0.31 0.00	30.68 0.30 0.00	31.22 0.28 0.00	30.00 0.29 0.00	36.12 0.33 0.00	42.54 0.38 0.00	45.03 0.38 0.00	42.90 0.37 0.00	42.52 0.35 0.00	32.25 0.24 0.07	28.25 0.23 0.02	34.57 0.22 0.19	40.75 0.11 0.35	39.92 0.08 0.03	37.36 0.07 0.00	46.52 -0.02 0.00	42.06 -0.11 0.00	38.10 -0.22 0.00	39.50 -0.15 0.00	35.02 -0.08 0.00	34.96 0.02 0.00	33.55 0.12 0.00	31.74 0.14 0.00
BOONVILLE_115KV_TB1 79983	63.89 1.01 -33.45	29.17 0.93 -0.10	41.04 0.98 -9.69	31.96 1.02 0.00	30.70 1.00 0.00	37.08 1.28 0.00	44.02 1.65 -0.19	47.25 1.78 -0.83	43.77 1.24 0.00	42.99 0.82 0.00	32.57 0.49 0.00	28.49 0.46 0.00	35.08 0.54 0.00	41.65 0.65 0.00	40.58 0.72 0.00	37.98 0.70 0.00	47.61 1.06 0.00	43.64 1.46 0.00	63.61 1.73 -23.55	122.58 1.88 -81.05	45.18 1.66 -8.42	41.38 1.57 -4.88	34.81 1.38 0.00	32.78 1.17 0.00
BORALEX_4TH_BRANCH 23824	30.61 1.19 0.00	29.18 1.04 0.00	31.57 1.19 0.00	32.11 1.17 0.00	30.89 1.19 0.00	37.14 1.34 0.00	43.83 1.67 0.00	46.34 1.70 0.00	43.98 1.45 0.00	43.45 1.27 0.00	32.41 0.70 0.37	28.57 0.64 0.10	34.39 0.80 0.95	40.07 0.85 1.78	40.47 0.75 0.14	38.15 0.87 0.00	47.54 1.00 0.00	42.89 0.72 0.00	38.76 0.43 0.00	40.29 0.64 0.00	35.80 0.70 0.00	35.84 0.90 0.00	34.50 1.07 0.00	32.73 1.13 0.00
BOWLINE___1 23526	30.25 0.82 0.00	28.84 0.70 0.00	31.09 0.72 0.00	31.66 0.72 0.00	30.39 0.69 0.00	36.76 0.96 0.00	43.25 1.08 0.00	45.75 1.11 0.00	43.68 1.14 0.00	43.48 1.31 0.00	33.35 1.12 -0.15	29.24 1.16 -0.05	36.39 1.45 -0.40	43.24 1.50 -0.75	41.37 1.45 -0.06	38.59 1.31 0.00	48.00 1.46 0.00	43.40 1.23 0.00	39.29 0.96 0.00	40.71 1.06 0.00	35.98 0.88 0.00	35.88 0.94 0.00	34.45 1.02 0.00	32.42 0.82 0.00
BOWLINE___2 23595	30.24 0.82 0.00	28.83 0.69 0.00	31.08 0.71 0.00	31.65 0.71 0.00	30.38 0.68 0.00	36.75 0.95 0.00	43.23 1.06 0.00	45.75 1.10 0.00	43.66 1.13 0.00	43.46 1.29 0.00	33.34 1.10 -0.15	29.22 1.14 -0.05	36.38 1.44 -0.40	43.22 1.48 -0.75	41.36 1.44 -0.06	38.58 1.29 0.00	47.98 1.44 0.00	43.37 1.19 0.00	39.27 0.95 0.00	40.70 1.05 0.00	35.96 0.86 0.00	35.87 0.93 0.00	34.44 1.00 0.00	32.41 0.81 0.00
BRADY___115KV_TB2 356060	330.85 0.90 -300.52	29.73 0.73 -0.87	118.36 0.91 -87.07	31.83 0.89 0.00	30.48 0.78 0.00	36.69 0.90 0.00	45.24 1.32 -1.75	53.53 1.47 -7.41	43.57 1.03 0.00	42.91 0.74 0.00	32.58 0.50 0.00	28.38 0.34 0.00	34.93 0.39 0.00	41.63 0.64 0.00	40.43 0.57 0.00	37.81 0.53 0.00	47.22 0.68 0.00	42.79 0.60 -0.02	250.84 0.92 -211.59	769.01 1.13 -728.23	111.91 1.19 -75.61	79.81 1.07 -43.80	34.24 0.80 -0.01	32.35 0.75 0.00
BRANSCOMB___SOLAR 323811	30.75 1.32 0.00	29.29 1.15 0.00	31.66 1.29 0.00	32.22 1.28 0.00	30.99 1.29 0.00	37.44 1.64 0.00	44.14 1.97 0.00	46.69 2.05 0.00	44.17 1.64 0.00	43.49 1.32 0.00	32.58 0.69 0.19	28.55 0.57 0.05	34.80 0.75 0.49	40.91 0.83 0.90	40.63 0.85 0.07	38.30 1.01 0.00	47.99 1.45 0.00	43.64 1.46 0.00	39.75 1.43 0.00	41.27 1.62 0.00	36.61 1.52 0.00	36.44 1.51 0.00	35.00 1.57 0.00	32.90 1.30 0.00
BRDGHMPT_69_KV_BK1 55812	30.81 1.38 0.00	29.20 1.07 0.00	31.48 1.11 0.00	32.03 1.09 0.00	30.70 1.00 0.00	37.12 1.32 0.00	43.55 1.37 0.00	46.16 1.51 0.00	44.05 1.52 0.00	43.80 1.63 0.00	33.62 1.37 -0.17	5.92 1.36 23.47	34.98 1.85 1.42	36.98 2.11 6.13	29.44 1.77 12.19	38.76 1.49 0.01	47.84 1.30 0.00	43.30 1.12 0.00	39.40 1.07 0.00	41.07 1.41 0.00	36.03 0.93 0.00	35.91 0.98 0.00	34.50 1.07 0.00	32.28 0.68 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	30.94 1.51 0.00	29.35 1.21 0.00	31.57 1.19 0.00	32.12 1.17 0.00	30.83 1.13 0.00	37.26 1.47 0.00	43.74 1.57 0.00	46.38 1.73 0.00	44.40 1.87 0.00	44.33 2.16 0.00	34.17 1.92 -0.17	29.89 1.81 -0.05	37.42 2.44 -0.44	44.60 2.78 -0.82	42.34 2.42 -0.07	39.23 1.95 0.00	48.47 1.94 0.00	43.79 1.62 0.00	39.73 1.40 0.00	41.22 1.57 0.00	36.33 1.23 0.00	36.43 1.50 0.00	35.07 1.63 0.00	32.91 1.30 0.00
BRISTLHL_115KV_TB1 79998	36.66 -0.42 -7.66	27.78 -0.39 -0.02	32.15 -0.45 -2.22	30.51 -0.43 0.00	29.33 -0.38 0.00	35.42 -0.38 0.00	41.69 -0.52 -0.04	44.29 -0.55 -0.19	41.89 -0.64 0.00	41.45 -0.73 0.00	31.53 -0.55 0.00	27.57 -0.47 0.00	33.98 -0.56 0.00	40.37 -0.62 0.00	39.24 -0.62 0.00	36.69 -0.59 0.00	45.86 -0.68 0.00	41.78 -0.40 0.00	43.45 -0.26 -5.39	57.94 -0.27 -18.55	36.76 -0.27 -1.93	35.78 -0.28 -1.12	33.15 -0.28 0.00	31.36 -0.25 0.00
BROOKHAVEN___DRP 24191	30.41 0.98 0.00	28.84 0.70 0.00	31.01 0.63 0.00	31.53 0.59 0.00	30.26 0.56 0.00	36.59 0.79 0.00	42.98 0.82 0.00	45.56 0.91 0.00	43.58 1.04 0.00	43.44 1.27 0.00	33.41 1.16 -0.17	5.81 1.29 23.51	34.82 1.70 1.42	36.78 1.93 6.14	29.25 1.61 12.21	38.47 1.20 0.01	47.53 0.99 0.00	42.95 0.77 0.00	39.09 0.76 0.00	40.68 1.03 0.00	35.83 0.73 0.00	35.92 0.98 0.00	34.54 1.11 0.00	32.38 0.77 0.00
BROOKLYN_NAVY_YARD 23515	30.58 1.15 0.00	29.09 0.95 0.00	31.33 0.95 0.00	31.87 0.92 0.00	30.58 0.88 0.00	36.96 1.16 0.00	43.49 1.32 0.00	45.96 1.31 0.00	43.99 1.46 0.00	43.84 1.67 0.01	33.72 1.48 -0.17	29.57 1.48 -0.05	36.81 1.84 -0.43	43.71 1.90 -0.82	41.78 1.86 -0.06	39.00 1.71 0.00	48.33 1.79 0.00	43.63 1.46 0.00	39.48 1.16 0.00	40.94 1.29 0.00	36.25 1.15 0.00	36.13 1.19 0.00	34.69 1.25 0.00	32.62 1.01 0.00
BROOKLYN___ARMY_DRP 323595	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
BROOME_2_LFGE 323671	29.33 -0.10 0.00	28.13 -0.01 0.00	30.33 -0.05 0.00	30.94 0.00 0.00	29.74 0.04 0.00	35.94 0.14 0.00	42.15 -0.02 0.00	44.67 0.02 0.00	42.44 -0.09 0.00	42.05 -0.12 0.00	32.06 -0.01 0.00	28.03 0.00 0.00	34.62 0.08 0.00	41.13 0.14 0.00	40.04 0.18 0.00	37.38 0.10 0.00	46.77 0.23 0.00	42.63 0.46 0.00	38.74 0.42 0.00	40.02 0.36 0.00	35.43 0.33 0.00	35.28 0.34 0.00	33.70 0.27 0.00	31.88 0.28 0.00
BROOME___LFGE 323600	29.33 -0.10 0.00	28.13 -0.01 0.00	30.33 -0.05 0.00	30.94 0.00 0.00	29.74 0.04 0.00	35.94 0.14 0.00	42.15 -0.02 0.00	44.67 0.02 0.00	42.44 -0.09 0.00	42.05 -0.12 0.00	32.06 -0.01 0.00	28.03 0.00 0.00	34.62 0.08 0.00	41.13 0.14 0.00	40.04 0.18 0.00	37.38 0.10 0.00	46.77 0.23 0.00	42.63 0.46 0.00	38.74 0.42 0.00	40.02 0.36 0.00	35.43 0.33 0.00	35.28 0.34 0.00	33.70 0.27 0.00	31.88 0.28 0.00
BROWNFLS_115KV_TB 3_5 80003	186.95 1.10 -156.41	29.53 0.94 -0.45	76.77 1.07 -45.32	32.01 1.07 0.00	30.70 1.00 0.00	37.05 1.25 0.00	44.81 1.73 -0.91	50.40 1.90 -3.86	43.81 1.27 0.00	42.92 0.74 0.00	32.47 0.39 0.00	28.34 0.31 0.00	34.89 0.35 0.00	41.48 0.49 0.00	40.29 0.43 0.00	37.70 0.41 0.00	47.23 0.68 0.00	43.19 1.01 -0.01	149.95 1.50 -110.13	420.43 1.75 -379.03	76.09 1.64 -39.36	59.30 1.56 -22.80	34.72 1.28 0.00	32.73 1.12 0.00
BROWNSV1_27_KV_LOAD 356125	30.90 1.47 0.00	29.40 1.26 0.00	31.66 1.29 0.00	32.20 1.26 0.00	30.91 1.21 0.00	37.38 1.58 0.00	44.00 1.83 0.00	46.56 1.91 0.00	44.55 2.02 0.00	44.43 2.25 0.00	34.17 1.92 -0.17	29.95 1.87 -0.05	37.29 2.30 -0.44	44.30 2.49 -0.82	42.34 2.42 -0.07	39.52 2.24 0.00	48.98 2.44 0.00	44.24 2.07 0.00	40.02 1.69 0.00	41.48 1.83 0.00	36.72 1.62 0.00	36.59 1.65 0.00	35.11 1.68 0.00	33.00 1.40 0.00
BURROWS___LYONSDAL 23803	74.44 1.09 -43.93	29.26 0.99 -0.13	44.15 1.05 -12.73	32.02 1.08 0.00	30.77 1.06 0.00	37.17 1.37 0.00	44.20 1.77 -0.25	47.64 1.91 -1.08	43.83 1.29 0.00	42.96 0.79 0.00	32.54 0.46 0.00	28.45 0.42 0.00	35.03 0.49 0.00	41.60 0.61 0.00	40.52 0.66 0.00	37.92 0.64 0.00	47.55 1.01 0.00	43.64 1.46 0.00	71.06 1.80 -30.93	148.11 2.01 -106.45	47.93 1.78 -11.05	43.02 1.68 -6.40	34.91 1.48 0.00	32.86 1.26 0.00
CAITHNESS_CC_1 323624	30.41 0.98 0.00	28.83 0.69 0.00	31.00 0.62 0.00	31.53 0.59 0.00	30.26 0.56 0.00	36.58 0.78 0.00	42.96 0.79 0.00	45.56 0.91 0.00	43.57 1.04 0.00	43.45 1.28 0.00	33.42 1.17 -0.17	5.81 1.29 23.52	34.83 1.71 1.42	36.79 1.94 6.14	29.27 1.63 12.21	38.47 1.20 0.01	47.53 0.99 0.00	42.94 0.77 0.00	39.07 0.74 0.00	40.66 1.01 0.00	35.82 0.72 0.00	35.92 0.98 0.00	34.54 1.11 0.00	32.39 0.78 0.00
CALPINE BETH_PAGE_GT4 24209	30.63 1.20 0.00	29.09 0.95 0.00	31.30 0.92 0.00	31.86 0.92 0.00	30.58 0.88 0.00	36.91 1.11 0.00	43.33 1.16 0.00	45.94 1.29 0.00	43.95 1.42 0.00	43.93 1.75 0.00	33.86 1.61 -0.17	29.68 1.60 -0.05	36.94 1.96 -0.44	43.83 2.01 -0.82	41.68 1.76 -0.07	38.66 1.38 0.00	47.77 1.23 0.00	43.16 0.99 0.00	39.15 0.82 0.00	40.66 1.00 0.00	35.87 0.77 0.00	35.97 1.03 0.00	34.72 1.29 0.00	32.63 1.03 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.63 1.20 0.00	29.08 0.94 0.00	31.30 0.92 0.00	31.86 0.92 0.00	30.59 0.88 0.00	36.91 1.11 0.00	43.33 1.16 0.00	45.95 1.30 0.00	43.95 1.42 0.00	43.93 1.75 0.00	33.86 1.61 -0.17	29.68 1.59 -0.05	36.94 1.96 -0.44	43.83 2.02 -0.82	41.68 1.76 -0.07	38.67 1.38 0.00	47.77 1.23 0.00	43.16 0.99 0.00	39.15 0.82 0.00	40.65 1.00 0.00	35.87 0.77 0.00	35.97 1.03 0.00	34.72 1.28 0.00	32.63 1.03 0.00
CALPINE_BP_GT1 23823	30.63 1.20 0.00	29.08 0.94 0.00	31.30 0.92 0.00	31.86 0.92 0.00	30.59 0.88 0.00	36.91 1.11 0.00	43.33 1.16 0.00	45.95 1.30 0.00	43.95 1.42 0.00	43.93 1.75 0.00	33.86 1.61 -0.17	29.68 1.59 -0.05	36.94 1.96 -0.44	43.83 2.02 -0.82	41.68 1.76 -0.07	38.67 1.38 0.00	47.77 1.23 0.00	43.16 0.99 0.00	39.15 0.82 0.00	40.65 1.00 0.00	35.87 0.77 0.00	35.97 1.03 0.00	34.72 1.28 0.00	32.63 1.03 0.00
CALSPAN___DRP 24200	28.73 -0.70 0.00	27.64 -0.50 0.00	29.85 -0.52 0.00	30.55 -0.39 0.00	29.48 -0.23 0.00	35.57 -0.23 0.00	40.81 -1.36 0.00	43.14 -1.51 0.00	41.29 -1.24 0.00	41.32 -0.85 0.00	31.83 -0.25 0.00	27.52 -0.52 0.00	34.21 -0.32 0.00	40.99 0.00 0.00	39.90 0.04 0.00	37.03 -0.25 0.00	46.14 -0.40 0.00	42.22 0.05 0.00	38.59 0.27 0.00	39.49 -0.16 0.00	34.93 -0.17 0.00	34.76 -0.18 0.00	33.27 -0.16 0.00	32.01 0.40 0.00

CALVERTON___SOLAR 323806	30.45 1.02 0.00	28.87 0.73 0.00	31.04 0.66 0.00	31.57 0.63 0.00	30.29 0.59 0.00	36.63 0.83 0.00	43.03 0.86 0.00	45.63 0.98 0.00	43.62 1.09 0.00	43.47 1.29 0.00	33.41 1.16 -0.17	6.93 1.27 22.37	34.92 1.71 1.33	37.13 1.94 5.81	29.86 1.62 11.62	38.48 1.21 0.01	47.56 1.02 0.00	42.99 0.81 0.00	39.14 0.81 0.00	40.73 1.08 0.00	35.86 0.76 0.00	35.93 0.99 0.00	34.54 1.10 0.00	32.37 0.77 0.00
CANDIGU_WT_PWR 323617	28.78 -0.65 0.00	27.69 -0.45 0.00	29.94 -0.44 0.00	30.65 -0.29 0.00	29.55 -0.15 0.00	35.75 -0.05 0.00	41.63 -0.54 0.00	44.08 -0.57 0.00	41.64 -0.89 0.00	41.11 -1.07 0.00	31.49 -0.59 0.00	27.39 -0.64 0.00	33.93 -0.61 0.00	40.46 -0.53 0.00	39.40 -0.46 0.00	36.67 -0.62 0.00	45.88 -0.65 0.00	42.11 -0.06 0.00	38.57 0.25 0.00	39.78 0.13 0.00	35.23 0.13 0.00	35.08 0.14 0.00	33.44 0.00 0.00	31.87 0.27 0.00
CARR STREET_E_SYR 24060	35.84 -0.20 -6.62	27.98 -0.18 -0.02	32.08 -0.21 -1.92	30.75 -0.20 0.00	29.56 -0.14 0.00	35.71 -0.09 0.00	42.01 -0.20 -0.04	44.59 -0.22 -0.16	42.19 -0.34 0.00	41.79 -0.38 0.00	31.85 -0.23 0.00	27.83 -0.20 0.00	34.34 -0.21 0.00	40.83 -0.17 0.00	39.73 -0.13 0.00	37.04 -0.24 0.00	46.20 -0.34 0.00	42.11 -0.06 0.00	43.01 0.02 -4.66	55.66 -0.03 -16.03	36.69 -0.07 -1.66	35.81 -0.10 -0.96	33.36 -0.07 0.00	31.54 -0.06 0.00
CARTHAGE___PAPER 23857	101.38 1.61 -70.34	29.79 1.45 -0.20	52.32 1.56 -20.38	32.52 1.58 0.00	31.23 1.52 0.00	37.79 1.99 0.00	45.19 2.61 -0.41	49.23 2.85 -1.74	44.38 1.84 0.00	43.11 0.94 0.00	32.48 0.40 0.00	28.36 0.32 0.00	34.94 0.40 0.00	41.46 0.47 0.00	40.35 0.49 0.00	37.75 0.47 0.00	47.47 0.93 0.00	43.82 1.64 0.00	90.33 2.48 -49.53	213.07 2.96 -170.45	55.46 2.66 -17.70	47.73 2.54 -10.25	35.62 2.19 0.00	33.49 1.89 0.00
CASSADAGA_WT_PWR 323784	28.64 -0.79 0.00	27.47 -0.67 0.00	29.48 -0.89 0.00	30.18 -0.76 0.00	29.32 -0.39 0.00	35.68 -0.12 0.00	41.36 -0.82 0.00	43.99 -0.66 0.00	42.14 -0.39 0.00	42.28 0.10 0.00	32.56 0.48 0.00	28.30 0.26 0.00	35.15 0.61 0.00	41.99 1.00 0.00	40.81 0.95 0.00	37.81 0.53 0.00	47.17 0.63 0.00	43.15 0.98 0.00	39.36 1.03 0.00	40.14 0.49 0.00	35.35 0.25 0.00	35.18 0.24 0.00	33.54 0.11 0.00	32.09 0.49 0.00
CE_DUNWOOD___DRP 24194	30.50 1.07 0.00	29.06 0.92 0.00	31.31 0.93 0.00	31.86 0.91 0.00	30.59 0.88 0.00	36.97 1.17 0.00	43.52 1.36 0.00	46.05 1.40 0.00	44.02 1.49 0.00	43.84 1.67 0.00	33.67 1.42 -0.17	29.51 1.43 -0.05	36.74 1.77 -0.44	43.67 1.85 -0.82	41.71 1.78 -0.07	38.90 1.62 0.00	48.31 1.77 0.00	43.63 1.45 0.00	39.49 1.17 0.00	40.96 1.31 0.00	36.23 1.13 0.00	36.12 1.18 0.00	34.67 1.23 0.00	32.62 1.03 0.00
CE_MILLWOOD___DRP 24193	30.45 1.02 0.00	29.01 0.87 0.00	31.26 0.89 0.00	31.81 0.87 0.00	30.55 0.85 0.00	36.92 1.12 0.00	43.46 1.29 0.00	45.99 1.34 0.00	43.95 1.41 0.00	43.76 1.59 0.00	33.60 1.35 -0.17	29.45 1.36 -0.05	36.67 1.69 -0.44	43.57 1.76 -0.82	41.62 1.70 -0.07	38.82 1.54 0.00	48.22 1.68 0.00	43.56 1.39 0.00	39.45 1.12 0.00	40.89 1.24 0.00	36.17 1.07 0.00	36.06 1.12 0.00	34.60 1.18 0.00	32.58 0.98 0.00
CE_NYC2_DRP 24202	30.66 1.23 0.00	29.16 1.02 0.00	31.43 1.06 0.00	31.97 1.03 0.00	30.70 1.00 0.00	37.08 1.27 0.00	43.62 1.45 0.00	46.12 1.47 0.00	44.21 1.67 0.00	44.05 1.87 0.00	33.91 1.66 -0.17	29.72 1.64 -0.05	36.99 2.01 -0.44	43.95 2.13 -0.82	41.97 2.05 -0.07	39.18 1.90 0.00	48.52 1.98 0.00	43.82 1.64 0.00	39.67 1.34 0.00	41.11 1.46 0.00	36.44 1.34 0.00	36.31 1.37 0.00	34.85 1.42 0.00	32.77 1.16 0.00
CE_NYC_DRP 24195	30.66 1.23 0.00	29.17 1.04 0.00	31.43 1.06 0.00	31.97 1.03 0.00	30.70 1.00 0.00	37.10 1.31 0.00	43.65 1.48 0.00	46.16 1.51 0.00	44.19 1.66 0.00	44.06 1.89 0.00	33.89 1.64 -0.17	29.71 1.63 -0.05	36.99 2.01 -0.44	43.94 2.12 -0.82	41.99 2.06 -0.07	39.18 1.90 0.00	48.56 2.03 0.00	43.86 1.69 0.00	39.68 1.36 0.00	41.14 1.49 0.00	36.41 1.31 0.00	36.29 1.35 0.00	34.82 1.39 0.00	32.75 1.14 0.00
CHAFFEE___LFGE 323603	28.82 -0.61 0.00	27.72 -0.41 0.00	29.94 -0.44 0.00	30.63 -0.31 0.00	29.54 -0.16 0.00	35.67 -0.13 0.00	40.98 -1.19 0.00	43.33 -1.32 0.00	41.47 -1.06 0.00	41.46 -0.72 0.00	31.91 -0.16 0.00	27.59 -0.44 0.00	34.31 -0.23 0.00	41.07 0.08 0.00	40.02 0.16 0.00	37.17 -0.12 0.00	46.34 -0.20 0.00	42.41 0.24 0.00	38.77 0.45 0.00	39.68 0.03 0.00	35.09 -0.01 0.00	34.91 -0.03 0.00	33.39 -0.04 0.00	32.09 0.49 0.00
CHATEAUG_35_KV_LOAD 355732	64.73 1.16 -34.14	29.15 0.92 -0.10	41.28 1.02 -9.89	31.88 0.94 0.00	30.62 0.92 0.00	36.94 1.15 0.00	44.01 1.64 -0.20	47.18 1.68 -0.84	43.83 1.30 0.00	43.27 1.10 0.00	32.79 0.71 0.00	28.63 0.60 0.00	35.31 0.77 0.00	42.02 1.03 0.00	40.88 1.02 0.00	38.34 1.06 0.00	47.89 1.35 0.00	43.36 1.18 0.00	63.61 1.25 -24.04	123.78 1.39 -82.74	45.00 1.31 -8.59	40.92 1.00 -4.98	34.12 0.69 0.00	32.27 0.67 0.00
CHATEAUG_WT_PWR 323614	43.83 1.13 -13.27	29.07 0.89 -0.04	35.21 0.99 -3.84	31.86 0.91 0.00	30.61 0.91 0.00	36.93 1.13 0.00	43.83 1.58 -0.08	46.62 1.65 -0.33	43.82 1.29 0.00	43.30 1.13 0.00	32.83 0.75 0.00	28.69 0.66 0.00	35.38 0.84 0.00	42.09 1.10 0.00	40.96 1.10 0.00	38.42 1.14 0.00	48.00 1.46 0.00	43.41 1.24 0.00	48.89 1.22 -9.34	73.12 1.32 -32.15	39.69 1.25 -3.34	37.81 0.94 -1.93	34.09 0.66 0.00	32.23 0.62 0.00
CHAT_HIGH_FALL_HYD 323578	64.73 1.16 -34.14	29.15 0.92 -0.10	41.28 1.02 -9.89	31.88 0.94 0.00	30.62 0.92 0.00	36.94 1.15 0.00	44.01 1.64 -0.20	47.18 1.68 -0.84	43.83 1.30 0.00	43.27 1.10 0.00	32.79 0.71 0.00	28.63 0.60 0.00	35.31 0.77 0.00	42.02 1.03 0.00	40.88 1.02 0.00	38.34 1.06 0.00	47.89 1.35 0.00	43.36 1.18 0.00	63.61 1.25 -24.04	123.78 1.39 -82.74	45.00 1.31 -8.59	40.92 1.00 -4.98	34.12 0.69 0.00	32.27 0.67 0.00
CHAUTAUQUA___LFGE 323629	28.59 -0.84 0.00	27.48 -0.66 0.00	29.60 -0.78 0.00	30.30 -0.64 0.00	29.32 -0.38 0.00	35.56 -0.24 0.00	41.07 -1.10 0.00	43.63 -1.02 0.00	41.69 -0.84 0.00	41.62 -0.55 0.00	32.05 -0.03 0.00	27.80 -0.24 0.00	34.54 0.00 0.00	41.28 0.29 0.00	40.18 0.32 0.00	37.27 -0.01 0.00	46.60 0.07 0.00	42.69 0.52 0.00	38.94 0.62 0.00	39.84 0.19 0.00	35.17 0.07 0.00	35.02 0.08 0.00	33.38 -0.05 0.00	32.00 0.40 0.00
CHERRYST_13_KV_LD 356241	30.74 1.31 0.00	29.26 1.11 0.00	31.51 1.13 0.00	32.05 1.11 0.00	30.78 1.08 0.00	37.21 1.41 0.00	43.79 1.62 0.00	46.33 1.68 0.00	44.36 1.83 0.00	44.23 2.06 0.00	34.02 1.78 -0.17	29.84 1.75 -0.05	37.14 2.17 -0.44	44.13 2.31 -0.82	42.17 2.25 -0.07	39.35 2.06 0.00	48.77 2.23 0.00	44.03 1.86 0.00	39.83 1.50 0.00	41.27 1.62 0.00	36.53 1.43 0.00	36.39 1.45 0.00	34.92 1.48 0.00	32.83 1.23 0.00

CHESTROR_138KV_BK263 355645	30.13 0.70 0.00	28.75 0.61 0.00	31.00 0.63 0.00	31.57 0.62 0.00	30.30 0.60 0.00	36.62 0.82 0.00	43.10 0.93 0.00	45.61 0.97 0.00	43.55 1.01 0.00	43.32 1.15 0.00	33.17 0.96 -0.14	29.06 0.99 -0.04	36.14 1.24 -0.36	42.97 1.29 -0.68	41.16 1.25 -0.05	38.41 1.13 0.00	47.84 1.31 0.00	43.26 1.09 0.00	39.19 0.86 0.00	40.58 0.92 0.00	35.87 0.77 0.00	35.76 0.82 0.00	34.31 0.87 0.00	32.31 0.71 0.00
CH_MIDHUDSON___DRP 24192	30.42 0.99 0.00	29.01 0.87 0.00	31.27 0.90 0.00	31.82 0.87 0.00	30.56 0.85 0.00	36.88 1.08 0.00	43.48 1.31 0.00	46.04 1.40 0.00	43.97 1.44 0.00	43.71 1.54 0.00	33.42 1.24 -0.11	29.32 1.25 -0.03	36.37 1.55 -0.28	43.13 1.61 -0.53	41.44 1.54 -0.04	38.74 1.46 0.00	48.20 1.66 0.00	43.56 1.39 0.00	39.47 1.15 0.00	40.92 1.27 0.00	36.20 1.10 0.00	36.06 1.13 0.00	34.60 1.17 0.00	32.59 0.99 0.00
CH_MISC_IPPS 23765	30.56 1.13 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.68 0.97 0.00	37.05 1.26 0.00	43.68 1.51 0.00	46.26 1.62 0.00	44.19 1.65 0.00	43.92 1.75 0.00	33.61 1.40 -0.13	29.47 1.40 -0.04	36.62 1.75 -0.33	43.47 1.87 -0.61	41.73 1.82 -0.05	39.00 1.72 0.00	48.55 2.01 0.00	43.89 1.72 0.00	39.79 1.46 0.00	41.23 1.58 0.00	36.45 1.36 0.00	36.31 1.37 0.00	34.80 1.37 0.00	32.77 1.17 0.00
CH_RES_BVR_FALLS 23983	21.52 0.05 7.96	28.14 0.03 0.02	28.13 0.05 2.31	30.99 0.05 0.00	29.69 -0.01 0.00	35.74 -0.06 0.00	42.15 0.03 0.05	44.48 0.03 0.20	42.55 0.02 0.00	42.26 0.08 0.00	32.13 0.05 0.00	28.03 0.00 0.00	34.53 -0.01 0.00	41.04 0.05 0.00	39.92 0.06 0.00	37.36 0.08 0.00	46.64 0.10 0.00	42.21 0.03 0.00	32.77 0.05 5.60	20.37 0.00 19.28	33.15 0.05 2.00	33.80 0.02 1.16	33.38 -0.05 0.00	31.49 -0.11 0.00
CH_RES_NIAGARA 23895	28.28 -1.15 0.00	27.23 -0.91 0.00	29.44 -0.94 0.00	30.13 -0.81 0.00	29.06 -0.64 0.00	34.99 -0.81 0.00	39.89 -2.28 0.00	42.03 -2.62 0.00	40.35 -2.18 0.00	40.51 -1.66 0.00	31.22 -0.86 0.00	26.91 -1.13 0.00	33.45 -1.09 0.00	40.11 -0.88 0.00	39.04 -0.82 0.00	36.17 -1.11 0.00	44.72 -1.82 0.00	40.85 -1.33 0.00	37.42 -0.90 0.00	38.25 -1.40 0.00	33.84 -1.26 0.00	33.73 -1.21 0.00	32.50 -0.93 0.00	31.48 -0.12 0.00
CH_RES_SYRACUSE 23985	34.97 -0.09 -5.63	28.08 -0.07 -0.02	31.90 -0.10 -1.63	30.86 -0.07 0.00	29.68 -0.02 0.00	35.83 0.03 0.00	42.11 -0.09 -0.03	44.68 -0.10 -0.13	42.13 -0.40 0.00	41.64 -0.53 0.00	31.72 -0.36 0.00	27.72 -0.31 0.00	34.19 -0.34 0.00	40.66 -0.33 0.00	39.60 -0.26 0.00	37.02 -0.27 0.00	46.30 -0.24 0.00	42.38 0.21 0.00	42.65 0.36 -3.96	53.62 0.33 -13.64	36.77 0.25 -1.42	35.97 0.21 -0.82	33.60 0.17 0.00	31.76 0.16 0.00
CLINTON_WT_PWR 323605	43.83 1.13 -13.27	29.07 0.89 -0.04	35.21 0.99 -3.84	31.86 0.91 0.00	30.61 0.91 0.00	36.93 1.13 0.00	43.83 1.58 -0.08	46.62 1.65 -0.33	43.82 1.29 0.00	43.30 1.13 0.00	32.83 0.75 0.00	28.69 0.66 0.00	35.38 0.84 0.00	42.09 1.10 0.00	40.96 1.10 0.00	38.42 1.14 0.00	48.00 1.46 0.00	43.41 1.24 0.00	48.89 1.22 -9.34	73.12 1.32 -32.15	39.69 1.25 -3.34	37.81 0.94 -1.93	34.09 0.66 0.00	32.23 0.62 0.00
CLINTON___LFGE 323618	51.80 1.82 -20.55	29.66 1.46 -0.06	37.94 1.61 -5.96	32.47 1.53 0.00	31.23 1.53 0.00	37.73 1.93 0.00	44.89 2.60 -0.12	47.84 2.68 -0.51	44.57 2.04 0.00	43.93 1.76 0.00	33.24 1.15 0.00	29.08 1.05 0.00	35.89 1.35 0.00	42.66 1.67 0.00	41.54 1.68 0.00	39.04 1.76 0.00	48.82 2.28 0.00	44.22 2.04 0.00	54.85 2.05 -14.47	91.78 2.32 -49.81	42.42 2.16 -5.17	39.68 1.74 -3.00	34.80 1.37 0.00	32.84 1.24 0.00
COBBLENY_34_KV_TB1 80064	28.82 -0.61 0.00	27.72 -0.42 0.00	29.94 -0.44 0.00	30.63 -0.31 0.00	29.54 -0.16 0.00	35.67 -0.13 0.00	40.97 -1.20 0.00	43.33 -1.32 0.00	41.47 -1.07 0.00	41.45 -0.72 0.00	31.91 -0.16 0.00	27.59 -0.44 0.00	34.31 -0.23 0.00	41.10 0.11 0.00	40.02 0.16 0.00	37.17 -0.12 0.00	46.34 -0.20 0.00	42.41 0.24 0.00	38.77 0.45 0.00	39.69 0.04 0.00	35.09 -0.01 0.00	34.91 -0.03 0.00	33.40 -0.04 0.00	32.09 0.49 0.00
COFFEEN___115KV_TB3 355620	89.27 1.77 -58.07	29.91 1.61 -0.17	48.91 1.71 -16.82	32.68 1.74 0.00	31.39 1.68 0.00	38.03 2.24 0.00	45.42 2.91 -0.34	49.25 3.17 -1.43	44.54 2.00 0.00	43.11 0.94 0.00	32.42 0.34 0.00	28.31 0.27 0.00	34.89 0.35 0.00	41.34 0.35 0.00	40.25 0.39 0.00	37.65 0.37 0.00	47.40 0.85 0.00	43.93 1.75 0.00	82.02 2.81 -40.89	183.83 3.45 -140.72	52.81 3.10 -14.61	46.36 2.95 -8.46	35.99 2.55 0.00	33.78 2.18 0.00
COLDSPRG_115KV_BK1 355956	29.04 -0.39 0.00	27.87 -0.27 0.00	30.01 -0.37 0.00	30.75 -0.19 0.00	29.73 0.03 0.00	36.11 0.31 0.00	41.88 -0.29 0.00	44.59 -0.05 0.00	42.60 0.06 0.00	42.69 0.52 0.00	32.84 0.76 0.00	28.59 0.56 0.00	35.49 0.95 0.00	42.41 1.42 0.00	41.14 1.28 0.00	38.05 0.76 0.00	47.40 0.86 0.00	43.32 1.14 0.00	39.51 1.19 0.00	40.45 0.79 0.00	35.65 0.55 0.00	35.53 0.60 0.00	34.06 0.62 0.00	32.51 0.91 0.00
COLONIE_LFGE___ 323577	30.27 0.84 0.00	28.89 0.75 0.00	31.20 0.82 0.00	31.75 0.81 0.00	30.53 0.83 0.00	36.80 1.00 0.00	43.37 1.20 0.00	45.88 1.23 0.00	43.58 1.05 0.00	43.08 0.91 0.00	32.39 0.52 0.21	28.46 0.49 0.06	34.58 0.60 0.55	40.57 0.60 1.03	40.35 0.57 0.08	37.94 0.66 0.00	47.34 0.80 0.00	42.84 0.67 0.00	38.83 0.50 0.00	40.30 0.65 0.00	35.77 0.67 0.00	35.68 0.74 0.00	34.28 0.85 0.00	32.39 0.79 0.00
COOPERNY_115KV_TB1 80082	29.89 0.45 0.00	28.55 0.41 0.00	30.78 0.41 0.00	31.35 0.41 0.00	30.10 0.40 0.00	36.34 0.54 0.00	42.77 0.60 0.00	45.27 0.61 0.00	43.20 0.67 0.00	42.96 0.79 0.00	32.85 0.67 -0.10	28.76 0.70 -0.03	35.67 0.88 -0.24	42.37 0.92 -0.46	40.76 0.86 -0.04	38.08 0.79 0.00	47.46 0.91 0.00	42.94 0.77 0.00	38.91 0.59 0.00	40.25 0.60 0.00	35.62 0.52 0.00	35.51 0.57 0.00	34.04 0.61 0.00	32.09 0.49 0.00
COPENHAGEN_WT_PWR 323753	85.64 1.41 -54.80	29.58 1.28 -0.16	47.62 1.37 -15.88	32.34 1.39 0.00	31.05 1.35 0.00	37.60 1.80 0.00	44.84 2.35 -0.32	48.56 2.57 -1.35	44.11 1.58 0.00	42.86 0.69 0.00	32.30 0.22 0.00	28.21 0.17 0.00	34.78 0.23 0.00	41.24 0.25 0.00	40.14 0.28 0.00	37.53 0.25 0.00	47.19 0.65 0.00	43.59 1.42 0.00	79.13 2.23 -38.58	175.18 2.74 -132.79	51.34 2.46 -13.79	45.31 2.39 -7.99	35.49 2.06 0.00	33.36 1.76 0.00
CORNELL_____ 23752	29.77 0.34 0.00	28.50 0.36 0.00	30.71 0.34 0.00	31.32 0.37 0.00	30.11 0.41 0.00	36.41 0.62 0.00	42.79 0.62 0.00	45.27 0.62 0.00	42.83 0.30 0.00	42.19 0.02 0.00	32.14 0.07 0.00	28.03 0.00 0.00	34.62 0.08 0.00	41.18 0.19 0.00	40.19 0.32 0.00	37.57 0.29 0.00	46.99 0.45 0.00	43.07 0.90 0.00	39.43 1.11 0.00	40.83 1.18 0.00	36.13 1.03 0.00	35.90 0.96 0.00	34.24 0.81 0.00	32.36 0.75 0.00

CORONA__69_KV_TB1 355595	30.79 1.36 0.00	29.25 1.11 0.00	31.47 1.10 0.00	32.02 1.08 0.00	30.75 1.05 0.00	37.15 1.35 0.00	43.62 1.45 0.00	46.20 1.55 0.00	44.13 1.60 0.00	44.08 1.91 0.00	33.98 1.73 -0.17	29.80 1.72 -0.05	37.13 2.15 -0.44	44.16 2.34 -0.82	42.03 2.11 -0.07	39.04 1.75 0.00	48.32 1.78 0.00	43.74 1.57 0.00	39.65 1.33 0.00	41.16 1.51 0.00	36.34 1.24 0.00	36.40 1.47 0.00	35.00 1.57 0.00	32.88 1.27 0.00
CORTLAND__115KV_TB3 80093	29.44 0.02 0.00	28.20 0.06 0.00	30.40 0.03 0.00	31.01 0.06 0.00	29.80 0.10 0.00	36.01 0.21 0.00	42.31 0.13 0.00	44.80 0.15 0.00	42.50 -0.04 0.00	41.99 -0.18 0.00	32.00 -0.07 0.00	27.95 -0.08 0.00	34.50 -0.04 0.00	41.03 0.04 0.00	39.97 0.11 0.00	37.35 0.07 0.00	46.67 0.13 0.00	42.61 0.44 0.00	38.86 0.53 0.00	40.19 0.54 0.00	35.57 0.47 0.00	35.37 0.43 0.00	33.78 0.35 0.00	31.94 0.34 0.00
COXSACKIE__GT 23611	30.77 1.34 0.00	29.48 1.34 0.00	31.75 1.37 0.00	32.29 1.34 0.00	31.07 1.36 0.00	37.50 1.70 0.00	44.37 2.20 0.00	47.16 2.51 0.00	44.60 2.06 0.00	43.61 1.43 0.00	32.93 0.85 0.00	28.55 0.52 0.00	35.05 0.51 0.00	41.60 0.61 0.00	40.50 0.64 0.00	37.91 0.63 0.00	47.34 0.80 0.00	43.40 1.23 0.00	39.63 1.30 0.00	41.29 1.63 0.00	36.58 1.49 0.00	36.34 1.40 0.00	34.72 1.29 0.00	32.80 1.20 0.00
CPV_VALLEY__CC1 323721	29.94 0.52 0.00	28.57 0.43 0.00	30.80 0.43 0.00	31.36 0.42 0.00	30.12 0.42 0.00	36.37 0.57 0.00	42.80 0.63 0.00	45.30 0.65 0.00	43.30 0.76 0.00	43.11 0.94 0.00	33.01 0.80 -0.12	28.92 0.85 -0.04	35.92 1.06 -0.32	42.67 1.08 -0.60	40.95 1.04 -0.05	38.22 0.93 0.00	47.60 1.06 0.00	43.01 0.83 0.00	38.94 0.62 0.00	40.27 0.62 0.00	35.61 0.51 0.00	35.50 0.57 0.00	34.06 0.63 0.00	32.09 0.49 0.00
CPV_VALLEY__CC2 323722	29.94 0.52 0.00	28.57 0.43 0.00	30.80 0.43 0.00	31.36 0.42 0.00	30.12 0.42 0.00	36.37 0.57 0.00	42.80 0.63 0.00	45.30 0.65 0.00	43.30 0.76 0.00	43.11 0.94 0.00	33.01 0.80 -0.12	28.92 0.85 -0.04	35.92 1.06 -0.32	42.67 1.08 -0.60	40.95 1.04 -0.05	38.22 0.93 0.00	47.60 1.06 0.00	43.01 0.83 0.00	38.94 0.62 0.00	40.27 0.62 0.00	35.61 0.51 0.00	35.50 0.57 0.00	34.06 0.63 0.00	32.09 0.49 0.00
CRESCENT__HYD 24018	30.27 0.84 0.00	28.89 0.75 0.00	31.20 0.82 0.00	31.75 0.81 0.00	30.53 0.83 0.00	36.80 1.00 0.00	43.37 1.20 0.00	45.88 1.23 0.00	43.58 1.05 0.00	43.08 0.91 0.00	32.39 0.52 0.21	28.46 0.49 0.06	34.58 0.60 0.55	40.57 0.60 1.03	40.35 0.57 0.08	37.94 0.66 0.00	47.34 0.80 0.00	42.84 0.67 0.00	38.83 0.50 0.00	40.30 0.65 0.00	35.77 0.67 0.00	35.68 0.74 0.00	34.28 0.85 0.00	32.39 0.79 0.00
CRICKET__VALLEY_CC1 323756	30.01 0.58 0.00	28.63 0.49 0.00	30.90 0.53 0.00	31.42 0.48 0.00	30.19 0.48 0.00	36.34 0.55 0.00	42.89 0.72 0.00	45.44 0.79 0.00	43.38 0.85 0.00	43.09 0.92 0.00	30.17 0.71 2.62	28.08 0.79 0.75	28.71 0.95 6.78	29.19 0.90 12.69	39.69 0.84 1.01	38.09 0.81 0.00	47.41 0.87 0.00	42.78 0.61 0.00	38.73 0.41 0.00	40.19 0.55 0.00	35.57 0.47 0.00	35.45 0.52 0.00	34.03 0.60 0.00	32.08 0.48 0.00
CRICKET__VALLEY_CC2 323757	30.01 0.58 0.00	28.63 0.49 0.00	30.90 0.53 0.00	31.42 0.48 0.00	30.19 0.48 0.00	36.34 0.55 0.00	42.89 0.72 0.00	45.44 0.79 0.00	43.38 0.85 0.00	43.09 0.92 0.00	30.17 0.71 2.62	28.08 0.79 0.75	28.71 0.95 6.78	29.19 0.90 12.69	39.69 0.84 1.01	38.09 0.81 0.00	47.41 0.87 0.00	42.78 0.61 0.00	38.73 0.41 0.00	40.19 0.55 0.00	35.57 0.47 0.00	35.45 0.52 0.00	34.03 0.60 0.00	32.08 0.48 0.00
CRICKET__VALLEY_CC3 323758	30.01 0.58 0.00	28.63 0.49 0.00	30.90 0.53 0.00	31.42 0.48 0.00	30.19 0.48 0.00	36.34 0.55 0.00	42.89 0.72 0.00	45.44 0.79 0.00	43.38 0.85 0.00	43.09 0.92 0.00	30.17 0.71 2.62	28.08 0.79 0.75	28.71 0.95 6.78	29.19 0.90 12.69	39.69 0.84 1.01	38.09 0.81 0.00	47.41 0.87 0.00	42.78 0.61 0.00	38.73 0.41 0.00	40.19 0.55 0.00	35.57 0.47 0.00	35.45 0.52 0.00	34.03 0.60 0.00	32.08 0.48 0.00
CRUCIBLE__METL_DRP 24180	34.97 -0.09 -5.63	28.08 -0.07 -0.02	31.90 -0.10 -1.63	30.86 -0.07 0.00	29.68 -0.02 0.00	35.83 0.03 0.00	42.11 -0.09 -0.03	44.68 -0.10 -0.13	42.13 -0.40 0.00	41.64 -0.53 0.00	31.72 -0.36 0.00	27.72 -0.32 0.00	34.20 -0.34 0.00	40.67 -0.32 0.00	39.60 -0.26 0.00	37.02 -0.27 0.00	46.30 -0.24 0.00	42.38 0.21 0.00	42.65 0.36 -3.96	53.62 0.33 -13.64	36.77 0.26 -1.42	35.97 0.21 -0.82	33.60 0.17 0.00	31.76 0.16 0.00
DAHOWA__HYDRO 323763	30.91 1.48 0.00	29.43 1.29 0.00	31.81 1.44 0.00	32.37 1.43 0.00	31.15 1.45 0.00	37.66 1.86 0.00	44.39 2.22 0.00	46.98 2.33 0.00	44.38 1.85 0.00	43.69 1.51 0.00	32.71 0.81 0.18	28.64 0.66 0.05	34.93 0.86 0.47	41.09 0.98 0.88	40.79 1.00 0.07	38.45 1.16 0.00	48.24 1.70 0.00	43.89 1.72 0.00	40.03 1.70 0.00	41.55 1.90 0.00	36.88 1.78 0.00	36.69 1.76 0.00	35.24 1.81 0.00	33.05 1.45 0.00
DANC__LFGE 323619	66.99 0.73 -36.84	28.91 0.66 -0.11	41.74 0.69 -10.67	31.65 0.71 0.00	30.41 0.70 0.00	36.78 0.99 0.00	43.67 1.29 -0.21	46.96 1.40 -0.91	43.27 0.73 0.00	42.31 0.13 0.00	31.99 -0.09 0.00	27.94 -0.09 0.00	34.44 -0.10 0.00	40.87 -0.12 0.00	39.75 -0.12 0.00	37.14 -0.15 0.00	46.60 0.06 0.00	42.82 0.65 0.00	65.49 1.23 -25.93	130.47 1.55 -89.26	45.77 1.40 -9.27	41.69 1.38 -5.37	34.61 1.18 0.00	32.61 1.01 0.00
DANSKAMMER__1 23586	30.56 1.13 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.68 0.97 0.00	37.05 1.26 0.00	43.68 1.51 0.00	46.26 1.62 0.00	44.19 1.65 0.00	43.92 1.75 0.00	33.61 1.40 -0.13	29.47 1.40 -0.04	36.62 1.75 -0.33	43.47 1.87 -0.61	41.73 1.82 -0.05	39.00 1.72 0.00	48.55 2.01 0.00	43.89 1.72 0.00	39.79 1.46 0.00	41.23 1.58 0.00	36.45 1.36 0.00	36.31 1.37 0.00	34.80 1.37 0.00	32.77 1.17 0.00
DANSKAMMER__2 23589	30.56 1.13 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.68 0.97 0.00	37.05 1.26 0.00	43.68 1.51 0.00	46.26 1.62 0.00	44.19 1.65 0.00	43.92 1.75 0.00	33.61 1.40 -0.13	29.47 1.40 -0.04	36.62 1.75 -0.33	43.47 1.87 -0.61	41.73 1.82 -0.05	39.00 1.72 0.00	48.55 2.01 0.00	43.89 1.72 0.00	39.79 1.46 0.00	41.23 1.58 0.00	36.45 1.36 0.00	36.31 1.37 0.00	34.80 1.37 0.00	32.77 1.17 0.00
DANSKAMMER__3 23590	30.56 1.13 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.68 0.97 0.00	37.05 1.26 0.00	43.68 1.51 0.00	46.26 1.62 0.00	44.19 1.65 0.00	43.92 1.75 0.00	33.61 1.40 -0.13	29.47 1.40 -0.04	36.62 1.75 -0.33	43.47 1.87 -0.61	41.73 1.82 -0.05	39.00 1.72 0.00	48.55 2.01 0.00	43.89 1.72 0.00	39.79 1.46 0.00	41.23 1.58 0.00	36.45 1.36 0.00	36.31 1.37 0.00	34.80 1.37 0.00	32.77 1.17 0.00

DANSKAMMER___4 23591	30.56 1.13 0.00	29.13 0.99 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.68 0.97 0.00	37.05 1.26 0.00	43.68 1.51 0.00	46.26 1.62 0.00	44.19 1.65 0.00	43.92 1.75 0.00	33.61 1.40 -0.13	29.47 1.40 -0.04	36.62 1.75 -0.33	43.47 1.87 -0.61	41.73 1.82 -0.05	39.00 1.72 0.00	48.55 2.01 0.00	43.89 1.72 0.00	39.79 1.46 0.00	41.23 1.58 0.00	36.45 1.36 0.00	36.31 1.37 0.00	34.80 1.37 0.00	32.77 1.17 0.00
DANSKAMMER___DIESEL 23592	30.56 1.13 0.00	29.13 1.00 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.68 0.98 0.00	37.06 1.26 0.00	43.68 1.51 0.00	46.26 1.62 0.00	44.19 1.65 0.00	43.92 1.75 0.00	33.61 1.41 -0.13	29.47 1.40 -0.04	36.62 1.75 -0.33	43.47 1.86 -0.61	41.73 1.82 -0.05	39.00 1.71 0.00	48.55 2.01 0.00	43.89 1.72 0.00	39.79 1.46 0.00	41.23 1.58 0.00	36.46 1.36 0.00	36.31 1.37 0.00	34.81 1.38 0.00	32.77 1.17 0.00
DARBY___SOLAR 323810	30.75 1.32 0.00	29.29 1.15 0.00	31.66 1.29 0.00	32.22 1.28 0.00	30.99 1.29 0.00	37.45 1.65 0.00	44.15 1.98 0.00	46.71 2.06 0.00	44.16 1.63 0.00	43.49 1.31 0.00	32.58 0.69 0.19	28.54 0.56 0.05	34.79 0.73 0.48	40.90 0.81 0.90	40.63 0.84 0.07	38.30 1.02 0.00	47.99 1.45 0.00	43.64 1.47 0.00	39.77 1.45 0.00	41.29 1.64 0.00	36.64 1.54 0.00	36.47 1.53 0.00	35.03 1.60 0.00	32.90 1.30 0.00
DASHVILLE___HYD 23610	30.31 0.88 0.00	28.93 0.79 0.00	31.18 0.80 0.00	31.72 0.78 0.00	30.46 0.76 0.00	36.77 0.97 0.00	43.36 1.19 0.00	45.95 1.30 0.00	43.86 1.33 0.00	43.58 1.40 0.00	33.32 1.17 -0.08	29.19 1.13 -0.02	36.20 1.45 -0.20	42.89 1.52 -0.38	41.21 1.32 -0.03	38.58 1.30 0.00	48.03 1.49 0.00	43.43 1.26 0.00	39.36 1.03 0.00	40.83 1.18 0.00	36.14 1.04 0.00	36.00 1.06 0.00	34.54 1.11 0.00	32.56 0.96 0.00
DELAWARE___LFGE 323621	29.89 0.46 0.00	28.63 0.49 0.00	30.88 0.51 0.00	31.47 0.53 0.00	30.23 0.53 0.00	36.43 0.63 0.00	42.88 0.71 0.00	45.35 0.70 0.00	43.14 0.60 0.00	42.82 0.65 0.00	32.64 0.56 0.00	28.57 0.53 0.00	35.23 0.69 0.00	41.81 0.82 0.00	40.69 0.82 0.00	37.98 0.70 0.00	47.43 0.88 0.00	43.08 0.91 0.00	39.09 0.76 0.00	40.43 0.78 0.00	35.80 0.71 0.00	35.65 0.71 0.00	34.11 0.67 0.00	32.19 0.59 0.00
DERFIELD_115KV_TB7 355931	35.05 0.08 -5.53	28.24 0.09 -0.02	32.07 0.09 -1.60	31.03 0.08 0.00	29.79 0.09 0.00	35.91 0.11 0.00	42.34 0.13 -0.03	44.92 0.13 -0.14	42.62 0.08 0.00	42.23 0.05 0.00	32.11 0.03 0.00	28.07 0.04 0.00	34.58 0.04 0.00	41.00 0.01 0.00	39.86 0.00 0.00	37.32 0.04 0.00	46.60 0.06 0.00	42.27 0.10 0.00	42.30 0.09 -3.90	53.15 0.10 -13.41	36.59 0.10 -1.39	35.86 0.11 -0.81	33.56 0.13 0.00	31.70 0.10 0.00
DOGLEVILLE___HYD 23807	35.52 0.55 -5.53	28.66 0.51 -0.02	32.44 0.47 -1.60	31.39 0.45 0.00	30.21 0.51 0.00	36.46 0.66 0.00	43.08 0.88 -0.03	45.68 0.90 -0.14	42.82 0.29 0.00	42.00 -0.18 0.00	31.56 -0.52 0.00	27.49 -0.54 0.00	34.08 -0.46 0.00	40.16 -0.83 0.00	38.92 -0.94 0.00	36.71 -0.57 0.00	46.41 -0.13 0.00	42.42 0.24 0.00	42.66 0.44 -3.90	53.74 0.68 -13.41	37.11 0.61 -1.39	36.45 0.71 -0.81	34.09 0.65 0.00	32.12 0.51 0.00
DUNKIRK___115KV_TB_200 55889	28.58 -0.85 0.00	27.48 -0.66 0.00	29.61 -0.77 0.00	30.31 -0.63 0.00	29.31 -0.39 0.00	35.53 -0.27 0.00	41.01 -1.16 0.00	43.58 -1.07 0.00	41.62 -0.92 0.00	41.53 -0.65 0.00	31.98 -0.10 0.00	27.73 -0.31 0.00	34.47 -0.07 0.00	41.21 0.22 0.00	40.10 0.24 0.00	37.19 -0.09 0.00	46.54 0.00 0.00	42.63 0.46 0.00	38.88 0.56 0.00	39.79 0.14 0.00	35.13 0.03 0.00	34.98 0.04 0.00	33.35 -0.08 0.00	31.98 0.38 0.00
DUNKIRK___1 23563	28.58 -0.85 0.00	27.48 -0.66 0.00	29.61 -0.77 0.00	30.31 -0.63 0.00	29.31 -0.39 0.00	35.53 -0.27 0.00	41.01 -1.16 0.00	43.58 -1.07 0.00	41.62 -0.92 0.00	41.53 -0.65 0.00	31.98 -0.10 0.00	27.73 -0.31 0.00	34.47 -0.07 0.00	41.21 0.22 0.00	40.10 0.24 0.00	37.19 -0.09 0.00	46.54 0.00 0.00	42.63 0.46 0.00	38.88 0.56 0.00	39.79 0.14 0.00	35.13 0.03 0.00	34.98 0.04 0.00	33.35 -0.08 0.00	31.98 0.38 0.00
DUNKIRK___2 23564	28.58 -0.85 0.00	27.48 -0.66 0.00	29.61 -0.77 0.00	30.31 -0.63 0.00	29.31 -0.39 0.00	35.53 -0.27 0.00	41.01 -1.16 0.00	43.58 -1.07 0.00	41.62 -0.92 0.00	41.53 -0.65 0.00	31.98 -0.10 0.00	27.73 -0.31 0.00	34.47 -0.07 0.00	41.21 0.22 0.00	40.10 0.24 0.00	37.19 -0.09 0.00	46.54 0.00 0.00	42.63 0.46 0.00	38.88 0.56 0.00	39.79 0.14 0.00	35.13 0.03 0.00	34.98 0.04 0.00	33.35 -0.08 0.00	31.98 0.38 0.00
DUNKIRK___3 23565	28.56 -0.87 0.00	27.46 -0.68 0.00	29.62 -0.75 0.00	30.33 -0.61 0.00	29.30 -0.41 0.00	35.47 -0.32 0.00	40.88 -1.29 0.00	43.38 -1.26 0.00	41.44 -1.09 0.00	41.39 -0.79 0.00	31.86 -0.21 0.00	27.63 -0.41 0.00	34.34 -0.20 0.00	41.07 0.08 0.00	39.97 0.11 0.00	37.06 -0.22 0.00	46.32 -0.22 0.00	42.41 0.23 0.00	38.68 0.36 0.00	39.59 -0.06 0.00	34.97 -0.13 0.00	34.84 -0.10 0.00	33.27 -0.16 0.00	31.92 0.32 0.00
DUNKIRK___4 23566	28.56 -0.87 0.00	27.46 -0.68 0.00	29.62 -0.75 0.00	30.33 -0.61 0.00	29.30 -0.41 0.00	35.47 -0.32 0.00	40.88 -1.29 0.00	43.38 -1.26 0.00	41.44 -1.09 0.00	41.39 -0.79 0.00	31.86 -0.21 0.00	27.63 -0.41 0.00	34.34 -0.20 0.00	41.07 0.08 0.00	39.97 0.11 0.00	37.06 -0.22 0.00	46.32 -0.22 0.00	42.41 0.23 0.00	38.68 0.36 0.00	39.59 -0.06 0.00	34.97 -0.13 0.00	34.84 -0.10 0.00	33.27 -0.16 0.00	31.92 0.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	30.57 1.14 0.00	29.11 0.97 0.00	31.36 0.98 0.00	31.90 0.96 0.00	30.64 0.94 0.00	37.02 1.22 0.00	43.58 1.41 0.00	46.12 1.47 0.00	44.09 1.56 0.00	43.93 1.76 0.00	33.75 1.50 -0.17	29.58 1.50 -0.05	36.83 1.85 -0.44	43.77 1.96 -0.82	41.80 1.88 -0.07	39.00 1.72 0.00	48.40 1.86 0.00	43.71 1.54 0.00	39.56 1.23 0.00	41.03 1.38 0.00	36.30 1.20 0.00	36.18 1.24 0.00	34.73 1.30 0.00	32.67 1.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	30.28 0.85 0.00	28.88 0.74 0.00	31.13 0.75 0.00	31.69 0.75 0.00	30.43 0.73 0.00	36.77 0.97 0.00	43.30 1.13 0.00	45.83 1.18 0.00	43.77 1.24 0.00	43.54 1.36 0.00	33.35 1.13 -0.13	29.22 1.15 -0.04	36.31 1.43 -0.34	43.15 1.52 -0.65	41.39 1.48 -0.05	38.64 1.36 0.00	48.12 1.58 0.00	43.51 1.34 0.00	39.42 1.10 0.00	40.83 1.17 0.00	36.08 0.98 0.00	35.96 1.02 0.00	34.49 1.06 0.00	32.47 0.87 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	30.64 1.21 0.00	29.10 0.96 0.00	31.41 1.04 0.00	31.96 1.02 0.00	30.68 0.98 0.00	37.01 1.22 0.00	43.51 1.34 0.00	45.95 1.30 0.00	44.03 1.49 0.00	43.83 1.65 0.00	33.72 1.47 -0.17	29.57 1.49 -0.05	36.78 1.80 -0.44	43.72 1.91 -0.82	41.74 1.81 -0.07	38.97 1.68 0.00	48.24 1.70 0.00	43.57 1.40 0.00	39.51 1.18 0.00	40.97 1.32 0.00	36.31 1.21 0.00	36.21 1.27 0.00	34.76 1.33 0.00	32.69 1.09 0.00

E179THST_13_KV_LOAD 356214	30.79 1.35 0.00	29.21 1.07 0.00	31.54 1.17 0.00	32.09 1.15 0.00	30.80 1.10 0.00	37.18 1.38 0.00	43.72 1.55 0.00	46.17 1.52 0.00	44.26 1.72 0.00	44.05 1.88 0.00	33.89 1.65 -0.17	29.72 1.64 -0.05	36.97 1.99 -0.44	43.95 2.13 -0.82	41.96 2.03 -0.07	39.17 1.89 0.00	48.49 1.96 0.00	43.80 1.63 0.00	39.73 1.41 0.00	41.18 1.53 0.00	36.50 1.40 0.00	36.39 1.45 0.00	34.93 1.50 0.00	32.85 1.24 0.00
EAST HAMPTON___GT 23717	30.97 1.54 0.00	29.35 1.22 0.00	31.74 1.37 0.00	32.32 1.38 0.00	30.91 1.21 0.00	37.37 1.57 0.00	43.75 1.58 0.00	46.39 1.74 0.00	44.13 1.60 0.00	43.72 1.54 0.00	33.46 1.22 -0.17	5.52 1.13 23.65	34.64 1.54 1.43	36.58 1.77 6.18	29.07 1.49 12.28	38.64 1.36 0.01	47.57 1.03 0.00	43.08 0.91 0.00	39.21 0.89 0.00	40.95 1.30 0.00	35.83 0.73 0.00	35.50 0.56 0.00	34.10 0.67 0.00	31.88 0.28 0.00
EAST RIVER___6 23660	30.62 1.20 0.00	29.14 1.00 0.00	31.39 1.01 0.00	31.93 0.99 0.00	30.67 0.96 0.00	37.07 1.27 0.00	43.56 1.39 0.00	46.09 1.44 0.00	44.13 1.60 0.00	44.02 1.85 0.00	33.86 1.62 -0.17	29.69 1.61 -0.05	36.98 2.00 -0.44	43.93 2.12 -0.82	41.97 2.05 -0.07	39.16 1.88 0.00	48.54 2.01 0.00	43.83 1.65 0.00	39.67 1.35 0.00	41.13 1.48 0.00	36.41 1.31 0.00	36.27 1.33 0.00	34.79 1.37 0.00	32.73 1.13 0.00
EAST RIVER___7 23524	30.62 1.20 0.00	29.14 1.00 0.00	31.39 1.01 0.00	31.93 0.99 0.00	30.67 0.96 0.00	37.07 1.27 0.00	43.56 1.39 0.00	46.09 1.44 0.00	44.13 1.60 0.00	44.02 1.85 0.00	33.86 1.62 -0.17	29.69 1.61 -0.05	36.98 2.00 -0.44	43.93 2.12 -0.82	41.97 2.05 -0.07	39.16 1.88 0.00	48.54 2.01 0.00	43.83 1.65 0.00	39.67 1.35 0.00	41.13 1.48 0.00	36.41 1.31 0.00	36.27 1.33 0.00	34.79 1.37 0.00	32.73 1.13 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.50 1.07 0.00	29.06 0.92 0.00	31.31 0.93 0.00	31.86 0.91 0.00	30.59 0.88 0.00	36.97 1.17 0.00	43.52 1.36 0.00	46.05 1.40 0.00	44.02 1.49 0.00	43.84 1.67 0.00	33.67 1.42 -0.17	29.51 1.43 -0.05	36.74 1.77 -0.44	43.67 1.85 -0.82	41.71 1.78 -0.07	38.90 1.62 0.00	48.31 1.77 0.00	43.63 1.45 0.00	39.49 1.17 0.00	40.96 1.31 0.00	36.23 1.13 0.00	36.12 1.18 0.00	34.67 1.23 0.00	32.62 1.03 0.00
EAST_HAMPTON___DIESEL 23722	30.95 1.52 0.00	29.34 1.20 0.00	31.74 1.36 0.00	32.31 1.37 0.00	30.90 1.20 0.00	37.36 1.56 0.00	43.73 1.56 0.00	46.35 1.70 0.00	44.09 1.55 0.00	43.65 1.48 0.00	33.40 1.15 -0.17	5.45 1.06 23.64	34.55 1.44 1.43	36.48 1.66 6.18	28.98 1.40 12.28	38.58 1.30 0.01	47.47 0.93 0.00	42.99 0.81 0.00	39.13 0.81 0.00	40.87 1.22 0.00	35.74 0.64 0.00	35.40 0.46 0.00	34.00 0.57 0.00	31.79 0.19 0.00
EAST_POINT___SOLAR 323840	30.82 1.39 0.00	29.43 1.30 0.00	31.75 1.37 0.00	32.38 1.44 0.00	31.10 1.40 0.00	37.59 1.79 0.00	44.46 2.29 0.00	46.66 2.01 0.00	43.21 0.68 0.00	42.72 0.55 0.00	31.57 -0.41 0.09	27.63 -0.38 0.03	34.19 -0.11 0.24	40.22 -0.31 0.46	39.76 -0.06 0.04	37.32 0.04 0.00	47.70 1.16 0.00	44.06 1.89 0.00	40.68 2.36 0.00	42.42 2.77 0.00	37.55 2.45 0.00	37.14 2.20 0.00	35.37 1.94 0.00	33.26 1.65 0.00
EAST_PULASKI___ESR 323781	48.71 0.07 -19.21	28.26 0.07 -0.06	35.99 0.05 -5.57	30.99 0.05 0.00	29.79 0.09 0.00	36.00 0.20 0.00	42.54 0.26 -0.11	45.42 0.29 -0.47	42.45 -0.08 0.00	41.75 -0.42 0.00	31.69 -0.39 0.00	27.69 -0.34 0.00	34.13 -0.41 0.00	40.51 -0.48 0.00	39.35 -0.51 0.00	36.72 -0.57 0.00	45.99 -0.55 0.00	42.06 -0.11 0.00	52.07 0.21 -13.53	86.57 0.36 -46.56	40.25 0.32 -4.83	38.08 0.34 -2.80	33.74 0.31 0.00	31.88 0.28 0.00
EAST_RIVER___1 323558	30.66 1.23 0.00	29.17 1.03 0.00	31.43 1.05 0.00	31.97 1.03 0.00	30.70 0.99 0.00	37.10 1.31 0.00	43.65 1.48 0.00	46.16 1.52 0.00	44.19 1.66 0.00	44.06 1.89 0.00	33.89 1.64 -0.17	29.71 1.63 -0.05	37.00 2.02 -0.44	43.93 2.12 -0.82	41.98 2.06 -0.07	39.18 1.90 0.00	48.56 2.03 0.00	43.86 1.69 0.00	39.68 1.35 0.00	41.14 1.49 0.00	36.41 1.31 0.00	36.28 1.35 0.00	34.82 1.39 0.00	32.75 1.14 0.00
EAST_RIVER___2 323559	30.62 1.20 0.00	29.14 1.00 0.00	31.39 1.01 0.00	31.93 0.99 0.00	30.67 0.96 0.00	37.07 1.27 0.00	43.56 1.39 0.00	46.09 1.44 0.00	44.13 1.60 0.00	44.02 1.85 0.00	33.86 1.62 -0.17	29.69 1.61 -0.05	36.98 2.00 -0.44	43.93 2.12 -0.82	41.97 2.05 -0.07	39.16 1.88 0.00	48.54 2.01 0.00	43.83 1.65 0.00	39.67 1.35 0.00	41.13 1.48 0.00	36.41 1.31 0.00	36.27 1.33 0.00	34.79 1.37 0.00	32.73 1.13 0.00
EAST___DELAWARE_HYD 23607	29.94 0.51 0.00	28.56 0.42 0.00	30.78 0.40 0.00	31.32 0.38 0.00	30.08 0.38 0.00	36.35 0.55 0.00	42.90 0.73 0.00	45.47 0.82 0.00	43.37 0.84 0.00	43.03 0.86 0.00	32.80 0.63 -0.10	28.71 0.64 -0.03	35.66 0.87 -0.25	42.12 0.66 -0.46	39.66 -0.24 -0.04	37.09 -0.19 0.00	46.35 -0.19 0.00	42.02 -0.15 0.00	38.08 -0.24 0.00	39.62 -0.03 0.00	35.95 0.85 0.00	35.73 0.79 0.00	34.21 0.78 0.00	32.18 0.58 0.00
EIGHT_POINT___WT_PWR 323820	28.62 -0.81 0.00	27.59 -0.55 0.00	30.01 -0.36 0.00	30.87 -0.07 0.00	29.78 0.07 0.00	35.98 0.18 0.00	41.98 -0.19 0.00	44.42 -0.23 0.00	41.85 -0.68 0.00	41.25 -0.92 0.00	31.59 -0.49 0.00	27.44 -0.59 0.00	34.03 -0.51 0.00	40.62 -0.37 0.00	39.57 -0.29 0.00	36.81 -0.47 0.00	46.05 -0.49 0.00	42.39 0.22 0.00	38.96 0.63 0.00	40.20 0.55 0.00	35.51 0.41 0.00	35.36 0.42 0.00	33.59 0.15 0.00	32.10 0.50 0.00
ELBRIDGE_115KV_TB2 80188	34.19 -0.25 -5.02	27.94 -0.22 -0.01	31.57 -0.26 -1.45	30.72 -0.23 0.00	29.53 -0.17 0.00	35.67 -0.13 0.00	41.92 -0.28 -0.03	44.45 -0.32 -0.12	42.06 -0.48 0.00	41.59 -0.58 0.00	31.68 -0.40 0.00	27.68 -0.36 0.00	34.13 -0.41 0.00	40.59 -0.40 0.00	39.52 -0.34 0.00	36.95 -0.34 0.00	46.18 -0.36 0.00	42.19 0.01 0.00	42.01 0.15 -3.53	51.92 0.11 -12.15	36.43 0.07 -1.26	35.71 0.04 -0.73	33.43 0.00 0.00	31.62 0.01 0.00
ELEC_TRO_TEK 24086	30.59 1.16 0.00	29.08 0.94 0.00	31.30 0.92 0.00	31.86 0.92 0.00	30.59 0.88 0.00	36.94 1.15 0.00	43.39 1.22 0.00	45.99 1.34 0.00	43.97 1.44 0.00	43.92 1.75 0.00	33.83 1.58 -0.17	29.67 1.59 -0.05	36.97 1.99 -0.44	43.97 2.16 -0.82	41.85 1.93 -0.07	38.87 1.58 0.00	48.10 1.56 0.00	43.45 1.28 0.00	39.38 1.06 0.00	40.88 1.23 0.00	36.09 1.00 0.00	36.15 1.22 0.00	34.76 1.34 0.00	32.66 1.06 0.00
ELLENBURG_WT_PWR 323604	43.83 1.13 -13.27	29.07 0.89 -0.04	35.21 0.99 -3.84	31.86 0.91 0.00	30.61 0.91 0.00	36.93 1.13 0.00	43.83 1.58 -0.08	46.62 1.65 -0.33	43.82 1.29 0.00	43.30 1.13 0.00	32.83 0.75 0.00	28.69 0.66 0.00	35.38 0.84 0.00	42.09 1.10 0.00	40.96 1.10 0.00	38.42 1.14 0.00	48.00 1.46 0.00	43.41 1.24 0.00	48.89 1.22 -9.34	73.12 1.32 -32.15	39.69 1.25 -3.34	37.81 0.94 -1.93	34.09 0.66 0.00	32.23 0.62 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.64 -0.80 0.00	27.55 -0.59 0.00	29.76 -0.62 0.00	30.46 -0.48 0.00	29.39 -0.31 0.00	35.46 -0.34 0.00	40.65 -1.52 0.00	42.94 -1.71 0.00	41.12 -1.41 0.00	41.20 -0.98 0.00	31.73 -0.35 0.00	27.42 -0.62 0.00	34.11 -0.43 0.00	40.84 -0.15 0.00	39.76 -0.10 0.00	36.88 -0.40 0.00	45.92 -0.62 0.00	42.00 -0.18 0.00	38.41 0.08 0.00	39.29 -0.36 0.00	34.73 -0.37 0.00	34.58 -0.35 0.00	33.12 -0.31 0.00	31.89 0.29 0.00
EMPIRE_CC_1 323656	29.76 0.33 0.00	28.45 0.31 0.00	30.70 0.32 0.00	31.23 0.28 0.00	30.03 0.32 0.00	36.13 0.33 0.00	42.53 0.35 0.00	45.01 0.36 0.00	42.83 0.30 0.00	42.43 0.25 0.00	31.92 0.07 0.22	28.08 0.11 0.06	34.04 0.08 0.57	39.87 -0.04 1.07	39.71 -0.07 0.08	37.29 0.01 0.00	46.38 -0.15 0.00	41.86 -0.31 0.00	37.87 -0.46 0.00	39.29 -0.36 0.00	34.91 -0.19 0.00	34.87 -0.07 0.00	33.54 0.11 0.00	31.76 0.15 0.00
EMPIRE_CC_2 323658	29.76 0.33 0.00	28.45 0.31 0.00	30.70 0.32 0.00	31.23 0.28 0.00	30.03 0.32 0.00	36.13 0.33 0.00	42.53 0.35 0.00	45.01 0.36 0.00	42.83 0.30 0.00	42.43 0.25 0.00	31.92 0.07 0.22	28.08 0.11 0.06	34.04 0.08 0.57	39.87 -0.04 1.07	39.71 -0.07 0.08	37.29 0.01 0.00	46.38 -0.15 0.00	41.86 -0.31 0.00	37.87 -0.46 0.00	39.29 -0.36 0.00	34.91 -0.19 0.00	34.87 -0.07 0.00	33.54 0.11 0.00	31.76 0.15 0.00
ENORWICH_115KV_TB1 80156	30.87 1.44 0.00	29.56 1.42 0.00	31.85 1.48 0.00	32.44 1.50 0.00	31.21 1.51 0.00	37.85 2.05 0.00	44.55 2.38 0.00	46.26 1.62 0.00	43.60 1.06 0.00	42.90 0.73 0.00	32.96 0.88 0.00	28.74 0.70 0.00	35.53 0.99 0.00	42.23 1.24 0.00	41.25 1.39 0.00	38.74 1.46 0.00	48.68 2.14 0.00	44.84 2.67 0.00	41.25 2.92 0.00	42.75 3.10 0.00	37.75 2.66 0.00	37.32 2.38 0.00	35.48 2.05 0.00	33.43 1.83 0.00
ERIE_ST__34_KV_TB1-2 80199	28.78 -0.65 0.00	27.66 -0.48 0.00	29.85 -0.52 0.00	30.55 -0.39 0.00	29.48 -0.22 0.00	35.60 -0.19 0.00	40.89 -1.28 0.00	43.28 -1.37 0.00	41.43 -1.11 0.00	41.48 -0.69 0.00	31.96 -0.12 0.00	27.66 -0.37 0.00	34.41 -0.12 0.00	41.22 0.23 0.00	40.13 0.27 0.00	37.24 -0.04 0.00	46.47 -0.07 0.00	42.52 0.35 0.00	38.86 0.53 0.00	39.74 0.08 0.00	35.11 0.01 0.00	34.93 -0.01 0.00	33.42 -0.01 0.00	32.08 0.48 0.00
ERIE_WT_PWR 323693	28.74 -0.69 0.00	27.65 -0.49 0.00	29.87 -0.51 0.00	30.57 -0.38 0.00	29.49 -0.21 0.00	35.60 -0.20 0.00	40.84 -1.33 0.00	43.15 -1.50 0.00	41.31 -1.22 0.00	41.36 -0.82 0.00	31.84 -0.24 0.00	27.52 -0.51 0.00	34.21 -0.33 0.00	40.97 -0.02 0.00	39.92 0.05 0.00	37.07 -0.21 0.00	46.18 -0.36 0.00	42.24 0.07 0.00	38.59 0.26 0.00	39.49 -0.16 0.00	34.94 -0.16 0.00	34.77 -0.17 0.00	33.28 -0.15 0.00	32.03 0.42 0.00
ESPRGFLD_115KV_TB1 80157	30.36 0.92 0.00	29.03 0.89 0.00	31.31 0.94 0.00	31.94 1.00 0.00	30.66 0.96 0.00	37.02 1.23 0.00	43.67 1.50 0.00	46.17 1.52 0.00	43.65 1.12 0.00	43.36 1.18 0.00	33.01 0.99 0.06	28.91 0.89 0.02	35.56 1.18 0.15	42.24 1.54 0.29	41.46 1.62 0.02	38.57 1.28 0.00	48.31 1.77 0.00	44.17 2.00 0.00	40.37 2.04 0.00	41.78 2.13 0.00	36.95 1.85 0.00	36.58 1.64 0.00	34.83 1.40 0.00	32.80 1.20 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	29.72 0.29 0.00	28.45 0.31 0.00	30.66 0.29 0.00	31.27 0.32 0.00	30.06 0.36 0.00	36.35 0.55 0.00	42.71 0.54 0.00	45.17 0.52 0.00	42.75 0.22 0.00	42.14 -0.03 0.00	32.12 0.04 0.00	28.02 -0.01 0.00	34.60 0.06 0.00	41.14 0.15 0.00	40.13 0.26 0.00	37.53 0.25 0.00	46.93 0.39 0.00	42.99 0.82 0.00	39.33 1.00 0.00	40.71 1.06 0.00	36.02 0.92 0.00	35.79 0.86 0.00	34.15 0.72 0.00	32.27 0.67 0.00
ETNA____115KV_TB2 80207	29.72 0.29 0.00	28.45 0.31 0.00	30.66 0.29 0.00	31.27 0.32 0.00	30.06 0.36 0.00	36.35 0.55 0.00	42.71 0.54 0.00	45.17 0.52 0.00	42.75 0.22 0.00	42.14 -0.03 0.00	32.12 0.04 0.00	28.02 -0.01 0.00	34.60 0.06 0.00	41.14 0.15 0.00	40.13 0.26 0.00	37.53 0.25 0.00	46.93 0.39 0.00	42.99 0.82 0.00	39.33 1.00 0.00	40.71 1.06 0.00	36.02 0.92 0.00	35.79 0.86 0.00	34.15 0.72 0.00	32.27 0.67 0.00
EUCLID__115KV_TB2 356179	35.76 -0.40 -6.73	27.80 -0.36 -0.02	31.91 -0.41 -1.95	30.55 -0.39 0.00	29.37 -0.33 0.00	35.46 -0.34 0.00	41.70 -0.51 -0.04	44.27 -0.55 -0.17	41.91 -0.62 0.00	41.51 -0.67 0.00	31.62 -0.46 0.00	27.63 -0.40 0.00	34.07 -0.47 0.00	40.51 -0.48 0.00	39.43 -0.44 0.00	36.83 -0.45 0.00	46.01 -0.53 0.00	41.89 -0.28 0.00	42.89 -0.17 -4.74	55.74 -0.22 -16.30	36.57 -0.22 -1.69	35.68 -0.24 -0.98	33.19 -0.25 0.00	31.38 -0.22 0.00
E_CANADA_CAP_HY 24051	30.57 1.14 0.00	29.20 1.06 0.00	31.50 1.13 0.00	32.15 1.21 0.00	30.85 1.15 0.00	37.26 1.46 0.00	43.96 1.79 0.00	46.40 1.75 0.00	43.64 1.10 0.00	43.29 1.12 0.00	32.67 0.67 0.08	28.59 0.57 0.02	35.12 0.80 0.22	41.62 1.04 0.41	40.97 1.14 0.03	38.24 0.95 0.00	48.12 1.58 0.00	44.13 1.95 0.00	40.47 2.14 0.00	41.97 2.32 0.00	37.14 2.04 0.00	36.74 1.80 0.00	35.01 1.57 0.00	32.94 1.34 0.00
E_CANADA_MHWK_HY 24050	35.51 0.55 -5.53	28.66 0.51 -0.02	32.44 0.46 -1.60	31.39 0.45 0.00	30.21 0.51 0.00	36.45 0.66 0.00	43.08 0.88 -0.03	45.68 0.89 -0.14	42.82 0.29 0.00	42.00 -0.18 0.00	31.56 -0.52 0.00	27.49 -0.54 0.00	34.08 -0.46 0.00	40.17 -0.82 0.00	38.92 -0.94 0.00	36.71 -0.57 0.00	46.41 -0.13 0.00	42.42 0.24 0.00	42.66 0.43 -3.90	53.74 0.68 -13.41	37.11 0.62 -1.39	36.45 0.71 -0.81	34.09 0.65 0.00	32.12 0.51 0.00
E_FISHKILL__LBMP 23776	30.28 0.85 0.00	28.87 0.74 0.00	31.13 0.76 0.00	31.67 0.73 0.00	30.42 0.72 0.00	36.72 0.92 0.00	43.25 1.08 0.00	45.78 1.13 0.00	43.73 1.20 0.00	43.50 1.33 0.00	33.35 1.10 -0.17	29.21 1.13 -0.05	36.37 1.38 -0.45	43.24 1.41 -0.84	41.27 1.34 -0.07	38.52 1.23 0.00	47.89 1.35 0.00	43.26 1.09 0.00	39.17 0.84 0.00	40.61 0.95 0.00	35.93 0.83 0.00	35.82 0.88 0.00	34.39 0.96 0.00	32.40 0.80 0.00
FALCON__SEABRD_CC1 323796	48.87 1.89 -17.55	29.71 1.52 -0.05	37.12 1.66 -5.09	32.53 1.59 0.00	31.31 1.61 0.00	37.83 2.03 0.00	44.95 2.68 -0.10	47.83 2.75 -0.43	44.67 2.14 0.00	44.06 1.88 0.00	33.34 1.26 0.00	29.20 1.16 0.00	36.04 1.50 0.00	42.83 1.84 0.00	41.70 1.84 0.00	39.21 1.92 0.00	49.04 2.50 0.00	44.39 2.22 0.00	52.78 2.10 -12.36	84.54 2.35 -42.53	41.67 2.15 -4.42	39.25 1.76 -2.56	34.81 1.38 0.00	32.86 1.26 0.00
FALCON__SEABRD_CC2 323797	48.87 1.89 -17.55	29.71 1.52 -0.05	37.12 1.66 -5.09	32.53 1.59 0.00	31.31 1.61 0.00	37.83 2.03 0.00	44.95 2.68 -0.10	47.83 2.75 -0.43	44.67 2.14 0.00	44.06 1.88 0.00	33.34 1.26 0.00	29.20 1.16 0.00	36.04 1.50 0.00	42.83 1.84 0.00	41.70 1.84 0.00	39.21 1.92 0.00	49.04 2.50 0.00	44.39 2.22 0.00	52.78 2.10 -12.36	84.54 2.35 -42.53	41.67 2.15 -4.42	39.25 1.76 -2.56	34.81 1.38 0.00	32.86 1.26 0.00

FAR ROCKAWAY___4 23548	31.02 1.59 0.00	29.46 1.32 0.00	31.69 1.32 0.00	32.24 1.30 0.00	30.96 1.26 0.00	37.41 1.61 0.00	43.94 1.76 0.00	46.52 1.88 0.00	44.32 1.79 0.00	44.29 2.11 0.00	34.15 1.90 -0.17	29.96 1.87 -0.05	37.36 2.38 -0.44	44.42 2.61 -0.82	42.27 2.34 -0.07	39.25 1.97 0.00	48.60 2.06 0.00	44.14 1.97 0.00	40.01 1.69 0.00	41.52 1.87 0.00	36.65 1.55 0.00	36.70 1.76 0.00	35.27 1.84 0.00	33.14 1.54 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	30.67 1.24 0.00	29.19 1.06 0.00	31.44 1.07 0.00	31.99 1.05 0.00	30.71 1.01 0.00	37.12 1.32 0.00	43.68 1.51 0.00	46.20 1.55 0.00	44.21 1.67 0.00	44.07 1.90 0.00	33.90 1.65 -0.17	29.73 1.64 -0.05	37.00 2.02 -0.44	43.96 2.15 -0.82	42.00 2.08 -0.07	39.19 1.91 0.00	48.59 2.05 0.00	43.88 1.71 0.00	39.70 1.38 0.00	41.16 1.50 0.00	36.43 1.33 0.00	36.31 1.37 0.00	34.84 1.41 0.00	32.76 1.16 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	30.68 1.25 0.00	29.20 1.06 0.00	31.45 1.08 0.00	31.99 1.05 0.00	30.71 1.01 0.00	37.13 1.33 0.00	43.69 1.52 0.00	46.20 1.55 0.00	44.21 1.68 0.00	44.07 1.90 0.00	33.90 1.65 -0.17	29.73 1.64 -0.05	37.00 2.02 -0.44	43.95 2.14 -0.82	42.00 2.07 -0.07	39.19 1.91 0.00	48.59 2.05 0.00	43.88 1.71 0.00	39.70 1.38 0.00	41.16 1.50 0.00	36.44 1.34 0.00	36.32 1.38 0.00	34.85 1.42 0.00	32.77 1.17 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	30.66 1.22 0.00	29.17 1.04 0.00	31.43 1.06 0.00	31.97 1.03 0.00	30.69 1.00 0.00	37.10 1.30 0.00	43.66 1.49 0.00	46.18 1.53 0.00	44.19 1.66 0.00	44.05 1.88 0.00	33.89 1.64 -0.17	29.71 1.63 -0.05	36.99 2.01 -0.44	43.93 2.12 -0.82	41.99 2.06 -0.07	39.18 1.90 0.00	48.56 2.02 0.00	43.85 1.68 0.00	39.68 1.35 0.00	41.13 1.47 0.00	36.41 1.31 0.00	36.28 1.34 0.00	34.81 1.38 0.00	32.74 1.14 0.00
FARRAGUT___LBMP 323566	30.63 1.20 0.00	29.15 1.02 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.07 1.27 0.00	43.62 1.45 0.00	46.12 1.47 0.00	44.14 1.61 0.00	44.01 1.83 0.00	33.85 1.60 -0.17	29.67 1.59 -0.05	36.95 1.97 -0.44	43.88 2.07 -0.82	41.93 2.00 -0.07	39.12 1.84 0.00	48.50 1.96 0.00	43.81 1.63 0.00	39.64 1.31 0.00	41.09 1.44 0.00	36.38 1.28 0.00	36.25 1.31 0.00	34.79 1.36 0.00	32.72 1.11 0.00
FENNER___WINDPWR 24204	44.68 0.93 -14.32	29.04 0.86 -0.04	35.43 0.90 -4.15	31.90 0.95 0.00	30.67 0.97 0.00	37.04 1.25 0.00	43.83 1.58 -0.08	46.70 1.70 -0.35	43.77 1.24 0.00	43.06 0.89 0.00	32.67 0.59 0.00	28.61 0.57 0.00	35.23 0.69 0.00	41.85 0.86 0.00	40.77 0.91 0.00	38.17 0.89 0.00	47.89 1.35 0.00	43.88 1.71 0.00	50.23 1.82 -10.08	76.24 1.88 -34.71	40.32 1.61 -3.60	38.52 1.50 -2.09	34.73 1.30 0.00	32.64 1.04 0.00
FIBERTEK___ENERGY 23856	34.97 -0.09 -5.63	28.08 -0.07 -0.02	31.90 -0.10 -1.63	30.86 -0.07 0.00	29.68 -0.02 0.00	35.83 0.03 0.00	42.11 -0.09 -0.03	44.68 -0.10 -0.13	42.13 -0.40 0.00	41.64 -0.53 0.00	31.72 -0.36 0.00	27.72 -0.32 0.00	34.20 -0.34 0.00	40.67 -0.32 0.00	39.60 -0.26 0.00	37.02 -0.27 0.00	46.30 -0.24 0.00	42.38 0.21 0.00	42.65 0.36 -3.96	53.62 0.33 -13.64	36.77 0.26 -1.42	35.97 0.21 -0.82	33.60 0.17 0.00	31.76 0.16 0.00
FITZPATRICK___ 23598	28.67 -0.77 0.00	27.42 -0.72 0.00	29.59 -0.79 0.00	30.16 -0.78 0.00	28.99 -0.71 0.00	34.97 -0.82 0.00	41.12 -1.05 0.00	43.53 -1.12 0.00	41.39 -1.14 0.00	41.00 -1.18 0.00	31.21 -0.87 0.00	27.27 -0.76 0.00	33.61 -0.92 0.00	39.94 -1.05 0.00	38.85 -1.01 0.00	36.32 -0.96 0.00	45.37 -1.17 0.00	41.27 -0.91 0.00	37.56 -0.77 0.00	38.83 -0.82 0.00	34.35 -0.74 0.00	34.20 -0.74 0.00	32.71 -0.73 0.00	30.92 -0.68 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.62 1.19 0.00	29.18 1.05 0.00	31.45 1.08 0.00	32.00 1.06 0.00	30.74 1.03 0.00	37.13 1.33 0.00	43.77 1.60 0.00	46.35 1.70 0.00	44.27 1.74 0.00	44.01 1.84 0.00	33.68 1.47 -0.13	29.53 1.46 -0.04	36.70 1.83 -0.34	43.58 1.96 -0.63	41.82 1.91 -0.05	39.08 1.80 0.00	48.65 2.11 0.00	43.98 1.81 0.00	39.87 1.55 0.00	41.32 1.67 0.00	36.52 1.43 0.00	36.38 1.44 0.00	34.87 1.44 0.00	32.82 1.22 0.00
FORT ORANGE___ 23900	29.68 0.26 0.00	28.41 0.27 0.00	30.62 0.25 0.00	31.12 0.18 0.00	29.94 0.24 0.00	36.07 0.27 0.00	42.47 0.30 0.00	44.99 0.34 0.00	42.79 0.26 0.00	42.31 0.14 0.00	32.01 0.06 0.13	28.02 0.03 0.04	34.11 -0.09 0.34	40.13 -0.24 0.63	39.59 -0.22 0.05	37.19 -0.09 0.00	46.28 -0.26 0.00	41.89 -0.28 0.00	38.01 -0.32 0.00	39.46 -0.19 0.00	35.00 -0.10 0.00	34.93 0.00 0.00	33.52 0.09 0.00	31.70 0.10 0.00
FORT_DRUM_COGEN 23780	92.89 1.59 -61.87	29.76 1.44 -0.18	49.84 1.54 -17.92	32.52 1.57 0.00	31.23 1.53 0.00	37.82 2.02 0.00	45.17 2.64 -0.36	49.05 2.87 -1.53	44.34 1.81 0.00	43.03 0.86 0.00	32.41 0.33 0.00	28.30 0.27 0.00	34.89 0.35 0.00	41.37 0.38 0.00	40.27 0.41 0.00	37.66 0.38 0.00	47.38 0.84 0.00	43.81 1.63 0.00	84.42 2.54 -43.56	192.65 3.08 -149.92	53.42 2.76 -15.57	46.60 2.64 -9.02	35.72 2.28 0.00	33.56 1.96 0.00
FOX_HILLS___ESR 323835	30.82 1.39 0.00	29.31 1.17 0.00	31.60 1.23 0.00	32.17 1.22 0.00	30.89 1.18 0.00	37.27 1.48 0.00	43.75 1.58 0.00	46.20 1.55 0.00	44.31 1.78 0.00	44.18 2.01 0.00	34.08 1.82 -0.18	29.87 1.79 -0.05	37.14 2.16 -0.44	44.10 2.29 -0.82	42.17 2.25 -0.07	39.41 2.13 0.00	48.72 2.18 0.00	44.07 1.89 0.00	39.92 1.59 0.00	41.36 1.70 0.00	37.12 1.59 -0.43	36.55 1.62 0.00	35.08 1.65 0.00	32.99 1.39 0.00
FPL_FAR_ROCK_GT1 24212	31.02 1.59 0.00	29.46 1.32 0.00	31.69 1.32 0.00	32.24 1.30 0.00	30.96 1.26 0.00	37.41 1.61 0.00	43.93 1.76 0.00	46.53 1.88 0.00	44.32 1.79 0.00	44.29 2.11 0.00	34.15 1.90 -0.17	29.95 1.87 -0.05	37.36 2.38 -0.44	44.43 2.61 -0.82	42.27 2.34 -0.07	39.25 1.96 0.00	48.60 2.06 0.00	44.14 1.97 0.00	40.01 1.69 0.00	41.52 1.87 0.00	36.65 1.55 0.00	36.70 1.76 0.00	35.26 1.83 0.00	33.14 1.54 0.00
FPL_FAR_ROCK_GT2 23815	31.02 1.59 0.00	29.46 1.32 0.00	31.69 1.32 0.00	32.24 1.30 0.00	30.96 1.26 0.00	37.41 1.61 0.00	43.93 1.76 0.00	46.53 1.88 0.00	44.32 1.79 0.00	44.29 2.11 0.00	34.15 1.90 -0.17	29.95 1.87 -0.05	37.36 2.38 -0.44	44.43 2.61 -0.82	42.27 2.34 -0.07	39.25 1.96 0.00	48.60 2.06 0.00	44.14 1.97 0.00	40.01 1.69 0.00	41.52 1.87 0.00	36.65 1.55 0.00	36.70 1.76 0.00	35.26 1.83 0.00	33.14 1.54 0.00
FRANKLIN_FALL_HYD 24054	114.56 1.36 -83.77	29.48 1.10 -0.24	55.87 1.23 -24.27	32.12 1.18 0.00	30.83 1.12 0.00	37.17 1.37 0.00	44.61 1.95 -0.49	48.85 2.14 -2.07	44.23 1.70 0.00	43.62 1.44 0.00	33.04 0.96 0.00	28.82 0.78 0.00	35.52 0.98 0.00	42.28 1.29 0.00	41.11 1.25 0.00	38.54 1.26 0.00	48.16 1.62 0.00	43.67 1.49 -0.01	98.89 1.58 -58.98	244.38 1.73 -203.00	57.86 1.68 -21.08	48.54 1.39 -12.21	34.46 1.03 0.00	32.56 0.96 0.00

FREEPORT_EQUS_GT1 23764	30.75 1.32 0.00	29.20 1.06 0.00	31.42 1.05 0.00	31.98 1.04 0.00	30.70 1.00 0.00	37.07 1.27 0.00	43.54 1.37 0.00	46.18 1.53 0.00	44.13 1.60 0.00	44.08 1.91 0.00	33.98 1.73 -0.17	29.80 1.72 -0.05	37.14 2.16 -0.44	44.18 2.36 -0.82	42.03 2.11 -0.07	39.01 1.73 0.00	48.23 1.69 0.00	43.62 1.44 0.00	39.56 1.24 0.00	41.08 1.42 0.00	36.24 1.14 0.00	36.31 1.38 0.00	34.94 1.51 0.00	32.82 1.22 0.00
FREEPORT___CT2 23818	30.75 1.32 0.00	29.20 1.06 0.00	31.42 1.05 0.00	31.98 1.04 0.00	30.70 1.00 0.00	37.07 1.27 0.00	43.54 1.37 0.00	46.18 1.53 0.00	44.13 1.60 0.00	44.08 1.91 0.00	33.98 1.73 -0.17	29.80 1.72 -0.05	37.14 2.16 -0.44	44.18 2.36 -0.82	42.03 2.11 -0.07	39.01 1.73 0.00	48.23 1.69 0.00	43.62 1.44 0.00	39.56 1.24 0.00	41.08 1.42 0.00	36.24 1.14 0.00	36.31 1.38 0.00	34.94 1.51 0.00	32.82 1.22 0.00
FRESHKLS_33_KV_LOAD 356253	31.00 1.57 0.00	29.51 1.37 0.00	31.84 1.46 0.00	32.41 1.47 0.00	31.13 1.43 0.00	37.51 1.72 0.00	43.92 1.75 0.00	46.26 1.61 0.00	44.42 1.89 0.00	44.28 2.11 0.00	34.25 1.99 -0.18	29.99 1.90 -0.05	37.25 2.26 -0.44	44.24 2.42 -0.82	42.40 2.47 -0.07	39.65 2.37 0.00	48.94 2.40 0.00	44.36 2.18 0.00	40.26 1.94 0.00	41.68 2.03 0.00	37.42 1.88 -0.43	36.73 1.79 0.00	35.25 1.81 0.00	33.15 1.55 0.00
FULTON COGEN____ 23766	36.66 -0.42 -7.66	27.78 -0.39 -0.02	32.15 -0.45 -2.22	30.51 -0.43 0.00	29.33 -0.38 0.00	35.42 -0.38 0.00	41.69 -0.52 -0.04	44.29 -0.55 -0.19	41.89 -0.64 0.00	41.45 -0.73 0.00	31.53 -0.55 0.00	27.57 -0.47 0.00	33.98 -0.56 0.00	40.37 -0.62 0.00	39.24 -0.62 0.00	36.69 -0.59 0.00	45.86 -0.68 0.00	41.78 -0.40 0.00	43.45 -0.26 -5.39	57.94 -0.27 -18.55	36.76 -0.27 -1.93	35.78 -0.28 -1.12	33.15 -0.28 0.00	31.36 -0.25 0.00
FULTON___LFGE 323630	30.69 1.26 0.00	29.31 1.17 0.00	31.62 1.25 0.00	32.24 1.30 0.00	30.97 1.27 0.00	37.41 1.61 0.00	44.19 2.02 0.00	46.65 2.00 0.00	43.54 1.01 0.00	42.97 0.79 0.00	32.24 0.26 0.10	28.03 0.03 0.03	34.44 0.14 0.25	40.68 0.16 0.47	40.04 0.22 0.04	37.45 0.17 0.00	47.47 0.93 0.00	43.79 1.62 0.00	40.36 2.03 0.00	41.97 2.32 0.00	37.15 2.06 0.00	36.82 1.88 0.00	35.11 1.68 0.00	33.05 1.45 0.00
G.F.CEMENT___DRP 24184	31.10 1.67 0.00	29.55 1.41 0.00	31.98 1.61 0.00	32.53 1.58 0.00	31.31 1.61 0.00	37.91 2.11 0.00	44.71 2.54 0.00	47.33 2.68 0.00	44.60 2.06 0.00	43.85 1.67 0.00	32.84 0.93 0.17	28.71 0.73 0.05	35.05 0.96 0.45	41.28 1.13 0.84	40.95 1.15 0.07	38.62 1.34 0.00	48.52 1.97 0.00	44.13 1.96 0.00	40.39 2.07 0.00	41.96 2.31 0.00	37.26 2.16 0.00	37.05 2.12 0.00	35.60 2.17 0.00	33.24 1.64 0.00
GARDENVILLE___LBMP 24039	28.65 -0.77 0.00	27.56 -0.58 0.00	29.77 -0.61 0.00	30.47 -0.47 0.00	29.40 -0.30 0.00	35.50 -0.30 0.00	40.74 -1.43 0.00	43.06 -1.59 0.00	41.20 -1.33 0.00	41.23 -0.94 0.00	31.75 -0.33 0.00	27.46 -0.58 0.00	34.14 -0.40 0.00	40.89 -0.10 0.00	39.80 -0.06 0.00	36.93 -0.36 0.00	46.00 -0.54 0.00	42.09 -0.08 0.00	38.48 0.16 0.00	39.38 -0.27 0.00	34.82 -0.28 0.00	34.67 -0.27 0.00	33.18 -0.25 0.00	31.93 0.33 0.00
GARDNVLA_35_KV_LD 355827	28.79 -0.64 0.00	27.69 -0.45 0.00	29.91 -0.47 0.00	30.60 -0.34 0.00	29.52 -0.18 0.00	35.63 -0.16 0.00	40.88 -1.29 0.00	43.21 -1.44 0.00	41.37 -1.16 0.00	41.40 -0.77 0.00	31.90 -0.18 0.00	27.58 -0.46 0.00	34.29 -0.25 0.00	41.08 0.09 0.00	40.01 0.14 0.00	37.14 -0.14 0.00	46.28 -0.25 0.00	42.36 0.19 0.00	38.71 0.39 0.00	39.61 -0.04 0.00	35.02 -0.08 0.00	34.85 -0.09 0.00	33.34 -0.09 0.00	32.08 0.47 0.00
GELCKHM___115KV_LOAD 80723	35.44 -0.24 -6.25	27.94 -0.22 -0.02	31.93 -0.26 -1.81	30.71 -0.24 0.00	29.52 -0.18 0.00	35.64 -0.16 0.00	41.90 -0.31 -0.04	44.32 -0.49 -0.17	41.98 -0.56 0.00	41.58 -0.59 0.00	31.68 -0.40 0.00	27.68 -0.35 0.00	34.14 -0.40 0.00	40.58 -0.41 0.00	39.50 -0.37 0.00	36.90 -0.38 0.00	46.12 -0.43 0.00	42.15 -0.02 0.00	42.83 0.10 -4.40	54.87 0.06 -15.15	36.68 0.01 -1.57	35.82 -0.03 -0.91	33.39 -0.04 0.00	31.56 -0.04 0.00
GENERAL___MILLS 23808	28.73 -0.70 0.00	27.64 -0.50 0.00	29.85 -0.52 0.00	30.55 -0.39 0.00	29.48 -0.23 0.00	35.57 -0.23 0.00	40.81 -1.36 0.00	43.14 -1.51 0.00	41.29 -1.24 0.00	41.32 -0.85 0.00	31.83 -0.25 0.00	27.52 -0.52 0.00	34.21 -0.32 0.00	40.99 0.00 0.00	39.90 0.04 0.00	37.03 -0.25 0.00	46.14 -0.40 0.00	42.22 0.05 0.00	38.59 0.27 0.00	39.49 -0.16 0.00	34.93 -0.17 0.00	34.76 -0.18 0.00	33.27 -0.16 0.00	32.01 0.40 0.00
GE_PLASTICS___DRP 24183	29.67 0.25 0.00	28.44 0.30 0.00	30.68 0.30 0.00	31.20 0.26 0.00	30.00 0.30 0.00	36.12 0.32 0.00	42.54 0.38 0.00	45.06 0.41 0.00	42.89 0.36 0.00	42.47 0.30 0.00	32.13 0.14 0.09	28.04 0.03 0.03	34.20 -0.10 0.23	40.29 -0.26 0.43	39.56 -0.27 0.03	37.04 -0.24 0.00	46.12 -0.42 0.00	41.71 -0.46 0.00	37.77 -0.56 0.00	39.16 -0.50 0.00	34.75 -0.35 0.00	34.68 -0.25 0.00	33.29 -0.14 0.00	31.56 -0.04 0.00
GILBOA___1 23756	29.77 0.34 0.00	28.61 0.47 0.00	30.86 0.49 0.00	31.43 0.49 0.00	30.19 0.48 0.00	36.23 0.43 0.00	42.63 0.46 0.00	45.13 0.48 0.00	42.97 0.43 0.00	42.61 0.44 0.00	32.41 0.33 0.00	28.37 0.34 0.00	34.96 0.42 0.00	41.38 0.39 0.00	40.22 0.36 0.00	37.62 0.34 0.00	46.87 0.33 0.00	42.37 0.20 0.00	38.31 -0.01 0.00	39.70 0.05 0.00	35.25 0.15 0.00	35.24 0.30 0.00	33.80 0.37 0.00	31.95 0.34 0.00
GILBOA___2 23757	29.77 0.34 0.00	28.61 0.47 0.00	30.86 0.49 0.00	31.43 0.49 0.00	30.19 0.48 0.00	36.23 0.43 0.00	42.63 0.46 0.00	45.13 0.48 0.00	42.97 0.43 0.00	42.61 0.44 0.00	32.41 0.33 0.00	28.37 0.34 0.00	34.96 0.42 0.00	41.38 0.39 0.00	40.22 0.36 0.00	37.62 0.34 0.00	46.87 0.33 0.00	42.37 0.20 0.00	38.31 -0.01 0.00	39.70 0.05 0.00	35.25 0.15 0.00	35.24 0.30 0.00	33.80 0.37 0.00	31.95 0.34 0.00
GILBOA___3 23758	29.77 0.34 0.00	28.61 0.47 0.00	30.86 0.49 0.00	31.43 0.49 0.00	30.19 0.48 0.00	36.23 0.43 0.00	42.63 0.46 0.00	45.13 0.48 0.00	42.97 0.43 0.00	42.61 0.44 0.00	32.41 0.33 0.00	28.37 0.34 0.00	34.96 0.42 0.00	41.38 0.39 0.00	40.22 0.36 0.00	37.62 0.34 0.00	46.87 0.33 0.00	42.37 0.20 0.00	38.31 -0.01 0.00	39.70 0.05 0.00	35.25 0.15 0.00	35.24 0.30 0.00	33.80 0.37 0.00	31.95 0.34 0.00
GILBOA___4 23759	29.77 0.34 0.00	28.61 0.47 0.00	30.86 0.49 0.00	31.43 0.49 0.00	30.19 0.48 0.00	36.23 0.43 0.00	42.63 0.46 0.00	45.13 0.48 0.00	42.97 0.43 0.00	42.61 0.44 0.00	32.41 0.33 0.00	28.37 0.34 0.00	34.96 0.42 0.00	41.38 0.39 0.00	40.22 0.36 0.00	37.62 0.34 0.00	46.87 0.33 0.00	42.37 0.20 0.00	38.31 -0.01 0.00	39.70 0.05 0.00	35.25 0.15 0.00	35.24 0.30 0.00	33.80 0.37 0.00	31.95 0.34 0.00

GILBOA____ 23599	29.77 0.34 0.00	28.61 0.47 0.00	30.86 0.49 0.00	31.43 0.49 0.00	30.19 0.48 0.00	36.23 0.43 0.00	42.63 0.46 0.00	45.13 0.48 0.00	42.97 0.43 0.00	42.61 0.44 0.00	32.41 0.33 0.00	28.37 0.34 0.00	34.96 0.42 0.00	41.38 0.39 0.00	40.22 0.36 0.00	37.62 0.34 0.00	46.88 0.34 0.00	42.37 0.20 0.00	38.31 -0.01 0.00	39.70 0.05 0.00	35.25 0.15 0.00	35.24 0.30 0.00	33.80 0.37 0.00	31.95 0.34 0.00
GINNA____ 23603	27.88 -1.55 0.00	26.72 -1.42 0.00	28.83 -1.54 0.00	29.44 -1.50 0.00	28.35 -1.36 0.00	34.30 -1.50 0.00	40.08 -2.09 0.00	42.39 -2.26 0.00	40.34 -2.20 0.00	40.07 -2.10 0.00	30.63 -1.45 0.00	26.67 -1.37 0.00	32.80 -1.74 0.00	39.34 -1.65 0.00	38.35 -1.51 0.00	35.77 -1.51 0.00	44.77 -1.77 0.00	40.95 -1.23 0.00	37.44 -0.89 0.00	38.53 -1.12 0.00	33.99 -1.11 0.00	33.71 -1.23 0.00	32.17 -1.26 0.00	30.54 -1.07 0.00
GLEN PARK____ 23778	89.70 1.72 -58.55	29.87 1.56 -0.17	49.01 1.67 -16.96	32.64 1.70 0.00	31.35 1.65 0.00	37.97 2.17 0.00	45.36 2.85 -0.34	49.19 3.10 -1.44	44.49 1.96 0.00	43.08 0.91 0.00	32.41 0.33 0.00	28.30 0.27 0.00	34.89 0.35 0.00	41.34 0.35 0.00	40.25 0.39 0.00	37.65 0.36 0.00	47.38 0.84 0.00	43.91 1.73 0.00	82.29 2.74 -41.23	184.91 3.37 -141.89	52.84 3.01 -14.73	46.36 2.88 -8.53	35.92 2.49 0.00	33.73 2.13 0.00
GLENDALE_27_KV_LOAD 356172	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.10 1.16 0.00	30.82 1.12 0.00	37.23 1.44 0.00	43.82 1.65 0.00	46.35 1.70 0.00	44.42 1.89 0.00	44.28 2.11 0.00	34.07 1.83 -0.17	29.87 1.78 -0.05	37.17 2.19 -0.44	44.18 2.36 -0.82	42.20 2.27 -0.07	39.38 2.10 0.00	48.77 2.23 0.00	44.05 1.88 0.00	39.89 1.57 0.00	41.34 1.69 0.00	36.62 1.52 0.00	36.49 1.55 0.00	35.02 1.58 0.00	32.91 1.31 0.00
GLENWOOD_IC_1_G5 23712	30.72 1.28 0.00	29.21 1.08 0.00	31.45 1.08 0.00	32.01 1.07 0.00	30.74 1.04 0.00	37.12 1.32 0.00	43.65 1.48 0.00	46.23 1.58 0.00	44.23 1.70 0.00	44.13 1.95 0.00	33.96 1.71 -0.17	29.79 1.70 -0.05	37.13 2.15 -0.44	44.12 2.31 -0.82	42.06 2.13 -0.07	39.13 1.84 0.00	48.44 1.90 0.00	43.50 1.33 0.00	39.39 1.06 0.00	40.90 1.25 0.00	36.35 1.25 0.00	36.33 1.39 0.00	34.91 1.48 0.00	32.80 1.20 0.00
GLENWOOD_IC_2_G1 23688	30.59 1.17 0.00	29.12 0.98 0.00	31.36 0.98 0.00	31.91 0.96 0.00	30.64 0.94 0.00	37.00 1.21 0.00	43.52 1.36 0.00	46.09 1.44 0.00	44.07 1.54 0.00	43.94 1.77 0.00	33.79 1.55 -0.17	29.63 1.54 -0.05	36.90 1.92 -0.44	43.87 2.05 -0.82	41.85 1.92 -0.07	38.97 1.68 0.00	48.30 1.76 0.00	43.61 1.44 0.00	39.50 1.17 0.00	40.97 1.32 0.00	36.25 1.15 0.00	36.19 1.26 0.00	34.76 1.33 0.00	32.70 1.09 0.00
GLENWOOD_IC_3_G1 23689	30.59 1.17 0.00	29.12 0.98 0.00	31.36 0.98 0.00	31.91 0.96 0.00	30.64 0.94 0.00	37.00 1.21 0.00	43.52 1.36 0.00	46.09 1.44 0.00	44.07 1.54 0.00	43.94 1.77 0.00	33.79 1.55 -0.17	29.63 1.54 -0.05	36.90 1.92 -0.44	43.87 2.05 -0.82	41.85 1.92 -0.07	38.97 1.68 0.00	48.30 1.76 0.00	43.61 1.44 0.00	39.50 1.17 0.00	40.97 1.32 0.00	36.25 1.15 0.00	36.19 1.26 0.00	34.76 1.33 0.00	32.70 1.09 0.00
GLENWOOD____4 23550	30.72 1.28 0.00	29.21 1.08 0.00	31.45 1.08 0.00	32.01 1.07 0.00	30.74 1.04 0.00	37.12 1.32 0.00	43.65 1.48 0.00	46.23 1.58 0.00	44.23 1.70 0.00	44.13 1.95 0.00	33.96 1.71 -0.17	29.79 1.70 -0.05	37.13 2.15 -0.44	44.12 2.31 -0.82	42.06 2.13 -0.07	39.13 1.84 0.00	48.45 1.91 0.00	43.61 1.43 0.00	39.49 1.16 0.00	40.99 1.34 0.00	36.35 1.25 0.00	36.33 1.39 0.00	34.91 1.48 0.00	32.80 1.20 0.00
GLENWOOD____5 23614	30.72 1.28 0.00	29.21 1.08 0.00	31.45 1.08 0.00	32.01 1.07 0.00	30.74 1.04 0.00	37.12 1.32 0.00	43.65 1.48 0.00	46.23 1.58 0.00	44.23 1.70 0.00	44.13 1.95 0.00	33.96 1.71 -0.17	29.79 1.70 -0.05	37.13 2.15 -0.44	44.12 2.31 -0.82	42.06 2.13 -0.07	39.13 1.84 0.00	48.45 1.91 0.00	43.61 1.43 0.00	39.49 1.16 0.00	40.99 1.34 0.00	36.35 1.25 0.00	36.33 1.39 0.00	34.91 1.48 0.00	32.80 1.20 0.00
GLOBAL GREEN_PORT_GT1 23814	31.00 1.57 0.00	29.38 1.24 0.00	31.71 1.34 0.00	32.28 1.34 0.00	30.90 1.20 0.00	37.37 1.57 0.00	43.81 1.64 0.00	46.46 1.81 0.00	44.26 1.73 0.00	43.94 1.76 0.00	33.67 1.42 -0.17	5.45 1.35 23.93	34.93 1.85 1.45	36.85 2.13 6.27	29.26 1.82 12.43	38.86 1.59 0.01	47.90 1.36 0.00	43.37 1.20 0.00	39.49 1.16 0.00	41.20 1.55 0.00	36.10 1.00 0.00	35.86 0.92 0.00	34.43 1.00 0.00	32.20 0.60 0.00
GLOBE____DSASP 323697	28.25 -1.18 0.00	27.20 -0.94 0.00	29.40 -0.98 0.00	30.09 -0.85 0.00	29.03 -0.67 0.00	34.95 -0.85 0.00	39.83 -2.34 0.00	41.98 -2.67 0.00	40.30 -2.24 0.00	40.46 -1.72 0.00	31.18 -0.89 0.00	26.87 -1.17 0.00	33.41 -1.13 0.00	40.06 -0.94 0.00	38.98 -0.88 0.00	36.12 -1.16 0.00	44.63 -1.91 0.00	40.76 -1.41 0.00	37.35 -0.98 0.00	38.17 -1.48 0.00	33.78 -1.32 0.00	33.66 -1.28 0.00	32.44 -0.99 0.00	31.42 -0.18 0.00
GOETHSLN____LBMP 323567	30.47 1.04 0.00	29.00 0.87 0.00	31.24 0.87 0.00	31.79 0.85 0.00	30.52 0.82 0.00	36.89 1.09 0.00	43.38 1.21 0.00	45.87 1.23 0.00	43.88 1.34 0.00	43.73 1.56 0.00	33.66 1.41 -0.17	29.52 1.44 -0.05	36.75 1.77 -0.44	43.64 1.82 -0.82	41.70 1.78 -0.07	38.91 1.62 0.00	48.24 1.70 0.00	43.58 1.41 0.00	39.43 1.10 0.00	40.87 1.22 0.00	36.18 1.08 0.00	36.07 1.13 0.00	34.62 1.19 0.00	32.56 0.96 0.00
GOLAH____69_KV_TB 1_2 80279	29.34 -0.09 0.00	28.13 -0.01 0.00	30.39 0.01 0.00	31.05 0.11 0.00	29.95 0.24 0.00	36.27 0.47 0.00	42.21 0.04 0.00	44.52 -0.13 0.00	42.35 -0.18 0.00	42.08 -0.10 0.00	32.18 0.10 0.00	27.97 -0.07 0.00	34.70 0.16 0.00	41.46 0.47 0.00	40.37 0.51 0.00	37.65 0.37 0.00	46.96 0.42 0.00	43.02 0.85 0.00	39.46 1.13 0.00	40.65 1.00 0.00	35.85 0.75 0.00	35.58 0.64 0.00	33.98 0.55 0.00	32.39 0.79 0.00
GOODYEAR_LAKE_HYD 323669	30.13 0.69 0.00	28.85 0.71 0.00	31.11 0.73 0.00	31.70 0.76 0.00	30.45 0.74 0.00	36.73 0.94 0.00	43.30 1.13 0.00	45.80 1.15 0.00	43.48 0.94 0.00	43.18 1.00 0.00	32.94 0.86 0.00	28.81 0.77 0.00	35.55 1.00 0.00	42.26 1.27 0.00	41.16 1.30 0.00	38.35 1.06 0.00	47.94 1.40 0.00	43.66 1.49 0.00	39.71 1.39 0.00	41.08 1.43 0.00	36.34 1.24 0.00	36.10 1.17 0.00	34.47 1.04 0.00	32.50 0.90 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.32 -0.11 0.00	28.11 -0.03 0.00	30.32 -0.06 0.00	30.92 -0.02 0.00	29.72 0.02 0.00	35.92 0.12 0.00	42.13 -0.04 0.00	44.65 0.00 0.00	42.42 -0.12 0.00	42.01 -0.16 0.00	32.06 -0.02 0.00	28.02 -0.02 0.00	34.61 0.07 0.00	41.12 0.13 0.00	40.01 0.15 0.00	37.35 0.07 0.00	46.74 0.20 0.00	42.61 0.44 0.00	38.73 0.40 0.00	40.00 0.34 0.00	35.41 0.31 0.00	35.27 0.33 0.00	33.68 0.25 0.00	31.88 0.27 0.00

GOUDEY___7 23579	29.32 -0.11 0.00	28.11 -0.03 0.00	30.32 -0.06 0.00	30.92 -0.02 0.00	29.72 0.02 0.00	35.92 0.12 0.00	42.13 -0.04 0.00	44.65 0.00 0.00	42.42 -0.12 0.00	42.01 -0.16 0.00	32.06 -0.02 0.00	28.02 -0.02 0.00	34.61 0.07 0.00	41.12 0.13 0.00	40.01 0.15 0.00	37.35 0.07 0.00	46.74 0.20 0.00	42.61 0.44 0.00	38.73 0.40 0.00	40.00 0.34 0.00	35.41 0.31 0.00	35.27 0.33 0.00	33.68 0.25 0.00	31.88 0.27 0.00
GOUDEY___8 23580	29.32 -0.11 0.00	28.11 -0.03 0.00	30.32 -0.06 0.00	30.92 -0.02 0.00	29.72 0.02 0.00	35.92 0.12 0.00	42.13 -0.04 0.00	44.65 0.00 0.00	42.42 -0.12 0.00	42.01 -0.16 0.00	32.06 -0.02 0.00	28.02 -0.02 0.00	34.61 0.07 0.00	41.12 0.13 0.00	40.01 0.15 0.00	37.35 0.07 0.00	46.74 0.20 0.00	42.61 0.44 0.00	38.73 0.40 0.00	40.00 0.34 0.00	35.41 0.31 0.00	35.27 0.33 0.00	33.68 0.25 0.00	31.88 0.27 0.00
GOWANUS_GT1_1 24077	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT1_2 24078	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT1_3 24079	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT1_4 24080	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 0.00	29.88 1.79 -0.05	37.16 2.18 2.18	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT1_5 24084	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT1_6 24111	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT1_7 24112	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT1_8 24113	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT2_1 24114	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT2_2 24115	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT2_3 24116	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT2_4 24117	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT2_5 24118	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00

GOWANUS_GT2_6 24119	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT2_7 24120	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT2_8 24121	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT3_1 24122	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT3_2 24123	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT3_3 24124	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT3_4 24125	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT3_5 24126	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT3_6 24127	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT3_7 24128	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT3_8 24129	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT4_1 24130	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT4_2 24131	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT4_3 24132	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT4_4 24133	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00

GOWANUS_GT4_5 24134	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT4_6 24135	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT4_7 24136	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GOWANUS_GT4_8 24137	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GREATVR_69_KV_BK1 356245	31.12 1.69 0.00	29.49 1.35 0.00	31.72 1.35 0.00	32.26 1.33 0.00	30.97 1.27 0.00	37.46 1.66 0.00	43.98 1.81 0.00	46.66 2.01 0.00	44.67 2.14 0.00	44.59 2.42 0.00	34.34 2.09 -0.17	32.96 1.95 -2.98	37.88 2.67 -0.67	45.75 3.06 -1.69	44.13 2.67 -1.59	39.51 2.23 0.00	48.86 2.33 0.00	44.17 2.00 0.00	40.10 1.77 0.00	41.61 1.96 0.00	36.66 1.56 0.00	36.73 1.79 0.00	35.30 1.87 0.00	33.10 1.50 0.00
GREENBSH_115KV_TB3 55895	29.59 0.15 0.00	28.32 0.18 0.00	30.53 0.15 0.00	31.03 0.08 0.00	29.85 0.15 0.00	35.94 0.15 0.00	42.32 0.15 0.00	44.82 0.17 0.00	42.69 0.16 0.00	42.25 0.08 0.00	31.97 0.02 0.13	28.02 0.02 0.04	34.10 -0.10 0.34	40.12 -0.25 0.63	39.58 -0.23 0.05	37.13 -0.15 0.00	46.23 -0.31 0.00	41.80 -0.37 0.00	37.86 -0.47 0.00	39.26 -0.38 0.00	34.82 -0.28 0.00	34.78 -0.15 0.00	33.38 -0.05 0.00	31.58 -0.02 0.00
GREENDGE_115KV_TB5 80291	29.42 -0.01 0.00	28.23 0.09 0.00	30.47 0.09 0.00	31.14 0.20 0.00	29.98 0.28 0.00	36.29 0.49 0.00	42.33 0.16 0.00	44.76 0.11 0.00	42.36 -0.17 0.00	41.73 -0.44 0.00	31.89 -0.19 0.00	27.79 -0.24 0.00	34.36 -0.17 0.00	40.94 -0.05 0.00	39.90 0.04 0.00	37.25 -0.04 0.00	46.41 -0.13 0.00	42.79 0.62 0.00	39.27 0.95 0.00	40.52 0.87 0.00	35.99 0.89 0.00	35.97 1.03 0.00	34.26 0.83 0.00	32.47 0.87 0.00
GREENIDGE___3 23582	29.42 -0.01 0.00	28.23 0.09 0.00	30.47 0.09 0.00	31.14 0.20 0.00	29.98 0.28 0.00	36.29 0.49 0.00	42.33 0.16 0.00	44.76 0.11 0.00	42.36 -0.17 0.00	41.73 -0.44 0.00	31.89 -0.19 0.00	27.79 -0.24 0.00	34.36 -0.17 0.00	40.94 -0.05 0.00	39.90 0.04 0.00	37.25 -0.04 0.00	46.41 -0.13 0.00	42.79 0.62 0.00	39.27 0.95 0.00	40.52 0.87 0.00	35.99 0.89 0.00	35.97 1.03 0.00	34.26 0.83 0.00	32.47 0.87 0.00
GREENIDGE___4 23583	29.42 -0.01 0.00	28.23 0.09 0.00	30.47 0.09 0.00	31.14 0.20 0.00	29.98 0.28 0.00	36.29 0.49 0.00	42.33 0.16 0.00	44.77 0.12 0.00	42.38 -0.15 0.00	41.70 -0.47 0.00	31.89 -0.19 0.00	27.79 -0.24 0.00	34.37 -0.17 0.00	40.94 -0.05 0.00	39.89 0.03 0.00	37.25 -0.04 0.00	46.41 -0.13 0.00	42.80 0.62 0.00	39.27 0.94 0.00	40.52 0.87 0.00	36.00 0.90 0.00	35.96 1.02 0.00	34.26 0.83 0.00	32.47 0.87 0.00
GREENLWN_69_KV_BK 3 55738	30.45 1.01 0.00	28.88 0.75 0.00	31.08 0.70 0.00	31.62 0.67 0.00	30.35 0.64 0.00	36.61 0.82 0.00	42.88 0.71 0.00	45.45 0.80 0.00	43.54 1.01 0.00	43.58 1.41 0.00	33.66 1.41 -0.17	29.54 1.45 -0.05	36.83 1.85 -0.44	43.86 2.05 -0.82	41.63 1.70 -0.07	38.39 1.11 0.00	47.28 0.75 0.00	42.75 0.57 0.00	38.77 0.45 0.00	40.29 0.64 0.00	35.53 0.43 0.00	35.79 0.85 0.00	34.53 1.10 0.00	32.48 0.87 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
GRISSOM___SOLAR 323813	30.68 1.25 0.00	29.30 1.16 0.00	31.60 1.23 0.00	32.21 1.27 0.00	30.96 1.26 0.00	37.39 1.59 0.00	44.15 1.98 0.00	46.59 1.94 0.00	43.39 0.86 0.00	42.80 0.63 0.00	32.10 0.11 0.10	27.82 -0.18 0.03	34.20 -0.09 0.25	40.35 -0.16 0.48	39.71 -0.11 0.04	37.15 -0.14 0.00	47.17 0.63 0.00	43.57 1.40 0.00	40.19 1.87 0.00	41.83 2.18 0.00	37.03 1.93 0.00	36.72 1.79 0.00	35.06 1.63 0.00	33.01 1.41 0.00
GROVEVILLE___HYD 323602	30.62 1.19 0.00	29.18 1.05 0.00	31.45 1.08 0.00	32.00 1.06 0.00	30.74 1.03 0.00	37.13 1.33 0.00	43.77 1.60 0.00	46.35 1.70 0.00	44.27 1.74 0.00	44.01 1.84 0.00	33.68 1.47 -0.13	29.53 1.46 -0.04	36.70 1.83 -0.34	43.58 1.96 -0.63	41.82 1.91 -0.05	39.08 1.80 0.00	48.65 2.11 0.00	43.98 1.81 0.00	39.87 1.55 0.00	41.32 1.67 0.00	36.52 1.43 0.00	36.38 1.44 0.00	34.87 1.44 0.00	32.82 1.22 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.97 -0.09 -5.63	28.08 -0.07 -0.02	31.90 -0.10 -1.63	30.86 -0.07 0.00	29.68 -0.02 0.00	35.83 0.03 0.00	42.11 -0.09 -0.03	44.68 -0.10 -0.13	42.13 -0.40 0.00	41.64 -0.53 0.00	31.72 -0.36 0.00	27.72 -0.32 0.00	34.20 -0.34 0.00	40.67 -0.32 0.00	39.60 -0.26 0.00	37.02 -0.27 0.00	46.30 -0.24 0.00	42.38 0.21 0.00	42.65 0.36 -3.96	53.62 0.33 -13.64	36.77 0.26 -1.42	35.97 0.21 -0.82	33.60 0.17 0.00	31.76 0.16 0.00
HAMLTNNY_34_KV_TB 80303	34.17 -0.13 -4.87	28.06 -0.09 -0.01	31.65 -0.14 -1.41	30.87 -0.07 0.00	29.70 -0.01 0.00	35.88 0.08 0.00	42.13 -0.07 -0.03	44.63 -0.14 -0.12	42.20 -0.34 0.00	41.75 -0.42 0.00	31.84 -0.24 0.00	27.79 -0.24 0.00	34.27 -0.27 0.00	40.84 -0.15 0.00	39.79 -0.07 0.00	37.18 -0.10 0.00	46.46 -0.08 0.00	42.47 0.30 0.00	42.26 0.51 -3.43	51.92 0.47 -11.80	36.67 0.34 -1.23	35.96 0.31 -0.71	33.69 0.26 0.00	31.91 0.30 0.00

HAMPSHIRE___PAPER_HYD 323593	186.95 1.11 -156.41	29.53 0.94 -0.45	76.76 1.07 -45.32	32.01 1.07 0.00	30.70 0.99 0.00	37.05 1.25 0.00	44.80 1.72 -0.91	50.40 1.90 -3.86	43.80 1.27 0.00	42.92 0.74 0.00	32.47 0.39 0.00	28.34 0.31 0.00	34.89 0.35 0.00	41.48 0.49 0.00	40.29 0.43 0.00	37.70 0.42 0.00	47.22 0.68 0.00	43.18 1.00 -0.01	149.95 1.50 -110.13	420.43 1.75 -379.03	76.09 1.64 -39.36	59.30 1.56 -22.80	34.72 1.28 0.00	32.73 1.12 0.00
HARDSCRABBLE_WT_PWR 323673	35.44 0.48 -5.53	28.58 0.43 -0.02	32.36 0.38 -1.60	31.32 0.38 0.00	30.13 0.43 0.00	36.34 0.55 0.00	42.92 0.72 -0.03	45.52 0.74 -0.14	42.78 0.25 0.00	42.10 -0.07 0.00	31.74 -0.34 0.00	27.69 -0.34 0.00	34.26 -0.28 0.00	40.44 -0.55 0.00	39.23 -0.63 0.00	36.94 -0.35 0.00	46.57 0.03 0.00	42.51 0.34 0.00	42.67 0.45 -3.90	53.67 0.61 -13.41	37.05 0.56 -1.39	36.37 0.62 -0.81	33.98 0.55 0.00	32.02 0.42 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	30.39 0.95 0.00	28.96 0.83 0.00	31.23 0.85 0.00	31.80 0.85 0.00	30.53 0.82 0.00	36.92 1.13 0.00	43.45 1.28 0.00	45.99 1.34 0.00	43.93 1.40 0.00	43.72 1.55 0.00	33.52 1.29 -0.14	29.38 1.31 -0.04	36.55 1.64 -0.37	43.46 1.77 -0.70	41.64 1.73 -0.06	38.88 1.59 0.00	48.42 1.88 0.00	43.78 1.60 0.00	39.66 1.33 0.00	41.05 1.40 0.00	36.25 1.16 0.00	36.13 1.19 0.00	34.65 1.21 0.00	32.61 1.00 0.00
HARSNRAD_115KV_TB1 81005	28.53 -0.90 0.00	27.47 -0.67 0.00	29.67 -0.70 0.00	30.36 -0.58 0.00	29.29 -0.42 0.00	35.33 -0.46 0.00	40.37 -1.81 0.00	42.53 -2.12 0.00	40.73 -1.80 0.00	40.79 -1.39 0.00	31.40 -0.68 0.00	27.09 -0.94 0.00	33.86 -0.68 0.00	40.41 -0.58 0.00	39.30 -0.57 0.00	36.43 -0.85 0.00	45.29 -1.25 0.00	41.43 -0.74 0.00	38.01 -0.32 0.00	38.90 -0.75 0.00	34.40 -0.70 0.00	34.28 -0.66 0.00	32.84 -0.59 0.00	31.71 0.11 0.00
HARZA MOOSE___RIVER 24016	74.44 1.09 -43.93	29.26 0.99 -0.13	44.15 1.05 -12.73	32.02 1.08 0.00	30.77 1.06 0.00	37.17 1.37 0.00	44.20 1.77 -0.25	47.64 1.91 -1.08	43.83 1.29 0.00	42.96 0.79 0.00	32.54 0.46 0.00	28.45 0.42 0.00	35.03 0.49 0.00	41.60 0.61 0.00	40.52 0.66 0.00	37.92 0.64 0.00	47.55 1.01 0.00	43.64 1.46 0.00	71.06 1.80 -30.93	148.11 2.01 -106.45	47.93 1.78 -11.05	43.02 1.68 -6.40	34.91 1.48 0.00	32.86 1.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	35.68 -0.22 -6.47	27.97 -0.19 -0.02	32.02 -0.23 -1.88	30.73 -0.22 0.00	29.55 -0.15 0.00	35.68 -0.12 0.00	41.97 -0.24 -0.04	44.55 -0.25 -0.16	42.16 -0.37 0.00	41.76 -0.42 0.00	31.81 -0.26 0.00	27.81 -0.22 0.00	34.30 -0.24 0.00	40.80 -0.20 0.00	39.71 -0.15 0.00	37.07 -0.21 0.00	46.30 -0.24 0.00	42.20 0.03 0.00	42.98 0.10 -4.56	55.39 0.06 -15.68	36.73 0.00 -1.63	35.85 -0.03 -0.94	33.39 -0.04 0.00	31.57 -0.03 0.00
HELLGATE_13_KV_LD 55870	30.85 1.42 0.00	29.33 1.19 0.00	31.61 1.23 0.00	32.16 1.22 0.00	30.88 1.18 0.00	37.29 1.49 0.00	43.87 1.70 0.00	46.40 1.76 0.00	44.50 1.97 0.00	44.33 2.16 0.00	34.12 1.87 -0.17	29.92 1.84 -0.05	37.22 2.24 -0.44	44.23 2.42 -0.82	42.25 2.32 -0.07	39.42 2.14 0.00	48.82 2.28 0.00	44.09 1.92 0.00	39.93 1.60 0.00	41.38 1.73 0.00	36.65 1.56 0.00	36.54 1.60 0.00	35.06 1.63 0.00	32.95 1.35 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.85 1.42 0.00	29.33 1.19 0.00	31.61 1.23 0.00	32.16 1.22 0.00	30.88 1.18 0.00	37.29 1.49 0.00	43.87 1.70 0.00	46.40 1.76 0.00	44.50 1.97 0.00	44.33 2.16 0.00	34.12 1.87 -0.17	29.92 1.84 -0.05	37.22 2.24 -0.44	44.23 2.42 -0.82	42.25 2.32 -0.07	39.42 2.14 0.00	48.82 2.28 0.00	44.09 1.92 0.00	39.93 1.60 0.00	41.38 1.73 0.00	36.65 1.56 0.00	36.54 1.60 0.00	35.06 1.63 0.00	32.95 1.35 0.00
HEMPSTEAD____ 23647	30.56 1.13 0.00	29.04 0.90 0.00	31.25 0.88 0.00	31.83 0.89 0.00	30.56 0.85 0.00	36.88 1.08 0.00	43.34 1.17 0.00	45.96 1.31 0.00	43.93 1.39 0.00	43.87 1.70 0.00	33.80 1.55 -0.17	29.64 1.55 -0.05	36.93 1.95 -0.44	43.91 2.09 -0.82	41.80 1.87 -0.07	38.82 1.53 0.00	48.02 1.48 0.00	43.34 1.17 0.00	39.27 0.95 0.00	40.77 1.12 0.00	36.04 0.94 0.00	36.09 1.15 0.00	34.71 1.28 0.00	32.61 1.01 0.00
HICKLING___1 23621	29.21 -0.22 0.00	28.07 -0.07 0.00	30.31 -0.07 0.00	30.99 0.05 0.00	29.85 0.14 0.00	36.16 0.36 0.00	42.24 0.07 0.00	44.79 0.14 0.00	42.37 -0.16 0.00	41.81 -0.36 0.00	32.02 -0.06 0.00	27.84 -0.20 0.00	34.46 -0.08 0.00	41.04 0.05 0.00	39.98 0.12 0.00	37.24 -0.04 0.00	46.67 0.13 0.00	42.79 0.61 0.00	38.99 0.66 0.00	40.21 0.55 0.00	35.60 0.50 0.00	35.46 0.52 0.00	33.77 0.34 0.00	32.06 0.45 0.00
HICKLING___2 23622	29.21 -0.22 0.00	28.07 -0.07 0.00	30.31 -0.07 0.00	30.99 0.05 0.00	29.85 0.14 0.00	36.16 0.36 0.00	42.24 0.07 0.00	44.79 0.14 0.00	42.37 -0.16 0.00	41.81 -0.36 0.00	32.02 -0.06 0.00	27.84 -0.20 0.00	34.46 -0.08 0.00	41.04 0.05 0.00	39.98 0.12 0.00	37.24 -0.04 0.00	46.67 0.13 0.00	42.79 0.61 0.00	38.99 0.66 0.00	40.21 0.55 0.00	35.60 0.50 0.00	35.46 0.52 0.00	33.77 0.34 0.00	32.06 0.45 0.00
HIGH FALLS___HY 23754	30.59 1.17 0.00	29.16 1.02 0.00	31.42 1.05 0.00	31.97 1.04 0.00	30.70 1.01 0.00	37.10 1.30 0.00	43.77 1.60 0.00	46.38 1.73 0.00	44.31 1.77 0.00	44.02 1.85 0.00	33.52 1.36 -0.09	29.39 1.33 -0.03	36.49 1.73 -0.22	43.19 1.78 -0.42	41.44 1.55 -0.03	38.81 1.53 0.00	48.51 1.97 0.00	43.94 1.77 0.00	39.84 1.52 0.00	41.34 1.69 0.00	36.76 1.67 0.00	36.57 1.64 0.00	35.04 1.61 0.00	32.97 1.37 0.00
HIGH_RIVER___SOLAR 323847	30.27 0.85 0.00	28.94 0.79 0.00	31.22 0.85 0.00	31.82 0.88 0.00	30.57 0.86 0.00	36.88 1.08 0.00	43.49 1.32 0.00	45.94 1.29 0.00	43.37 0.84 0.00	42.75 0.58 0.00	31.95 -0.02 0.10	27.94 -0.06 0.03	34.23 -0.04 0.27	40.34 -0.14 0.51	39.69 -0.13 0.04	37.19 -0.09 0.00	47.03 0.49 0.00	43.04 0.87 0.00	39.37 1.04 0.00	40.91 1.25 0.00	36.24 1.14 0.00	36.03 1.09 0.00	34.49 1.06 0.00	32.52 0.92 0.00
HILLBURN___GT 23639	30.30 0.87 0.00	28.88 0.74 0.00	31.14 0.76 0.00	31.72 0.78 0.00	30.44 0.74 0.00	36.84 1.04 0.00	43.34 1.17 0.00	45.87 1.22 0.00	43.79 1.26 0.00	43.58 1.40 0.00	33.43 1.20 -0.15	29.32 1.25 -0.04	36.48 1.56 -0.38	43.34 1.63 -0.72	41.51 1.60 -0.06	38.73 1.44 0.00	48.18 1.64 0.00	43.57 1.39 0.00	39.45 1.12 0.00	40.86 1.21 0.00	36.08 0.98 0.00	36.00 1.06 0.00	34.55 1.12 0.00	32.51 0.91 0.00
HILLSIDE_115KV_TB1 80332	28.72 -0.71 0.00	27.60 -0.54 0.00	29.77 -0.61 0.00	30.41 -0.54 0.00	29.25 -0.45 0.00	35.43 -0.37 0.00	41.43 -0.74 0.00	43.97 -0.68 0.00	41.69 -0.84 0.00	41.22 -0.95 0.00	31.55 -0.53 0.00	27.57 -0.47 0.00	34.10 -0.44 0.00	40.56 -0.43 0.00	39.49 -0.37 0.00	36.79 -0.49 0.00	46.12 -0.42 0.00	42.18 0.01 0.00	38.33 0.00 0.00	39.52 -0.13 0.00	35.04 -0.06 0.00	34.92 -0.02 0.00	33.28 -0.15 0.00	31.57 -0.03 0.00

HISHELDN_WT_PWR 323625	28.55 -0.88 0.00	27.49 -0.65 0.00	29.68 -0.69 0.00	30.40 -0.54 0.00	29.35 -0.35 0.00	35.46 -0.34 0.00	40.89 -1.29 0.00	43.21 -1.44 0.00	41.14 -1.39 0.00	40.96 -1.21 0.00	31.49 -0.59 0.00	27.27 -0.77 0.00	33.87 -0.67 0.00	40.51 -0.49 0.00	39.44 -0.42 0.00	36.61 -0.67 0.00	45.67 -0.87 0.00	41.84 -0.33 0.00	38.31 -0.01 0.00	39.32 -0.33 0.00	34.77 -0.33 0.00	34.63 -0.30 0.00	33.11 -0.32 0.00	31.81 0.21 0.00
HOLTSVILLE_IC_1 23690	30.51 1.08 0.00	28.93 0.79 0.00	31.10 0.73 0.00	31.64 0.70 0.00	30.36 0.66 0.00	36.70 0.90 0.00	43.10 0.93 0.00	45.71 1.06 0.00	43.73 1.20 0.00	43.62 1.45 0.00	33.57 1.32 -0.17	29.49 1.40 -0.05	36.84 1.86 -0.44	43.92 2.11 -0.82	41.71 1.79 -0.07	38.62 1.34 0.00	47.69 1.15 0.00	43.11 0.93 0.00	39.22 0.89 0.00	40.79 1.14 0.00	35.95 0.85 0.00	36.05 1.11 0.00	34.67 1.24 0.00	32.53 0.93 0.00
HOLTSVILLE_IC_10 23699	30.66 1.23 0.00	29.06 0.92 0.00	31.24 0.87 0.00	31.77 0.83 0.00	30.49 0.79 0.00	36.87 1.07 0.00	43.31 1.14 0.00	45.94 1.29 0.00	43.96 1.43 0.00	43.85 1.68 0.00	33.69 1.44 -0.17	36.65 1.53 -7.09	37.60 2.06 -1.00	46.27 2.38 -2.90	45.63 2.03 -3.73	38.86 1.57 0.00	48.01 1.47 0.00	43.40 1.23 0.00	39.49 1.16 0.00	41.07 1.42 0.00	36.17 1.07 0.00	36.27 1.33 0.00	34.87 1.44 0.00	32.69 1.09 0.00
HOLTSVILLE_IC_2 23691	30.51 1.08 0.00	28.93 0.79 0.00	31.10 0.73 0.00	31.64 0.70 0.00	30.36 0.66 0.00	36.70 0.90 0.00	43.10 0.93 0.00	45.71 1.06 0.00	43.73 1.20 0.00	43.62 1.45 0.00	33.57 1.32 -0.17	29.49 1.40 -0.05	36.84 1.86 -0.44	43.92 2.11 -0.82	41.71 1.79 -0.07	38.62 1.34 0.00	47.69 1.15 0.00	43.11 0.93 0.00	39.22 0.89 0.00	40.79 1.14 0.00	35.95 0.85 0.00	36.05 1.11 0.00	34.67 1.24 0.00	32.53 0.93 0.00
HOLTSVILLE_IC_3 23692	30.51 1.08 0.00	28.93 0.79 0.00	31.10 0.73 0.00	31.64 0.70 0.00	30.36 0.66 0.00	36.70 0.90 0.00	43.10 0.93 0.00	45.71 1.06 0.00	43.73 1.20 0.00	43.62 1.45 0.00	33.57 1.32 -0.17	29.49 1.40 -0.05	36.84 1.86 -0.44	43.92 2.11 -0.82	41.71 1.79 -0.07	38.62 1.34 0.00	47.69 1.15 0.00	43.11 0.93 0.00	39.22 0.89 0.00	40.79 1.14 0.00	35.95 0.85 0.00	36.05 1.11 0.00	34.67 1.24 0.00	32.53 0.93 0.00
HOLTSVILLE_IC_4 23693	30.51 1.08 0.00	28.93 0.79 0.00	31.10 0.73 0.00	31.64 0.70 0.00	30.36 0.66 0.00	36.70 0.90 0.00	43.10 0.93 0.00	45.71 1.06 0.00	43.73 1.20 0.00	43.62 1.45 0.00	33.57 1.32 -0.17	29.49 1.40 -0.05	36.84 1.86 -0.44	43.92 2.11 -0.82	41.71 1.79 -0.07	38.62 1.34 0.00	47.69 1.15 0.00	43.11 0.93 0.00	39.22 0.89 0.00	40.79 1.14 0.00	35.95 0.85 0.00	36.05 1.11 0.00	34.67 1.24 0.00	32.53 0.93 0.00
HOLTSVILLE_IC_5 23694	30.51 1.08 0.00	28.93 0.79 0.00	31.10 0.73 0.00	31.64 0.70 0.00	30.36 0.66 0.00	36.70 0.90 0.00	43.10 0.93 0.00	45.71 1.06 0.00	43.73 1.20 0.00	43.62 1.45 0.00	33.57 1.32 -0.17	29.49 1.40 -0.05	36.84 1.86 -0.44	43.92 2.11 -0.82	41.71 1.79 -0.07	38.62 1.34 0.00	47.69 1.15 0.00	43.11 0.93 0.00	39.22 0.89 0.00	40.79 1.14 0.00	35.95 0.85 0.00	36.05 1.11 0.00	34.67 1.24 0.00	32.53 0.93 0.00
HOLTSVILLE_IC_6 23695	30.66 1.23 0.00	29.06 0.92 0.00	31.24 0.87 0.00	31.77 0.83 0.00	30.49 0.79 0.00	36.87 1.07 0.00	43.31 1.14 0.00	45.94 1.29 0.00	43.96 1.43 0.00	43.85 1.68 0.00	33.69 1.44 -0.17	36.65 1.53 -7.09	37.60 2.06 -1.00	46.27 2.38 -2.90	45.63 2.03 -3.73	38.86 1.57 0.00	48.01 1.47 0.00	43.40 1.23 0.00	39.49 1.16 0.00	41.07 1.42 0.00	36.17 1.07 0.00	36.27 1.33 0.00	34.87 1.44 0.00	32.69 1.09 0.00
HOLTSVILLE_IC_7 23696	30.66 1.23 0.00	29.06 0.92 0.00	31.24 0.87 0.00	31.77 0.83 0.00	30.49 0.79 0.00	36.87 1.07 0.00	43.31 1.14 0.00	45.94 1.29 0.00	43.96 1.43 0.00	43.85 1.68 0.00	33.69 1.44 -0.17	36.65 1.53 -7.09	37.60 2.06 -1.00	46.27 2.38 -2.90	45.63 2.03 -3.73	38.86 1.57 0.00	48.01 1.47 0.00	43.40 1.23 0.00	39.49 1.16 0.00	41.07 1.42 0.00	36.17 1.07 0.00	36.27 1.33 0.00	34.87 1.44 0.00	32.69 1.09 0.00
HOLTSVILLE_IC_8 23697	30.66 1.23 0.00	29.06 0.92 0.00	31.24 0.87 0.00	31.77 0.83 0.00	30.49 0.79 0.00	36.87 1.07 0.00	43.31 1.14 0.00	45.94 1.29 0.00	43.96 1.43 0.00	43.85 1.68 0.00	33.69 1.44 -0.17	36.65 1.53 -7.09	37.60 2.06 -1.00	46.27 2.38 -2.90	45.63 2.03 -3.73	38.86 1.57 0.00	48.01 1.47 0.00	43.40 1.23 0.00	39.49 1.16 0.00	41.07 1.42 0.00	36.17 1.07 0.00	36.27 1.33 0.00	34.87 1.44 0.00	32.69 1.09 0.00
HOLTSVILLE_IC_9 23698	30.66 1.23 0.00	29.06 0.92 0.00	31.24 0.87 0.00	31.77 0.83 0.00	30.49 0.79 0.00	36.87 1.07 0.00	43.31 1.14 0.00	45.94 1.29 0.00	43.96 1.43 0.00	43.85 1.68 0.00	33.69 1.44 -0.17	36.65 1.53 -7.09	37.60 2.06 -1.00	46.27 2.38 -2.90	45.63 2.03 -3.73	38.86 1.57 0.00	48.01 1.47 0.00	43.40 1.23 0.00	39.49 1.16 0.00	41.07 1.42 0.00	36.17 1.07 0.00	36.27 1.33 0.00	34.87 1.44 0.00	32.69 1.09 0.00
HOMER_HL_115KV_TB2 355744	28.60 -0.83 0.00	27.45 -0.69 0.00	29.63 -0.74 0.00	30.43 -0.51 0.00	29.33 -0.37 0.00	35.58 -0.22 0.00	41.19 -0.98 0.00	43.78 -0.87 0.00	41.69 -0.84 0.00	41.77 -0.41 0.00	32.07 -0.01 0.00	27.96 -0.07 0.00	34.68 0.14 0.00	41.37 0.38 0.00	40.08 0.23 0.00	36.96 -0.33 0.00	46.02 -0.52 0.00	41.98 -0.19 0.00	38.26 -0.07 0.00	39.32 -0.33 0.00	34.65 -0.45 0.00	34.65 -0.29 0.00	33.51 0.08 0.00	31.96 0.36 0.00
HOWARD_WT_PWR 323690	28.64 -0.79 0.00	27.59 -0.54 0.00	30.03 -0.35 0.00	30.90 -0.04 0.00	29.80 0.10 0.00	36.02 0.22 0.00	42.02 -0.14 0.00	44.47 -0.18 0.00	41.90 -0.63 0.00	41.30 -0.88 0.00	31.62 -0.46 0.00	27.48 -0.56 0.00	34.06 -0.48 0.00	40.66 -0.33 0.00	39.62 -0.24 0.00	36.85 -0.43 0.00	46.09 -0.45 0.00	42.44 0.27 0.00	39.00 0.67 0.00	40.22 0.57 0.00	35.53 0.43 0.00	35.38 0.45 0.00	33.62 0.19 0.00	32.12 0.51 0.00
HQ_GEN_CEDARS 23644	351.46 0.54 -321.49	29.47 0.40 -0.93	124.06 0.54 -93.15	31.47 0.53 0.00	30.12 0.41 0.00	36.23 0.43 0.00	44.76 0.72 -1.87	53.39 0.82 -7.92	43.21 0.68 0.00	42.77 0.60 0.00	32.49 0.41 0.00	28.31 0.28 0.00	34.85 0.31 0.00	41.52 0.53 0.00	40.35 0.49 0.00	37.74 0.46 0.00	47.15 0.61 0.00	42.65 0.46 -0.02	265.26 0.58 -226.35	819.24 0.55 -779.04	116.63 0.64 -80.89	82.35 0.55 -46.86	33.77 0.33 -0.01	31.95 0.34 0.00
HQ_GEN_CEDARS_PROXY 323590	351.46 0.54 -321.49	29.47 0.40 -0.93	124.07 0.54 -93.15	31.47 0.53 0.00	30.12 0.41 0.00	36.23 0.43 0.00	44.76 0.72 -1.87	53.39 0.82 -7.92	43.21 0.68 0.00	42.77 0.60 0.00	32.49 0.41 0.00	28.31 0.28 0.00	34.85 0.31 0.00	41.52 0.53 0.00	40.35 0.49 0.00	37.74 0.46 0.00	47.65 0.61 -0.50	42.66 0.46 -0.02	265.26 0.57 -226.35	819.24 0.55 -779.04	116.64 0.65 -80.89	82.35 0.55 -46.86	33.77 0.33 -0.01	31.95 0.34 0.00

HQ_GEN_IMPORT 323601	17.39 0.04 12.08	28.11 0.00 0.04	26.92 0.05 3.50	30.98 0.04 0.00	29.69 -0.01 0.00	35.74 -0.06 0.00	42.12 0.02 0.07	44.40 0.05 0.30	42.64 0.12 0.01	42.31 0.13 0.00	32.17 0.09 0.00	28.07 0.03 0.00	34.57 0.03 0.00	41.12 0.13 0.00	40.00 0.14 0.00	37.41 0.12 0.00	46.70 0.16 0.00	42.22 0.04 0.00	29.89 0.08 8.50	10.41 0.04 29.28	32.10 0.04 3.04	33.17 -0.01 1.76	33.35 -0.08 0.00	31.54 -0.06 0.00
HQ_GEN_WHEEL 23651	17.39 0.04 12.08	28.11 0.00 0.04	26.92 0.05 3.50	30.98 0.04 0.00	29.69 -0.01 0.00	35.74 -0.06 0.00	42.12 0.02 0.07	44.40 0.05 0.30	42.64 0.12 0.01	42.31 0.13 0.00	32.17 0.09 0.00	28.07 0.03 0.00	34.57 0.03 0.00	41.12 0.13 0.00	40.00 0.14 0.00	37.41 0.12 0.00	46.70 0.16 0.00	42.22 0.04 0.00	29.89 0.08 8.50	10.41 0.04 29.28	32.10 0.04 3.04	33.17 -0.01 1.76	33.35 -0.08 0.00	31.54 -0.06 0.00
HUDSON AVE_GT_3 23810	30.69 1.26 0.00	29.20 1.07 0.00	31.46 1.09 0.00	32.00 1.06 0.00	30.72 1.02 0.00	37.13 1.34 0.00	43.70 1.53 0.00	46.22 1.57 0.00	44.24 1.70 0.00	44.10 1.93 0.00	33.92 1.67 -0.17	29.75 1.66 -0.05	37.03 2.05 -0.44	43.98 2.17 -0.82	42.03 2.10 -0.07	39.23 1.94 0.00	48.62 2.08 0.00	43.91 1.74 0.00	39.72 1.39 0.00	41.18 1.53 0.00	36.45 1.35 0.00	36.33 1.39 0.00	34.86 1.43 0.00	32.78 1.18 0.00
HUDSON AVE_GT_4 23540	30.69 1.26 0.00	29.20 1.07 0.00	31.46 1.09 0.00	32.00 1.06 0.00	30.72 1.02 0.00	37.13 1.34 0.00	43.70 1.53 0.00	46.22 1.57 0.00	44.24 1.70 0.00	44.10 1.93 0.00	33.92 1.67 -0.17	29.75 1.66 -0.05	37.03 2.05 -0.44	43.98 2.17 -0.82	42.03 2.10 -0.07	39.23 1.94 0.00	48.62 2.08 0.00	43.91 1.74 0.00	39.72 1.39 0.00	41.18 1.53 0.00	36.45 1.35 0.00	36.33 1.39 0.00	34.86 1.43 0.00	32.78 1.18 0.00
HUDSON AVE_GT_5 23657	30.69 1.26 0.00	29.20 1.07 0.00	31.46 1.09 0.00	32.00 1.06 0.00	30.72 1.02 0.00	37.13 1.34 0.00	43.70 1.53 0.00	46.22 1.57 0.00	44.24 1.70 0.00	44.10 1.93 0.00	33.92 1.67 -0.17	29.75 1.66 -0.05	37.03 2.05 -0.44	43.98 2.17 -0.82	42.03 2.10 -0.07	39.23 1.94 0.00	48.62 2.08 0.00	43.91 1.74 0.00	39.72 1.39 0.00	41.18 1.53 0.00	36.45 1.35 0.00	36.33 1.39 0.00	34.86 1.43 0.00	32.78 1.18 0.00
HUDSON_AVE_10 24168	30.58 1.15 0.00	29.10 0.95 0.00	31.33 0.95 0.00	31.87 0.92 0.00	30.58 0.88 0.00	36.96 1.16 0.00	43.49 1.32 0.00	45.96 1.31 0.00	43.99 1.46 0.00	43.84 1.67 0.01	33.72 1.48 -0.17	29.57 1.49 -0.05	36.81 1.84 -0.43	43.71 1.90 -0.82	41.78 1.85 -0.06	39.00 1.71 0.00	48.33 1.79 0.00	43.63 1.46 0.00	39.48 1.16 0.00	40.94 1.29 0.00	36.25 1.16 0.00	36.13 1.19 0.00	34.69 1.25 0.00	32.61 1.01 0.00
HUDSON___115KV_TB 4 355613	29.91 0.48 0.00	28.61 0.47 0.00	30.84 0.47 0.00	31.35 0.40 0.00	30.16 0.46 0.00	36.35 0.55 0.00	42.82 0.65 0.00	45.37 0.72 0.00	43.01 0.48 0.00	42.49 0.31 0.00	32.13 0.18 0.13	28.04 0.05 0.04	34.12 -0.08 0.34	40.13 -0.24 0.63	39.60 -0.21 0.05	37.38 0.10 0.00	46.39 -0.14 0.00	42.15 -0.02 0.00	38.35 0.03 0.00	39.90 0.24 0.00	35.37 0.27 0.00	35.28 0.34 0.00	33.81 0.38 0.00	31.96 0.36 0.00
HUNTER MOUNT___DRP 323613	30.35 0.92 0.00	29.08 0.94 0.00	31.33 0.95 0.00	31.87 0.93 0.00	30.66 0.95 0.00	36.96 1.17 0.00	43.67 1.51 0.00	46.36 1.71 0.00	43.91 1.38 0.00	43.16 0.98 0.00	32.68 0.60 0.00	28.33 0.30 0.00	34.81 0.27 0.00	41.30 0.31 0.00	40.14 0.28 0.00	37.56 0.27 0.00	46.86 0.32 0.00	42.71 0.54 0.00	38.89 0.57 0.00	40.44 0.79 0.00	35.84 0.74 0.00	35.66 0.72 0.00	34.12 0.69 0.00	32.28 0.67 0.00
HUNTINGTON_RES_REC 323705	30.53 1.10 0.00	28.95 0.81 0.00	31.13 0.76 0.00	31.66 0.72 0.00	30.38 0.68 0.00	36.70 0.90 0.00	43.04 0.87 0.00	45.65 1.00 0.00	43.72 1.19 0.00	43.69 1.51 0.00	33.67 1.42 -0.17	29.57 1.49 -0.05	36.93 1.95 -0.44	44.05 2.23 -0.82	41.80 1.87 -0.07	38.60 1.32 0.00	47.59 1.05 0.00	43.03 0.86 0.00	39.10 0.77 0.00	40.63 0.98 0.00	35.81 0.71 0.00	35.99 1.06 0.00	34.67 1.24 0.00	32.56 0.95 0.00
HUNTLEY___63 23557	28.74 -0.69 0.00	27.66 -0.48 0.00	29.86 -0.51 0.00	30.55 -0.39 0.00	29.49 -0.21 0.00	35.55 -0.25 0.00	40.64 -1.53 0.00	42.89 -1.76 0.00	41.11 -1.42 0.00	41.20 -0.97 0.00	31.75 -0.33 0.00	27.41 -0.62 0.00	34.16 -0.38 0.00	40.89 -0.10 0.00	39.80 -0.06 0.00	36.94 -0.35 0.00	45.82 -0.72 0.00	41.93 -0.24 0.00	38.40 0.07 0.00	39.27 -0.39 0.00	34.72 -0.38 0.00	34.55 -0.39 0.00	33.16 -0.27 0.00	32.01 0.41 0.00
HUNTLEY___64 23558	28.74 -0.69 0.00	27.66 -0.48 0.00	29.86 -0.51 0.00	30.55 -0.39 0.00	29.49 -0.21 0.00	35.55 -0.25 0.00	40.64 -1.53 0.00	42.89 -1.76 0.00	41.11 -1.42 0.00	41.20 -0.97 0.00	31.75 -0.33 0.00	27.41 -0.62 0.00	34.16 -0.38 0.00	40.89 -0.10 0.00	39.80 -0.06 0.00	36.94 -0.35 0.00	45.82 -0.72 0.00	41.93 -0.24 0.00	38.40 0.07 0.00	39.27 -0.39 0.00	34.72 -0.38 0.00	34.55 -0.39 0.00	33.16 -0.27 0.00	32.01 0.41 0.00
HUNTLEY___65 23559	28.74 -0.69 0.00	27.66 -0.48 0.00	29.86 -0.51 0.00	30.55 -0.39 0.00	29.49 -0.21 0.00	35.55 -0.25 0.00	40.64 -1.53 0.00	42.89 -1.76 0.00	41.11 -1.42 0.00	41.20 -0.97 0.00	31.75 -0.33 0.00	27.41 -0.62 0.00	34.16 -0.38 0.00	40.89 -0.10 0.00	39.80 -0.06 0.00	36.94 -0.35 0.00	45.82 -0.72 0.00	41.93 -0.24 0.00	38.40 0.07 0.00	39.27 -0.39 0.00	34.72 -0.38 0.00	34.55 -0.39 0.00	33.16 -0.27 0.00	32.01 0.41 0.00
HUNTLEY___66 23560	28.74 -0.69 0.00	27.66 -0.48 0.00	29.86 -0.51 0.00	30.55 -0.39 0.00	29.49 -0.21 0.00	35.55 -0.25 0.00	40.64 -1.53 0.00	42.89 -1.76 0.00	41.11 -1.42 0.00	41.20 -0.97 0.00	31.75 -0.33 0.00	27.41 -0.62 0.00	34.16 -0.38 0.00	40.89 -0.10 0.00	39.80 -0.06 0.00	36.94 -0.35 0.00	45.82 -0.72 0.00	41.93 -0.24 0.00	38.40 0.07 0.00	39.27 -0.39 0.00	34.72 -0.38 0.00	34.55 -0.39 0.00	33.16 -0.27 0.00	32.01 0.41 0.00
HUNTLEY___67 23561	28.51 -0.91 0.00	27.44 -0.70 0.00	29.64 -0.73 0.00	30.35 -0.59 0.00	29.28 -0.43 0.00	35.30 -0.50 0.00	40.40 -1.77 0.00	42.64 -2.01 0.00	40.85 -1.68 0.00	40.95 -1.22 0.00	31.54 -0.54 0.00	27.24 -0.80 0.00	33.87 -0.68 0.00	40.58 -0.41 0.00	39.49 -0.37 0.00	36.61 -0.67 0.00	45.56 -0.98 0.00	41.66 -0.51 0.00	38.12 -0.20 0.00	39.00 -0.65 0.00	34.49 -0.61 0.00	34.35 -0.59 0.00	32.92 -0.51 0.00	31.74 0.14 0.00
HUNTLEY___68 23562	28.51 -0.91 0.00	27.44 -0.70 0.00	29.64 -0.73 0.00	30.35 -0.59 0.00	29.28 -0.43 0.00	35.30 -0.50 0.00	40.40 -1.77 0.00	42.64 -2.01 0.00	40.85 -1.68 0.00	40.95 -1.22 0.00	31.54 -0.54 0.00	27.24 -0.80 0.00	33.87 -0.68 0.00	40.58 -0.41 0.00	39.49 -0.37 0.00	36.61 -0.67 0.00	45.56 -0.98 0.00	41.66 -0.51 0.00	38.12 -0.20 0.00	39.00 -0.65 0.00	34.49 -0.61 0.00	34.35 -0.59 0.00	32.92 -0.51 0.00	31.74 0.14 0.00

HYLAND___LFGE 323620	30.21 0.77 0.00	28.98 0.84 0.00	31.30 0.92 0.00	32.07 1.12 0.00	30.93 1.23 0.00	37.49 1.70 0.00	43.92 1.76 0.00	46.54 1.89 0.00	43.47 0.94 0.00	42.26 0.08 0.00	32.35 0.27 0.00	28.10 0.07 0.00	34.74 0.20 0.00	41.63 0.64 0.00	40.54 0.68 0.00	37.72 0.44 0.00	47.19 0.66 0.00	43.35 1.18 0.00	40.34 2.02 0.00	42.28 2.63 0.00	37.56 2.47 0.00	37.22 2.28 0.00	35.41 1.98 0.00	33.56 1.95 0.00
INDECK___CORINTH 23802	30.74 1.31 0.00	29.21 1.07 0.00	31.62 1.24 0.00	32.15 1.21 0.00	30.94 1.24 0.00	37.46 1.66 0.00	44.14 1.97 0.00	46.74 2.09 0.00	44.05 1.52 0.00	43.35 1.17 0.00	32.47 0.55 0.17	28.39 0.40 0.05	34.65 0.55 0.44	40.80 0.64 0.82	40.49 0.70 0.07	38.16 0.87 0.00	47.95 1.41 0.00	43.63 1.45 0.00	39.91 1.59 0.00	41.46 1.81 0.00	36.78 1.68 0.00	36.57 1.64 0.00	35.19 1.76 0.00	32.86 1.26 0.00
INDECK___ILION 23567	35.26 0.30 -5.53	28.44 0.29 -0.02	32.23 0.25 -1.60	31.19 0.25 0.00	29.99 0.29 0.00	36.16 0.36 0.00	42.67 0.47 -0.03	45.28 0.49 -0.14	42.74 0.20 0.00	42.19 0.01 0.00	31.94 -0.14 0.00	27.89 -0.15 0.00	34.43 -0.11 0.00	40.74 -0.26 0.00	39.56 -0.30 0.00	37.14 -0.15 0.00	46.60 0.06 0.00	42.43 0.25 0.00	42.53 0.31 -3.90	53.47 0.41 -13.41	36.86 0.37 -1.39	36.15 0.40 -0.81	33.81 0.38 0.00	31.89 0.29 0.00
INDECK___OLEAN 23982	28.60 -0.83 0.00	27.46 -0.68 0.00	29.64 -0.74 0.00	30.44 -0.51 0.00	29.33 -0.38 0.00	35.58 -0.21 0.00	41.20 -0.97 0.00	43.77 -0.88 0.00	41.69 -0.84 0.00	41.77 -0.40 0.00	32.07 -0.01 0.00	27.96 -0.07 0.00	34.67 0.13 0.00	41.35 0.36 0.22	40.08 0.22 0.00	36.96 -0.32 0.00	46.02 -0.51 0.00	41.98 -0.19 0.00	38.26 -0.07 0.00	39.32 -0.33 0.00	34.65 -0.45 0.00	34.65 -0.29 0.00	33.51 0.08 0.00	31.96 0.36 0.00
INDECK___OSWEGO 23783	38.69 -0.51 -9.77	27.70 -0.47 -0.03	32.67 -0.54 -2.83	30.42 -0.53 0.00	29.23 -0.47 0.00	35.29 -0.51 0.00	41.57 -0.66 -0.06	44.19 -0.70 -0.24	41.72 -0.81 0.00	41.24 -0.93 0.00	31.37 -0.71 0.00	27.41 -0.62 0.00	33.79 -0.75 0.00	40.10 -0.89 0.00	38.84 -1.02 0.00	36.21 -1.07 0.00	45.24 -1.30 0.00	41.21 -0.96 0.00	44.45 -0.75 -6.88	62.57 -0.75 -23.67	36.88 -0.67 -2.46	35.71 -0.65 -1.42	32.96 -0.47 0.00	31.23 -0.38 0.00
INDECK___YERKES 23781	28.77 -0.66 0.00	27.69 -0.45 0.00	29.89 -0.49 0.00	30.58 -0.36 0.00	29.51 -0.19 0.00	35.58 -0.22 0.00	40.68 -1.49 0.00	42.92 -1.73 0.00	41.14 -1.39 0.00	41.25 -0.93 0.00	31.77 -0.31 0.00	27.44 -0.59 0.00	34.19 -0.35 0.00	40.91 -0.08 0.00	39.83 -0.03 0.00	36.97 -0.31 0.00	45.87 -0.67 0.00	41.98 -0.19 0.00	38.44 0.11 0.00	39.30 -0.35 0.00	34.76 -0.34 0.00	34.58 -0.35 0.00	33.19 -0.24 0.00	32.04 0.44 0.00
INDIAN POINT_GT_1 24139	30.48 1.05 0.00	29.04 0.90 0.00	31.29 0.92 0.00	31.83 0.89 0.00	30.57 0.87 0.00	36.95 1.15 0.00	43.50 1.33 0.00	46.03 1.38 0.00	43.99 1.46 0.00	43.81 1.64 0.00	33.64 1.39 -0.17	29.48 1.40 -0.05	36.71 1.73 -0.44	43.63 1.82 -0.82	41.67 1.75 -0.07	38.88 1.60 0.00	48.27 1.74 0.00	43.62 1.44 0.00	39.49 1.16 0.00	40.94 1.28 0.00	36.21 1.12 0.00	36.10 1.16 0.00	34.63 1.20 0.00	32.59 0.99 0.00
INDIAN POINT_GT_2 23659	30.48 1.05 0.00	29.04 0.90 0.00	31.29 0.92 0.00	31.83 0.89 0.00	30.57 0.87 0.00	36.95 1.15 0.00	43.50 1.33 0.00	46.03 1.38 0.00	43.99 1.46 0.00	43.81 1.64 0.00	33.64 1.39 -0.17	29.48 1.40 -0.05	36.71 1.73 -0.44	43.63 1.82 -0.82	41.67 1.75 -0.07	38.88 1.60 0.00	48.27 1.74 0.00	43.62 1.44 0.00	39.49 1.16 0.00	40.94 1.28 0.00	36.21 1.12 0.00	36.10 1.16 0.00	34.63 1.20 0.00	32.59 0.99 0.00
INDIAN POINT_GT_3 24019	30.48 1.05 0.00	29.04 0.90 0.00	31.29 0.92 0.00	31.83 0.89 0.00	30.57 0.87 0.00	36.95 1.15 0.00	43.50 1.33 0.00	46.03 1.38 0.00	43.99 1.46 0.00	43.81 1.64 0.00	33.64 1.39 -0.17	29.48 1.40 -0.05	36.71 1.73 -0.44	43.63 1.82 -0.82	41.67 1.75 -0.07	38.88 1.60 0.00	48.27 1.74 0.00	43.62 1.44 0.00	39.49 1.16 0.00	40.94 1.28 0.00	36.21 1.12 0.00	36.10 1.16 0.00	34.63 1.20 0.00	32.59 0.99 0.00
INDIAN POINT___2 23530	30.51 1.08 0.00	29.06 0.92 0.00	31.31 0.93 0.00	31.86 0.92 0.00	30.59 0.88 0.00	36.97 1.17 0.00	43.52 1.35 0.00	46.05 1.40 0.00	44.02 1.49 0.00	43.84 1.67 0.00	33.68 1.43 -0.17	29.52 1.43 -0.05	36.76 1.78 -0.44	43.68 1.87 -0.82	41.71 1.79 -0.07	38.92 1.64 0.00	48.31 1.77 0.00	43.63 1.46 0.00	39.50 1.17 0.00	40.96 1.31 0.00	36.23 1.13 0.00	36.12 1.18 0.00	34.67 1.24 0.00	32.63 1.02 0.00
INDIAN POINT___3 23531	30.34 0.91 0.00	28.92 0.78 0.00	31.17 0.80 0.00	31.73 0.79 0.00	30.46 0.76 0.00	36.83 1.03 0.00	43.34 1.17 0.00	45.86 1.22 0.00	43.80 1.27 0.00	43.60 1.43 0.00	33.46 1.21 -0.16	29.33 1.25 -0.05	36.52 1.55 -0.43	43.40 1.61 -0.80	41.48 1.56 -0.06	38.69 1.41 0.00	48.09 1.55 0.00	43.45 1.28 0.00	39.34 1.02 0.00	40.77 1.12 0.00	36.05 0.96 0.00	35.95 1.02 0.00	34.52 1.09 0.00	32.49 0.89 0.00
INGHAM_C_115KV_TB7 356103	35.52 0.55 -5.53	28.66 0.51 -0.02	32.44 0.47 -1.60	31.39 0.45 0.00	30.21 0.51 0.00	36.46 0.66 0.00	43.08 0.88 -0.03	45.68 0.90 -0.14	42.82 0.29 0.00	42.00 -0.18 0.00	31.56 -0.52 0.00	27.49 -0.54 0.00	34.08 -0.46 0.00	40.16 -0.83 0.00	38.92 -0.94 0.00	36.71 -0.57 0.00	46.41 -0.13 0.00	42.42 0.24 0.00	42.66 0.44 -3.90	53.74 0.68 -13.41	37.11 0.61 -1.39	36.45 0.71 -0.81	34.09 0.65 0.00	32.12 0.51 0.00
IP CORINTH___1 23988	30.89 1.46 0.00	29.36 1.22 0.00	31.77 1.40 0.00	32.32 1.37 0.00	31.11 1.40 0.00	37.65 1.85 0.00	44.39 2.22 0.00	47.00 2.35 0.00	44.27 1.74 0.00	43.57 1.40 0.00	32.62 0.72 0.17	28.53 0.54 0.05	34.84 0.73 0.44	41.02 0.85 0.82	40.71 0.91 0.07	38.37 1.09 0.00	48.21 1.67 0.00	43.86 1.69 0.00	40.13 1.81 0.00	41.68 2.03 0.00	36.99 1.89 0.00	36.78 1.84 0.00	35.37 1.94 0.00	33.03 1.43 0.00
IP___TICONDEROGA 23804	32.74 3.31 0.00	30.81 2.67 0.00	33.45 3.08 0.00	34.00 3.06 0.00	32.73 3.03 0.00	39.85 4.06 0.00	47.12 4.95 0.00	49.83 5.18 0.00	46.58 4.05 0.00	45.48 3.30 0.00	33.86 1.95 0.17	29.60 1.62 0.05	36.19 2.10 0.45	42.74 2.58 0.84	42.37 2.57 0.07	40.07 2.79 0.00	50.44 3.90 0.00	45.69 3.52 0.00	42.60 4.27 0.00	44.35 4.70 0.00	39.75 4.65 0.00	39.46 4.52 0.00	37.82 4.39 0.00	34.72 3.12 0.00
ISLIP_RES_REC 323679	30.79 1.36 0.00	29.17 1.04 0.00	31.35 0.97 0.00	31.89 0.95 0.00	30.61 0.90 0.00	37.02 1.22 0.00	43.50 1.33 0.00	46.17 1.52 0.00	44.18 1.64 0.00	44.06 1.89 0.00	33.87 1.62 -0.17	34.92 1.67 -5.22	37.64 2.25 -0.85	45.98 2.63 -2.35	44.87 2.25 -2.76	39.09 1.80 0.00	48.30 1.75 0.00	43.67 1.50 0.00	39.73 1.41 0.00	41.31 1.66 0.00	36.38 1.28 0.00	36.46 1.52 0.00	35.03 1.60 0.00	32.82 1.22 0.00

JAMAICA__27_KV_LOAD 355505	30.76 1.33 0.00	29.25 1.11 0.00	31.48 1.11 0.00	32.00 1.06 0.00	30.70 0.99 0.00	37.08 1.29 0.00	43.62 1.45 0.00	46.02 1.37 0.00	44.05 1.51 0.00	43.88 1.71 0.01	33.75 1.50 -0.17	29.60 1.51 -0.05	36.82 1.84 -0.43	43.74 1.93 -0.82	41.80 1.88 -0.06	39.04 1.75 0.00	48.37 1.83 0.00	43.68 1.51 0.00	39.54 1.21 0.00	41.01 1.37 0.00	36.32 1.22 0.00	36.20 1.26 0.00	34.78 1.35 0.00	32.68 1.08 0.00
JANIS__SOLAR 323808	30.31 0.88 0.00	29.01 0.88 0.00	31.27 0.89 0.00	31.87 0.93 0.00	30.65 0.95 0.00	37.14 1.34 0.00	43.70 1.53 0.00	45.84 1.19 0.00	43.08 0.54 0.00	42.23 0.06 0.00	32.28 0.21 0.00	28.10 0.06 0.00	34.76 0.22 0.00	41.37 0.37 0.00	40.37 0.51 0.00	37.85 0.57 0.00	47.46 0.92 0.00	43.67 1.50 0.00	40.30 1.97 0.00	41.84 2.19 0.00	37.00 1.91 0.00	36.66 1.72 0.00	34.89 1.46 0.00	32.91 1.31 0.00
JARVIS____ 23743	35.05 0.08 -5.53	28.24 0.09 -0.02	32.07 0.09 -1.60	31.03 0.08 0.00	29.79 0.09 0.00	35.91 0.11 0.00	42.34 0.14 -0.03	44.92 0.13 -0.14	42.62 0.08 0.00	42.23 0.05 0.00	32.11 0.03 0.00	28.07 0.04 0.00	34.58 0.04 0.00	41.00 0.01 0.00	39.86 0.00 0.00	37.32 0.04 0.00	46.60 0.06 0.00	42.27 0.10 0.00	42.30 0.09 -3.90	53.15 0.10 -13.41	36.59 0.10 -1.39	35.86 0.11 -0.81	33.56 0.13 0.00	31.70 0.10 0.00
JENNISON____1 23625	30.35 0.92 0.00	29.08 0.94 0.00	31.34 0.97 0.00	31.94 1.00 0.00	30.71 1.01 0.00	37.17 1.37 0.00	43.75 1.59 0.00	46.04 1.39 0.00	43.56 1.02 0.00	43.03 0.86 0.00	32.86 0.78 0.00	28.68 0.65 0.00	35.43 0.89 0.00	42.04 1.05 0.00	41.00 1.14 0.00	38.33 1.05 0.00	48.13 1.59 0.00	44.11 1.94 0.00	40.33 2.00 0.00	41.76 2.11 0.00	36.94 1.84 0.00	36.55 1.62 0.00	34.79 1.35 0.00	32.80 1.20 0.00
JENNISON____2 23626	30.35 0.92 0.00	29.08 0.94 0.00	31.34 0.97 0.00	31.94 1.00 0.00	30.71 1.01 0.00	37.17 1.37 0.00	43.75 1.59 0.00	46.04 1.39 0.00	43.56 1.02 0.00	43.03 0.86 0.00	32.86 0.78 0.00	28.68 0.65 0.00	35.43 0.89 0.00	42.04 1.05 0.00	41.00 1.14 0.00	38.33 1.05 0.00	48.13 1.59 0.00	44.11 1.94 0.00	40.33 2.00 0.00	41.76 2.11 0.00	36.94 1.84 0.00	36.55 1.62 0.00	34.79 1.35 0.00	32.80 1.20 0.00
JERICOHO_RISE_WT_PWR 323719	64.98 1.04 -34.51	29.05 0.81 -0.10	41.28 0.90 -10.00	31.78 0.84 0.00	30.51 0.81 0.00	36.80 1.00 0.00	43.82 1.45 -0.20	47.00 1.51 -0.85	43.72 1.19 0.00	43.23 1.06 0.00	32.78 0.70 0.00	28.63 0.59 0.00	35.30 0.76 0.00	42.01 1.02 0.00	40.88 1.02 0.00	38.33 1.05 0.00	47.88 1.35 0.00	43.29 1.12 0.00	63.74 1.12 -24.29	124.47 1.20 -83.62	44.92 1.14 -8.68	40.82 0.85 -5.03	33.99 0.56 0.00	32.13 0.53 0.00
KATONAH__115KV_46KV_TB4 355592	30.52 1.09 0.00	29.09 0.95 0.00	31.34 0.96 0.00	31.89 0.94 0.00	30.62 0.91 0.00	37.01 1.21 0.00	43.59 1.42 0.00	46.14 1.50 0.00	44.09 1.56 0.00	43.89 1.72 0.00	33.68 1.44 -0.17	29.52 1.44 -0.05	36.76 1.78 -0.43	43.69 1.88 -0.81	41.74 1.82 -0.06	38.95 1.67 0.00	48.41 1.87 0.00	43.74 1.57 0.00	39.61 1.28 0.00	41.05 1.40 0.00	36.32 1.22 0.00	36.19 1.25 0.00	34.72 1.29 0.00	32.67 1.07 0.00
KCE_NY_1 323755	30.78 1.35 0.00	29.36 1.22 0.00	31.71 1.34 0.00	32.28 1.34 0.00	31.05 1.35 0.00	37.49 1.70 0.00	44.20 2.04 0.00	46.76 2.11 0.00	44.25 1.72 0.00	43.68 1.50 0.00	32.76 0.85 0.17	28.71 0.72 0.05	35.08 0.98 0.44	41.20 1.03 0.82	40.92 1.12 0.06	38.50 1.22 0.00	48.23 1.69 0.00	43.90 1.73 0.00	39.97 1.64 0.00	41.40 1.75 0.00	36.72 1.62 0.00	36.50 1.56 0.00	35.05 1.62 0.00	32.96 1.36 0.00
KCE_NY_6_ESR 323823	28.74 -0.69 0.00	27.65 -0.49 0.00	29.87 -0.51 0.00	30.57 -0.38 0.00	29.49 -0.21 0.00	35.60 -0.20 0.00	40.84 -1.33 0.00	43.15 -1.50 0.00	41.31 -1.22 0.00	41.36 -0.82 0.00	31.84 -0.24 0.00	27.52 -0.51 0.00	34.21 -0.33 0.00	40.97 -0.02 0.00	39.92 0.05 0.00	37.07 -0.21 0.00	46.18 -0.36 0.00	42.24 0.07 0.00	38.59 0.26 0.00	39.49 -0.16 0.00	34.94 -0.16 0.00	34.77 -0.17 0.00	33.28 -0.15 0.00	32.03 0.42 0.00
KEDC_PORT_JEFF_GT2 24210	30.60 1.18 0.00	29.01 0.88 0.00	31.19 0.82 0.00	31.72 0.78 0.00	30.45 0.74 0.00	36.81 1.01 0.00	43.23 1.06 0.00	45.85 1.21 0.00	43.88 1.35 0.00	43.78 1.60 0.00	33.67 1.43 -0.17	29.59 1.51 -0.05	36.98 2.00 -0.44	44.11 2.30 -0.82	41.89 1.96 -0.07	38.78 1.50 0.00	47.91 1.37 0.00	43.29 1.12 0.00	39.40 1.08 0.00	40.98 1.33 0.00	36.10 1.00 0.00	36.20 1.26 0.00	34.81 1.38 0.00	32.64 1.04 0.00
KEDC_PORT_JEFF_GT3 24211	30.60 1.18 0.00	29.01 0.88 0.00	31.19 0.82 0.00	31.72 0.78 0.00	30.45 0.74 0.00	36.81 1.01 0.00	43.23 1.06 0.00	45.85 1.21 0.00	43.88 1.35 0.00	43.78 1.60 0.00	33.67 1.43 -0.17	29.59 1.51 -0.05	36.98 2.00 -0.44	44.11 2.30 -0.82	41.89 1.96 -0.07	38.78 1.50 0.00	47.91 1.37 0.00	43.29 1.12 0.00	39.40 1.08 0.00	40.98 1.33 0.00	36.10 1.00 0.00	36.20 1.26 0.00	34.81 1.38 0.00	32.64 1.04 0.00
KEDC_GLWD_GT4 24219	30.72 1.29 0.00	29.21 1.07 0.00	31.45 1.08 0.00	32.01 1.08 0.00	30.74 1.03 0.00	37.12 1.32 0.00	43.64 1.47 0.00	46.24 1.59 0.00	44.23 1.70 0.00	44.13 1.95 0.00	33.96 1.71 -0.17	29.79 1.70 -0.05	37.13 2.15 -0.44	44.12 2.31 -0.82	42.06 2.13 -0.07	39.13 1.84 0.00	48.44 1.90 0.00	43.50 1.33 0.00	39.39 1.06 0.00	40.91 1.25 0.00	36.35 1.25 0.00	36.33 1.39 0.00	34.90 1.47 0.00	32.80 1.20 0.00
KEDC_GLWD_GT5 24220	30.72 1.29 0.00	29.21 1.07 0.00	31.45 1.08 0.00	32.01 1.08 0.00	30.74 1.03 0.00	37.12 1.32 0.00	43.64 1.47 0.00	46.24 1.59 0.00	44.23 1.70 0.00	44.13 1.95 0.00	33.96 1.71 -0.17	29.79 1.70 -0.05	37.13 2.15 -0.44	44.12 2.31 -0.82	42.06 2.13 -0.07	39.13 1.84 0.00	48.44 1.90 0.00	43.50 1.33 0.00	39.39 1.06 0.00	40.91 1.25 0.00	36.35 1.25 0.00	36.33 1.39 0.00	34.90 1.47 0.00	32.80 1.20 0.00
KENSICO____ 23655	30.50 1.07 0.00	29.06 0.92 0.00	31.31 0.93 0.00	31.86 0.91 0.00	30.59 0.88 0.00	36.97 1.17 0.00	43.52 1.36 0.00	46.05 1.40 0.00	44.02 1.49 0.00	43.84 1.67 0.00	33.67 1.42 -0.17	29.51 1.43 -0.05	36.74 1.77 -0.44	43.67 1.85 -0.82	41.71 1.78 -0.07	38.90 1.62 0.00	48.31 1.77 0.00	43.63 1.45 0.00	39.49 1.17 0.00	40.96 1.31 0.00	36.23 1.13 0.00	36.12 1.18 0.00	34.67 1.23 0.00	32.62 1.03 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.57 1.15 0.00	29.15 1.02 0.00	31.41 1.04 0.00	31.97 1.03 0.00	30.70 1.00 0.00	37.09 1.29 0.00	43.77 1.60 0.00	46.38 1.73 0.00	44.26 1.73 0.00	43.94 1.76 0.00	33.46 1.29 -0.09	29.31 1.24 -0.03	36.40 1.62 -0.24	43.09 1.65 -0.45	41.27 1.37 -0.04	38.63 1.35 0.00	48.27 1.73 0.00	43.74 1.57 0.00	39.66 1.33 0.00	41.17 1.52 0.00	36.69 1.59 0.00	36.50 1.56 0.00	34.96 1.52 0.00	32.89 1.29 0.00

KIAC_JFK_GT1 23816	30.58 1.15 0.00	29.09 0.95 0.00	31.32 0.94 0.00	31.83 0.88 0.00	30.53 0.82 0.00	36.82 1.02 0.00	43.20 1.03 0.00	45.57 0.93 0.00	43.64 1.10 0.00	43.46 1.29 0.01	33.43 1.18 -0.17	29.33 1.25 -0.05	36.47 1.50 -0.43	43.34 1.53 -0.82	41.41 1.48 -0.06	38.66 1.38 0.00	47.91 1.37 0.00	43.26 1.09 0.00	39.14 0.82 0.00	40.61 0.96 0.00	35.97 0.87 0.00	35.85 0.91 0.00	34.57 1.13 0.00	32.49 0.89 0.00
KIAC_JFK_GT2 23817	30.58 1.15 0.00	29.09 0.95 0.00	31.32 0.94 0.00	31.83 0.88 0.00	30.53 0.82 0.00	36.82 1.02 0.00	43.20 1.03 0.00	45.57 0.93 0.00	43.64 1.10 0.00	43.46 1.29 0.01	33.43 1.18 -0.17	29.33 1.25 -0.05	36.47 1.50 -0.43	43.34 1.53 -0.82	41.41 1.48 -0.06	38.66 1.38 0.00	47.91 1.37 0.00	43.26 1.09 0.00	39.14 0.82 0.00	40.61 0.96 0.00	35.97 0.87 0.00	35.85 0.91 0.00	34.57 1.13 0.00	32.49 0.89 0.00
KIAC_JFK____ 323774	30.58 1.15 0.00	29.09 0.95 0.00	31.32 0.94 0.00	31.83 0.88 0.00	30.53 0.82 0.00	36.82 1.02 0.00	43.20 1.03 0.00	45.57 0.93 0.00	43.64 1.10 0.00	43.45 1.29 0.01	33.43 1.18 -0.17	29.33 1.25 -0.05	36.48 1.51 -0.43	43.34 1.53 -0.82	41.40 1.48 -0.06	38.67 1.38 0.00	47.91 1.37 0.00	43.26 1.09 0.00	39.14 0.82 0.00	40.61 0.96 0.00	35.97 0.87 0.00	35.85 0.91 0.00	34.57 1.13 0.00	32.49 0.89 0.00
KINTIGH__24_KV_GSU 356498	28.66 -0.77 0.00	27.54 -0.60 0.00	29.75 -0.63 0.00	30.45 -0.49 0.00	29.35 -0.35 0.00	35.38 -0.42 0.00	40.63 -1.54 0.00	42.89 -1.76 0.00	41.04 -1.49 0.00	41.13 -1.05 0.00	31.62 -0.46 0.00	27.35 -0.68 0.00	33.92 -0.62 0.00	40.63 -0.36 0.00	39.54 -0.32 0.00	36.69 -0.59 0.00	45.68 -0.86 0.00	41.73 -0.44 0.00	38.18 -0.15 0.00	39.11 -0.54 0.00	34.56 -0.54 0.00	34.42 -0.51 0.00	33.01 -0.42 0.00	31.73 0.13 0.00
KINTIGH____ 23543	28.63 -0.80 0.00	27.52 -0.63 0.00	29.72 -0.65 0.00	30.42 -0.52 0.00	29.33 -0.37 0.00	35.35 -0.45 0.00	40.59 -1.58 0.00	42.86 -1.79 0.00	41.01 -1.52 0.00	41.09 -1.08 0.00	31.60 -0.48 0.00	27.33 -0.70 0.00	33.90 -0.64 0.00	40.62 -0.37 0.00	39.52 -0.34 0.00	36.67 -0.61 0.00	45.64 -0.90 0.00	41.71 -0.46 0.00	38.15 -0.18 0.00	39.09 -0.57 0.00	34.54 -0.56 0.00	34.40 -0.53 0.00	33.00 -0.43 0.00	31.70 0.10 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.80 1.82 -20.55	29.66 1.46 -0.06	37.94 1.61 -5.96	32.47 1.53 0.00	31.23 1.53 0.00	37.73 1.93 0.00	44.89 2.60 -0.12	47.84 2.68 -0.51	44.58 2.04 0.00	43.93 1.76 0.00	33.24 1.16 0.00	29.08 1.05 0.00	35.89 1.35 0.00	42.66 1.67 0.00	41.54 1.68 0.00	39.04 1.76 0.00	48.82 2.28 0.00	44.22 2.04 0.00	54.85 2.06 -14.47	91.78 2.32 -49.81	42.43 2.16 -5.17	39.68 1.74 -3.00	34.80 1.37 0.00	32.84 1.24 0.00
LACHUTE____HYDRO 323717	32.74 3.31 0.00	30.81 2.67 0.00	33.45 3.08 0.00	34.00 3.06 0.00	32.73 3.03 0.00	39.85 4.06 0.00	47.12 4.95 0.00	49.84 5.19 0.00	46.58 4.05 0.00	45.48 3.31 0.00	33.86 1.95 0.17	29.60 1.61 0.05	36.19 2.10 0.45	42.74 2.58 0.84	42.37 2.57 0.07	40.07 2.79 0.00	50.45 3.91 0.00	45.69 3.52 0.00	42.59 4.27 0.00	44.35 4.70 0.00	39.75 4.65 0.00	39.46 4.52 0.00	37.83 4.39 0.00	34.72 3.12 0.00
LAWRNCV_115KV_TB1 80681	282.83 0.82 -252.59	29.51 0.64 -0.73	104.36 0.80 -73.18	31.73 0.79 0.00	30.37 0.67 0.00	36.56 0.76 0.00	44.80 1.16 -1.47	52.19 1.32 -6.23	43.53 1.00 0.00	42.92 0.75 0.00	32.58 0.50 0.00	28.38 0.34 0.00	34.91 0.37 0.00	41.59 0.60 0.00	40.34 0.48 0.00	37.74 0.46 0.00	47.16 0.62 0.00	42.78 0.59 -0.02	217.02 0.85 -177.84	652.65 0.92 -612.08	99.62 0.96 -63.55	72.66 0.91 -36.82	34.09 0.65 -0.01	32.20 0.60 0.00
LEDERLE____ 23769	30.45 1.01 0.00	29.02 0.88 0.00	31.28 0.90 0.00	31.86 0.91 0.00	30.58 0.88 0.00	37.01 1.21 0.00	43.54 1.38 0.00	46.09 1.44 0.00	44.00 1.47 0.00	43.81 1.64 0.00	33.61 1.38 -0.15	29.47 1.39 -0.04	36.69 1.76 -0.40	43.59 1.85 -0.74	41.73 1.81 -0.06	38.95 1.66 0.00	48.45 1.91 0.00	43.79 1.62 0.00	39.66 1.33 0.00	41.08 1.43 0.00	36.28 1.18 0.00	36.18 1.24 0.00	34.71 1.28 0.00	32.66 1.06 0.00
LIGHTHSE_115KV_TB6 355974	52.45 0.23 -22.80	28.41 0.21 -0.07	37.18 0.20 -6.60	31.16 0.22 0.00	29.94 0.24 0.00	36.19 0.39 0.00	42.81 0.51 -0.13	45.76 0.55 -0.56	42.67 0.13 0.00	41.91 -0.26 0.00	31.79 -0.29 0.00	27.77 -0.26 0.00	34.23 -0.31 0.00	40.64 -0.35 0.00	39.52 -0.35 0.00	36.87 -0.41 0.00	46.20 -0.34 0.00	42.28 0.11 0.00	54.87 0.50 -16.05	95.56 0.67 -55.24	41.44 0.60 -5.74	38.88 0.62 -3.32	33.98 0.54 0.00	32.06 0.46 0.00
LINDEN COGEN____ 23786	30.46 1.03 0.00	28.99 0.85 0.00	31.23 0.85 0.00	31.77 0.83 0.00	30.50 0.80 0.00	36.86 1.06 0.00	43.35 1.17 0.00	45.85 1.20 0.00	43.86 1.32 0.00	43.71 1.53 0.00	33.64 1.39 -0.17	29.51 1.42 -0.05	36.73 1.75 -0.44	43.61 1.79 -0.82	41.68 1.75 -0.07	38.89 1.60 0.00	48.22 1.68 0.00	43.56 1.39 0.00	39.40 1.08 0.00	40.85 1.20 0.00	36.16 1.06 0.00	36.06 1.12 0.00	34.61 1.18 0.00	32.54 0.94 0.00
LINDHRST_69_KV_BK1 356055	30.91 1.48 0.00	29.32 1.18 0.00	31.55 1.17 0.00	32.09 1.15 0.00	30.81 1.10 0.00	37.22 1.42 0.00	43.72 1.55 0.00	46.36 1.72 0.00	44.37 1.84 0.00	44.29 2.12 0.00	34.14 1.89 -0.17	29.90 1.82 -0.05	37.36 2.38 -0.44	44.50 2.68 -0.82	42.28 2.36 -0.07	39.20 1.92 0.00	48.46 1.92 0.00	43.80 1.62 0.00	39.77 1.45 0.00	41.29 1.64 0.00	36.40 1.30 0.00	36.48 1.54 0.00	35.11 1.67 0.00	32.94 1.34 0.00
LIPA_MISC_IPP 23656	30.41 0.98 0.00	28.84 0.70 0.00	31.01 0.63 0.00	31.53 0.59 0.00	30.26 0.56 0.00	36.59 0.79 0.00	42.98 0.82 0.00	45.56 0.91 0.00	43.58 1.04 0.00	43.44 1.27 0.00	33.41 1.16 -0.17	5.81 1.29 23.51	34.82 1.70 1.42	36.78 1.93 6.14	29.25 1.61 12.21	38.47 1.20 0.01	47.53 0.99 0.00	42.95 0.77 0.00	39.09 0.76 0.00	40.68 1.03 0.00	35.83 0.73 0.00	35.92 0.98 0.00	34.54 1.11 0.00	32.38 0.77 0.00
LISF____SOLAR 323691	30.46 1.03 0.00	28.88 0.74 0.00	31.04 0.67 0.00	31.58 0.63 0.00	30.30 0.60 0.00	36.64 0.84 0.00	43.04 0.87 0.00	45.65 1.01 0.00	43.63 1.10 0.00	43.49 1.31 0.00	33.43 1.18 -0.17	-2.39 1.30 31.73	34.22 1.75 2.07	34.41 1.99 8.57	25.02 1.65 16.49	38.51 1.23 0.01	47.60 1.06 0.00	43.03 0.86 0.00	39.17 0.85 0.00	40.78 1.13 0.00	35.92 0.82 0.00	36.00 1.07 0.00	34.60 1.17 0.00	32.43 0.83 0.00
LITTLE FALLS____HYD 24013	35.52 0.55 -5.53	28.66 0.51 -0.02	32.44 0.47 -1.60	31.39 0.45 0.00	30.21 0.51 0.00	36.46 0.66 0.00	43.08 0.88 -0.03	45.68 0.90 -0.14	42.82 0.29 0.00	42.00 -0.18 0.00	31.56 -0.52 0.00	27.49 -0.54 0.00	34.08 -0.46 0.00	40.16 -0.83 0.00	38.92 -0.94 0.00	36.71 -0.57 0.00	46.41 -0.13 0.00	42.42 0.24 0.00	42.66 0.44 -3.90	53.74 0.68 -13.41	37.11 0.61 -1.39	36.45 0.71 -0.81	34.09 0.65 0.00	32.12 0.51 0.00

LITTLRIV_115KV_TB1 356100	271.91 1.19 -241.29	29.81 0.97 -0.70	101.49 1.20 -69.91	32.12 1.18 0.00	30.75 1.05 0.00	37.05 1.25 0.00	45.38 1.81 -1.40	52.61 2.02 -5.95	43.96 1.42 0.00	43.10 0.93 0.00	32.68 0.60 0.00	28.48 0.44 0.00	35.01 0.46 0.00	41.71 0.72 0.00	40.47 0.61 0.00	37.84 0.56 0.00	47.30 0.76 0.00	42.96 0.78 -0.01	209.48 1.26 -169.89	625.90 1.54 -584.70	97.37 1.56 -60.71	71.56 1.46 -35.17	34.59 1.15 -0.01	32.66 1.06 0.00
LI_NEWBRDGE___DRP 323616	30.45 1.02 0.00	28.92 0.79 0.00	31.13 0.76 0.00	31.68 0.74 0.00	30.42 0.71 0.00	36.73 0.93 0.00	43.12 0.95 0.00	45.71 1.06 0.00	43.71 1.18 0.00	43.67 1.50 0.00	33.66 1.41 -0.17	29.52 1.44 -0.05	36.80 1.82 -0.44	43.78 1.97 -0.82	41.65 1.72 -0.07	38.62 1.34 0.00	47.74 1.20 0.00	43.14 0.97 0.00	39.12 0.79 0.00	40.62 0.96 0.00	35.86 0.76 0.00	35.95 1.02 0.00	34.59 1.16 0.00	32.50 0.90 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.54 -0.89 0.00	27.48 -0.66 0.00	29.68 -0.69 0.00	30.36 -0.58 0.00	29.31 -0.40 0.00	35.36 -0.44 0.00	40.39 -1.79 0.00	42.55 -2.10 0.00	40.74 -1.80 0.00	40.79 -1.39 0.00	31.39 -0.69 0.00	27.09 -0.95 0.00	33.89 -0.65 0.00	40.42 -0.57 0.00	39.30 -0.56 0.00	36.43 -0.85 0.00	45.29 -1.25 0.00	41.44 -0.74 0.00	38.03 -0.29 0.00	38.92 -0.73 0.00	34.42 -0.68 0.00	34.30 -0.63 0.00	32.85 -0.58 0.00	31.73 0.12 0.00
LOCKPORT___CC1 323769	28.52 -0.91 0.00	27.48 -0.66 0.00	29.67 -0.71 0.00	30.36 -0.58 0.00	29.29 -0.41 0.00	35.33 -0.46 0.00	40.37 -1.81 0.00	42.52 -2.13 0.00	40.73 -1.81 0.00	40.80 -1.37 0.00	31.40 -0.68 0.00	27.09 -0.94 0.00	33.86 -0.69 0.00	40.39 -0.60 0.00	39.30 -0.57 0.00	36.43 -0.85 0.00	45.29 -1.25 0.00	41.43 -0.74 0.00	38.01 -0.31 0.00	38.90 -0.75 0.00	34.40 -0.70 0.00	34.28 -0.66 0.00	32.83 -0.60 0.00	31.71 0.11 0.00
LOCKPORT___CC2 323770	28.52 -0.91 0.00	27.48 -0.66 0.00	29.67 -0.71 0.00	30.36 -0.58 0.00	29.29 -0.41 0.00	35.33 -0.46 0.00	40.37 -1.81 0.00	42.52 -2.13 0.00	40.73 -1.81 0.00	40.80 -1.37 0.00	31.40 -0.68 0.00	27.09 -0.94 0.00	33.86 -0.69 0.00	40.39 -0.60 0.00	39.30 -0.57 0.00	36.43 -0.85 0.00	45.29 -1.25 0.00	41.43 -0.74 0.00	38.01 -0.31 0.00	38.90 -0.75 0.00	34.40 -0.70 0.00	34.28 -0.66 0.00	32.83 -0.60 0.00	31.71 0.11 0.00
LOCKPORT___CC3 323771	28.52 -0.91 0.00	27.48 -0.66 0.00	29.67 -0.71 0.00	30.36 -0.58 0.00	29.29 -0.41 0.00	35.33 -0.46 0.00	40.37 -1.81 0.00	42.52 -2.13 0.00	40.73 -1.81 0.00	40.80 -1.37 0.00	31.40 -0.68 0.00	27.09 -0.94 0.00	33.86 -0.69 0.00	40.39 -0.60 0.00	39.30 -0.57 0.00	36.43 -0.85 0.00	45.29 -1.25 0.00	41.43 -0.74 0.00	38.01 -0.31 0.00	38.90 -0.75 0.00	34.40 -0.70 0.00	34.28 -0.66 0.00	32.83 -0.60 0.00	31.71 0.11 0.00
LOCUSVLY_69_KV_BK2 55797	30.73 1.29 0.00	29.20 1.07 0.00	31.43 1.06 0.00	31.98 1.05 0.00	30.71 1.01 0.00	37.09 1.29 0.00	43.56 1.39 0.00	46.18 1.53 0.00	44.19 1.65 0.00	44.14 1.96 0.00	34.00 1.76 -0.17	29.83 1.74 -0.05	37.19 2.21 -0.44	44.22 2.40 -0.82	42.10 2.17 -0.07	39.07 1.78 0.00	48.32 1.78 0.00	43.58 1.40 0.00	39.47 1.14 0.00	40.98 1.33 0.00	36.27 1.17 0.00	36.33 1.39 0.00	34.93 1.50 0.00	32.81 1.21 0.00
LONG_LAKE_PHOENIX 24014	36.66 -0.42 -7.66	27.78 -0.39 -0.02	32.15 -0.45 -2.22	30.51 -0.43 0.00	29.33 -0.38 0.00	35.42 -0.38 0.00	41.69 -0.52 -0.04	44.29 -0.55 -0.19	41.89 -0.64 0.00	41.45 -0.73 0.00	31.53 -0.55 0.00	27.57 -0.47 0.00	33.98 -0.56 0.00	40.37 -0.62 0.00	39.24 -0.62 0.00	36.69 -0.59 0.00	45.86 -0.68 0.00	41.78 -0.40 0.00	43.45 -0.26 -5.39	57.94 -0.27 -18.55	36.76 -0.27 -1.93	35.78 -0.28 -1.12	33.15 -0.28 0.00	31.36 -0.25 0.00
LOVETT___3 23632	30.31 0.88 0.00	28.89 0.75 0.00	31.15 0.77 0.00	31.70 0.76 0.00	30.44 0.74 0.00	36.82 1.02 0.00	43.31 1.14 0.00	45.83 1.18 0.00	43.76 1.22 0.00	43.56 1.39 0.00	33.42 1.19 -0.16	29.31 1.23 -0.05	36.48 1.54 -0.40	43.34 1.59 -0.76	41.46 1.54 -0.06	38.68 1.39 0.00	48.08 1.54 0.00	43.45 1.28 0.00	39.34 1.01 0.00	40.77 1.12 0.00	36.03 0.93 0.00	35.94 1.00 0.00	34.50 1.07 0.00	32.48 0.87 0.00
LOVETT___4 23642	30.31 0.88 0.00	28.89 0.75 0.00	31.15 0.77 0.00	31.70 0.76 0.00	30.44 0.74 0.00	36.82 1.02 0.00	43.31 1.14 0.00	45.83 1.18 0.00	43.76 1.22 0.00	43.56 1.39 0.00	33.42 1.19 -0.16	29.31 1.23 -0.05	36.48 1.54 -0.40	43.34 1.59 -0.76	41.46 1.54 -0.06	38.68 1.39 0.00	48.08 1.54 0.00	43.45 1.28 0.00	39.34 1.01 0.00	40.77 1.12 0.00	36.03 0.93 0.00	35.94 1.00 0.00	34.50 1.07 0.00	32.48 0.87 0.00
LOVETT___5 23593	30.31 0.88 0.00	28.89 0.75 0.00	31.15 0.77 0.00	31.70 0.76 0.00	30.44 0.74 0.00	36.82 1.02 0.00	43.31 1.14 0.00	45.83 1.18 0.00	43.76 1.22 0.00	43.56 1.39 0.00	33.42 1.19 -0.16	29.31 1.23 -0.05	36.48 1.54 -0.40	43.34 1.59 -0.76	41.46 1.54 -0.06	38.68 1.39 0.00	48.08 1.54 0.00	43.45 1.28 0.00	39.34 1.01 0.00	40.77 1.12 0.00	36.03 0.93 0.00	35.94 1.00 0.00	34.50 1.07 0.00	32.48 0.87 0.00
LOWER RAQUET___HYD 24057	261.00 0.90 -230.67	29.52 0.71 -0.67	98.09 0.88 -66.83	31.80 0.86 0.00	30.46 0.75 0.00	36.66 0.87 0.00	44.83 1.32 -1.34	51.81 1.48 -5.69	43.63 1.10 0.00	42.97 0.80 0.00	32.59 0.51 0.00	28.40 0.36 0.00	34.94 0.40 0.00	41.60 0.61 0.00	40.34 0.48 0.00	37.74 0.46 0.00	47.17 0.63 0.00	42.82 0.63 -0.01	201.66 0.92 -162.41	599.66 1.04 -558.97	94.21 1.07 -58.04	69.59 1.03 -33.62	34.18 0.75 -0.01	32.29 0.69 0.00
LOWER___HUDSON 24059	30.27 0.84 0.00	28.89 0.75 0.00	31.20 0.82 0.00	31.75 0.81 0.00	30.53 0.83 0.00	36.80 1.00 0.00	43.37 1.20 0.00	45.88 1.23 0.00	43.58 1.05 0.00	43.08 0.91 0.00	32.39 0.52 0.21	28.46 0.49 0.06	34.58 0.60 0.55	40.57 0.60 1.03	40.35 0.57 0.08	37.94 0.66 0.00	47.34 0.80 0.00	42.84 0.67 0.00	38.83 0.50 0.00	40.30 0.65 0.00	35.77 0.67 0.00	35.68 0.74 0.00	34.28 0.85 0.00	32.39 0.79 0.00
LOWVILLE_115KV_TB2 356335	96.56 1.30 -65.83	29.50 1.17 -0.19	50.70 1.26 -19.07	32.21 1.27 0.00	30.95 1.24 0.00	37.40 1.60 0.00	44.65 2.10 -0.38	48.54 2.27 -1.62	44.01 1.48 0.00	42.97 0.79 0.00	32.48 0.40 0.00	28.39 0.36 0.00	34.97 0.43 0.00	41.51 0.52 0.00	40.42 0.56 0.00	37.82 0.54 0.00	47.44 0.90 0.00	43.66 1.48 0.00	86.71 2.03 -46.35	201.51 2.35 -159.52	53.78 2.12 -16.56	46.54 2.01 -9.59	35.18 1.75 0.00	33.10 1.50 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.77 1.34 0.00	29.33 1.19 0.00	31.69 1.32 0.00	32.26 1.33 0.00	31.02 1.32 0.00	37.46 1.67 0.00	44.17 2.00 0.00	46.73 2.08 0.00	44.23 1.70 0.00	43.64 1.47 0.00	32.77 0.85 0.17	28.71 0.72 0.05	35.05 0.94 0.44	41.21 1.04 0.82	40.88 1.09 0.06	38.47 1.19 0.00	48.21 1.67 0.00	43.82 1.65 0.00	39.88 1.55 0.00	41.37 1.71 0.00	36.68 1.58 0.00	36.50 1.56 0.00	35.03 1.60 0.00	32.95 1.35 0.00

LUTHERNY_35_KV_BK2 355980	30.78 1.35 0.00	29.36 1.22 0.00	31.71 1.34 0.00	32.28 1.35 0.00	31.05 1.35 0.00	37.49 1.70 0.00	44.20 2.04 0.00	46.75 2.10 0.00	44.25 1.71 0.00	43.67 1.50 0.00	32.76 0.85 0.17	28.71 0.72 0.05	35.08 0.98 0.44	41.20 1.03 0.82	40.92 1.12 0.06	38.50 1.22 0.00	48.23 1.69 0.00	43.90 1.73 0.00	39.97 1.64 0.00	41.40 1.75 0.00	36.72 1.62 0.00	36.50 1.56 0.00	35.05 1.62 0.00	32.96 1.36 0.00
LWR___OSWEGATCHIE_HYD 23850	186.95 1.10 -156.41	29.53 0.94 -0.45	76.77 1.07 -45.32	32.01 1.07 0.00	30.70 1.00 0.00	37.05 1.25 0.00	44.81 1.73 -0.91	50.40 1.90 -3.86	43.81 1.27 0.00	42.92 0.74 0.00	32.47 0.39 0.00	28.34 0.31 0.00	34.89 0.35 0.00	41.48 0.49 0.00	40.29 0.43 0.00	37.70 0.41 0.00	47.23 0.68 0.00	43.19 1.01 -0.01	149.95 1.50 -110.13	420.43 1.75 -379.03	76.09 1.64 -39.36	59.30 1.56 -22.80	34.72 1.28 0.00	32.73 1.12 0.00
LYONS_FALL_HYD 23570	74.44 1.09 -43.93	29.26 0.99 -0.13	44.15 1.05 -12.73	32.02 1.08 0.00	30.76 1.06 0.00	37.17 1.37 0.00	44.20 1.77 -0.25	47.64 1.91 -1.08	43.83 1.29 0.00	42.96 0.79 0.00	32.54 0.46 0.00	28.45 0.42 0.00	35.03 0.49 0.00	41.60 0.61 0.00	40.52 0.66 0.00	37.92 0.64 0.00	47.55 1.01 0.00	43.64 1.46 0.00	71.06 1.80 -30.93	148.11 2.01 -106.45	47.93 1.78 -11.05	43.03 1.69 -6.40	34.91 1.48 0.00	32.86 1.26 0.00
MADISON___COUNTY_LFGE 323628	44.65 0.90 -14.32	29.03 0.84 -0.04	35.41 0.88 -4.15	31.87 0.92 0.00	30.62 0.92 0.00	37.00 1.20 0.00	43.77 1.52 -0.08	46.62 1.62 -0.35	43.70 1.17 0.00	43.00 0.83 0.00	32.64 0.56 0.00	28.57 0.54 0.00	35.18 0.64 0.00	41.80 0.81 0.00	40.72 0.86 0.00	38.12 0.84 0.00	47.82 1.28 0.00	43.81 1.63 0.00	50.15 1.74 -10.08	76.16 1.80 -34.71	40.26 1.56 -3.60	38.47 1.45 -2.09	34.71 1.27 0.00	32.66 1.06 0.00
MALONE___115KV_TB1 356076	114.56 1.36 -83.77	29.48 1.10 -0.24	55.87 1.23 -24.27	32.12 1.18 0.00	30.83 1.12 0.00	37.17 1.37 0.00	44.61 1.95 -0.49	48.85 2.14 -2.07	44.23 1.70 0.00	43.62 1.44 0.00	33.04 0.96 0.00	28.82 0.78 0.00	35.52 0.98 0.00	42.28 1.29 0.00	41.11 1.25 0.00	38.54 1.26 0.00	48.16 1.62 0.00	43.67 1.49 -0.01	98.89 1.58 -58.98	244.38 1.73 -203.00	57.86 1.68 -21.08	48.54 1.39 -12.21	34.46 1.03 0.00	32.56 0.96 0.00
MAPLEWOD_115KV_TB3 80458	29.99 0.56 0.00	28.67 0.53 0.00	30.94 0.57 0.00	31.69 0.75 0.00	30.48 0.78 0.00	36.73 0.94 0.00	43.26 1.09 0.00	45.81 1.16 0.00	43.56 1.03 0.00	43.08 0.90 0.00	32.49 0.56 0.15	28.51 0.52 0.04	34.75 0.60 0.39	40.75 0.47 0.71	40.15 0.34 0.06	37.69 0.40 0.00	47.01 0.47 0.00	42.55 0.37 0.00	38.54 0.21 0.00	39.97 0.32 0.00	35.44 0.34 0.00	35.36 0.42 0.00	33.93 0.49 0.00	32.08 0.47 0.00
MAPLE_RIDGE_WT_1 323574	23.63 0.04 5.84	28.15 0.03 0.02	28.75 0.06 1.69	31.00 0.05 0.00	29.70 0.00 0.00	35.75 -0.04 0.00	42.17 0.04 0.03	44.53 0.02 0.14	42.53 -0.01 0.00	42.23 0.05 0.00	32.11 0.03 0.00	28.04 0.00 0.00	34.54 0.00 0.00	41.02 0.03 0.00	39.90 0.04 0.00	37.33 0.04 0.00	46.61 0.07 0.00	42.21 0.04 0.00	34.26 0.05 4.11	25.51 0.01 14.15	33.68 0.05 1.47	34.12 0.03 0.85	33.42 -0.01 0.00	31.50 -0.10 0.00
MAPLE_RIDGE_WT_2 323611	23.63 0.04 5.84	28.15 0.03 0.02	28.75 0.06 1.69	31.00 0.05 0.00	29.70 0.00 0.00	35.75 -0.04 0.00	42.17 0.04 0.03	44.53 0.02 0.14	42.53 -0.01 0.00	42.23 0.05 0.00	32.11 0.03 0.00	28.04 0.00 0.00	34.54 0.00 0.00	41.02 0.03 0.00	39.90 0.04 0.00	37.33 0.04 0.00	46.61 0.07 0.00	42.21 0.04 0.00	34.26 0.05 4.11	25.51 0.01 14.15	33.68 0.05 1.47	34.12 0.03 0.85	33.42 -0.01 0.00	31.50 -0.10 0.00
MARBLE_RIVER_WT_PWR 323696	48.85 1.87 -17.55	29.69 1.50 -0.05	37.08 1.62 -5.09	32.47 1.53 0.00	31.28 1.57 0.00	37.79 1.99 0.00	44.92 2.65 -0.10	47.78 2.70 -0.43	44.62 2.09 0.00	44.01 1.84 0.00	33.29 1.21 0.00	29.17 1.13 0.00	36.01 1.47 0.00	42.80 1.81 0.00	41.69 1.82 0.00	39.17 1.89 0.00	48.98 2.44 0.00	44.32 2.15 0.00	52.70 2.01 -12.36	84.43 2.25 -42.53	41.56 2.04 -4.42	39.07 1.57 -2.56	34.60 1.17 0.00	32.70 1.10 0.00
MARSHVLE_115KV_TB1 80742	30.62 1.19 0.00	29.24 1.10 0.00	31.55 1.17 0.00	32.19 1.25 0.00	30.90 1.20 0.00	37.32 1.52 0.00	44.05 1.88 0.00	46.49 1.84 0.00	43.62 1.09 0.00	43.23 1.06 0.00	32.53 0.54 0.09	28.45 0.44 0.03	34.98 0.66 0.22	41.40 0.84 0.43	40.77 0.95 0.04	38.08 0.80 0.00	48.04 1.50 0.00	44.11 1.94 0.00	40.50 2.17 0.00	42.04 2.38 0.00	37.21 2.11 0.00	36.81 1.88 0.00	35.07 1.64 0.00	33.00 1.40 0.00
MARSH_HILL_WT_PWR 323713	28.62 -0.81 0.00	27.59 -0.55 0.00	30.01 -0.36 0.00	30.87 -0.07 0.00	29.78 0.07 0.00	35.98 0.18 0.00	41.98 -0.19 0.00	44.42 -0.23 0.00	41.85 -0.68 0.00	41.25 -0.92 0.00	31.59 -0.49 0.00	27.44 -0.59 0.00	34.03 -0.51 0.00	40.62 -0.37 0.00	39.57 -0.29 0.00	36.81 -0.47 0.00	46.05 -0.49 0.00	42.39 0.22 0.00	38.96 0.63 0.00	40.20 0.55 0.00	35.51 0.41 0.00	35.36 0.42 0.00	33.59 0.15 0.00	32.10 0.50 0.00
MCINTYRE_115KV_TB2 80467	289.02 1.23 -258.36	29.90 1.01 -0.75	106.49 1.26 -74.86	32.17 1.23 0.00	30.80 1.09 0.00	37.09 1.29 0.00	45.56 1.89 -1.50	53.10 2.08 -6.37	43.95 1.42 0.00	43.09 0.92 0.00	32.68 0.60 0.00	28.46 0.43 0.00	35.00 0.46 0.00	41.74 0.75 0.00	40.52 0.66 0.00	37.88 0.59 0.00	47.32 0.77 0.00	42.92 0.73 -0.02	221.50 1.26 -181.91	667.35 1.63 -626.07	101.77 1.66 -65.01	74.12 1.52 -37.66	34.63 1.19 -0.01	32.70 1.11 0.00
MECO_____69_KV_BK1 80468	30.92 1.49 0.00	29.51 1.37 0.00	31.84 1.46 0.00	32.46 1.51 0.00	31.18 1.48 0.00	37.69 1.89 0.00	44.53 2.37 0.00	47.05 2.40 0.00	43.99 1.45 0.00	43.21 1.04 0.00	32.37 0.39 0.10	28.15 0.14 0.03	34.53 0.23 0.25	40.78 0.26 0.47	40.09 0.27 0.04	37.52 0.24 0.00	47.60 1.06 0.00	44.04 1.87 0.00	40.68 2.35 0.00	42.33 2.67 0.00	37.46 2.36 0.00	37.12 2.18 0.00	35.39 1.96 0.00	33.30 1.70 0.00
MENANDS___115KV_TB5 355628	29.81 0.38 0.00	28.50 0.36 0.00	30.72 0.35 0.00	31.11 0.17 0.00	29.93 0.23 0.00	36.04 0.24 0.00	42.44 0.27 0.00	44.95 0.31 0.00	42.82 0.29 0.00	42.38 0.21 0.00	32.07 0.13 0.14	28.13 0.14 0.04	34.23 0.05 0.35	40.35 0.04 0.68	39.91 0.10 0.06	37.47 0.18 0.00	46.67 0.13 0.00	42.19 0.02 0.00	38.19 -0.14 0.00	39.61 -0.04 0.00	35.13 0.03 0.00	35.08 0.14 0.00	33.67 0.24 0.00	31.84 0.24 0.00
MG INDUSTRY___DRP 24185	29.85 0.42 0.00	28.61 0.47 0.00	30.86 0.48 0.00	31.39 0.45 0.00	30.18 0.48 0.00	36.35 0.55 0.00	42.80 0.63 0.00	45.30 0.65 0.00	42.99 0.46 0.00	42.47 0.30 0.00	32.13 0.11 0.06	28.05 0.03 0.02	34.30 -0.08 0.16	40.50 -0.19 0.30	39.66 -0.18 0.02	36.77 -0.51 0.00	45.70 -0.84 0.00	41.35 -0.82 0.00	37.53 -0.80 0.00	38.95 -0.70 0.00	34.54 -0.56 0.00	34.47 -0.47 0.00	33.07 -0.36 0.00	31.32 -0.28 0.00

MID___OSWEGATCHIE_HYD 23849	186.95 1.10 -156.41	29.53 0.94 -0.45	76.77 1.07 -45.32	32.01 1.07 0.00	30.70 1.00 0.00	37.05 1.25 0.00	44.81 1.73 -0.91	50.40 1.90 -3.86	43.81 1.27 0.00	42.92 0.74 0.00	32.47 0.39 0.00	28.34 0.31 0.00	34.89 0.35 0.00	41.48 0.49 0.00	40.29 0.43 0.00	37.70 0.41 0.00	47.23 0.68 0.00	43.19 1.01 -0.01	149.95 1.50 -110.13	420.43 1.75 -379.03	76.09 1.64 -39.36	59.30 1.56 -22.80	34.72 1.28 0.00	32.73 1.12 0.00
MID___RAQUETTE_HYD 23851	261.00 0.90 -230.67	29.52 0.71 -0.67	98.09 0.88 -66.83	31.81 0.86 0.00	30.46 0.75 0.00	36.66 0.87 0.00	44.83 1.32 -1.34	51.81 1.48 -5.69	43.63 1.10 0.00	42.97 0.80 0.00	32.59 0.51 0.00	28.40 0.36 0.00	34.94 0.40 0.00	41.60 0.61 0.00	40.34 0.48 0.00	37.74 0.46 0.00	47.17 0.63 0.00	42.81 0.63 -0.01	201.66 0.92 -162.41	599.66 1.04 -558.97	94.20 1.07 -58.04	69.58 1.02 -33.62	34.19 0.75 -0.01	32.29 0.69 0.00
MILLIKEN___1 23584	29.73 0.30 0.00	28.46 0.32 0.00	30.69 0.31 0.00	31.29 0.34 0.00	30.08 0.37 0.00	36.38 0.58 0.00	42.75 0.58 0.00	45.23 0.58 0.00	42.80 0.26 0.00	42.20 0.03 0.00	32.14 0.06 0.00	28.03 0.00 0.00	34.61 0.07 0.00	41.17 0.18 0.00	40.14 0.28 0.00	37.56 0.27 0.00	46.96 0.42 0.00	43.03 0.85 0.00	39.34 1.02 0.00	40.74 1.08 0.00	36.04 0.94 0.00	35.81 0.87 0.00	34.16 0.73 0.00	32.29 0.69 0.00
MILLIKEN___2 23585	29.73 0.30 0.00	28.46 0.32 0.00	30.69 0.31 0.00	31.29 0.34 0.00	30.08 0.37 0.00	36.38 0.58 0.00	42.75 0.58 0.00	45.23 0.58 0.00	42.80 0.26 0.00	42.20 0.03 0.00	32.14 0.06 0.00	28.03 0.00 0.00	34.61 0.07 0.00	41.17 0.18 0.00	40.14 0.28 0.00	37.56 0.27 0.00	46.96 0.42 0.00	43.03 0.85 0.00	39.34 1.02 0.00	40.74 1.08 0.00	36.04 0.94 0.00	35.81 0.87 0.00	34.16 0.73 0.00	32.29 0.69 0.00
MILLIKEN___DIESEL 23629	29.73 0.30 0.00	28.46 0.32 0.00	30.69 0.31 0.00	31.29 0.34 0.00	30.08 0.37 0.00	36.38 0.58 0.00	42.75 0.58 0.00	45.23 0.58 0.00	42.80 0.26 0.00	42.20 0.03 0.00	32.14 0.06 0.00	28.03 0.00 0.00	34.61 0.07 0.00	41.17 0.18 0.00	40.14 0.28 0.00	37.56 0.27 0.00	46.96 0.42 0.00	43.03 0.85 0.00	39.34 1.02 0.00	40.74 1.08 0.00	36.04 0.94 0.00	35.81 0.87 0.00	34.16 0.73 0.00	32.29 0.69 0.00
MILLSEAT___LFGE 323607	29.20 -0.23 0.00	28.08 -0.06 0.00	30.31 -0.07 0.00	31.00 0.06 0.00	29.90 0.19 0.00	36.14 0.34 0.00	41.61 -0.56 0.00	43.94 -0.71 0.00	41.95 -0.59 0.00	41.71 -0.46 0.00	31.95 -0.13 0.00	27.63 -0.40 0.00	35.19 0.65 0.00	41.26 0.27 0.00	40.05 0.19 0.00	37.35 0.06 0.00	46.40 -0.15 0.00	42.59 0.41 0.00	39.22 0.90 0.00	40.31 0.66 0.00	35.61 0.51 0.00	35.39 0.45 0.00	33.80 0.37 0.00	32.45 0.85 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.45 1.02 0.00	29.01 0.87 0.00	31.26 0.89 0.00	31.81 0.87 0.00	30.55 0.85 0.00	36.92 1.12 0.00	43.46 1.29 0.00	45.99 1.34 0.00	43.95 1.41 0.00	43.76 1.59 0.00	33.60 1.35 -0.17	29.45 1.36 -0.05	36.67 1.69 -0.44	43.57 1.76 -0.82	41.62 1.70 -0.07	38.82 1.54 0.00	48.22 1.68 0.00	43.56 1.39 0.00	39.45 1.12 0.00	40.89 1.24 0.00	36.17 1.07 0.00	36.06 1.12 0.00	34.60 1.18 0.00	32.58 0.98 0.00
MILLWOOD_13_KV_LOAD 356217	30.49 1.06 0.00	29.04 0.91 0.00	31.30 0.93 0.00	31.86 0.91 0.00	30.59 0.88 0.00	36.97 1.17 0.00	43.52 1.36 0.00	46.05 1.40 0.00	44.02 1.48 0.00	43.83 1.65 0.00	33.65 1.40 -0.17	29.48 1.40 -0.05	36.72 1.75 -0.44	43.63 1.82 -0.82	41.68 1.75 -0.07	38.89 1.61 0.00	48.29 1.75 0.00	43.63 1.45 0.00	39.50 1.18 0.00	40.97 1.32 0.00	36.23 1.13 0.00	36.11 1.17 0.00	34.67 1.23 0.00	32.62 1.02 0.00
MODEL_CITY_ENERGY 24167	28.31 -1.12 0.00	27.28 -0.86 0.00	29.46 -0.91 0.00	30.13 -0.81 0.00	29.09 -0.62 0.00	35.08 -0.72 0.00	40.02 -2.15 0.00	42.09 -2.55 0.00	40.33 -2.21 0.00	40.44 -1.73 0.00	31.12 -0.96 0.00	26.84 -1.20 0.00	33.51 -1.03 0.00	40.02 -0.97 0.00	38.92 -0.94 0.00	36.05 -1.24 0.00	44.82 -1.72 0.00	40.99 -1.19 0.00	37.60 -0.72 0.00	38.46 -1.19 0.00	34.01 -1.09 0.00	33.92 -1.01 0.00	32.50 -0.94 0.00	31.43 -0.17 0.00
MODERN_LFGE___ 323580	28.31 -1.12 0.00	27.28 -0.86 0.00	29.46 -0.91 0.00	30.13 -0.81 0.00	29.09 -0.62 0.00	35.08 -0.72 0.00	40.02 -2.15 0.00	42.09 -2.55 0.00	40.33 -2.21 0.00	40.44 -1.73 0.00	31.12 -0.96 0.00	26.84 -1.20 0.00	33.51 -1.03 0.00	40.02 -0.97 0.00	38.92 -0.94 0.00	36.05 -1.24 0.00	44.82 -1.72 0.00	40.99 -1.19 0.00	37.60 -0.72 0.00	38.46 -1.19 0.00	34.01 -1.09 0.00	33.92 -1.01 0.00	32.50 -0.94 0.00	31.43 -0.17 0.00
MOHAWK_PAPER___DRP 24187	29.99 0.56 0.00	28.67 0.53 0.00	30.94 0.57 0.00	31.69 0.75 0.00	30.48 0.78 0.00	36.73 0.94 0.00	43.26 1.09 0.00	45.81 1.16 0.00	43.56 1.03 0.00	43.08 0.90 0.00	32.49 0.56 0.15	28.51 0.52 0.04	34.75 0.60 0.39	40.75 0.47 0.71	40.15 0.34 0.06	37.69 0.40 0.00	47.01 0.47 0.00	42.55 0.37 0.00	38.54 0.21 0.00	39.97 0.32 0.00	35.44 0.34 0.00	35.36 0.42 0.00	33.93 0.49 0.00	32.08 0.47 0.00
MOHICAN___35_KV_115KV_LD 80490	31.10 1.67 0.00	29.55 1.41 0.00	31.98 1.61 0.00	32.53 1.58 0.00	31.31 1.61 0.00	37.91 2.11 0.00	44.71 2.54 0.00	47.33 2.68 0.00	44.60 2.06 0.00	43.85 1.67 0.00	32.84 0.93 0.17	28.71 0.73 0.05	35.05 0.96 0.45	41.28 1.13 0.84	40.95 1.15 0.07	38.62 1.34 0.00	48.52 1.97 0.00	44.13 1.96 0.00	40.39 2.07 0.00	41.96 2.31 0.00	37.26 2.16 0.00	37.05 2.12 0.00	35.60 2.17 0.00	33.24 1.64 0.00
MONGAUP___HYD 23641	30.29 0.86 0.00	28.90 0.76 0.00	31.15 0.77 0.00	31.70 0.76 0.00	30.44 0.74 0.00	36.77 0.97 0.00	43.33 1.16 0.00	45.88 1.24 0.00	43.78 1.25 0.00	43.46 1.29 0.00	33.19 0.98 -0.14	29.00 0.93 -0.04	36.08 1.19 -0.35	43.01 1.36 -0.66	41.14 1.23 -0.05	38.43 1.15 0.00	48.01 1.47 0.00	43.51 1.34 0.00	39.48 1.15 0.00	40.91 1.25 0.00	36.17 1.07 0.00	36.03 1.09 0.00	34.51 1.08 0.00	32.63 1.03 0.00
MONTAUK___DIESEL 23721	30.97 1.54 0.00	29.36 1.22 0.00	31.74 1.37 0.00	32.32 1.38 0.00	30.91 1.21 0.00	37.37 1.57 0.00	43.76 1.59 0.00	46.37 1.73 0.00	44.13 1.60 0.00	43.72 1.54 0.00	33.46 1.22 -0.17	5.52 1.14 23.65	34.64 1.53 1.43	36.58 1.78 6.18	29.08 1.50 12.28	38.64 1.37 0.01	47.57 1.03 0.00	43.09 0.91 0.00	39.21 0.89 0.00	40.95 1.30 0.00	35.82 0.72 0.00	35.50 0.57 0.00	34.10 0.67 0.00	31.88 0.28 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.64 -0.79 0.00	27.46 -0.68 0.00	29.48 -0.89 0.00	30.18 -0.76 0.00	29.31 -0.39 0.00	35.67 -0.12 0.00	41.35 -0.82 0.00	43.99 -0.66 0.00	42.15 -0.38 0.00	42.27 0.10 0.00	32.56 0.48 0.00	28.30 0.26 0.00	35.15 0.61 0.00	42.01 1.02 0.00	40.81 0.95 0.00	37.80 0.52 0.00	47.17 0.62 0.00	43.15 0.98 0.00	39.36 1.03 0.00	40.14 0.49 0.00	35.35 0.25 0.00	35.18 0.24 0.00	33.54 0.11 0.00	32.09 0.49 0.00

MORRIS_RIDGE___SOLAR 323848	28.69 -0.74 0.00	27.62 -0.52 0.00	29.85 -0.53 0.00	30.58 -0.36 0.00	29.50 -0.20 0.00	35.67 -0.13 0.00	41.39 -0.78 0.00	43.76 -0.89 0.00	41.30 -1.24 0.00	40.74 -1.43 0.00	31.24 -0.84 0.00	27.12 -0.91 0.00	33.65 -0.89 0.00	40.18 -0.81 0.00	39.13 -0.73 0.00	36.37 -0.92 0.00	45.49 -1.05 0.00	41.81 -0.37 0.00	38.44 0.11 0.00	39.65 0.00 0.00	35.09 0.00 0.00	34.94 0.01 0.00	33.34 -0.09 0.00	31.88 0.28 0.00
MORTIMER_115KV_TB3 55949	29.17 -0.26 0.00	27.96 -0.18 0.00	30.18 -0.20 0.00	30.83 -0.11 0.00	29.70 0.00 0.00	35.93 0.13 0.00	41.84 -0.33 0.00	44.27 -0.38 0.00	42.16 -0.38 0.00	41.93 -0.24 0.00	32.09 0.01 0.00	27.91 -0.12 0.00	34.44 -0.09 0.00	41.26 0.27 0.00	40.21 0.35 0.00	37.47 0.18 0.00	46.81 0.27 0.00	42.81 0.64 0.00	39.17 0.84 0.00	40.31 0.65 0.00	35.58 0.48 0.00	35.32 0.38 0.00	33.74 0.31 0.00	32.08 0.48 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	30.62 1.19 0.00	29.15 1.01 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.07 1.27 0.00	43.62 1.45 0.00	46.14 1.49 0.00	44.15 1.62 0.00	44.00 1.82 0.00	33.83 1.58 -0.17	29.65 1.56 -0.05	36.92 1.94 -0.44	43.86 2.04 -0.82	41.90 1.97 -0.07	39.09 1.81 0.00	48.48 1.94 0.00	43.79 1.61 0.00	39.62 1.30 0.00	41.07 1.42 0.00	36.36 1.26 0.00	36.24 1.30 0.00	34.78 1.35 0.00	32.72 1.11 0.00
MUNSVILLE_WIND_PWR 323609	31.02 1.59 0.00	29.71 1.57 0.00	32.02 1.65 0.00	32.60 1.65 0.00	31.36 1.66 0.00	38.05 2.26 0.00	44.79 2.62 0.00	46.25 1.60 0.00	43.60 1.07 0.00	42.90 0.73 0.00	32.96 0.88 0.00	28.74 0.70 0.00	35.53 0.99 0.00	42.23 1.24 0.00	41.25 1.39 0.00	38.92 1.64 0.00	48.95 2.41 0.00	45.11 2.94 0.00	41.53 3.20 0.00	43.03 3.38 0.00	37.97 2.87 0.00	37.53 2.59 0.00	35.66 2.23 0.00	33.59 1.99 0.00
N SALMON___HYD 24042	114.56 1.36 -83.77	29.48 1.10 -0.24	55.87 1.23 -24.27	32.12 1.18 0.00	30.83 1.12 0.00	37.17 1.37 0.00	44.61 1.95 -0.49	48.85 2.14 -2.07	44.23 1.69 0.00	43.62 1.44 0.00	33.04 0.96 0.00	28.82 0.78 0.00	35.52 0.98 0.00	42.28 1.29 0.00	41.11 1.25 0.00	38.54 1.26 0.00	48.16 1.62 0.00	43.67 1.49 -0.01	98.89 1.58 -58.98	244.38 1.74 -203.00	57.86 1.68 -21.08	48.54 1.39 -12.21	34.46 1.03 0.00	32.56 0.96 0.00
N.AKRON__115KV_KNAPP 355671	29.30 -0.13 0.00	28.16 0.02 0.00	30.40 0.03 0.00	31.09 0.15 0.00	29.98 0.28 0.00	36.25 0.46 0.00	41.73 -0.44 0.00	44.06 -0.59 0.00	42.07 -0.46 0.00	41.82 -0.35 0.00	32.04 -0.04 0.00	27.73 -0.30 0.00	36.73 2.19 0.00	41.64 0.65 0.00	40.20 0.34 0.00	37.67 0.38 0.00	46.55 0.01 0.00	42.69 0.52 0.00	39.32 1.00 0.00	40.42 0.77 0.00	35.70 0.60 0.00	35.49 0.55 0.00	33.90 0.47 0.00	32.55 0.94 0.00
N.E_GEN_SANDY PD 24062	30.12 0.69 0.00	28.73 0.59 0.00	31.04 0.67 0.00	31.58 0.64 0.00	30.35 0.65 0.00	36.55 0.75 0.00	43.09 0.92 0.00	45.58 0.93 0.00	43.42 0.90 0.01	43.69 0.90 -0.62	30.99 0.58 1.67	28.26 0.62 0.39	31.75 0.74 3.53	35.08 0.69 6.61	39.96 0.63 0.53	37.94 0.66 0.00	47.71 0.67 -0.50	42.58 0.41 0.00	38.50 0.18 0.00	39.98 0.33 0.00	35.46 0.37 0.00	35.41 0.47 0.00	34.05 0.62 0.00	32.17 0.57 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	30.34 0.91 0.00	28.92 0.78 0.00	31.17 0.80 0.00	31.75 0.81 0.00	30.48 0.78 0.00	36.87 1.07 0.00	43.37 1.20 0.00	45.89 1.24 0.00	43.80 1.27 0.00	43.62 1.44 0.00	33.45 1.22 -0.15	29.34 1.26 -0.05	36.52 1.58 -0.40	43.39 1.65 -0.75	41.53 1.61 -0.06	38.74 1.46 0.00	48.18 1.64 0.00	43.57 1.40 0.00	39.43 1.11 0.00	40.86 1.20 0.00	36.09 0.99 0.00	36.00 1.06 0.00	34.56 1.13 0.00	32.53 0.93 0.00
N.QUEENS_27_KV_LOAD 356247	30.61 1.18 0.00	29.06 0.92 0.00	31.37 0.99 0.00	31.91 0.97 0.00	30.66 0.96 0.00	37.08 1.28 0.00	43.57 1.40 0.00	45.96 1.31 0.00	44.06 1.53 0.00	43.86 1.69 0.00	33.77 1.52 -0.17	29.62 1.54 -0.05	36.81 1.83 -0.44	43.78 1.97 -0.82	41.78 1.85 -0.07	39.01 1.73 0.00	48.28 1.74 0.00	43.59 1.42 0.00	39.53 1.21 0.00	41.00 1.35 0.00	36.36 1.26 0.00	36.21 1.27 0.00	34.76 1.33 0.00	32.69 1.09 0.00
N.TROY___115KV_TB1 355778	30.27 0.84 0.00	28.89 0.75 0.00	31.20 0.82 0.00	31.75 0.81 0.00	30.54 0.83 0.00	36.80 1.00 0.00	43.37 1.20 0.00	45.88 1.23 0.00	43.57 1.04 0.00	43.08 0.91 0.00	32.39 0.52 0.21	28.46 0.49 0.06	34.58 0.60 0.55	40.56 0.59 1.03	40.35 0.57 0.08	37.94 0.66 0.00	47.35 0.80 0.00	42.85 0.67 0.00	38.83 0.50 0.00	40.30 0.65 0.00	35.77 0.67 0.00	35.68 0.74 0.00	34.28 0.85 0.00	32.39 0.79 0.00
NARROWS_GT1_1 24228	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT1_2 24229	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT1_3 24230	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT1_4 24231	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT1_5 24232	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00

NARROWS_GT1_6 24233	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT1_7 24234	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT1_8 24235	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT2_1 24236	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT2_2 24237	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT2_3 24238	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT2_4 24239	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT2_5 24240	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT2_6 24241	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT2_7 24242	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NARROWS_GT2_8 24243	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.16 2.24 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.32 1.67 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.35 0.92 0.00	29.08 0.94 0.00	31.33 0.95 0.00	31.87 0.93 0.00	30.66 0.95 0.00	36.96 1.17 0.00	43.67 1.51 0.00	46.36 1.71 0.00	43.91 1.38 0.00	43.16 0.98 0.00	32.68 0.60 0.00	28.33 0.30 0.00	34.81 0.27 0.00	41.30 0.31 0.00	40.14 0.28 0.00	37.56 0.27 0.00	46.86 0.32 0.00	42.71 0.54 0.00	38.89 0.57 0.00	40.44 0.79 0.00	35.84 0.74 0.00	35.66 0.72 0.00	34.12 0.69 0.00	32.28 0.67 0.00
NCHELSEA_115KV_TR2 355582	30.57 1.14 0.00	29.15 1.01 0.00	31.41 1.04 0.00	31.96 1.02 0.00	30.69 1.00 0.00	37.08 1.28 0.00	43.70 1.53 0.00	46.28 1.63 0.00	44.20 1.66 0.00	43.95 1.77 0.00	33.63 1.43 -0.13	29.49 1.42 -0.04	36.63 1.77 -0.33	43.50 1.89 -0.61	41.75 1.84 -0.05	39.01 1.72 0.00	48.57 2.03 0.00	43.91 1.73 0.00	39.81 1.48 0.00	41.24 1.60 0.00	36.47 1.37 0.00	36.32 1.38 0.00	34.81 1.38 0.00	32.78 1.18 0.00
NEG CAPITAL___MECHNVIL 23645	30.76 1.33 0.00	29.32 1.19 0.00	31.68 1.30 0.00	32.25 1.31 0.00	31.01 1.31 0.00	37.43 1.63 0.00	44.15 1.98 0.00	46.71 2.06 0.00	44.25 1.72 0.00	43.68 1.50 0.00	32.80 0.91 0.19	28.76 0.78 0.05	35.09 1.03 0.48	41.23 1.13 0.90	40.97 1.18 0.07	38.54 1.25 0.00	48.27 1.73 0.00	43.85 1.68 0.00	39.87 1.55 0.00	41.37 1.71 0.00	36.67 1.57 0.00	36.48 1.54 0.00	35.02 1.59 0.00	32.97 1.36 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.65 -0.78 0.00	27.46 -0.68 0.00	29.63 -0.75 0.00	30.25 -0.69 0.00	29.13 -0.57 0.00	35.24 -0.56 0.00	41.17 -1.00 0.00	43.57 -1.08 0.00	41.45 -1.08 0.00	41.18 -0.99 0.00	31.47 -0.61 0.00	27.39 -0.65 0.00	33.74 -0.80 0.00	40.39 -0.60 0.00	39.37 -0.49 0.00	36.73 -0.55 0.00	45.93 -0.60 0.00	42.01 -0.17 0.00	38.42 0.09 0.00	39.55 -0.10 0.00	34.91 -0.19 0.00	34.60 -0.34 0.00	33.05 -0.39 0.00	31.37 -0.23 0.00

NEG CENTRAL___DRP 24199	33.86 0.05 -4.38	28.26 0.11 -0.01	31.75 0.10 -1.27	31.12 0.18 0.00	29.95 0.24 0.00	36.24 0.44 0.00	42.45 0.28 0.00	44.91 0.26 0.00	42.51 -0.02 0.00	41.89 -0.28 0.00	31.94 -0.14 0.00	27.86 -0.17 0.00	34.42 -0.12 0.00	40.99 0.00 0.00	39.95 0.09 0.00	37.33 0.05 0.00	46.66 0.12 0.00	42.88 0.71 0.00	42.36 0.95 -3.08	51.20 0.93 -10.62	37.06 0.86 -1.10	36.44 0.86 -0.64	34.13 0.70 0.00	32.30 0.69 0.00
NEG CENTRAL___INDECK 23768	29.81 0.38 0.00	28.62 0.48 0.00	30.91 0.54 0.00	31.66 0.72 0.00	30.54 0.83 0.00	36.98 1.19 0.00	43.24 1.07 0.00	45.80 1.15 0.00	43.05 0.51 0.00	42.22 0.05 0.00	32.35 0.27 0.00	28.10 0.07 0.00	34.74 0.20 0.00	41.63 0.64 0.00	40.54 0.68 0.00	37.72 0.44 0.00	47.20 0.66 0.00	43.35 1.18 0.00	40.12 1.79 0.00	41.66 2.01 0.00	36.89 1.79 0.00	36.58 1.65 0.00	34.85 1.42 0.00	33.07 1.47 0.00
NEG CENTRAL___SENECA 23627	29.53 0.10 0.00	28.34 0.20 0.00	30.57 0.20 0.00	31.25 0.31 0.00	30.08 0.38 0.00	36.43 0.64 0.00	42.58 0.41 0.00	45.05 0.41 0.00	42.61 0.08 0.00	41.95 -0.22 0.00	32.02 -0.06 0.00	27.91 -0.13 0.00	34.51 -0.03 0.00	41.12 0.13 0.00	40.10 0.24 0.00	37.45 0.16 0.00	46.74 0.21 0.00	43.11 0.94 0.00	39.54 1.22 0.00	40.82 1.17 0.00	36.24 1.14 0.00	36.12 1.18 0.00	34.39 0.96 0.00	32.58 0.98 0.00
NEG CENTRAL___STATE_STREET 24147	34.01 0.03 -4.55	28.21 0.06 -0.01	31.74 0.05 -1.32	31.03 0.08 0.00	29.84 0.14 0.00	36.08 0.28 0.00	42.38 0.18 -0.03	44.91 0.15 -0.11	42.45 -0.08 0.00	41.89 -0.28 0.00	31.90 -0.18 0.00	27.85 -0.18 0.00	34.37 -0.17 0.00	40.90 -0.09 0.00	39.84 -0.02 0.00	37.27 -0.02 0.00	46.60 0.06 0.00	42.69 0.52 0.00	42.19 0.67 -3.20	51.33 0.66 -11.02	36.81 0.56 -1.14	36.12 0.52 -0.66	33.85 0.42 0.00	32.02 0.42 0.00
NEG MILLWOOD___DRP 24198	30.63 1.20 0.00	29.18 1.05 0.00	31.45 1.08 0.00	31.99 1.05 0.00	30.73 1.02 0.00	37.13 1.34 0.00	43.77 1.60 0.00	46.36 1.71 0.00	44.29 1.76 0.00	44.06 1.89 0.00	33.75 1.53 -0.14	29.58 1.51 -0.04	36.80 1.89 -0.37	43.71 2.02 -0.70	41.88 1.96 -0.06	39.12 1.84 0.00	48.66 2.12 0.00	44.00 1.83 0.00	39.87 1.54 0.00	41.32 1.67 0.00	36.52 1.43 0.00	36.38 1.45 0.00	34.88 1.44 0.00	32.81 1.21 0.00
NEG NORTH_FLCN_SEA 23793	48.87 1.89 -17.55	29.71 1.52 -0.05	37.12 1.66 -5.09	32.53 1.59 0.00	31.31 1.61 0.00	37.83 2.03 0.00	44.95 2.68 -0.10	47.83 2.75 -0.43	44.67 2.14 0.00	44.06 1.88 0.00	33.34 1.26 0.00	29.20 1.16 0.00	36.04 1.50 0.00	42.83 1.84 0.00	41.70 1.84 0.00	39.21 1.92 0.00	49.04 2.50 0.00	44.39 2.22 0.00	52.79 2.10 -12.36	84.54 2.35 -42.53	41.67 2.15 -4.42	39.25 1.76 -2.56	34.81 1.38 0.00	32.86 1.26 0.00
NEG NORTH_KES_CHATEGAY 23792	64.73 1.16 -34.14	29.15 0.92 -0.10	41.28 1.02 -9.89	31.88 0.94 0.00	30.62 0.92 0.00	36.94 1.15 0.00	44.01 1.64 -0.20	47.18 1.68 -0.84	43.83 1.30 0.00	43.27 1.10 0.00	32.79 0.71 0.00	28.63 0.60 0.00	35.31 0.77 0.00	42.02 1.03 0.00	40.88 1.02 0.00	38.34 1.06 0.00	47.89 1.35 0.00	43.36 1.18 0.00	63.61 1.25 -24.04	123.78 1.39 -82.74	45.00 1.31 -8.59	40.92 1.00 -4.98	34.12 0.69 0.00	32.27 0.67 0.00
NEG NORTH___ALICE_FALLS 23915	51.80 1.82 -20.55	29.66 1.46 -0.06	37.94 1.61 -5.96	32.47 1.53 0.00	31.23 1.53 0.00	37.73 1.93 0.00	44.89 2.60 -0.12	47.84 2.68 -0.51	44.58 2.04 0.00	43.93 1.76 0.00	33.24 1.16 0.00	29.08 1.05 0.00	35.89 1.35 0.00	42.66 1.67 0.00	41.54 1.68 0.00	39.04 1.76 0.00	48.82 2.28 0.00	44.22 2.04 0.00	54.85 2.06 -14.47	91.78 2.32 -49.81	42.43 2.16 -5.17	39.68 1.74 -3.00	34.80 1.37 0.00	32.84 1.24 0.00
NEG NORTH___LWR_SARANAC 23913	51.80 1.82 -20.55	29.66 1.46 -0.06	37.94 1.61 -5.96	32.47 1.53 0.00	31.23 1.53 0.00	37.73 1.93 0.00	44.89 2.60 -0.12	47.84 2.68 -0.51	44.58 2.04 0.00	43.93 1.76 0.00	33.24 1.16 0.00	29.08 1.05 0.00	35.89 1.35 0.00	42.66 1.67 0.00	41.54 1.68 0.00	39.04 1.76 0.00	48.82 2.28 0.00	44.22 2.04 0.00	54.85 2.06 -14.47	91.78 2.32 -49.81	42.43 2.16 -5.17	39.68 1.74 -3.00	34.80 1.37 0.00	32.84 1.24 0.00
NEG NORTH___PLATTSBURG 23628	51.80 1.82 -20.55	29.66 1.46 -0.06	37.94 1.61 -5.96	32.47 1.53 0.00	31.23 1.53 0.00	37.73 1.93 0.00	44.89 2.60 -0.12	47.84 2.68 -0.51	44.57 2.04 0.00	43.93 1.76 0.00	33.24 1.15 0.00	29.08 1.05 0.00	35.89 1.35 0.00	42.66 1.67 0.00	41.54 1.68 0.00	39.04 1.76 0.00	48.82 2.28 0.00	44.22 2.04 0.00	54.85 2.05 -14.47	91.78 2.32 -49.81	42.42 2.16 -5.17	39.68 1.74 -3.00	34.80 1.37 0.00	32.84 1.24 0.00
NEG WEST_LEA_LOCKPORT 23791	28.53 -0.90 0.00	27.47 -0.67 0.00	29.67 -0.70 0.00	30.36 -0.58 0.00	29.29 -0.42 0.00	35.33 -0.46 0.00	40.37 -1.81 0.00	42.53 -2.12 0.00	40.73 -1.80 0.00	40.79 -1.39 0.00	31.40 -0.68 0.00	27.09 -0.94 0.00	33.86 -0.68 0.00	40.41 -0.58 0.00	39.30 -0.57 0.00	36.43 -0.85 0.00	45.29 -1.25 0.00	41.43 -0.74 0.00	38.01 -0.32 0.00	38.90 -0.75 0.00	34.40 -0.70 0.00	34.28 -0.66 0.00	32.84 -0.59 0.00	31.71 0.11 0.00
NEG WEST___LANCASTR 23811	28.51 -0.92 0.00	27.42 -0.72 0.00	29.61 -0.77 0.00	30.31 -0.63 0.00	29.22 -0.48 0.00	35.29 -0.50 0.00	40.59 -1.58 0.00	42.94 -1.71 0.00	41.06 -1.47 0.00	41.12 -1.05 0.00	31.65 -0.43 0.00	27.41 -0.63 0.00	34.05 -0.49 0.00	40.73 -0.26 0.00	39.61 -0.25 0.00	36.74 -0.55 0.00	45.83 -0.71 0.00	41.91 -0.27 0.00	38.27 -0.06 0.00	39.18 -0.47 0.00	34.63 -0.46 0.00	34.50 -0.44 0.00	33.06 -0.37 0.00	31.72 0.12 0.00
NEG_PENN_ALLEGHNY 23528	29.42 -0.01 0.00	28.21 0.07 0.00	30.42 0.04 0.00	31.02 0.08 0.00	29.82 0.12 0.00	36.05 0.25 0.00	42.30 0.12 0.00	44.82 0.17 0.00	42.58 0.04 0.00	42.18 0.01 0.00	32.16 0.08 0.00	28.12 0.08 0.00	34.74 0.20 0.00	41.27 0.28 0.00	40.17 0.31 0.00	37.51 0.23 0.00	46.95 0.41 0.00	42.81 0.63 0.00	38.90 0.58 0.00	40.17 0.52 0.00	35.56 0.46 0.00	35.40 0.46 0.00	33.81 0.38 0.00	31.98 0.37 0.00
NEG___GEN_MONROE 24207	29.34 -0.09 0.00	28.13 -0.01 0.00	30.39 0.01 0.00	31.05 0.11 0.00	29.95 0.24 0.00	36.27 0.47 0.00	42.21 0.04 0.00	44.52 -0.13 0.00	42.35 -0.18 0.00	42.08 -0.10 0.00	32.18 0.10 0.00	27.97 -0.07 0.00	34.70 0.16 0.00	41.46 0.47 0.00	40.37 0.51 0.00	37.65 0.37 0.00	46.96 0.42 0.00	43.02 0.85 0.00	39.46 1.13 0.00	40.65 1.00 0.00	35.85 0.75 0.00	35.58 0.64 0.00	33.98 0.55 0.00	32.39 0.79 0.00
NEPA___ENERGY 23901	28.34 -1.09 0.00	27.29 -0.85 0.00	29.43 -0.95 0.00	30.13 -0.81 0.00	29.07 -0.64 0.00	35.28 -0.52 0.00	40.72 -1.45 0.00	43.39 -1.26 0.00	41.32 -1.22 0.00	41.16 -1.01 0.00	31.68 -0.40 0.00	27.54 -0.49 0.00	34.22 -0.32 0.00	40.85 -0.14 0.00	39.78 -0.08 0.00	36.89 -0.40 0.00	46.26 -0.28 0.00	42.35 0.18 0.00	38.50 0.17 0.00	39.44 -0.21 0.00	34.85 -0.24 0.00	34.77 -0.17 0.00	33.17 -0.27 0.00	31.75 0.14 0.00

NEVERSINK___HYD 23608	30.15 0.72 0.00	28.76 0.61 0.00	31.00 0.62 0.00	31.55 0.60 0.00	30.29 0.59 0.00	36.60 0.80 0.00	43.19 1.02 0.00	45.78 1.13 0.00	43.68 1.14 0.00	43.34 1.17 0.00	33.04 0.86 -0.10	28.91 0.85 -0.03	35.92 1.13 -0.25	42.40 0.94 -0.46	39.81 -0.09 -0.04	37.24 -0.04 0.00	46.53 -0.01 0.00	42.19 0.02 0.00	38.23 -0.09 0.00	39.79 0.14 0.00	36.20 1.10 0.00	35.98 1.05 0.00	34.46 1.03 0.00	32.41 0.81 0.00
NEWKRMKL_115KV_TB1 55635	29.67 0.24 0.00	28.39 0.25 0.00	30.60 0.22 0.00	31.06 0.11 0.00	29.88 0.18 0.00	36.00 0.20 0.00	42.40 0.23 0.00	44.92 0.27 0.00	42.77 0.24 0.00	42.32 0.15 0.00	32.06 0.10 0.12	28.11 0.10 0.04	34.22 0.01 0.32	40.29 -0.09 0.61	39.76 -0.05 0.05	37.33 0.04 0.00	46.52 -0.02 0.00	42.06 -0.11 0.00	38.09 -0.23 0.00	39.50 -0.15 0.00	35.01 -0.08 0.00	34.96 0.02 0.00	33.54 0.11 0.00	31.71 0.11 0.00
NEWTON___FALLS_HYD 23847	186.95 1.10 -156.41	29.53 0.94 -0.45	76.77 1.07 -45.32	32.01 1.07 0.00	30.70 1.00 0.00	37.05 1.25 0.00	44.81 1.73 -0.91	50.40 1.90 -3.86	43.81 1.27 0.00	42.92 0.74 0.00	32.47 0.39 0.00	28.34 0.31 0.00	34.89 0.35 0.00	41.48 0.49 0.00	40.29 0.43 0.00	37.70 0.41 0.00	47.23 0.68 0.00	43.19 1.01 -0.01	149.95 1.50 -110.13	420.43 1.75 -379.03	76.09 1.64 -39.36	59.30 1.56 -22.80	34.72 1.28 0.00	32.73 1.12 0.00
NGRID_A1_DSASP 323792	28.28 -1.15 0.00	27.23 -0.91 0.00	29.44 -0.94 0.00	30.13 -0.81 0.00	29.07 -0.64 0.00	34.99 -0.81 0.00	39.89 -2.28 0.00	42.03 -2.62 0.00	40.35 -2.18 0.00	40.52 -1.66 0.00	31.22 -0.86 0.00	26.91 -1.13 0.00	33.44 -1.10 0.00	40.09 -0.90 0.00	39.04 -0.82 0.00	36.18 -1.11 0.00	44.72 -1.82 0.00	40.85 -1.32 0.00	37.42 -0.90 0.00	38.25 -1.41 0.00	33.84 -1.26 0.00	33.73 -1.21 0.00	32.50 -0.93 0.00	31.48 -0.12 0.00
NGRID_A2_DSASP 323793	28.28 -1.15 0.00	27.23 -0.91 0.00	29.44 -0.94 0.00	30.13 -0.81 0.00	29.07 -0.64 0.00	34.99 -0.81 0.00	39.89 -2.28 0.00	42.03 -2.62 0.00	40.35 -2.18 0.00	40.52 -1.66 0.00	31.22 -0.86 0.00	26.91 -1.13 0.00	33.44 -1.10 0.00	40.09 -0.90 0.00	39.04 -0.82 0.00	36.18 -1.11 0.00	44.72 -1.82 0.00	40.85 -1.32 0.00	37.42 -0.90 0.00	38.25 -1.41 0.00	33.84 -1.26 0.00	33.73 -1.21 0.00	32.50 -0.93 0.00	31.48 -0.12 0.00
NGRID_A4_DSASP 323807	28.28 -1.15 0.00	27.23 -0.91 0.00	29.44 -0.94 0.00	30.13 -0.81 0.00	29.07 -0.64 0.00	34.99 -0.81 0.00	39.89 -2.28 0.00	42.03 -2.62 0.00	40.35 -2.18 0.00	40.52 -1.66 0.00	31.22 -0.86 0.00	26.91 -1.13 0.00	33.44 -1.10 0.00	40.09 -0.90 0.00	39.04 -0.82 0.00	36.18 -1.11 0.00	44.72 -1.82 0.00	40.85 -1.32 0.00	37.42 -0.90 0.00	38.25 -1.41 0.00	33.84 -1.26 0.00	33.73 -1.21 0.00	32.50 -0.93 0.00	31.48 -0.12 0.00
NIAGARA_115E_LBMP 323715	28.19 -1.24 0.00	27.17 -0.96 0.00	29.35 -1.03 0.00	30.01 -0.93 0.00	28.97 -0.73 0.00	34.94 -0.86 0.00	39.81 -2.36 0.00	41.84 -2.81 0.00	40.09 -2.44 0.00	40.24 -1.94 0.00	30.97 -1.11 0.00	26.70 -1.34 0.00	33.28 -1.25 0.00	39.81 -1.18 0.00	38.72 -1.15 0.00	35.83 -1.45 0.00	44.56 -1.98 0.00	40.72 -1.45 0.00	37.36 -0.97 0.00	38.20 -1.45 0.00	33.78 -1.31 0.00	33.72 -1.22 0.00	32.29 -1.14 0.00	31.27 -0.33 0.00
NIAGARA_115W_LBMP 323714	28.25 -1.18 0.00	27.20 -0.94 0.00	29.40 -0.98 0.00	30.09 -0.85 0.00	29.03 -0.67 0.00	34.95 -0.85 0.00	39.84 -2.33 0.00	41.98 -2.67 0.00	40.29 -2.24 0.00	40.46 -1.71 0.00	31.19 -0.89 0.00	26.87 -1.17 0.00	33.41 -1.14 0.00	40.03 -0.96 0.00	38.97 -0.89 0.00	36.12 -1.16 0.00	44.63 -1.91 0.00	40.77 -1.41 0.00	37.35 -0.98 0.00	38.17 -1.48 0.00	33.78 -1.32 0.00	33.66 -1.28 0.00	32.44 -0.99 0.00	31.43 -0.17 0.00
NIAGARA_230_LBMP 323716	28.31 -1.12 0.00	27.26 -0.88 0.00	29.47 -0.91 0.00	30.16 -0.78 0.00	29.09 -0.61 0.00	35.04 -0.76 0.00	40.00 -2.17 0.00	42.16 -2.48 0.00	40.44 -2.09 0.00	40.59 -1.59 0.00	31.26 -0.82 0.00	26.96 -1.07 0.00	33.50 -1.04 0.00	40.12 -0.87 0.00	39.05 -0.81 0.00	36.19 -1.09 0.00	44.99 -1.55 0.00	41.10 -1.07 0.00	37.64 -0.69 0.00	38.49 -1.16 0.00	34.06 -1.04 0.00	33.95 -0.99 0.00	32.59 -0.85 0.00	31.48 -0.12 0.00
NIAGARA___115KV_198_GIBSON 55903	28.25 -1.18 0.00	27.20 -0.94 0.00	29.40 -0.98 0.00	30.09 -0.85 0.00	29.03 -0.67 0.00	34.95 -0.85 0.00	39.83 -2.34 0.00	41.98 -2.67 0.00	40.30 -2.24 0.00	40.46 -1.72 0.00	31.18 -0.89 0.00	26.87 -1.17 0.00	33.41 -1.13 0.00	40.06 -0.94 0.00	38.98 -0.88 0.00	36.12 -1.16 0.00	44.63 -1.91 0.00	40.76 -1.41 0.00	37.35 -0.98 0.00	38.17 -1.48 0.00	33.78 -1.32 0.00	33.66 -1.28 0.00	32.44 -0.99 0.00	31.42 -0.18 0.00
NIAGARA____ 23760	28.31 -1.12 0.00	27.26 -0.88 0.00	29.47 -0.91 0.00	30.16 -0.78 0.00	29.09 -0.61 0.00	35.04 -0.76 0.00	40.00 -2.17 0.00	42.16 -2.48 0.00	40.44 -2.09 0.00	40.59 -1.59 0.00	31.26 -0.82 0.00	26.96 -1.07 0.00	33.50 -1.04 0.00	40.12 -0.87 0.00	39.05 -0.81 0.00	36.19 -1.09 0.00	44.99 -1.55 0.00	41.10 -1.07 0.00	37.64 -0.69 0.00	38.49 -1.16 0.00	34.06 -1.04 0.00	33.95 -0.99 0.00	32.59 -0.85 0.00	31.48 -0.12 0.00
NINE_MILE_1 23575	28.67 -0.76 0.00	27.42 -0.72 0.00	29.59 -0.79 0.00	30.17 -0.77 0.00	28.99 -0.71 0.00	34.98 -0.82 0.00	41.13 -1.04 0.00	43.53 -1.12 0.00	41.39 -1.14 0.00	41.00 -1.18 0.00	31.21 -0.87 0.00	27.27 -0.76 0.00	33.61 -0.92 0.00	39.94 -1.05 0.00	38.86 -1.01 0.00	36.32 -0.96 0.00	45.37 -1.17 0.00	41.27 -0.90 0.00	37.56 -0.77 0.00	38.83 -0.82 0.00	34.35 -0.74 0.00	34.20 -0.74 0.00	32.71 -0.73 0.00	30.92 -0.68 0.00
NINE_MILE_2 23744	28.67 -0.76 0.00	27.42 -0.72 0.00	29.59 -0.79 0.00	30.17 -0.77 0.00	28.99 -0.71 0.00	34.98 -0.82 0.00	41.13 -1.04 0.00	43.53 -1.12 0.00	41.39 -1.14 0.00	41.00 -1.18 0.00	31.21 -0.87 0.00	27.27 -0.76 0.00	33.61 -0.92 0.00	39.95 -1.05 0.00	38.86 -1.01 0.00	36.32 -0.96 0.00	45.37 -1.17 0.00	41.27 -0.90 0.00	37.56 -0.77 0.00	38.83 -0.82 0.00	34.35 -0.74 0.00	34.20 -0.74 0.00	32.71 -0.73 0.00	30.92 -0.68 0.00
NM_CAPITAL___DRP 24208	29.73 0.31 0.00	28.44 0.30 0.00	30.66 0.29 0.00	31.10 0.16 0.00	29.91 0.21 0.00	36.03 0.23 0.00	42.43 0.26 0.00	44.94 0.29 0.00	42.80 0.27 0.00	42.37 0.19 0.00	32.05 0.11 0.14	28.12 0.13 0.04	34.21 0.04 0.36	40.27 -0.03 0.68	39.82 0.01 0.05	37.38 0.09 0.00	46.55 0.01 0.00	42.09 -0.09 0.00	38.10 -0.23 0.00	39.51 -0.14 0.00	35.05 -0.05 0.00	34.99 0.06 0.00	33.59 0.15 0.00	31.77 0.17 0.00
NM_CENTRAL___DRP 24181	36.25 -0.16 -6.98	28.02 -0.13 -0.02	32.23 -0.17 -2.02	30.79 -0.16 0.00	29.61 -0.10 0.00	35.75 -0.04 0.00	42.08 -0.13 -0.04	44.67 -0.15 -0.17	42.25 -0.28 0.00	41.84 -0.34 0.00	31.88 -0.20 0.00	27.86 -0.17 0.00	34.37 -0.17 0.00	40.89 -0.10 0.00	39.80 -0.06 0.00	37.15 -0.13 0.00	46.40 -0.13 0.00	42.30 0.13 0.00	43.44 0.20 -4.91	56.71 0.15 -16.91	36.94 0.08 -1.76	36.00 0.04 -1.02	33.46 0.03 0.00	31.63 0.02 0.00

NM_FRONTIER___DRP 24179	28.25 -1.18 0.00	27.20 -0.94 0.00	29.40 -0.98 0.00	30.09 -0.85 0.00	29.03 -0.67 0.00	34.95 -0.85 0.00	39.83 -2.34 0.00	41.98 -2.67 0.00	40.30 -2.24 0.00	40.46 -1.72 0.00	31.18 -0.89 0.00	26.87 -1.17 0.00	33.41 -1.13 0.00	40.06 -0.94 0.00	38.98 -0.88 0.00	36.12 -1.16 0.00	44.63 -1.91 0.00	40.76 -1.41 0.00	37.35 -0.98 0.00	38.17 -1.48 0.00	33.78 -1.32 0.00	33.66 -1.28 0.00	32.44 -0.99 0.00	31.42 -0.18 0.00
NM_ST_REGIS___HYD 24053	230.91 1.05 -200.43	29.56 0.84 -0.58	89.45 1.00 -58.07	31.92 0.97 0.00	30.58 0.87 0.00	36.83 1.03 0.00	44.86 1.53 -1.17	51.28 1.69 -4.94	43.81 1.28 0.00	43.16 0.98 0.00	32.72 0.64 0.00	28.52 0.48 0.00	35.11 0.57 0.00	41.80 0.81 0.00	40.55 0.69 0.00	37.97 0.69 0.00	47.47 0.93 0.00	43.06 0.88 -0.01	180.56 1.12 -141.12	526.59 1.25 -485.69	86.80 1.27 -50.43	65.29 1.15 -29.22	34.28 0.84 -0.01	32.38 0.78 0.00
NORTHPORT___1 23551	30.59 1.16 0.00	29.03 0.89 0.00	31.23 0.86 0.00	31.77 0.83 0.00	30.50 0.80 0.00	36.83 1.03 0.00	43.17 1.00 0.00	45.73 1.08 0.00	43.80 1.27 0.00	43.78 1.61 0.00	33.78 1.53 -0.17	29.65 1.57 -0.05	37.00 2.02 -0.44	44.08 2.27 -0.82	41.87 1.95 -0.07	38.66 1.38 0.00	47.63 1.09 0.00	43.03 0.85 0.00	39.05 0.72 0.00	40.56 0.91 0.00	35.77 0.67 0.00	35.94 1.00 0.00	34.66 1.23 0.00	32.60 1.00 0.00
NORTHPORT___2 23552	30.59 1.16 0.00	29.03 0.89 0.00	31.23 0.86 0.00	31.77 0.83 0.00	30.50 0.80 0.00	36.83 1.03 0.00	43.17 1.00 0.00	45.73 1.08 0.00	43.80 1.27 0.00	43.78 1.61 0.00	33.78 1.53 -0.17	29.65 1.57 -0.05	37.00 2.02 -0.44	44.08 2.27 -0.82	41.87 1.95 -0.07	38.66 1.38 0.00	47.63 1.09 0.00	43.03 0.85 0.00	39.05 0.72 0.00	40.56 0.91 0.00	35.77 0.67 0.00	35.94 1.00 0.00	34.66 1.23 0.00	32.60 1.00 0.00
NORTHPORT___3 23553	30.36 0.93 0.00	28.81 0.68 0.00	31.00 0.62 0.00	31.53 0.58 0.00	30.26 0.56 0.00	36.51 0.71 0.00	42.70 0.53 0.00	45.28 0.63 0.00	43.38 0.85 0.00	43.42 1.24 0.00	33.56 1.31 -0.17	29.44 1.36 -0.05	36.72 1.75 -0.44	43.72 1.91 -0.82	41.47 1.55 -0.07	38.19 0.91 0.00	47.00 0.46 0.00	42.47 0.30 0.00	38.54 0.21 0.00	40.03 0.38 0.00	35.32 0.22 0.00	35.62 0.68 0.00	34.40 0.97 0.00	32.38 0.78 0.00
NORTHPORT___4 23650	30.36 0.93 0.00	28.81 0.68 0.00	31.00 0.62 0.00	31.53 0.58 0.00	30.26 0.56 0.00	36.51 0.71 0.00	42.70 0.53 0.00	45.28 0.63 0.00	43.38 0.85 0.00	43.42 1.24 0.00	33.56 1.31 -0.17	29.44 1.36 -0.05	36.72 1.75 -0.44	43.72 1.91 -0.82	41.47 1.55 -0.07	38.19 0.91 0.00	47.00 0.46 0.00	42.47 0.30 0.00	38.54 0.21 0.00	40.03 0.38 0.00	35.32 0.22 0.00	35.62 0.68 0.00	34.40 0.97 0.00	32.38 0.78 0.00
NORTHPORT___IC 23718	30.59 1.16 0.00	29.03 0.89 0.00	31.23 0.85 0.00	31.77 0.83 0.00	30.50 0.80 0.00	36.83 1.03 0.00	43.17 1.00 0.00	45.71 1.06 0.00	43.80 1.27 0.00	43.79 1.61 0.00	33.78 1.53 -0.17	29.66 1.58 -0.05	37.00 2.02 -0.44	44.09 2.27 -0.82	41.87 1.95 -0.07	38.66 1.38 0.00	47.63 1.09 0.00	43.03 0.85 0.00	39.05 0.72 0.00	40.56 0.91 0.00	35.77 0.67 0.00	35.94 1.00 0.00	34.67 1.24 0.00	32.60 1.00 0.00
NORTH___COUNTRY_ESR 323785	64.98 1.04 -34.51	29.05 0.81 -0.10	41.28 0.90 -10.00	31.78 0.84 0.00	30.51 0.81 0.00	36.80 1.00 0.00	43.82 1.45 -0.20	47.00 1.51 -0.85	43.72 1.19 0.00	43.23 1.06 0.00	32.78 0.70 0.00	28.63 0.59 0.00	35.30 0.76 0.00	42.01 1.02 0.00	40.88 1.02 0.00	38.33 1.05 0.00	47.88 1.35 0.00	43.29 1.12 0.00	63.74 1.12 -24.29	124.47 1.20 -83.62	44.92 1.14 -8.68	40.82 0.85 -5.03	33.99 0.56 0.00	32.13 0.53 0.00
NPX_GEN_1385_PROXY 323591	30.59 1.16 0.00	29.03 0.89 0.00	31.23 0.86 0.00	31.77 0.83 0.00	30.50 0.80 0.00	36.83 1.03 0.00	43.17 1.00 0.00	45.73 1.08 0.00	43.80 1.27 0.00	43.78 1.61 0.00	33.78 1.53 -0.17	29.65 1.57 -0.05	37.00 2.02 -0.44	44.08 2.27 -0.82	41.87 1.95 -0.07	38.66 1.38 0.00	48.13 1.09 -0.50	43.03 0.85 0.00	39.05 0.72 0.00	40.56 0.91 0.00	35.77 0.67 0.00	35.94 1.00 0.00	34.66 1.23 0.00	32.60 1.00 0.00
NPX_GEN_CSC 323557	30.29 0.87 0.00	28.72 0.58 0.00	30.87 0.50 0.00	31.40 0.47 0.00	30.14 0.44 0.00	36.43 0.63 0.00	42.81 0.64 0.00	45.40 0.75 0.00	43.41 0.87 0.00	43.26 1.09 0.00	33.27 1.02 -0.17	10.70 1.14 18.48	35.06 1.55 1.02	38.09 1.75 4.65	31.70 1.42 9.59	38.31 1.03 0.01	47.83 0.79 -0.50	42.77 0.60 0.00	38.93 0.60 0.00	40.53 0.87 0.00	35.68 0.58 0.00	35.76 0.82 0.00	34.38 0.95 0.00	32.22 0.62 0.00
NSINS_S_GLNS_FALLS 23858	31.07 1.64 0.00	29.53 1.39 0.00	31.95 1.57 0.00	32.49 1.55 0.00	31.28 1.58 0.00	37.87 2.07 0.00	44.66 2.49 0.00	47.28 2.63 0.00	44.55 2.02 0.00	43.81 1.64 0.00	32.81 0.90 0.17	28.69 0.70 0.05	35.02 0.92 0.45	41.24 1.09 0.84	40.94 1.14 0.07	38.59 1.31 0.00	48.49 1.95 0.00	44.12 1.95 0.00	40.39 2.06 0.00	41.94 2.29 0.00	37.23 2.13 0.00	37.02 2.08 0.00	35.57 2.14 0.00	33.22 1.61 0.00
NUCOR_STEEL___DRP 24197	34.08 0.00 -4.65	28.18 0.03 -0.01	31.73 0.01 -1.35	30.99 0.05 0.00	29.81 0.10 0.00	36.01 0.22 0.00	42.33 0.13 -0.03	44.87 0.10 -0.11	42.41 -0.12 0.00	41.87 -0.30 0.00	31.88 -0.20 0.00	27.84 -0.20 0.00	34.34 -0.20 0.00	40.87 -0.13 0.00	39.81 -0.06 0.00	37.23 -0.05 0.00	46.56 0.02 0.00	42.62 0.45 0.00	42.20 0.60 -3.28	51.50 0.58 -11.26	36.75 0.48 -1.17	36.05 0.44 -0.68	33.79 0.35 0.00	31.95 0.34 0.00
NUMBER_THREE_WT_PWR 323818	98.81 1.28 -68.10	29.50 1.16 -0.20	51.35 1.25 -19.73	32.21 1.27 0.00	30.93 1.23 0.00	37.39 1.60 0.00	44.64 2.08 -0.39	48.59 2.26 -1.68	44.00 1.47 0.00	42.96 0.79 0.00	32.47 0.39 0.00	28.38 0.35 0.00	34.95 0.41 0.00	41.49 0.50 0.00	40.40 0.54 0.00	37.81 0.53 0.00	47.42 0.88 0.00	43.64 1.46 0.00	88.29 2.01 -47.95	207.00 2.33 -165.02	54.34 2.11 -17.13	46.86 1.99 -9.92	35.16 1.73 0.00	33.09 1.49 0.00
NYISO_LBMP_REFERENCE 24008	29.43 0.00 0.00	28.14 0.00 0.00	30.37 0.00 0.00	30.94 0.00 0.00	29.70 0.00 0.00	35.80 0.00 0.00	42.17 0.00 0.00	44.65 0.00 0.00	42.53 0.00 0.00	42.17 0.00 0.00	32.08 0.00 0.00	28.03 0.00 0.00	34.54 0.00 0.00	40.99 0.00 0.00	39.86 0.00 0.00	37.28 0.00 0.00	46.54 0.00 0.00	42.17 0.00 0.00	38.33 0.00 0.00	39.65 0.00 0.00	35.10 0.00 0.00	34.94 0.00 0.00	33.43 0.00 0.00	31.60 0.00 0.00
NYPA_BRENTWD____GT 24164	30.94 1.51 0.00	29.35 1.21 0.00	31.57 1.19 0.00	32.12 1.17 0.00	30.83 1.13 0.00	37.26 1.47 0.00	43.73 1.56 0.00	46.39 1.75 0.00	44.40 1.87 0.00	44.33 2.16 0.00	34.17 1.92 -0.17	29.89 1.81 -0.05	37.42 2.44 -0.44	44.60 2.78 -0.82	42.34 2.41 -0.07	39.24 1.95 0.00	48.47 1.93 0.00	43.79 1.62 0.00	39.73 1.40 0.00	41.22 1.57 0.00	36.33 1.24 0.00	36.43 1.50 0.00	35.06 1.63 0.00	32.91 1.31 0.00

NYPA_GOWANUS____GT5 24156	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.30 -0.82	42.16 2.23 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.04 1.87 0.00	39.87 1.54 0.00	41.31 1.66 0.00	37.08 1.55 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NYPA_GOWANUS____GT6 24157	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.25 2.08 0.00	34.10 1.84 -0.18	29.88 1.80 -0.05	37.16 2.18 -0.44	44.12 2.30 -0.82	42.16 2.23 -0.07	39.39 2.10 0.00	48.74 2.20 0.00	44.04 1.87 0.00	39.87 1.54 0.00	41.31 1.66 0.00	37.08 1.55 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00
NYPA_HARLEM__RVR__GT1 24160	30.58 1.16 0.00	29.03 0.89 0.00	31.34 0.97 0.00	31.89 0.94 0.00	30.63 0.93 0.00	37.02 1.23 0.00	43.49 1.32 0.00	45.90 1.25 0.00	43.98 1.45 0.00	43.78 1.61 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.69 1.88 -0.82	41.70 1.78 -0.06	38.93 1.65 0.00	48.19 1.65 0.00	43.50 1.34 0.00	39.46 1.13 0.00	40.93 1.28 0.00	36.29 1.20 0.00	36.17 1.23 0.00	34.72 1.29 0.00	32.66 1.06 0.00
NYPA_HARLEM__RVR__GT2 24161	30.58 1.16 0.00	29.03 0.89 0.00	31.34 0.97 0.00	31.89 0.94 0.00	30.63 0.93 0.00	37.02 1.23 0.00	43.49 1.32 0.00	45.90 1.25 0.00	43.98 1.45 0.00	43.78 1.61 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.69 1.88 -0.82	41.70 1.78 -0.06	38.93 1.65 0.00	48.19 1.65 0.00	43.50 1.34 0.00	39.46 1.13 0.00	40.93 1.28 0.00	36.29 1.20 0.00	36.17 1.23 0.00	34.72 1.29 0.00	32.66 1.06 0.00
NYPA_KENT____GT 24152	30.74 1.31 0.00	29.23 1.09 0.00	31.51 1.14 0.00	32.05 1.11 0.00	30.78 1.08 0.00	37.17 1.38 0.00	43.71 1.54 0.00	46.22 1.57 0.00	44.31 1.77 0.00	44.18 2.00 0.00	34.02 1.77 -0.17	29.82 1.73 -0.05	37.11 2.12 -0.44	44.07 2.25 -0.82	42.10 2.17 -0.07	39.31 2.03 0.00	48.66 2.12 0.00	43.97 1.79 0.00	39.79 1.47 0.00	41.24 1.59 0.00	36.82 1.46 -0.26	36.45 1.51 0.00	34.97 1.54 0.00	32.88 1.28 0.00
NYPA_POUCH1____GT 24155	30.82 1.39 0.00	29.30 1.16 0.00	31.61 1.23 0.00	32.17 1.22 0.00	30.89 1.18 0.00	37.27 1.48 0.00	43.75 1.58 0.00	46.20 1.55 0.00	44.31 1.78 0.00	44.19 2.01 0.00	34.08 1.82 -0.18	29.87 1.79 -0.05	37.14 2.16 -0.44	44.10 2.29 -0.82	42.17 2.25 -0.07	39.41 2.12 0.00	48.72 2.18 0.00	44.07 1.89 0.00	39.91 1.59 0.00	41.35 1.70 0.00	37.13 1.60 -0.43	36.56 1.62 0.00	35.08 1.65 0.00	32.99 1.39 0.00
NYPA_VERNON____GT2 24162	30.70 1.27 0.00	29.19 1.05 0.00	31.46 1.09 0.00	32.00 1.06 0.00	30.73 1.03 0.00	37.11 1.31 0.00	43.67 1.50 0.00	46.17 1.53 0.00	44.25 1.72 0.00	44.11 1.93 0.00	33.95 1.70 -0.17	29.76 1.68 -0.05	37.04 2.06 -0.44	44.00 2.19 -0.82	42.03 2.10 -0.07	39.23 1.95 0.00	48.57 2.04 0.00	43.87 1.70 0.00	39.71 1.39 0.00	41.17 1.52 0.00	36.57 1.38 -0.09	36.35 1.41 0.00	34.88 1.45 0.00	32.80 1.20 0.00
NYPA_VERNON____GT3 24163	30.70 1.27 0.00	29.19 1.05 0.00	31.46 1.09 0.00	32.00 1.06 0.00	30.73 1.03 0.00	37.11 1.31 0.00	43.67 1.50 0.00	46.17 1.53 0.00	44.25 1.72 0.00	44.11 1.93 0.00	33.95 1.70 -0.17	29.76 1.68 -0.05	37.04 2.06 -0.44	44.00 2.19 -0.82	42.03 2.10 -0.07	39.23 1.95 0.00	48.57 2.04 0.00	43.87 1.70 0.00	39.71 1.39 0.00	41.17 1.52 0.00	36.57 1.38 -0.09	36.35 1.41 0.00	34.88 1.45 0.00	32.80 1.20 0.00
NYPA____ASTORIA_CC1 323568	30.64 1.21 0.00	29.12 0.98 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.67 0.97 0.00	37.03 1.24 0.00	43.56 1.39 0.00	46.07 1.42 0.00	44.15 1.61 0.00	43.99 1.82 0.00	33.86 1.61 -0.17	29.69 1.61 -0.05	36.94 1.96 -0.44	43.90 2.08 -0.82	41.92 2.00 -0.07	39.13 1.85 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.62 1.30 0.00	41.07 1.41 0.00	36.39 1.29 0.00	36.27 1.34 0.00	34.81 1.38 0.00	32.73 1.13 0.00
NYPA____ASTORIA_CC2 323569	30.64 1.21 0.00	29.12 0.98 0.00	31.40 1.02 0.00	31.95 1.00 0.00	30.67 0.97 0.00	37.03 1.24 0.00	43.56 1.39 0.00	46.07 1.42 0.00	44.15 1.61 0.00	43.99 1.82 0.00	33.86 1.61 -0.17	29.69 1.61 -0.05	36.94 1.96 -0.44	43.90 2.08 -0.82	41.92 2.00 -0.07	39.13 1.85 0.00	48.45 1.91 0.00	43.75 1.58 0.00	39.62 1.30 0.00	41.07 1.41 0.00	36.39 1.29 0.00	36.27 1.34 0.00	34.81 1.38 0.00	32.73 1.13 0.00
NYPA____HOLTSVILL 23794	30.51 1.08 0.00	28.93 0.79 0.00	31.10 0.73 0.00	31.64 0.70 0.00	30.36 0.66 0.00	36.70 0.90 0.00	43.10 0.93 0.00	45.71 1.06 0.00	43.73 1.20 0.00	43.62 1.45 0.00	33.57 1.32 -0.17	29.49 1.40 -0.05	36.84 1.86 -0.44	43.92 2.11 -0.82	41.71 1.79 -0.07	38.62 1.34 0.00	47.69 1.15 0.00	43.11 0.93 0.00	39.22 0.89 0.00	40.79 1.14 0.00	35.95 0.85 0.00	36.05 1.11 0.00	34.67 1.24 0.00	32.53 0.93 0.00
NYPA____HELLGATE_GT1 24158	30.58 1.16 0.00	29.03 0.89 0.00	31.34 0.97 0.00	31.89 0.94 0.00	30.63 0.93 0.00	37.02 1.23 0.00	43.49 1.32 0.00	45.90 1.25 0.00	43.98 1.45 0.00	43.78 1.61 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.69 1.88 -0.82	41.70 1.78 -0.06	38.93 1.65 0.00	48.19 1.65 0.00	43.50 1.34 0.00	39.46 1.13 0.00	40.93 1.28 0.00	36.29 1.20 0.00	36.17 1.23 0.00	34.72 1.29 0.00	32.66 1.06 0.00
NYPA____HELLGATE_GT2 24159	30.58 1.16 0.00	29.03 0.89 0.00	31.34 0.97 0.00	31.89 0.94 0.00	30.63 0.93 0.00	37.02 1.23 0.00	43.49 1.32 0.00	45.90 1.25 0.00	43.98 1.45 0.00	43.78 1.61 0.00	33.71 1.46 -0.17	29.56 1.48 -0.05	36.74 1.76 -0.44	43.69 1.88 -0.82	41.70 1.78 -0.06	38.93 1.65 0.00	48.19 1.65 0.00	43.50 1.34 0.00	39.46 1.13 0.00	40.93 1.28 0.00	36.29 1.20 0.00	36.17 1.23 0.00	34.72 1.29 0.00	32.66 1.06 0.00
NYS_BARGE____HYD 23848	28.54 -0.89 0.00	27.49 -0.65 0.00	29.68 -0.70 0.00	30.36 -0.58 0.00	29.31 -0.40 0.00	35.36 -0.44 0.00	40.39 -1.78 0.00	42.54 -2.11 0.00	40.73 -1.80 0.00	40.80 -1.38 0.00	31.39 -0.69 0.00	27.09 -0.94 0.00	33.88 -0.65 0.00	40.40 -0.59 0.00	39.30 -0.57 0.00	36.44 -0.85 0.00	45.29 -1.25 0.00	41.44 -0.74 0.00	38.03 -0.30 0.00	38.92 -0.73 0.00	34.41 -0.69 0.00	34.30 -0.64 0.00	32.85 -0.58 0.00	31.73 0.13 0.00
OAK ORCHARD____HYD 24046	29.16 -0.27 0.00	27.96 -0.17 0.00	30.18 -0.20 0.00	30.83 -0.11 0.00	29.70 0.00 0.00	35.93 0.13 0.00	41.85 -0.32 0.00	44.27 -0.38 0.00	42.16 -0.37 0.00	41.94 -0.24 0.00	32.09 0.01 0.00	27.91 -0.12 0.00	34.44 -0.10 0.00	41.26 0.27 0.00	40.21 0.35 0.00	37.47 0.18 0.00	46.81 0.28 0.00	42.81 0.64 0.00	39.17 0.84 0.00	40.31 0.65 0.00	35.57 0.47 0.00	35.32 0.38 0.00	33.74 0.31 0.00	32.08 0.48 0.00

OAKDALE___35_KV_LOAD 356122	29.29 -0.14 0.00	28.08 -0.06 0.00	30.28 -0.09 0.00	30.89 -0.05 0.00	29.70 -0.01 0.00	35.87 0.07 0.00	42.08 -0.09 0.00	44.60 -0.05 0.00	42.37 -0.16 0.00	41.99 -0.18 0.00	32.03 -0.05 0.00	28.00 -0.03 0.00	34.59 0.05 0.00	41.08 0.10 0.00	39.98 0.12 0.00	37.32 0.04 0.00	46.69 0.15 0.00	42.54 0.37 0.00	38.66 0.34 0.00	39.93 0.27 0.00	35.35 0.25 0.00	35.20 0.27 0.00	33.63 0.20 0.00	31.83 0.23 0.00
OCC_CHEM___DRP 24175	28.28 -1.15 0.00	27.23 -0.91 0.00	29.44 -0.94 0.00	30.13 -0.81 0.00	29.06 -0.64 0.00	34.99 -0.81 0.00	39.89 -2.28 0.00	42.03 -2.62 0.00	40.35 -2.18 0.00	40.51 -1.66 0.00	31.22 -0.86 0.00	26.91 -1.13 0.00	33.45 -1.09 0.00	40.11 -0.88 0.00	39.04 -0.82 0.00	36.17 -1.11 0.00	44.72 -1.82 0.00	40.85 -1.33 0.00	37.42 -0.90 0.00	38.25 -1.40 0.00	33.84 -1.26 0.00	33.73 -1.21 0.00	32.50 -0.93 0.00	31.48 -0.12 0.00
OH_GEN_PROXY 24063	28.31 -1.12 0.00	27.25 -0.88 0.00	29.46 -0.92 0.00	30.16 -0.79 0.00	29.08 -0.62 0.00	35.03 -0.77 0.00	40.05 -2.11 0.00	42.25 -2.40 0.00	40.51 -2.03 0.00	40.66 -1.52 0.00	31.30 -0.77 0.00	27.01 -1.03 0.00	33.55 -0.99 0.00	40.19 -0.81 0.00	39.11 -0.75 0.00	36.27 -1.02 0.00	45.61 -1.43 -0.50	41.22 -0.95 0.00	37.74 -0.59 0.00	38.60 -1.05 0.00	34.14 -0.96 0.00	34.01 -0.93 0.00	32.63 -0.80 0.00	31.47 -0.13 0.00
OLIN_CORP_DRP 24177	28.24 -1.20 0.00	27.21 -0.93 0.00	29.39 -0.99 0.00	30.06 -0.88 0.00	29.01 -0.69 0.00	34.98 -0.82 0.00	39.86 -2.31 0.00	41.93 -2.72 0.00	40.17 -2.36 0.00	40.30 -1.87 0.00	31.03 -1.05 0.00	26.75 -1.28 0.00	33.35 -1.19 0.00	39.90 -1.09 0.00	38.79 -1.07 0.00	35.92 -1.37 0.00	44.66 -1.88 0.00	40.83 -1.34 0.00	37.44 -0.89 0.00	38.29 -1.36 0.00	33.86 -1.24 0.00	33.78 -1.16 0.00	32.36 -1.07 0.00	31.32 -0.28 0.00
OLIN_CORP_DSASP 323712	28.28 -1.15 0.00	27.23 -0.91 0.00	29.44 -0.94 0.00	30.13 -0.81 0.00	29.07 -0.64 0.00	34.99 -0.81 0.00	39.89 -2.28 0.00	42.03 -2.62 0.00	40.35 -2.18 0.00	40.52 -1.66 0.00	31.22 -0.86 0.00	26.91 -1.13 0.00	33.44 -1.10 0.00	40.09 -0.90 0.00	39.04 -0.82 0.00	36.18 -1.11 0.00	44.72 -1.82 0.00	40.85 -1.32 0.00	37.42 -0.90 0.00	38.25 -1.41 0.00	33.84 -1.26 0.00	33.73 -1.21 0.00	32.50 -0.93 0.00	31.48 -0.12 0.00
ONEIDA_HERK_LFGE 323681	62.10 0.97 -31.70	29.11 0.88 -0.09	40.49 0.93 -9.18	31.90 0.96 0.00	30.65 0.95 0.00	37.02 1.22 0.00	43.93 1.57 -0.18	47.12 1.69 -0.78	43.71 1.18 0.00	42.96 0.78 0.00	32.55 0.47 0.00	28.47 0.44 0.00	35.06 0.52 0.00	41.62 0.63 0.00	40.56 0.69 0.00	37.96 0.67 0.00	47.56 1.02 0.00	43.57 1.40 0.00	62.30 1.65 -22.32	118.26 1.79 -76.82	44.66 1.58 -7.98	41.05 1.49 -4.62	34.75 1.31 0.00	32.72 1.12 0.00
ONEIDA___115KV_TB4 55905	44.65 0.90 -14.32	29.03 0.84 -0.04	35.41 0.88 -4.15	31.87 0.92 0.00	30.62 0.92 0.00	37.00 1.20 0.00	43.77 1.52 -0.08	46.62 1.62 -0.35	43.70 1.17 0.00	43.00 0.83 0.00	32.64 0.56 0.00	28.57 0.54 0.00	35.18 0.64 0.00	41.80 0.81 0.00	40.72 0.86 0.00	38.12 0.84 0.00	47.82 1.28 0.00	43.81 1.63 0.00	50.15 1.74 -10.08	76.16 1.80 -34.71	40.26 1.56 -3.60	38.47 1.45 -2.09	34.71 1.27 0.00	32.66 1.06 0.00
ONONDAGA_REF_OCCRA 23987	35.51 -0.03 -6.12	28.13 -0.03 -0.02	32.10 -0.05 -1.77	30.90 -0.04 0.00	29.72 0.02 0.00	35.90 0.10 0.00	42.25 0.04 -0.04	44.82 0.02 -0.15	42.37 -0.16 0.00	41.93 -0.25 0.00	31.92 -0.16 0.00	27.90 -0.13 0.00	34.42 -0.12 0.00	40.94 -0.05 0.00	39.87 0.01 0.00	37.24 -0.05 0.00	46.53 -0.01 0.00	42.48 0.31 0.00	43.04 0.40 -4.31	54.86 0.39 -14.82	36.93 0.29 -1.54	36.08 0.25 -0.89	33.64 0.21 0.00	31.78 0.18 0.00
ONONDAGA___COGEN 23986	34.97 -0.09 -5.63	28.08 -0.07 -0.02	31.90 -0.10 -1.63	30.86 -0.07 0.00	29.68 -0.02 0.00	35.83 0.03 0.00	42.11 -0.09 -0.03	44.68 -0.10 -0.13	42.13 -0.40 0.00	41.64 -0.53 0.00	31.72 -0.36 0.00	27.72 -0.32 0.00	34.20 -0.34 0.00	40.67 -0.32 0.00	39.60 -0.26 0.00	37.02 -0.27 0.00	46.30 -0.24 0.00	42.38 0.21 0.00	42.65 0.36 -3.96	53.62 0.33 -13.64	36.77 0.26 -1.42	35.97 0.21 -0.82	33.60 0.17 0.00	31.76 0.16 0.00
ONTARIO___LFGE 23819	29.53 0.10 0.00	28.34 0.20 0.00	30.57 0.20 0.00	31.25 0.31 0.00	30.08 0.37 0.00	36.43 0.63 0.00	42.58 0.41 0.00	45.04 0.40 0.00	42.63 0.09 0.00	41.93 -0.25 0.00	32.02 -0.06 0.00	27.91 -0.13 0.00	34.51 -0.03 0.00	41.11 0.12 0.00	40.10 0.24 0.00	37.45 0.16 0.00	46.75 0.21 0.00	43.11 0.94 0.00	39.54 1.22 0.00	40.82 1.17 0.00	36.24 1.14 0.00	36.12 1.18 0.00	34.39 0.96 0.00	32.58 0.98 0.00
ORANGEVILLE_WT_PWR 323706	28.56 -0.87 0.00	27.51 -0.63 0.00	29.71 -0.67 0.00	30.44 -0.50 0.00	29.37 -0.33 0.00	35.49 -0.31 0.00	41.01 -1.16 0.00	43.36 -1.29 0.00	41.19 -1.35 0.00	40.90 -1.28 0.00	31.42 -0.66 0.00	27.22 -0.81 0.00	33.81 -0.73 0.00	40.42 -0.58 0.00	39.36 -0.51 0.00	36.54 -0.74 0.00	45.62 -0.92 0.00	41.83 -0.35 0.00	38.33 0.00 0.00	39.38 -0.27 0.00	34.83 -0.27 0.00	34.69 -0.25 0.00	33.14 -0.29 0.00	31.82 0.22 0.00
ORANGEVILLE___ESR 323794	28.56 -0.87 0.00	27.51 -0.63 0.00	29.71 -0.67 0.00	30.44 -0.50 0.00	29.37 -0.33 0.00	35.49 -0.31 0.00	41.01 -1.16 0.00	43.36 -1.29 0.00	41.19 -1.35 0.00	40.90 -1.28 0.00	31.42 -0.66 0.00	27.22 -0.81 0.00	33.81 -0.73 0.00	40.42 -0.58 0.00	39.36 -0.51 0.00	36.54 -0.74 0.00	45.62 -0.92 0.00	41.83 -0.35 0.00	38.33 0.00 0.00	39.38 -0.27 0.00	34.83 -0.27 0.00	34.69 -0.25 0.00	33.14 -0.29 0.00	31.82 0.22 0.00
OSWEGATCHIE___HYD 24044	186.95 1.11 -156.41	29.53 0.94 -0.45	76.76 1.07 -45.32	32.01 1.07 0.00	30.70 0.99 0.00	37.05 1.25 0.00	44.80 1.72 -0.91	50.40 1.90 -3.86	43.80 1.27 0.00	42.92 0.74 0.00	32.47 0.39 0.00	28.34 0.31 0.00	34.89 0.35 0.00	41.48 0.49 0.00	40.29 0.43 0.00	37.70 0.42 0.00	47.22 0.68 0.00	43.18 1.00 -0.01	149.95 1.50 -110.13	420.43 1.75 -379.03	76.09 1.64 -39.36	59.30 1.56 -22.80	34.72 1.28 0.00	32.73 1.12 0.00
OSWEGO___5 23606	28.87 -0.56 0.00	27.62 -0.52 0.00	29.80 -0.57 0.00	30.38 -0.56 0.00	29.20 -0.51 0.00	35.24 -0.56 0.00	41.42 -0.75 0.00	43.84 -0.81 0.00	41.68 -0.85 0.00	41.28 -0.89 0.00	31.43 -0.65 0.00	27.46 -0.57 0.00	33.85 -0.68 0.00	40.22 -0.77 0.00	39.13 -0.73 0.00	36.57 -0.71 0.00	45.69 -0.85 0.00	41.57 -0.61 0.00	37.86 -0.47 0.00	39.13 -0.52 0.00	34.63 -0.47 0.00	34.45 -0.48 0.00	32.96 -0.47 0.00	31.17 -0.43 0.00
OSWEGO___6 23613	28.87 -0.56 0.00	27.62 -0.52 0.00	29.80 -0.57 0.00	30.38 -0.56 0.00	29.20 -0.51 0.00	35.24 -0.56 0.00	41.42 -0.75 0.00	43.84 -0.81 0.00	41.68 -0.85 0.00	41.28 -0.89 0.00	31.43 -0.65 0.00	27.46 -0.57 0.00	33.85 -0.68 0.00	40.22 -0.77 0.00	39.13 -0.73 0.00	36.57 -0.71 0.00	45.69 -0.85 0.00	41.57 -0.61 0.00	37.86 -0.47 0.00	39.13 -0.52 0.00	34.63 -0.47 0.00	34.45 -0.48 0.00	32.96 -0.47 0.00	31.17 -0.43 0.00

OUTOKUMPU-AB___DRP 24206	28.74 -0.69 0.00	27.66 -0.48 0.00	29.86 -0.51 0.00	30.55 -0.39 0.00	29.49 -0.21 0.00	35.55 -0.25 0.00	40.64 -1.53 0.00	42.89 -1.76 0.00	41.11 -1.42 0.00	41.20 -0.97 0.00	31.75 -0.33 0.00	27.41 -0.62 0.00	34.16 -0.38 0.00	40.89 -0.10 0.00	39.80 -0.06 0.00	36.94 -0.35 0.00	45.82 -0.72 0.00	41.93 -0.24 0.00	38.40 0.07 0.00	39.27 -0.39 0.00	34.72 -0.38 0.00	34.55 -0.39 0.00	33.16 -0.27 0.00	32.01 0.41 0.00
OXBOW___BTM 323836	28.50 -0.93 0.00	27.43 -0.71 0.00	29.63 -0.74 0.00	30.32 -0.62 0.00	29.26 -0.44 0.00	35.25 -0.55 0.00	40.26 -1.92 0.00	42.43 -2.22 0.00	40.71 -1.82 0.00	40.85 -1.33 0.00	31.47 -0.61 0.00	27.16 -0.87 0.00	33.80 -0.74 0.00	40.49 -0.50 0.00	39.43 -0.43 0.00	36.57 -0.71 0.00	45.32 -1.22 0.00	41.43 -0.75 0.00	37.94 -0.39 0.00	38.77 -0.88 0.00	34.30 -0.80 0.00	34.15 -0.79 0.00	32.83 -0.60 0.00	31.74 0.13 0.00
OXBOW___ 24026	28.50 -0.93 0.00	27.42 -0.72 0.00	29.63 -0.74 0.00	30.32 -0.62 0.00	29.26 -0.45 0.00	35.24 -0.55 0.00	40.25 -1.91 0.00	42.43 -2.22 0.00	40.72 -1.82 0.00	40.84 -1.34 0.00	31.48 -0.60 0.00	27.16 -0.88 0.00	33.81 -0.73 0.00	40.51 -0.48 0.00	39.44 -0.42 0.00	36.58 -0.71 0.00	45.31 -1.23 0.00	41.43 -0.74 0.00	37.94 -0.39 0.00	38.77 -0.88 0.00	34.30 -0.80 0.00	34.15 -0.79 0.00	32.83 -0.60 0.00	31.74 0.13 0.00
OXY_CHEM_DSASP 323612	28.28 -1.15 0.00	27.23 -0.91 0.00	29.44 -0.94 0.00	30.13 -0.81 0.00	29.06 -0.64 0.00	34.99 -0.81 0.00	39.89 -2.28 0.00	42.03 -2.62 0.00	40.35 -2.18 0.00	40.51 -1.66 0.00	31.22 -0.86 0.00	26.91 -1.13 0.00	33.45 -1.09 0.00	40.11 -0.88 0.00	39.04 -0.82 0.00	36.17 -1.11 0.00	44.72 -1.82 0.00	40.85 -1.33 0.00	37.42 -0.90 0.00	38.25 -1.40 0.00	33.84 -1.26 0.00	33.73 -1.21 0.00	32.50 -0.93 0.00	31.48 -0.12 0.00
OZONE_PARK_ESR 323760	30.91 1.48 0.00	29.41 1.28 0.00	31.67 1.30 0.00	32.21 1.27 0.00	30.92 1.22 0.00	37.39 1.59 0.00	44.01 1.84 0.00	46.57 1.93 0.00	44.56 2.03 0.00	44.43 2.25 0.00	34.17 1.92 -0.17	29.95 1.87 -0.05	37.27 2.29 -0.44	44.29 2.47 -0.82	42.33 2.40 -0.07	39.51 2.23 0.00	48.99 2.45 0.00	44.24 2.07 0.00	40.02 1.70 0.00	41.49 1.84 0.00	36.73 1.63 0.00	36.60 1.66 0.00	35.12 1.68 0.00	33.01 1.41 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.28 -1.15 0.00	27.23 -0.91 0.00	29.44 -0.94 0.00	30.13 -0.81 0.00	29.06 -0.64 0.00	34.99 -0.81 0.00	39.89 -2.28 0.00	42.03 -2.62 0.00	40.35 -2.18 0.00	40.51 -1.66 0.00	31.22 -0.86 0.00	26.91 -1.13 0.00	33.45 -1.09 0.00	40.11 -0.88 0.00	39.04 -0.82 0.00	36.17 -1.11 0.00	44.72 -1.82 0.00	40.85 -1.33 0.00	37.42 -0.90 0.00	38.25 -1.40 0.00	33.84 -1.26 0.00	33.73 -1.21 0.00	32.50 -0.93 0.00	31.48 -0.12 0.00
PACKARD___115KV_DUPONT_184 80571	28.28 -1.15 0.00	27.23 -0.91 0.00	29.44 -0.94 0.00	30.13 -0.81 0.00	29.06 -0.64 0.00	34.99 -0.81 0.00	39.89 -2.28 0.00	42.03 -2.62 0.00	40.35 -2.18 0.00	40.51 -1.66 0.00	31.22 -0.86 0.00	26.91 -1.13 0.00	33.45 -1.09 0.00	40.11 -0.88 0.00	39.04 -0.82 0.00	36.17 -1.11 0.00	44.72 -1.82 0.00	40.85 -1.33 0.00	37.42 -0.90 0.00	38.25 -1.40 0.00	33.84 -1.26 0.00	33.73 -1.21 0.00	32.50 -0.93 0.00	31.48 -0.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	30.62 1.19 0.00	29.07 0.93 0.00	31.40 1.02 0.00	31.94 1.00 0.00	30.67 0.97 0.00	37.00 1.20 0.00	43.50 1.33 0.00	45.95 1.30 0.00	44.02 1.48 0.00	43.82 1.65 0.00	33.72 1.47 -0.17	29.57 1.48 -0.05	36.78 1.80 -0.44	43.72 1.91 -0.82	41.74 1.81 -0.07	38.97 1.68 0.00	48.24 1.70 0.00	43.57 1.40 0.00	39.51 1.19 0.00	40.97 1.32 0.00	36.31 1.21 0.00	36.21 1.27 0.00	34.76 1.33 0.00	32.69 1.09 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.37 1.93 0.00	29.77 1.63 0.00	32.16 1.78 0.00	32.74 1.79 0.00	31.44 1.74 0.00	38.08 2.29 0.00	44.76 2.59 0.00	47.44 2.79 0.00	45.16 2.87 0.00	45.16 2.99 0.00	34.72 2.47 -0.17	30.43 2.35 -0.05	37.87 2.89 -0.44	45.01 3.19 -0.82	42.96 3.03 -0.07	40.09 2.81 0.00	49.64 3.10 0.00	44.81 2.64 0.00	40.67 2.34 0.00	42.00 2.35 0.00	37.21 2.11 0.00	37.08 2.14 0.00	35.57 2.14 0.00	33.46 1.86 0.00
PATROON___115KV_TB1 80586	29.76 0.33 0.00	28.48 0.34 0.00	30.69 0.31 0.00	31.14 0.20 0.00	29.97 0.27 0.00	36.09 0.30 0.00	42.53 0.36 0.00	45.04 0.39 0.00	42.90 0.37 0.00	42.44 0.27 0.00	32.14 0.19 0.13	28.18 0.18 0.04	34.32 0.11 0.33	40.42 0.06 0.63	39.92 0.11 0.05	37.47 0.19 0.00	46.71 0.17 0.00	42.24 0.07 0.00	38.25 -0.07 0.00	39.67 0.01 0.00	35.15 0.05 0.00	35.09 0.15 0.00	33.66 0.22 0.00	31.81 0.21 0.00
PATTRSNVILLE___SOLAR 323815	30.21 0.78 0.00	28.87 0.73 0.00	31.16 0.78 0.00	31.75 0.82 0.00	30.51 0.80 0.00	36.80 1.00 0.00	43.38 1.21 0.00	45.84 1.19 0.00	43.37 0.84 0.00	42.86 0.68 0.00	32.21 0.23 0.10	28.18 0.18 0.03	34.54 0.27 0.27	40.67 0.20 0.52	40.02 0.19 0.04	37.50 0.22 0.00	47.13 0.59 0.00	43.02 0.85 0.00	39.25 0.93 0.00	40.74 1.09 0.00	36.10 1.00 0.00	35.91 0.97 0.00	34.39 0.96 0.00	32.44 0.84 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.66 -0.76 0.00	27.56 -0.58 0.00	29.76 -0.62 0.00	30.46 -0.48 0.00	29.38 -0.33 0.00	35.47 -0.33 0.00	40.76 -1.41 0.00	43.11 -1.53 0.00	41.26 -1.28 0.00	41.31 -0.87 0.00	31.81 -0.27 0.00	27.54 -0.50 0.00	34.24 -0.30 0.00	41.00 0.01 0.00	39.89 0.03 0.00	37.02 -0.26 0.00	46.19 -0.35 0.00	42.24 0.07 0.00	38.60 0.28 0.00	39.50 -0.16 0.00	34.90 -0.20 0.00	34.74 -0.20 0.00	33.25 -0.18 0.00	31.92 0.32 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.63 1.20 0.00	29.18 1.05 0.00	31.45 1.08 0.00	31.99 1.05 0.00	30.73 1.02 0.00	37.13 1.34 0.00	43.77 1.60 0.00	46.36 1.71 0.00	44.29 1.76 0.00	44.06 1.89 0.00	33.75 1.53 -0.14	29.58 1.51 -0.04	36.80 1.89 -0.37	43.71 2.02 -0.70	41.88 1.96 -0.06	39.12 1.84 0.00	48.66 2.12 0.00	44.00 1.83 0.00	39.87 1.54 0.00	41.32 1.67 0.00	36.52 1.43 0.00	36.38 1.45 0.00	34.88 1.44 0.00	32.81 1.21 0.00
PEEKSKILL___ 23653	30.48 1.05 0.00	29.04 0.90 0.00	31.29 0.92 0.00	31.83 0.89 0.00	30.57 0.87 0.00	36.94 1.15 0.00	43.50 1.33 0.00	46.03 1.38 0.00	43.99 1.46 0.00	43.81 1.64 0.00	33.64 1.39 -0.17	29.48 1.40 -0.05	36.71 1.74 -0.44	43.63 1.82 -0.82	41.67 1.75 -0.07	38.89 1.60 0.00	48.28 1.74 0.00	43.62 1.44 0.00	39.49 1.16 0.00	40.94 1.29 0.00	36.21 1.11 0.00	36.10 1.16 0.00	34.63 1.20 0.00	32.60 0.99 0.00
PGE MADISON___WINDPWR 24146	31.02 1.59 0.00	29.71 1.57 0.00	32.02 1.65 0.00	32.60 1.66 0.00	31.36 1.66 0.00	38.05 2.26 0.00	44.79 2.62 0.00	46.25 1.60 0.00	43.60 1.06 0.00	42.90 0.73 0.00	32.96 0.88 0.00	28.74 0.70 0.00	35.53 0.99 0.00	42.23 1.24 0.00	41.25 1.39 0.00	38.92 1.64 0.00	48.95 2.41 0.00	45.11 2.94 0.00	41.53 3.20 0.00	43.03 3.38 0.00	37.97 2.88 0.00	37.53 2.59 0.00	35.66 2.23 0.00	33.59 1.98 0.00

PIERCEFIELD___HYD 23852	261.00 0.90 -230.67	29.52 0.71 -0.67	98.09 0.88 -66.83	31.81 0.86 0.00	30.46 0.75 0.00	36.66 0.87 0.00	44.83 1.32 -1.34	51.81 1.48 -5.69	43.63 1.10 0.00	42.97 0.80 0.00	32.59 0.51 0.00	28.40 0.36 0.00	34.94 0.40 0.00	41.60 0.61 0.00	40.34 0.48 0.00	37.74 0.46 0.00	47.17 0.63 0.00	42.81 0.63 -0.01	201.66 0.92 -162.41	599.66 1.04 -558.97	94.20 1.07 -58.04	69.58 1.02 -33.62	34.19 0.75 -0.01	32.29 0.69 0.00
PINELAWN_CC_1 323563	30.73 1.30 0.00	29.16 1.02 0.00	31.38 1.00 0.00	31.91 0.97 0.00	30.64 0.93 0.00	37.00 1.21 0.00	43.45 1.28 0.00	46.12 1.47 0.00	44.11 1.57 0.00	44.03 1.86 0.00	33.94 1.69 -0.17	29.71 1.63 -0.05	37.11 2.13 -0.44	44.22 2.41 -0.82	42.00 2.08 -0.07	38.93 1.65 0.00	48.11 1.57 0.00	43.45 1.28 0.00	39.49 1.16 0.00	41.00 1.35 0.00	36.14 1.04 0.00	36.24 1.31 0.00	34.88 1.45 0.00	32.75 1.15 0.00
PJM_GEN_HTP_PROXY 323702	30.59 1.17 0.00	29.12 0.98 0.00	31.37 0.99 0.00	31.92 0.97 0.00	30.64 0.94 0.00	37.03 1.23 0.00	43.58 1.41 0.00	46.10 1.45 0.00	44.11 1.59 0.01	43.98 1.80 0.00	33.82 1.57 -0.17	29.64 1.56 -0.05	36.92 1.94 -0.44	43.84 2.03 -0.82	41.90 1.97 -0.07	39.10 1.82 0.00	48.48 1.94 0.00	43.78 1.60 0.00	39.60 1.27 0.00	41.05 1.40 0.00	36.34 1.24 0.00	36.21 1.27 0.00	34.75 1.32 0.00	32.68 1.08 0.00
PJM_GEN_KEystone 24065	29.19 -0.24 0.00	27.95 -0.19 0.00	30.15 -0.23 0.00	30.81 -0.13 0.00	29.63 -0.07 0.00	35.86 0.06 0.00	41.78 -0.39 0.00	44.25 -0.40 0.00	42.20 -0.32 0.01	42.12 -0.05 0.00	32.33 0.17 -0.08	28.25 0.20 -0.02	35.10 0.36 -0.20	41.80 0.43 -0.38	40.62 0.42 -0.34	36.94 0.20 0.54	46.71 0.17 0.00	42.43 0.25 0.00	38.52 0.19 0.00	39.75 0.09 0.00	35.10 0.00 0.00	35.04 0.10 0.00	33.64 0.21 0.00	31.70 0.28 0.19
PJM_GEN_NEPTUNE_PROXY 323594	30.43 1.00 0.00	28.90 0.77 0.00	31.11 0.73 0.00	31.66 0.72 0.00	30.40 0.69 0.00	36.71 0.91 0.00	43.09 0.92 0.00	45.68 1.03 0.00	43.67 1.15 0.01	43.64 1.47 0.00	33.64 1.39 -0.17	29.49 1.41 -0.05	36.77 1.79 -0.44	43.76 1.94 -0.82	41.61 1.68 -0.07	38.59 1.31 0.00	47.71 1.17 0.00	43.12 0.94 0.00	39.10 0.78 0.00	40.59 0.94 0.00	35.83 0.73 0.00	35.92 0.98 0.00	34.56 1.13 0.00	32.47 0.87 0.00
PJM_GEN_VFT_PROXY 323633	30.46 1.03 0.00	28.99 0.85 0.00	31.23 0.85 0.00	31.77 0.83 0.00	30.50 0.80 0.00	36.86 1.06 0.00	43.35 1.17 0.00	45.85 1.20 0.00	43.85 1.32 0.01	43.71 1.53 0.00	33.64 1.39 -0.17	29.51 1.42 -0.05	36.73 1.75 -0.44	43.61 1.79 -0.82	41.68 1.75 -0.07	38.89 1.60 0.00	48.22 1.68 0.00	43.56 1.39 0.00	39.40 1.08 0.00	40.85 1.20 0.00	36.16 1.06 0.00	36.06 1.12 0.00	34.61 1.18 0.00	32.54 0.94 0.00
PLATSBURG_115KV_PMLD1 355749	48.85 1.87 -17.55	29.70 1.50 -0.05	37.10 1.64 -5.09	32.50 1.56 0.00	31.29 1.58 0.00	37.80 2.00 0.00	44.92 2.65 -0.10	47.79 2.71 -0.43	44.65 2.11 0.00	44.04 1.87 0.00	33.33 1.25 0.00	29.18 1.15 0.00	36.02 1.48 0.00	42.80 1.81 0.00	41.68 1.82 0.00	39.18 1.90 0.00	49.00 2.46 0.00	44.36 2.18 0.00	52.75 2.07 -12.36	84.51 2.32 -42.53	41.64 2.12 -4.42	39.22 1.73 -2.56	34.79 1.36 0.00	32.84 1.24 0.00
PLEASANTVLY___LBMP 24000	30.25 0.82 0.00	28.85 0.71 0.00	31.11 0.74 0.00	31.65 0.71 0.00	30.40 0.70 0.00	36.68 0.88 0.00	43.22 1.05 0.00	45.75 1.10 0.00	43.69 1.16 0.00	43.45 1.28 0.00	33.31 1.05 -0.19	29.16 1.08 -0.05	36.35 1.32 -0.49	43.23 1.33 -0.91	41.20 1.27 -0.07	38.45 1.17 0.00	47.80 1.26 0.00	43.19 1.01 0.00	39.10 0.78 0.00	40.55 0.90 0.00	35.88 0.78 0.00	35.77 0.83 0.00	34.34 0.91 0.00	32.37 0.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	30.50 1.07 0.00	29.07 0.93 0.00	31.32 0.94 0.00	31.87 0.92 0.00	30.59 0.89 0.00	36.95 1.15 0.00	43.52 1.35 0.00	46.07 1.42 0.00	44.03 1.50 0.00	43.85 1.67 0.00	33.66 1.41 -0.17	29.50 1.41 -0.05	36.73 1.75 -0.44	43.65 1.83 -0.83	41.68 1.75 -0.07	38.90 1.61 0.00	48.31 1.77 0.00	43.64 1.46 0.00	39.51 1.19 0.00	40.96 1.31 0.00	36.24 1.14 0.00	36.12 1.18 0.00	34.67 1.23 0.00	32.63 1.03 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	30.50 1.07 0.00	29.07 0.93 0.00	31.32 0.94 0.00	31.87 0.92 0.00	30.59 0.89 0.00	36.95 1.15 0.00	43.52 1.35 0.00	46.07 1.42 0.00	44.03 1.50 0.00	43.85 1.67 0.00	33.66 1.41 -0.17	29.50 1.41 -0.05	36.73 1.75 -0.44	43.65 1.83 -0.83	41.68 1.75 -0.07	38.90 1.61 0.00	48.31 1.77 0.00	43.64 1.46 0.00	39.51 1.19 0.00	40.96 1.31 0.00	36.24 1.14 0.00	36.12 1.18 0.00	34.67 1.23 0.00	32.63 1.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.48 1.05 0.00	29.07 0.93 0.00	31.33 0.95 0.00	31.87 0.92 0.00	30.61 0.90 0.00	36.95 1.15 0.00	43.57 1.40 0.00	46.18 1.53 0.00	44.10 1.57 0.00	43.79 1.62 0.00	33.31 1.30 0.07	29.31 1.29 0.02	35.98 1.61 0.17	42.37 1.70 0.32	41.47 1.64 0.03	38.85 1.56 0.00	48.37 1.83 0.00	43.75 1.57 0.00	39.67 1.34 0.00	41.11 1.46 0.00	36.36 1.26 0.00	36.21 1.27 0.00	34.70 1.27 0.00	32.68 1.08 0.00
POLETTI_____ 23519	24.60 0.83 5.65	24.61 0.58 4.11	24.61 0.63 6.39	24.61 0.59 6.92	24.61 0.60 5.69	29.02 0.85 7.63	26.92 0.88 16.12	26.09 0.76 19.32	25.38 1.00 18.15	26.01 1.15 17.32	27.46 1.11 5.73	27.46 1.18 1.75	27.46 1.39 8.46	27.47 1.44 14.96	27.47 1.34 13.73	27.46 1.26 11.07	34.84 1.15 12.86	28.68 0.88 14.37	27.50 0.73 11.55	28.89 0.86 11.62	27.66 0.82 8.26	27.46 0.85 8.32	27.46 0.91 6.88	27.47 0.70 4.83
POMONA___ESR 323819	30.34 0.91 0.00	28.91 0.77 0.00	31.17 0.80 0.00	31.75 0.81 0.00	30.48 0.78 0.00	36.87 1.07 0.00	43.36 1.19 0.00	45.89 1.24 0.00	43.80 1.27 0.00	43.62 1.44 0.00	33.45 1.22 -0.15	29.34 1.26 -0.05	36.52 1.58 -0.40	43.39 1.65 -0.75	41.53 1.61 -0.06	38.74 1.46 0.00	48.18 1.64 0.00	43.57 1.40 0.00	39.43 1.11 0.00	40.85 1.20 0.00	36.09 0.99 0.00	36.00 1.06 0.00	34.56 1.13 0.00	32.53 0.92 0.00
PORT_JEFF_3 23555	30.57 1.14 0.00	28.98 0.84 0.00	31.16 0.79 0.00	31.69 0.75 0.00	30.42 0.71 0.00	36.77 0.97 0.00	43.20 1.03 0.00	45.81 1.16 0.00	43.82 1.29 0.00	43.72 1.55 0.00	33.64 1.39 -0.17	29.55 1.46 -0.05	36.92 1.94 -0.44	44.02 2.21 -0.82	41.81 1.88 -0.07	38.72 1.44 0.00	47.83 1.29 0.00	43.21 1.04 0.00	39.33 1.01 0.00	40.91 1.26 0.00	36.03 0.93 0.00	36.14 1.20 0.00	34.76 1.33 0.00	32.59 0.99 0.00
PORT_JEFF_4 23616	30.57 1.14 0.00	28.98 0.84 0.00	31.16 0.79 0.00	31.69 0.75 0.00	30.42 0.71 0.00	36.77 0.97 0.00	43.20 1.03 0.00	45.81 1.16 0.00	43.82 1.29 0.00	43.72 1.55 0.00	33.64 1.39 -0.17	29.55 1.46 -0.05	36.92 1.94 -0.44	44.02 2.21 -0.82	41.81 1.88 -0.07	38.72 1.44 0.00	47.83 1.29 0.00	43.21 1.04 0.00	39.33 1.01 0.00	40.91 1.26 0.00	36.03 0.93 0.00	36.14 1.20 0.00	34.76 1.33 0.00	32.59 0.99 0.00

PORT_JEFF_IC 23713	30.60 1.17 0.00	29.02 0.88 0.00	31.19 0.82 0.00	31.72 0.78 0.00	30.45 0.74 0.00	36.81 1.01 0.00	43.24 1.07 0.00	45.85 1.20 0.00	43.88 1.35 0.00	43.78 1.61 0.00	33.68 1.43 -0.17	29.60 1.51 -0.05	36.98 2.00 -0.44	44.12 2.31 -0.82	41.89 1.96 -0.07	38.78 1.50 0.00	47.91 1.37 0.00	43.29 1.12 0.00	39.40 1.08 0.00	40.98 1.33 0.00	36.10 1.00 0.00	36.20 1.26 0.00	34.81 1.38 0.00	32.64 1.04 0.00
PPL PILGRIM_ST_GT1 24216	30.94 1.51 0.00	29.35 1.21 0.00	31.57 1.19 0.00	32.12 1.17 0.00	30.83 1.13 0.00	37.26 1.47 0.00	43.73 1.56 0.00	46.39 1.75 0.00	44.40 1.87 0.00	44.33 2.16 0.00	34.17 1.92 -0.17	29.89 1.81 -0.05	37.42 2.44 -0.44	44.60 2.78 -0.82	42.34 2.41 -0.07	39.24 1.95 0.00	48.47 1.93 0.00	43.79 1.62 0.00	39.73 1.40 0.00	41.22 1.57 0.00	36.33 1.24 0.00	36.43 1.50 0.00	35.06 1.63 0.00	32.91 1.31 0.00
PPL PILGRIM_ST_GT2 24217	30.94 1.51 0.00	29.35 1.21 0.00	31.57 1.19 0.00	32.12 1.17 0.00	30.83 1.13 0.00	37.26 1.47 0.00	43.73 1.56 0.00	46.39 1.75 0.00	44.40 1.87 0.00	44.33 2.16 0.00	34.17 1.92 -0.17	29.89 1.81 -0.05	37.42 2.44 -0.44	44.60 2.78 -0.82	42.34 2.41 -0.07	39.24 1.95 0.00	48.47 1.93 0.00	43.79 1.62 0.00	39.73 1.40 0.00	41.22 1.57 0.00	36.33 1.24 0.00	36.43 1.50 0.00	35.06 1.63 0.00	32.91 1.31 0.00
PPL_SHRM_GT3 24213	30.26 0.83 0.00	28.68 0.54 0.00	30.84 0.47 0.00	31.36 0.42 0.00	30.09 0.39 0.00	36.38 0.58 0.00	42.76 0.59 0.00	45.35 0.70 0.00	43.36 0.83 0.00	43.19 1.02 0.00	33.20 0.96 -0.17	18.08 1.09 11.04	35.58 1.47 0.44	40.22 1.69 2.45	35.50 1.36 5.71	38.25 0.97 0.00	47.27 0.73 0.00	42.72 0.54 0.00	38.90 0.57 0.00	40.51 0.86 0.00	35.66 0.56 0.00	35.73 0.79 0.00	34.35 0.92 0.00	32.18 0.58 0.00
PPL_SHRM_GT4 24214	30.26 0.83 0.00	28.68 0.54 0.00	30.84 0.47 0.00	31.36 0.42 0.00	30.09 0.39 0.00	36.38 0.58 0.00	42.76 0.59 0.00	45.35 0.70 0.00	43.36 0.83 0.00	43.19 1.02 0.00	33.20 0.96 -0.17	18.08 1.09 11.04	35.58 1.47 0.44	40.22 1.69 2.45	35.50 1.36 5.71	38.25 0.97 0.00	47.27 0.73 0.00	42.72 0.54 0.00	38.90 0.57 0.00	40.51 0.86 0.00	35.66 0.56 0.00	35.73 0.79 0.00	34.35 0.92 0.00	32.18 0.58 0.00
PROJECT___ORANGE 1 24174	36.06 -0.16 -6.80	28.02 -0.14 -0.02	32.17 -0.17 -1.97	30.79 -0.16 0.00	29.60 -0.10 0.00	35.75 -0.04 0.00	42.07 -0.14 -0.04	44.66 -0.15 -0.17	42.25 -0.28 0.00	41.84 -0.33 0.00	31.88 -0.20 0.00	27.87 -0.16 0.00	34.39 -0.15 0.00	40.90 -0.09 0.00	39.81 -0.05 0.00	37.17 -0.12 0.00	46.42 -0.12 0.00	42.32 0.15 0.00	43.31 0.20 -4.79	56.28 0.15 -16.47	36.90 0.09 -1.71	35.98 0.05 -0.99	33.47 0.04 0.00	31.63 0.03 0.00
PROJECT___ORANGE 2 24166	36.06 -0.16 -6.80	28.02 -0.14 -0.02	32.17 -0.17 -1.97	30.79 -0.16 0.00	29.60 -0.10 0.00	35.75 -0.04 0.00	42.07 -0.14 -0.04	44.66 -0.15 -0.17	42.25 -0.28 0.00	41.84 -0.33 0.00	31.88 -0.20 0.00	27.87 -0.16 0.00	34.39 -0.15 0.00	40.90 -0.09 0.00	39.81 -0.05 0.00	37.17 -0.12 0.00	46.42 -0.12 0.00	42.32 0.15 0.00	43.31 0.20 -4.79	56.28 0.15 -16.47	36.90 0.09 -1.71	35.98 0.05 -0.99	33.47 0.04 0.00	31.63 0.03 0.00
PUCKETT___SOLAR 323809	29.70 0.27 0.00	28.48 0.34 0.00	30.70 0.33 0.00	31.30 0.36 0.00	30.10 0.40 0.00	36.39 0.59 0.00	42.76 0.59 0.00	45.21 0.56 0.00	42.83 0.29 0.00	42.30 0.13 0.00	32.05 -0.03 0.00	28.00 -0.03 0.00	34.57 0.03 0.00	41.11 0.12 0.00	39.99 0.13 0.00	37.45 0.17 0.00	47.11 0.56 0.00	43.05 0.88 0.00	39.29 0.96 0.00	40.67 1.02 0.00	36.02 0.92 0.00	35.76 0.82 0.00	34.10 0.66 0.00	32.24 0.64 0.00
PYRITES___HYD 24023	275.13 1.28 -244.42	29.90 1.06 -0.71	102.51 1.32 -70.82	32.24 1.29 0.00	30.87 1.17 0.00	37.19 1.39 0.00	45.60 2.01 -1.42	52.89 2.22 -6.02	44.09 1.56 0.00	43.16 0.98 0.00	32.71 0.63 0.00	28.49 0.46 0.00	35.04 0.50 0.00	41.76 0.77 0.00	40.52 0.66 0.00	37.87 0.59 0.00	47.33 0.79 0.00	42.99 0.80 -0.01	211.77 1.35 -172.09	633.64 1.71 -592.28	98.31 1.71 -61.50	72.16 1.60 -35.62	34.71 1.27 -0.01	32.77 1.16 0.00
QUAKERRD_115KV_BK1 80622	28.55 -0.88 0.00	27.36 -0.79 0.00	29.53 -0.85 0.00	30.16 -0.79 0.00	29.04 -0.67 0.00	35.11 -0.69 0.00	40.99 -1.18 0.00	43.38 -1.27 0.00	41.29 -1.24 0.00	41.02 -1.15 0.00	31.37 -0.71 0.00	27.31 -0.73 0.00	33.64 -0.91 0.00	40.27 -0.72 0.00	39.24 -0.62 0.00	36.59 -0.69 0.00	45.74 -0.80 0.00	41.81 -0.36 0.00	38.20 -0.12 0.00	39.34 -0.31 0.00	34.73 -0.37 0.00	34.45 -0.49 0.00	32.90 -0.53 0.00	31.24 -0.36 0.00
QUENSBRY_115KV_TB8 356137	31.10 1.67 0.00	29.53 1.39 0.00	31.96 1.58 0.00	32.51 1.56 0.00	31.29 1.59 0.00	37.90 2.10 0.00	44.71 2.54 0.00	47.34 2.69 0.00	44.57 2.04 0.00	43.81 1.64 0.00	32.80 0.89 0.17	28.67 0.69 0.05	35.02 0.92 0.44	41.25 1.09 0.83	40.93 1.14 0.07	38.60 1.32 0.00	48.52 1.98 0.00	44.13 1.96 0.00	40.45 2.12 0.00	42.01 2.36 0.00	37.31 2.21 0.00	37.09 2.15 0.00	35.65 2.22 0.00	33.22 1.61 0.00
RAMAPO___LBMP 323565	30.19 0.76 0.00	28.78 0.64 0.00	31.03 0.66 0.00	31.61 0.67 0.00	30.34 0.64 0.00	36.71 0.91 0.00	43.17 1.00 0.00	45.67 1.02 0.00	43.59 1.05 0.00	43.38 1.21 0.00	33.27 1.04 -0.15	29.16 1.09 -0.04	36.30 1.37 -0.39	43.13 1.41 -0.73	41.29 1.37 -0.06	38.51 1.23 0.00	47.92 1.38 0.00	43.32 1.15 0.00	39.24 0.91 0.00	40.65 0.99 0.00	35.90 0.81 0.00	35.82 0.88 0.00	34.39 0.96 0.00	32.37 0.77 0.00
RANKINE____ 23646	28.73 -0.70 0.00	27.64 -0.50 0.00	29.85 -0.52 0.00	30.55 -0.39 0.00	29.48 -0.23 0.00	35.57 -0.23 0.00	40.81 -1.36 0.00	43.14 -1.51 0.00	41.29 -1.24 0.00	41.32 -0.85 0.00	31.83 -0.25 0.00	27.52 -0.52 0.00	34.21 -0.32 0.00	40.99 0.00 0.00	39.90 0.04 0.00	37.03 -0.25 0.00	46.14 -0.40 0.00	42.22 0.05 0.00	38.59 0.27 0.00	39.49 -0.16 0.00	34.93 -0.17 0.00	34.76 -0.18 0.00	33.27 -0.16 0.00	32.01 0.40 0.00
RAVENSWOOD_GT2_1 24244	30.63 1.20 0.00	29.15 1.01 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.06 1.26 0.00	43.61 1.44 0.00	46.12 1.47 0.00	44.14 1.60 0.00	43.99 1.82 0.00	33.84 1.59 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.06 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.07 1.42 0.00	36.37 1.27 0.00	36.24 1.31 0.00	34.78 1.35 0.00	32.72 1.11 0.00
RAVENSWOOD_GT2_2 24245	30.63 1.20 0.00	29.15 1.01 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.06 1.26 0.00	43.61 1.44 0.00	46.12 1.47 0.00	44.14 1.60 0.00	43.99 1.82 0.00	33.84 1.59 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.06 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.07 1.42 0.00	36.37 1.27 0.00	36.24 1.31 0.00	34.78 1.35 0.00	32.72 1.11 0.00

RAVENSWOOD_GT2_3 24246	30.64 1.21 0.00	29.17 1.03 0.00	31.42 1.05 0.00	31.96 1.02 0.00	30.69 0.98 0.00	37.08 1.27 0.00	43.63 1.47 0.00	46.15 1.50 0.00	44.16 1.63 0.00	44.02 1.84 0.00	33.85 1.61 -0.17	29.67 1.59 -0.05	36.95 1.97 -0.44	43.89 2.08 -0.82	41.94 2.01 -0.07	39.13 1.84 0.00	48.51 1.97 0.00	43.81 1.63 0.00	39.64 1.31 0.00	41.10 1.45 0.00	36.38 1.28 0.00	36.26 1.32 0.00	34.80 1.37 0.00	32.73 1.13 0.00
RAVENSWOOD_GT2_4 24247	30.64 1.21 0.00	29.17 1.03 0.00	31.42 1.05 0.00	31.96 1.02 0.00	30.69 0.98 0.00	37.08 1.27 0.00	43.63 1.47 0.00	46.15 1.50 0.00	44.16 1.63 0.00	44.02 1.84 0.00	33.85 1.61 -0.17	29.67 1.59 -0.05	36.95 1.97 -0.44	43.89 2.08 -0.82	41.94 2.01 -0.07	39.13 1.84 0.00	48.51 1.97 0.00	43.81 1.63 0.00	39.64 1.31 0.00	41.10 1.45 0.00	36.38 1.28 0.00	36.26 1.32 0.00	34.80 1.37 0.00	32.73 1.13 0.00
RAVENSWOOD_GT3_1 24248	30.63 1.20 0.00	29.15 1.01 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.06 1.26 0.00	43.62 1.45 0.00	46.12 1.47 0.00	44.14 1.61 0.00	44.00 1.83 0.00	33.84 1.59 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.06 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.62 0.00	39.63 1.30 0.00	41.08 1.43 0.00	36.37 1.27 0.00	36.24 1.31 0.00	34.78 1.35 0.00	32.72 1.11 0.00
RAVENSWOOD_GT3_2 24249	30.63 1.20 0.00	29.15 1.01 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.06 1.26 0.00	43.62 1.45 0.00	46.12 1.47 0.00	44.14 1.61 0.00	44.00 1.83 0.00	33.84 1.59 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.06 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.62 0.00	39.63 1.30 0.00	41.08 1.43 0.00	36.37 1.27 0.00	36.24 1.31 0.00	34.78 1.35 0.00	32.72 1.11 0.00
RAVENSWOOD_GT3_3 24250	30.67 1.24 0.00	29.20 1.06 0.00	31.45 1.08 0.00	31.99 1.06 0.00	30.72 1.02 0.00	37.12 1.33 0.00	43.68 1.51 0.00	46.21 1.56 0.00	44.22 1.69 0.00	44.08 1.91 0.00	33.90 1.65 -0.17	29.72 1.64 -0.05	37.00 2.02 -0.44	43.95 2.14 -0.82	41.99 2.06 -0.07	39.18 1.90 0.00	48.58 2.04 0.00	43.87 1.70 0.00	39.70 1.38 0.00	41.15 1.49 0.00	36.43 1.33 0.00	36.31 1.37 0.00	34.84 1.41 0.00	32.77 1.17 0.00
RAVENSWOOD_GT3_4 24251	30.67 1.24 0.00	29.20 1.06 0.00	31.45 1.08 0.00	31.99 1.06 0.00	30.72 1.02 0.00	37.12 1.33 0.00	43.68 1.51 0.00	46.21 1.56 0.00	44.22 1.69 0.00	44.08 1.91 0.00	33.90 1.65 -0.17	29.72 1.64 -0.05	37.00 2.02 -0.44	43.95 2.14 -0.82	41.99 2.06 -0.07	39.18 1.90 0.00	48.58 2.04 0.00	43.87 1.70 0.00	39.70 1.38 0.00	41.15 1.49 0.00	36.43 1.33 0.00	36.31 1.37 0.00	34.84 1.41 0.00	32.77 1.17 0.00
RAVENSWOOD_GT_1 23729	30.70 1.27 0.00	29.19 1.05 0.00	31.46 1.09 0.00	32.00 1.06 0.00	30.73 1.03 0.00	37.11 1.31 0.00	43.67 1.50 0.00	46.17 1.53 0.00	44.25 1.72 0.00	44.11 1.93 0.00	33.95 1.70 -0.17	29.76 1.68 -0.05	37.03 2.05 -0.44	44.00 2.19 -0.82	42.03 2.11 -0.07	39.23 1.95 0.00	48.57 2.04 0.00	43.87 1.70 0.00	39.71 1.39 0.00	41.17 1.52 0.00	36.57 1.38 -0.09	36.35 1.41 0.00	34.88 1.45 0.00	32.80 1.20 0.00
RAVENSWOOD_GT_10 24258	30.63 1.20 0.00	29.15 1.01 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.07 1.27 0.00	43.62 1.45 0.00	46.12 1.47 0.00	44.14 1.61 0.00	43.99 1.82 0.00	33.83 1.58 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.06 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.07 1.42 0.00	36.38 1.27 -0.01	36.24 1.31 0.00	34.78 1.35 0.00	32.72 1.11 0.00
RAVENSWOOD_GT_11 24259	30.63 1.20 0.00	29.15 1.01 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.07 1.27 0.00	43.62 1.45 0.00	46.12 1.47 0.00	44.14 1.61 0.00	43.99 1.82 0.00	33.83 1.58 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.06 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.07 1.42 0.00	36.38 1.27 -0.01	36.24 1.31 0.00	34.78 1.35 0.00	32.72 1.11 0.00
RAVENSWOOD_GT_4 24252	30.63 1.20 0.00	29.16 1.02 0.00	31.41 1.04 0.00	31.95 1.01 0.00	30.68 0.98 0.00	37.07 1.27 0.00	43.62 1.46 0.00	46.14 1.49 0.00	44.14 1.61 0.00	43.99 1.82 0.00	33.83 1.58 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.05 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.08 1.43 0.00	36.43 1.26 -0.07	36.24 1.30 0.00	34.78 1.35 0.00	32.71 1.11 0.00
RAVENSWOOD_GT_5 24254	30.63 1.20 0.00	29.16 1.02 0.00	31.41 1.04 0.00	31.95 1.01 0.00	30.68 0.98 0.00	37.07 1.27 0.00	43.62 1.46 0.00	46.14 1.49 0.00	44.14 1.61 0.00	43.99 1.82 0.00	33.83 1.58 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.05 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.08 1.43 0.00	36.43 1.26 -0.07	36.24 1.30 0.00	34.78 1.35 0.00	32.71 1.11 0.00
RAVENSWOOD_GT_6 24253	30.63 1.20 0.00	29.16 1.02 0.00	31.41 1.04 0.00	31.95 1.01 0.00	30.68 0.98 0.00	37.07 1.27 0.00	43.62 1.46 0.00	46.14 1.49 0.00	44.14 1.61 0.00	43.99 1.82 0.00	33.83 1.58 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.05 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.08 1.43 0.00	36.43 1.26 -0.07	36.24 1.30 0.00	34.78 1.35 0.00	32.71 1.11 0.00
RAVENSWOOD_GT_7 24255	30.63 1.20 0.00	29.16 1.02 0.00	31.41 1.04 0.00	31.95 1.01 0.00	30.68 0.98 0.00	37.07 1.27 0.00	43.62 1.46 0.00	46.14 1.49 0.00	44.14 1.61 0.00	43.99 1.82 0.00	33.83 1.58 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.05 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.08 1.43 0.00	36.43 1.26 -0.07	36.24 1.30 0.00	34.78 1.35 0.00	32.71 1.11 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	30.63 1.20 0.00	29.15 1.01 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.07 1.27 0.00	43.62 1.45 0.00	46.12 1.47 0.00	44.14 1.61 0.00	43.99 1.82 0.00	33.83 1.58 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.06 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.07 1.42 0.00	36.38 1.27 -0.01	36.24 1.31 0.00	34.78 1.35 0.00	32.72 1.11 0.00
RAVENSWOOD_GT_9 24257	30.63 1.20 0.00	29.15 1.01 0.00	31.40 1.02 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.07 1.27 0.00	43.62 1.45 0.00	46.12 1.47 0.00	44.14 1.61 0.00	43.99 1.82 0.00	33.83 1.58 -0.17	29.66 1.58 -0.05	36.93 1.95 -0.44	43.87 2.06 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.61 0.00	39.63 1.30 0.00	41.07 1.42 0.00	36.38 1.27 -0.01	36.24 1.31 0.00	34.78 1.35 0.00	32.72 1.11 0.00

RAVENSWOOD___1 23533	30.64 1.21 0.00	29.13 1.00 0.00	31.40 1.03 0.00	31.95 1.01 0.00	30.68 0.97 0.00	37.06 1.26 0.00	43.59 1.42 0.00	46.10 1.45 0.00	44.17 1.63 0.00	44.02 1.85 0.00	33.87 1.63 -0.17	29.70 1.61 -0.05	36.96 1.98 -0.44	43.91 2.10 -0.82	41.94 2.02 -0.07	39.16 1.87 0.00	48.49 1.96 0.00	43.79 1.62 0.00	39.64 1.32 0.00	41.09 1.44 0.00	36.33 1.32 0.09	36.31 1.37 0.00	34.84 1.41 0.00	32.75 1.15 0.00
RAVENSWOOD___2 23534	30.64 1.21 0.00	29.13 1.00 0.00	31.40 1.03 0.00	31.95 1.01 0.00	30.68 0.97 0.00	37.06 1.26 0.00	43.59 1.42 0.00	46.10 1.45 0.00	44.17 1.63 0.00	44.02 1.85 0.00	33.87 1.63 -0.17	29.70 1.61 -0.05	36.96 1.98 -0.44	43.91 2.10 -0.82	41.94 2.02 -0.07	39.16 1.87 0.00	48.49 1.96 0.00	43.79 1.62 0.00	39.64 1.32 0.00	41.09 1.44 0.00	36.33 1.32 0.09	36.31 1.37 0.00	34.84 1.41 0.00	32.75 1.15 0.00
RAVENSWOOD___3 23535	30.63 1.20 0.00	29.14 1.01 0.00	31.41 1.03 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.06 1.27 0.00	43.61 1.44 0.00	46.13 1.48 0.00	44.14 1.61 0.00	44.00 1.83 0.00	33.84 1.59 -0.17	29.67 1.58 -0.05	36.93 1.95 -0.44	43.87 2.06 -0.82	41.91 1.98 -0.07	39.11 1.83 0.00	48.49 1.95 0.00	43.79 1.62 0.00	39.63 1.30 0.00	41.08 1.43 0.00	36.37 1.27 0.00	36.25 1.31 0.00	34.79 1.36 0.00	32.72 1.11 0.00
RAVENSWOOD___4 23820	30.64 1.21 0.00	29.13 1.00 0.00	31.40 1.03 0.00	31.95 1.01 0.00	30.68 0.97 0.00	37.06 1.26 0.00	43.59 1.42 0.00	46.10 1.45 0.00	44.17 1.63 0.00	44.02 1.85 0.00	33.87 1.63 -0.17	29.70 1.61 -0.05	36.96 1.98 -0.44	43.91 2.10 -0.82	41.94 2.02 -0.07	39.16 1.87 0.00	48.49 1.96 0.00	43.79 1.62 0.00	39.64 1.32 0.00	41.09 1.44 0.00	36.33 1.32 0.09	36.31 1.37 0.00	34.84 1.41 0.00	32.75 1.15 0.00
RCPL_TRUST___DRP 24196	30.63 1.20 0.00	29.15 1.02 0.00	31.41 1.03 0.00	31.95 1.01 0.00	30.67 0.97 0.00	37.08 1.28 0.00	43.64 1.47 0.00	46.17 1.52 0.00	44.19 1.66 0.00	44.06 1.89 0.00	33.89 1.64 -0.17	29.70 1.62 -0.05	36.99 2.01 -0.44	43.94 2.12 -0.82	41.98 2.06 -0.07	39.18 1.90 0.00	48.58 2.04 0.00	43.86 1.69 0.00	39.68 1.35 0.00	41.13 1.48 0.00	36.38 1.28 0.00	36.24 1.31 0.00	34.79 1.36 0.00	32.71 1.11 0.00
RED___ROCHESTER 323720	29.39 -0.04 0.00	28.16 0.02 0.00	30.38 0.01 0.00	31.03 0.08 0.00	29.89 0.18 0.00	36.17 0.37 0.00	42.16 -0.01 0.00	44.62 -0.03 0.00	42.49 -0.04 0.00	42.27 0.10 0.00	32.36 0.28 0.00	28.16 0.12 0.00	34.70 0.16 0.00	41.66 0.67 0.00	40.60 0.74 0.00	37.85 0.57 0.00	47.33 0.79 0.00	43.33 1.15 0.00	39.64 1.32 0.00	40.76 1.11 0.00	35.96 0.86 0.00	35.67 0.73 0.00	34.06 0.63 0.00	32.35 0.75 0.00
REGAN___SOLAR 323812	30.81 1.38 0.00	29.42 1.29 0.00	31.74 1.37 0.00	32.35 1.41 0.00	31.09 1.39 0.00	37.55 1.75 0.00	44.36 2.19 0.00	46.85 2.20 0.00	43.66 1.13 0.00	42.79 0.61 0.00	32.02 0.04 0.10	27.72 -0.29 0.03	34.04 -0.25 0.25	40.16 -0.36 0.48	39.51 -0.32 0.04	36.95 -0.33 0.00	47.05 0.51 0.00	43.67 1.50 0.00	40.41 2.09 0.00	42.09 2.44 0.00	37.26 2.16 0.00	36.93 1.99 0.00	35.24 1.81 0.00	33.17 1.57 0.00
RENSSELAER___COGEN 23796	29.59 0.16 0.00	28.32 0.18 0.00	30.53 0.15 0.00	31.03 0.08 0.00	29.85 0.15 0.00	35.94 0.15 0.00	42.32 0.15 0.00	44.82 0.17 0.00	42.69 0.16 0.00	42.25 0.08 0.00	31.97 0.02 0.13	28.02 0.02 0.04	34.10 -0.10 0.34	40.13 -0.24 0.63	39.58 -0.23 0.05	37.13 -0.15 0.00	46.23 -0.31 0.00	41.80 -0.37 0.00	37.86 -0.47 0.00	39.26 -0.38 0.00	34.82 -0.28 0.00	34.78 -0.15 0.00	33.38 -0.05 0.00	31.58 -0.02 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.09 3.66 0.00	31.14 3.00 0.00	33.80 3.42 0.00	34.36 3.42 0.00	33.06 3.36 0.00	40.28 4.48 0.00	47.64 5.47 0.00	50.39 5.74 0.00	47.08 4.54 0.00	45.97 3.80 0.00	34.20 2.30 0.17	29.89 1.91 0.05	36.56 2.47 0.45	43.18 3.03 0.84	42.86 3.07 0.07	40.55 3.26 0.00	51.09 4.55 0.00	46.29 4.12 0.00	43.15 4.82 0.00	44.91 5.26 0.00	40.29 5.19 0.00	39.93 4.99 0.00	38.25 4.82 0.00	35.10 3.50 0.00
REVERE_CPPR_DRP 24186	51.32 1.23 -20.66	29.34 1.14 -0.06	37.55 1.19 -5.99	32.18 1.24 0.00	30.95 1.24 0.00	37.38 1.59 0.00	44.29 2.00 -0.12	47.28 2.12 -0.51	44.09 1.56 0.00	43.32 1.15 0.00	32.83 0.75 0.00	28.72 0.68 0.00	35.37 0.82 0.00	42.03 1.04 0.00	41.00 1.14 0.00	38.38 1.09 0.00	48.20 1.66 0.00	44.26 2.09 0.00	55.13 2.25 -14.55	92.07 2.34 -50.07	42.32 2.03 -5.20	39.84 1.89 -3.01	35.11 1.68 0.00	33.02 1.42 0.00
REYNLDPA_13_KV_LD 356490	-5.47 0.28 35.17	28.10 0.07 0.10	20.57 0.39 10.19	31.35 0.41 0.00	30.00 0.30 0.00	36.08 0.28 0.00	42.46 0.50 0.20	44.35 0.57 0.87	43.09 0.56 0.00	42.75 0.58 0.00	32.52 0.44 0.00	28.32 0.28 0.00	34.87 0.34 0.00	41.55 0.56 0.00	40.41 0.54 0.00	37.81 0.52 0.00	47.20 0.67 0.00	42.64 0.47 0.00	14.04 0.48 24.77	-45.50 0.09 85.24	26.63 0.38 8.85	30.18 0.36 5.13	33.64 0.21 0.00	31.84 0.24 0.00
REYNOLDS_115KV_TB3 80639	29.83 0.39 0.00	28.52 0.38 0.00	30.76 0.39 0.00	31.29 0.35 0.00	30.09 0.39 0.00	36.24 0.44 0.00	42.67 0.50 0.00	45.16 0.51 0.00	42.99 0.46 0.00	42.57 0.40 0.16	32.14 0.22 0.00	28.22 0.23 0.05	34.33 0.20 0.41	40.34 0.11 0.76	39.90 0.10 0.06	37.46 0.18 0.00	46.64 0.10 0.00	42.14 -0.03 0.00	38.14 -0.18 0.00	39.56 -0.09 0.00	35.11 0.01 0.00	35.05 0.11 0.00	33.67 0.24 0.00	31.85 0.25 0.00
RIVERBAY____ 323610	31.37 1.93 0.00	29.77 1.63 0.00	32.16 1.78 0.00	32.74 1.79 0.00	31.44 1.74 0.00	38.08 2.29 0.00	44.76 2.59 0.00	47.44 2.79 0.00	45.40 2.87 0.00	45.16 2.99 0.00	34.72 2.47 -0.17	30.43 2.35 -0.05	37.87 2.89 -0.44	45.01 3.19 -0.82	42.96 3.03 -0.07	40.09 2.81 0.00	49.64 3.10 0.00	44.81 2.64 0.00	40.67 2.34 0.00	42.00 2.35 0.00	37.21 2.11 0.00	37.08 2.14 0.00	35.57 2.14 0.00	33.46 1.86 0.00
RIVERSDE_115KV_TB3 55908	29.73 0.31 0.00	28.44 0.30 0.00	30.66 0.29 0.00	31.10 0.16 0.00	29.91 0.21 0.00	36.03 0.23 0.00	42.43 0.26 0.00	44.94 0.29 0.00	42.80 0.27 0.00	42.37 0.19 0.00	32.05 0.11 0.14	28.12 0.13 0.04	34.21 0.04 0.36	40.27 -0.03 0.68	39.82 0.01 0.05	37.38 0.09 0.00	46.55 0.01 0.00	42.09 -0.09 0.00	38.10 -0.23 0.00	39.51 -0.14 0.00	35.05 -0.05 0.00	34.99 0.06 0.00	33.59 0.15 0.00	31.77 0.17 0.00
ROARING___BROOK_WT_PWR 323790	23.63 0.04 5.84	28.15 0.03 0.02	28.75 0.06 1.69	31.00 0.05 0.00	29.70 0.00 0.00	35.75 -0.04 0.00	42.17 0.04 0.03	44.53 0.02 0.14	42.53 -0.01 0.00	42.23 0.05 0.00	32.11 0.03 0.00	28.04 0.00 0.00	34.54 0.00 0.00	41.02 0.03 0.00	39.90 0.04 0.00	37.33 0.04 0.00	46.61 0.07 0.00	42.21 0.04 0.00	34.26 0.05 4.11	25.51 0.01 14.15	33.68 0.05 1.47	34.12 0.03 0.85	33.42 -0.01 0.00	31.50 -0.10 0.00

ROCHESRG_115KV_T4 355643	29.03 -0.39 0.00	27.85 -0.29 0.00	30.06 -0.31 0.00	30.71 -0.23 0.00	29.59 -0.12 0.00	35.78 -0.02 0.00	41.66 -0.51 0.00	44.07 -0.58 0.00	41.98 -0.55 0.00	41.77 -0.40 0.00	31.97 -0.11 0.00	27.81 -0.23 0.00	34.32 -0.22 0.00	41.09 0.10 0.00	40.02 0.16 0.00	37.30 0.01 0.00	46.59 0.05 0.00	42.59 0.41 0.00	38.94 0.62 0.00	40.07 0.42 0.00	35.38 0.28 0.00	35.14 0.20 0.00	33.58 0.15 0.00	31.94 0.34 0.00
ROCHESTER_9_IC 23652	29.20 -0.23 0.00	27.99 -0.15 0.00	30.21 -0.17 0.00	30.86 -0.08 0.00	29.73 0.03 0.00	35.96 0.16 0.00	41.89 -0.28 0.00	44.32 -0.32 0.00	42.21 -0.32 0.00	41.99 -0.18 0.00	32.14 0.06 0.00	27.96 -0.07 0.00	34.49 -0.05 0.00	41.34 0.35 0.00	40.29 0.42 0.00	37.53 0.25 0.00	46.90 0.36 0.00	42.91 0.73 0.00	39.24 0.92 0.00	40.37 0.72 0.00	35.63 0.53 0.00	35.38 0.44 0.00	33.79 0.35 0.00	32.12 0.52 0.00
ROCKVIEW_13_KV_LD 356306	30.64 1.21 0.00	29.18 1.05 0.00	31.43 1.06 0.00	32.00 1.06 0.00	30.71 1.01 0.00	37.11 1.32 0.00	43.70 1.53 0.00	46.25 1.60 0.00	44.21 1.67 0.00	44.05 1.88 0.00	33.87 1.62 -0.17	29.68 1.60 -0.05	36.97 1.99 -0.44	43.92 2.11 -0.82	41.95 2.03 -0.07	39.13 1.85 0.00	48.58 2.04 0.00	43.87 1.70 0.00	39.72 1.39 0.00	41.19 1.54 0.00	36.44 1.34 0.00	36.32 1.38 0.00	34.86 1.42 0.00	32.79 1.19 0.00
ROME____115KV_TB2 80656	51.32 1.23 -20.66	29.34 1.14 -0.06	37.55 1.19 -5.99	32.18 1.24 0.00	30.95 1.24 0.00	37.38 1.59 0.00	44.29 2.00 -0.12	47.28 2.12 -0.51	44.09 1.56 0.00	43.32 1.15 0.00	32.83 0.75 0.00	28.72 0.68 0.00	35.37 0.82 0.00	42.03 1.04 0.00	41.00 1.14 0.00	38.38 1.09 0.00	48.20 1.66 0.00	44.26 2.09 0.00	55.13 2.25 -14.55	92.07 2.34 -50.07	42.32 2.03 -5.20	39.84 1.89 -3.01	35.11 1.68 0.00	33.02 1.42 0.00
ROSETON____1 23587	30.23 0.80 0.00	28.83 0.69 0.00	31.08 0.71 0.00	31.63 0.69 0.00	30.37 0.67 0.00	36.67 0.87 0.00	43.18 1.01 0.00	45.72 1.07 0.00	43.66 1.12 0.00	43.43 1.26 0.00	33.28 1.04 -0.15	29.15 1.07 -0.05	36.25 1.31 -0.40	43.08 1.33 -0.75	41.19 1.27 -0.06	38.45 1.17 0.00	47.82 1.28 0.00	43.20 1.03 0.00	39.12 0.80 0.00	40.55 0.89 0.00	35.87 0.77 0.00	35.77 0.83 0.00	34.34 0.90 0.00	32.36 0.76 0.00
ROSETON____2 23588	30.23 0.80 0.00	28.83 0.69 0.00	31.08 0.71 0.00	31.63 0.69 0.00	30.37 0.67 0.00	36.67 0.87 0.00	43.18 1.01 0.00	45.72 1.07 0.00	43.66 1.12 0.00	43.43 1.26 0.00	33.28 1.04 -0.15	29.15 1.07 -0.05	36.25 1.31 -0.40	43.08 1.33 -0.75	41.19 1.27 -0.06	38.45 1.17 0.00	47.82 1.28 0.00	43.20 1.03 0.00	39.12 0.80 0.00	40.55 0.89 0.00	35.87 0.77 0.00	35.77 0.83 0.00	34.34 0.90 0.00	32.36 0.76 0.00
ROTTRDAM_115KV_TB3 80664	30.01 0.58 0.00	28.70 0.56 0.00	30.97 0.60 0.00	31.56 0.62 0.00	30.32 0.61 0.00	36.55 0.75 0.00	43.07 0.90 0.00	45.56 0.92 0.00	43.30 0.76 0.00	42.87 0.70 0.00	32.39 0.42 0.11	28.39 0.38 0.03	34.75 0.50 0.28	40.91 0.45 0.54	40.23 0.41 0.04	37.71 0.43 0.00	47.14 0.60 0.00	42.78 0.61 0.00	38.87 0.54 0.00	40.29 0.64 0.00	35.70 0.60 0.00	35.56 0.62 0.00	34.11 0.67 0.00	32.20 0.60 0.00
RUSSELL____1 23602	29.39 -0.04 0.00	28.15 0.02 0.00	30.38 0.01 0.00	31.03 0.08 0.00	29.88 0.18 0.00	36.17 0.37 0.00	42.16 -0.01 0.00	44.62 -0.03 0.00	42.49 -0.04 0.00	42.27 0.10 0.00	32.37 0.29 0.00	28.16 0.12 0.00	34.71 0.17 0.00	41.67 0.68 0.00	40.61 0.74 0.00	37.85 0.57 0.00	47.33 0.79 0.00	43.32 1.15 0.00	39.65 1.33 0.00	40.76 1.11 0.00	35.96 0.86 0.00	35.68 0.73 0.00	34.05 0.63 0.00	32.35 0.75 0.00
RUSSELL____2 23532	29.39 -0.04 0.00	28.15 0.02 0.00	30.38 0.01 0.00	31.03 0.08 0.00	29.88 0.18 0.00	36.17 0.37 0.00	42.16 -0.01 0.00	44.62 -0.03 0.00	42.49 -0.04 0.00	42.27 0.10 0.00	32.37 0.29 0.00	28.16 0.12 0.00	34.71 0.17 0.00	41.67 0.68 0.00	40.61 0.74 0.00	37.85 0.57 0.00	47.33 0.79 0.00	43.32 1.15 0.00	39.65 1.33 0.00	40.76 1.11 0.00	35.96 0.86 0.00	35.68 0.73 0.00	34.05 0.63 0.00	32.35 0.75 0.00
RUSSELL____3 23549	29.39 -0.04 0.00	28.15 0.02 0.00	30.38 0.01 0.00	31.03 0.08 0.00	29.88 0.18 0.00	36.17 0.37 0.00	42.16 -0.01 0.00	44.62 -0.03 0.00	42.49 -0.04 0.00	42.27 0.10 0.00	32.37 0.29 0.00	28.16 0.12 0.00	34.71 0.17 0.00	41.67 0.68 0.00	40.61 0.74 0.00	37.85 0.57 0.00	47.33 0.79 0.00	43.32 1.15 0.00	39.65 1.33 0.00	40.76 1.11 0.00	35.96 0.86 0.00	35.68 0.73 0.00	34.05 0.63 0.00	32.35 0.75 0.00
RUSSELL____4 23556	29.39 -0.04 0.00	28.15 0.02 0.00	30.38 0.01 0.00	31.03 0.08 0.00	29.88 0.18 0.00	36.17 0.37 0.00	42.16 -0.01 0.00	44.62 -0.03 0.00	42.49 -0.04 0.00	42.27 0.10 0.00	32.37 0.29 0.00	28.16 0.12 0.00	34.71 0.17 0.00	41.67 0.68 0.00	40.61 0.74 0.00	37.85 0.57 0.00	47.33 0.79 0.00	43.32 1.15 0.00	39.65 1.33 0.00	40.76 1.11 0.00	35.96 0.86 0.00	35.68 0.73 0.00	34.05 0.63 0.00	32.35 0.75 0.00
RUSSELL____STATION 23914	29.39 -0.04 0.00	28.15 0.02 0.00	30.38 0.01 0.00	31.03 0.08 0.00	29.88 0.18 0.00	36.17 0.37 0.00	42.16 -0.01 0.00	44.62 -0.03 0.00	42.49 -0.04 0.00	42.27 0.10 0.00	32.37 0.29 0.00	28.16 0.12 0.00	34.71 0.17 0.00	41.67 0.68 0.00	40.61 0.74 0.00	37.85 0.57 0.00	47.33 0.79 0.00	43.32 1.15 0.00	39.65 1.33 0.00	40.76 1.11 0.00	35.96 0.86 0.00	35.68 0.73 0.00	34.05 0.63 0.00	32.35 0.75 0.00
S SALMON____HYD 24043	52.45 0.23 -22.80	28.42 0.21 -0.07	37.18 0.20 -6.60	31.17 0.22 0.00	29.94 0.24 0.00	36.19 0.39 0.00	42.81 0.51 -0.13	45.76 0.55 -0.56	42.67 0.13 0.00	41.91 -0.26 0.00	31.79 -0.29 0.00	27.77 -0.27 0.00	34.23 -0.31 0.00	40.64 -0.35 0.00	39.52 -0.35 0.00	36.87 -0.41 0.00	46.20 -0.34 0.00	42.28 0.11 0.00	54.87 0.50 -16.05	95.56 0.67 -55.24	41.44 0.60 -5.74	38.88 0.62 -3.32	33.97 0.54 0.00	32.06 0.46 0.00
S.PERRY__115KV_TB1 80734	29.81 0.38 0.00	28.61 0.47 0.00	30.91 0.54 0.00	31.66 0.72 0.00	30.54 0.83 0.00	36.98 1.19 0.00	43.23 1.07 0.00	45.80 1.15 0.00	43.05 0.51 0.00	42.23 0.05 0.00	32.35 0.27 0.00	28.10 0.07 0.00	34.75 0.20 0.00	41.64 0.65 0.00	40.54 0.68 0.00	37.72 0.44 0.00	47.20 0.66 0.00	43.35 1.17 0.00	40.12 1.79 0.00	41.66 2.01 0.00	36.90 1.80 0.00	36.58 1.65 0.00	34.85 1.42 0.00	33.07 1.47 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.58 -0.84 0.00	27.51 -0.63 0.00	29.72 -0.66 0.00	30.41 -0.53 0.00	29.35 -0.36 0.00	35.38 -0.42 0.00	40.49 -1.68 0.00	42.75 -1.90 0.00	40.97 -1.57 0.00	41.06 -1.11 0.00	31.63 -0.45 0.00	27.31 -0.72 0.00	33.96 -0.57 0.00	40.70 -0.29 0.00	39.61 -0.25 0.00	36.74 -0.55 0.00	45.71 -0.83 0.00	41.81 -0.36 0.00	38.27 -0.06 0.00	39.13 -0.52 0.00	34.61 -0.49 0.00	34.47 -0.47 0.00	33.02 -0.41 0.00	31.83 0.23 0.00

SAWYER___23_KV_LOAD 55526	28.58 -0.84 0.00	27.51 -0.63 0.00	29.72 -0.66 0.00	30.41 -0.53 0.00	29.35 -0.36 0.00	35.38 -0.42 0.00	40.49 -1.68 0.00	42.75 -1.90 0.00	40.97 -1.57 0.00	41.06 -1.11 0.00	31.63 -0.45 0.00	27.31 -0.72 0.00	33.96 -0.57 0.00	40.70 -0.29 0.00	39.61 -0.25 0.00	36.74 -0.55 0.00	45.71 -0.83 0.00	41.81 -0.36 0.00	38.27 -0.06 0.00	39.13 -0.52 0.00	34.61 -0.49 0.00	34.47 -0.47 0.00	33.02 -0.41 0.00	31.83 0.23 0.00
SELKIRK___I 23801	29.85 0.42 0.00	28.61 0.47 0.00	30.85 0.48 0.00	31.39 0.45 0.00	30.18 0.48 0.00	36.34 0.55 0.00	42.80 0.63 0.00	45.30 0.65 0.00	42.99 0.46 0.00	42.47 0.30 0.00	32.13 0.11 0.06	28.05 0.03 0.02	34.30 -0.08 0.16	40.51 -0.18 0.30	39.66 -0.18 0.02	36.77 -0.51 0.00	45.70 -0.84 0.00	41.35 -0.82 0.00	37.53 -0.80 0.00	38.95 -0.70 0.00	34.54 -0.56 0.00	34.47 -0.47 0.00	33.07 -0.36 0.00	31.32 -0.28 0.00
SELKIRK___II 23799	29.67 0.24 0.00	28.44 0.30 0.00	30.68 0.30 0.00	31.20 0.26 0.00	30.00 0.30 0.00	36.12 0.32 0.00	42.54 0.37 0.00	45.06 0.41 0.00	42.89 0.36 0.00	42.48 0.30 0.00	32.13 0.14 0.09	28.04 0.03 0.03	34.20 -0.10 0.23	40.31 -0.25 0.43	39.56 -0.26 0.03	37.04 -0.24 0.00	46.12 -0.41 0.00	41.72 -0.46 0.00	37.77 -0.55 0.00	39.15 -0.50 0.00	34.75 -0.35 0.00	34.69 -0.25 0.00	33.29 -0.14 0.00	31.56 -0.04 0.00
SENECA OSWGO___HYD 24041	36.66 -0.42 -7.66	27.78 -0.38 -0.02	32.15 -0.45 -2.22	30.51 -0.43 0.00	29.33 -0.38 0.00	35.42 -0.38 0.00	41.69 -0.52 -0.04	44.29 -0.55 -0.19	41.89 -0.64 0.00	41.45 -0.72 0.00	31.53 -0.55 0.00	27.57 -0.47 0.00	33.98 -0.56 0.00	40.37 -0.62 0.00	39.24 -0.62 0.00	36.69 -0.59 0.00	45.86 -0.68 0.00	41.78 -0.39 0.00	43.46 -0.26 -5.39	57.94 -0.26 -18.55	36.75 -0.27 -1.93	35.78 -0.28 -1.12	33.15 -0.28 0.00	31.35 -0.25 0.00
SENECA___115KV_TB3 355854	28.77 -0.65 0.00	27.68 -0.46 0.00	29.89 -0.48 0.00	30.60 -0.34 0.00	29.52 -0.19 0.00	35.63 -0.17 0.00	40.88 -1.29 0.00	43.20 -1.45 0.00	41.36 -1.18 0.00	41.40 -0.78 0.00	31.88 -0.20 0.00	27.56 -0.47 0.00	34.28 -0.27 0.00	41.07 0.07 0.00	39.98 0.12 0.00	37.11 -0.17 0.00	46.24 -0.30 0.00	42.31 0.13 0.00	38.67 0.35 0.00	39.57 -0.08 0.00	35.00 -0.10 0.00	34.82 -0.12 0.00	33.32 -0.11 0.00	32.06 0.46 0.00
SENECA___ENERGY 23797	33.87 -0.01 -4.46	28.20 0.05 -0.01	31.69 0.03 -1.29	31.03 0.09 0.00	29.86 0.16 0.00	36.15 0.35 0.00	42.41 0.21 -0.03	44.94 0.18 -0.11	42.44 -0.09 0.00	41.84 -0.33 0.00	31.89 -0.19 0.00	27.81 -0.22 0.00	34.35 -0.19 0.00	40.90 -0.09 0.00	39.89 0.03 0.00	37.27 -0.01 0.00	46.63 0.09 0.00	42.77 0.60 0.00	42.33 0.87 -3.14	51.30 0.85 -10.79	36.99 0.77 -1.12	36.34 0.75 -0.65	34.03 0.61 0.00	32.20 0.59 0.00
SHOEMAKER___GT 23640	30.11 0.68 0.00	28.73 0.59 0.00	30.97 0.60 0.00	31.53 0.58 0.00	30.27 0.57 0.00	36.56 0.76 0.00	43.05 0.88 0.00	45.58 0.93 0.00	43.51 0.97 0.00	43.25 1.07 0.00	33.08 0.87 -0.14	28.96 0.89 -0.04	36.01 1.11 -0.35	42.85 1.20 -0.66	41.04 1.12 -0.05	38.32 1.04 0.00	47.76 1.22 0.00	43.21 1.04 0.00	39.16 0.83 0.00	40.54 0.88 0.00	35.85 0.75 0.00	35.73 0.79 0.00	34.27 0.83 0.00	32.28 0.68 0.00
SHOEMAKR_138KV_BK 111 55601	30.09 0.66 0.00	28.72 0.58 0.00	30.96 0.58 0.00	31.52 0.58 0.00	30.26 0.56 0.00	36.56 0.76 0.00	43.04 0.87 0.00	45.55 0.90 0.00	43.48 0.95 0.00	43.24 1.07 0.00	33.09 0.87 -0.14	28.97 0.90 -0.04	36.02 1.13 -0.35	42.85 1.20 -0.65	41.04 1.13 -0.05	38.32 1.04 0.00	47.75 1.21 0.00	43.19 1.02 0.00	39.14 0.81 0.00	40.52 0.87 0.00	35.83 0.73 0.00	35.71 0.77 0.00	34.25 0.82 0.00	32.27 0.67 0.00
SHOREHAM_IC_1 23715	30.26 0.83 0.00	28.68 0.54 0.00	30.84 0.47 0.00	31.36 0.42 0.00	30.09 0.39 0.00	36.38 0.58 0.00	42.76 0.59 0.00	45.35 0.70 0.00	43.36 0.83 0.00	43.19 1.02 0.00	33.20 0.96 -0.17	18.08 1.09 11.04	35.58 1.47 0.44	40.22 1.69 2.45	35.50 1.36 5.71	38.25 0.97 0.00	47.27 0.73 0.00	42.72 0.54 0.00	38.90 0.57 0.00	40.51 0.86 0.00	35.66 0.56 0.00	35.73 0.79 0.00	34.35 0.92 0.00	32.18 0.58 0.00
SHOREHAM_IC_2 23716	30.26 0.84 0.00	28.68 0.54 0.00	30.84 0.47 0.00	31.36 0.42 0.00	30.09 0.39 0.00	36.38 0.58 0.00	42.77 0.60 0.00	45.34 0.69 0.00	43.36 0.83 0.00	43.19 1.02 0.00	33.20 0.96 -0.17	18.09 1.09 11.04	35.58 1.47 0.44	40.23 1.69 2.45	35.50 1.36 5.71	38.25 0.97 0.00	47.27 0.73 0.00	42.72 0.55 0.00	38.90 0.57 0.00	40.50 0.85 0.00	35.66 0.56 0.00	35.73 0.79 0.00	34.35 0.92 0.00	32.19 0.58 0.00
SISSONVILLE____ 23735	261.00 0.90 -230.67	29.52 0.71 -0.67	98.09 0.88 -66.83	31.81 0.86 0.00	30.46 0.75 0.00	36.66 0.87 0.00	44.83 1.32 -1.34	51.81 1.48 -5.69	43.63 1.10 0.00	42.97 0.80 0.00	32.59 0.51 0.00	28.40 0.36 0.00	34.94 0.40 0.00	41.60 0.61 0.00	40.34 0.48 0.00	37.74 0.46 0.00	47.17 0.63 0.00	42.81 0.63 -0.01	201.66 0.92 -162.41	599.66 1.04 -558.97	94.20 1.07 -58.04	69.58 1.02 -33.62	34.19 0.75 -0.01	32.29 0.69 0.00
SITHE_IND_GS1 24169	28.67 -0.76 0.00	27.43 -0.71 0.00	29.59 -0.78 0.00	30.17 -0.77 0.00	28.99 -0.71 0.00	34.98 -0.82 0.00	41.13 -1.04 0.00	43.54 -1.11 0.00	41.40 -1.14 0.00	41.00 -1.18 0.00	31.21 -0.87 0.00	27.28 -0.76 0.00	33.61 -0.92 0.00	39.96 -1.04 0.00	38.87 -1.00 0.00	36.33 -0.96 0.00	45.38 -1.17 0.00	41.27 -0.90 0.00	37.56 -0.76 0.00	38.84 -0.81 0.00	34.36 -0.74 0.00	34.20 -0.74 0.00	32.71 -0.72 0.00	30.92 -0.68 0.00
SITHE_IND_GS2 24170	28.67 -0.76 0.00	27.43 -0.71 0.00	29.59 -0.78 0.00	30.17 -0.77 0.00	28.99 -0.71 0.00	34.98 -0.82 0.00	41.13 -1.04 0.00	43.54 -1.11 0.00	41.40 -1.14 0.00	41.00 -1.18 0.00	31.21 -0.87 0.00	27.28 -0.76 0.00	33.61 -0.92 0.00	39.96 -1.04 0.00	38.87 -1.00 0.00	36.33 -0.96 0.00	45.38 -1.17 0.00	41.27 -0.90 0.00	37.56 -0.76 0.00	38.84 -0.81 0.00	34.36 -0.74 0.00	34.20 -0.74 0.00	32.71 -0.72 0.00	30.92 -0.68 0.00
SITHE_IND_GS3 24171	28.67 -0.76 0.00	27.43 -0.71 0.00	29.59 -0.78 0.00	30.17 -0.77 0.00	28.99 -0.71 0.00	34.98 -0.82 0.00	41.13 -1.04 0.00	43.54 -1.11 0.00	41.40 -1.14 0.00	41.00 -1.18 0.00	31.21 -0.87 0.00	27.28 -0.76 0.00	33.61 -0.92 0.00	39.96 -1.04 0.00	38.87 -1.00 0.00	36.33 -0.96 0.00	45.38 -1.17 0.00	41.27 -0.90 0.00	37.56 -0.76 0.00	38.84 -0.81 0.00	34.36 -0.74 0.00	34.20 -0.74 0.00	32.71 -0.72 0.00	30.92 -0.68 0.00
SITHE_IND_GS4 24172	28.67 -0.76 0.00	27.43 -0.71 0.00	29.59 -0.78 0.00	30.17 -0.77 0.00	28.99 -0.71 0.00	34.98 -0.82 0.00	41.13 -1.04 0.00	43.54 -1.11 0.00	41.40 -1.14 0.00	41.00 -1.18 0.00	31.21 -0.87 0.00	27.28 -0.76 0.00	33.61 -0.92 0.00	39.96 -1.04 0.00	38.87 -1.00 0.00	36.33 -0.96 0.00	45.38 -1.17 0.00	41.27 -0.90 0.00	37.56 -0.76 0.00	38.84 -0.81 0.00	34.36 -0.74 0.00	34.20 -0.74 0.00	32.71 -0.72 0.00	30.92 -0.68 0.00

SITHE___BATAVIA 24024	29.56 0.13 0.00	28.39 0.25 0.00	30.64 0.27 0.00	31.32 0.38 0.00	30.21 0.50 0.00	36.55 0.75 0.00	42.24 0.07 0.00	44.65 0.00 0.00	42.53 0.00 0.00	42.16 -0.01 0.00	32.24 0.15 0.00	27.91 -0.12 0.00	35.78 1.24 0.00	41.67 0.68 0.00	40.43 0.57 0.00	37.80 0.51 0.00	46.94 0.40 0.00	43.13 0.96 0.00	39.78 1.46 0.00	40.97 1.31 0.00	36.17 1.07 0.00	35.92 0.98 0.00	34.28 0.85 0.00	32.81 1.21 0.00
SITHE___INDEPEND 23800	28.67 -0.76 0.00	27.43 -0.71 0.00	29.59 -0.78 0.00	30.17 -0.78 0.00	28.99 -0.71 0.00	34.98 -0.82 0.00	41.13 -1.04 0.00	43.54 -1.11 0.00	41.39 -1.14 0.00	41.00 -1.18 0.00	31.21 -0.87 0.00	27.28 -0.76 0.00	33.62 -0.92 0.00	39.95 -1.04 0.00	38.87 -1.00 0.00	36.33 -0.96 0.00	45.38 -1.17 0.00	41.27 -0.90 0.00	37.56 -0.76 0.00	38.84 -0.81 0.00	34.36 -0.74 0.00	34.20 -0.74 0.00	32.71 -0.72 0.00	30.93 -0.67 0.00
SITHE___MASSENA 23902	364.47 0.51 -334.54	29.48 0.37 -0.97	127.81 0.51 -96.93	31.44 0.50 0.00	30.09 0.39 0.00	36.19 0.39 0.00	44.77 0.66 -1.94	53.64 0.74 -8.25	43.17 0.64 0.00	42.75 0.58 0.00	32.48 0.40 0.00	28.30 0.27 0.00	34.84 0.30 0.00	41.52 0.52 0.00	40.35 0.49 0.00	37.75 0.46 0.00	47.15 0.61 0.00	42.66 0.46 -0.02	274.41 0.54 -235.54	850.82 -0.51 -810.66	119.88 0.61 -84.17	84.20 0.50 -48.76	33.74 0.30 -0.01	31.91 0.31 0.00
SITHE___OGDNSBRG 24021	301.57 1.13 -271.01	29.85 0.92 -0.78	110.05 1.15 -78.52	32.07 1.13 0.00	30.70 1.00 0.00	36.98 1.18 0.00	45.46 1.71 -1.58	53.23 1.90 -6.68	43.84 1.31 0.00	43.04 0.86 0.00	32.65 0.57 0.00	28.43 0.40 0.00	34.99 0.45 0.00	41.71 0.72 0.00	40.49 0.63 0.00	37.86 0.57 0.00	47.30 0.76 0.00	42.89 0.70 -0.02	230.30 1.16 -190.81	697.86 1.48 -656.72	104.81 1.53 -68.19	75.83 1.39 -39.50	34.51 1.07 -0.01	32.60 1.00 0.00
SITHE___STERLING 23777	44.65 0.90 -14.32	29.03 0.85 -0.04	35.40 0.88 -4.15	31.86 0.92 0.00	30.62 0.92 0.00	37.00 1.20 0.00	43.77 1.52 -0.08	46.62 1.62 -0.35	43.70 1.17 0.00	43.00 0.83 0.00	32.64 0.55 0.00	28.57 0.53 0.00	35.18 0.64 0.00	41.79 0.80 0.00	40.72 0.86 0.00	38.12 0.84 0.00	47.82 1.28 0.00	43.81 1.63 0.00	50.15 1.74 -10.08	76.16 1.80 -34.71	40.26 1.56 -3.60	38.47 1.45 -2.09	34.71 1.27 0.00	32.66 1.06 0.00
SLEIGHT__34_KV_TB1 80719	29.06 -0.37 0.00	27.83 -0.31 0.00	30.03 -0.34 0.00	30.66 -0.28 0.00	29.52 -0.18 0.00	35.72 -0.07 0.00	41.81 -0.36 0.00	44.27 -0.38 0.00	42.06 -0.48 0.00	41.63 -0.55 0.00	31.73 -0.35 0.00	27.65 -0.38 0.00	34.10 -0.45 0.00	40.76 -0.23 0.00	39.72 -0.14 0.00	37.10 -0.18 0.00	46.40 -0.14 0.00	42.47 0.30 0.00	38.88 0.56 0.00	40.12 0.46 0.00	35.43 0.33 0.00	35.13 0.19 0.00	33.53 0.09 0.00	31.77 0.17 0.00
SMITHTWN_69_KV_BK 1 55830	30.69 1.25 0.00	29.09 0.95 0.00	31.27 0.89 0.00	31.80 0.86 0.00	30.52 0.82 0.00	36.88 1.09 0.00	43.32 1.15 0.00	45.94 1.29 0.00	43.99 1.46 0.00	43.90 1.73 0.00	33.80 1.55 -0.17	31.94 1.61 -2.30	37.28 2.12 -0.62	44.96 2.48 -1.49	43.20 2.10 -1.24	38.89 1.61 0.00	48.01 1.48 0.00	43.41 1.24 0.00	39.49 1.16 0.00	41.05 1.40 0.00	36.17 1.07 0.00	36.28 1.34 0.00	34.91 1.47 0.00	32.72 1.12 0.00
SOUTH CAIRO___GT 23612	30.60 1.17 0.00	29.32 1.18 0.00	31.57 1.19 0.00	32.12 1.17 0.00	30.89 1.19 0.00	37.27 1.48 0.00	44.08 1.91 0.00	46.81 2.16 0.00	44.30 1.76 0.00	43.42 1.25 0.00	32.83 0.75 0.00	28.43 0.40 0.00	34.92 0.38 0.00	41.46 0.47 0.00	40.33 0.46 0.00	37.75 0.47 0.00	47.14 0.60 0.00	43.13 0.95 0.00	39.34 1.01 0.00	40.95 1.30 0.00	36.28 1.18 0.00	36.07 1.13 0.00	34.48 1.05 0.00	32.58 0.98 0.00
SOUTH HAMPTN___IC 23720	30.66 1.23 0.00	29.06 0.92 0.00	31.29 0.91 0.00	31.83 0.89 0.00	30.52 0.82 0.00	36.91 1.11 0.00	43.32 1.15 0.00	45.95 1.30 0.00	43.88 1.34 0.00	43.68 1.50 0.00	33.56 1.31 -0.17	6.00 1.35 23.39	34.97 1.84 1.41	36.97 2.09 6.10	29.47 1.75 12.15	38.67 1.40 0.01	47.77 1.23 0.00	43.20 1.03 0.00	39.32 0.99 0.00	40.95 1.30 0.00	35.99 0.89 0.00	35.95 1.02 0.00	34.54 1.11 0.00	32.34 0.74 0.00
SOUTHDOW_115KV_TB1 355954	29.08 -0.35 0.00	27.90 -0.24 0.00	30.01 -0.36 0.00	30.75 -0.20 0.00	29.76 0.06 0.00	36.15 0.35 0.00	41.93 -0.24 0.00	44.68 0.03 0.00	42.73 0.19 0.00	42.85 0.67 0.00	32.99 0.91 0.00	28.70 0.67 0.00	35.64 1.10 0.00	42.62 1.63 0.00	41.36 1.50 0.00	38.27 0.99 0.00	47.71 1.17 0.00	43.60 1.42 0.00	39.78 1.46 0.00	40.65 1.00 0.00	35.84 0.74 0.00	35.68 0.74 0.00	34.09 0.66 0.00	32.56 0.96 0.00
SOUTHOLD_69_KV_BK 2 55809	30.99 1.56 0.00	29.38 1.24 0.00	31.71 1.34 0.00	32.28 1.34 0.00	30.90 1.20 0.00	37.37 1.57 0.00	43.81 1.65 0.00	46.45 1.80 0.00	44.26 1.73 0.00	43.94 1.77 0.00	33.67 1.42 -0.17	5.46 1.36 23.93	34.94 1.85 1.45	36.86 2.13 6.27	29.26 1.83 12.43	38.86 1.59 0.01	47.90 1.36 0.00	43.37 1.20 0.00	39.49 1.16 0.00	41.20 1.55 0.00	36.09 0.99 0.00	35.86 0.92 0.00	34.44 1.01 0.00	32.20 0.60 0.00
SOUTHOLD___IC 23719	31.00 1.57 0.00	29.38 1.24 0.00	31.71 1.34 0.00	32.28 1.34 0.00	30.90 1.20 0.00	37.37 1.57 0.00	43.81 1.64 0.00	46.46 1.81 0.00	44.26 1.73 0.00	43.94 1.76 0.00	33.67 1.42 -0.17	5.45 1.35 23.93	34.93 1.85 1.45	36.85 2.13 6.27	29.26 1.82 12.43	38.86 1.59 0.01	47.90 1.36 0.00	43.37 1.20 0.00	39.49 1.16 0.00	41.20 1.55 0.00	36.10 1.00 0.00	35.86 0.92 0.00	34.43 1.00 0.00	32.20 0.60 0.00
SOUTH_FORK_WT_PWR 323839	30.95 1.52 0.00	29.34 1.20 0.00	31.74 1.36 0.00	32.31 1.37 0.00	30.90 1.20 0.00	37.36 1.56 0.00	43.73 1.56 0.00	46.35 1.70 0.00	44.09 1.55 0.00	43.65 1.48 0.00	33.40 1.15 -0.17	5.45 1.06 23.64	34.55 1.44 1.43	36.48 1.66 6.18	28.98 1.40 12.28	38.58 1.30 0.01	47.47 0.93 0.00	42.99 0.81 0.00	39.13 0.81 0.00	40.87 1.22 0.00	35.74 0.64 0.00	35.40 0.46 0.00	34.00 0.57 0.00	31.79 0.19 0.00
SPIERFLS_115KV_TB 1 80737	30.89 1.46 0.00	29.36 1.22 0.00	31.77 1.40 0.00	32.32 1.37 0.00	31.11 1.40 0.00	37.65 1.85 0.00	44.39 2.22 0.00	47.00 2.35 0.00	44.27 1.74 0.00	43.57 1.40 0.00	32.62 0.72 0.17	28.53 0.54 0.05	34.84 0.73 0.44	41.02 0.85 0.82	40.71 0.91 0.07	38.37 1.09 0.00	48.21 1.67 0.00	43.86 1.69 0.00	40.13 1.81 0.00	41.68 2.03 0.00	36.99 1.89 0.00	36.78 1.84 0.00	35.37 1.94 0.00	33.03 1.43 0.00
ST LAWRENCE____ 23600	3.76 0.07 25.74	28.07 0.01 0.08	22.99 0.07 7.46	31.01 0.06 0.00	29.68 -0.02 0.00	35.71 -0.09 0.00	42.05 0.04 0.15	44.07 0.07 0.65	42.65 0.11 0.00	42.32 0.15 0.00	32.18 0.10 0.00	28.04 0.00 0.00	34.53 -0.01 0.00	41.12 0.13 0.00	40.00 0.14 0.00	37.42 0.14 0.00	46.72 0.18 0.00	42.19 0.02 0.00	20.26 0.07 18.13	-22.75 -0.01 62.39	28.70 0.07 6.48	31.15 -0.01 3.78	33.30 -0.13 0.00	31.51 -0.10 0.00

STATE_CA_115KV_115_LB 55624	29.76 0.33 0.00	28.48 0.34 0.00	30.69 0.31 0.00	31.14 0.20 0.00	29.97 0.27 0.00	36.09 0.30 0.00	42.53 0.36 0.00	45.04 0.39 0.00	42.90 0.37 0.00	42.45 0.28 0.00	32.14 0.19 0.13	28.18 0.19 0.04	34.32 0.11 0.33	40.42 0.06 0.63	39.92 0.11 0.05	37.48 0.19 0.00	46.71 0.17 0.00	42.25 0.08 0.00	38.25 -0.07 0.00	39.67 0.01 0.00	35.15 0.06 0.00	35.09 0.15 0.00	33.66 0.22 0.00	31.82 0.21 0.00
STATE_ST_34_KV_LOAD 55959	34.01 0.03 -4.55	28.21 0.06 -0.01	31.74 0.05 -1.32	31.03 0.08 0.00	29.84 0.14 0.00	36.08 0.28 0.00	42.38 0.18 -0.03	44.91 0.15 -0.11	42.45 -0.08 0.00	41.89 -0.28 0.00	31.90 -0.18 0.00	27.85 -0.18 0.00	34.37 -0.17 0.00	40.90 -0.09 0.00	39.84 -0.02 0.00	37.27 -0.02 0.00	46.60 0.06 0.00	42.69 0.52 0.00	42.19 0.67 -3.20	51.33 0.66 -11.02	36.81 0.56 -1.14	36.12 0.52 -0.66	33.85 0.42 0.00	32.02 0.42 0.00
STATION_5_MISC_HYD 23604	29.20 -0.23 0.00	27.99 -0.15 0.00	30.21 -0.17 0.00	30.86 -0.08 0.00	29.73 0.03 0.00	35.96 0.16 0.00	41.89 -0.27 0.00	44.32 -0.33 0.00	42.21 -0.32 0.00	42.00 -0.18 0.00	32.14 0.06 0.00	27.96 -0.07 0.00	34.49 -0.05 0.00	41.33 0.34 0.00	40.29 0.42 0.00	37.54 0.25 0.00	46.91 0.37 0.00	42.91 0.73 0.00	39.24 0.92 0.00	40.37 0.72 0.00	35.63 0.53 0.00	35.38 0.44 0.00	33.79 0.35 0.00	32.12 0.52 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.79 0.35 0.00	28.51 0.37 0.00	30.75 0.38 0.00	31.39 0.45 0.00	30.23 0.53 0.00	36.60 0.80 0.00	42.89 0.72 0.00	45.39 0.74 0.00	43.13 0.59 0.00	42.74 0.57 0.00	32.65 0.57 0.00	28.46 0.43 0.00	35.03 0.49 0.00	42.00 1.01 0.00	40.97 1.11 0.00	38.25 0.97 0.00	47.92 1.38 0.00	43.86 1.69 0.00	40.15 1.82 0.00	41.37 1.72 0.00	36.49 1.39 0.00	36.25 1.31 0.00	34.62 1.19 0.00	32.78 1.18 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.03 -0.40 0.00	27.83 -0.31 0.00	30.04 -0.34 0.00	30.68 -0.26 0.00	29.56 -0.14 0.00	35.74 -0.06 0.00	41.67 -0.50 0.00	44.10 -0.55 0.00	41.99 -0.54 0.00	41.76 -0.41 0.00	31.96 -0.12 0.00	27.81 -0.22 0.00	34.29 -0.25 0.00	41.10 0.11 0.00	40.04 0.18 0.00	37.33 0.04 0.00	46.66 0.12 0.00	42.67 0.50 0.00	39.01 0.69 0.00	40.14 0.49 0.00	35.42 0.32 0.00	35.15 0.21 0.00	33.56 0.13 0.00	31.89 0.29 0.00
STA_56___34_KV_BUS2 355983	29.03 -0.40 0.00	27.83 -0.31 0.00	30.04 -0.34 0.00	30.68 -0.26 0.00	29.56 -0.14 0.00	35.74 -0.06 0.00	41.67 -0.50 0.00	44.10 -0.55 0.00	41.99 -0.54 0.00	41.76 -0.41 0.00	31.96 -0.12 0.00	27.81 -0.22 0.00	34.29 -0.25 0.00	41.10 0.11 0.00	40.04 0.18 0.00	37.33 0.04 0.00	46.66 0.12 0.00	42.67 0.50 0.00	39.01 0.69 0.00	40.14 0.49 0.00	35.42 0.32 0.00	35.15 0.21 0.00	33.56 0.13 0.00	31.89 0.29 0.00
STA_67___115KV_BK2 355882	29.14 -0.29 0.00	27.93 -0.20 0.00	30.15 -0.23 0.00	30.80 -0.14 0.00	29.68 -0.03 0.00	35.89 0.09 0.00	41.80 -0.37 0.00	44.23 -0.42 0.00	42.12 -0.41 0.00	41.90 -0.27 0.00	32.08 -0.01 0.00	27.90 -0.14 0.00	34.42 -0.12 0.00	41.23 0.24 0.00	40.18 0.32 0.00	37.44 0.16 0.00	46.78 0.24 0.00	42.78 0.61 0.00	39.13 0.80 0.00	40.26 0.61 0.00	35.53 0.43 0.00	35.28 0.34 0.00	33.71 0.28 0.00	32.05 0.45 0.00
STA_7___115KV_9TRANS 80674	29.39 -0.04 0.00	28.15 0.02 0.00	30.38 0.01 0.00	31.03 0.08 0.00	29.88 0.18 0.00	36.17 0.37 0.00	42.16 -0.01 0.00	44.62 -0.03 0.00	42.49 -0.04 0.00	42.27 0.10 0.00	32.37 0.29 0.00	28.16 0.12 0.00	34.71 0.17 0.00	41.67 0.68 0.00	40.61 0.74 0.00	37.85 0.57 0.00	47.33 0.79 0.00	43.32 1.15 0.00	39.65 1.33 0.00	40.76 1.11 0.00	35.96 0.86 0.00	35.68 0.73 0.00	34.05 0.63 0.00	32.35 0.75 0.00
STA_82___115KV_TB1 80780	29.15 -0.28 0.00	27.95 -0.19 0.00	30.17 -0.21 0.00	30.82 -0.12 0.00	29.69 -0.01 0.00	35.91 0.11 0.00	41.83 -0.34 0.00	44.25 -0.40 0.00	42.16 -0.38 0.00	41.92 -0.26 0.00	32.08 0.00 0.00	27.91 -0.13 0.00	34.44 -0.10 0.00	41.25 0.26 0.00	40.19 0.33 0.00	37.45 0.17 0.00	46.80 0.26 0.00	42.79 0.62 0.00	39.16 0.84 0.00	40.29 0.63 0.00	35.56 0.46 0.00	35.31 0.37 0.00	33.72 0.30 0.00	32.07 0.47 0.00
STEEL___WIND 323596	28.74 -0.69 0.00	27.65 -0.49 0.00	29.87 -0.51 0.00	30.57 -0.38 0.00	29.49 -0.21 0.00	35.60 -0.20 0.00	40.84 -1.33 0.00	43.15 -1.50 0.00	41.31 -1.22 0.00	41.36 -0.82 0.00	31.84 -0.24 0.00	27.52 -0.51 0.00	34.21 -0.33 0.00	40.97 -0.02 0.00	39.92 0.05 0.00	37.07 -0.21 0.00	46.18 -0.36 0.00	42.24 0.07 0.00	38.59 0.26 0.00	39.49 -0.16 0.00	34.94 -0.16 0.00	34.77 -0.17 0.00	33.28 -0.15 0.00	32.03 0.42 0.00
STEPHTWN_115KV_BK_2 55603	29.92 0.49 0.00	28.62 0.47 0.00	30.88 0.50 0.00	31.35 0.41 0.00	30.17 0.47 0.00	36.35 0.55 0.00	42.85 0.68 0.00	45.37 0.72 0.00	43.16 0.63 0.00	42.74 0.57 0.00	32.29 0.34 0.13	28.34 0.35 0.04	34.49 0.28 0.34	40.55 0.18 0.63	40.11 0.30 0.05	37.63 0.35 0.00	46.87 0.33 0.00	42.45 0.27 0.00	38.36 0.03 0.00	39.85 0.19 0.00	35.29 0.19 0.00	35.16 0.22 0.00	33.73 0.29 0.00	31.88 0.28 0.00
STEUBEN_REC_LFGE 323667	28.78 -0.65 0.00	27.71 -0.43 0.00	30.15 -0.23 0.00	30.98 0.04 0.00	29.88 0.17 0.00	36.12 0.32 0.00	42.18 0.01 0.00	44.65 0.00 0.00	42.07 -0.46 0.00	41.46 -0.71 0.00	31.72 -0.36 0.00	27.57 -0.47 0.00	34.16 -0.38 0.00	40.81 -0.18 0.00	39.77 -0.09 0.00	37.01 -0.27 0.00	46.27 -0.27 0.00	42.64 0.47 0.00	39.20 0.88 0.00	40.42 0.77 0.00	35.71 0.61 0.00	35.56 0.62 0.00	33.79 0.35 0.00	32.24 0.63 0.00
STILLWATER___SOLAR 323814	30.73 1.30 0.00	29.29 1.15 0.00	31.65 1.28 0.00	32.22 1.28 0.00	30.99 1.29 0.00	37.42 1.63 0.00	44.12 1.95 0.00	46.67 2.02 0.00	44.17 1.63 0.00	43.55 1.38 0.00	32.68 0.78 0.18	28.64 0.65 0.05	34.93 0.85 0.46	41.07 0.93 0.86	40.76 0.97 0.07	38.38 1.09 0.00	48.09 1.55 0.00	43.72 1.54 0.00	39.79 1.47 0.00	41.28 1.63 0.00	36.61 1.52 0.00	36.44 1.50 0.00	34.99 1.56 0.00	32.91 1.31 0.00
STONY___BROOK 24151	30.64 1.21 0.00	29.05 0.91 0.00	31.22 0.85 0.00	31.75 0.81 0.00	30.47 0.78 0.00	36.84 1.05 0.00	43.28 1.11 0.00	45.91 1.27 0.00	43.95 1.42 0.00	43.85 1.68 0.00	33.74 1.49 -0.17	31.21 1.55 -1.63	37.18 2.07 -0.56	44.68 2.40 -1.29	42.79 2.04 -0.89	38.86 1.57 0.00	47.99 1.45 0.00	43.38 1.20 0.00	39.47 1.14 0.00	41.05 1.40 0.00	36.16 1.06 0.00	36.25 1.31 0.00	34.86 1.43 0.00	32.68 1.08 0.00
STURGEON_POOL_HYD 23609	30.39 0.95 0.00	28.99 0.85 0.00	31.24 0.86 0.00	31.79 0.85 0.00	30.53 0.82 0.00	36.85 1.05 0.00	43.45 1.28 0.00	46.03 1.38 0.00	43.97 1.44 0.00	43.72 1.55 0.00	33.43 1.27 -0.08	29.32 1.26 -0.02	36.35 1.60 -0.21	43.05 1.67 -0.40	41.39 1.49 -0.03	38.75 1.47 0.00	48.26 1.72 0.00	43.61 1.44 0.00	39.51 1.19 0.00	40.98 1.33 0.00	36.28 1.18 0.00	36.13 1.19 0.00	34.67 1.23 0.00	32.67 1.07 0.00

ST_LAW_115_BK7_LBMP 345037	-5.67 0.08 35.17	28.03 -0.01 0.10	20.27 0.08 10.19	31.01 0.07 0.00	29.67 -0.03 0.00	35.70 -0.10 0.00	42.01 0.04 0.20	43.86 0.08 0.87	42.65 0.12 0.00	42.32 0.15 0.00	32.18 0.10 0.00	28.03 0.00 0.00	34.52 -0.02 0.00	41.11 0.12 0.00	39.99 0.13 0.00	37.41 0.13 0.00	46.70 0.16 0.00	42.17 0.00 0.00	13.64 0.08 24.77	-45.60 -0.02 85.24	26.34 0.09 8.85	29.80 -0.01 5.13	33.27 -0.15 0.00	31.49 -0.11 0.00
ST_LAW_115_BK8_LBMP 345038	-5.67 0.08 35.17	28.03 -0.01 0.10	20.27 0.08 10.19	31.01 0.07 0.00	29.67 -0.03 0.00	35.70 -0.10 0.00	42.01 0.04 0.20	43.86 0.08 0.87	42.65 0.12 0.00	42.32 0.15 0.00	32.18 0.10 0.00	28.03 0.00 0.00	34.52 -0.02 0.00	41.11 0.12 0.00	39.99 0.13 0.00	37.41 0.13 0.00	46.70 0.16 0.00	42.17 0.00 0.00	13.64 0.08 24.77	-45.60 -0.02 85.24	26.34 0.09 8.85	29.80 -0.01 5.13	33.27 -0.15 0.00	31.49 -0.11 0.00
ST_LAW_230_BK5_LBMP 345035	8.87 0.07 20.63	28.09 0.01 0.06	24.47 0.07 5.98	31.01 0.06 0.00	29.68 -0.02 0.00	35.71 -0.09 0.00	42.09 0.04 0.12	44.21 0.07 0.51	42.65 0.11 0.00	42.32 0.15 0.00	32.18 0.10 0.00	28.04 0.00 0.00	34.53 -0.01 0.00	41.12 0.13 0.00	40.00 0.14 0.00	37.42 0.14 0.00	46.72 0.18 0.00	42.20 0.02 0.00	23.87 0.07 14.52	-10.34 -0.01 49.98	29.98 0.07 5.19	31.92 -0.01 3.01	33.30 -0.13 0.00	31.51 -0.10 0.00
ST_LAW_230_BK6_LBMP 345036	8.87 0.07 20.63	28.09 0.01 0.06	24.47 0.07 5.98	31.01 0.06 0.00	29.68 -0.02 0.00	35.71 -0.09 0.00	42.09 0.04 0.12	44.21 0.07 0.51	42.65 0.11 0.00	42.32 0.15 0.00	32.18 0.10 0.00	28.04 0.00 0.00	34.53 -0.01 0.00	41.12 0.13 0.00	40.00 0.14 0.00	37.42 0.14 0.00	46.72 0.18 0.00	42.20 0.02 0.00	23.87 0.07 14.52	-10.34 -0.01 49.98	29.98 0.07 5.19	31.92 -0.01 3.01	33.30 -0.13 0.00	31.51 -0.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	30.18 0.75 0.00	28.78 0.64 0.00	31.03 0.66 0.00	31.60 0.65 0.00	30.35 0.64 0.00	36.67 0.88 0.00	43.15 0.98 0.00	45.66 1.02 0.00	43.60 1.07 0.00	43.38 1.21 0.00	33.24 1.02 -0.14	29.14 1.06 -0.04	36.22 1.31 -0.37	43.06 1.38 -0.69	41.24 1.33 -0.06	38.50 1.21 0.00	47.93 1.39 0.00	43.34 1.17 0.00	39.25 0.93 0.00	40.64 0.99 0.00	35.91 0.82 0.00	35.81 0.87 0.00	34.36 0.93 0.00	32.35 0.75 0.00
SWANROAD_115KV_TB1 355699	28.26 -1.17 0.00	27.23 -0.91 0.00	29.41 -0.96 0.00	30.08 -0.86 0.00	29.04 -0.66 0.00	35.03 -0.77 0.00	39.92 -2.25 0.00	41.98 -2.66 0.00	40.22 -2.31 0.00	40.33 -1.84 0.00	31.05 -1.03 0.00	26.77 -1.27 0.00	33.41 -1.13 0.00	39.94 -1.05 0.00	38.83 -1.03 0.00	35.95 -1.33 0.00	44.70 -1.84 0.00	40.87 -1.30 0.00	37.50 -0.82 0.00	38.35 -1.30 0.00	33.92 -1.18 0.00	33.83 -1.11 0.00	32.41 -1.02 0.00	31.37 -0.23 0.00
SYNERGY___BIOGAS 323694	29.56 0.13 0.00	28.38 0.24 0.00	30.64 0.27 0.00	31.32 0.38 0.00	30.20 0.50 0.00	36.55 0.75 0.00	42.24 0.07 0.00	44.65 0.00 0.00	42.53 0.00 0.00	42.16 -0.02 0.00	32.23 0.15 0.00	27.91 -0.12 0.00	35.79 1.25 0.00	41.69 0.70 0.00	40.43 0.57 0.00	37.80 0.51 0.00	46.93 0.39 0.00	43.13 0.96 0.00	39.78 1.46 0.00	40.97 1.32 0.00	36.17 1.07 0.00	35.92 0.98 0.00	34.28 0.85 0.00	32.80 1.20 0.00
SYRACUSE___ENERGY_ST1 323597	34.97 -0.09 -5.63	28.08 -0.07 -0.02	31.90 -0.10 -1.63	30.86 -0.07 0.00	29.68 -0.02 0.00	35.83 0.03 0.00	42.11 -0.09 -0.03	44.68 -0.10 -0.13	42.13 -0.40 0.00	41.64 -0.53 0.00	31.72 -0.36 0.00	27.72 -0.32 0.00	34.20 -0.34 0.00	40.67 -0.32 0.00	39.60 -0.26 0.00	37.02 -0.27 0.00	46.30 -0.24 0.00	42.38 0.21 0.00	42.65 0.36 -3.96	53.62 0.33 -13.64	36.77 0.26 -1.42	35.97 0.21 -0.82	33.60 0.17 0.00	31.76 0.16 0.00
SYRACUSE___ENERGY_ST2 323598	34.97 -0.09 -5.63	28.08 -0.07 -0.02	31.90 -0.10 -1.63	30.86 -0.07 0.00	29.68 -0.02 0.00	35.83 0.03 0.00	42.11 -0.09 -0.03	44.68 -0.10 -0.13	42.13 -0.40 0.00	41.64 -0.53 0.00	31.72 -0.36 0.00	27.72 -0.32 0.00	34.20 -0.34 0.00	40.67 -0.32 0.00	39.60 -0.26 0.00	37.02 -0.27 0.00	46.30 -0.24 0.00	42.38 0.21 0.00	42.65 0.36 -3.96	53.62 0.33 -13.64	36.77 0.26 -1.42	35.97 0.21 -0.82	33.60 0.17 0.00	31.76 0.16 0.00
SYRACUSE___POWER 24017	35.49 -0.06 -6.12	28.11 -0.05 -0.02	32.07 -0.08 -1.77	30.88 -0.06 0.00	29.70 -0.01 0.00	35.86 0.07 0.00	42.20 0.00 -0.04	44.78 -0.02 -0.15	42.34 -0.19 0.00	41.89 -0.28 0.00	31.91 -0.17 0.00	27.88 -0.15 0.00	34.41 -0.14 0.00	40.91 -0.08 0.00	39.84 -0.02 0.00	37.22 -0.07 0.00	46.50 -0.04 0.00	42.45 0.27 0.00	42.99 0.36 -4.31	54.81 0.34 -14.82	36.89 0.25 -1.54	36.04 0.21 -0.89	33.61 0.17 0.00	31.75 0.15 0.00
TALLMAN__138KV_BK151 55660	30.28 0.85 0.00	28.86 0.73 0.00	31.12 0.74 0.00	31.70 0.76 0.00	30.42 0.72 0.00	36.81 1.01 0.00	43.29 1.12 0.00	45.82 1.16 0.00	43.73 1.20 0.00	43.54 1.36 0.00	33.39 1.16 -0.15	29.29 1.21 -0.04	36.45 1.52 -0.39	43.30 1.57 -0.73	41.47 1.55 -0.06	38.68 1.40 0.00	48.11 1.57 0.00	43.49 1.32 0.00	39.37 1.05 0.00	40.80 1.15 0.00	36.03 0.93 0.00	35.94 1.01 0.00	34.51 1.08 0.00	32.48 0.87 0.00
TEALLAVE_115KV_TB7 355573	36.25 -0.16 -6.98	28.02 -0.13 -0.02	32.23 -0.17 -2.02	30.79 -0.16 0.00	29.61 -0.10 0.00	35.75 -0.04 0.00	42.08 -0.13 -0.04	44.67 -0.15 -0.17	42.25 -0.28 0.00	41.84 -0.34 0.00	31.88 -0.20 0.00	27.86 -0.17 0.00	34.37 -0.17 0.00	40.89 -0.10 0.00	39.80 -0.06 0.00	37.15 -0.13 0.00	46.40 -0.13 0.00	42.30 0.13 0.00	43.44 0.20 -4.91	56.71 0.15 -16.91	36.94 0.08 -1.76	36.00 0.04 -1.02	33.46 0.03 0.00	31.63 0.02 0.00
TELGRAPH_34_KV_EAST 80808	29.00 -0.43 0.00	27.87 -0.27 0.00	30.10 -0.28 0.00	30.77 -0.17 0.00	29.68 -0.02 0.00	35.87 0.07 0.00	41.23 -0.94 0.00	43.53 -1.12 0.00	41.57 -0.97 0.00	41.43 -0.74 0.00	31.81 -0.27 0.00	27.49 -0.55 0.00	34.25 -0.28 0.00	40.93 -0.06 0.00	39.81 -0.05 0.00	36.96 -0.32 0.00	46.06 -0.48 0.00	42.22 0.05 0.00	38.81 0.48 0.00	39.83 0.18 0.00	35.21 0.12 0.00	35.03 0.10 0.00	33.48 0.05 0.00	32.17 0.57 0.00
TEMPLE___115KV_TB 2 55572	36.06 -0.16 -6.80	28.02 -0.14 -0.02	32.17 -0.17 -1.97	30.79 -0.16 0.00	29.60 -0.10 0.00	35.75 -0.04 0.00	42.07 -0.14 -0.04	44.66 -0.15 -0.17	42.25 -0.28 0.00	41.84 -0.33 0.00	31.88 -0.20 0.00	27.87 -0.16 0.00	34.39 -0.15 0.00	40.90 -0.09 0.00	39.81 -0.05 0.00	37.17 -0.12 0.00	46.42 -0.12 0.00	42.32 0.15 0.00	43.31 0.20 -4.79	56.28 0.15 -16.47	36.90 0.09 -1.71	35.98 0.05 -0.99	33.47 0.04 0.00	31.63 0.03 0.00
TIANA____69_KV_BK 1 55817	30.59 1.16 0.00	28.99 0.85 0.00	31.20 0.82 0.00	31.73 0.79 0.00	30.44 0.73 0.00	36.81 1.01 0.00	43.24 1.07 0.00	45.85 1.20 0.00	43.81 1.28 0.00	43.66 1.48 0.00	33.55 1.30 -0.17	5.56 1.36 23.83	34.94 1.84 1.45	36.85 2.10 6.23	29.25 1.77 12.38	38.65 1.37 0.01	47.76 1.22 0.00	43.18 1.01 0.00	39.30 0.98 0.00	40.93 1.28 0.00	36.00 0.90 0.00	36.00 1.06 0.00	34.60 1.17 0.00	32.40 0.79 0.00

TILDEN___115KV_TB1 80814	35.49 -0.06 -6.12	28.11 -0.05 -0.02	32.07 -0.08 -1.77	30.88 -0.06 0.00	29.70 -0.01 0.00	35.86 0.07 0.00	42.20 0.00 -0.04	44.78 -0.02 -0.15	42.34 -0.19 0.00	41.89 -0.28 0.00	31.91 -0.17 0.00	27.88 -0.15 0.00	34.41 -0.14 0.00	40.91 -0.08 0.00	39.84 -0.02 0.00	37.22 -0.07 0.00	46.50 -0.04 0.00	42.45 0.27 0.00	42.99 0.36 -4.31	54.81 0.34 -14.82	36.89 0.25 -1.54	36.04 0.21 -0.89	33.61 0.17 0.00	31.75 0.15 0.00
TRIGEN___CC 323695	30.59 1.16 0.00	29.08 0.94 0.00	31.30 0.92 0.00	31.86 0.92 0.00	30.59 0.88 0.00	36.94 1.15 0.00	43.39 1.22 0.00	45.99 1.34 0.00	43.97 1.44 0.00	43.92 1.75 0.00	33.83 1.58 -0.17	29.67 1.59 -0.05	36.97 1.99 -0.44	43.97 2.16 -0.82	41.85 1.93 -0.07	38.87 1.58 0.00	48.10 1.56 0.00	43.45 1.28 0.00	39.38 1.06 0.00	40.88 1.23 0.00	36.09 1.00 0.00	36.15 1.22 0.00	34.76 1.34 0.00	32.66 1.06 0.00
TRINITY___115KV__4 BK 55933	29.65 0.22 0.00	28.36 0.23 0.00	30.58 0.20 0.00	31.03 0.09 0.00	29.86 0.16 0.00	35.96 0.16 0.00	42.34 0.17 0.00	44.85 0.20 0.00	42.72 0.18 0.00	42.28 0.11 0.00	32.00 0.05 0.13	28.06 0.07 0.04	34.18 -0.03 0.33	40.23 -0.14 0.62	39.70 -0.11 0.05	37.26 -0.02 0.00	46.41 -0.13 0.00	41.96 -0.21 0.00	37.99 -0.34 0.00	39.39 -0.26 0.00	34.94 -0.16 0.00	34.90 -0.04 0.00	33.49 0.06 0.00	31.68 0.07 0.00
UNION___PROCESSING_DRP 323587	29.17 -0.26 0.00	27.96 -0.18 0.00	30.18 -0.20 0.00	30.83 -0.11 0.00	29.70 0.00 0.00	35.93 0.13 0.00	41.84 -0.33 0.00	44.27 -0.38 0.00	42.16 -0.38 0.00	41.93 -0.24 0.00	32.09 0.01 0.00	27.91 -0.12 0.00	34.44 -0.09 0.00	41.26 0.27 0.00	40.21 0.35 0.00	37.47 0.18 0.00	46.81 0.27 0.00	42.81 0.64 0.00	39.17 0.84 0.00	40.31 0.65 0.00	35.58 0.48 0.00	35.32 0.38 0.00	33.74 0.31 0.00	32.08 0.48 0.00
UPPER HUDSON___HYD 24058	30.89 1.46 0.00	29.36 1.22 0.00	31.77 1.40 0.00	32.31 1.37 0.00	31.11 1.40 0.00	37.65 1.85 0.00	44.39 2.21 0.00	47.00 2.35 0.00	44.27 1.74 0.00	43.57 1.40 0.00	32.62 0.71 0.17	28.53 0.54 0.05	34.84 0.73 0.44	41.02 0.85 0.82	40.71 0.91 0.07	38.37 1.08 0.00	48.21 1.67 0.00	43.86 1.69 0.00	40.13 1.81 0.00	41.67 2.02 0.00	36.98 1.89 0.00	36.78 1.84 0.00	35.37 1.94 0.00	33.03 1.43 0.00
UPPER RAQUET___HYD 24056	261.00 0.90 -230.67	29.52 0.71 -0.67	98.09 0.88 -66.83	31.80 0.86 0.00	30.46 0.75 0.00	36.66 0.87 0.00	44.83 1.32 -1.34	51.81 1.48 -5.69	43.63 1.10 0.00	42.97 0.80 0.00	32.59 0.51 0.00	28.40 0.36 0.00	34.94 0.40 0.00	41.60 0.61 0.00	40.34 0.48 0.00	37.74 0.46 0.00	47.17 0.63 0.00	42.82 0.63 -0.01	201.66 0.92 -162.41	599.66 1.04 -558.97	94.21 1.07 -58.04	69.59 1.03 -33.62	34.18 0.75 -0.01	32.29 0.69 0.00
VALLEY44_115KV_TB2 355964	28.61 -0.82 0.00	27.48 -0.66 0.00	29.68 -0.69 0.00	30.46 -0.48 0.00	29.35 -0.36 0.00	35.58 -0.22 0.00	41.13 -1.04 0.00	43.66 -0.99 0.00	41.60 -0.93 0.00	41.67 -0.51 0.00	32.01 -0.07 0.00	27.88 -0.16 0.00	34.59 0.05 0.00	41.27 0.28 0.00	40.06 0.20 0.00	37.02 -0.26 0.00	46.15 -0.39 0.00	42.10 -0.07 0.00	38.37 0.05 0.00	39.43 -0.23 0.00	34.75 -0.34 0.00	34.74 -0.20 0.00	33.49 0.06 0.00	31.96 0.35 0.00
VALLEY___115KV_TB 1-4 80826	35.42 0.46 -5.53	28.57 0.42 -0.02	32.36 0.38 -1.60	31.33 0.38 0.00	30.13 0.43 0.00	36.34 0.54 0.00	42.90 0.70 -0.03	45.51 0.72 -0.14	42.86 0.33 0.00	42.23 0.06 0.00	31.92 -0.16 0.00	27.87 -0.17 0.00	34.44 -0.10 0.00	40.71 -0.29 0.00	39.51 -0.35 0.00	37.15 -0.13 0.00	46.74 0.20 0.00	42.62 0.45 0.00	42.73 0.51 -3.90	53.69 0.63 -13.41	37.06 0.57 -1.39	36.36 0.61 -0.81	33.98 0.55 0.00	32.03 0.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.18 0.75 0.00	28.93 0.79 0.00	31.18 0.81 0.00	31.78 0.84 0.00	30.54 0.83 0.00	36.82 1.02 0.00	43.35 1.18 0.00	45.88 1.23 0.00	43.60 1.07 0.00	43.33 1.16 0.00	33.01 0.93 0.00	28.89 0.86 0.00	35.61 1.07 0.00	42.24 1.25 0.00	41.10 1.24 0.00	38.40 1.11 0.00	47.99 1.46 0.00	43.68 1.50 0.00	39.62 1.29 0.00	40.95 1.30 0.00	36.24 1.14 0.00	36.08 1.14 0.00	34.51 1.08 0.00	32.55 0.95 0.00
VISCHER___FERRY HYD 24020	30.27 0.84 0.00	28.89 0.75 0.00	31.20 0.82 0.00	31.75 0.81 0.00	30.53 0.83 0.00	36.80 1.00 0.00	43.37 1.20 0.00	45.88 1.23 0.00	43.58 1.05 0.00	43.08 0.91 0.00	32.39 0.52 0.21	28.46 0.49 0.06	34.58 0.60 0.55	40.57 0.60 1.03	40.35 0.57 0.08	37.94 0.66 0.00	47.34 0.80 0.00	42.84 0.67 0.00	38.83 0.50 0.00	40.30 0.65 0.00	35.77 0.67 0.00	35.68 0.74 0.00	34.28 0.85 0.00	32.39 0.79 0.00
V_A_10_SYNC_DSASP 323832	28.63 -0.80 0.00	27.52 -0.63 0.00	29.72 -0.65 0.00	30.42 -0.52 0.00	29.33 -0.37 0.00	35.35 -0.45 0.00	40.59 -1.58 0.00	42.86 -1.79 0.00	41.01 -1.52 0.00	41.09 -1.08 0.00	31.60 -0.48 0.00	27.33 -0.70 0.00	33.90 -0.64 0.00	40.62 -0.37 0.00	39.52 -0.34 0.00	36.67 -0.61 0.00	45.64 -0.90 0.00	41.71 -0.46 0.00	38.15 -0.18 0.00	39.09 -0.57 0.00	34.54 -0.56 0.00	34.40 -0.53 0.00	33.00 -0.43 0.00	31.70 0.10 0.00
V_CMM_10_SYNC_DSASP 323787	-5.57 0.18 35.17	28.07 0.03 0.10	20.41 0.23 10.19	31.18 0.24 0.00	29.84 0.13 0.00	35.89 0.09 0.00	42.24 0.27 0.20	44.11 0.33 0.87	42.88 0.34 0.00	42.53 0.36 0.00	32.34 0.26 0.00	28.17 0.14 0.00	34.69 0.15 0.00	41.33 0.34 0.00	40.19 0.33 0.00	37.60 0.32 0.00	46.94 0.40 0.00	42.40 0.23 0.00	13.84 0.28 24.77	-45.54 0.04 85.24	26.47 0.23 8.85	29.99 0.18 5.13	33.45 0.02 0.00	31.67 0.07 0.00
V_CMP_10_SYNC_DSASP 323788	48.85 1.87 -17.55	29.69 1.50 -0.05	37.10 1.64 -5.09	32.50 1.56 0.00	31.28 1.58 0.00	37.79 2.00 0.00	44.92 2.65 -0.10	47.79 2.71 -0.43	44.65 2.11 0.00	44.04 1.87 0.00	33.33 1.25 0.00	29.18 1.15 0.00	36.02 1.48 0.00	42.80 1.81 0.00	41.69 1.82 0.00	39.18 1.90 0.00	49.00 2.46 0.00	44.35 2.18 0.00	52.75 2.07 -12.36	84.51 2.32 -42.53	41.63 2.12 -4.42	39.22 1.73 -2.56	34.79 1.36 0.00	32.84 1.24 0.00
V_D_10_SYNC_DSASP 323841	365.98 0.51 -336.05	29.48 0.37 -0.97	128.24 0.50 -97.37	31.44 0.50 0.00	30.09 0.38 0.00	36.19 0.39 0.00	44.78 0.66 -1.95	53.68 0.74 -8.28	43.17 0.64 0.00	42.75 0.58 0.00	32.49 0.41 0.00	28.31 0.27 0.00	34.85 0.31 0.00	41.52 0.53 0.00	40.36 0.50 0.00	37.76 0.47 0.00	47.16 0.62 0.00	42.66 0.46 -0.02	275.47 0.54 -236.60	854.48 0.51 -814.32	120.26 0.61 -84.55	84.42 0.50 -48.98	33.74 0.30 -0.01	31.92 0.31 0.00
V_E_10_SYNC_DSASP 323830	31.02 1.59 0.00	29.71 1.57 0.00	32.02 1.65 0.00	32.60 1.65 0.00	31.36 1.66 0.00	38.05 2.26 0.00	44.79 2.62 0.00	46.25 1.60 0.00	43.60 1.07 0.00	42.90 0.73 0.00	32.96 0.88 0.00	28.74 0.70 0.00	35.53 0.99 0.00	42.23 1.24 0.00	41.25 1.39 0.00	38.92 1.64 0.00	48.95 2.41 0.00	45.11 2.94 0.00	41.53 3.20 0.00	43.03 3.38 0.00	37.97 2.87 0.00	37.53 2.59 0.00	35.66 2.23 0.00	33.59 1.99 0.00

V_F_30_NSYNC___DSASP 323816	30.77 1.34 0.00	29.33 1.19 0.00	31.69 1.32 0.00	32.26 1.32 0.00	31.02 1.32 0.00	37.46 1.67 0.00	44.17 2.00 0.00	46.73 2.08 0.00	44.23 1.70 0.00	43.64 1.47 0.00	32.77 0.85 0.17	28.71 0.72 0.05	35.05 0.94 0.44	41.21 1.04 0.82	40.88 1.09 0.06	38.47 1.19 0.00	48.21 1.67 0.00	43.82 1.65 0.00	39.88 1.55 0.00	41.37 1.71 0.00	36.68 1.58 0.00	36.50 1.56 0.00	35.03 1.60 0.00	32.95 1.35 0.00
V_F_30_SYNC_DSASP 323786	29.76 0.33 0.00	28.48 0.34 0.00	30.69 0.31 0.00	31.14 0.20 0.00	29.97 0.27 0.00	36.09 0.30 0.00	42.53 0.36 0.00	45.04 0.39 0.00	42.90 0.37 0.00	42.44 0.27 0.00	32.14 0.19 0.13	28.18 0.18 0.04	34.32 0.11 0.33	40.42 0.06 0.63	39.92 0.11 0.05	37.47 0.19 0.00	46.71 0.17 0.00	42.24 0.07 0.00	38.25 -0.07 0.00	39.67 0.01 0.00	35.15 0.05 0.00	35.09 0.15 0.00	33.66 0.22 0.00	31.81 0.21 0.00
V_XM_10_SYNC_DSASP 323789	48.85 1.87 -17.55	29.69 1.50 -0.05	37.10 1.64 -5.09	32.50 1.56 0.00	31.28 1.58 0.00	37.79 2.00 0.00	44.92 2.65 -0.10	47.79 2.71 -0.43	44.65 2.11 0.00	44.04 1.87 0.00	33.33 1.25 0.00	29.18 1.15 0.00	36.02 1.48 0.00	42.80 1.81 0.00	41.69 1.82 0.00	39.18 1.90 0.00	49.00 2.46 0.00	44.35 2.18 0.00	52.75 2.07 -12.36	84.51 2.32 -42.53	41.63 2.12 -4.42	39.22 1.73 -2.56	34.79 1.36 0.00	32.84 1.24 0.00
W.BABYLN_69_KV_BK1 56697	31.00 1.57 0.00	29.40 1.27 0.00	31.63 1.26 0.00	32.18 1.23 0.00	30.88 1.18 0.00	37.32 1.53 0.00	43.84 1.67 0.00	46.50 1.85 0.00	44.50 1.97 0.00	44.41 2.24 0.00	34.22 1.97 -0.17	29.97 1.88 -0.05	37.47 2.49 -0.44	44.65 2.84 -0.82	42.42 2.49 -0.07	39.32 2.04 0.00	48.61 2.07 0.00	43.93 1.75 0.00	39.90 1.57 0.00	41.43 1.78 0.00	36.51 1.41 0.00	36.59 1.65 0.00	35.20 1.77 0.00	33.02 1.42 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	30.46 1.02 0.00	29.02 0.88 0.00	31.28 0.91 0.00	31.86 0.91 0.00	30.59 0.88 0.00	37.01 1.21 0.00	43.55 1.38 0.00	46.10 1.45 0.00	44.01 1.47 0.00	43.82 1.65 0.00	33.62 1.38 -0.15	29.47 1.40 -0.05	36.70 1.76 -0.40	43.60 1.86 -0.75	41.73 1.81 -0.06	38.95 1.66 0.00	48.44 1.90 0.00	43.78 1.61 0.00	39.64 1.31 0.00	41.06 1.41 0.00	36.27 1.18 0.00	36.18 1.24 0.00	34.71 1.28 0.00	32.66 1.06 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	30.64 1.21 0.00	29.17 1.03 0.00	31.41 1.04 0.00	31.95 1.01 0.00	30.68 0.98 0.00	37.09 1.29 0.00	43.66 1.49 0.00	46.18 1.54 0.00	44.21 1.67 0.00	44.07 1.90 0.00	33.90 1.65 -0.17	29.72 1.64 -0.05	37.00 2.02 -0.44	43.96 2.14 -0.82	42.00 2.07 -0.07	39.19 1.91 0.00	48.58 2.05 0.00	43.87 1.70 0.00	39.68 1.36 0.00	41.14 1.48 0.00	36.38 1.28 0.00	36.25 1.31 0.00	34.79 1.36 0.00	32.71 1.11 0.00
W50THST__13_KV_LOAD 356117	30.79 1.36 0.00	29.30 1.16 0.00	31.55 1.17 0.00	32.10 1.15 0.00	30.81 1.11 0.00	37.26 1.46 0.00	43.88 1.71 0.00	46.44 1.79 0.00	44.49 1.96 0.00	44.38 2.21 0.00	34.15 1.90 -0.17	29.94 1.86 -0.05	37.28 2.30 -0.44	44.29 2.48 -0.82	42.31 2.39 -0.07	39.49 2.20 0.00	48.94 2.41 0.00	44.17 2.00 0.00	39.94 1.62 0.00	41.39 1.74 0.00	36.55 1.45 0.00	36.41 1.47 0.00	34.92 1.49 0.00	32.83 1.23 0.00
WADING RIVER_IC_1 23522	30.29 0.87 0.00	28.72 0.58 0.00	30.87 0.50 0.00	31.40 0.47 0.00	30.14 0.44 0.00	36.43 0.63 0.00	42.81 0.64 0.00	45.40 0.75 0.00	43.41 0.87 0.00	43.26 1.09 0.00	33.27 1.02 -0.17	10.70 1.14 18.48	35.06 1.55 1.02	38.09 1.75 4.65	31.70 1.43 9.59	38.31 1.03 0.01	47.33 0.79 0.00	42.77 0.60 0.00	38.93 0.60 0.00	40.53 0.87 0.00	35.68 0.59 0.00	35.76 0.82 0.00	34.38 0.95 0.00	32.22 0.62 0.00
WADING RIVER_IC_2 23547	30.29 0.87 0.00	28.72 0.58 0.00	30.87 0.50 0.00	31.40 0.47 0.00	30.14 0.44 0.00	36.43 0.63 0.00	42.81 0.64 0.00	45.40 0.75 0.00	43.41 0.87 0.00	43.26 1.09 0.00	33.27 1.02 -0.17	10.70 1.14 18.48	35.06 1.55 1.02	38.09 1.75 4.65	31.70 1.43 9.59	38.31 1.03 0.01	47.33 0.79 0.00	42.77 0.60 0.00	38.93 0.60 0.00	40.53 0.87 0.00	35.68 0.59 0.00	35.76 0.82 0.00	34.38 0.95 0.00	32.22 0.62 0.00
WADING RIVER_IC_3 23601	30.29 0.87 0.00	28.72 0.58 0.00	30.87 0.50 0.00	31.40 0.47 0.00	30.14 0.44 0.00	36.43 0.63 0.00	42.81 0.64 0.00	45.40 0.75 0.00	43.41 0.87 0.00	43.26 1.09 0.00	33.27 1.02 -0.17	10.70 1.14 18.48	35.06 1.55 1.02	38.09 1.75 4.65	31.70 1.43 9.59	38.31 1.03 0.01	47.33 0.79 0.00	42.77 0.60 0.00	38.93 0.60 0.00	40.53 0.87 0.00	35.68 0.59 0.00	35.76 0.82 0.00	34.38 0.95 0.00	32.22 0.62 0.00
WALDENNY_12_KV_BK2 80841	28.79 -0.64 0.00	27.69 -0.44 0.00	29.91 -0.47 0.00	30.60 -0.34 0.00	29.52 -0.18 0.00	35.64 -0.15 0.00	40.87 -1.30 0.00	43.19 -1.46 0.00	41.34 -1.19 0.00	41.40 -0.77 0.00	31.89 -0.19 0.00	27.57 -0.47 0.00	34.31 -0.23 0.00	41.10 0.11 0.00	40.01 0.14 0.00	37.13 -0.15 0.00	46.27 -0.27 0.00	42.32 0.15 0.00	38.70 0.38 0.00	39.58 -0.07 0.00	34.99 -0.10 0.00	34.83 -0.11 0.00	33.31 -0.12 0.00	32.07 0.47 0.00
WALDEN___HYDRO 24148	30.30 0.87 0.00	28.89 0.76 0.00	31.14 0.76 0.00	31.69 0.75 0.00	30.44 0.73 0.00	36.78 0.98 0.00	43.31 1.14 0.00	45.85 1.20 0.00	43.79 1.26 0.00	43.55 1.38 0.00	33.35 1.14 -0.13	29.23 1.16 -0.04	36.32 1.43 -0.34	43.16 1.52 -0.65	41.41 1.50 -0.05	38.66 1.38 0.00	48.16 1.62 0.00	43.53 1.36 0.00	39.46 1.13 0.00	40.85 1.20 0.00	36.11 1.01 0.00	35.99 1.05 0.00	34.51 1.08 0.00	32.49 0.89 0.00
WARRENSBURG____ 23737	30.89 1.46 0.00	29.36 1.22 0.00	31.77 1.40 0.00	32.32 1.37 0.00	31.11 1.40 0.00	37.65 1.85 0.00	44.39 2.22 0.00	47.00 2.35 0.00	44.27 1.74 0.00	43.57 1.40 0.00	32.62 0.72 0.17	28.53 0.54 0.05	34.84 0.73 0.44	41.02 0.85 0.82	40.71 0.91 0.07	38.37 1.09 0.00	48.21 1.67 0.00	43.86 1.69 0.00	40.13 1.81 0.00	41.68 2.03 0.00	36.99 1.89 0.00	36.78 1.84 0.00	35.37 1.94 0.00	33.03 1.43 0.00
WATERSIDE___6 8 9 23538	30.64 1.21 0.00	29.14 1.00 0.00	31.40 1.03 0.00	31.95 1.01 0.00	30.68 0.98 0.00	37.06 1.26 0.00	43.60 1.43 0.00	46.10 1.45 0.00	44.17 1.64 0.00	44.02 1.85 0.00	33.87 1.63 -0.17	29.70 1.61 -0.05	36.96 1.97 -0.44	43.91 2.10 -0.82	41.94 2.01 -0.07	39.16 1.87 0.00	48.49 1.96 0.00	43.79 1.62 0.00	39.65 1.32 0.00	41.10 1.45 0.00	36.33 1.32 0.09	36.30 1.36 0.00	34.84 1.41 0.00	32.75 1.15 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.26 0.30 -5.53	28.44 0.29 -0.02	32.23 0.25 -1.60	31.19 0.25 0.00	29.99 0.29 0.00	36.16 0.36 0.00	42.67 0.47 -0.03	45.28 0.49 -0.14	42.74 0.20 0.00	42.19 0.01 0.00	31.94 -0.14 0.00	27.89 -0.15 0.00	34.43 -0.11 0.00	40.74 -0.26 0.00	39.56 -0.30 0.00	37.14 -0.15 0.00	46.60 0.06 0.00	42.43 0.25 0.00	42.53 0.31 -3.90	53.47 0.41 -13.41	36.86 0.37 -1.39	36.15 0.40 -0.81	33.81 0.38 0.00	31.89 0.29 0.00

WDELAWARE___HYD 323627	29.98 0.55 0.00	28.59 0.45 0.00	30.82 0.44 0.00	31.36 0.42 0.00	30.12 0.42 0.00	36.39 0.59 0.00	42.95 0.78 0.00	45.52 0.87 0.00	43.42 0.89 0.00	43.10 0.93 0.00	32.84 0.67 -0.10	28.75 0.69 -0.03	35.71 0.92 -0.25	42.17 0.72 -0.46	39.68 -0.22 -0.04	37.12 -0.16 0.00	46.39 -0.15 0.00	42.04 -0.13 0.00	38.12 -0.21 0.00	39.65 0.01 0.00	35.99 0.89 0.00	35.78 0.84 0.00	34.26 0.83 0.00	32.23 0.62 0.00
WEST BABYLON___IC 23714	31.00 1.57 0.00	29.40 1.27 0.00	31.63 1.26 0.00	32.18 1.23 0.00	30.88 1.18 0.00	37.32 1.53 0.00	43.84 1.67 0.00	46.50 1.85 0.00	44.50 1.97 0.00	44.41 2.24 0.00	34.22 1.97 -0.17	29.97 1.88 -0.05	37.47 2.49 -0.44	44.65 2.84 -0.82	42.42 2.49 -0.07	39.32 2.04 0.00	48.61 2.07 0.00	43.93 1.75 0.00	39.90 1.57 0.00	41.43 1.78 0.00	36.51 1.41 0.00	36.59 1.65 0.00	35.20 1.77 0.00	33.02 1.42 0.00
WEST CANADA___HYD 24049	35.05 0.08 -5.53	28.24 0.09 -0.02	32.07 0.09 -1.60	31.03 0.08 0.00	29.79 0.09 0.00	35.91 0.11 0.00	42.34 0.14 -0.03	44.92 0.13 -0.14	42.62 0.08 0.00	42.23 0.05 0.00	32.11 0.03 0.00	28.07 0.04 0.00	34.58 0.04 0.00	41.00 0.01 0.00	39.86 0.00 0.00	37.32 0.04 0.00	46.60 0.06 0.00	42.27 0.10 0.00	42.30 0.09 -3.90	53.15 0.10 -13.41	36.59 0.10 -1.39	35.86 0.11 -0.81	33.56 0.13 0.00	31.70 0.10 0.00
WESTERN_NY_WIND 24143	29.55 0.11 0.00	28.36 0.23 0.00	30.62 0.24 0.00	31.31 0.37 0.00	30.18 0.48 0.00	36.53 0.73 0.00	42.19 0.02 0.00	44.60 -0.05 0.00	42.49 -0.04 0.00	42.13 -0.05 0.00	32.21 0.13 0.00	27.88 -0.15 0.00	35.84 1.30 0.00	41.66 0.67 0.00	40.39 0.53 0.00	37.77 0.48 0.00	46.88 0.34 0.00	43.09 0.91 0.00	39.74 1.42 0.00	40.92 1.27 0.00	36.13 1.03 0.00	35.89 0.95 0.00	34.25 0.82 0.00	32.79 1.19 0.00
WESTOVER___LESR 323668	29.32 -0.11 0.00	28.11 -0.03 0.00	30.32 -0.06 0.00	30.92 -0.02 0.00	29.72 0.02 0.00	35.92 0.12 0.00	42.13 -0.04 0.00	44.65 0.00 0.00	42.42 -0.12 0.00	42.01 -0.16 0.00	32.06 -0.02 0.00	28.02 -0.02 0.00	34.61 0.07 0.00	41.12 0.13 0.00	40.01 0.15 0.00	37.35 0.07 0.00	46.74 0.20 0.00	42.61 0.44 0.00	38.73 0.40 0.00	40.00 0.34 0.00	35.41 0.31 0.00	35.27 0.33 0.00	33.68 0.25 0.00	31.88 0.27 0.00
WETHRSFD_WT_PWR 323626	28.58 -0.85 0.00	27.52 -0.63 0.00	29.71 -0.66 0.00	30.44 -0.50 0.00	29.39 -0.32 0.00	35.51 -0.29 0.00	41.05 -1.12 0.00	43.40 -1.25 0.00	41.20 -1.33 0.00	40.89 -1.29 0.00	31.40 -0.68 0.00	27.21 -0.82 0.00	33.80 -0.74 0.00	40.38 -0.61 0.00	39.33 -0.54 0.00	36.52 -0.76 0.00	45.61 -0.93 0.00	41.83 -0.35 0.00	38.33 0.00 0.00	39.40 -0.25 0.00	34.85 -0.24 0.00	34.72 -0.22 0.00	33.16 -0.27 0.00	31.82 0.22 0.00
WHAVSTOR_138KV_BK127 55557	30.29 0.86 0.00	28.87 0.73 0.00	31.12 0.75 0.00	31.69 0.75 0.00	30.42 0.72 0.00	36.80 1.00 0.00	43.29 1.12 0.00	45.80 1.15 0.00	43.72 1.18 0.00	43.53 1.36 0.00	33.39 1.15 -0.16	29.28 1.20 -0.05	36.44 1.50 -0.40	43.30 1.56 -0.75	41.44 1.52 -0.06	38.64 1.36 0.00	48.06 1.52 0.00	43.44 1.27 0.00	39.33 1.00 0.00	40.75 1.10 0.00	36.01 0.91 0.00	35.92 0.98 0.00	34.48 1.05 0.00	32.46 0.85 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	30.29 0.86 0.00	28.87 0.73 0.00	31.12 0.75 0.00	31.69 0.75 0.00	30.42 0.72 0.00	36.80 1.00 0.00	43.29 1.12 0.00	45.80 1.15 0.00	43.72 1.18 0.00	43.53 1.36 0.00	33.39 1.15 -0.16	29.28 1.20 -0.05	36.44 1.50 -0.40	43.30 1.56 -0.75	41.44 1.52 -0.06	38.64 1.36 0.00	48.06 1.52 0.00	43.44 1.27 0.00	39.33 1.00 0.00	40.75 1.10 0.00	36.01 0.91 0.00	35.92 0.98 0.00	34.48 1.05 0.00	32.46 0.85 0.00
WHITEHAL_115KV_TB1 80871	31.84 2.41 0.00	30.00 1.86 0.00	32.58 2.21 0.00	33.12 2.18 0.00	31.90 2.20 0.00	38.81 3.01 0.00	45.82 3.65 0.00	48.49 3.84 0.00	45.51 2.98 0.00	44.51 2.34 0.00	33.17 1.27 0.17	29.00 1.01 0.05	35.45 1.36 0.45	41.82 1.66 0.84	41.42 1.62 0.07	39.11 1.83 0.00	49.16 2.63 0.00	44.52 2.34 0.00	41.27 2.94 0.00	42.93 3.28 0.00	38.41 3.31 0.00	38.26 3.33 0.00	36.69 3.27 0.00	33.73 2.13 0.00
WHITEPLN_13_KV_LOAD 356215	30.79 1.36 0.00	29.32 1.18 0.00	31.57 1.19 0.00	32.13 1.18 0.00	30.85 1.14 0.00	37.28 1.48 0.00	43.92 1.76 0.00	46.48 1.83 0.00	44.44 1.91 0.00	44.27 2.10 0.00	34.02 1.77 -0.17	29.82 1.74 -0.05	37.13 2.15 -0.44	44.14 2.32 -0.82	42.16 2.24 -0.07	39.34 2.06 0.00	48.83 2.29 0.00	44.13 1.96 0.00	39.96 1.63 0.00	41.43 1.78 0.00	36.64 1.54 0.00	36.51 1.58 0.00	35.04 1.61 0.00	32.96 1.36 0.00
WM_FLOYD_69_KV_BK2 356380	30.53 1.10 0.00	28.94 0.80 0.00	31.11 0.73 0.00	31.64 0.70 0.00	30.37 0.66 0.00	36.71 0.92 0.00	43.16 0.99 0.00	45.76 1.11 0.00	43.74 1.21 0.00	43.58 1.40 0.00	33.51 1.26 -0.17	-8.01 1.36 37.41	33.85 1.82 2.52	32.83 2.09 10.25	22.16 1.75 19.45	38.60 1.33 0.02	47.72 1.18 0.00	43.15 0.97 0.00	39.28 0.96 0.00	40.89 1.24 0.00	36.01 0.91 0.00	36.09 1.15 0.00	34.70 1.26 0.00	32.51 0.90 0.00
WOODARD__115KV_TB2 355635	35.69 -0.21 -6.48	27.97 -0.19 -0.02	32.02 -0.23 -1.88	30.74 -0.21 0.00	29.55 -0.15 0.00	35.68 -0.12 0.00	41.98 -0.23 -0.04	44.55 -0.25 -0.16	42.15 -0.38 0.00	41.73 -0.45 0.00	31.79 -0.29 0.00	27.79 -0.24 0.00	34.28 -0.26 0.00	40.75 -0.24 0.00	39.67 -0.19 0.00	37.05 -0.23 0.00	46.29 -0.25 0.00	42.22 0.04 0.00	43.01 0.12 -4.56	55.42 0.08 -15.69	36.76 0.03 -1.63	35.88 0.00 -0.94	33.41 -0.02 0.00	31.58 -0.03 0.00
WOODMERE_69_KV_BK1 55827	30.94 1.51 0.00	29.39 1.25 0.00	31.61 1.23 0.00	32.17 1.23 0.00	30.89 1.19 0.00	37.32 1.52 0.00	43.81 1.64 0.00	46.42 1.77 0.00	44.25 1.72 0.00	44.21 2.04 0.00	34.09 1.85 -0.17	29.90 1.82 -0.05	37.28 2.30 -0.44	44.35 2.53 -0.82	42.23 2.30 -0.07	39.21 1.92 0.00	48.54 2.00 0.00	44.03 1.86 0.00	39.92 1.59 0.00	41.43 1.78 0.00	36.57 1.47 0.00	36.61 1.68 0.00	35.19 1.76 0.00	33.06 1.45 0.00
YORK___WARBASSE 23770	30.79 1.36 0.00	29.28 1.14 0.00	31.55 1.18 0.00	32.11 1.16 0.00	30.83 1.13 0.00	37.23 1.44 0.00	43.76 1.59 0.00	46.25 1.60 0.00	44.37 1.84 0.00	44.24 2.07 0.00	34.10 1.84 -0.18	29.88 1.79 -0.05	37.16 2.18 -0.44	44.12 2.31 -0.82	42.17 2.24 -0.07	39.39 2.11 0.00	48.74 2.20 0.00	44.05 1.87 0.00	39.87 1.54 0.00	41.33 1.68 0.00	37.09 1.56 -0.43	36.53 1.59 0.00	35.05 1.62 0.00	32.95 1.35 0.00