

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/23/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	28.83	28.63	31.66	28.54	30.07	30.40	38.66	277.94	89.37	47.79	44.82	48.21	46.20	48.24	45.03	44.40	41.89	46.43	43.87	44.70	42.71	46.35	42.17	35.93
24138	1.64	1.60	1.57	1.37	1.43	1.57	2.27	9.48	3.31	1.65	1.34	1.52	1.74	1.97	2.01	2.09	1.77	2.05	1.91	1.91	1.56	1.52	1.61	1.23
	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	28.91	28.71	31.75	28.62	30.15	30.48	38.75	278.07	89.45	47.84	44.86	48.26	46.27	48.33	45.09	44.48	41.97	46.51	43.96	44.81	42.83	46.49	42.30	36.05
24260	1.72	1.68	1.66	1.45	1.51	1.66	2.35	9.62	3.39	1.70	1.39	1.57	1.81	2.05	2.07	2.17	1.85	2.13	2.00	2.01	1.67	1.66	1.74	1.35
	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	28.91	28.71	31.75	28.62	30.15	30.48	38.75	278.07	89.45	47.84	44.86	48.26	46.27	48.33	45.09	44.48	41.97	46.51	43.96	44.81	42.83	46.49	42.30	36.05
24261	1.72	1.68	1.66	1.45	1.51	1.66	2.35	9.62	3.39	1.70	1.39	1.57	1.81	2.05	2.07	2.17	1.85	2.13	2.00	2.01	1.67	1.66	1.74	1.35
	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.16	29.05	32.24	29.14	30.79	31.28	39.36	286.46	91.49	48.61	45.96	49.23	47.03	48.79	45.41	44.48	42.67	47.60	45.23	46.19	44.21	47.69	43.08	36.63
24011	1.96	2.02	2.15	1.97	2.15	2.22	2.97	18.00	5.44	2.47	2.50	2.54	2.56	2.51	2.39	2.61	2.55	3.22	3.27	3.39	3.06	2.86	2.51	1.93
	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.38	29.26	32.43	29.34	31.01	31.53	39.77	288.88	92.19	48.86	46.34	49.56	47.34	49.11	45.70	44.78	43.04	48.07	45.73	46.67	44.63	48.03	43.34	36.83
23798	2.18	2.23	2.34	2.17	2.37	2.48	3.38	20.43	6.14	2.72	2.87	2.87	2.88	2.83	2.68	2.91	2.92	3.69	3.77	3.87	3.48	3.19	2.78	2.13
	0.00	0.00	0.00	0.00	0.00	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.16	29.05	32.24	29.14	30.79	31.28	39.36	286.46	91.49	48.61	45.96	49.23	47.03	48.79	45.41	44.48	42.67	47.60	45.23	46.19	44.21	47.69	43.08	36.63
24028	1.96	2.02	2.15	1.97	2.15	2.22	2.97	18.00	5.44	2.47	2.50	2.54	2.56	2.51	2.39	2.61	2.55	3.22	3.27	3.39	3.06	2.86	2.51	1.93
	0.00	0.00	0.00	0.00	0.00	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	28.65	28.73	31.93	28.82	30.41	30.90	38.31	279.16	88.92	47.24	44.60	47.83	45.73	47.49	44.23	42.90	41.07	45.77	43.47	44.37	42.74	46.34	42.02	35.79
23527	1.46	1.70	1.84	1.65	1.77	1.73	1.92	10.71	2.87	1.10	1.13	1.14	1.27	1.21	1.21	1.28	0.95	1.39	1.50	1.57	1.59	1.51	1.45	1.09
	0.00	0.00	0.00	0.00	0.00	-0.38	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.52	27.44	30.53	27.54	29.05	28.69	36.88	268.75	85.92	45.88	43.25	46.45	44.37	46.16	42.97	41.99	40.13	44.56	42.20	43.09	41.33	44.87	40.65	34.64
24190	0.33	0.41	0.44	0.38	0.41	0.39	0.49	0.30	-0.14	-0.26	-0.21	-0.24	-0.09	-0.12	-0.06	0.08	0.01	0.19	0.23	0.29	0.18	0.04	0.08	-0.06
	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
AKWESSNE_115KV_BK	26.99	26.72	29.63	26.74	28.17	28.29	35.74	263.49	84.32	45.60	43.16	46.27	43.92	45.68	42.35	41.28	39.59	43.83	41.33	42.12	40.58	44.39	40.28	34.57
355683	-0.20	-0.31	-0.46	-0.43	-0.47	-0.51	-0.65	-4.96	-1.73	-0.54	-0.31	-0.41	-0.55	-0.60	-0.67	-0.81	-0.53	-0.55	-0.63	-0.68	-0.57	-0.45	-0.29	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	28.00	27.93	31.13	28.11	29.65	29.27	37.62	274.73	87.78	46.81	44.14	47.28	45.12	46.82	43.49	42.63	40.86	45.49	43.16	44.13	42.34	45.96	41.58	35.47
323833	0.80	0.90	1.05	0.94	1.01	1.00	1.23	6.27	1.73	0.67	0.67	0.59	0.66	0.54	0.47	0.67	0.73	1.11	1.20	1.33	1.19	1.12	1.02	0.77
	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	28.00	27.93	31.12	28.11	29.64	29.26	37.62	274.62	87.73	46.79	44.13	47.27	45.11	46.80	43.49	42.62	40.85	45.48	43.15	44.11	42.32	45.94	41.57	35.46
323834	0.80	0.90	1.04	0.94	1.00	0.99	1.23	6.17	1.67	0.65	0.66	0.58	0.65	0.53	0.47	0.66	0.72	1.10	1.19	1.31	1.17	1.11	1.01	0.76
	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	27.52	27.44	30.53	27.54	29.05	28.69	36.88	268.75	85.92	45.88	43.25	46.45	44.37	46.16	42.97	41.99	40.13	44.56	42.20	43.09	41.33	44.87	40.65	34.64
23571	0.33	0.41	0.44	0.38	0.41	0.39	0.49	0.30	-0.14	-0.26	-0.21	-0.24	-0.09	-0.12	-0.06	0.08	0.01	0.19	0.23	0.29	0.18	0.04	0.08	-0.06
	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	27.52 0.33 0.00	27.44 0.41 0.00	30.53 0.44 0.00	27.54 0.38 0.00	29.05 0.41 0.00	28.69 0.39 0.50	36.88 0.49 0.00	268.75 0.30 0.00	85.92 -0.14 0.00	45.88 -0.26 0.00	43.25 -0.21 0.00	46.45 -0.24 0.00	44.37 -0.09 0.00	46.16 -0.12 0.00	42.97 -0.06 0.00	41.99 0.08 0.18	40.13 0.01 0.00	44.56 0.19 0.00	42.20 0.23 0.00	43.09 0.29 0.00	41.33 0.18 0.00	44.87 0.04 0.00	40.65 0.08 0.00	34.64 -0.06 0.00
ALBANY___3 23573	27.52 0.33 0.00	27.44 0.41 0.00	30.53 0.44 0.00	27.54 0.38 0.00	29.05 0.41 0.00	28.69 0.39 0.50	36.88 0.49 0.00	268.75 0.30 0.00	85.92 -0.14 0.00	45.88 -0.26 0.00	43.25 -0.21 0.00	46.45 -0.24 0.00	44.37 -0.09 0.00	46.16 -0.12 0.00	42.97 -0.06 0.00	41.99 0.08 0.18	40.13 0.01 0.00	44.56 0.19 0.00	42.20 0.23 0.00	43.09 0.29 0.00	41.33 0.18 0.00	44.87 0.04 0.00	40.65 0.08 0.00	34.64 -0.06 0.00
ALBANY___4 23574	27.52 0.33 0.00	27.44 0.41 0.00	30.53 0.44 0.00	27.54 0.38 0.00	29.05 0.41 0.00	28.69 0.39 0.50	36.88 0.49 0.00	268.75 0.30 0.00	85.92 -0.14 0.00	45.88 -0.26 0.00	43.25 -0.21 0.00	46.45 -0.24 0.00	44.37 -0.09 0.00	46.16 -0.12 0.00	42.97 -0.06 0.00	41.99 0.08 0.18	40.13 0.01 0.00	44.56 0.19 0.00	42.20 0.23 0.00	43.09 0.29 0.00	41.33 0.18 0.00	44.87 0.04 0.00	40.65 0.08 0.00	34.64 -0.06 0.00
ALBANY___LFGE 323615	27.82 0.63 0.00	27.74 0.71 0.00	30.86 0.77 0.00	27.84 0.67 0.00	29.37 0.72 0.00	29.59 0.72 -0.07	37.32 0.93 0.00	271.86 3.41 0.00	86.94 0.89 0.00	46.44 0.29 0.00	43.78 0.31 0.00	47.01 0.32 0.00	44.92 0.46 0.00	46.72 0.44 0.00	43.49 0.46 0.00	42.52 0.62 0.20	40.63 0.50 0.00	45.13 0.75 0.00	42.72 0.76 0.00	43.62 0.82 0.00	41.83 0.68 0.00	45.39 0.55 0.00	41.11 0.54 0.00	35.03 0.32 0.00
ALCOA_PA_115KV_PL-6C 55860	27.09 -0.10 0.00	26.83 -0.20 0.00	29.75 -0.34 0.00	26.84 -0.33 0.00	28.27 -0.37 0.00	28.40 -0.40 0.00	35.89 -0.50 0.00	264.51 -3.95 0.00	85.11 -0.94 0.00	45.86 -0.28 0.00	43.37 -0.10 0.00	46.51 -0.19 0.00	44.12 -0.35 0.00	45.87 -0.41 0.00	42.50 -0.52 0.00	41.34 -0.75 0.00	39.69 -0.43 0.00	43.96 -0.42 0.00	41.48 -0.49 0.00	42.28 -0.52 0.00	40.73 -0.42 0.00	44.60 -0.24 0.00	40.49 -0.08 0.00	34.74 0.04 0.00
ALCOA_RYNLDS___DRP 24188	27.09 -0.10 0.00	26.83 -0.20 0.00	29.75 -0.34 0.00	26.84 -0.33 0.00	28.27 -0.37 0.00	28.40 -0.40 0.00	35.89 -0.50 0.00	264.51 -3.95 0.00	85.11 -0.94 0.00	45.86 -0.28 0.00	43.37 -0.10 0.00	46.51 -0.19 0.00	44.12 -0.35 0.00	45.87 -0.41 0.00	42.50 -0.52 0.00	41.34 -0.75 0.00	39.69 -0.43 0.00	43.96 -0.42 0.00	41.48 -0.49 0.00	42.28 -0.52 0.00	40.73 -0.42 0.00	44.60 -0.24 0.00	40.49 -0.08 0.00	34.74 0.04 0.00
ALCOA___DSASP 323711	27.09 -0.11 0.00	26.82 -0.20 0.00	29.74 -0.35 0.00	26.84 -0.33 0.00	28.27 -0.37 0.00	28.40 -0.40 0.00	35.89 -0.50 0.00	264.44 -4.02 0.00	85.11 -0.94 0.00	45.86 -0.28 0.00	43.38 -0.10 0.00	46.51 -0.18 0.00	44.12 -0.35 0.00	45.86 -0.41 0.00	42.50 -0.52 0.00	41.34 -0.75 0.00	39.69 -0.43 0.00	43.96 -0.42 0.00	41.48 -0.48 0.00	42.28 -0.51 0.00	40.73 -0.42 0.00	44.60 -0.24 0.00	40.49 -0.08 0.00	34.74 0.04 0.00
ALLEGHENY___COGEN 23514	27.99 0.80 0.00	27.64 0.60 0.00	31.08 0.99 0.00	28.14 0.97 0.00	29.68 1.04 0.00	30.05 1.25 0.00	38.15 1.76 0.00	276.94 8.48 0.00	89.33 3.28 0.00	47.73 1.59 0.00	44.44 0.97 0.00	47.74 1.06 0.00	44.67 0.21 0.00	46.55 0.27 0.00	43.55 0.53 0.00	42.77 0.68 0.00	40.42 0.30 0.00	45.17 0.79 0.00	42.66 0.70 0.00	44.12 1.32 0.00	42.19 1.04 0.00	45.64 0.80 0.00	41.28 0.72 0.00	35.59 0.89 0.00
ALTAMONT_115KV_TB 2 55880	27.83 0.64 0.00	27.74 0.71 0.00	30.88 0.79 0.00	27.86 0.70 0.00	29.38 0.73 0.00	29.29 0.71 0.22	37.29 0.90 0.00	272.06 3.60 0.00	87.00 0.95 0.00	46.50 0.36 0.00	43.81 0.34 0.00	47.03 0.34 0.00	44.92 0.45 0.00	46.72 0.44 0.00	43.48 0.46 0.00	42.55 0.58 0.12	40.62 0.49 0.00	45.06 0.68 0.00	42.67 0.71 0.00	43.58 0.78 0.00	41.81 0.66 0.00	45.42 0.59 0.00	41.17 0.60 0.00	35.12 0.41 0.00
ALTONA_WT_PWR 323606	-23.53 -1.13 49.60	-23.54 -1.23 49.33	-23.50 -1.51 52.07	-23.50 -1.39 49.28	-23.26 -1.50 50.41	-23.38 -1.56 50.62	1.17 -1.91 33.31	238.87 -12.92 16.67	38.01 -3.70 44.35	39.76 -1.12 5.26	42.97 -0.51 0.00	46.27 -0.42 0.00	43.99 -0.47 0.00	45.66 -0.62 0.00	42.18 -0.84 0.00	41.14 -0.95 0.00	39.91 -0.21 0.00	44.40 0.02 0.00	41.99 0.03 0.00	42.55 -0.25 0.00	40.80 -0.35 0.00	44.42 -0.42 0.00	40.30 -0.26 0.00	34.63 -0.07 0.00
AMERICAN_REF_FUEL 24010	26.64 -0.55 0.00	26.29 -0.74 0.00	29.59 -0.49 0.00	26.87 -0.29 0.00	28.36 -0.28 0.00	28.66 -0.15 0.00	35.92 -0.47 0.00	252.74 -15.71 0.00	82.50 -3.55 0.00	44.26 -1.88 0.00	41.34 -2.13 0.00	44.63 -2.06 0.00	42.46 -2.01 0.00	44.35 -1.93 0.00	40.95 -2.07 0.00	40.16 -1.92 0.00	37.62 -2.51 0.00	41.44 -2.93 0.00	38.90 -3.06 0.00	40.31 -2.49 0.00	38.71 -2.44 0.00	42.05 -2.79 0.00	38.35 -2.22 0.00	33.45 -1.25 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.79 -0.40 0.00	26.41 -0.62 0.00	30.10 0.01 0.00	27.43 0.26 0.00	29.02 0.38 0.00	29.20 0.40 0.00	36.84 0.45 0.00	265.82 -2.64 0.00	85.03 -1.02 0.00	46.16 0.02 0.00	43.15 -0.32 0.00	46.78 0.09 0.00	44.64 0.18 0.00	46.87 0.59 0.00	43.36 0.33 0.00	42.50 0.41 0.00	39.87 -0.25 0.00	44.03 -0.35 0.00	41.38 -0.59 0.00	42.91 0.11 0.00	41.24 0.09 0.00	44.78 -0.06 0.00	40.50 -0.07 0.00	34.98 0.28 0.00
ARTHUR KILL_GT_1 23520	28.80 1.61 0.00	28.63 1.60 0.00	31.67 1.58 0.00	28.54 1.37 0.00	30.05 1.41 0.00	30.38 1.55 -0.03	38.47 2.08 0.00	43.13 6.31 231.63	43.75 2.53 44.83	39.45 1.13 7.82	39.36 0.89 4.99	39.37 1.02 8.33	38.95 1.30 6.81	39.14 1.52 8.66	38.79 1.56 5.79	39.53 1.76 4.31	38.24 1.48 3.36	37.64 1.69 8.43	37.87 1.61 5.71	39.23 1.66 5.23	39.09 1.39 3.44	39.93 1.34 6.24	39.27 1.47 2.77	35.92 1.28 0.07
ARTHUR_KILL_2 23512	28.73 1.53 0.00	28.55 1.52 0.00	31.58 1.49 0.00	28.46 1.30 0.00	29.97 1.33 0.00	30.30 1.47 -0.03	38.36 1.97 0.00	42.32 5.50 231.63	43.49 2.27 44.83	39.32 0.99 7.82	39.23 0.75 4.99	39.24 0.89 8.33	38.82 1.17 6.81	39.00 1.38 8.66	38.66 1.43 5.79	39.40 1.63 4.31	38.11 1.35 3.36	37.50 1.55 8.43	37.74 1.48 5.71	39.09 1.52 5.23	38.96 1.25 3.44	39.79 1.20 6.24	39.15 1.35 2.77	35.82 1.19 0.07
ARTHUR_KILL_3 23513	28.63 1.43 0.00	28.44 1.41 0.00	31.41 1.33 0.00	28.31 1.14 0.00	29.83 1.18 0.00	30.14 1.32 -0.03	38.30 1.91 0.00	47.15 5.74 227.05	43.36 2.14 44.83	39.30 0.98 7.82	39.19 0.71 5.00	39.23 0.87 8.33	38.79 1.14 6.81	38.98 1.36 8.66	38.69 1.46 5.79	39.32 1.54 4.31	38.01 1.25 3.36	37.43 1.47 8.43	37.65 1.39 5.71	38.95 1.38 5.23	38.79 1.08 3.44	39.62 1.03 6.24	39.02 1.22 2.77	35.56 0.92 0.07

ARTHUR_KILL_COGEN 323718	28.80 1.61 0.00	28.63 1.60 0.00	31.67 1.58 0.00	28.54 1.37 0.00	30.05 1.41 0.00	30.38 1.55 -0.03	38.47 2.08 0.00	43.13 6.31 231.63	43.75 2.53 44.83	39.45 1.13 7.82	39.36 0.89 4.99	39.37 1.02 8.33	38.95 1.30 6.81	39.14 1.52 8.66	38.79 1.56 5.79	39.53 1.76 4.31	38.24 1.48 3.36	37.64 1.69 8.43	37.87 1.61 5.71	39.23 1.66 5.23	39.09 1.39 3.44	39.93 1.34 6.24	39.27 1.47 2.77	35.92 1.28 0.07
ASHOKAN____ 23654	28.15 0.96 0.00	28.01 0.97 0.00	31.16 1.07 0.00	28.11 0.94 0.00	29.65 1.01 0.00	29.50 1.08 0.39	37.88 1.49 0.00	277.58 9.13 0.00	88.83 2.78 0.00	47.37 1.23 0.00	44.58 1.10 0.00	47.89 1.20 0.00	45.82 1.36 0.00	47.57 1.29 0.00	44.18 1.16 0.00	43.34 1.25 0.00	41.29 1.17 0.00	46.00 1.62 0.00	43.65 1.69 0.00	44.68 1.88 0.00	42.76 1.61 0.00	46.25 1.42 0.00	41.79 1.22 0.00	35.54 0.83 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.68 1.48 0.00	28.52 1.49 0.00	31.54 1.45 0.00	28.47 1.30 0.00	29.97 1.32 0.00	30.31 1.48 -0.03	38.55 2.16 0.00	275.34 6.88 0.00	88.76 2.71 0.00	47.29 1.16 0.01	44.37 0.89 0.00	47.71 1.03 0.01	45.68 1.22 0.01	47.69 1.42 0.01	44.49 1.48 0.01	43.89 1.59 -0.21	41.44 1.33 0.01	45.89 1.52 0.01	43.46 1.50 0.00	44.36 1.56 0.00	42.42 1.27 0.00	46.11 1.28 0.00	41.97 1.40 0.00	35.81 1.10 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.68 1.48 0.00	28.52 1.49 0.00	31.54 1.45 0.00	28.47 1.30 0.00	29.97 1.32 0.00	30.31 1.49 -0.03	38.55 2.16 0.00	275.33 6.87 0.00	88.76 2.71 0.00	47.29 1.16 0.01	44.37 0.89 0.00	47.71 1.03 0.01	45.68 1.22 0.01	47.69 1.42 0.01	44.49 1.48 0.01	43.89 1.59 -0.21	41.44 1.33 0.01	45.89 1.52 0.01	43.46 1.50 0.00	44.36 1.56 0.00	42.42 1.27 0.00	46.11 1.28 0.00	41.96 1.39 0.00	35.81 1.10 0.00
ASTORIA_GT2_1 24094	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT2_2 24095	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT2_3 24096	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT2_4 24097	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT3_1 24098	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT3_2 24099	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT3_3 24100	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT3_4 24101	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT4_1 24102	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT4_2 24103	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT4_3 24104	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00

ASTORIA_GT4_4 24105	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.48 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.56 2.17 0.00	275.35 6.89 0.00	88.79 2.74 0.00	47.32 1.19 0.01	44.40 0.93 0.00	47.74 1.06 0.01	45.71 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.63 -0.21	41.47 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.14 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA_GT_1 23523	28.74 1.55 0.00	28.58 1.54 0.00	31.61 1.52 0.00	28.53 1.36 0.00	30.03 1.38 0.00	30.37 1.55 -0.03	38.64 2.24 0.00	276.02 7.57 0.00	88.97 2.91 0.00	47.41 1.28 0.01	44.49 1.02 0.00	47.85 1.16 0.01	45.81 1.35 0.01	47.82 1.55 0.01	44.60 1.59 0.01	44.02 1.71 -0.21	41.54 1.43 0.01	46.00 1.63 0.01	43.57 1.61 0.00	44.47 1.67 0.00	42.52 1.37 0.00	46.22 1.39 0.00	42.06 1.49 0.00	35.89 1.19 0.00
ASTORIA_GT_10 24110	28.74 1.54 0.00	28.56 1.53 0.00	31.58 1.50 0.00	28.48 1.32 0.00	29.99 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.81 0.00	88.90 2.85 0.00	47.49 1.35 0.00	44.52 1.05 0.00	47.89 1.20 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.11 1.73 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.17 1.33 0.00	42.00 1.43 0.00	35.83 1.13 0.00
ASTORIA_GT_11 24225	28.74 1.54 0.00	28.56 1.53 0.00	31.58 1.50 0.00	28.48 1.32 0.00	29.99 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.81 0.00	88.90 2.85 0.00	47.49 1.35 0.00	44.52 1.05 0.00	47.89 1.20 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.11 1.73 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.17 1.33 0.00	42.00 1.43 0.00	35.83 1.13 0.00
ASTORIA_GT_12 24226	28.74 1.54 0.00	28.56 1.53 0.00	31.58 1.50 0.00	28.48 1.32 0.00	29.99 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.81 0.00	88.90 2.85 0.00	47.49 1.35 0.00	44.52 1.05 0.00	47.89 1.20 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.11 1.73 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.17 1.33 0.00	42.00 1.43 0.00	35.83 1.13 0.00
ASTORIA_GT_13 24227	28.74 1.54 0.00	28.56 1.53 0.00	31.58 1.50 0.00	28.48 1.32 0.00	29.99 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.81 0.00	88.90 2.85 0.00	47.49 1.35 0.00	44.52 1.05 0.00	47.89 1.20 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.11 1.73 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.17 1.33 0.00	42.00 1.43 0.00	35.83 1.13 0.00
ASTORIA_GT_5 24106	28.74 1.55 0.00	28.58 1.55 0.00	31.60 1.51 0.00	28.53 1.36 0.00	30.02 1.38 0.00	30.37 1.54 -0.03	38.64 2.24 0.00	275.95 7.49 0.00	88.97 2.92 0.00	47.41 1.28 0.01	44.49 1.02 0.00	47.85 1.16 0.01	45.81 1.35 0.01	47.82 1.55 0.01	44.61 1.59 0.01	44.02 1.72 -0.21	41.54 1.43 0.01	46.01 1.64 0.01	43.57 1.61 0.00	44.47 1.67 0.00	42.52 1.38 0.00	46.22 1.39 0.00	42.06 1.49 0.00	35.89 1.19 0.00
ASTORIA_GT_7 24107	28.74 1.55 0.00	28.58 1.55 0.00	31.60 1.51 0.00	28.53 1.36 0.00	30.02 1.38 0.00	30.37 1.54 -0.03	38.64 2.24 0.00	275.95 7.49 0.00	88.97 2.92 0.00	47.41 1.28 0.01	44.49 1.02 0.00	47.85 1.16 0.01	45.81 1.35 0.01	47.82 1.55 0.01	44.61 1.59 0.01	44.02 1.72 -0.21	41.54 1.43 0.01	46.01 1.64 0.01	43.57 1.61 0.00	44.47 1.67 0.00	42.52 1.38 0.00	46.22 1.39 0.00	42.06 1.49 0.00	35.89 1.19 0.00
ASTORIA_GT_8 24108	28.74 1.55 0.00	28.58 1.55 0.00	31.60 1.51 0.00	28.53 1.36 0.00	30.02 1.38 0.00	30.37 1.54 -0.03	38.64 2.24 0.00	275.95 7.49 0.00	88.97 2.92 0.00	47.41 1.28 0.01	44.49 1.02 0.00	47.85 1.16 0.01	45.81 1.35 0.01	47.82 1.55 0.01	44.61 1.59 0.01	44.02 1.72 -0.21	41.54 1.43 0.01	46.01 1.64 0.01	43.57 1.61 0.00	44.47 1.67 0.00	42.52 1.38 0.00	46.22 1.39 0.00	42.06 1.49 0.00	35.89 1.19 0.00
ASTORIA___2 24149	28.70 1.50 0.00	28.53 1.50 0.00	31.56 1.47 0.00	28.49 1.32 0.00	29.98 1.34 0.00	30.33 1.50 -0.03	38.57 2.17 0.00	275.41 6.95 0.00	88.79 2.74 0.00	47.32 1.18 0.01	44.41 0.93 0.00	47.74 1.06 0.01	45.70 1.25 0.01	47.72 1.45 0.01	44.51 1.50 0.01	43.93 1.62 -0.21	41.46 1.35 0.01	45.91 1.54 0.01	43.49 1.53 0.00	44.38 1.58 0.00	42.44 1.29 0.00	46.13 1.30 0.00	41.98 1.41 0.00	35.82 1.12 0.00
ASTORIA___3 23516	28.74 1.55 0.00	28.56 1.53 0.00	31.59 1.50 0.00	28.49 1.32 0.00	29.99 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.82 0.00	88.90 2.85 0.00	47.49 1.35 0.00	44.52 1.05 0.00	47.89 1.20 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.62 1.49 0.00	46.10 1.72 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.17 1.33 0.00	42.00 1.43 0.00	35.83 1.13 0.00
ASTORIA___4 23517	28.74 1.54 0.00	28.56 1.53 0.00	31.58 1.50 0.00	28.48 1.32 0.00	29.99 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.81 0.00	88.90 2.85 0.00	47.49 1.35 0.00	44.52 1.05 0.00	47.89 1.20 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.11 1.73 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.17 1.33 0.00	42.00 1.43 0.00	35.83 1.13 0.00
ASTORIA___5 23518	28.74 1.55 0.00	28.56 1.53 0.00	31.59 1.50 0.00	28.49 1.32 0.00	29.99 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.82 0.00	88.90 2.85 0.00	47.49 1.35 0.00	44.52 1.05 0.00	47.89 1.20 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.62 1.49 0.00	46.10 1.72 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.17 1.33 0.00	42.00 1.43 0.00	35.83 1.13 0.00
AST_ENERGY_2_CC3 323677	28.73 1.54 0.00	28.54 1.51 0.00	31.55 1.46 0.00	28.44 1.27 0.00	29.97 1.32 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	275.93 7.48 0.00	88.76 2.70 0.00	47.43 1.29 0.00	44.48 1.00 0.00	47.85 1.16 0.00	45.87 1.41 0.00	47.90 1.62 0.00	44.70 1.68 0.00	44.09 1.78 -0.22	41.59 1.47 0.00	46.11 1.73 0.00	43.61 1.64 0.00	44.45 1.65 0.00	42.50 1.34 0.00	46.13 1.30 0.00	42.00 1.43 0.00	35.80 1.10 0.00
AST_ENERGY_2_CC4 323678	28.73 1.54 0.00	28.54 1.51 0.00	31.55 1.46 0.00	28.44 1.27 0.00	29.97 1.32 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	275.93 7.48 0.00	88.76 2.70 0.00	47.43 1.29 0.00	44.48 1.00 0.00	47.85 1.16 0.00	45.87 1.41 0.00	47.90 1.62 0.00	44.70 1.68 0.00	44.09 1.78 -0.22	41.59 1.47 0.00	46.11 1.73 0.00	43.61 1.64 0.00	44.45 1.65 0.00	42.50 1.34 0.00	46.13 1.30 0.00	42.00 1.43 0.00	35.80 1.10 0.00

ATHENS_STG_1 23668	27.91 0.72 0.00	27.82 0.79 0.00	30.94 0.85 0.00	27.90 0.73 0.00	29.41 0.77 0.00	29.53 0.73 0.00	37.37 0.98 0.00	271.49 3.03 0.00	86.85 0.80 0.00	46.45 0.31 0.00	43.71 0.24 0.00	46.97 0.28 0.00	44.91 0.45 0.00	46.79 0.51 0.00	43.60 0.57 0.00	42.86 0.69 -0.09	40.65 0.53 0.00	45.04 0.67 0.00	42.62 0.66 0.00	43.50 0.70 0.00	41.71 0.56 0.00	45.33 0.50 0.00	41.15 0.58 0.00	35.10 0.40 0.00
ATHENS_STG_2 23670	27.91 0.72 0.00	27.82 0.79 0.00	30.94 0.85 0.00	27.90 0.73 0.00	29.41 0.77 0.00	29.53 0.73 0.00	37.37 0.98 0.00	271.49 3.03 0.00	86.85 0.80 0.00	46.45 0.31 0.00	43.71 0.24 0.00	46.97 0.28 0.00	44.91 0.45 0.00	46.79 0.51 0.00	43.60 0.57 0.00	42.86 0.69 -0.09	40.65 0.53 0.00	45.04 0.67 0.00	42.62 0.66 0.00	43.50 0.70 0.00	41.71 0.56 0.00	45.33 0.50 0.00	41.15 0.58 0.00	35.10 0.40 0.00
ATHENS_STG_3 23677	27.91 0.72 0.00	27.82 0.79 0.00	30.94 0.85 0.00	27.90 0.73 0.00	29.41 0.77 0.00	29.53 0.73 0.00	37.37 0.98 0.00	271.49 3.03 0.00	86.85 0.80 0.00	46.45 0.31 0.00	43.71 0.24 0.00	46.97 0.28 0.00	44.91 0.45 0.00	46.79 0.51 0.00	43.60 0.57 0.00	42.86 0.69 -0.09	40.65 0.53 0.00	45.04 0.67 0.00	42.62 0.66 0.00	43.50 0.70 0.00	41.71 0.56 0.00	45.33 0.50 0.00	41.15 0.58 0.00	35.10 0.40 0.00
AUBURN___LFGE 323710	27.15 -0.04 0.00	26.90 -0.13 0.00	30.10 0.01 0.00	27.23 0.06 0.00	28.86 0.21 0.00	29.14 0.34 0.00	36.80 0.41 0.00	273.42 4.96 0.00	87.91 1.86 0.00	46.99 0.85 0.00	44.00 0.53 0.00	47.55 0.86 0.00	45.19 0.72 0.00	47.09 0.81 0.00	43.80 0.77 0.00	42.85 0.77 0.00	40.76 0.63 0.00	45.15 0.77 0.00	42.63 0.67 0.00	43.59 0.79 0.00	41.82 0.67 0.00	45.35 0.51 0.00	41.04 0.47 0.00	35.02 0.31 0.00
BABYLON_RES_REC 323704	28.96 1.77 0.00	28.83 1.81 0.00	31.92 1.83 0.00	28.80 1.63 0.00	36.07 1.73 -5.70	32.01 1.81 -1.40	38.87 2.46 -0.01	228.05 3.62 44.03	86.24 1.11 0.92	47.16 1.02 0.00	44.05 0.58 0.00	47.19 0.50 0.00	45.25 0.78 0.00	47.57 1.30 0.00	44.60 1.58 0.00	44.28 1.96 -0.22	41.51 1.39 0.00	45.84 1.46 0.00	43.41 1.45 0.00	44.46 1.66 0.00	42.30 1.15 0.00	46.27 1.21 -0.23	42.15 1.59 0.00	35.72 1.02 0.00
BABYLON__69_KV_BK2 356345	29.15 1.96 0.00	29.03 2.00 0.00	32.14 2.05 0.00	29.01 1.84 0.00	36.29 1.95 -5.70	32.24 2.04 -1.40	39.16 2.75 -0.01	229.27 4.51 43.69	86.66 1.46 0.85	47.46 1.32 0.00	44.29 0.82 0.00	47.45 0.77 0.00	45.51 1.05 0.00	47.87 1.59 0.00	44.94 1.92 0.00	44.62 2.30 -0.22	41.82 1.69 0.00	46.17 1.80 0.00	43.71 1.75 0.00	44.82 2.02 0.00	42.67 1.52 0.00	46.64 1.58 -0.23	42.46 1.89 0.00	35.93 1.22 0.00
BALL_HILL_WT_PWR 323825	26.93 -0.27 0.00	26.59 -0.44 0.00	30.13 0.05 0.00	27.42 0.25 0.00	28.98 0.34 0.00	29.24 0.44 0.00	36.85 0.46 0.00	264.35 -4.11 0.00	84.96 -1.09 0.00	45.77 -0.37 0.00	42.80 -0.67 0.00	46.31 -0.38 0.00	44.04 -0.42 0.00	46.15 -0.13 0.00	42.72 -0.31 0.00	41.87 -0.22 0.00	39.28 -0.84 0.00	43.36 -1.02 0.00	40.73 -1.23 0.00	42.08 -0.72 0.00	40.43 -0.72 0.00	43.89 -0.95 0.00	39.82 -0.75 0.00	34.52 -0.19 0.00
BARON_WINDS___WT_PWR 323822	26.56 -0.63 0.00	26.29 -0.74 0.00	29.76 -0.33 0.00	27.03 -0.14 0.00	28.42 -0.22 0.00	28.77 -0.03 0.00	36.39 0.00 0.00	266.04 -2.41 0.00	84.58 -1.47 0.00	45.31 -0.83 0.00	42.23 -1.25 0.00	45.59 -1.10 0.00	43.24 -1.23 0.00	45.23 -1.05 0.00	42.18 -0.84 0.00	41.34 -0.75 0.00	39.06 -1.06 0.00	43.30 -1.08 0.00	40.63 -1.33 0.00	41.78 -1.02 0.00	40.04 -1.11 0.00	43.47 -1.36 0.00	39.35 -1.22 0.00	34.05 -0.65 0.00
BARRETT_IC_1 23704	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_10 23701	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_11 23702	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_12 23703	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_2 23705	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_3 23706	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_4 23707	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00

BARRETT_IC_5 23708	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_6 23709	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_7 23710	28.90 1.70 0.00	28.74 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.63 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.11 0.42 0.00	45.30 0.84 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_8 23711	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT_IC_9 23700	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT___1 23545	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BARRETT___2 23546	28.90 1.71 0.00	28.75 1.71 0.00	31.82 1.73 0.00	28.69 1.52 0.00	35.93 1.59 -5.70	31.89 1.69 -1.40	38.62 2.22 -0.01	118.03 2.57 152.99	63.59 0.93 23.39	47.10 0.96 0.00	43.89 0.42 0.00	47.10 0.42 0.00	45.31 0.85 0.00	47.54 1.26 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.33 1.21 0.00	45.52 1.14 0.00	43.07 1.11 0.00	44.00 1.20 0.00	41.95 0.81 0.00	46.03 0.97 -0.23	42.16 1.60 0.00	35.88 1.18 0.00
BATAVIA__115KV_TB1 55881	27.74 0.54 0.00	27.36 0.33 0.00	30.75 0.66 0.00	27.88 0.71 0.00	29.44 0.80 0.00	29.79 0.99 0.00	37.54 1.15 0.00	267.80 -0.66 0.00	87.24 1.19 0.00	46.87 0.73 0.00	43.85 0.37 0.00	47.28 0.59 0.00	44.91 0.45 0.00	46.87 0.60 0.00	43.26 0.24 0.00	42.39 0.30 0.00	39.83 -0.29 0.00	44.06 -0.32 0.00	41.41 -0.56 0.00	42.82 0.02 0.00	40.98 -0.17 0.00	44.41 -0.43 0.00	40.32 -0.24 0.00	34.97 0.27 0.00
BAYONEEC___CTG1 323682	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00
BAYONEEC___CTG10 323750	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00
BAYONEEC___CTG2 323683	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00
BAYONEEC___CTG3 323684	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00
BAYONEEC___CTG4 323685	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00
BAYONEEC___CTG5 323686	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00
BAYONEEC___CTG6 323687	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00

BAYONEEC___CTG7 323688	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00
BAYONEEC___CTG8 323689	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00
BAYONEEC___CTG9 323749	28.72 1.52 0.00	28.52 1.50 0.00	31.53 1.44 0.00	28.42 1.25 0.00	29.94 1.30 0.00	30.26 1.43 -0.03	38.44 2.05 0.00	248.91 7.13 26.68	88.63 2.57 0.00	47.36 1.22 0.00	43.87 0.93 0.54	47.79 1.10 0.00	45.82 1.36 0.00	47.85 1.57 0.00	44.66 1.64 0.00	44.05 1.74 -0.22	41.55 1.42 0.00	46.06 1.68 0.00	43.55 1.59 0.00	44.39 1.59 0.00	42.44 1.28 0.00	46.08 1.24 0.00	41.97 1.40 0.00	35.77 1.07 0.00
BEACON___LESR 323632	27.85 0.65 0.00	27.76 0.74 0.00	30.89 0.80 0.00	27.85 0.68 0.00	29.40 0.76 0.00	28.63 0.79 0.96	37.53 1.14 0.00	273.05 4.59 0.00	87.24 1.19 0.00	46.51 0.38 0.00	43.86 0.39 0.00	47.07 0.38 0.00	45.03 0.56 0.00	46.78 0.50 0.00	43.57 0.55 0.00	42.56 0.67 0.20	40.69 0.57 0.00	45.30 0.92 0.00	42.91 0.95 0.00	43.89 1.09 0.00	42.03 0.88 0.00	45.54 0.70 0.00	41.25 0.68 0.00	35.09 0.39 0.00
BEAVER RIVER___HYD 24048	26.95 -0.24 0.00	26.77 -0.25 0.00	29.77 -0.32 0.00	26.92 -0.24 0.00	28.25 -0.39 0.00	28.52 -0.28 0.00	36.21 -0.18 0.00	270.83 2.38 0.00	87.52 1.47 0.00	46.90 0.76 0.00	44.14 0.67 0.00	47.57 0.88 0.00	45.20 0.73 0.00	47.11 0.83 0.00	43.52 0.50 0.00	42.09 0.01 0.00	41.10 0.97 0.00	45.55 1.17 0.00	43.07 1.10 0.00	43.97 1.17 0.00	41.99 0.84 0.00	45.90 1.07 0.00	41.48 0.92 0.00	34.94 0.24 0.00
BEEBEE_GT_13 23619	27.26 0.06 0.00	26.94 -0.08 0.00	30.18 0.09 0.00	27.32 0.16 0.00	28.84 0.20 0.00	29.14 0.34 0.00	36.75 0.35 0.00	264.92 -3.54 0.00	86.12 0.07 0.00	46.22 0.07 0.00	43.30 -0.17 0.00	46.67 -0.02 0.00	44.36 -0.10 0.00	46.31 0.03 0.00	42.87 -0.15 0.00	42.01 -0.08 0.00	39.58 -0.54 0.00	43.76 -0.62 0.00	41.18 -0.78 0.00	42.41 -0.39 0.00	40.63 -0.53 0.00	44.06 -0.78 0.00	39.98 -0.59 0.00	34.51 -0.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.99 1.80 0.00	28.78 1.76 0.00	31.84 1.75 0.00	28.69 1.52 0.00	30.21 1.57 0.00	30.56 1.73 -0.03	38.82 2.43 0.00	278.22 9.77 0.00	89.56 3.50 0.00	47.83 1.69 0.00	44.88 1.41 0.00	48.29 1.60 0.00	46.30 1.83 0.00	48.36 2.08 0.00	45.10 2.08 0.00	44.51 2.20 -0.22	42.02 1.90 0.00	46.55 2.17 0.00	44.01 2.05 0.00	44.91 2.11 0.00	42.95 1.80 0.00	46.64 1.80 0.00	42.41 1.84 0.00	36.19 1.49 0.00
BETHLEHEM___GRP 23843	27.52 0.33 0.00	27.44 0.41 0.00	30.53 0.44 0.00	27.54 0.38 0.00	29.05 0.41 0.00	28.69 0.39 0.50	36.88 0.49 0.00	268.75 0.30 0.00	85.92 -0.14 0.00	45.88 -0.26 0.00	43.25 -0.21 0.00	46.45 -0.24 0.00	44.37 -0.09 0.00	46.16 -0.12 0.00	42.97 -0.06 0.00	41.99 0.08 0.18	40.13 0.01 0.00	44.56 0.19 0.00	42.20 0.23 0.00	43.09 0.29 0.00	41.33 0.18 0.00	44.87 0.04 0.00	40.65 0.08 0.00	34.64 -0.06 0.00
BETHLEHEM___GS1 323560	27.52 0.33 0.00	27.44 0.41 0.00	30.53 0.44 0.00	27.54 0.37 0.00	29.05 0.41 0.00	28.69 0.39 0.50	36.89 0.49 0.00	268.75 0.30 0.00	85.92 -0.14 0.00	45.89 -0.26 0.00	43.26 -0.21 0.00	46.45 -0.24 0.00	44.38 -0.08 0.00	46.16 -0.12 0.00	42.97 -0.06 0.00	41.99 0.08 0.18	40.13 0.01 0.00	44.57 0.19 0.00	42.20 0.24 0.00	43.09 0.29 0.00	41.33 0.18 0.00	44.88 0.04 0.00	40.65 0.08 0.00	34.64 -0.06 0.00
BETHLEHEM___GS2 323561	27.52 0.33 0.00	27.44 0.41 0.00	30.53 0.44 0.00	27.54 0.37 0.00	29.05 0.41 0.00	28.69 0.39 0.50	36.89 0.49 0.00	268.75 0.30 0.00	85.92 -0.14 0.00	45.89 -0.26 0.00	43.26 -0.21 0.00	46.45 -0.24 0.00	44.38 -0.08 0.00	46.16 -0.12 0.00	42.97 -0.06 0.00	41.99 0.08 0.18	40.13 0.01 0.00	44.57 0.19 0.00	42.20 0.24 0.00	43.09 0.29 0.00	41.33 0.18 0.00	44.88 0.04 0.00	40.65 0.08 0.00	34.64 -0.06 0.00
BETHLEHEM___GS3 323562	27.52 0.33 0.00	27.44 0.41 0.00	30.53 0.44 0.00	27.54 0.37 0.00	29.05 0.41 0.00	28.69 0.39 0.50	36.89 0.49 0.00	268.75 0.30 0.00	85.92 -0.14 0.00	45.89 -0.26 0.00	43.26 -0.21 0.00	46.45 -0.24 0.00	44.38 -0.08 0.00	46.16 -0.12 0.00	42.97 -0.06 0.00	41.99 0.08 0.18	40.13 0.01 0.00	44.57 0.19 0.00	42.20 0.24 0.00	43.09 0.29 0.00	41.33 0.18 0.00	44.88 0.04 0.00	40.65 0.08 0.00	34.64 -0.06 0.00
BETHLEHEM___STEEL 23779	27.17 -0.03 0.00	26.82 -0.22 0.00	30.25 0.16 0.00	27.49 0.32 0.00	29.02 0.37 0.00	29.34 0.54 0.00	36.89 0.50 0.00	262.50 -5.96 0.00	85.05 -1.00 0.00	45.67 -0.47 0.00	42.72 -0.75 0.00	46.18 -0.51 0.00	43.88 -0.59 0.00	45.89 -0.39 0.00	42.48 -0.54 0.00	41.67 -0.42 0.00	39.06 -1.07 0.00	43.10 -1.28 0.00	40.46 -1.50 0.00	41.83 -0.97 0.00	40.16 -0.99 0.00	43.59 -1.25 0.00	39.62 -0.95 0.00	34.41 -0.30 0.00
BETHLHEM_115KV_TB1 79974	27.58 0.39 0.00	27.50 0.47 0.00	30.60 0.51 0.00	27.61 0.44 0.00	29.11 0.47 0.00	28.79 0.46 0.47	36.96 0.57 0.00	269.29 0.84 0.00	86.12 0.07 0.00	46.01 -0.13 0.00	43.37 -0.10 0.00	46.56 -0.13 0.00	44.49 0.03 0.00	46.27 -0.01 0.00	43.08 0.06 0.00	42.11 0.19 0.17	40.23 0.10 0.00	44.67 0.29 0.00	42.28 0.32 0.00	43.18 0.38 0.00	41.41 0.26 0.00	44.97 0.13 0.00	40.76 0.19 0.00	34.73 0.03 0.00
BETHPAGE_CC_5 323564	28.91 1.72 0.00	28.78 1.75 0.00	31.87 1.78 0.00	28.75 1.59 0.00	36.00 1.66 -5.70	31.93 1.73 -1.40	38.71 2.31 -0.01	226.13 3.07 45.39	85.84 0.99 1.20	47.11 0.96 0.00	43.97 0.50 0.00	47.15 0.46 0.00	45.31 0.85 0.00	47.53 1.25 0.00	44.56 1.54 0.00	44.15 1.83 -0.22	41.33 1.21 0.00	45.62 1.24 0.00	43.19 1.23 0.00	44.19 1.39 0.00	42.07 0.92 0.00	46.08 1.02 -0.23	42.09 1.52 0.00	35.69 0.98 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.26 0.06 0.00	26.90 -0.13 0.00	30.34 0.26 0.00	27.58 0.41 0.00	29.11 0.47 0.00	29.43 0.63 0.00	37.03 0.64 0.00	263.83 -4.62 0.00	85.42 -0.63 0.00	45.88 -0.26 0.00	42.93 -0.54 0.00	46.40 -0.29 0.00	44.07 -0.39 0.00	46.11 -0.17 0.00	42.69 -0.34 0.00	41.88 -0.21 0.00	39.27 -0.86 0.00	43.33 -1.05 0.00	40.68 -1.28 0.00	42.04 -0.76 0.00	40.35 -0.80 0.00	43.77 -1.06 0.00	39.78 -0.78 0.00	34.54 -0.17 0.00

BINGHAMTON___COGEN 23790	27.08 -0.12 0.00	26.88 -0.15 0.00	30.24 0.15 0.00	27.41 0.24 0.00	28.92 0.28 0.00	29.13 0.33 0.00	36.87 0.48 0.00	272.56 4.11 0.00	86.57 0.52 0.00	46.41 0.27 0.00	43.60 0.13 0.00	46.97 0.28 0.00	44.68 0.22 0.00	46.67 0.40 0.00	43.38 0.36 0.00	42.50 0.41 0.00	40.33 0.21 0.00	44.66 0.29 0.00	42.16 0.20 0.00	43.06 0.26 0.00	41.32 0.17 0.00	44.92 0.08 0.00	40.66 0.09 0.00	34.88 0.18 0.00
BIXINCNT_115KV_LOAD 355685	27.30 0.11 0.00	26.95 -0.07 0.00	30.38 0.29 0.00	27.61 0.45 0.00	29.12 0.48 0.00	29.48 0.68 0.00	37.32 0.93 0.00	267.70 -0.76 0.00	86.20 0.14 0.00	46.29 0.15 0.00	43.29 -0.18 0.00	46.86 0.17 0.00	44.32 -0.14 0.00	46.62 0.34 0.00	43.27 0.25 0.00	42.44 0.35 0.00	39.88 -0.24 0.00	44.01 -0.37 0.00	41.22 -0.74 0.00	42.45 -0.35 0.00	40.70 -0.45 0.00	43.91 -0.93 0.00	39.90 -0.67 0.00	34.60 -0.10 0.00
BLACK RIVER___HYD 24047	27.08 -0.11 0.00	26.92 -0.11 0.00	29.98 -0.11 0.00	27.09 -0.08 0.00	28.45 -0.20 0.00	28.75 -0.05 0.00	36.55 0.16 0.00	274.66 6.21 0.00	89.07 3.02 0.00	47.78 1.64 0.00	44.84 1.37 0.00	48.48 1.79 0.00	45.98 1.52 0.00	47.66 1.38 0.00	43.82 0.80 0.00	42.52 0.43 0.00	41.86 1.74 0.00	46.39 2.01 0.00	43.90 1.94 0.00	44.84 2.05 0.00	42.72 1.57 0.00	46.65 1.82 0.00	42.10 1.54 0.00	35.42 0.71 0.00
BLACKRVR_115KV_TB2 79977	27.08 -0.11 0.00	26.92 -0.11 0.00	29.98 -0.11 0.00	27.09 -0.08 0.00	28.45 -0.20 0.00	28.75 -0.05 0.00	36.55 0.15 0.00	274.66 6.20 0.00	89.07 3.02 0.00	47.78 1.64 0.00	44.84 1.37 0.00	48.48 1.79 0.00	45.98 1.52 0.00	47.66 1.38 0.00	43.83 0.80 0.00	42.52 0.43 0.00	41.86 1.74 0.00	46.39 2.01 0.00	43.90 1.94 0.00	44.84 2.05 0.00	42.72 1.57 0.00	46.65 1.82 0.00	42.10 1.54 0.00	35.42 0.71 0.00
BLISS_WT_PWR 323608	27.27 0.07 0.00	26.91 -0.12 0.00	30.30 0.21 0.00	27.55 0.38 0.00	29.05 0.41 0.00	29.40 0.59 0.00	37.26 0.87 0.00	267.35 -1.10 0.00	86.03 -0.03 0.00	46.23 0.09 0.00	43.22 -0.25 0.00	46.81 0.13 0.00	44.24 -0.22 0.00	46.61 0.33 0.00	43.28 0.26 0.00	42.44 0.35 0.00	39.90 -0.22 0.00	44.02 -0.35 0.00	41.21 -0.75 0.00	42.40 -0.39 0.00	40.65 -0.50 0.00	43.79 -1.05 0.00	39.81 -0.76 0.00	34.52 -0.19 0.00
BLUESTONE___WT_PWR 323821	27.63 0.43 0.00	26.70 -0.33 0.00	30.87 0.78 0.00	27.43 0.26 0.00	29.09 0.45 0.00	29.60 0.80 0.00	36.94 0.56 0.00	271.02 2.56 0.00	85.69 -0.37 0.00	45.69 -0.45 0.00	43.15 -0.33 0.00	46.44 -0.25 0.00	44.03 -0.43 0.00	46.16 -0.12 0.00	43.24 0.22 0.00	42.58 0.50 0.00	41.12 1.00 0.00	45.51 1.13 0.00	43.16 1.20 0.00	43.79 1.00 0.00	41.31 0.16 0.00	44.97 0.14 0.00	40.56 -0.01 0.00	35.17 0.47 0.00
BLUE_CIRC_CHEM_DRP 24182	27.83 0.64 0.00	27.77 0.74 0.00	30.94 0.85 0.00	27.94 0.77 0.00	29.46 0.82 0.00	29.09 0.79 0.50	37.35 0.96 0.00	272.60 4.15 0.00	87.13 1.08 0.00	46.52 0.38 0.00	43.86 0.39 0.00	47.04 0.35 0.00	44.89 0.43 0.00	46.64 0.36 0.00	43.36 0.34 0.00	42.46 0.50 0.13	40.61 0.49 0.00	45.15 0.77 0.00	42.79 0.82 0.00	43.72 0.92 0.00	41.95 0.80 0.00	45.57 0.73 0.00	41.27 0.70 0.00	35.20 0.49 0.00
BOC_GAS_DRP 24189	27.72 0.53 0.00	27.63 0.60 0.00	30.77 0.68 0.00	27.76 0.59 0.00	29.26 0.62 0.00	29.13 0.58 0.26	37.12 0.73 0.00	312.07 2.26 -41.35	86.57 0.52 0.00	46.29 0.15 0.00	44.44 0.13 -0.84	46.84 0.15 0.00	44.74 0.27 0.00	46.55 0.27 0.00	43.35 0.33 0.00	42.41 0.43 0.11	40.44 0.32 0.00	44.85 0.47 0.00	42.43 0.47 0.00	43.33 0.53 0.00	41.59 0.43 0.00	45.19 0.36 0.00	40.98 0.41 0.00	34.96 0.26 0.00
BOONVILLE_115KV_TB1 79983	27.38 0.19 0.00	27.22 0.19 0.00	30.30 0.21 0.00	27.41 0.24 0.00	28.82 0.17 0.00	29.06 0.25 0.00	36.86 0.47 0.00	274.05 5.60 0.00	88.03 1.98 0.00	47.13 0.99 0.00	44.35 0.88 0.00	47.67 0.98 0.00	45.40 0.94 0.00	47.41 1.14 0.00	43.99 0.97 0.00	42.89 0.80 0.00	41.27 1.14 0.00	45.74 1.36 0.00	43.26 1.29 0.00	44.15 1.35 0.00	42.25 1.10 0.00	45.99 1.16 0.00	41.53 0.96 0.00	35.21 0.50 0.00
BORALEX_4TH_BRANCH 23824	28.65 1.46 0.00	28.73 1.70 0.00	31.93 1.84 0.00	28.82 1.65 0.00	30.41 1.77 0.00	30.90 1.73 -0.38	38.31 1.92 0.00	279.10 10.64 0.00	88.91 2.86 0.00	47.24 1.10 0.00	44.60 1.14 0.01	47.83 1.14 0.00	45.72 1.26 0.00	47.49 1.21 0.00	44.23 1.21 0.00	42.90 1.28 0.46	41.08 0.95 0.00	45.77 1.39 0.00	43.46 1.50 0.00	44.37 1.57 0.00	42.74 1.59 0.00	46.34 1.51 0.00	42.02 1.45 0.00	35.79 1.09 0.00
BOWLINE___1 23526	28.47 1.27 0.00	28.29 1.26 0.00	31.29 1.20 0.00	28.18 1.01 0.00	29.70 1.06 0.00	29.95 1.15 0.00	38.07 1.68 0.00	274.03 5.57 0.00	88.11 2.06 0.00	47.07 0.93 0.00	44.18 0.70 0.00	47.53 0.84 0.00	45.54 1.08 0.00	47.56 1.28 0.00	44.38 1.35 0.00	43.75 1.45 -0.21	41.31 1.19 0.00	45.76 1.38 0.00	43.29 1.33 0.00	44.14 1.34 0.00	42.22 1.07 0.00	45.84 1.01 0.00	41.71 1.14 0.00	35.55 0.84 0.00
BOWLINE___2 23595	28.47 1.27 0.00	28.29 1.26 0.00	31.29 1.20 0.00	28.18 1.01 0.00	29.70 1.06 0.00	29.95 1.15 0.00	38.07 1.68 0.00	274.03 5.57 0.00	88.12 2.07 0.00	47.07 0.93 0.00	44.18 0.70 0.00	47.53 0.84 0.00	45.54 1.08 0.00	47.56 1.29 0.00	44.38 1.35 0.00	43.76 1.46 -0.21	41.31 1.19 0.00	45.76 1.38 0.00	43.29 1.33 0.00	44.14 1.34 0.00	42.22 1.07 0.00	45.84 1.01 0.00	41.71 1.14 0.00	35.55 0.84 0.00
BRADY___115KV_TB2 356060	27.35 0.15 0.00	27.07 0.04 0.00	30.01 -0.08 0.00	27.10 -0.07 0.00	28.53 -0.11 0.00	28.69 -0.12 0.00	36.32 -0.07 0.00	267.85 -0.61 0.00	86.13 0.08 0.00	46.38 0.23 0.00	43.88 0.41 0.00	47.01 0.32 0.00	44.52 0.06 0.00	46.24 -0.04 0.00	42.80 -0.22 0.00	41.46 -0.62 0.00	39.90 -0.22 0.00	44.28 -0.10 0.00	41.86 -0.10 0.00	42.77 -0.03 0.00	41.18 0.03 0.00	45.14 0.30 0.00	40.96 0.39 0.00	35.11 0.40 0.00
BRANSCOMB___SOLAR 323811	28.72 1.52 0.00	28.64 1.61 0.00	31.84 1.76 0.00	28.74 1.58 0.00	30.34 1.70 0.00	30.82 1.72 -0.30	38.64 2.24 0.00	281.65 13.20 0.00	89.91 3.86 0.00	47.83 1.69 0.00	45.12 1.65 0.00	48.41 1.72 0.00	46.22 1.75 0.00	47.97 1.70 0.00	44.65 1.63 0.00	43.69 1.84 0.24	41.86 1.74 0.00	46.65 2.27 0.00	44.29 2.32 0.00	45.23 2.43 0.00	43.36 2.21 0.00	46.92 2.08 0.00	42.44 1.87 0.00	36.14 1.43 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	28.99 1.79 0.00	28.89 1.86 0.00	32.01 1.92 0.00	28.90 1.73 0.00	36.16 1.82 -5.70	32.11 1.91 -1.40	38.95 2.54 -0.01	228.89 2.52 42.09	86.29 0.76 0.52	47.12 0.98 0.00	43.92 0.44 0.00	47.01 0.32 0.00	45.07 0.61 0.00	47.47 1.19 0.00	44.59 1.57 0.00	44.28 1.97 -0.22	41.47 1.35 0.00	45.73 1.35 0.00	43.27 1.31 0.00	44.39 1.59 0.00	42.33 1.18 0.00	46.28 1.22 -0.23	42.13 1.56 0.00	35.66 0.96 0.00



BRISTLHL_115KV_TB1 79998	26.73 -0.46 0.00	26.53 -0.49 0.00	29.62 -0.46 0.00	26.77 -0.40 0.00	28.24 -0.40 0.00	28.45 -0.35 0.00	35.92 -0.47 0.00	270.19 1.74 0.00	88.29 2.24 0.00	47.35 1.21 0.00	44.48 1.01 0.00	47.83 1.14 0.00	45.51 1.04 0.00	47.31 1.03 0.00	43.79 0.76 0.00	42.74 0.65 0.00	40.82 0.70 0.00	45.23 0.85 0.00	42.78 0.81 0.00	43.69 0.89 0.00	41.89 0.74 0.00	45.71 0.87 0.00	41.40 0.83 0.00	35.34 0.64 0.00
BROOKHAVEN___DRP 24191	28.16 0.96 0.00	28.04 1.01 0.00	31.06 0.97 0.00	28.17 1.01 0.00	35.42 1.08 -5.70	31.16 0.96 -1.40	37.83 1.43 -0.01	218.40 -8.36 41.69	82.59 -2.46 0.99	45.73 -0.41 0.00	36.65 -1.00 5.83	40.03 -1.13 5.52	35.83 -0.76 7.87	33.14 -0.33 12.81	38.15 0.22 5.10	42.96 0.65 -0.22	40.28 0.16 0.00	44.47 0.09 0.00	42.25 0.29 0.00	43.30 0.50 0.00	41.15 0.01 0.00	44.97 -0.10 -0.23	40.97 0.40 0.00	34.56 -0.15 0.00
BROOKLYN_NAVY_YARD 23515	28.65 1.46 0.00	28.47 1.44 0.00	31.48 1.39 0.00	28.38 1.21 0.00	29.91 1.27 0.00	30.23 1.41 -0.03	38.41 2.02 0.00	275.71 7.25 0.00	88.66 2.60 0.00	47.34 1.20 0.00	44.41 0.94 0.00	47.80 1.11 0.00	45.79 1.33 0.00	47.81 1.53 0.00	44.62 1.60 0.00	43.99 1.68 -0.22	41.53 1.41 0.00	46.03 1.65 0.00	43.56 1.59 0.00	44.39 1.60 0.00	42.45 1.30 0.00	46.09 1.26 0.00	41.96 1.39 0.00	35.76 1.05 0.00
BROOKLYN___ARMY_DRP 323595	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
BROOKVLE_69_KV_TB1 55790	29.12 1.93 0.00	28.96 1.94 0.00	32.05 1.96 0.00	28.91 1.74 0.00	36.18 1.84 -5.70	32.15 1.95 -1.40	39.04 2.64 -0.01	229.24 7.11 46.32	86.91 2.26 1.39	47.63 1.49 0.00	44.38 0.90 0.00	47.66 0.97 0.00	45.99 1.53 0.00	48.21 1.93 0.00	45.14 2.12 0.00	44.69 2.38 -0.22	41.92 1.80 0.00	46.12 1.74 0.00	43.65 1.69 0.00	44.62 1.82 0.00	42.52 1.37 0.00	46.50 1.43 -0.23	42.51 1.94 0.00	36.08 1.38 0.00
BROOME_2_LFGE 323671	27.07 -0.12 0.00	26.88 -0.15 0.00	30.24 0.15 0.00	27.41 0.24 0.00	28.92 0.28 0.00	29.13 0.33 0.00	36.87 0.47 0.00	272.56 4.10 0.00	86.57 0.52 0.00	46.41 0.27 0.00	43.60 0.13 0.00	46.97 0.28 0.00	44.68 0.22 0.00	46.67 0.40 0.00	43.38 0.36 0.00	42.50 0.42 0.00	40.34 0.21 0.00	44.67 0.29 0.00	42.16 0.20 0.00	43.06 0.26 0.00	41.32 0.17 0.00	44.92 0.08 0.00	40.66 0.09 0.00	34.88 0.18 0.00
BROOME___LFGE 323600	27.07 -0.12 0.00	26.88 -0.15 0.00	30.24 0.15 0.00	27.41 0.24 0.00	28.92 0.28 0.00	29.13 0.33 0.00	36.87 0.47 0.00	272.56 4.10 0.00	86.57 0.52 0.00	46.41 0.27 0.00	43.60 0.13 0.00	46.97 0.28 0.00	44.68 0.22 0.00	46.67 0.40 0.00	43.38 0.36 0.00	42.50 0.42 0.00	40.34 0.21 0.00	44.67 0.29 0.00	42.16 0.20 0.00	43.06 0.26 0.00	41.32 0.17 0.00	44.92 0.08 0.00	40.66 0.09 0.00	34.88 0.18 0.00
BROWNFLS_115KV_TB_3_5 80003	26.99 -0.20 0.00	26.77 -0.26 0.00	29.73 -0.36 0.00	26.87 -0.30 0.00	28.23 -0.41 0.00	28.44 -0.36 0.00	36.08 -0.32 0.00	268.39 -0.07 0.00	86.62 0.57 0.00	46.52 0.38 0.00	43.88 0.41 0.00	47.16 0.47 0.00	44.70 0.24 0.00	46.55 0.27 0.00	43.03 0.01 0.00	41.54 -0.55 0.00	40.33 0.21 0.00	44.72 0.35 0.00	42.28 0.32 0.00	43.15 0.35 0.00	41.36 0.21 0.00	45.38 0.55 0.00	41.13 0.56 0.00	34.89 0.18 0.00
BROWNSV1_27_KV_LOAD 356125	28.93 1.73 0.00	28.72 1.69 0.00	31.74 1.65 0.00	28.60 1.44 0.00	30.14 1.50 0.00	30.47 1.64 -0.03	38.74 2.35 0.00	278.07 9.62 0.00	89.43 3.38 0.00	47.80 1.66 0.00	44.82 1.34 0.00	48.26 1.57 0.00	46.23 1.77 0.00	48.28 2.00 0.00	45.06 2.04 0.00	44.45 2.14 -0.22	41.94 1.82 0.00	46.48 2.10 0.00	43.94 1.98 0.00	44.81 2.01 0.00	42.84 1.68 0.00	46.50 1.67 0.00	42.31 1.74 0.00	36.05 1.35 0.00
BURROWS___LYONSDAL 23803	27.22 0.02 0.00	27.06 0.03 0.00	30.10 0.02 0.00	27.23 0.06 0.00	28.61 -0.03 0.00	28.86 0.06 0.00	36.61 0.22 0.00	272.67 4.22 0.00	87.73 1.68 0.00	46.97 0.82 0.00	44.20 0.72 0.00	47.56 0.87 0.00	45.28 0.81 0.00	47.31 1.03 0.00	43.87 0.85 0.00	42.67 0.58 0.00	41.21 1.08 0.00	45.66 1.28 0.00	43.16 1.20 0.00	44.05 1.25 0.00	42.13 0.98 0.00	45.89 1.06 0.00	41.45 0.89 0.00	35.05 0.35 0.00
CAITHNESS_CC_1 323624	28.24 1.05 0.00	28.13 1.10 0.00	31.17 1.08 0.00	28.24 1.07 0.00	35.48 1.14 -5.70	31.25 1.05 -1.40	37.93 1.53 -0.01	219.30 -7.47 41.68	82.88 -2.18 0.99	45.87 -0.27 0.00	36.79 -0.85 5.83	40.18 -0.99 5.52	35.98 -0.62 7.87	33.28 -0.19 12.81	38.27 0.35 5.10	43.08 0.77 -0.22	40.38 0.26 0.00	44.57 0.19 0.00	42.34 0.38 0.00	43.38 0.58 0.00	41.25 0.09 0.00	45.09 0.02 -0.23	41.06 0.50 0.00	34.67 -0.03 0.00
CALPINE BETH_PAGE_GT4 24209	28.93 1.74 0.00	28.81 1.78 0.00	31.89 1.80 0.00	28.77 1.60 0.00	36.03 1.69 -5.70	31.96 1.76 -1.40	38.76 2.35 -0.01	225.04 3.42 46.83	85.64 1.08 1.50	47.14 1.00 0.00	43.98 0.51 0.00	47.18 0.49 0.00	45.35 0.88 0.00	47.56 1.28 0.00	44.59 1.57 0.00	44.18 1.87 -0.22	41.31 1.18 0.00	45.61 1.23 0.00	43.17 1.21 0.00	44.16 1.36 0.00	42.05 0.90 0.00	46.04 0.98 -0.23	42.11 1.54 0.00	35.71 1.01 0.00
CALPINE_BETH_PAGE_GT_4 323586	28.93 1.74 0.00	28.81 1.78 0.00	31.89 1.80 0.00	28.77 1.60 0.00	36.03 1.69 -5.70	31.96 1.77 -1.40	38.75 2.35 -0.01	225.04 3.42 46.83	85.64 1.08 1.50	47.14 1.00 0.00	43.98 0.51 0.00	47.18 0.49 0.00	45.35 0.89 0.00	47.57 1.29 0.00	44.58 1.56 0.00	44.18 1.87 -0.22	41.31 1.18 0.00	45.61 1.23 0.00	43.17 1.21 0.00	44.15 1.35 0.00	42.05 0.90 0.00	46.05 0.98 -0.23	42.11 1.54 0.00	35.71 1.01 0.00
CALPINE_BP_GT1 23823	28.93 1.74 0.00	28.81 1.78 0.00	31.89 1.80 0.00	28.77 1.60 0.00	36.03 1.69 -5.70	31.96 1.77 -1.40	38.75 2.35 -0.01	225.04 3.42 46.83	85.64 1.08 1.50	47.14 1.00 0.00	43.98 0.51 0.00	47.18 0.49 0.00	45.35 0.89 0.00	47.57 1.29 0.00	44.58 1.56 0.00	44.18 1.87 -0.22	41.31 1.18 0.00	45.61 1.23 0.00	43.17 1.21 0.00	44.15 1.35 0.00	42.05 0.90 0.00	46.05 0.98 -0.23	42.11 1.54 0.00	35.71 1.01 0.00
CALSPAN___DRP 24200	27.17 -0.03 0.00	26.82 -0.22 0.00	30.25 0.16 0.00	27.49 0.32 0.00	29.02 0.37 0.00	29.34 0.54 0.00	36.89 0.50 0.00	262.50 -5.96 0.00	85.05 -1.00 0.00	45.67 -0.47 0.00	42.72 -0.75 0.00	46.18 -0.51 0.00	43.88 -0.59 0.00	45.89 -0.39 0.00	42.48 -0.54 0.00	41.67 -0.42 0.00	39.06 -1.07 0.00	43.10 -1.28 0.00	40.46 -1.50 0.00	41.83 -0.97 0.00	40.16 -0.99 0.00	43.59 -1.25 0.00	39.62 -0.95 0.00	34.41 -0.30 0.00

CALVERTON___SOLAR 323806	28.09 0.90 0.00	27.98 0.95 0.00	30.98 0.89 0.00	28.13 0.96 0.00	35.38 1.04 -5.70	31.10 0.90 -1.40	37.76 1.36 -0.01	217.54 -9.22 41.70	82.34 -2.74 0.97	45.63 -0.51 0.00	36.81 -1.12 5.54	40.19 -1.25 5.25	36.11 -0.87 7.48	33.65 -0.45 12.18	38.31 0.13 4.85	42.88 0.57 -0.22	40.21 0.09 0.00	44.38 0.00 0.00	42.20 0.24 0.00	43.23 0.44 0.00	41.10 -0.05 0.00	44.90 -0.16 -0.23	40.89 0.32 0.00	34.47 -0.23 0.00
CANDIGU_WT_PWR 323617	26.56 -0.63 0.00	26.29 -0.74 0.00	29.76 -0.33 0.00	27.03 -0.14 0.00	28.42 -0.22 0.00	28.77 -0.03 0.00	36.39 0.00 0.00	266.04 -2.41 0.00	84.58 -1.47 0.00	45.31 -0.83 0.00	42.23 -1.25 0.00	45.59 -1.10 0.00	43.24 -1.23 0.00	45.23 -1.05 0.00	42.18 -0.84 0.00	41.34 -0.75 0.00	39.06 -1.06 0.00	43.30 -1.08 0.00	40.63 -1.33 0.00	41.78 -1.02 0.00	40.04 -1.11 0.00	43.47 -1.36 0.00	39.35 -1.22 0.00	34.05 -0.65 0.00
CARR STREET_E_SYR 24060	26.91 -0.28 0.00	26.71 -0.32 0.00	29.85 -0.23 0.00	26.99 -0.18 0.00	28.47 -0.17 0.00	28.68 -0.12 0.00	36.24 -0.15 0.00	270.21 1.76 0.00	86.75 0.70 0.00	46.49 0.35 0.00	43.77 0.30 0.00	47.05 0.36 0.00	44.71 0.25 0.00	46.57 0.29 0.00	43.27 0.25 0.00	42.35 0.27 0.00	40.34 0.21 0.00	44.64 0.26 0.00	42.21 0.25 0.00	43.08 0.28 0.00	41.34 0.19 0.00	44.91 0.08 0.00	40.74 0.17 0.00	34.83 0.13 0.00
CARTHAGE___PAPER 23857	27.15 -0.04 0.00	26.98 -0.05 0.00	30.01 -0.08 0.00	27.14 -0.03 0.00	28.48 -0.16 0.00	28.77 -0.04 0.00	36.56 0.17 0.00	274.00 5.55 0.00	88.63 2.58 0.00	47.51 1.37 0.00	44.65 1.18 0.00	48.17 1.48 0.00	45.73 1.27 0.00	47.52 1.24 0.00	43.77 0.75 0.00	42.33 0.24 0.00	41.57 1.45 0.00	46.10 1.72 0.00	43.65 1.69 0.00	44.59 1.79 0.00	42.53 1.38 0.00	46.46 1.62 0.00	41.96 1.39 0.00	35.32 0.62 0.00
CASSADAGA_WT_PWR 323784	27.00 -0.19 0.00	26.64 -0.39 0.00	30.32 0.23 0.00	27.61 0.44 0.00	29.27 0.63 0.00	29.34 0.54 0.00	37.15 0.76 0.00	267.79 -0.66 0.00	85.92 -0.13 0.00	46.63 0.49 0.00	43.51 0.04 0.00	47.15 0.46 0.00	44.98 0.52 0.00	47.22 0.94 0.00	43.71 0.68 0.00	42.84 0.76 0.00	40.20 0.08 0.00	44.37 -0.01 0.00	41.69 -0.27 0.00	43.37 0.58 0.00	41.66 0.51 0.00	45.20 0.36 0.00	40.86 0.29 0.00	35.25 0.54 0.00
CE_DUNWOOD___DRP 24194	28.58 1.38 0.00	28.40 1.37 0.00	31.42 1.33 0.00	28.32 1.15 0.00	29.84 1.20 0.00	30.13 1.30 -0.03	38.26 1.87 0.00	274.97 6.52 0.00	88.36 2.30 0.00	47.23 1.09 0.00	44.31 0.84 0.00	47.66 0.98 0.00	45.69 1.23 0.00	47.70 1.42 0.00	44.50 1.48 0.00	43.91 1.60 -0.22	41.43 1.31 0.00	45.90 1.53 0.00	43.44 1.47 0.00	44.29 1.50 0.00	42.35 1.20 0.00	45.97 1.14 0.00	41.84 1.27 0.00	35.65 0.95 0.00
CE_MILLWOOD___DRP 24193	28.53 1.33 0.00	28.35 1.32 0.00	31.37 1.29 0.00	28.27 1.10 0.00	29.79 1.15 0.00	30.07 1.24 -0.03	38.18 1.79 0.00	274.59 6.13 0.00	88.22 2.16 0.00	47.16 1.02 0.00	44.25 0.78 0.00	47.60 0.91 0.00	45.61 1.15 0.00	47.64 1.36 0.00	44.44 1.42 0.00	43.83 1.53 -0.22	41.38 1.25 0.00	45.84 1.47 0.00	43.37 1.41 0.00	44.24 1.44 0.00	42.30 1.15 0.00	45.93 1.10 0.00	41.79 1.22 0.00	35.60 0.90 0.00
CE_NYC2_DRP 24202	28.76 1.56 0.00	28.57 1.54 0.00	31.60 1.51 0.00	28.50 1.33 0.00	30.00 1.36 0.00	30.34 1.51 -0.03	38.55 2.16 0.00	276.43 7.98 0.00	88.97 2.92 0.00	47.52 1.38 0.00	44.55 1.07 0.00	47.91 1.22 0.00	45.91 1.45 0.00	47.93 1.66 0.00	44.73 1.70 0.00	44.13 1.82 -0.22	41.63 1.51 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.47 1.68 0.00	42.53 1.38 0.00	46.19 1.35 0.00	42.02 1.45 0.00	35.85 1.15 0.00
CE_NYC_DRP 24195	28.75 1.55 0.00	28.55 1.52 0.00	31.57 1.48 0.00	28.45 1.28 0.00	29.98 1.33 0.00	30.30 1.47 -0.03	38.49 2.10 0.00	276.11 7.65 0.00	88.81 2.76 0.00	47.47 1.33 0.00	44.52 1.04 0.00	47.90 1.21 0.00	45.92 1.45 0.00	47.95 1.67 0.00	44.75 1.73 0.00	44.14 1.83 -0.22	41.64 1.52 0.00	46.16 1.78 0.00	43.66 1.70 0.00	44.50 1.70 0.00	42.54 1.39 0.00	46.18 1.34 0.00	42.04 1.47 0.00	35.83 1.12 0.00
CHAFFEE___LFGE 323603	27.28 0.09 0.00	26.92 -0.11 0.00	30.36 0.28 0.00	27.60 0.43 0.00	29.13 0.49 0.00	29.45 0.65 0.00	37.08 0.69 0.00	264.60 -3.85 0.00	85.63 -0.42 0.00	45.97 -0.17 0.00	42.98 -0.49 0.00	46.50 -0.19 0.00	44.19 -0.28 0.00	46.23 -0.05 0.00	42.76 -0.26 0.00	41.96 -0.13 0.00	39.35 -0.77 0.00	43.43 -0.95 0.00	40.78 -1.18 0.00	42.10 -0.70 0.00	40.39 -0.75 0.00	43.88 -0.96 0.00	39.87 -0.70 0.00	34.59 -0.11 0.00
CHATEAUG_35_KV_LOAD 355732	-23.23 -0.83 49.60	-23.21 -0.90 49.33	-23.14 -1.16 52.07	-23.18 -1.07 49.28	-22.92 -1.15 50.41	-23.01 -1.19 50.62	1.61 -1.47 33.31	241.48 -10.31 16.67	38.90 -2.81 44.35	40.03 -0.86 5.26	43.10 -0.37 0.00	46.32 -0.37 0.00	43.97 -0.50 0.00	45.66 -0.61 0.00	42.23 -0.79 0.00	41.15 -0.93 0.00	39.77 -0.35 0.00	44.15 -0.23 0.00	41.74 -0.22 0.00	42.40 -0.40 0.00	40.74 -0.41 0.00	44.45 -0.38 0.00	40.31 -0.26 0.00	34.64 -0.06 0.00
CHATEAUG_WT_PWR 323614	-23.78 -1.38 49.60	-23.78 -1.47 49.33	-23.78 -1.80 52.07	-23.78 -1.67 49.28	-23.60 -1.84 50.41	-23.78 -1.96 50.62	0.69 -2.40 33.31	236.24 -15.54 16.67	36.98 -4.73 44.35	39.55 -1.33 5.26	43.01 -0.46 0.00	46.33 -0.36 0.00	44.04 -0.42 0.00	45.70 -0.57 0.00	42.19 -0.83 0.00	41.16 -0.92 0.00	40.05 -0.07 0.00	44.62 0.24 0.00	42.21 0.24 0.00	42.69 -0.11 0.00	40.86 -0.29 0.00	44.43 -0.40 0.00	40.30 -0.27 0.00	34.67 -0.03 0.00
CHAT_HIGH_FALL_HYD 323578	-23.23 -0.83 49.60	-23.21 -0.90 49.33	-23.14 -1.16 52.07	-23.18 -1.07 49.28	-22.92 -1.15 50.41	-23.01 -1.19 50.62	1.61 -1.47 33.31	241.48 -10.31 16.67	38.90 -2.81 44.35	40.03 -0.86 5.26	43.10 -0.37 0.00	46.32 -0.37 0.00	43.97 -0.50 0.00	45.66 -0.61 0.00	42.23 -0.79 0.00	41.15 -0.93 0.00	39.77 -0.35 0.00	44.15 -0.23 0.00	41.74 -0.22 0.00	42.40 -0.40 0.00	40.74 -0.41 0.00	44.45 -0.38 0.00	40.31 -0.26 0.00	34.64 -0.06 0.00
CHAUTAUQUA___LFGE 323629	26.89 -0.31 0.00	26.54 -0.49 0.00	30.20 0.11 0.00	27.52 0.35 0.00	29.11 0.47 0.00	29.34 0.54 0.00	37.02 0.64 0.00	267.31 -1.14 0.00	85.41 -0.64 0.00	46.16 0.01 0.00	43.14 -0.34 0.00	46.73 0.04 0.00	44.49 0.03 0.00	46.69 0.41 0.00	43.19 0.17 0.00	42.33 0.24 0.00	39.73 -0.39 0.00	43.88 -0.50 0.00	41.23 -0.73 0.00	42.66 -0.14 0.00	41.01 -0.14 0.00	44.51 -0.32 0.00	40.30 -0.27 0.00	34.87 0.16 0.00
CHERRYST_13_KV_LD 356241	28.83 1.63 0.00	28.62 1.59 0.00	31.65 1.56 0.00	28.52 1.36 0.00	30.05 1.41 0.00	30.39 1.56 -0.03	38.62 2.22 0.00	277.02 8.56 0.00	89.10 3.05 0.00	47.64 1.50 0.00	44.67 1.20 0.00	48.06 1.37 0.00	46.07 1.61 0.00	48.11 1.83 0.00	44.91 1.89 0.00	44.30 1.98 -0.22	41.78 1.66 0.00	46.32 1.94 0.00	43.78 1.82 0.00	44.63 1.83 0.00	42.66 1.51 0.00	46.30 1.47 0.00	42.15 1.58 0.00	35.92 1.22 0.00

CHESTROR_138KV_BK263 355645	28.27 1.08 0.00	28.11 1.08 0.00	31.13 1.04 0.00	28.05 0.88 0.00	29.56 0.92 0.00	29.80 1.00 0.00	37.84 1.45 0.00	273.25 4.79 0.00	87.80 1.75 0.00	46.89 0.75 0.00	44.05 0.57 0.00	47.42 0.73 0.00	45.40 0.94 0.00	47.37 1.10 0.00	44.16 1.14 0.00	43.52 1.24 -0.19	41.13 1.01 0.00	45.58 1.20 0.00	43.14 1.17 0.00	43.99 1.20 0.00	42.11 0.96 0.00	45.71 0.88 0.00	41.58 1.01 0.00	35.44 0.74 0.00
CH_MIDHUDSON___DRP 24192	28.44 1.25 0.00	28.28 1.25 0.00	31.32 1.23 0.00	28.23 1.06 0.00	29.76 1.11 0.00	29.98 1.18 0.00	38.06 1.66 0.00	274.71 6.26 0.00	88.17 2.12 0.00	47.10 0.96 0.00	44.23 0.76 0.00	47.60 0.91 0.00	45.59 1.13 0.00	47.58 1.30 0.00	44.35 1.32 0.00	43.68 1.44 -0.16	41.34 1.22 0.00	45.83 1.45 0.00	43.40 1.44 0.00	44.26 1.47 0.00	42.36 1.21 0.00	45.96 1.13 0.00	41.76 1.19 0.00	35.57 0.87 0.00
CH_MISC_IPPS 23765	28.58 1.38 0.00	28.41 1.38 0.00	31.46 1.38 0.00	28.36 1.20 0.00	29.88 1.24 0.00	30.13 1.33 0.00	38.28 1.89 0.00	276.46 8.00 0.00	88.72 2.67 0.00	47.40 1.26 0.00	44.53 1.05 0.00	47.92 1.23 0.00	45.89 1.43 0.00	47.91 1.63 0.00	44.65 1.63 0.00	44.01 1.75 -0.17	41.64 1.51 0.00	46.15 1.77 0.00	43.69 1.73 0.00	44.57 1.77 0.00	42.63 1.48 0.00	46.26 1.42 0.00	42.03 1.46 0.00	35.79 1.08 0.00
CH_RES_BVR_FALLS 23983	26.68 -0.51 0.00	26.46 -0.57 0.00	29.35 -0.74 0.00	26.45 -0.72 0.00	27.86 -0.79 0.00	28.03 -0.78 0.00	35.40 -0.99 0.00	261.68 -6.77 0.00	83.97 -2.08 0.00	45.15 -0.99 0.00	42.67 -0.80 0.00	45.80 -0.89 0.00	43.64 -0.83 0.00	45.64 -0.64 0.00	42.40 -0.62 0.00	41.31 -0.78 0.00	39.54 -0.58 0.00	43.78 -0.60 0.00	41.29 -0.68 0.00	42.07 -0.73 0.00	40.41 -0.74 0.00	44.09 -0.75 0.00	39.94 -0.62 0.00	34.12 -0.58 0.00
CH_RES_NIAGARA 23895	26.52 -0.67 0.00	26.17 -0.85 0.00	29.46 -0.63 0.00	26.76 -0.41 0.00	28.24 -0.41 0.00	28.54 -0.26 0.00	35.73 -0.66 0.00	250.90 -17.56 0.00	81.97 -4.08 0.00	43.95 -2.19 0.00	41.06 -2.41 0.00	44.32 -2.37 0.00	42.20 -2.27 0.00	44.06 -2.22 0.00	40.70 -2.32 0.00	39.91 -2.18 0.00	37.35 -2.77 0.00	41.16 -3.22 0.00	38.63 -3.33 0.00	40.01 -2.79 0.00	38.44 -2.71 0.00	41.78 -3.06 0.00	38.13 -2.44 0.00	33.26 -1.44 0.00
CH_RES_SYRACUSE 23985	27.03 -0.17 0.00	26.78 -0.25 0.00	29.91 -0.18 0.00	27.03 -0.14 0.00	28.55 -0.09 0.00	28.76 -0.04 0.00	36.35 -0.04 0.00	271.65 3.19 0.00	87.40 1.35 0.00	46.77 0.63 0.00	43.97 0.50 0.00	47.32 0.63 0.00	45.03 0.57 0.00	46.90 0.62 0.00	43.56 0.53 0.00	42.61 0.52 0.00	40.61 0.49 0.00	44.97 0.59 0.00	42.52 0.56 0.00	43.40 0.60 0.00	41.63 0.48 0.00	45.25 0.42 0.00	40.95 0.38 0.00	34.99 0.29 0.00
CLINTON_WT_PWR 323605	-23.78 -1.38 49.60	-23.78 -1.47 49.33	-23.78 -1.80 52.07	-23.78 -1.67 49.28	-23.60 -1.84 50.41	-23.78 -1.96 50.62	0.69 -2.40 33.31	236.24 -15.54 16.67	36.98 -4.73 44.35	39.55 -1.33 5.26	43.01 -0.46 0.00	46.33 -0.36 0.00	44.04 -0.42 0.00	45.70 -0.57 0.00	42.19 -0.83 0.00	41.16 -0.92 0.00	40.05 -0.07 0.00	44.62 0.24 0.00	42.21 0.24 0.00	42.69 -0.11 0.00	40.86 -0.29 0.00	44.43 -0.40 0.00	40.30 -0.27 0.00	34.67 -0.03 0.00
CLINTON___LFGE 323618	-23.42 -1.02 49.60	-23.44 -1.13 49.33	-23.39 -1.41 52.07	-23.42 -1.31 49.28	-23.18 -1.42 50.41	-23.30 -1.48 50.62	1.32 -1.77 33.31	240.31 -11.47 16.67	38.63 -3.08 44.35	40.07 -0.82 5.26	43.29 -0.18 0.00	46.61 -0.08 0.00	44.29 -0.18 0.00	45.96 -0.32 0.00	42.45 -0.57 0.00	41.41 -0.68 0.00	40.23 0.11 0.00	44.82 0.44 0.00	42.40 0.44 0.00	42.97 0.17 0.00	41.17 0.03 0.00	44.75 -0.08 0.00	40.58 0.01 0.00	34.84 0.14 0.00
COBBLENY_34_KV_TB1 80064	27.28 0.09 0.00	26.91 -0.12 0.00	30.36 0.27 0.00	27.60 0.43 0.00	29.13 0.49 0.00	29.45 0.65 0.00	37.08 0.69 0.00	264.60 -3.85 0.00	85.65 -0.40 0.00	45.97 -0.17 0.00	42.99 -0.48 0.00	46.50 -0.19 0.00	44.19 -0.28 0.00	46.23 -0.05 0.00	42.76 -0.26 0.00	41.96 -0.13 0.00	39.35 -0.77 0.00	43.43 -0.95 0.00	40.78 -1.18 0.00	42.09 -0.70 0.00	40.41 -0.74 0.00	43.89 -0.95 0.00	39.87 -0.70 0.00	34.59 -0.11 0.00
COFFEEN___115KV_TB3 355620	27.31 0.12 0.00	27.13 0.10 0.00	30.23 0.14 0.00	27.28 0.12 0.00	28.69 0.05 0.00	29.00 0.20 0.00	36.90 0.51 0.00	277.44 8.99 0.00	89.99 3.94 0.00	48.26 2.12 0.00	45.25 1.78 0.00	48.91 2.22 0.00	46.36 1.89 0.00	47.94 1.66 0.00	44.03 1.01 0.00	42.75 0.66 0.00	42.23 2.11 0.00	46.83 2.45 0.00	44.37 2.40 0.00	45.32 2.52 0.00	43.16 2.01 0.00	47.09 2.26 0.00	42.47 1.91 0.00	35.72 1.02 0.00
COLDSPRG_115KV_BK1 355956	27.58 0.39 0.00	27.24 0.21 0.00	30.91 0.82 0.00	28.12 0.95 0.00	29.77 1.13 0.00	30.04 1.24 0.00	38.07 1.68 0.00	274.30 5.85 0.00	88.14 2.09 0.00	47.53 1.39 0.00	44.12 0.64 0.00	47.69 1.01 0.00	45.32 0.86 0.00	47.52 1.24 0.00	44.04 1.02 0.00	43.19 1.10 0.00	40.53 0.40 0.00	44.75 0.37 0.00	42.02 0.06 0.00	43.69 0.89 0.00	41.93 0.78 0.00	45.46 0.62 0.00	41.18 0.61 0.00	35.59 0.89 0.00
COLONIE_LFGE___ 323577	28.28 1.09 0.00	28.23 1.21 0.00	31.39 1.30 0.00	28.33 1.16 0.00	29.89 1.25 0.00	30.46 1.24 -0.41	37.91 1.52 0.00	276.53 8.08 0.00	88.31 2.26 0.00	47.05 0.91 0.00	44.40 0.93 0.00	47.64 0.95 0.00	45.50 1.03 0.00	47.28 1.00 0.00	44.02 1.00 0.00	42.93 1.13 0.28	41.09 0.97 0.00	45.71 1.33 0.00	43.34 1.38 0.00	44.26 1.46 0.00	42.48 1.33 0.00	46.06 1.22 0.00	41.74 1.17 0.00	35.56 0.85 0.00
COOPERNY_115KV_TB1 80082	27.92 0.73 0.00	27.76 0.73 0.00	30.82 0.73 0.00	27.79 0.63 0.00	29.30 0.65 0.00	29.50 0.70 0.00	37.41 1.02 0.00	271.71 3.25 0.00	87.15 1.10 0.00	46.62 0.48 0.00	43.82 0.34 0.00	47.13 0.44 0.00	45.07 0.60 0.00	47.02 0.74 0.00	43.80 0.78 0.00	43.08 0.86 -0.13	40.81 0.68 0.00	45.18 0.80 0.00	42.74 0.77 0.00	43.59 0.80 0.00	41.76 0.61 0.00	45.39 0.56 0.00	41.32 0.75 0.00	35.29 0.59 0.00
COPENHAGEN_WT_PWR 323753	26.77 -0.42 0.00	26.65 -0.38 0.00	29.68 -0.40 0.00	26.83 -0.34 0.00	28.14 -0.50 0.00	28.47 -0.34 0.00	36.10 -0.29 0.00	271.84 3.39 0.00	88.29 2.23 0.00	47.34 1.20 0.00	44.45 0.97 0.00	48.13 1.44 0.00	45.67 1.20 0.00	47.39 1.11 0.00	43.60 0.58 0.00	42.29 0.20 0.00	41.62 1.50 0.00	46.07 1.69 0.00	43.57 1.61 0.00	44.48 1.69 0.00	42.34 1.19 0.00	46.27 1.43 0.00	41.79 1.22 0.00	35.11 0.41 0.00
CORNELL_____ 23752	27.50 0.31 0.00	27.23 0.20 0.00	30.57 0.49 0.00	27.64 0.47 0.00	29.17 0.53 0.00	29.41 0.60 0.00	37.26 0.87 0.00	276.45 7.99 0.00	88.29 2.24 0.00	47.28 1.15 0.00	44.49 1.01 0.00	47.82 1.14 0.00	45.43 0.97 0.00	47.47 1.19 0.00	44.09 1.07 0.00	43.22 1.13 0.00	41.16 1.04 0.00	45.63 1.25 0.00	43.16 1.20 0.00	44.09 1.29 0.00	42.22 1.08 0.00	45.83 1.00 0.00	41.38 0.81 0.00	35.42 0.72 0.00

CORONA__69_KV_TB1 355595	29.08 1.88 0.00	28.92 1.89 0.00	32.00 1.91 0.00	28.86 1.69 0.00	36.12 1.78 -5.70	32.08 1.88 -1.40	38.94 2.53 -0.01	235.26 6.37 39.56	88.15 2.09 0.00	47.58 1.44 0.00	44.39 0.91 0.00	47.68 0.99 0.00	45.83 1.37 0.00	48.03 1.75 0.00	45.00 1.98 0.00	44.55 2.23 -0.22	41.78 1.66 0.00	46.10 1.72 0.00	43.64 1.68 0.00	44.61 1.81 0.00	42.53 1.38 0.00	46.54 1.47 -0.23	42.44 1.88 0.00	36.07 1.37 0.00
CORTLAND__115KV_TB3 80093	27.28 0.09 0.00	27.07 0.04 0.00	30.34 0.25 0.00	27.45 0.28 0.00	28.96 0.32 0.00	29.17 0.37 0.00	36.94 0.55 0.00	274.42 5.96 0.00	87.63 1.57 0.00	46.93 0.79 0.00	44.15 0.68 0.00	47.47 0.79 0.00	45.17 0.71 0.00	47.15 0.87 0.00	43.78 0.76 0.00	42.90 0.82 0.00	40.84 0.72 0.00	45.26 0.88 0.00	42.80 0.83 0.00	43.70 0.90 0.00	41.89 0.75 0.00	45.50 0.67 0.00	41.13 0.56 0.00	35.18 0.48 0.00
COXSACKIE__GT 23611	28.72 1.53 0.00	28.64 1.61 0.00	31.94 1.85 0.00	28.85 1.68 0.00	30.44 1.80 0.00	30.07 1.83 0.56	38.85 2.46 0.00	285.36 16.91 0.00	91.15 5.10 0.00	48.54 2.40 0.00	45.58 2.11 0.00	48.93 2.24 0.00	46.59 2.13 0.00	48.14 1.86 0.00	44.64 1.62 0.00	43.63 1.63 0.09	42.00 1.87 0.00	47.20 2.83 0.00	44.96 3.00 0.00	46.07 3.28 0.00	44.08 2.93 0.00	47.66 2.83 0.00	42.90 2.33 0.00	36.48 1.77 0.00
CPV_VALLEY__CC1 323721	28.05 0.86 0.00	27.90 0.87 0.00	30.90 0.81 0.00	27.85 0.68 0.00	29.36 0.71 0.00	29.58 0.78 0.00	37.55 1.16 0.00	271.58 3.13 0.00	87.20 1.15 0.00	46.60 0.46 0.00	43.77 0.30 0.00	47.09 0.40 0.00	45.07 0.61 0.00	47.04 0.76 0.00	43.84 0.82 0.00	43.19 0.94 -0.17	40.85 0.72 0.00	45.24 0.86 0.00	42.81 0.84 0.00	43.66 0.86 0.00	41.79 0.64 0.00	45.40 0.56 0.00	41.29 0.72 0.00	35.20 0.50 0.00
CPV_VALLEY__CC2 323722	28.05 0.86 0.00	27.90 0.87 0.00	30.90 0.81 0.00	27.85 0.68 0.00	29.36 0.71 0.00	29.58 0.78 0.00	37.55 1.16 0.00	271.58 3.13 0.00	87.20 1.15 0.00	46.60 0.46 0.00	43.77 0.30 0.00	47.09 0.40 0.00	45.07 0.61 0.00	47.04 0.76 0.00	43.84 0.82 0.00	43.19 0.94 0.00	40.85 0.72 0.00	45.24 0.86 0.00	42.81 0.84 0.00	43.66 0.86 0.00	41.79 0.64 0.00	45.40 0.56 0.00	41.29 0.72 0.00	35.20 0.50 0.00
CRESCENT__HYD 24018	28.28 1.09 0.00	28.23 1.21 0.00	31.39 1.30 0.00	28.33 1.16 0.00	29.89 1.25 0.00	30.46 1.24 -0.41	37.91 1.52 0.00	276.53 8.08 0.00	88.31 2.26 0.00	47.05 0.91 0.00	44.40 0.93 0.00	47.64 0.95 0.00	45.50 1.03 0.00	47.28 1.00 0.00	44.02 1.00 0.00	42.93 1.13 0.28	41.09 0.97 0.00	45.71 1.33 0.00	43.34 1.38 0.00	44.26 1.46 0.00	42.48 1.33 0.00	46.06 1.22 0.00	41.74 1.17 0.00	35.56 0.85 0.00
CRICKET__VALLEY_CC1 323756	28.16 0.96 0.00	28.02 0.99 0.00	31.02 0.93 0.00	27.95 0.79 0.00	29.45 0.81 0.00	29.73 0.87 -0.05	37.57 1.19 0.00	271.46 3.00 0.00	87.04 0.99 0.00	46.41 0.27 0.00	43.62 0.20 0.05	46.95 0.26 0.00	44.97 0.51 0.00	46.88 0.60 0.00	43.69 0.67 0.00	39.88 0.75 2.97	40.74 0.62 0.00	45.22 0.84 0.00	42.87 0.90 0.00	43.73 0.93 0.00	41.86 0.71 0.00	45.37 0.54 0.00	41.22 0.66 0.00	35.15 0.44 0.00
CRICKET__VALLEY_CC2 323757	28.16 0.96 0.00	28.02 0.99 0.00	31.02 0.93 0.00	27.95 0.79 0.00	29.45 0.81 0.00	29.73 0.87 -0.05	37.57 1.19 0.00	271.46 3.00 0.00	87.04 0.99 0.00	46.41 0.27 0.00	43.62 0.20 0.05	46.95 0.26 0.00	44.97 0.51 0.00	46.88 0.60 0.00	43.69 0.67 0.00	39.88 0.75 2.97	40.74 0.62 0.00	45.22 0.84 0.00	42.87 0.90 0.00	43.73 0.93 0.00	41.86 0.71 0.00	45.37 0.54 0.00	41.22 0.66 0.00	35.15 0.44 0.00
CRICKET__VALLEY_CC3 323758	28.16 0.96 0.00	28.02 0.99 0.00	31.02 0.93 0.00	27.95 0.79 0.00	29.45 0.81 0.00	29.73 0.87 -0.05	37.57 1.19 0.00	271.46 3.00 0.00	87.04 0.99 0.00	46.41 0.27 0.00	43.62 0.20 0.05	46.95 0.26 0.00	44.97 0.51 0.00	46.88 0.60 0.00	43.69 0.67 0.00	39.88 0.75 2.97	40.74 0.62 0.00	45.22 0.84 0.00	42.87 0.90 0.00	43.73 0.93 0.00	41.86 0.71 0.00	45.37 0.54 0.00	41.22 0.66 0.00	35.15 0.44 0.00
CRUCIBLE__METL_DRP 24180	27.02 -0.17 0.00	26.78 -0.25 0.00	29.91 -0.18 0.00	27.03 -0.13 0.00	28.56 -0.09 0.00	28.76 -0.04 0.00	36.35 -0.04 0.00	271.75 3.29 0.00	87.41 1.35 0.00	46.77 0.63 0.00	43.97 0.50 0.00	47.32 0.63 0.00	45.03 0.57 0.00	46.90 0.62 0.00	43.55 0.53 0.00	42.61 0.52 0.00	40.61 0.49 0.00	44.96 0.59 0.00	42.52 0.56 0.00	43.40 0.60 0.00	41.63 0.48 0.00	45.26 0.42 0.00	40.95 0.38 0.00	34.99 0.29 0.00
DAHOWA__HYDRO 323763	28.88 1.69 0.00	28.80 1.77 0.00	32.01 1.92 0.00	28.90 1.74 0.00	30.51 1.87 0.00	31.00 1.92 -0.28	38.91 2.51 0.00	283.37 14.91 0.00	90.51 4.45 0.00	48.13 1.98 0.00	45.41 1.94 0.00	48.71 2.02 0.00	46.51 2.05 0.00	48.27 2.00 0.00	44.91 1.89 0.00	43.97 2.12 0.23	42.14 2.02 0.00	46.97 2.60 0.00	44.63 2.66 0.00	45.57 2.77 0.00	43.67 2.52 0.00	47.21 2.37 0.00	42.67 2.11 0.00	36.32 1.62 0.00
DANC__LFGE 323619	26.78 -0.41 0.00	26.62 -0.41 0.00	29.68 -0.41 0.00	26.82 -0.35 0.00	28.20 -0.45 0.00	28.48 -0.32 0.00	36.07 -0.32 0.00	271.14 2.68 0.00	88.15 2.10 0.00	47.28 1.14 0.00	44.36 0.89 0.00	47.91 1.22 0.00	45.50 1.03 0.00	47.23 0.95 0.00	43.55 0.52 0.00	42.31 0.22 0.00	41.19 1.07 0.00	45.59 1.21 0.00	43.12 1.16 0.00	44.04 1.24 0.00	42.04 0.89 0.00	45.97 1.14 0.00	41.59 1.02 0.00	35.16 0.45 0.00
DANSKAMMER__1 23586	28.58 1.38 0.00	28.41 1.38 0.00	31.46 1.38 0.00	28.36 1.20 0.00	29.88 1.24 0.00	30.13 1.33 0.00	38.28 1.89 0.00	276.46 8.00 0.00	88.72 2.67 0.00	47.40 1.26 0.00	44.53 1.05 0.00	47.92 1.23 0.00	45.89 1.43 0.00	47.91 1.63 0.00	44.65 1.63 0.00	44.01 1.75 -0.17	41.64 1.51 0.00	46.15 1.77 0.00	43.69 1.73 0.00	44.57 1.77 0.00	42.63 1.48 0.00	46.26 1.42 0.00	42.03 1.46 0.00	35.79 1.08 0.00
DANSKAMMER__2 23589	28.58 1.38 0.00	28.41 1.38 0.00	31.46 1.38 0.00	28.36 1.20 0.00	29.88 1.24 0.00	30.13 1.33 0.00	38.28 1.89 0.00	276.46 8.00 0.00	88.72 2.67 0.00	47.40 1.26 0.00	44.53 1.05 0.00	47.92 1.23 0.00	45.89 1.43 0.00	47.91 1.63 0.00	44.65 1.63 0.00	44.01 1.75 -0.17	41.64 1.51 0.00	46.15 1.77 0.00	43.69 1.73 0.00	44.57 1.77 0.00	42.63 1.48 0.00	46.26 1.42 0.00	42.03 1.46 0.00	35.79 1.08 0.00
DANSKAMMER__3 23590	28.58 1.38 0.00	28.41 1.38 0.00	31.46 1.38 0.00	28.36 1.20 0.00	29.88 1.24 0.00	30.13 1.33 0.00	38.28 1.89 0.00	276.46 8.00 0.00	88.72 2.67 0.00	47.40 1.26 0.00	44.53 1.05 0.00	47.92 1.23 0.00	45.89 1.43 0.00	47.91 1.63 0.00	44.65 1.63 0.00	44.01 1.75 -0.17	41.64 1.51 0.00	46.15 1.77 0.00	43.69 1.73 0.00	44.57 1.77 0.00	42.63 1.48 0.00	46.26 1.42 0.00	42.03 1.46 0.00	35.79 1.08 0.00

DANSKAMMER___4 23591	28.58 1.38 0.00	28.41 1.38 0.00	31.46 1.38 0.00	28.36 1.20 0.00	29.88 1.24 0.00	30.13 1.33 0.00	38.28 1.89 0.00	276.46 8.00 0.00	88.72 2.67 0.00	47.40 1.26 0.00	44.53 1.05 0.00	47.92 1.23 0.00	45.89 1.43 0.00	47.91 1.63 0.00	44.65 1.63 0.00	44.01 1.75 -0.17	41.64 1.51 0.00	46.15 1.77 0.00	43.69 1.73 0.00	44.57 1.77 0.00	42.63 1.48 0.00	46.26 1.42 0.00	42.03 1.46 0.00	35.79 1.08 0.00
DANSKAMMER___DIESEL 23592	28.58 1.39 0.00	28.41 1.38 0.00	31.47 1.38 0.00	28.36 1.20 0.00	29.88 1.24 0.00	30.13 1.33 0.00	38.28 1.89 0.00	276.46 8.00 0.00	88.72 2.67 0.00	47.40 1.26 0.00	44.53 1.05 0.00	47.92 1.23 0.00	45.89 1.43 0.00	47.91 1.63 0.00	44.65 1.63 0.00	44.01 1.75 -0.17	41.63 1.51 0.00	46.15 1.77 0.00	43.69 1.73 0.00	44.57 1.77 0.00	42.63 1.49 0.00	46.25 1.42 0.00	42.03 1.46 0.00	35.79 1.08 0.00
DARBY___SOLAR 323810	28.74 1.55 0.00	28.65 1.62 0.00	31.85 1.76 0.00	28.76 1.60 0.00	30.36 1.72 0.00	30.85 1.75 -0.30	38.67 2.28 0.00	281.77 13.32 0.00	90.00 3.94 0.00	47.87 1.73 0.00	45.17 1.70 0.00	48.45 1.76 0.00	46.26 1.80 0.00	48.01 1.73 0.00	44.69 1.67 0.00	43.72 1.88 0.24	41.90 1.78 0.00	46.69 2.31 0.00	44.33 2.37 0.00	45.28 2.48 0.00	43.40 2.25 0.00	46.95 2.11 0.00	42.47 1.90 0.00	36.15 1.45 0.00
DASHVILLE___HYD 23610	28.20 1.01 0.00	28.03 1.00 0.00	31.05 0.96 0.00	27.98 0.82 0.00	29.48 0.83 0.00	29.56 0.90 0.14	37.72 1.33 0.00	272.25 3.79 0.00	87.36 1.31 0.00	46.70 0.56 0.00	43.85 0.38 0.00	47.18 0.49 0.00	45.27 0.80 0.00	47.30 1.02 0.00	44.11 1.09 0.00	43.39 1.21 -0.09	41.03 0.91 0.00	45.43 1.05 0.00	42.97 1.01 0.00	43.83 1.03 0.00	41.93 0.78 0.00	45.52 0.69 0.00	41.40 0.83 0.00	35.27 0.57 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	28.05 0.86 0.00	27.93 0.90 0.00	30.82 0.73 0.00	28.04 0.87 0.00	35.33 0.99 -5.70	31.02 0.82 -1.40	37.71 1.31 -0.01	215.95 -10.81 41.70	82.00 -3.05 0.99	45.63 -0.51 0.00	36.47 -1.19 5.81	39.87 -1.31 5.50	35.77 -0.85 7.85	33.11 -0.40 12.77	38.09 0.15 5.08	42.85 0.53 -0.22	40.21 0.08 0.00	44.28 -0.10 0.00	42.18 0.22 0.00	43.16 0.36 0.00	41.10 -0.06 0.00	44.91 -0.15 -0.23	40.84 0.27 0.00	34.33 -0.38 0.00
DELAWARE___LFGE 323621	27.81 0.62 0.00	27.64 0.61 0.00	30.90 0.81 0.00	27.88 0.71 0.00	29.39 0.75 0.00	29.53 0.73 0.00	37.38 0.98 0.00	273.76 5.30 0.00	87.47 1.41 0.00	46.86 0.72 0.00	44.08 0.61 0.00	47.39 0.70 0.00	45.20 0.73 0.00	47.12 0.84 0.00	43.90 0.87 0.00	43.07 0.98 0.00	40.99 0.87 0.00	45.35 0.97 0.00	42.87 0.90 0.00	43.75 0.95 0.00	41.93 0.78 0.00	45.61 0.78 0.00	41.36 0.79 0.00	35.36 0.65 0.00
DERFIELD_115KV_TB7 355931	27.27 0.07 0.00	27.12 0.09 0.00	30.21 0.12 0.00	27.28 0.11 0.00	28.76 0.11 0.00	28.91 0.10 0.00	36.55 0.15 0.00	269.70 1.24 0.00	86.31 0.25 0.00	46.22 0.08 0.00	43.51 0.04 0.00	46.73 0.04 0.00	44.55 0.09 0.00	46.40 0.12 0.00	43.15 0.13 0.00	42.25 0.17 0.00	40.25 0.13 0.00	44.56 0.19 0.00	42.17 0.21 0.00	43.01 0.22 0.00	41.31 0.16 0.00	44.97 0.13 0.00	40.69 0.13 0.00	34.75 0.04 0.00
DOGLEVILLE___HYD 23807	27.42 0.23 0.00	27.44 0.41 0.00	30.70 0.62 0.00	27.71 0.54 0.00	29.28 0.64 0.00	29.46 0.66 0.00	37.29 0.90 0.00	267.96 -0.50 0.00	85.46 -0.59 0.00	45.34 -0.80 0.00	42.65 -0.82 0.00	45.62 -1.07 0.00	43.33 -1.13 0.00	44.56 -1.72 0.00	41.71 -1.31 0.00	41.62 -0.46 0.00	39.40 -0.73 0.00	44.24 -0.13 0.00	42.26 0.30 0.00	43.16 0.37 0.00	41.38 0.23 0.00	44.73 -0.11 0.00	40.42 -0.14 0.00	34.26 -0.44 0.00
DUNKIRK___115KV_TB_200 55889	26.87 -0.32 0.00	26.53 -0.49 0.00	30.17 0.08 0.00	27.51 0.34 0.00	29.09 0.45 0.00	29.33 0.53 0.00	37.01 0.62 0.00	267.28 -1.18 0.00	85.37 -0.68 0.00	46.08 -0.06 0.00	43.07 -0.40 0.00	46.64 -0.04 0.00	44.41 -0.06 0.00	46.58 0.30 0.00	43.10 0.08 0.00	42.24 0.15 0.00	39.64 -0.48 0.00	43.78 -0.60 0.00	41.14 -0.83 0.00	42.55 -0.25 0.00	40.89 -0.26 0.00	44.41 -0.42 0.00	40.20 -0.37 0.00	34.79 0.09 0.00
DUNKIRK___1 23563	26.87 -0.32 0.00	26.53 -0.49 0.00	30.17 0.08 0.00	27.51 0.34 0.00	29.09 0.45 0.00	29.33 0.53 0.00	37.01 0.62 0.00	267.28 -1.18 0.00	85.37 -0.68 0.00	46.08 -0.06 0.00	43.07 -0.40 0.00	46.64 -0.04 0.00	44.41 -0.06 0.00	46.58 0.30 0.00	43.10 0.08 0.00	42.24 0.15 0.00	39.64 -0.48 0.00	43.78 -0.60 0.00	41.14 -0.83 0.00	42.55 -0.25 0.00	40.89 -0.26 0.00	44.41 -0.42 0.00	40.20 -0.37 0.00	34.79 0.09 0.00
DUNKIRK___2 23564	26.87 -0.32 0.00	26.53 -0.49 0.00	30.17 0.08 0.00	27.51 0.34 0.00	29.09 0.45 0.00	29.33 0.53 0.00	37.01 0.62 0.00	267.28 -1.18 0.00	85.37 -0.68 0.00	46.08 -0.06 0.00	43.07 -0.40 0.00	46.64 -0.04 0.00	44.41 -0.06 0.00	46.58 0.30 0.00	43.10 0.08 0.00	42.24 0.15 0.00	39.64 -0.48 0.00	43.78 -0.60 0.00	41.14 -0.83 0.00	42.55 -0.25 0.00	40.89 -0.26 0.00	44.41 -0.42 0.00	40.20 -0.37 0.00	34.79 0.09 0.00
DUNKIRK___3 23565	26.90 -0.29 0.00	26.57 -0.45 0.00	30.15 0.06 0.00	27.46 0.29 0.00	29.04 0.39 0.00	29.30 0.49 0.00	36.94 0.55 0.00	265.90 -2.55 0.00	85.18 -0.88 0.00	45.89 -0.24 0.00	42.92 -0.55 0.00	46.44 -0.25 0.00	44.17 -0.29 0.00	46.31 0.03 0.00	42.86 -0.16 0.00	42.00 -0.09 0.00	39.41 -0.71 0.00	43.52 -0.86 0.00	40.88 -1.08 0.00	42.24 -0.56 0.00	40.58 -0.57 0.00	44.07 -0.77 0.00	39.95 -0.61 0.00	34.62 -0.08 0.00
DUNKIRK___4 23566	26.90 -0.29 0.00	26.57 -0.45 0.00	30.15 0.06 0.00	27.46 0.29 0.00	29.04 0.39 0.00	29.30 0.49 0.00	36.94 0.55 0.00	265.90 -2.55 0.00	85.18 -0.88 0.00	45.89 -0.24 0.00	42.92 -0.55 0.00	46.44 -0.25 0.00	44.17 -0.29 0.00	46.31 0.03 0.00	42.86 -0.16 0.00	42.00 -0.09 0.00	39.41 -0.71 0.00	43.52 -0.86 0.00	40.88 -1.08 0.00	42.24 -0.56 0.00	40.58 -0.57 0.00	44.07 -0.77 0.00	39.95 -0.61 0.00	34.62 -0.08 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.62 1.42 0.00	28.44 1.41 0.00	31.46 1.37 0.00	28.35 1.18 0.00	29.88 1.24 0.00	30.17 1.34 -0.03	38.31 1.92 0.00	275.27 6.81 0.00	88.45 2.40 0.00	47.28 1.14 0.00	44.35 0.87 0.00	47.71 1.02 0.00	45.73 1.27 0.00	47.76 1.48 0.00	44.57 1.55 0.00	43.97 1.66 -0.22	41.48 1.36 0.00	45.97 1.59 0.00	43.49 1.53 0.00	44.34 1.54 0.00	42.40 1.25 0.00	46.02 1.19 0.00	41.90 1.34 0.00	35.70 0.99 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.41 1.22 0.00	28.24 1.21 0.00	31.26 1.17 0.00	28.17 1.01 0.00	29.69 1.05 0.00	29.93 1.13 0.00	38.03 1.64 0.00	274.59 6.13 0.00	88.18 2.13 0.00	47.11 0.97 0.00	44.23 0.76 0.00	47.61 0.92 0.00	45.61 1.14 0.00	47.60 1.33 0.00	44.37 1.35 0.00	43.73 1.47 -0.17	41.37 1.24 0.00	45.82 1.44 0.00	43.37 1.41 0.00	44.25 1.45 0.00	42.32 1.17 0.00	45.94 1.10 0.00	41.76 1.19 0.00	35.58 0.88 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	28.77 1.57 0.00	28.61 1.58 0.00	31.66 1.57 0.00	28.57 1.40 0.00	30.06 1.42 0.00	30.39 1.56 -0.03	38.62 2.23 0.00	276.27 7.82 0.00	89.02 2.97 0.00	47.51 1.37 0.00	44.57 1.10 0.00	47.93 1.24 0.00	45.89 1.43 0.00	47.91 1.63 0.00	44.70 1.67 0.00	44.11 1.79 -0.22	41.63 1.51 0.00	46.09 1.71 0.00	43.64 1.68 0.00	44.53 1.73 0.00	42.59 1.45 0.00	46.28 1.45 0.00	42.10 1.53 0.00	35.92 1.21 0.00
E179THST_13_KV_LOAD 356214	28.88 1.69 0.00	28.72 1.69 0.00	31.78 1.69 0.00	28.68 1.51 0.00	30.17 1.53 0.00	30.52 1.69 -0.03	38.79 2.40 0.00	277.61 9.15 0.00	89.43 3.37 0.00	47.74 1.60 0.00	44.76 1.29 0.00	48.17 1.48 0.00	46.11 1.65 0.00	48.15 1.87 0.00	44.91 1.89 0.00	44.32 2.01 -0.22	41.83 1.71 0.00	46.32 1.94 0.00	43.84 1.89 0.00	44.75 1.95 0.00	42.80 1.65 0.00	46.50 1.66 0.00	42.29 1.72 0.00	36.08 1.37 0.00
EAST HAMPTON___GT 23717	27.80 0.61 0.00	27.69 0.66 0.00	30.39 0.30 0.00	27.67 0.50 0.00	35.00 0.66 -5.70	30.68 0.48 -1.40	37.28 0.88 -0.01	211.07 -15.69 41.70	80.56 -4.49 1.00	45.16 -0.98 0.00	35.87 -1.73 5.86	39.22 -1.91 5.55	35.24 -1.31 7.92	32.54 -0.85 12.89	37.66 -0.23 5.13	42.34 0.03 -0.22	39.80 -0.32 0.00	43.66 -0.72 0.00	41.71 -0.26 0.00	42.61 -0.19 0.00	40.70 -0.45 0.00	44.55 -0.51 -0.23	40.46 -0.11 0.00	33.88 -0.82 0.00
EAST RIVER___6 23660	28.78 1.59 0.00	28.59 1.56 0.00	31.61 1.52 0.00	28.48 1.32 0.00	30.02 1.38 0.00	30.33 1.50 -0.03	38.51 2.12 0.00	276.04 7.58 0.00	88.83 2.78 0.00	47.49 1.36 0.00	44.56 1.08 0.00	47.93 1.25 0.00	45.95 1.48 0.00	47.98 1.70 0.00	44.80 1.78 0.00	44.17 1.86 -0.22	41.66 1.54 0.00	46.20 1.82 0.00	43.71 1.75 0.00	44.56 1.76 0.00	42.62 1.47 0.00	46.25 1.41 0.00	42.09 1.52 0.00	35.87 1.17 0.00
EAST RIVER___7 23524	28.78 1.59 0.00	28.59 1.56 0.00	31.61 1.52 0.00	28.48 1.32 0.00	30.02 1.38 0.00	30.33 1.50 -0.03	38.51 2.12 0.00	276.04 7.58 0.00	88.83 2.78 0.00	47.49 1.36 0.00	44.56 1.08 0.00	47.93 1.25 0.00	45.95 1.48 0.00	47.98 1.70 0.00	44.80 1.78 0.00	44.17 1.86 -0.22	41.66 1.54 0.00	46.20 1.82 0.00	43.71 1.75 0.00	44.56 1.76 0.00	42.62 1.47 0.00	46.25 1.41 0.00	42.09 1.52 0.00	35.87 1.17 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.58 1.38 0.00	28.40 1.37 0.00	31.42 1.33 0.00	28.32 1.15 0.00	29.84 1.20 0.00	30.13 1.30 -0.03	38.26 1.87 0.00	274.97 6.52 0.00	88.36 2.30 0.00	47.23 1.09 0.00	44.31 0.84 0.00	47.66 0.98 0.00	45.69 1.23 0.00	47.70 1.42 0.00	44.50 1.48 0.00	43.91 1.60 -0.22	41.43 1.31 0.00	45.90 1.53 0.00	43.44 1.47 0.00	44.29 1.50 0.00	42.35 1.20 0.00	45.97 1.14 0.00	41.84 1.27 0.00	35.65 0.95 0.00
EAST_HAMPTON___DIESEL 23722	27.74 0.55 0.00	27.63 0.60 0.00	30.31 0.22 0.00	27.59 0.42 0.00	34.93 0.59 -5.70	30.60 0.40 -1.40	37.18 0.78 -0.01	210.46 -16.30 41.70	80.38 -4.67 1.00	45.04 -1.10 0.00	35.75 -1.86 5.86	39.08 -2.06 5.55	35.12 -1.43 7.91	32.43 -0.97 12.88	37.56 -0.33 5.13	42.23 -0.08 -0.22	39.70 -0.42 0.00	43.52 -0.86 0.00	41.58 -0.38 0.00	42.48 -0.32 0.00	40.60 -0.55 0.00	44.46 -0.61 -0.23	40.36 -0.21 0.00	33.79 -0.91 0.00
EAST_POINT___SOLAR 323840	28.89 1.70 0.00	28.61 1.58 0.00	31.84 1.75 0.00	28.75 1.58 0.00	30.32 1.68 0.00	30.70 1.77 -0.13	38.96 2.57 0.00	288.00 19.55 0.00	92.20 6.14 0.00	49.31 3.17 0.00	46.36 2.89 0.00	49.37 2.68 0.00	46.18 1.72 0.00	47.52 1.25 0.00	44.42 1.41 0.00	44.00 2.06 0.14	42.54 2.41 0.00	47.48 3.10 0.00	45.17 3.21 0.00	46.25 3.45 0.00	44.31 3.16 0.00	48.07 3.23 0.00	43.39 2.82 0.00	36.99 2.28 0.00
EAST_PULASKI___ESR 323781	26.80 -0.40 0.00	26.61 -0.42 0.00	29.70 -0.39 0.00	26.84 -0.33 0.00	28.28 -0.36 0.00	28.52 -0.28 0.00	36.06 -0.33 0.00	271.19 2.73 0.00	88.57 2.51 0.00	47.49 1.35 0.00	44.55 1.08 0.00	48.00 1.31 0.00	45.61 1.14 0.00	47.33 1.05 0.00	43.68 0.66 0.00	42.50 0.41 0.00	40.93 0.81 0.00	45.30 0.92 0.00	42.87 0.90 0.00	43.79 0.99 0.00	41.93 0.78 0.00	45.90 1.07 0.00	41.61 1.04 0.00	35.38 0.68 0.00
EAST_RIVER___1 323558	28.74 1.55 0.00	28.55 1.52 0.00	31.57 1.49 0.00	28.45 1.29 0.00	29.98 1.33 0.00	30.30 1.47 -0.03	38.49 2.10 0.00	276.11 7.65 0.00	88.81 2.76 0.00	47.47 1.33 0.00	44.52 1.05 0.00	47.90 1.21 0.00	45.92 1.45 0.00	47.94 1.67 0.00	44.75 1.73 0.00	44.14 1.83 -0.22	41.64 1.52 0.00	46.16 1.78 0.00	43.66 1.70 0.00	44.50 1.70 0.00	42.54 1.39 0.00	46.18 1.34 0.00	42.04 1.47 0.00	35.82 1.12 0.00
EAST_RIVER___2 323559	28.78 1.59 0.00	28.59 1.56 0.00	31.61 1.52 0.00	28.48 1.32 0.00	30.02 1.38 0.00	30.33 1.50 -0.03	38.51 2.12 0.00	276.04 7.58 0.00	88.83 2.78 0.00	47.49 1.36 0.00	44.56 1.08 0.00	47.93 1.25 0.00	45.95 1.48 0.00	47.98 1.70 0.00	44.80 1.78 0.00	44.17 1.86 -0.22	41.66 1.54 0.00	46.20 1.82 0.00	43.71 1.75 0.00	44.56 1.76 0.00	42.62 1.47 0.00	46.25 1.41 0.00	42.09 1.52 0.00	35.87 1.17 0.00
EAST___DELAWARE_HYD 23607	27.55 0.36 0.00	27.38 0.35 0.00	30.32 0.23 0.00	27.32 0.15 0.00	28.80 0.15 0.00	29.01 0.23 0.03	36.91 0.52 0.00	267.38 -1.08 0.00	85.82 -0.23 0.00	45.83 -0.31 0.00	43.02 -0.45 0.00	46.29 -0.40 0.00	44.45 -0.01 0.00	46.37 0.10 0.00	43.17 0.15 0.00	42.57 0.35 -0.14	40.29 0.17 0.00	44.67 0.29 0.00	42.29 0.33 0.00	43.14 0.34 0.00	41.28 0.12 0.00	44.78 -0.05 0.00	40.72 0.15 0.00	34.68 -0.03 0.00
EIGHT_POINT___WT_PWR 323820	26.64 -0.55 0.00	25.74 -1.29 0.00	29.48 -0.61 0.00	26.85 -0.32 0.00	27.98 -0.66 0.00	28.50 -0.30 0.00	36.10 -0.29 0.00	271.25 2.79 0.00	86.87 0.82 0.00	46.05 -0.09 0.00	42.66 -0.81 0.00	45.79 -0.90 0.00	43.10 -1.36 0.00	45.45 -0.83 0.00	42.61 -0.41 0.00	42.58 0.49 0.00	39.93 -0.19 0.00	43.79 -0.59 0.00	41.43 -0.53 0.00	43.03 0.23 0.00	41.14 -0.01 0.00	44.33 -0.51 0.00	39.72 -0.85 0.00	34.13 -0.58 0.00
ELBRIDGE_115KV_TB2 80188	26.88 -0.31 0.00	26.66 -0.37 0.00	29.80 -0.29 0.00	26.95 -0.22 0.00	28.48 -0.16 0.00	28.70 -0.11 0.00	36.25 -0.14 0.00	270.37 1.92 0.00	86.89 0.84 0.00	46.44 0.30 0.00	43.63 0.16 0.00	46.99 0.30 0.00	44.72 0.26 0.00	46.58 0.30 0.00	43.31 0.28 0.00	42.39 0.30 0.00	40.34 0.22 0.00	44.66 0.28 0.00	42.21 0.25 0.00	43.11 0.31 0.00	41.37 0.22 0.00	44.93 0.10 0.00	40.66 0.09 0.00	34.75 0.05 0.00
ELEC_TRO_TEK 24086	28.93 1.74 0.00	28.78 1.75 0.00	31.86 1.77 0.00	28.73 1.57 0.00	35.98 1.64 -5.70	31.94 1.74 -1.40	38.77 2.37 -0.01	230.41 5.20 43.25	87.02 1.72 0.76	47.36 1.22 0.00	44.20 0.72 0.00	47.47 0.78 0.00	45.63 1.17 0.00	47.80 1.52 0.00	44.77 1.75 0.00	44.31 1.99 -0.22	41.58 1.46 0.00	45.91 1.53 0.00	43.46 1.49 0.00	44.41 1.62 0.00	42.33 1.18 0.00	46.30 1.24 -0.23	42.20 1.63 0.00	35.86 1.15 0.00

ELLENBURG_WT_PWR 323604	-23.78 -1.38 49.60	-23.78 -1.47 49.33	-23.78 -1.80 52.07	-23.78 -1.67 49.28	-23.60 -1.84 50.41	-23.78 -1.96 50.62	0.69 -2.40 33.31	236.24 -15.54 16.67	36.98 -4.73 44.35	39.55 -1.33 5.26	43.01 -0.46 0.00	46.33 -0.36 0.00	44.04 -0.42 0.00	45.70 -0.57 0.00	42.19 -0.83 0.00	41.16 -0.92 0.00	40.05 -0.07 0.00	44.62 0.24 0.00	42.21 0.24 0.00	42.69 -0.11 0.00	40.86 -0.29 0.00	44.43 -0.40 0.00	40.30 -0.27 0.00	34.67 -0.03 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.05 -0.15 0.00	26.70 -0.33 0.00	30.11 0.02 0.00	27.35 0.18 0.00	28.87 0.23 0.00	29.19 0.39 0.00	36.68 0.29 0.00	260.30 -8.16 0.00	84.49 -1.56 0.00	45.38 -0.77 0.00	42.42 -1.05 0.00	45.84 -0.85 0.00	43.58 -0.89 0.00	45.57 -0.71 0.00	42.16 -0.86 0.00	41.34 -0.74 0.00	38.76 -1.37 0.00	42.76 -1.62 0.00	40.13 -1.83 0.00	41.50 -1.30 0.00	39.84 -1.31 0.00	43.26 -1.58 0.00	39.35 -1.22 0.00	34.19 -0.51 0.00
EMPIRE_CC_1 323656	28.11 0.91 0.00	28.05 1.02 0.00	31.19 1.10 0.00	28.15 0.99 0.00	29.69 1.04 0.00	30.27 1.03 -0.44	37.63 1.23 0.00	274.04 5.58 0.00	87.53 1.48 0.00	46.66 0.52 0.00	44.02 0.56 0.01	47.24 0.55 0.00	45.15 0.69 0.00	46.94 0.66 0.00	43.72 0.70 0.00	42.52 0.80 0.37	40.75 0.63 0.00	45.30 0.92 0.00	42.91 0.94 0.00	43.81 1.02 0.00	42.07 0.92 0.00	45.65 0.81 0.00	41.41 0.84 0.00	35.29 0.59 0.00
EMPIRE_CC_2 323658	28.11 0.91 0.00	28.05 1.02 0.00	31.19 1.10 0.00	28.15 0.99 0.00	29.69 1.04 0.00	30.27 1.03 -0.44	37.63 1.23 0.00	274.04 5.58 0.00	87.53 1.48 0.00	46.66 0.52 0.00	44.02 0.56 0.01	47.24 0.55 0.00	45.15 0.69 0.00	46.94 0.66 0.00	43.72 0.70 0.00	42.52 0.80 0.37	40.75 0.63 0.00	45.30 0.92 0.00	42.91 0.94 0.00	43.81 1.02 0.00	42.07 0.92 0.00	45.65 0.81 0.00	41.41 0.84 0.00	35.29 0.59 0.00
ENORWICH_115KV_TB1 80156	28.35 1.16 0.00	27.79 0.77 0.00	31.56 1.47 0.00	28.24 1.07 0.00	29.92 1.28 0.00	30.32 1.52 0.00	38.49 2.10 0.00	284.63 16.18 0.00	90.21 4.16 0.00	48.28 2.14 0.00	45.59 2.11 0.00	49.06 2.38 0.00	46.54 2.08 0.00	48.78 2.50 0.00	45.35 2.33 0.00	44.54 2.45 0.00	42.69 2.57 0.00	47.37 2.99 0.00	44.94 2.98 0.00	45.75 2.95 0.00	43.48 2.33 0.00	47.18 2.35 0.00	42.43 1.86 0.00	36.39 1.69 0.00
ERIE_ST__34_KV_TB1-2 80199	27.44 0.25 0.00	27.08 0.05 0.00	30.55 0.46 0.00	27.76 0.59 0.00	29.31 0.66 0.00	29.63 0.83 0.00	37.31 0.92 0.00	266.50 -1.96 0.00	86.23 0.18 0.00	46.31 0.16 0.00	43.31 -0.16 0.00	46.81 0.12 0.00	44.46 0.00 0.00	46.48 0.21 0.00	43.05 0.03 0.00	42.23 0.14 0.00	39.61 -0.51 0.00	43.71 -0.67 0.00	41.04 -0.93 0.00	42.38 -0.42 0.00	40.68 -0.47 0.00	44.14 -0.70 0.00	40.10 -0.47 0.00	34.80 0.09 0.00
ERIE_WT_PWR 323693	27.19 0.00 0.00	26.83 -0.19 0.00	30.27 0.18 0.00	27.50 0.34 0.00	29.03 0.38 0.00	29.36 0.56 0.00	36.91 0.52 0.00	262.53 -5.93 0.00	85.11 -0.95 0.00	45.71 -0.43 0.00	42.76 -0.71 0.00	46.22 -0.47 0.00	43.89 -0.58 0.00	45.93 -0.35 0.00	42.51 -0.51 0.00	41.71 -0.37 0.00	39.07 -1.05 0.00	43.12 -1.26 0.00	40.48 -1.48 0.00	41.87 -0.93 0.00	40.17 -0.97 0.00	43.59 -1.24 0.00	39.66 -0.91 0.00	34.44 -0.27 0.00
ESPRGFLD_115KV_TB1 80157	28.28 1.09 0.00	27.97 0.94 0.00	31.22 1.14 0.00	28.20 1.03 0.00	29.69 1.04 0.00	30.01 1.11 -0.09	38.05 1.65 0.00	282.04 13.58 0.00	90.20 4.15 0.00	48.43 2.29 0.00	45.59 2.12 0.00	48.93 2.24 0.00	46.47 2.00 0.00	48.34 2.06 0.00	44.94 1.92 0.00	44.02 2.02 0.09	42.21 2.09 0.00	46.74 2.36 0.00	44.16 2.20 0.00	45.10 2.31 0.00	43.18 2.02 0.00	46.99 2.15 0.00	42.50 1.93 0.00	36.35 1.65 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.47 0.27 0.00	27.20 0.18 0.00	30.54 0.45 0.00	27.60 0.43 0.00	29.14 0.50 0.00	29.37 0.57 0.00	37.21 0.82 0.00	276.08 7.62 0.00	88.13 2.08 0.00	47.22 1.08 0.00	44.43 0.96 0.00	47.76 1.07 0.00	45.38 0.92 0.00	47.41 1.14 0.00	44.03 1.01 0.00	43.16 1.07 0.00	41.11 0.99 0.00	45.56 1.18 0.00	43.11 1.15 0.00	44.02 1.22 0.00	42.18 1.03 0.00	45.77 0.94 0.00	41.33 0.76 0.00	35.38 0.68 0.00
ETNA____115KV_TB2 80207	27.47 0.27 0.00	27.20 0.18 0.00	30.54 0.45 0.00	27.60 0.43 0.00	29.14 0.50 0.00	29.37 0.57 0.00	37.21 0.82 0.00	276.08 7.62 0.00	88.13 2.08 0.00	47.22 1.08 0.00	44.43 0.96 0.00	47.76 1.07 0.00	45.38 0.92 0.00	47.41 1.14 0.00	44.03 1.01 0.00	43.16 1.07 0.00	41.11 0.99 0.00	45.56 1.18 0.00	43.11 1.15 0.00	44.02 1.22 0.00	42.18 1.03 0.00	45.77 0.94 0.00	41.33 0.76 0.00	35.38 0.68 0.00
EUCLID____115KV_TB2 356179	26.80 -0.40 0.00	26.60 -0.42 0.00	29.72 -0.37 0.00	26.85 -0.32 0.00	28.33 -0.31 0.00	28.54 -0.26 0.00	36.03 -0.36 0.00	268.70 0.25 0.00	86.28 0.23 0.00	46.26 0.12 0.00	43.55 0.08 0.00	46.83 0.14 0.00	44.57 0.11 0.00	46.43 0.15 0.00	43.14 0.11 0.00	42.22 0.13 0.00	40.22 0.10 0.00	44.51 0.13 0.00	42.10 0.14 0.00	42.96 0.16 0.00	41.22 0.07 0.00	44.81 -0.02 0.00	40.58 0.01 0.00	34.69 -0.01 0.00
E_CANADA_CAP_HY 24051	28.67 1.47 0.00	28.38 1.35 0.00	31.57 1.48 0.00	28.51 1.34 0.00	30.03 1.39 0.00	30.38 1.46 -0.12	38.50 2.11 0.00	285.56 17.11 0.00	91.46 5.41 0.00	49.01 2.87 0.00	46.17 2.70 0.00	49.40 2.71 0.00	46.81 2.35 0.00	48.43 2.15 0.00	45.01 1.99 0.00	44.14 2.18 0.13	42.52 2.40 0.00	47.25 2.87 0.00	44.73 2.77 0.00	45.75 2.95 0.00	43.83 2.68 0.00	47.67 2.83 0.00	43.10 2.53 0.00	36.82 2.12 0.00
E_CANADA_MHWK_HY 24050	27.42 0.23 0.00	27.44 0.41 0.00	30.70 0.62 0.00	27.71 0.54 0.00	29.28 0.64 0.00	29.46 0.66 0.00	37.29 0.90 0.00	267.96 -0.50 0.00	85.46 -0.59 0.00	45.34 -0.80 0.00	42.65 -0.82 0.00	45.62 -1.07 0.00	43.33 -1.13 0.00	44.56 -1.72 0.00	41.71 -1.31 0.00	41.62 -0.46 0.00	39.40 -0.73 0.00	44.24 -0.13 0.00	42.26 0.30 0.00	43.16 0.37 0.00	41.38 0.23 0.00	44.73 -0.11 0.00	40.42 -0.14 0.00	34.26 -0.44 0.00
E_FISHKILL____LBMP 23776	28.35 1.16 0.00	28.20 1.17 0.00	31.23 1.14 0.00	28.15 0.98 0.00	29.66 1.02 0.00	29.92 1.09 -0.03	37.93 1.53 0.00	273.55 5.10 0.00	87.75 1.70 0.00	46.89 0.75 0.00	44.06 0.58 0.00	47.38 0.69 0.00	45.38 0.92 0.00	47.35 1.07 0.00	44.16 1.14 0.00	43.55 1.24 -0.23	41.13 1.01 0.00	45.59 1.21 0.00	43.16 1.20 0.00	44.02 1.23 0.00	42.12 0.97 0.00	45.73 0.89 0.00	41.58 1.01 0.00	35.44 0.74 0.00
FALCON____SEABRD_CC1 323796	-23.65 -1.25 49.60	-23.66 -1.35 49.33	-23.64 -1.66 52.07	-23.64 -1.53 49.28	-23.42 -1.66 50.41	-23.56 -1.74 50.62	0.96 -2.12 33.31	237.70 -14.09 16.67	37.69 -4.02 44.35	39.67 -1.21 5.26	42.97 -0.51 0.00	46.27 -0.42 0.00	43.99 -0.47 0.00	45.65 -0.63 0.00	42.16 -0.86 0.00	41.13 -0.95 0.00	40.00 -0.12 0.00	44.58 0.20 0.00	42.17 0.21 0.00	42.68 -0.11 0.00	40.89 -0.26 0.00	44.44 -0.40 0.00	40.30 -0.26 0.00	34.64 -0.07 0.00

FALCON___SEABRD_CC2 323797	-23.65 -1.25 49.60	-23.66 -1.35 49.33	-23.64 -1.66 52.07	-23.64 -1.53 49.28	-23.42 -1.66 50.41	-23.56 -1.74 50.62	0.96 -2.12 33.31	237.70 -14.09 16.67	37.69 -4.02 44.35	39.67 -1.21 5.26	42.97 -0.51 0.00	46.27 -0.42 0.00	43.99 -0.47 0.00	45.65 -0.63 0.00	42.16 -0.86 0.00	41.13 -0.95 0.00	40.00 -0.12 0.00	44.58 0.20 0.00	42.17 0.21 0.00	42.68 -0.11 0.00	40.89 -0.26 0.00	44.44 -0.40 0.00	40.30 -0.26 0.00	34.64 -0.07 0.00
FAR ROCKAWAY___4 23548	29.26 2.07 0.00	29.09 2.06 0.00	32.21 2.12 0.00	29.04 1.87 0.00	36.30 1.96 -5.70	32.28 2.09 -1.40	39.20 2.80 -0.01	237.21 8.32 39.56	88.78 2.73 0.00	47.96 1.82 0.00	44.73 1.26 0.00	48.05 1.36 0.00	46.20 1.74 0.00	48.41 2.13 0.00	45.37 2.35 0.00	44.90 2.59 -0.22	42.13 2.00 0.00	46.49 2.11 0.00	44.00 2.04 0.00	44.98 2.18 0.00	42.87 1.72 0.00	46.89 1.83 -0.23	42.74 2.17 0.00	36.32 1.62 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.76 1.56 0.00	28.56 1.54 0.00	31.58 1.49 0.00	28.47 1.30 0.00	30.00 1.36 0.00	30.31 1.48 -0.03	38.51 2.12 0.00	276.30 7.84 0.00	88.87 2.82 0.00	47.50 1.36 0.00	44.55 1.07 0.00	47.93 1.25 0.00	45.95 1.48 0.00	47.98 1.70 0.00	44.79 1.76 0.00	44.17 1.86 -0.22	41.67 1.55 0.00	46.19 1.81 0.00	43.67 1.71 0.00	44.51 1.71 0.00	42.55 1.40 0.00	46.20 1.37 0.00	42.06 1.49 0.00	35.85 1.14 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.77 1.58 0.00	28.57 1.54 0.00	31.59 1.50 0.00	28.47 1.30 0.00	30.00 1.36 0.00	30.32 1.49 -0.03	38.53 2.14 0.00	276.37 7.92 0.00	88.87 2.82 0.00	47.50 1.36 0.00	44.54 1.07 0.00	47.93 1.24 0.00	45.94 1.48 0.00	47.98 1.70 0.00	44.79 1.76 0.00	44.17 1.86 -0.22	41.67 1.55 0.00	46.19 1.81 0.00	43.67 1.71 0.00	44.52 1.72 0.00	42.56 1.41 0.00	46.21 1.37 0.00	42.07 1.50 0.00	35.86 1.15 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.75 1.55 0.00	28.56 1.53 0.00	31.57 1.48 0.00	28.45 1.29 0.00	29.98 1.34 0.00	30.30 1.47 -0.03	38.50 2.11 0.00	276.21 7.75 0.00	88.84 2.79 0.00	47.48 1.34 0.00	44.53 1.05 0.00	47.91 1.22 0.00	45.92 1.46 0.00	47.96 1.68 0.00	44.76 1.74 0.00	44.15 1.83 -0.22	41.65 1.53 0.00	46.16 1.78 0.00	43.65 1.69 0.00	44.49 1.69 0.00	42.53 1.38 0.00	46.17 1.34 0.00	42.04 1.47 0.00	35.83 1.13 0.00
FARRAGUT___LBMP 323566	28.73 1.53 0.00	28.54 1.51 0.00	31.55 1.46 0.00	28.44 1.27 0.00	29.96 1.32 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	275.94 7.49 0.00	88.75 2.69 0.00	47.43 1.29 0.00	44.48 1.01 0.00	47.86 1.17 0.00	45.88 1.41 0.00	47.91 1.63 0.00	44.71 1.69 0.00	44.10 1.79 -0.22	41.61 1.49 0.00	46.12 1.74 0.00	43.62 1.65 0.00	44.46 1.66 0.00	42.50 1.35 0.00	46.14 1.31 0.00	42.00 1.43 0.00	35.80 1.10 0.00
FENNER___WINDPWR 24204	27.40 0.21 0.00	27.20 0.17 0.00	30.40 0.31 0.00	27.50 0.33 0.00	28.99 0.34 0.00	29.22 0.42 0.00	37.02 0.63 0.00	275.10 6.65 0.00	88.13 2.08 0.00	47.18 1.04 0.00	44.36 0.89 0.00	47.60 0.92 0.00	45.31 0.85 0.00	47.30 1.02 0.00	43.90 0.87 0.00	43.04 0.96 0.00	41.08 0.96 0.00	45.57 1.19 0.00	43.13 1.17 0.00	44.00 1.21 0.00	42.19 1.04 0.00	45.82 0.99 0.00	41.40 0.83 0.00	35.27 0.56 0.00
FIBERTEK___ENERGY 23856	27.02 -0.17 0.00	26.78 -0.25 0.00	29.91 -0.18 0.00	27.03 -0.13 0.00	28.56 -0.09 0.00	28.76 -0.04 0.00	36.35 -0.04 0.00	271.75 3.29 0.00	87.41 1.35 0.00	46.77 0.63 0.00	43.97 0.50 0.00	47.32 0.63 0.00	45.03 0.57 0.00	46.90 0.62 0.00	43.55 0.53 0.00	42.61 0.52 0.00	40.61 0.49 0.00	44.96 0.59 0.00	42.52 0.56 0.00	43.40 0.60 0.00	41.63 0.48 0.00	45.26 0.42 0.00	40.95 0.38 0.00	34.99 0.29 0.00
FITZPATRICK____ 23598	26.42 -0.78 0.00	26.24 -0.79 0.00	29.28 -0.81 0.00	26.46 -0.71 0.00	27.90 -0.74 0.00	28.10 -0.70 0.00	35.45 -0.95 0.00	268.51 0.06 0.00	86.18 0.13 0.00	45.92 -0.22 0.00	43.02 -0.45 0.00	46.25 -0.44 0.00	44.03 -0.43 0.00	45.87 -0.41 0.00	42.63 -0.39 0.00	41.73 -0.36 0.00	39.75 -0.37 0.00	43.99 -0.39 0.00	41.60 -0.36 0.00	42.45 -0.34 0.00	40.77 -0.38 0.00	44.30 -0.54 0.00	40.11 -0.45 0.00	34.32 -0.38 0.00
FLOWRFLD_69_KV_BK1 356044	28.78 1.59 0.00	28.67 1.64 0.00	31.76 1.68 0.00	28.71 1.54 0.00	35.98 1.64 -5.70	31.86 1.66 -1.40	38.68 2.28 -0.01	225.46 -1.23 41.77	85.30 -0.35 0.40	46.85 0.71 0.00	44.16 0.14 -0.55	47.27 0.06 -0.51	45.59 0.39 -0.73	48.34 0.87 -1.19	44.79 1.30 -0.48	44.02 1.71 -0.22	41.24 1.12 0.00	45.57 1.19 0.00	43.23 1.27 0.00	44.30 1.51 0.00	42.12 0.97 0.00	46.02 0.96 -0.23	41.88 1.31 0.00	35.41 0.71 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.63 1.44 0.00	28.46 1.43 0.00	31.52 1.44 0.00	28.42 1.25 0.00	29.94 1.29 0.00	30.19 1.38 0.00	38.36 1.97 0.00	277.00 8.54 0.00	88.89 2.84 0.00	47.49 1.36 0.00	44.62 1.14 0.00	48.02 1.33 0.00	45.99 1.52 0.00	48.01 1.73 0.00	44.74 1.71 0.00	44.11 1.84 -0.18	41.72 1.60 0.00	46.24 1.86 0.00	43.78 1.82 0.00	44.68 1.88 0.00	42.73 1.58 0.00	46.34 1.50 0.00	42.10 1.54 0.00	35.85 1.15 0.00
FORT ORANGE____ 23900	27.80 0.61 0.00	27.72 0.69 0.00	30.84 0.75 0.00	27.84 0.67 0.00	29.36 0.71 0.00	28.59 0.70 0.91	37.30 0.91 0.00	272.05 3.59 0.00	86.95 0.89 0.00	46.40 0.26 0.00	43.72 0.25 0.00	46.91 0.22 0.00	44.82 0.36 0.00	46.59 0.31 0.00	43.37 0.35 0.00	42.37 0.46 0.19	40.52 0.40 0.00	45.08 0.70 0.00	42.72 0.76 0.00	43.66 0.87 0.00	41.87 0.72 0.00	45.43 0.60 0.00	41.13 0.56 0.00	35.03 0.33 0.00
FORT_DRUM_COGEN 23780	27.07 -0.12 0.00	26.91 -0.12 0.00	29.96 -0.13 0.00	27.08 -0.09 0.00	28.44 -0.20 0.00	28.74 -0.06 0.00	36.52 0.12 0.00	274.42 5.96 0.00	88.98 2.93 0.00	47.73 1.59 0.00	44.80 1.33 0.00	48.43 1.74 0.00	45.94 1.48 0.00	47.63 1.36 0.00	43.82 0.80 0.00	42.49 0.40 0.00	41.82 1.69 0.00	46.33 1.95 0.00	43.86 1.90 0.00	44.79 1.99 0.00	42.67 1.52 0.00	46.61 1.77 0.00	42.07 1.50 0.00	35.39 0.69 0.00
FOX_HILLS___ESR 323835	28.79 1.60 0.00	28.61 1.58 0.00	31.64 1.55 0.00	28.52 1.35 0.00	30.03 1.39 0.00	30.36 1.53 -0.03	38.48 2.09 0.00	43.54 6.71 231.63	43.82 2.60 44.83	39.50 1.19 7.82	39.40 0.93 4.99	39.43 1.07 8.33	39.00 1.35 6.81	39.19 1.57 8.66	38.83 1.60 5.79	39.56 1.78 4.31	38.26 1.50 3.36	37.65 1.70 8.43	37.89 1.63 5.71	39.25 1.68 5.23	39.11 1.40 3.44	39.96 1.37 6.24	39.28 1.49 2.77	35.90 1.26 0.07
FPL FAR_ROCK_GT1 24212	29.26 2.07 0.00	29.09 2.06 0.00	32.21 2.12 0.00	29.04 1.87 0.00	36.30 1.96 -5.70	32.28 2.09 -1.40	39.20 2.80 -0.01	237.20 8.31 39.56	88.78 2.73 0.00	47.96 1.82 0.00	44.73 1.26 0.00	48.04 1.35 0.00	46.20 1.73 0.00	48.41 2.13 0.00	45.37 2.35 0.00	44.90 2.59 -0.22	42.12 2.00 0.00	46.49 2.11 0.00	44.00 2.04 0.00	44.97 2.18 0.00	42.87 1.72 0.00	46.89 1.83 -0.23	42.74 2.17 0.00	36.32 1.62 0.00



FPL FAR_ROCK_GT2 23815	29.26 2.07 0.00	29.09 2.06 0.00	32.21 2.12 0.00	29.04 1.87 0.00	36.30 1.96 -5.70	32.28 2.09 -1.40	39.20 2.80 -0.01	237.20 8.31 39.56	88.78 2.73 0.00	47.96 1.82 0.00	44.73 1.26 0.00	48.04 1.35 0.00	46.20 1.73 0.00	48.41 2.13 0.00	45.37 2.35 0.00	44.90 2.59 -0.22	42.12 2.00 0.00	46.49 2.11 0.00	44.00 2.04 0.00	44.97 2.18 0.00	42.87 1.72 0.00	46.89 1.83 -0.23	42.74 2.17 0.00	36.32 1.62 0.00
FRANKLIN_FALL_HYD 24054	26.70 -0.50 0.00	26.43 -0.61 0.00	29.27 -0.82 0.00	26.41 -0.76 0.00	27.81 -0.83 0.00	27.95 -0.85 0.00	35.41 -0.98 0.00	261.97 -6.48 0.00	84.63 -1.43 0.00	45.88 -0.26 0.00	43.59 0.11 0.00	46.82 0.13 0.00	44.39 -0.07 0.00	46.10 -0.18 0.00	42.63 -0.39 0.00	41.43 -0.65 0.00	40.02 -0.10 0.00	44.44 0.06 0.00	42.00 0.04 0.00	42.73 -0.07 0.00	41.06 -0.09 0.00	44.90 0.06 0.00	40.72 0.15 0.00	34.93 0.22 0.00
FREEPORT_EQUS_GT1 23764	29.04 1.85 0.00	28.89 1.86 0.00	31.97 1.88 0.00	28.84 1.67 0.00	36.10 1.75 -5.70	32.05 1.85 -1.40	38.90 2.50 -0.01	215.62 4.39 57.23	83.78 1.37 3.64	47.42 1.28 0.00	44.21 0.73 0.00	47.29 0.60 0.00	45.44 0.98 0.00	47.67 1.39 0.00	44.70 1.67 0.00	44.31 1.99 -0.22	41.66 1.54 0.00	45.99 1.61 0.00	43.52 1.56 0.00	44.41 1.61 0.00	42.38 1.23 0.00	46.41 1.35 -0.23	42.34 1.77 0.00	35.93 1.22 0.00
FREEPORT___CT2 23818	29.04 1.85 0.00	28.89 1.86 0.00	31.97 1.88 0.00	28.84 1.67 0.00	36.10 1.75 -5.70	32.05 1.85 -1.40	38.90 2.50 -0.01	215.62 4.39 57.23	83.78 1.37 3.64	47.42 1.28 0.00	44.21 0.73 0.00	47.29 0.60 0.00	45.44 0.98 0.00	47.67 1.39 0.00	44.70 1.67 0.00	44.31 1.99 -0.22	41.66 1.54 0.00	45.99 1.61 0.00	43.52 1.56 0.00	44.41 1.61 0.00	42.38 1.23 0.00	46.41 1.35 -0.23	42.34 1.77 0.00	35.93 1.22 0.00
FRESHKLS_33_KV_LOAD 356253	28.80 1.61 0.00	28.63 1.60 0.00	31.67 1.58 0.00	28.54 1.37 0.00	30.05 1.40 0.00	30.39 1.56 -0.03	38.47 2.08 0.00	43.12 6.30 231.63	43.76 2.53 44.83	39.45 1.13 7.82	39.35 0.88 4.99	39.37 1.01 8.33	38.95 1.30 6.81	39.14 1.52 8.66	38.79 1.56 5.79	39.53 1.76 4.31	38.24 1.48 3.36	37.64 1.69 8.43	37.87 1.61 5.71	39.23 1.66 5.23	39.09 1.39 3.44	39.93 1.34 6.24	39.27 1.47 2.77	35.92 1.28 0.07
FULTON COGEN____ 23766	26.73 -0.46 0.00	26.53 -0.49 0.00	29.62 -0.46 0.00	26.77 -0.40 0.00	28.24 -0.40 0.00	28.45 -0.35 0.00	35.92 -0.47 0.00	270.19 1.74 0.00	88.29 2.24 0.00	47.35 1.21 0.00	44.48 1.01 0.00	47.83 1.14 0.00	45.51 1.04 0.00	47.31 1.03 0.00	43.79 0.76 0.00	42.74 0.65 0.00	40.82 0.70 0.00	45.23 0.85 0.00	42.78 0.81 0.00	43.69 0.89 0.00	41.89 0.74 0.00	45.71 0.87 0.00	41.40 0.83 0.00	35.34 0.64 0.00
FULTON___LFGE 323630	28.72 1.53 0.00	28.49 1.46 0.00	31.71 1.62 0.00	28.63 1.46 0.00	30.18 1.54 0.00	30.54 1.60 -0.13	38.68 2.29 0.00	285.30 16.85 0.00	91.27 5.22 0.00	48.69 2.55 0.00	45.80 2.34 0.00	48.99 2.30 0.00	46.49 2.03 0.00	47.81 1.53 0.00	44.46 1.44 0.00	43.82 1.88 0.15	42.18 2.06 0.00	47.08 2.70 0.00	44.73 2.77 0.00	45.80 3.00 0.00	43.88 2.73 0.00	47.64 2.81 0.00	43.03 2.46 0.00	36.69 1.99 0.00
G.F.CEMENT___DRP 24184	29.16 1.96 0.00	29.05 2.02 0.00	32.24 2.15 0.00	29.14 1.97 0.00	30.79 2.15 0.00	31.28 2.22 -0.26	39.36 2.97 0.00	286.46 18.00 0.00	91.49 5.44 0.00	48.61 2.47 0.00	45.96 2.50 0.00	49.23 2.54 0.00	47.03 2.56 0.00	48.79 2.51 0.00	45.41 2.39 0.00	44.48 2.61 0.22	42.67 2.55 0.00	47.60 3.22 0.00	45.23 3.27 0.00	46.19 3.39 0.00	44.21 3.06 0.00	47.69 2.86 0.00	43.08 2.51 0.00	36.63 1.93 0.00
GARDENVILLE___LBMP 24039	27.10 -0.10 0.00	26.74 -0.29 0.00	30.18 0.09 0.00	27.41 0.24 0.00	28.94 0.30 0.00	29.26 0.45 0.00	36.79 0.40 0.00	261.77 -6.68 0.00	84.81 -1.24 0.00	45.55 -0.59 0.00	42.60 -0.88 0.00	46.04 -0.65 0.00	43.74 -0.72 0.00	45.77 -0.51 0.00	42.36 -0.67 0.00	41.54 -0.54 0.00	38.95 -1.18 0.00	42.97 -1.40 0.00	40.35 -1.62 0.00	41.72 -1.08 0.00	40.04 -1.11 0.00	43.47 -1.36 0.00	39.52 -1.05 0.00	34.32 -0.38 0.00
GARDNVLA_35_KV_LD 355827	27.21 0.02 0.00	26.85 -0.18 0.00	30.30 0.21 0.00	27.53 0.36 0.00	29.05 0.41 0.00	29.38 0.57 0.00	36.94 0.55 0.00	263.02 -5.44 0.00	85.18 -0.87 0.00	45.75 -0.39 0.00	42.80 -0.67 0.00	46.27 -0.42 0.00	43.97 -0.50 0.00	45.98 -0.30 0.00	42.56 -0.46 0.00	41.76 -0.33 0.00	39.14 -0.99 0.00	43.19 -1.19 0.00	40.55 -1.41 0.00	41.91 -0.88 0.00	40.24 -0.91 0.00	43.67 -1.17 0.00	39.69 -0.88 0.00	34.46 -0.24 0.00
GELCKHM__115KV_LOAD 80723	26.89 -0.31 0.00	26.66 -0.37 0.00	29.79 -0.30 0.00	26.92 -0.25 0.00	28.41 -0.23 0.00	28.61 -0.19 0.00	36.15 -0.25 0.00	269.80 1.35 0.00	86.70 0.65 0.00	46.45 0.31 0.00	43.71 0.24 0.00	47.01 0.32 0.00	44.75 0.29 0.00	46.61 0.33 0.00	43.30 0.28 0.00	42.37 0.28 0.00	40.37 0.25 0.00	44.69 0.31 0.00	42.27 0.31 0.00	43.14 0.34 0.00	41.38 0.23 0.00	44.98 0.15 0.00	40.70 0.14 0.00	34.80 0.09 0.00
GENERAL___MILLS 23808	27.17 -0.03 0.00	26.82 -0.22 0.00	30.25 0.16 0.00	27.49 0.32 0.00	29.02 0.37 0.00	29.34 0.54 0.00	36.89 0.50 0.00	262.50 -5.96 0.00	85.05 -1.00 0.00	45.67 -0.47 0.00	42.72 -0.75 0.00	46.18 -0.51 0.00	43.88 -0.59 0.00	45.89 -0.39 0.00	42.48 -0.54 0.00	41.67 -0.42 0.00	39.06 -1.07 0.00	43.10 -1.28 0.00	40.46 -1.50 0.00	41.83 -0.97 0.00	40.16 -0.99 0.00	43.59 -1.25 0.00	39.62 -0.95 0.00	34.41 -0.30 0.00
GE_PLASTICS___DRP 24183	27.74 0.55 0.00	27.66 0.63 0.00	30.79 0.69 0.00	27.78 0.62 0.00	29.30 0.65 0.00	28.68 0.64 0.76	37.20 0.80 0.00	271.09 2.64 0.00	86.73 0.67 0.00	46.31 0.17 0.00	43.64 0.17 0.00	46.85 0.16 0.00	44.75 0.29 0.00	46.53 0.26 0.00	43.31 0.29 0.00	42.34 0.41 0.17	40.45 0.33 0.00	44.95 0.57 0.00	42.57 0.61 0.00	43.48 0.68 0.00	41.71 0.56 0.00	45.28 0.45 0.00	41.03 0.46 0.00	34.97 0.26 0.00
GILBOA___1 23756	27.79 0.59 0.00	27.77 0.74 0.00	31.08 0.99 0.00	28.05 0.88 0.00	29.56 0.91 0.00	29.50 0.69 0.00	37.24 0.85 0.00	271.57 3.11 0.00	86.51 0.46 0.00	46.40 0.26 0.00	43.68 0.20 0.00	46.92 0.23 0.00	44.82 0.36 0.00	46.70 0.42 0.00	43.51 0.48 0.00	42.69 0.61 0.00	40.55 0.42 0.00	44.85 0.47 0.00	42.38 0.42 0.00	43.29 0.50 0.00	41.59 0.44 0.00	45.31 0.47 0.00	41.10 0.53 0.00	35.10 0.40 0.00
GILBOA___2 23757	27.79 0.59 0.00	27.77 0.74 0.00	31.08 0.99 0.00	28.05 0.88 0.00	29.56 0.91 0.00	29.50 0.69 0.00	37.24 0.85 0.00	271.57 3.11 0.00	86.51 0.46 0.00	46.40 0.26 0.00	43.68 0.20 0.00	46.92 0.23 0.00	44.82 0.36 0.00	46.70 0.42 0.00	43.51 0.48 0.00	42.69 0.61 0.00	40.55 0.42 0.00	44.85 0.47 0.00	42.38 0.42 0.00	43.29 0.50 0.00	41.59 0.44 0.00	45.31 0.47 0.00	41.10 0.53 0.00	35.10 0.40 0.00

GILBOA___3 23758	27.79 0.59 0.00	27.77 0.74 0.00	31.08 0.99 0.00	28.05 0.88 0.00	29.56 0.91 0.00	29.50 0.69 0.00	37.24 0.85 0.00	271.57 3.11 0.00	86.51 0.46 0.00	46.40 0.26 0.00	43.68 0.20 0.00	46.92 0.23 0.00	44.82 0.36 0.00	46.70 0.42 0.00	43.51 0.48 0.00	42.69 0.61 0.00	40.55 0.42 0.00	44.85 0.47 0.00	42.38 0.42 0.00	43.29 0.50 0.00	41.59 0.44 0.00	45.31 0.47 0.00	41.10 0.53 0.00	35.10 0.40 0.00
GILBOA___4 23759	27.79 0.59 0.00	27.77 0.74 0.00	31.08 0.99 0.00	28.05 0.88 0.00	29.56 0.91 0.00	29.50 0.69 0.00	37.24 0.85 0.00	271.57 3.11 0.00	86.51 0.46 0.00	46.40 0.26 0.00	43.68 0.20 0.00	46.92 0.23 0.00	44.82 0.36 0.00	46.70 0.42 0.00	43.51 0.48 0.00	42.69 0.61 0.00	40.55 0.42 0.00	44.85 0.47 0.00	42.38 0.42 0.00	43.29 0.50 0.00	41.59 0.44 0.00	45.31 0.47 0.00	41.10 0.53 0.00	35.10 0.40 0.00
GILBOA___ 23599	27.79 0.59 0.00	27.77 0.74 0.00	31.08 0.99 0.00	28.05 0.88 0.00	29.56 0.92 0.00	29.50 0.70 0.00	37.24 0.85 0.00	271.50 3.05 0.00	86.51 0.46 0.00	46.40 0.25 0.00	43.67 0.20 0.00	46.92 0.23 0.00	44.82 0.36 0.00	46.70 0.42 0.00	43.51 0.48 0.00	42.70 0.61 0.00	40.55 0.42 0.00	44.85 0.47 0.00	42.38 0.42 0.00	43.29 0.50 0.00	41.59 0.44 0.00	45.31 0.47 0.00	41.10 0.53 0.00	35.10 0.40 0.00
GINNA___ 23603	26.12 -1.08 0.00	25.83 -1.20 0.00	28.90 -1.19 0.00	26.14 -1.03 0.00	27.60 -1.05 0.00	27.88 -0.92 0.00	35.21 -1.18 0.00	255.37 -13.08 0.00	82.83 -3.22 0.00	44.45 -1.69 0.00	41.67 -1.80 0.00	44.90 -1.80 0.00	42.68 -1.79 0.00	44.54 -1.74 0.00	41.27 -1.75 0.00	40.43 -1.66 0.00	38.16 -1.97 0.00	42.17 -2.21 0.00	39.70 -2.26 0.00	40.86 -1.94 0.00	39.11 -2.04 0.00	42.39 -2.44 0.00	38.43 -2.14 0.00	33.14 -1.56 0.00
GLEN PARK___ 23778	27.25 0.06 0.00	27.07 0.04 0.00	30.16 0.07 0.00	27.23 0.06 0.00	28.63 -0.02 0.00	28.93 0.13 0.00	36.80 0.41 0.00	276.73 8.27 0.00	89.74 3.68 0.00	48.12 1.98 0.00	45.14 1.67 0.00	48.78 2.08 0.00	46.26 1.80 0.00	47.87 1.59 0.00	43.96 0.94 0.00	42.69 0.60 0.00	42.13 2.01 0.00	46.70 2.32 0.00	44.24 2.28 0.00	45.19 2.39 0.00	43.04 1.89 0.00	46.97 2.13 0.00	42.38 1.82 0.00	35.64 0.94 0.00
GLENDALE_27_KV_LOAD 356172	28.86 1.67 0.00	28.67 1.64 0.00	31.71 1.62 0.00	28.59 1.42 0.00	30.11 1.47 0.00	30.45 1.62 -0.03	38.70 2.31 0.00	277.61 9.15 0.00	89.35 3.30 0.00	47.74 1.60 0.00	44.74 1.27 0.00	48.14 1.45 0.00	46.14 1.67 0.00	48.16 1.88 0.00	44.93 1.91 0.00	44.34 2.03 -0.22	41.83 1.71 0.00	46.33 1.96 0.00	43.83 1.87 0.00	44.68 1.89 0.00	42.72 1.57 0.00	46.39 1.56 0.00	42.20 1.64 0.00	36.00 1.29 0.00
GLENWOOD_IC_1_G5 23712	29.05 1.85 0.00	28.89 1.86 0.00	31.97 1.88 0.00	28.84 1.67 0.00	36.10 1.75 -5.70	32.06 1.86 -1.40	38.94 2.53 -0.01	229.75 6.38 45.09	86.86 1.95 1.14	47.38 1.23 0.00	44.12 0.65 0.00	47.38 0.69 0.00	45.86 1.40 0.00	48.06 1.78 0.00	45.00 1.98 0.00	44.54 2.23 -0.22	41.79 1.66 0.00	45.81 1.43 0.00	43.37 1.41 0.00	44.33 1.53 0.00	42.24 1.09 0.00	46.22 1.15 -0.23	42.39 1.83 0.00	35.99 1.29 0.00
GLENWOOD_IC_2_G1 23688	28.98 1.79 0.00	28.83 1.80 0.00	31.91 1.82 0.00	28.77 1.61 0.00	36.03 1.69 -5.70	31.99 1.79 -1.40	38.84 2.44 -0.01	233.20 5.90 41.16	87.61 1.89 0.33	47.42 1.28 0.00	44.25 0.77 0.00	47.52 0.83 0.00	45.75 1.28 0.00	47.92 1.64 0.00	44.87 1.85 0.00	44.41 2.10 -0.22	41.69 1.57 0.00	45.97 1.59 0.00	43.51 1.55 0.00	44.47 1.67 0.00	42.38 1.23 0.00	46.35 1.29 -0.23	42.29 1.73 0.00	35.92 1.22 0.00
GLENWOOD_IC_3_G1 23689	28.98 1.79 0.00	28.83 1.80 0.00	31.91 1.82 0.00	28.77 1.61 0.00	36.03 1.69 -5.70	31.99 1.79 -1.40	38.84 2.44 -0.01	233.20 5.90 41.16	87.61 1.89 0.33	47.42 1.28 0.00	44.25 0.77 0.00	47.52 0.83 0.00	45.75 1.28 0.00	47.92 1.64 0.00	44.87 1.85 0.00	44.41 2.10 -0.22	41.69 1.57 0.00	45.97 1.59 0.00	43.51 1.55 0.00	44.47 1.67 0.00	42.38 1.23 0.00	46.35 1.29 -0.23	42.29 1.73 0.00	35.92 1.22 0.00
GLENWOOD___4 23550	29.05 1.85 0.00	28.89 1.86 0.00	31.97 1.88 0.00	28.84 1.67 0.00	36.10 1.75 -5.70	32.06 1.86 -1.40	38.94 2.53 -0.01	229.75 6.38 45.09	86.92 2.00 1.14	47.44 1.30 0.00	44.22 0.74 0.00	47.49 0.80 0.00	45.86 1.40 0.00	48.06 1.78 0.00	45.00 1.98 0.00	44.54 2.23 -0.22	41.79 1.67 0.00	45.92 1.55 0.00	43.48 1.51 0.00	44.43 1.63 0.00	42.34 1.19 0.00	46.32 1.26 -0.23	42.39 1.83 0.00	35.99 1.29 0.00
GLENWOOD___5 23614	29.05 1.85 0.00	28.89 1.86 0.00	31.97 1.88 0.00	28.84 1.67 0.00	36.10 1.75 -5.70	32.06 1.86 -1.40	38.94 2.53 -0.01	229.75 6.38 45.09	86.92 2.00 1.14	47.44 1.30 0.00	44.22 0.74 0.00	47.49 0.80 0.00	45.86 1.40 0.00	48.06 1.78 0.00	45.00 1.98 0.00	44.54 2.23 -0.22	41.79 1.67 0.00	45.92 1.55 0.00	43.48 1.51 0.00	44.43 1.63 0.00	42.34 1.19 0.00	46.32 1.26 -0.23	42.39 1.83 0.00	35.99 1.29 0.00
GLOBAL GREEN_PORT_GT1 23814	28.03 0.83 0.00	27.91 0.88 0.00	30.72 0.63 0.00	27.94 0.77 0.00	35.27 0.92 -5.70	30.96 0.76 -1.40	37.64 1.24 -0.01	210.84 -15.91 41.70	80.67 -4.38 1.01	45.59 -0.55 0.00	36.26 -1.28 5.93	39.64 -1.42 5.62	35.54 -0.91 8.01	32.79 -0.44 13.04	37.98 0.14 5.19	42.78 0.47 -0.22	40.19 0.07 0.00	44.18 -0.20 0.00	42.14 0.18 0.00	43.10 0.30 0.00	41.09 -0.06 0.00	44.93 -0.13 -0.23	40.82 0.25 0.00	34.23 -0.47 0.00
GLOBE___DSASP 323697	26.47 -0.72 0.00	26.12 -0.90 0.00	29.40 -0.69 0.00	26.70 -0.47 0.00	28.18 -0.46 0.00	28.48 -0.32 0.00	35.66 -0.73 0.00	250.36 -18.10 0.00	81.80 -4.25 0.00	43.86 -2.28 0.00	40.98 -2.49 0.00	44.23 -2.46 0.00	42.11 -2.35 0.00	43.97 -2.31 0.00	40.62 -2.41 0.00	39.83 -2.26 0.00	37.27 -2.85 0.00	41.07 -3.31 0.00	38.54 -3.43 0.00	39.92 -2.88 0.00	38.35 -2.80 0.00	41.68 -3.15 0.00	38.04 -2.53 0.00	33.19 -1.51 0.00
GOETHSLN___LBMP 323567	28.63 1.43 0.00	28.44 1.41 0.00	31.41 1.32 0.00	28.31 1.14 0.00	29.82 1.18 0.00	30.14 1.31 -0.03	38.30 1.91 0.00	174.61 5.74 99.59	87.59 2.16 0.62	47.13 0.99 0.00	42.81 0.72 1.38	47.57 0.88 0.00	45.24 1.14 0.36	47.65 1.37 0.00	44.48 1.46 0.00	43.86 1.55 -0.22	41.38 1.25 0.00	45.86 1.48 0.00	43.35 1.39 0.00	44.18 1.38 0.00	42.24 1.09 0.00	45.88 1.05 0.00	41.80 1.23 0.00	35.64 0.93 0.00
GOLAH___69_KV_TB 1_2 80279	27.54 0.35 0.00	27.19 0.16 0.00	30.45 0.36 0.00	27.56 0.39 0.00	29.08 0.44 0.00	29.42 0.62 0.00	37.15 0.76 0.00	266.64 -1.81 0.00	86.69 0.63 0.00	46.51 0.37 0.00	43.57 0.10 0.00	46.98 0.29 0.00	44.60 0.14 0.00	46.57 0.29 0.00	43.08 0.06 0.00	42.20 0.12 0.00	39.77 -0.35 0.00	43.98 -0.39 0.00	41.38 -0.58 0.00	42.68 -0.12 0.00	40.85 -0.30 0.00	44.28 -0.56 0.00	40.18 -0.38 0.00	34.71 0.00 0.00

GOODYEAR_LAKE_HYD 323669	28.01 0.82 0.00	27.77 0.74 0.00	31.04 0.95 0.00	28.03 0.87 0.00	29.52 0.88 0.00	29.75 0.91 -0.04	37.68 1.29 0.00	277.17 8.72 0.00	88.60 2.54 0.00	47.51 1.37 0.00	44.70 1.22 0.00	48.05 1.36 0.00	45.75 1.29 0.00	47.72 1.44 0.00	44.42 1.40 0.00	43.59 1.50 0.00	41.55 1.43 0.00	45.96 1.59 0.00	43.43 1.47 0.00	44.35 1.55 0.00	42.45 1.30 0.00	46.16 1.32 0.00	41.81 1.24 0.00	35.74 1.04 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.06 -0.13 0.00	26.87 -0.16 0.00	30.25 0.16 0.00	27.44 0.27 0.00	28.95 0.31 0.00	29.17 0.37 0.00	36.91 0.52 0.00	273.11 4.65 0.00	86.63 0.58 0.00	46.42 0.28 0.00	43.63 0.16 0.00	47.00 0.31 0.00	44.70 0.24 0.00	46.70 0.42 0.00	43.40 0.38 0.00	42.52 0.44 0.00	40.35 0.23 0.00	44.67 0.29 0.00	42.17 0.21 0.00	43.06 0.26 0.00	41.32 0.17 0.00	44.93 0.09 0.00	40.67 0.10 0.00	34.90 0.20 0.00
GOUDEY___7 23579	27.06 -0.13 0.00	26.87 -0.16 0.00	30.25 0.16 0.00	27.44 0.27 0.00	28.95 0.31 0.00	29.17 0.37 0.00	36.91 0.52 0.00	273.11 4.65 0.00	86.63 0.58 0.00	46.42 0.28 0.00	43.63 0.16 0.00	47.00 0.31 0.00	44.70 0.24 0.00	46.70 0.42 0.00	43.40 0.38 0.00	42.52 0.44 0.00	40.35 0.23 0.00	44.67 0.29 0.00	42.17 0.21 0.00	43.06 0.26 0.00	41.32 0.17 0.00	44.93 0.09 0.00	40.67 0.10 0.00	34.90 0.20 0.00
GOUDEY___8 23580	27.06 -0.13 0.00	26.87 -0.16 0.00	30.25 0.16 0.00	27.44 0.27 0.00	28.95 0.31 0.00	29.17 0.37 0.00	36.91 0.52 0.00	273.11 4.65 0.00	86.63 0.58 0.00	46.42 0.28 0.00	43.63 0.16 0.00	47.00 0.31 0.00	44.70 0.24 0.00	46.70 0.42 0.00	43.40 0.38 0.00	42.52 0.44 0.00	40.35 0.23 0.00	44.67 0.29 0.00	42.17 0.21 0.00	43.06 0.26 0.00	41.32 0.17 0.00	44.93 0.09 0.00	40.67 0.10 0.00	34.90 0.20 0.00
GOWANUS_GT1_1 24077	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT1_2 24078	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT1_3 24079	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT1_4 24080	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3															

GOWANUS_GT2_4 24117	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT2_5 24118	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT2_6 24119	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT2_7 24120	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT2_8 24121	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT3_1 24122	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT3_2 24123	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT3_3 24124	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT3_4 24125	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT3_5 24126	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT3_6 24127	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT3_7 24128	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT3_8 24129	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT4_1 24130	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT4_2 24131	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00

GOWANUS_GT4_3 24132	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT4_4 24133	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT4_5 24134	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT4_6 24135	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT4_7 24136	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GOWANUS_GT4_8 24137	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GREENBSH_115KV_TB3 55895	27.67 0.47 0.00	27.60 0.57 0.00	30.70 0.61 0.00	27.70 0.53 0.00	29.21 0.57 0.00	28.39 0.55 0.96	37.10 0.70 0.00	270.20 1.74 0.00	86.40 0.35 0.00	46.14 0.00 0.00	43.49 0.03 0.00	46.69 0.00 0.00	44.62 0.16 0.00	46.39 0.11 0.00	43.20 0.17 0.00	42.19 0.30 0.20	40.33 0.21 0.00	44.80 0.43 0.00	42.43 0.46 0.00	43.34 0.54 0.00	41.57 0.42 0.00	45.12 0.28 0.00	40.88 0.31 0.00	34.83 0.13 0.00
GREENEDGE_115KV_TB5 80291	27.05 -0.14 0.00	26.73 -0.30 0.00	30.14 0.05 0.00	27.35 0.18 0.00	28.84 0.20 0.00	29.15 0.35 0.00	36.81 0.42 0.00	271.49 3.03 0.00	86.71 0.66 0.00	46.45 0.31 0.00	43.54 0.07 0.00	46.89 0.20 0.00	44.47 0.00 0.00	46.45 0.17 0.00	43.17 0.14 0.00	42.29 0.20 0.00	40.07 -0.05 0.00	44.39 0.01 0.00	41.85 -0.12 0.00	42.92 0.12 0.00	41.11 -0.04 0.00	44.55 -0.28 0.00	40.24 -0.33 0.00	34.73 0.03 0.00
GREENIDGE___3 23582	27.05 -0.14 0.00	26.73 -0.30 0.00	30.14 0.05 0.00	27.35 0.18 0.00	28.84 0.20 0.00	29.15 0.35 0.00	36.81 0.42 0.00	271.49 3.03 0.00	86.71 0.66 0.00	46.45 0.31 0.00	43.54 0.07 0.00	46.89 0.20 0.00	44.47 0.00 0.00	46.45 0.17 0.00	43.17 0.14 0.00	42.29 0.20 0.00	40.07 -0.05 0.00	44.39 0.01 0.00	41.85 -0.12 0.00	42.92 0.12 0.00	41.11 -0.04 0.00	44.55 -0.28 0.00	40.24 -0.33 0.00	34.73 0.03 0.00
GREENIDGE___4 23583	27.05 -0.15 0.00	26.73 -0.30 0.00	30.14 0.05 0.00	27.34 0.18 0.00	28.84 0.20 0.00	29.15 0.35 0.00	36.81 0.42 0.00	271.49 3.04 0.00	86.71 0.66 0.00	46.45 0.31 0.00	43.54 0.07 0.00	46.89 0.20 0.00	44.46 0.00 0.00	46.45 0.17 0.00	43.17 0.14 0.00	42.29 0.20 0.00	40.07 -0.05 0.00	44.39 0.01 0.00	41.85 -0.11 0.00	42.92 0.12 0.00	41.11 -0.04 0.00	44.55 -0.29 0.00	40.24 -0.33 0.00	34.73 0.02 0.00
GREENLWN_69_KV_BK 3 55738	28.86 1.67 0.00	28.76 1.73 0.00	31.85 1.76 0.00	28.74 1.57 0.00	36.01 1.67 -5.70	31.94 1.74 -1.40	38.74 2.34 -0.01	229.86 3.39 41.98	86.37 0.82 0.50	46.99 0.85 0.00	43.80 0.33 0.00	46.97 0.28 0.00	45.13 0.66 0.00	47.34 1.06 0.00	44.40 1.39 0.00	44.06 1.75 -0.22	41.28 1.16 0.00	45.59 1.22 0.00	43.19 1.23 0.00	44.21 1.42 0.00	42.08 0.93 0.00	46.03 0.97 -0.23	41.94 1.37 0.00	35.55 0.85 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00
GRISSOM___SOLAR 323813	28.68 1.49 0.00	28.49 1.46 0.00	31.70 1.61 0.00	28.61 1.44 0.00	30.17 1.52 0.00	30.52 1.58 -0.14	38.64 2.24 0.00	284.38 15.92 0.00	90.94 4.89 0.00	48.45 2.31 0.00	45.55 2.08 0.00	48.74 2.05 0.00	46.28 1.81 0.00	47.53 1.25 0.00	44.20 1.17 0.00	43.63 1.69 0.15	41.97 1.85 0.00	46.87 2.49 0.00	44.58 2.61 0.00	45.65 2.85 0.00	43.75 2.60 0.00	47.47 2.64 0.00	42.91 2.34 0.00	36.58 1.88 0.00
GROVEVILLE___HYD 323602	28.63 1.44 0.00	28.46 1.43 0.00	31.52 1.44 0.00	28.42 1.25 0.00	29.94 1.29 0.00	30.19 1.38 0.00	38.36 1.97 0.00	277.00 8.54 0.00	88.89 2.84 0.00	47.49 1.36 0.00	44.62 1.14 0.00	48.02 1.33 0.00	45.99 1.52 0.00	48.01 1.73 0.00	44.74 1.71 0.00	44.11 1.84 -0.18	41.72 1.60 0.00	46.24 1.86 0.00	43.78 1.82 0.00	44.68 1.88 0.00	42.73 1.58 0.00	46.34 1.50 0.00	42.10 1.54 0.00	35.85 1.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.02 -0.17 0.00	26.78 -0.25 0.00	29.91 -0.18 0.00	27.03 -0.13 0.00	28.56 -0.09 0.00	28.76 -0.04 0.00	36.35 -0.04 0.00	271.75 3.29 0.00	87.41 1.35 0.00	46.77 0.63 0.00	43.97 0.50 0.00	47.32 0.63 0.00	45.03 0.57 0.00	46.90 0.62 0.00	43.55 0.53 0.00	42.61 0.52 0.00	40.61 0.49 0.00	44.96 0.59 0.00	42.52 0.56 0.00	43.40 0.60 0.00	41.63 0.48 0.00	45.26 0.42 0.00	40.95 0.38 0.00	34.99 0.29 0.00

HAMLTNNY_34_KV_TB 80303	27.05 -0.14 0.00	26.82 -0.21 0.00	29.99 -0.10 0.00	27.12 -0.05 0.00	28.66 0.02 0.00	28.91 0.11 0.00	36.51 0.12 0.00	272.09 3.64 0.00	87.48 1.43 0.00	46.77 0.63 0.00	43.94 0.46 0.00	47.33 0.64 0.00	45.01 0.55 0.00	46.91 0.63 0.00	43.59 0.57 0.00	42.68 0.59 0.00	40.59 0.47 0.00	44.96 0.58 0.00	42.48 0.52 0.00	43.40 0.60 0.00	41.63 0.48 0.00	45.20 0.37 0.00	40.90 0.33 0.00	34.95 0.25 0.00
HAMPSHIRE___PAPER_HYD 323593	26.99 -0.20 0.00	26.77 -0.26 0.00	29.73 -0.36 0.00	26.87 -0.30 0.00	28.23 -0.41 0.00	28.45 -0.36 0.00	36.08 -0.32 0.00	268.39 -0.07 0.00	86.62 0.57 0.00	46.53 0.39 0.00	43.88 0.41 0.00	47.16 0.47 0.00	44.70 0.24 0.00	46.55 0.27 0.00	43.03 0.01 0.00	41.54 -0.55 0.00	40.34 0.21 0.00	44.72 0.34 0.00	42.28 0.32 0.00	43.15 0.35 0.00	41.36 0.21 0.00	45.38 0.55 0.00	41.13 0.56 0.00	34.89 0.18 0.00
HARDSCRABBLE_WT_PWR 323673	26.70 -0.50 0.00	26.55 -0.48 0.00	29.56 -0.53 0.00	26.69 -0.47 0.00	28.16 -0.48 0.00	28.31 -0.49 0.00	35.84 -0.55 0.00	264.58 -3.87 0.00	84.89 -1.17 0.00	45.41 -0.74 0.00	42.80 -0.67 0.00	45.89 -0.80 0.00	43.75 -0.72 0.00	45.48 -0.80 0.00	42.33 -0.69 0.00	41.44 -0.64 0.00	39.78 -0.34 0.00	43.91 -0.47 0.00	41.41 -0.55 0.00	42.26 -0.54 0.00	40.73 -0.42 0.00	44.41 -0.42 0.00	40.00 -0.57 0.00	34.00 -0.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.52 1.33 0.00	28.34 1.31 0.00	31.36 1.27 0.00	28.25 1.09 0.00	29.78 1.13 0.00	30.03 1.23 0.00	38.18 1.79 0.00	275.48 7.03 0.00	88.59 2.54 0.00	47.33 1.19 0.00	44.46 0.98 0.00	47.89 1.20 0.00	45.86 1.40 0.00	47.86 1.58 0.00	44.62 1.60 0.00	43.99 1.70 -0.20	41.57 1.45 0.00	46.06 1.68 0.00	43.59 1.63 0.00	44.44 1.64 0.00	42.50 1.35 0.00	46.13 1.29 0.00	41.93 1.37 0.00	35.72 1.01 0.00
HARSNRAD_115KV_TB1 81005	26.97 -0.22 0.00	26.62 -0.40 0.00	29.97 -0.11 0.00	27.20 0.03 0.00	28.72 0.08 0.00	29.03 0.22 0.00	36.43 0.04 0.00	257.05 -11.41 0.00	83.82 -2.23 0.00	44.98 -1.16 0.00	42.04 -1.43 0.00	45.38 -1.31 0.00	43.17 -1.29 0.00	45.09 -1.19 0.00	41.65 -1.38 0.00	40.84 -1.24 0.00	38.27 -1.86 0.00	42.20 -2.18 0.00	39.62 -2.35 0.00	41.04 -1.76 0.00	39.37 -1.78 0.00	42.75 -2.09 0.00	38.94 -1.62 0.00	33.91 -0.79 0.00
HARZA MOOSE___RIVER 24016	27.22 0.02 0.00	27.06 0.03 0.00	30.10 0.02 0.00	27.23 0.06 0.00	28.61 -0.03 0.00	28.86 0.06 0.00	36.61 0.22 0.00	272.67 4.22 0.00	87.73 1.68 0.00	46.97 0.82 0.00	44.20 0.72 0.00	47.56 0.87 0.00	45.28 0.81 0.00	47.31 1.03 0.00	43.87 0.85 0.00	42.67 0.58 0.00	41.21 1.08 0.00	45.66 1.28 0.00	43.16 1.20 0.00	44.05 1.25 0.00	42.13 0.98 0.00	45.89 1.06 0.00	41.45 0.89 0.00	35.05 0.35 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.91 -0.29 0.00	26.71 -0.32 0.00	29.84 -0.25 0.00	26.98 -0.18 0.00	28.46 -0.18 0.00	28.67 -0.13 0.00	36.22 -0.17 0.00	270.13 1.67 0.00	86.68 0.62 0.00	46.45 0.31 0.00	43.73 0.26 0.00	47.03 0.34 0.00	44.74 0.27 0.00	46.60 0.33 0.00	43.30 0.28 0.00	42.39 0.31 0.00	40.36 0.24 0.00	44.68 0.30 0.00	42.24 0.27 0.00	43.11 0.31 0.00	41.37 0.22 0.00	44.95 0.12 0.00	40.70 0.14 0.00	34.81 0.11 0.00
HELLGATE_13_KV_LD 55870	28.76 1.56 0.00	28.57 1.54 0.00	31.60 1.51 0.00	28.50 1.34 0.00	30.01 1.36 0.00	30.35 1.52 -0.03	38.56 2.17 0.00	276.37 7.92 0.00	88.97 2.92 0.00	47.51 1.37 0.00	44.55 1.08 0.00	47.91 1.23 0.00	45.91 1.45 0.00	47.93 1.65 0.00	44.72 1.70 0.00	44.12 1.81 -0.22	41.63 1.51 0.00	46.11 1.74 0.00	43.62 1.66 0.00	44.49 1.69 0.00	42.54 1.39 0.00	46.20 1.36 0.00	42.03 1.46 0.00	35.86 1.15 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.76 1.56 0.00	28.57 1.54 0.00	31.60 1.51 0.00	28.50 1.34 0.00	30.01 1.36 0.00	30.35 1.52 -0.03	38.56 2.17 0.00	276.37 7.92 0.00	88.97 2.92 0.00	47.51 1.37 0.00	44.55 1.08 0.00	47.91 1.23 0.00	45.91 1.45 0.00	47.93 1.65 0.00	44.72 1.70 0.00	44.12 1.81 -0.22	41.63 1.51 0.00	46.11 1.74 0.00	43.62 1.66 0.00	44.49 1.69 0.00	42.54 1.39 0.00	46.20 1.36 0.00	42.03 1.46 0.00	35.86 1.15 0.00
HEMPSTEAD____ 23647	28.90 1.70 0.00	28.75 1.72 0.00	31.82 1.73 0.00	28.70 1.54 0.00	35.95 1.61 -5.70	31.91 1.71 -1.40	38.73 2.33 -0.01	224.48 4.33 48.30	85.61 1.36 1.80	47.22 1.08 0.00	44.03 0.56 0.00	47.25 0.56 0.00	45.48 1.02 0.00	47.68 1.40 0.00	44.68 1.65 0.00	44.24 1.93 -0.22	41.50 1.38 0.00	45.75 1.37 0.00	43.31 1.34 0.00	44.25 1.45 0.00	42.18 1.03 0.00	46.14 1.08 -0.23	42.14 1.57 0.00	35.76 1.06 0.00
HEWLETT_69_KV_BK3 55828	29.15 1.96 0.00	28.98 1.95 0.00	32.09 2.00 0.00	28.93 1.77 0.00	36.19 1.85 -5.70	32.16 1.97 -1.40	39.04 2.64 -0.01	235.95 7.06 39.56	88.41 2.35 0.00	47.74 1.60 0.00	44.54 1.06 0.00	47.84 1.15 0.00	45.98 1.52 0.00	48.19 1.91 0.00	45.15 2.14 0.00	44.69 2.38 -0.22	41.92 1.80 0.00	46.27 1.90 0.00	43.79 1.83 0.00	44.76 1.96 0.00	42.66 1.51 0.00	46.69 1.63 -0.23	42.56 1.99 0.00	36.18 1.48 0.00
HICKLING___1 23621	26.71 -0.49 0.00	26.46 -0.57 0.00	30.03 -0.06 0.00	27.34 0.18 0.00	28.84 0.20 0.00	29.13 0.33 0.00	36.95 0.56 0.00	273.51 5.06 0.00	86.22 0.17 0.00	46.22 0.08 0.00	43.27 -0.20 0.00	46.72 0.03 0.00	44.29 -0.17 0.00	46.41 0.13 0.00	43.14 0.11 0.00	42.27 0.18 0.00	39.97 -0.15 0.00	44.29 -0.09 0.00	41.67 -0.30 0.00	42.65 -0.15 0.00	40.95 -0.20 0.00	44.46 -0.38 0.00	40.15 -0.42 0.00	34.63 -0.07 0.00
HICKLING___2 23622	26.71 -0.49 0.00	26.46 -0.57 0.00	30.03 -0.06 0.00	27.34 0.18 0.00	28.84 0.20 0.00	29.13 0.33 0.00	36.95 0.56 0.00	273.51 5.06 0.00	86.22 0.17 0.00	46.22 0.08 0.00	43.27 -0.20 0.00	46.72 0.03 0.00	44.29 -0.17 0.00	46.41 0.13 0.00	43.14 0.11 0.00	42.27 0.18 0.00	39.97 -0.15 0.00	44.29 -0.09 0.00	41.67 -0.30 0.00	42.65 -0.15 0.00	40.95 -0.20 0.00	44.46 -0.38 0.00	40.15 -0.42 0.00	34.63 -0.07 0.00
HIGH FALLS___HY 23754	28.42 1.22 0.00	28.21 1.18 0.00	31.23 1.15 0.00	28.14 0.97 0.00	29.65 1.01 0.00	29.79 1.09 0.10	38.04 1.64 0.00	274.67 6.21 0.00	88.22 2.16 0.00	47.12 0.98 0.00	44.16 0.69 0.00	47.50 0.81 0.00	45.69 1.22 0.00	47.74 1.46 0.00	44.50 1.48 0.00	43.82 1.63 -0.11	41.44 1.32 0.00	45.88 1.50 0.00	43.42 1.46 0.00	44.30 1.50 0.00	42.37 1.21 0.00	45.97 1.14 0.00	41.82 1.25 0.00	35.62 0.92 0.00
HIGH_RIVER___SOLAR 323847	28.31 1.12 0.00	28.17 1.14 0.00	31.35 1.25 0.00	28.29 1.12 0.00	29.83 1.18 0.00	30.14 1.19 -0.14	38.02 1.63 0.00	278.43 9.98 0.00	89.02 2.97 0.00	47.42 1.28 0.00	44.64 1.18 0.00	47.72 1.03 0.00	45.55 1.09 0.00	46.88 0.60 0.00	43.53 0.51 0.00	42.88 0.95 0.16	41.24 1.12 0.00	45.99 1.62 0.00	43.70 1.73 0.00	44.68 1.89 0.00	42.84 1.69 0.00	46.52 1.68 0.00	42.10 1.54 0.00	35.91 1.21 0.00

HILLBURN___GT 23639	28.54 1.34 0.00	28.35 1.32 0.00	31.36 1.27 0.00	28.23 1.07 0.00	29.75 1.11 0.00	30.02 1.22 0.00	38.18 1.79 0.00	274.83 6.37 0.00	88.46 2.41 0.00	47.25 1.12 0.00	44.34 0.87 0.00	47.72 1.03 0.00	45.71 1.25 0.00	47.75 1.47 0.00	44.54 1.52 0.00	43.93 1.64 -0.20	41.47 1.35 0.00	45.93 1.55 0.00	43.46 1.50 0.00	44.30 1.50 0.00	42.36 1.21 0.00	45.98 1.15 0.00	41.84 1.27 0.00	35.64 0.94 0.00
HILLSIDE_115KV_TB1 80332	26.29 -0.91 0.00	26.09 -0.94 0.00	29.65 -0.44 0.00	27.05 -0.12 0.00	28.56 -0.08 0.00	28.82 0.02 0.00	36.52 0.13 0.00	271.71 3.25 0.00	85.18 -0.88 0.00	45.69 -0.46 0.00	42.82 -0.65 0.00	46.25 -0.44 0.00	43.87 -0.60 0.00	45.98 -0.30 0.00	42.72 -0.30 0.00	41.83 -0.26 0.00	39.53 -0.59 0.00	43.80 -0.57 0.00	41.24 -0.72 0.00	42.16 -0.64 0.00	40.52 -0.63 0.00	44.06 -0.77 0.00	39.79 -0.78 0.00	34.29 -0.41 0.00
HISHELDN_WT_PWR 323625	26.86 -0.33 0.00	26.52 -0.51 0.00	29.94 -0.15 0.00	27.19 0.02 0.00	28.65 0.01 0.00	28.97 0.16 0.00	36.48 0.09 0.00	260.60 -7.85 0.00	84.21 -1.84 0.00	45.18 -0.96 0.00	42.25 -1.22 0.00	45.63 -1.06 0.00	43.33 -1.13 0.00	45.35 -0.93 0.00	42.08 -0.94 0.00	41.29 -0.80 0.00	38.80 -1.32 0.00	42.87 -1.50 0.00	40.21 -1.75 0.00	41.53 -1.27 0.00	39.83 -1.32 0.00	43.20 -1.64 0.00	39.22 -1.35 0.00	34.05 -0.65 0.00
HOLTSVILLE_IC_1 23690	28.71 1.51 0.00	28.60 1.57 0.00	31.69 1.60 0.00	28.63 1.46 0.00	35.89 1.55 -5.70	31.78 1.58 -1.40	38.55 2.15 -0.01	224.66 -2.14 41.66	85.06 -0.56 0.43	46.67 0.53 0.00	43.44 -0.03 0.00	46.57 -0.12 0.00	44.70 0.23 0.00	46.96 0.68 0.00	44.13 1.11 0.00	43.81 1.50 -0.22	41.04 0.91 0.00	45.32 0.94 0.00	42.98 1.01 0.00	44.04 1.24 0.00	41.89 0.74 0.00	45.80 0.74 -0.23	41.72 1.15 0.00	35.29 0.59 0.00
HOLTSVILLE_IC_10 23699	28.73 1.53 0.00	28.61 1.58 0.00	31.70 1.61 0.00	28.66 1.49 0.00	35.93 1.59 -5.70	31.80 1.60 -1.40	38.61 2.20 -0.01	223.11 -3.52 41.82	84.88 -0.87 0.29	46.75 0.61 0.00	45.31 0.04 -1.80	48.35 -0.04 -1.70	47.18 0.30 -2.42	51.00 0.78 -3.95	45.80 1.21 -1.57	43.93 1.62 -0.22	41.15 1.03 0.00	45.45 1.07 0.00	43.12 1.16 0.00	44.20 1.40 0.00	42.02 0.87 0.00	45.91 0.85 -0.23	41.80 1.24 0.00	35.33 0.62 0.00
HOLTSVILLE_IC_2 23691	28.71 1.51 0.00	28.60 1.57 0.00	31.69 1.60 0.00	28.63 1.46 0.00	35.89 1.55 -5.70	31.78 1.58 -1.40	38.55 2.15 -0.01	224.66 -2.14 41.66	85.06 -0.56 0.43	46.67 0.53 0.00	43.44 -0.03 0.00	46.57 -0.12 0.00	44.70 0.23 0.00	46.96 0.68 0.00	44.13 1.11 0.00	43.81 1.50 -0.22	41.04 0.91 0.00	45.32 0.94 0.00	42.98 1.01 0.00	44.04 1.24 0.00	41.89 0.74 0.00	45.80 0.74 -0.23	41.72 1.15 0.00	35.29 0.59 0.00
HOLTSVILLE_IC_3 23692	28.71 1.51 0.00	28.60 1.57 0.00	31.69 1.60 0.00	28.63 1.46 0.00	35.89 1.55 -5.70	31.78 1.58 -1.40	38.55 2.15 -0.01	224.66 -2.14 41.66	85.06 -0.56 0.43	46.67 0.53 0.00	43.44 -0.03 0.00	46.57 -0.12 0.00	44.70 0.23 0.00	46.96 0.68 0.00	44.13 1.11 0.00	43.81 1.50 -0.22	41.04 0.91 0.00	45.32 0.94 0.00	42.98 1.01 0.00	44.04 1.24 0.00	41.89 0.74 0.00	45.80 0.74 -0.23	41.72 1.15 0.00	35.29 0.59 0.00
HOLTSVILLE_IC_4 23693	28.71 1.51 0.00	28.60 1.57 0.00	31.69 1.60 0.00	28.63 1.46 0.00	35.89 1.55 -5.70	31.78 1.58 -1.40	38.55 2.15 -0.01	224.66 -2.14 41.66	85.06 -0.56 0.43	46.67 0.53 0.00	43.44 -0.03 0.00	46.57 -0.12 0.00	44.70 0.23 0.00	46.96 0.68 0.00	44.13 1.11 0.00	43.81 1.50 -0.22	41.04 0.91 0.00	45.32 0.94 0.00	42.98 1.01 0.00	44.04 1.24 0.00	41.89 0.74 0.00	45.80 0.74 -0.23	41.72 1.15 0.00	35.29 0.59 0.00
HOLTSVILLE_IC_5 23694	28.71 1.51 0.00	28.60 1.57 0.00	31.69 1.60 0.00	28.63 1.46 0.00	35.89 1.55 -5.70	31.78 1.58 -1.40	38.55 2.15 -0.01	224.66 -2.14 41.66	85.06 -0.56 0.43	46.67 0.53 0.00	43.44 -0.03 0.00	46.57 -0.12 0.00	44.70 0.23 0.00	46.96 0.68 0.00	44.13 1.11 0.00	43.81 1.50 -0.22	41.04 0.91 0.00	45.32 0.94 0.00	42.98 1.01 0.00	44.04 1.24 0.00	41.89 0.74 0.00	45.80 0.74 -0.23	41.72 1.15 0.00	35.29 0.59 0.00
HOLTSVILLE_IC_6 23695	28.73 1.53 0.00	28.61 1.58 0.00	31.70 1.61 0.00	28.66 1.49 0.00	35.93 1.59 -5.70	31.80 1.60 -1.40	38.61 2.20 -0.01	223.11 -3.52 41.82	84.88 -0.87 0.29	46.75 0.61 0.00	45.31 0.04 -1.80	48.35 -0.04 -1.70	47.18 0.30 -2.42	51.00 0.78 -3.95	45.80 1.21 -1.57	43.93 1.62 -0.22	41.15 1.03 0.00	45.45 1.07 0.00	43.12 1.16 0.00	44.20 1.40 0.00	42.02 0.87 0.00	45.91 0.85 -0.23	41.80 1.24 0.00	35.33 0.62 0.00
HOLTSVILLE_IC_7 23696	28.73 1.53 0.00	28.61 1.58 0.00	31.70 1.61 0.00	28.66 1.49 0.00	35.93 1.59 -5.70	31.80 1.60 -1.40	38.61 2.20 -0.01	223.11 -3.52 41.82	84.88 -0.87 0.29	46.75 0.61 0.00	45.31 0.04 -1.80	48.35 -0.04 -1.70	47.18 0.30 -2.42	51.00 0.78 -3.95	45.80 1.21 -1.57	43.93 1.62 -0.22	41.15 1.03 0.00	45.45 1.07 0.00	43.12 1.16 0.00	44.20 1.40 0.00	42.02 0.87 0.00	45.91 0.85 -0.23	41.80 1.24 0.00	35.33 0.62 0.00
HOLTSVILLE_IC_8 23697	28.73 1.53 0.00	28.61 1.58 0.00	31.70 1.61 0.00	28.66 1.49 0.00	35.93 1.59 -5.70	31.80 1.60 -1.40	38.61 2.20 -0.01	223.11 -3.52 41.82	84.88 -0.87 0.29	46.75 0.61 0.00	45.31 0.04 -1.80	48.35 -0.04 -1.70	47.18 0.30 -2.42	51.00 0.78 -3.95	45.80 1.21 -1.57	43.93 1.62 -0.22	41.15 1.03 0.00	45.45 1.07 0.00	43.12 1.16 0.00	44.20 1.40 0.00	42.02 0.87 0.00	45.91 0.85 -0.23	41.80 1.24 0.00	35.33 0.62 0.00
HOLTSVILLE_IC_9 23698	28.73 1.53 0.00	28.61 1.58 0.00	31.70 1.61 0.00	28.66 1.49 0.00	35.93 1.59 -5.70	31.80 1.60 -1.40	38.61 2.20 -0.01	223.11 -3.52 41.82	84.88 -0.87 0.29	46.75 0.61 0.00	45.31 0.04 -1.80	48.35 -0.04 -1.70	47.18 0.30 -2.42	51.00 0.78 -3.95	45.80 1.21 -1.57	43.93 1.62 -0.22	41.15 1.03 0.00	45.45 1.07 0.00	43.12 1.16 0.00	44.20 1.40 0.00	42.02 0.87 0.00	45.91 0.85 -0.23	41.80 1.24 0.00	35.33 0.62 0.00
HOMER_HL_115KV_TB2 355744	27.43 0.23 0.00	27.14 0.11 0.00	30.70 0.61 0.00	27.91 0.74 0.00	29.51 0.86 0.00	29.83 1.03 0.00	37.77 1.38 0.00	270.99 2.53 0.00	87.27 1.22 0.00	46.78 0.64 0.00	43.59 0.11 0.00	47.08 0.39 0.00	44.60 0.13 0.00	46.73 0.45 0.00	43.39 0.36 0.00	42.55 0.46 0.00	39.96 -0.16 0.00	44.14 -0.24 0.00	41.46 -0.50 0.00	42.69 -0.10 0.00	40.93 -0.22 0.00	44.41 -0.42 0.00	40.40 -0.17 0.00	34.98 0.28 0.00
HOWARD_WT_PWR 323690	26.70 -0.49 0.00	25.82 -1.21 0.00	29.54 -0.55 0.00	26.89 -0.28 0.00	28.04 -0.60 0.00	28.57 -0.23 0.00	36.19 -0.20 0.00	271.00 2.55 0.00	86.92 0.87 0.00	46.07 -0.07 0.00	42.70 -0.77 0.00	45.81 -0.88 0.00	43.16 -1.30 0.00	45.52 -0.76 0.00	42.67 -0.35 0.00	42.58 0.49 0.00	39.95 -0.17 0.00	43.83 -0.55 0.00	41.46 -0.51 0.00	43.05 0.25 0.00	41.14 -0.01 0.00	44.33 -0.51 0.00	39.76 -0.81 0.00	34.16 -0.54 0.00

HQ_GEN_CEDARS 23644	27.08 -0.11 0.00	26.81 -0.22 0.00	29.72 -0.36 0.00	26.83 -0.34 0.00	28.26 -0.39 0.00	28.38 -0.42 0.00	35.87 -0.52 0.00	264.50 -3.96 0.00	85.11 -0.94 0.00	45.86 -0.28 0.00	43.38 -0.09 0.00	46.51 -0.19 0.00	44.09 -0.38 0.00	45.84 -0.44 0.00	42.48 -0.55 0.00	41.27 -0.82 0.00	39.63 -0.49 0.00	43.91 -0.47 0.00	41.44 -0.53 0.00	42.24 -0.56 0.00	40.69 -0.46 0.00	44.59 -0.24 0.00	40.50 -0.07 0.00	34.74 0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	27.08 -0.11 0.00	26.81 -0.22 0.00	29.72 -0.37 0.00	26.83 -0.34 0.00	28.26 -0.39 0.00	28.38 -0.42 0.00	35.87 -0.52 0.00	264.43 -4.03 0.00	85.11 -0.94 0.00	45.86 -0.28 0.00	43.38 -0.09 0.00	46.51 -0.18 0.00	44.09 -0.38 0.00	45.84 -0.44 0.00	42.48 -0.54 0.00	41.26 -0.82 0.00	39.63 -0.49 0.00	43.91 -0.47 0.00	41.44 -0.53 0.00	41.70 -0.56 0.54	40.69 -0.46 0.00	44.60 -0.24 0.00	40.50 -0.07 0.00	34.74 0.03 0.00
HQ_GEN_IMPORT 323601	27.09 -0.10 0.00	26.89 -0.14 0.00	29.87 -0.22 0.00	26.96 -0.20 0.00	28.41 -0.23 0.00	28.63 -0.24 -0.07	36.67 -0.32 -0.59	266.50 -2.34 -0.38	85.42 -0.63 0.00	45.91 -0.23 0.00	43.34 -0.13 0.00	46.50 -0.19 0.00	44.92 -0.28 -0.74	44.39 -0.35 1.54	42.63 -0.39 0.00	41.60 -0.49 0.00	39.78 -0.34 0.00	43.92 -0.45 0.00	41.50 -0.46 0.00	42.27 -0.52 0.00	39.33 -0.39 1.43	44.58 -0.26 0.00	41.19 -0.22 -0.85	34.60 -0.11 0.00
HQ_GEN_WHEEL 23651	27.09 -0.10 0.00	26.89 -0.14 0.00	29.87 -0.22 0.00	26.96 -0.20 0.00	28.41 -0.23 0.00	28.63 -0.24 -0.07	36.67 -0.32 -0.59	266.50 -2.34 -0.38	85.42 -0.63 0.00	45.91 -0.23 0.00	43.34 -0.13 0.00	46.50 -0.19 0.00	44.92 -0.28 -0.74	44.39 -0.35 1.54	42.63 -0.39 0.00	41.60 -0.49 0.00	39.78 -0.34 0.00	43.92 -0.45 0.00	41.50 -0.46 0.00	42.27 -0.52 0.00	39.33 -0.39 1.43	44.58 -0.26 0.00	41.19 -0.22 -0.85	34.60 -0.11 0.00
HUDSON AVE_GT_3 23810	28.79 1.59 0.00	28.59 1.56 0.00	31.61 1.52 0.00	28.49 1.32 0.00	30.02 1.38 0.00	30.34 1.51 -0.03	38.54 2.15 0.00	276.54 8.09 0.00	88.96 2.91 0.00	47.54 1.40 0.00	44.59 1.11 0.00	47.98 1.29 0.00	46.00 1.54 0.00	48.02 1.74 0.00	44.83 1.81 0.00	44.21 1.90 -0.22	41.71 1.59 0.00	46.24 1.86 0.00	43.71 1.75 0.00	44.56 1.76 0.00	42.60 1.45 0.00	46.25 1.42 0.00	42.11 1.54 0.00	35.88 1.18 0.00
HUDSON AVE_GT_4 23540	28.79 1.59 0.00	28.59 1.56 0.00	31.61 1.52 0.00	28.49 1.32 0.00	30.02 1.38 0.00	30.34 1.51 -0.03	38.54 2.15 0.00	276.54 8.09 0.00	88.96 2.91 0.00	47.54 1.40 0.00	44.59 1.11 0.00	47.98 1.29 0.00	46.00 1.54 0.00	48.02 1.74 0.00	44.83 1.81 0.00	44.21 1.90 -0.22	41.71 1.59 0.00	46.24 1.86 0.00	43.71 1.75 0.00	44.56 1.76 0.00	42.60 1.45 0.00	46.25 1.42 0.00	42.11 1.54 0.00	35.88 1.18 0.00
HUDSON AVE_GT_5 23657	28.79 1.59 0.00	28.59 1.56 0.00	31.61 1.52 0.00	28.49 1.32 0.00	30.02 1.38 0.00	30.34 1.51 -0.03	38.54 2.15 0.00	276.54 8.09 0.00	88.96 2.91 0.00	47.54 1.40 0.00	44.59 1.11 0.00	47.98 1.29 0.00	46.00 1.54 0.00	48.02 1.74 0.00	44.83 1.81 0.00	44.21 1.90 -0.22	41.71 1.59 0.00	46.24 1.86 0.00	43.71 1.75 0.00	44.56 1.76 0.00	42.60 1.45 0.00	46.25 1.42 0.00	42.11 1.54 0.00	35.88 1.18 0.00
HUDSON_AVE_10 24168	28.65 1.46 0.00	28.47 1.44 0.00	31.48 1.39 0.00	28.38 1.21 0.00	29.91 1.27 0.00	30.23 1.41 -0.03	38.41 2.02 0.00	275.64 7.19 0.00	88.66 2.61 0.00	47.34 1.20 0.00	44.41 0.94 0.00	47.80 1.11 0.00	45.79 1.33 0.00	47.81 1.53 0.00	44.62 1.60 0.00	44.00 1.69 -0.22	41.53 1.41 0.00	46.03 1.65 0.00	43.56 1.59 0.00	44.40 1.60 0.00	42.45 1.30 0.00	46.09 1.26 0.00	41.96 1.39 0.00	35.76 1.06 0.00
HUDSON___115KV_TB 4 355613	28.12 0.93 0.00	28.04 1.01 0.00	31.23 1.14 0.00	28.19 1.02 0.00	29.74 1.09 0.00	29.20 1.10 0.70	37.84 1.45 0.00	276.42 7.96 0.00	88.44 2.39 0.00	47.15 1.01 0.00	44.40 0.93 0.00	47.56 0.87 0.00	45.45 0.99 0.00	47.16 0.88 0.00	43.85 0.82 0.00	42.88 0.93 0.14	41.06 0.94 0.00	45.85 1.47 0.00	43.53 1.57 0.00	44.54 1.74 0.00	42.69 1.54 0.00	46.27 1.44 0.00	41.79 1.22 0.00	35.58 0.87 0.00
HUNTER MOUNT___DRP 323613	28.23 1.04 0.00	28.16 1.13 0.00	31.39 1.31 0.00	28.35 1.18 0.00	29.91 1.27 0.00	29.52 1.28 0.56	38.05 1.66 0.00	278.52 10.06 0.00	89.15 3.10 0.00	47.51 1.37 0.00	44.74 1.27 0.00	47.96 1.27 0.00	45.74 1.28 0.00	47.38 1.10 0.00	43.99 0.97 0.00	43.08 1.08 0.09	41.29 1.17 0.00	46.19 1.82 0.00	43.89 1.93 0.00	44.94 2.14 0.00	43.07 1.92 0.00	46.63 1.79 0.00	42.06 1.49 0.00	35.78 1.08 0.00
HUNTINGTON_RES_REC 323705	28.80 1.60 0.00	28.69 1.67 0.00	31.78 1.69 0.00	28.69 1.52 0.00	35.96 1.62 -5.70	31.88 1.68 -1.40	38.68 2.28 -0.01	227.64 0.95 41.77	85.74 0.14 0.45	46.84 0.70 0.00	43.64 0.16 0.00	46.75 0.06 0.00	44.88 0.42 0.00	47.17 0.89 0.00	44.28 1.26 0.00	43.97 1.66 -0.22	41.19 1.07 0.00	45.53 1.15 0.00	43.17 1.21 0.00	44.22 1.42 0.00	42.06 0.91 0.00	45.99 0.92 -0.23	41.86 1.29 0.00	35.44 0.74 0.00
HUNTLEY___63 23557	27.16 -0.04 0.00	26.79 -0.24 0.00	30.17 0.07 0.00	27.39 0.22 0.00	28.92 0.28 0.00	29.25 0.44 0.00	36.70 0.30 0.00	259.52 -8.93 0.00	84.54 -1.51 0.00	45.39 -0.75 0.00	42.43 -1.05 0.00	45.81 -0.88 0.00	43.60 -0.87 0.00	45.55 -0.73 0.00	42.10 -0.92 0.00	41.29 -0.80 0.00	38.67 -1.46 0.00	42.63 -1.75 0.00	40.03 -1.94 0.00	41.42 -1.38 0.00	39.75 -1.40 0.00	43.14 -1.69 0.00	39.30 -1.27 0.00	34.20 -0.50 0.00
HUNTLEY___64 23558	27.16 -0.04 0.00	26.79 -0.24 0.00	30.17 0.07 0.00	27.39 0.22 0.00	28.92 0.28 0.00	29.25 0.44 0.00	36.70 0.30 0.00	259.52 -8.93 0.00	84.54 -1.51 0.00	45.39 -0.75 0.00	42.43 -1.05 0.00	45.81 -0.88 0.00	43.60 -0.87 0.00	45.55 -0.73 0.00	42.10 -0.92 0.00	41.29 -0.80 0.00	38.67 -1.46 0.00	42.63 -1.75 0.00	40.03 -1.94 0.00	41.42 -1.38 0.00	39.75 -1.40 0.00	43.14 -1.69 0.00	39.30 -1.27 0.00	34.20 -0.50 0.00
HUNTLEY___65 23559	27.16 -0.04 0.00	26.79 -0.24 0.00	30.17 0.07 0.00	27.39 0.22 0.00	28.92 0.28 0.00	29.25 0.44 0.00	36.70 0.30 0.00	259.52 -8.93 0.00	84.54 -1.51 0.00	45.39 -0.75 0.00	42.43 -1.05 0.00	45.81 -0.88 0.00	43.60 -0.87 0.00	45.55 -0.73 0.00	42.10 -0.92 0.00	41.29 -0.80 0.00	38.67 -1.46 0.00	42.63 -1.75 0.00	40.03 -1.94 0.00	41.42 -1.38 0.00	39.75 -1.40 0.00	43.14 -1.69 0.00	39.30 -1.27 0.00	34.20 -0.50 0.00
HUNTLEY___66 23560	27.16 -0.04 0.00	26.79 -0.24 0.00	30.17 0.07 0.00	27.39 0.22 0.00	28.92 0.28 0.00	29.25 0.44 0.00	36.70 0.30 0.00	259.52 -8.93 0.00	84.54 -1.51 0.00	45.39 -0.75 0.00	42.43 -1.05 0.00	45.81 -0.88 0.00	43.60 -0.87 0.00	45.55 -0.73 0.00	42.10 -0.92 0.00	41.29 -0.80 0.00	38.67 -1.46 0.00	42.63 -1.75 0.00	40.03 -1.94 0.00	41.42 -1.38 0.00	39.75 -1.40 0.00	43.14 -1.69 0.00	39.30 -1.27 0.00	34.20 -0.50 0.00



HUNTLEY___67 23561	26.89 -0.30 0.00	26.55 -0.48 0.00	29.92 -0.17 0.00	27.17 0.00 0.00	28.69 0.04 0.00	28.99 0.19 0.00	36.40 0.01 0.00	257.56 -10.89 0.00	83.77 -2.28 0.00	44.96 -1.18 0.00	42.03 -1.44 0.00	45.40 -1.29 0.00	43.17 -1.29 0.00	45.12 -1.16 0.00	41.73 -1.30 0.00	40.92 -1.17 0.00	38.35 -1.77 0.00	42.30 -2.08 0.00	39.71 -2.25 0.00	41.08 -1.72 0.00	39.45 -1.70 0.00	42.85 -1.99 0.00	39.01 -1.56 0.00	33.92 -0.79 0.00
HUNTLEY___68 23562	26.89 -0.30 0.00	26.55 -0.48 0.00	29.92 -0.17 0.00	27.17 0.00 0.00	28.69 0.04 0.00	28.99 0.19 0.00	36.40 0.01 0.00	257.56 -10.89 0.00	83.77 -2.28 0.00	44.96 -1.18 0.00	42.03 -1.44 0.00	45.40 -1.29 0.00	43.17 -1.29 0.00	45.12 -1.16 0.00	41.73 -1.30 0.00	40.92 -1.17 0.00	38.35 -1.77 0.00	42.30 -2.08 0.00	39.71 -2.25 0.00	41.08 -1.72 0.00	39.45 -1.70 0.00	42.85 -1.99 0.00	39.01 -1.56 0.00	33.92 -0.79 0.00
HYLAND___LFGE 323620	28.09 0.89 0.00	27.72 0.69 0.00	31.17 1.09 0.00	28.23 1.06 0.00	29.77 1.13 0.00	30.16 1.35 0.00	38.31 1.92 0.00	278.28 9.83 0.00	89.73 3.68 0.00	47.92 1.77 0.00	44.57 1.10 0.00	47.83 1.15 0.00	44.64 0.17 0.00	46.50 0.22 0.00	43.55 0.53 0.00	42.79 0.70 0.00	40.44 0.31 0.00	45.30 0.92 0.00	42.85 0.89 0.00	44.34 1.54 0.00	42.39 1.24 0.00	45.86 1.02 0.00	41.46 0.89 0.00	35.72 1.02 0.00
INDECK___CORINTH 23802	28.91 1.72 0.00	28.80 1.78 0.00	31.98 1.89 0.00	28.90 1.73 0.00	30.51 1.87 0.00	30.96 1.93 -0.23	38.99 2.60 0.00	284.07 15.62 0.00	90.78 4.72 0.00	48.31 2.17 0.00	45.64 2.17 0.00	48.91 2.22 0.00	46.70 2.24 0.00	48.44 2.16 0.00	45.09 2.07 0.00	44.18 2.30 0.21	42.35 2.23 0.00	47.19 2.81 0.00	44.81 2.85 0.00	45.76 2.96 0.00	43.82 2.67 0.00	47.33 2.50 0.00	42.76 2.19 0.00	36.37 1.67 0.00
INDECK___ILION 23567	27.36 0.17 0.00	27.28 0.25 0.00	30.44 0.35 0.00	27.48 0.31 0.00	28.99 0.35 0.00	29.16 0.36 0.00	36.89 0.50 0.00	269.49 1.04 0.00	86.13 0.07 0.00	45.96 -0.18 0.00	43.25 -0.22 0.00	46.39 -0.30 0.00	44.15 -0.31 0.00	45.76 -0.52 0.00	42.67 -0.35 0.00	42.09 0.00 0.00	40.00 -0.12 0.00	44.54 0.16 0.00	42.28 0.32 0.00	43.16 0.36 0.00	41.42 0.27 0.00	44.95 0.12 0.00	40.64 0.08 0.00	34.61 -0.09 0.00
INDECK___OLEAN 23982	27.43 0.24 0.00	27.14 0.11 0.00	30.70 0.61 0.00	27.91 0.74 0.00	29.50 0.86 0.00	29.83 1.03 0.00	37.77 1.38 0.00	270.93 2.48 0.00	87.28 1.22 0.00	46.77 0.64 0.00	43.58 0.10 0.00	47.08 0.39 0.00	44.59 0.13 0.00	46.73 0.45 0.00	43.39 0.36 0.00	42.55 0.46 0.00	39.97 -0.16 0.00	44.14 -0.23 0.00	41.46 -0.51 0.00	42.70 -0.09 0.00	40.93 -0.22 0.00	44.41 -0.43 0.00	40.40 -0.17 0.00	34.98 0.28 0.00
INDECK___OSWEGO 23783	26.58 -0.61 0.00	26.41 -0.62 0.00	29.47 -0.62 0.00	26.63 -0.54 0.00	28.09 -0.56 0.00	28.28 -0.52 0.00	35.72 -0.67 0.00	269.66 1.20 0.00	88.94 2.89 0.00	47.68 1.54 0.00	44.73 1.26 0.00	48.14 1.45 0.00	45.77 1.31 0.00	47.49 1.22 0.00	43.74 0.71 0.00	42.53 0.45 0.00	40.71 0.59 0.00	45.06 0.69 0.00	42.64 0.67 0.00	43.56 0.76 0.00	41.78 0.63 0.00	45.88 1.05 0.00	41.66 1.09 0.00	35.52 0.82 0.00
INDECK___YERKES 23781	27.19 -0.01 0.00	26.82 -0.21 0.00	30.20 0.11 0.00	27.43 0.26 0.00	28.95 0.31 0.00	29.28 0.47 0.00	36.73 0.34 0.00	259.89 -8.57 0.00	84.63 -1.42 0.00	45.44 -0.70 0.00	42.46 -1.01 0.00	45.87 -0.82 0.00	43.63 -0.83 0.00	45.60 -0.68 0.00	42.15 -0.87 0.00	41.33 -0.75 0.00	38.72 -1.40 0.00	42.68 -1.70 0.00	40.07 -1.89 0.00	41.46 -1.34 0.00	39.79 -1.36 0.00	43.17 -1.66 0.00	39.34 -1.23 0.00	34.24 -0.46 0.00
INDIAN POINT_GT_1 24139	28.52 1.32 0.00	28.34 1.31 0.00	31.35 1.26 0.00	28.25 1.08 0.00	29.76 1.12 0.00	30.05 1.23 -0.03	38.15 1.76 0.00	274.40 5.95 0.00	88.20 2.15 0.00	47.13 0.99 0.00	44.24 0.76 0.00	47.58 0.90 0.00	45.60 1.14 0.00	47.62 1.34 0.00	44.43 1.42 0.00	43.82 1.52 -0.22	41.37 1.24 0.00	45.83 1.45 0.00	43.37 1.40 0.00	44.22 1.42 0.00	42.28 1.13 0.00	45.91 1.08 0.00	41.78 1.21 0.00	35.59 0.89 0.00
INDIAN POINT_GT_2 23659	28.52 1.32 0.00	28.34 1.31 0.00	31.35 1.26 0.00	28.25 1.08 0.00	29.76 1.12 0.00	30.05 1.23 -0.03	38.15 1.76 0.00	274.40 5.95 0.00	88.20 2.15 0.00	47.13 0.99 0.00	44.24 0.76 0.00	47.58 0.90 0.00	45.60 1.14 0.00	47.62 1.34 0.00	44.43 1.42 0.00	43.82 1.52 -0.22	41.37 1.24 0.00	45.83 1.45 0.00	43.37 1.40 0.00	44.22 1.42 0.00	42.28 1.13 0.00	45.91 1.08 0.00	41.78 1.21 0.00	35.59 0.89 0.00
INDIAN POINT_GT_3 24019	28.52 1.32 0.00	28.34 1.31 0.00	31.35 1.26 0.00	28.25 1.08 0.00	29.76 1.12 0.00	30.05 1.23 -0.03	38.15 1.76 0.00	274.40 5.95 0.00	88.20 2.15 0.00	47.13 0.99 0.00	44.24 0.76 0.00	47.58 0.90 0.00	45.60 1.14 0.00	47.62 1.34 0.00	44.43 1.42 0.00	43.82 1.52 -0.22	41.37 1.24 0.00	45.83 1.45 0.00	43.37 1.40 0.00	44.22 1.42 0.00	42.28 1.13 0.00	45.91 1.08 0.00	41.78 1.21 0.00	35.59 0.89 0.00
INDIAN POINT___2 23530	28.49 1.30 0.00	28.32 1.29 0.00	31.32 1.24 0.00	28.22 1.05 0.00	29.73 1.09 0.00	30.02 1.19 -0.03	38.12 1.74 0.00	274.21 5.75 0.00	88.17 2.12 0.00	47.12 0.98 0.00	44.20 0.73 0.00	47.57 0.88 0.00	45.57 1.11 0.00	47.59 1.31 0.00	44.41 1.39 0.00	43.79 1.49 -0.21	41.34 1.22 0.00	45.80 1.42 0.00	43.32 1.36 0.00	44.18 1.38 0.00	42.24 1.09 0.00	45.88 1.05 0.00	41.75 1.18 0.00	35.57 0.87 0.00
INDIAN POINT___3 23531	28.49 1.30 0.00	28.32 1.29 0.00	31.33 1.24 0.00	28.23 1.06 0.00	29.74 1.10 0.00	30.03 1.20 -0.03	38.11 1.72 0.00	274.31 5.85 0.00	88.13 2.08 0.00	47.10 0.96 0.00	44.21 0.73 0.00	47.56 0.87 0.00	45.56 1.10 0.00	47.58 1.30 0.00	44.39 1.37 0.00	43.78 1.47 -0.22	41.33 1.21 0.00	45.78 1.40 0.00	43.32 1.36 0.00	44.17 1.38 0.00	42.24 1.10 0.00	45.88 1.04 0.00	41.74 1.17 0.00	35.57 0.86 0.00
INGHAM_C_115KV_TB7 356103	27.43 0.23 0.00	27.44 0.41 0.00	30.70 0.61 0.00	27.71 0.54 0.00	29.28 0.64 0.00	29.46 0.66 0.00	37.29 0.90 0.00	267.95 -0.50 0.00	85.46 -0.59 0.00	45.34 -0.80 0.00	42.65 -0.82 0.00	45.62 -1.07 0.00	43.33 -1.13 0.00	44.56 -1.71 0.00	41.72 -1.31 0.00	41.62 -0.47 0.00	39.40 -0.72 0.00	44.24 -0.14 0.00	42.26 0.30 0.00	43.16 0.36 0.00	41.38 0.23 0.00	44.72 -0.11 0.00	40.42 -0.15 0.00	34.26 -0.44 0.00
IP CORINTH___1 23988	28.91 1.72 0.00	28.80 1.78 0.00	31.98 1.89 0.00	28.90 1.73 0.00	30.51 1.87 0.00	30.96 1.93 -0.23	38.98 2.59 0.00	284.08 15.62 0.00	90.78 4.73 0.00	48.31 2.17 0.00	45.64 2.17 0.00	48.91 2.22 0.00	46.71 2.24 0.00	48.44 2.16 0.00	45.09 2.07 0.00	44.18 2.30 0.21	42.35 2.23 0.00	47.19 2.82 0.00	44.81 2.85 0.00	45.76 2.96 0.00	43.82 2.67 0.00	47.34 2.50 0.00	42.76 2.19 0.00	36.37 1.67 0.00

IP__TICONDEROGA 23804	30.49 3.30 0.00	30.37 3.34 0.00	33.54 3.45 0.00	30.42 3.25 0.00	32.22 3.58 0.00	32.87 3.82 -0.25	41.65 5.26 0.00	300.46 32.01 0.00	95.67 9.62 0.00	50.30 4.16 0.00	48.09 4.62 0.00	51.25 4.56 0.00	48.84 4.38 0.00	50.74 4.46 0.00	47.17 4.15 0.00	46.30 4.43 0.22	44.72 4.60 0.00	49.96 5.59 0.00	47.78 5.81 0.00	48.77 5.97 0.00	46.48 5.33 0.00	49.71 4.88 0.00	44.77 4.20 0.00	37.98 3.28 0.00
ISLIP_RES_REC 323679	28.81 1.62 0.00	28.69 1.66 0.00	31.78 1.70 0.00	28.74 1.57 0.00	36.02 1.68 -5.70	31.90 1.70 -1.40	38.73 2.33 -0.01	224.22 -2.30 41.94	85.22 -0.47 0.37	46.95 0.81 0.00	45.03 0.24 -1.31	48.11 0.19 -1.24	46.71 0.48 -1.77	50.12 0.97 -2.87	45.59 1.42 -1.14	44.15 1.84 -0.22	41.36 1.24 0.00	45.68 1.30 0.00	43.32 1.36 0.00	44.41 1.61 0.00	42.21 1.06 0.00	46.11 1.05 -0.23	41.96 1.39 0.00	35.45 0.74 0.00
JAMAICA__27_KV_LOAD 355505	28.77 1.58 0.00	28.62 1.59 0.00	31.66 1.58 0.00	28.58 1.41 0.00	30.12 1.48 0.00	30.47 1.64 -0.03	38.72 2.33 0.00	278.17 9.72 0.00	89.47 3.41 0.00	47.63 1.49 0.00	44.74 1.27 0.00	48.22 1.53 0.00	46.09 1.62 0.00	48.08 1.80 0.00	44.89 1.87 0.00	44.23 1.92 -0.22	41.80 1.68 0.00	46.32 1.95 0.00	43.92 1.96 0.00	44.77 1.97 0.00	42.80 1.65 0.00	46.48 1.64 0.00	42.30 1.73 0.00	36.06 1.36 0.00
JANIS__SOLAR 323808	27.91 0.71 0.00	27.51 0.48 0.00	31.04 0.95 0.00	27.93 0.76 0.00	29.54 0.90 0.00	29.87 1.06 0.00	37.91 1.52 0.00	281.13 12.68 0.00	89.42 3.37 0.00	47.86 1.72 0.00	45.10 1.63 0.00	48.47 1.78 0.00	46.03 1.57 0.00	48.13 1.85 0.00	44.71 1.68 0.00	43.86 1.77 0.00	41.91 1.79 0.00	46.50 2.12 0.00	44.09 2.13 0.00	44.98 2.18 0.00	42.94 1.79 0.00	46.57 1.73 0.00	41.96 1.39 0.00	35.94 1.24 0.00
JARVIS____ 23743	27.27 0.07 0.00	27.12 0.09 0.00	30.21 0.12 0.00	27.28 0.11 0.00	28.76 0.11 0.00	28.91 0.10 0.00	36.55 0.15 0.00	269.70 1.25 0.00	86.31 0.25 0.00	46.22 0.08 0.00	43.51 0.04 0.00	46.73 0.04 0.00	44.55 0.09 0.00	46.40 0.12 0.00	43.15 0.13 0.00	42.26 0.17 0.00	40.26 0.13 0.00	44.56 0.19 0.00	42.17 0.21 0.00	43.02 0.22 0.00	41.31 0.17 0.00	44.97 0.13 0.00	40.70 0.13 0.00	34.75 0.04 0.00
JENNISON__1 23625	27.78 0.58 0.00	27.16 0.13 0.00	31.00 0.91 0.00	27.73 0.56 0.00	29.37 0.72 0.00	29.76 0.96 0.00	37.46 1.07 0.00	275.64 7.19 0.00	87.36 1.31 0.00	46.68 0.54 0.00	44.02 0.55 0.00	47.38 0.70 0.00	44.97 0.50 0.00	47.10 0.83 0.00	43.95 0.93 0.00	43.19 1.10 0.00	41.43 1.31 0.00	45.88 1.51 0.00	43.48 1.52 0.00	44.23 1.43 0.00	42.01 0.86 0.00	45.67 0.83 0.00	41.20 0.63 0.00	35.51 0.80 0.00
JENNISON__2 23626	27.78 0.58 0.00	27.16 0.13 0.00	31.00 0.91 0.00	27.73 0.56 0.00	29.37 0.72 0.00	29.76 0.96 0.00	37.46 1.07 0.00	275.64 7.19 0.00	87.36 1.31 0.00	46.68 0.54 0.00	44.02 0.55 0.00	47.38 0.70 0.00	44.97 0.50 0.00	47.10 0.83 0.00	43.95 0.93 0.00	43.19 1.10 0.00	41.43 1.31 0.00	45.88 1.51 0.00	43.48 1.52 0.00	44.23 1.43 0.00	42.01 0.86 0.00	45.67 0.83 0.00	41.20 0.63 0.00	35.51 0.80 0.00
JERICHO_RISE_WT_PWR 323719	-23.28 -0.88 49.60	-23.27 -0.97 49.33	-23.20 -1.22 52.07	-23.23 -1.12 49.28	-22.97 -1.20 50.41	-23.06 -1.25 50.62	1.54 -1.54 33.31	240.85 -10.94 16.67	38.68 -3.03 44.35	39.93 -0.95 5.26	43.00 -0.47 0.00	46.21 -0.47 0.00	43.89 -0.58 0.00	45.57 -0.71 0.00	42.14 -0.88 0.00	41.08 -1.01 0.00	39.69 -0.43 0.00	44.05 -0.33 0.00	41.62 -0.35 0.00	42.26 -0.54 0.00	40.61 -0.54 0.00	44.33 -0.50 0.00	40.22 -0.34 0.00	34.56 -0.14 0.00
KATONAH__115KV_46KV_TB4 355592	28.61 1.42 0.00	28.43 1.40 0.00	31.46 1.38 0.00	28.36 1.19 0.00	29.88 1.24 0.00	30.18 1.35 -0.03	38.30 1.91 0.00	275.84 7.39 0.00	88.60 2.54 0.00	47.36 1.22 0.00	44.46 0.98 0.00	47.84 1.15 0.00	45.82 1.36 0.00	47.84 1.56 0.00	44.63 1.61 0.00	44.02 1.71 -0.22	41.57 1.45 0.00	46.07 1.69 0.00	43.60 1.64 0.00	44.49 1.69 0.00	42.53 1.38 0.00	46.15 1.32 0.00	41.96 1.39 0.00	35.73 1.03 0.00
KCE_NY_1 323755	28.68 1.49 0.00	28.60 1.57 0.00	31.90 1.81 0.00	28.72 1.55 0.00	30.30 1.66 0.00	30.73 1.68 -0.26	38.59 2.20 0.00	281.64 13.19 0.00	90.00 3.95 0.00	47.93 1.79 0.00	45.19 1.72 0.00	48.57 1.88 0.00	46.30 1.84 0.00	48.07 1.79 0.00	44.71 1.69 0.00	43.78 1.91 0.22	41.90 1.78 0.00	46.66 2.28 0.00	44.26 2.30 0.00	45.22 2.42 0.00	43.33 2.18 0.00	46.92 2.09 0.00	42.44 1.87 0.00	36.15 1.45 0.00
KCE_NY_6_ESR 323823	27.19 0.00 0.00	26.83 -0.19 0.00	30.27 0.18 0.00	27.50 0.34 0.00	29.03 0.38 0.00	29.36 0.56 0.00	36.91 0.52 0.00	262.53 -5.93 0.00	85.11 -0.95 0.00	45.71 -0.43 0.00	42.76 -0.71 0.00	46.22 -0.47 0.00	43.89 -0.58 0.00	45.93 -0.35 0.00	42.51 -0.51 0.00	41.71 -0.37 0.00	39.07 -1.05 0.00	43.12 -1.26 0.00	40.48 -1.48 0.00	41.87 -0.93 0.00	40.17 -0.97 0.00	43.59 -1.24 0.00	39.66 -0.91 0.00	34.44 -0.27 0.00
KEDC_PORT_JEFF_GT2 24210	28.71 1.52 0.00	28.61 1.58 0.00	31.70 1.61 0.00	28.65 1.49 0.00	35.92 1.58 -5.70	31.79 1.59 -1.40	38.58 2.18 -0.01	224.58 -2.13 41.75	85.04 -0.56 0.45	46.73 0.59 0.00	43.50 0.02 0.00	46.63 -0.06 0.00	44.74 0.28 0.00	47.01 0.73 0.00	44.19 1.17 0.00	43.89 1.58 -0.22	41.12 0.99 0.00	45.42 1.04 0.00	43.10 1.14 0.00	44.17 1.37 0.00	41.99 0.84 0.00	45.89 0.83 -0.23	41.78 1.21 0.00	35.32 0.62 0.00
KEDC_PORT_JEFF_GT3 24211	28.71 1.52 0.00	28.61 1.58 0.00	31.70 1.61 0.00	28.65 1.49 0.00	35.92 1.58 -5.70	31.79 1.59 -1.40	38.58 2.18 -0.01	224.58 -2.13 41.75	85.04 -0.56 0.45	46.73 0.59 0.00	43.50 0.02 0.00	46.63 -0.06 0.00	44.74 0.28 0.00	47.01 0.73 0.00	44.19 1.17 0.00	43.89 1.58 -0.22	41.12 0.99 0.00	45.42 1.04 0.00	43.10 1.14 0.00	44.17 1.37 0.00	41.99 0.84 0.00	45.89 0.83 -0.23	41.78 1.21 0.00	35.32 0.62 0.00
KEDC_GLWD_GT4 24219	29.05 1.85 0.00	28.89 1.86 0.00	31.97 1.88 0.00	28.84 1.67 0.00	36.10 1.75 -5.70	32.06 1.86 -1.40	38.94 2.53 -0.01	229.82 6.45 45.09	86.86 1.95 1.14	47.38 1.24 0.00	44.13 0.65 0.00	47.38 0.69 0.00	45.86 1.40 0.00	48.06 1.78 0.00	45.00 1.98 0.00	44.54 2.23 -0.22	41.78 1.66 0.00	45.82 1.44 0.00	43.37 1.41 0.00	44.33 1.53 0.00	42.24 1.09 0.00	46.22 1.16 -0.23	42.39 1.82 0.00	35.99 1.29 0.00
KEDC_GLWD_GT5 24220	29.05 1.85 0.00	28.89 1.86 0.00	31.97 1.88 0.00	28.84 1.67 0.00	36.10 1.75 -5.70	32.06 1.86 -1.40	38.94 2.53 -0.01	229.82 6.45 45.09	86.86 1.95 1.14	47.38 1.24 0.00	44.13 0.65 0.00	47.38 0.69 0.00	45.86 1.40 0.00	48.06 1.78 0.00	45.00 1.98 0.00	44.54 2.23 -0.22	41.78 1.66 0.00	45.82 1.44 0.00	43.37 1.41 0.00	44.33 1.53 0.00	42.24 1.09 0.00	46.22 1.16 -0.23	42.39 1.82 0.00	35.99 1.29 0.00

KENSICO____ 23655	28.58 1.38 0.00	28.40 1.37 0.00	31.42 1.33 0.00	28.32 1.15 0.00	29.84 1.20 0.00	30.13 1.30 -0.03	38.26 1.87 0.00	274.97 6.52 0.00	88.36 2.30 0.00	47.23 1.09 0.00	44.31 0.84 0.00	47.66 0.98 0.00	45.69 1.23 0.00	47.70 1.42 0.00	44.50 1.48 0.00	43.91 1.60 -0.22	41.43 1.31 0.00	45.90 1.53 0.00	43.44 1.47 0.00	44.29 1.50 0.00	42.35 1.20 0.00	45.97 1.14 0.00	41.84 1.27 0.00	35.65 0.95 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.36 1.16 0.00	28.17 1.14 0.00	31.19 1.10 0.00	28.11 0.94 0.00	29.62 0.98 0.00	29.80 1.06 0.06	37.99 1.60 0.00	274.64 6.18 0.00	88.16 2.11 0.00	47.06 0.92 0.00	44.14 0.67 0.00	47.46 0.77 0.00	45.61 1.15 0.00	47.63 1.35 0.00	44.38 1.36 0.00	43.73 1.52 -0.13	41.37 1.25 0.00	45.85 1.47 0.00	43.41 1.45 0.00	44.29 1.50 0.00	42.36 1.21 0.00	45.96 1.13 0.00	41.77 1.21 0.00	35.58 0.88 0.00
KIAC_JFK_GT1 23816	28.62 1.43 0.00	28.45 1.43 0.00	31.48 1.39 0.00	28.41 1.24 0.00	29.95 1.31 0.00	30.30 1.47 -0.03	38.44 2.05 0.00	275.32 6.87 0.00	88.56 2.51 0.00	47.14 1.01 0.00	44.31 0.83 0.00	47.71 1.03 0.00	45.62 1.16 0.00	47.61 1.33 0.00	44.44 1.42 0.00	43.80 1.49 -0.22	41.40 1.28 0.00	45.86 1.48 0.00	43.47 1.51 0.00	44.32 1.52 0.00	42.38 1.23 0.00	46.02 1.18 0.00	42.03 1.46 0.00	35.85 1.15 0.00
KIAC_JFK_GT2 23817	28.62 1.43 0.00	28.45 1.43 0.00	31.48 1.39 0.00	28.41 1.24 0.00	29.95 1.31 0.00	30.30 1.47 -0.03	38.44 2.05 0.00	275.32 6.87 0.00	88.56 2.51 0.00	47.14 1.01 0.00	44.31 0.83 0.00	47.71 1.03 0.00	45.62 1.16 0.00	47.61 1.33 0.00	44.44 1.42 0.00	43.80 1.49 -0.22	41.40 1.28 0.00	45.86 1.48 0.00	43.47 1.51 0.00	44.32 1.52 0.00	42.38 1.23 0.00	46.02 1.18 0.00	42.03 1.46 0.00	35.85 1.15 0.00
KIAC_JFK____ 323774	28.62 1.43 0.00	28.46 1.43 0.00	31.48 1.39 0.00	28.41 1.24 0.00	29.95 1.31 0.00	30.30 1.47 -0.03	38.44 2.05 0.00	275.32 6.87 0.00	88.56 2.50 0.00	47.15 1.00 0.00	44.31 0.83 0.00	47.71 1.03 0.00	45.62 1.16 0.00	47.61 1.33 0.00	44.43 1.41 0.00	43.80 1.49 -0.22	41.40 1.28 0.00	45.86 1.48 0.00	43.47 1.51 0.00	44.31 1.51 0.00	42.38 1.23 0.00	46.02 1.19 0.00	42.03 1.46 0.00	35.85 1.15 0.00
KINTIGH____ 23543	26.83 -0.36 0.00	26.51 -0.52 0.00	29.79 -0.30 0.00	27.02 -0.15 0.00	28.52 -0.12 0.00	28.81 0.01 0.00	36.21 -0.18 0.00	257.19 -2.24 0.00	83.81 -2.24 0.00	44.93 -1.21 0.00	42.02 -1.45 0.00	45.35 -1.34 0.00	43.12 -1.34 0.00	45.04 -1.24 0.00	41.67 -1.35 0.00	40.85 -1.24 0.00	38.35 -1.77 0.00	42.32 -2.06 0.00	39.78 -2.18 0.00	41.08 -1.72 0.00	39.40 -1.75 0.00	42.81 -2.03 0.00	38.97 -1.60 0.00	33.80 -0.90 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-23.41 -1.01 49.60	-23.42 -1.12 49.33	-23.38 -1.40 52.07	-23.41 -1.30 49.28	-23.17 -1.41 50.41	-23.29 -1.47 50.62	1.32 -1.77 33.31	240.38 -11.41 16.67	38.62 -3.08 44.35	40.07 -0.82 5.26	43.29 -0.18 0.00	46.61 -0.08 0.00	44.29 -0.18 0.00	45.96 -0.32 0.00	42.45 -0.57 0.00	41.41 -0.68 0.00	40.23 0.11 0.00	44.82 0.44 0.00	42.40 0.44 0.00	42.97 0.17 0.00	41.17 0.03 0.00	44.75 -0.08 0.00	40.57 0.01 0.00	34.84 0.14 0.00
LACHUTE__HYDRO 323717	30.49 3.30 0.00	30.37 3.34 0.00	33.54 3.45 0.00	30.41 3.25 0.00	32.22 3.58 0.00	32.87 3.82 -0.25	41.65 5.26 0.00	300.52 32.07 0.00	95.67 9.62 0.00	50.30 4.16 0.00	48.09 4.62 0.00	51.25 4.56 0.00	48.84 4.38 0.00	50.74 4.46 0.00	47.17 4.15 0.00	46.30 4.43 0.22	44.72 4.59 0.00	49.96 5.58 0.00	47.77 5.81 0.00	48.77 5.97 0.00	46.48 5.33 0.00	49.71 4.88 0.00	44.77 4.20 0.00	37.98 3.28 0.00
LAWRNCV_115KV_TB1 80681	27.03 -0.17 0.00	26.76 -0.27 0.00	29.66 -0.43 0.00	26.78 -0.39 0.00	28.18 -0.46 0.00	28.33 -0.48 0.00	35.85 -0.54 0.00	264.85 -3.60 0.00	85.29 -0.76 0.00	45.97 -0.17 0.00	43.49 0.02 0.00	46.63 -0.06 0.00	44.09 -0.38 0.00	45.83 -0.45 0.00	42.40 -0.62 0.00	40.92 -1.16 0.00	39.44 -0.68 0.00	43.73 -0.64 0.00	41.30 -0.66 0.00	42.12 -0.68 0.00	40.55 -0.60 0.00	44.67 -0.16 0.00	40.62 0.05 0.00	34.77 0.07 0.00
LEDERLE____ 23769	28.62 1.42 0.00	28.44 1.41 0.00	31.45 1.36 0.00	28.32 1.15 0.00	29.85 1.20 0.00	30.11 1.31 0.00	38.30 1.91 0.00	275.71 7.25 0.00	88.76 2.70 0.00	47.42 1.28 0.00	44.51 1.04 0.00	47.91 1.22 0.00	45.89 1.43 0.00	47.93 1.65 0.00	44.72 1.70 0.00	44.10 1.81 -0.20	41.63 1.51 0.00	46.12 1.74 0.00	43.64 1.68 0.00	44.45 1.66 0.00	42.50 1.35 0.00	46.14 1.31 0.00	41.99 1.43 0.00	35.77 1.07 0.00
LIGHTHSE_115KV_TB6 355974	26.82 -0.37 0.00	26.64 -0.39 0.00	29.73 -0.36 0.00	26.86 -0.31 0.00	28.29 -0.35 0.00	28.54 -0.26 0.00	36.11 -0.28 0.00	271.13 2.68 0.00	88.23 2.18 0.00	47.30 1.17 0.00	44.38 0.90 0.00	47.82 1.14 0.00	45.44 0.98 0.00	47.18 0.90 0.00	43.57 0.55 0.00	42.39 0.31 0.00	40.92 0.80 0.00	45.27 0.89 0.00	42.83 0.87 0.00	43.75 0.95 0.00	41.87 0.72 0.00	45.81 0.98 0.00	41.49 0.93 0.00	35.25 0.54 0.00
LINDEN COGEN____ 23786	28.62 1.42 0.00	28.42 1.39 0.00	31.40 1.32 0.00	28.29 1.12 0.00	29.81 1.16 0.00	30.13 1.30 -0.03	38.29 1.90 0.00	174.52 5.66 99.59	87.57 2.13 0.62	47.10 0.96 0.00	42.80 0.70 1.38	47.54 0.85 0.00	45.22 1.11 0.36	47.63 1.35 0.00	44.46 1.43 0.00	43.85 1.54 -0.22	41.36 1.24 0.00	45.85 1.47 0.00	43.34 1.38 0.00	44.17 1.37 0.00	42.22 1.07 0.00	45.86 1.03 0.00	41.77 1.20 0.00	35.61 0.91 0.00
LINDHRST_69_KV_BK1 356055	29.11 1.92 0.00	28.98 1.95 0.00	32.08 1.99 0.00	28.95 1.78 0.00	36.22 1.88 -5.70	32.17 1.97 -1.40	39.06 2.65 -0.01	228.10 4.71 45.07	86.46 1.54 1.14	47.44 1.30 0.00	44.26 0.79 0.00	47.43 0.74 0.00	45.54 1.07 0.00	47.84 1.56 0.00	44.89 1.87 0.00	44.53 2.22 -0.22	41.75 1.63 0.00	46.11 1.73 0.00	43.66 1.70 0.00	44.72 1.92 0.00	42.57 1.42 0.00	46.57 1.51 -0.23	42.39 1.82 0.00	35.92 1.22 0.00
LIPA_MISC_IPP 23656	28.16 0.96 0.00	28.04 1.01 0.00	31.06 0.97 0.00	28.17 1.01 0.00	35.42 1.08 -5.70	31.16 0.96 -1.40	37.83 1.43 -0.01	218.40 -8.36 41.69	82.59 -2.46 0.99	45.73 -0.41 0.00	36.65 -1.00 5.83	40.03 -1.13 5.52	35.83 -0.76 7.87	33.14 -0.33 12.81	38.15 0.22 5.10	42.96 0.65 -0.22	40.28 0.16 0.00	44.47 0.09 0.00	42.25 0.29 0.00	43.30 0.50 0.00	41.15 0.01 0.00	44.97 -0.10 -0.23	40.97 0.40 0.00	34.56 -0.15 0.00
LISF__SOLAR 323691	28.21 1.02 0.00	28.10 1.07 0.00	31.12 1.04 0.00	28.23 1.06 0.00	35.48 1.14 -5.70	31.23 1.03 -1.40	37.93 1.53 -0.01	218.95 -7.79 41.72	82.58 -2.27 1.20	45.82 -0.32 0.00	34.68 -0.90 7.89	38.18 -1.04 7.47	33.13 -0.68 10.65	28.69 -0.25 17.34	36.43 0.31 6.90	43.06 0.75 -0.22	40.38 0.25 0.00	44.57 0.19 0.00	42.37 0.41 0.00	43.41 0.62 0.00	41.26 0.11 0.00	45.09 0.03 -0.23	41.06 0.49 0.00	34.63 -0.07 0.00

LITTLE FALLS___HYD 24013	27.43 0.23 0.00	27.44 0.41 0.00	30.70 0.61 0.00	27.71 0.54 0.00	29.28 0.64 0.00	29.46 0.66 0.00	37.29 0.90 0.00	267.95 -0.50 0.00	85.46 -0.59 0.00	45.34 -0.80 0.00	42.65 -0.82 0.00	45.62 -1.07 0.00	43.33 -1.13 0.00	44.56 -1.71 0.00	41.72 -1.31 0.00	41.62 -0.47 0.00	39.40 -0.72 0.00	44.24 -0.14 0.00	42.26 0.30 0.00	43.16 0.36 0.00	41.38 0.23 0.00	44.72 -0.11 0.00	40.42 -0.15 0.00	34.26 -0.44 0.00
LITTLRIV_115KV_TB1 356100	27.36 0.17 0.00	27.08 0.05 0.00	30.03 -0.06 0.00	27.10 -0.07 0.00	28.53 -0.11 0.00	28.69 -0.11 0.00	36.38 -0.02 0.00	268.72 0.26 0.00	86.49 0.44 0.00	46.58 0.44 0.00	44.10 0.63 0.00	47.24 0.55 0.00	44.66 0.20 0.00	46.38 0.10 0.00	42.85 -0.17 0.00	41.29 -0.80 0.00	39.82 -0.30 0.00	44.27 -0.11 0.00	41.89 -0.07 0.00	42.79 -0.01 0.00	41.18 0.03 0.00	45.31 0.47 0.00	41.15 0.59 0.00	35.22 0.52 0.00
LI_NEWBRDGE___DRP 323616	28.88 1.68 0.00	28.73 1.70 0.00	31.81 1.72 0.00	28.69 1.52 0.00	35.95 1.61 -5.70	31.90 1.70 -1.40	38.70 2.30 -0.01	232.98 4.09 39.56	87.38 1.32 0.00	47.17 1.03 0.00	44.02 0.54 0.00	47.26 0.57 0.00	45.40 0.94 0.00	47.59 1.31 0.00	44.58 1.55 0.00	44.15 1.84 -0.22	41.43 1.31 0.00	45.75 1.37 0.00	43.31 1.35 0.00	44.29 1.49 0.00	42.20 1.05 0.00	46.16 1.10 -0.23	42.06 1.49 0.00	35.72 1.02 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.02 -0.17 0.00	26.65 -0.38 0.00	30.01 -0.08 0.00	27.23 0.06 0.00	28.75 0.11 0.00	29.06 0.26 0.00	36.48 0.08 0.00	257.39 -11.06 0.00	83.99 -2.06 0.00	45.07 -1.07 0.00	42.13 -1.34 0.00	45.47 -1.22 0.00	43.26 -1.20 0.00	45.17 -1.11 0.00	41.72 -1.30 0.00	40.91 -1.18 0.00	38.33 -1.79 0.00	42.28 -2.10 0.00	39.70 -2.26 0.00	41.11 -1.69 0.00	39.44 -1.71 0.00	42.80 -2.03 0.00	39.00 -1.57 0.00	33.97 -0.73 0.00
LOCKPORT___CC1 323769	26.99 -0.20 0.00	26.63 -0.40 0.00	29.98 -0.11 0.00	27.21 0.04 0.00	28.72 0.08 0.00	29.03 0.22 0.00	36.43 0.04 0.00	256.89 -11.56 0.00	83.82 -2.23 0.00	44.99 -1.16 0.00	42.04 -1.44 0.00	45.38 -1.31 0.00	43.17 -1.29 0.00	45.09 -1.19 0.00	41.65 -1.37 0.00	40.84 -1.25 0.00	38.27 -1.85 0.00	42.20 -2.18 0.00	39.61 -2.35 0.00	41.03 -1.77 0.00	39.37 -1.78 0.00	42.74 -2.10 0.00	38.95 -1.62 0.00	33.92 -0.79 0.00
LOCKPORT___CC2 323770	26.99 -0.20 0.00	26.63 -0.40 0.00	29.98 -0.11 0.00	27.21 0.04 0.00	28.72 0.08 0.00	29.03 0.22 0.00	36.43 0.04 0.00	256.89 -11.56 0.00	83.82 -2.23 0.00	44.99 -1.16 0.00	42.04 -1.44 0.00	45.38 -1.31 0.00	43.17 -1.29 0.00	45.09 -1.19 0.00	41.65 -1.37 0.00	40.84 -1.25 0.00	38.27 -1.85 0.00	42.20 -2.18 0.00	39.61 -2.35 0.00	41.03 -1.77 0.00	39.37 -1.78 0.00	42.74 -2.10 0.00	38.95 -1.62 0.00	33.92 -0.79 0.00
LOCKPORT___CC3 323771	26.99 -0.20 0.00	26.63 -0.40 0.00	29.98 -0.11 0.00	27.21 0.04 0.00	28.72 0.08 0.00	29.03 0.22 0.00	36.43 0.04 0.00	256.89 -11.56 0.00	83.82 -2.23 0.00	44.99 -1.16 0.00	42.04 -1.44 0.00	45.38 -1.31 0.00	43.17 -1.29 0.00	45.09 -1.19 0.00	41.65 -1.37 0.00	40.84 -1.25 0.00	38.27 -1.85 0.00	42.20 -2.18 0.00	39.61 -2.35 0.00	41.03 -1.77 0.00	39.37 -1.78 0.00	42.74 -2.10 0.00	38.95 -1.62 0.00	33.92 -0.79 0.00
LONG_LAKE_PHOENIX 24014	26.73 -0.46 0.00	26.53 -0.49 0.00	29.62 -0.46 0.00	26.77 -0.40 0.00	28.24 -0.40 0.00	28.45 -0.35 0.00	35.92 -0.47 0.00	270.19 1.74 0.00	88.29 2.24 0.00	47.35 1.21 0.00	44.48 1.01 0.00	47.83 1.14 0.00	45.51 1.04 0.00	47.31 1.03 0.00	43.79 0.76 0.00	42.74 0.65 0.00	40.82 0.70 0.00	45.23 0.85 0.00	42.78 0.81 0.00	43.69 0.89 0.00	41.89 0.74 0.00	45.71 0.87 0.00	41.40 0.83 0.00	35.34 0.64 0.00
LOVETT___3 23632	28.48 1.29 0.00	28.31 1.28 0.00	31.30 1.22 0.00	28.20 1.03 0.00	29.71 1.07 0.00	29.97 1.17 0.00	38.11 1.72 0.00	274.05 5.59 0.00	88.13 2.07 0.00	47.08 0.94 0.00	44.19 0.72 0.00	47.56 0.87 0.00	45.56 1.10 0.00	47.58 1.30 0.00	44.39 1.38 0.00	43.77 1.48 -0.21	41.32 1.20 0.00	45.77 1.39 0.00	43.31 1.35 0.00	44.17 1.38 0.00	42.24 1.09 0.00	45.86 1.02 0.00	41.72 1.16 0.00	35.55 0.85 0.00
LOVETT___4 23642	28.48 1.29 0.00	28.31 1.28 0.00	31.30 1.22 0.00	28.20 1.03 0.00	29.71 1.07 0.00	29.97 1.17 0.00	38.11 1.72 0.00	274.05 5.59 0.00	88.13 2.07 0.00	47.08 0.94 0.00	44.19 0.72 0.00	47.56 0.87 0.00	45.56 1.10 0.00	47.58 1.30 0.00	44.39 1.38 0.00	43.77 1.48 -0.21	41.32 1.20 0.00	45.77 1.39 0.00	43.31 1.35 0.00	44.17 1.38 0.00	42.24 1.09 0.00	45.86 1.02 0.00	41.72 1.16 0.00	35.55 0.85 0.00
LOVETT___5 23593	28.48 1.29 0.00	28.31 1.28 0.00	31.30 1.22 0.00	28.20 1.03 0.00	29.71 1.07 0.00	29.97 1.17 0.00	38.11 1.72 0.00	274.05 5.59 0.00	88.13 2.07 0.00	47.08 0.94 0.00	44.19 0.72 0.00	47.56 0.87 0.00	45.56 1.10 0.00	47.58 1.30 0.00	44.39 1.38 0.00	43.77 1.48 -0.21	41.32 1.20 0.00	45.77 1.39 0.00	43.31 1.35 0.00	44.17 1.38 0.00	42.24 1.09 0.00	45.86 1.02 0.00	41.72 1.16 0.00	35.55 0.85 0.00
LOWER RAQUET___HYD 24057	27.01 -0.19 0.00	26.73 -0.30 0.00	29.64 -0.45 0.00	26.75 -0.42 0.00	28.15 -0.49 0.00	28.31 -0.49 0.00	35.84 -0.55 0.00	264.94 -3.51 0.00	85.35 -0.70 0.00	45.99 -0.15 0.00	43.53 0.06 0.00	46.67 -0.02 0.00	44.10 -0.36 0.00	45.83 -0.45 0.00	42.38 -0.64 0.00	40.81 -1.28 0.00	39.37 -0.75 0.00	43.68 -0.70 0.00	41.26 -0.70 0.00	42.07 -0.72 0.00	40.50 -0.65 0.00	44.69 -0.14 0.00	40.66 0.09 0.00	34.79 0.09 0.00
LOWER___HUDSON 24059	28.28 1.09 0.00	28.23 1.21 0.00	31.39 1.30 0.00	28.33 1.16 0.00	29.89 1.25 0.00	30.46 1.24 -0.41	37.91 1.52 0.00	276.53 8.08 0.00	88.31 2.26 0.00	47.05 0.91 0.00	44.40 0.93 0.00	47.64 0.95 0.00	45.50 1.03 0.00	47.28 1.00 0.00	44.02 1.00 0.00	42.93 1.13 0.28	41.09 0.97 0.00	45.71 1.33 0.00	43.34 1.38 0.00	44.26 1.46 0.00	42.48 1.33 0.00	46.06 1.22 0.00	41.74 1.17 0.00	35.56 0.85 0.00
LOWVILLE_115KV_TB2 356335	26.91 -0.28 0.00	26.76 -0.27 0.00	29.74 -0.35 0.00	26.91 -0.27 0.00	28.22 -0.42 0.00	28.49 -0.31 0.00	36.17 -0.22 0.00	270.30 1.85 0.00	87.22 1.17 0.00	46.70 0.56 0.00	43.97 0.50 0.00	47.40 0.71 0.00	45.12 0.66 0.00	47.18 0.90 0.00	43.72 0.70 0.00	42.29 0.20 0.00	41.16 1.04 0.00	45.59 1.21 0.00	43.07 1.10 0.00	43.96 1.17 0.00	41.96 0.81 0.00	45.80 0.96 0.00	41.37 0.81 0.00	34.79 0.09 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.68 1.49 0.00	28.60 1.56 0.00	31.82 1.73 0.00	28.71 1.54 0.00	30.30 1.66 0.00	30.73 1.67 -0.26	38.58 2.18 0.00	281.45 12.99 0.00	89.94 3.89 0.00	47.92 1.78 0.00	45.19 1.72 0.00	48.52 1.83 0.00	46.29 1.82 0.00	48.04 1.76 0.00	44.71 1.69 0.00	43.77 1.90 0.22	41.89 1.77 0.00	46.64 2.26 0.00	44.24 2.28 0.00	45.18 2.39 0.00	43.31 2.16 0.00	46.91 2.07 0.00	42.43 1.87 0.00	36.14 1.44 0.00

LUTHERNY_35_KV_BK2 355980	28.69 1.49 0.00	28.60 1.57 0.00	31.90 1.81 0.00	28.72 1.55 0.00	30.31 1.66 0.00	30.74 1.68 -0.26	38.59 2.20 0.00	281.64 13.19 0.00	90.00 3.95 0.00	47.94 1.80 0.00	45.19 1.72 0.00	48.57 1.88 0.00	46.30 1.84 0.00	48.07 1.79 0.00	44.71 1.69 0.00	43.78 1.91 0.22	41.90 1.78 0.00	46.66 2.28 0.00	44.27 2.30 0.00	45.22 2.42 0.00	43.33 2.18 0.00	46.92 2.09 0.00	42.44 1.87 0.00	36.15 1.45 0.00
LWR___OSWEGATCHIE_HYD 23850	26.99 -0.20 0.00	26.77 -0.26 0.00	29.73 -0.36 0.00	26.87 -0.30 0.00	28.23 -0.41 0.00	28.44 -0.36 0.00	36.08 -0.32 0.00	268.39 -0.07 0.00	86.62 0.57 0.00	46.52 0.38 0.00	43.88 0.41 0.00	47.16 0.47 0.00	44.70 0.24 0.00	46.55 0.27 0.00	43.03 0.01 0.00	41.54 -0.55 0.00	40.33 0.21 0.00	44.72 0.35 0.00	42.28 0.32 0.00	43.15 0.35 0.00	41.36 0.21 0.00	45.38 0.55 0.00	41.13 0.56 0.00	34.89 0.18 0.00
LYONS_FALL_HYD 23570	27.22 0.02 0.00	27.06 0.03 0.00	30.10 0.02 0.00	27.23 0.06 0.00	28.61 -0.03 0.00	28.86 0.06 0.00	36.61 0.22 0.00	272.67 4.22 0.00	87.73 1.68 0.00	46.96 0.82 0.00	44.20 0.72 0.00	47.56 0.87 0.00	45.28 0.81 0.00	47.31 1.03 0.00	43.87 0.85 0.00	42.67 0.58 0.00	41.21 1.08 0.00	45.65 1.27 0.00	43.16 1.20 0.00	44.05 1.25 0.00	42.13 0.98 0.00	45.89 1.06 0.00	41.45 0.89 0.00	35.05 0.34 0.00
MADISON___COUNTY_LFGE 323628	27.64 0.44 0.00	27.44 0.41 0.00	30.64 0.55 0.00	27.71 0.54 0.00	29.19 0.55 0.00	29.43 0.63 0.00	37.32 0.93 0.00	277.26 8.81 0.00	88.79 2.74 0.00	47.51 1.37 0.00	44.68 1.21 0.00	47.93 1.25 0.00	45.65 1.18 0.00	47.67 1.39 0.00	44.25 1.23 0.00	43.36 1.27 0.00	41.42 1.29 0.00	45.94 1.56 0.00	43.47 1.51 0.00	44.37 1.57 0.00	42.52 1.37 0.00	46.17 1.34 0.00	41.70 1.14 0.00	35.52 0.82 0.00
MALONE___115KV_TB1 356076	26.70 -0.50 0.00	26.43 -0.61 0.00	29.27 -0.82 0.00	26.41 -0.76 0.00	27.81 -0.83 0.00	27.95 -0.85 0.00	35.41 -0.98 0.00	261.97 -6.48 0.00	84.63 -1.43 0.00	45.88 -0.26 0.00	43.59 0.11 0.00	46.82 0.13 0.00	44.39 -0.07 0.00	46.10 -0.18 0.00	42.63 -0.39 0.00	41.43 -0.65 0.00	40.02 -0.10 0.00	44.44 0.06 0.00	42.00 0.04 0.00	42.73 -0.07 0.00	41.06 -0.09 0.00	44.90 0.06 0.00	40.72 0.15 0.00	34.93 0.22 0.00
MAPLEWOD_115KV_TB3 80458	28.07 0.88 0.00	27.99 0.96 0.00	31.13 1.04 0.00	28.10 0.93 0.00	29.63 0.98 0.00	30.23 0.99 -0.44	37.64 1.24 0.00	274.40 5.94 0.00	87.70 1.65 0.00	46.82 0.68 0.00	44.14 0.67 0.00	47.38 0.69 0.00	45.26 0.80 0.00	47.05 0.77 0.00	43.77 0.75 0.00	42.79 0.92 0.21	40.93 0.80 0.00	45.47 1.10 0.00	43.08 1.11 0.00	44.00 1.20 0.00	42.20 1.05 0.00	45.79 0.96 0.00	41.48 0.91 0.00	35.32 0.62 0.00
MAPLE_RIDGE_WT_1 323574	26.46 -0.73 0.00	26.22 -0.81 0.00	29.06 -1.03 0.00	26.15 -1.02 0.00	27.54 -1.10 0.00	27.73 -1.07 0.00	35.01 -1.38 0.00	259.32 -9.13 0.00	83.23 -2.83 0.00	44.76 -1.38 0.00	42.32 -1.15 0.00	45.44 -1.25 0.00	43.37 -1.09 0.00	45.53 -0.75 0.00	42.30 -0.72 0.00	41.16 -0.93 0.00	39.41 -0.71 0.00	43.66 -0.72 0.00	41.13 -0.84 0.00	41.89 -0.91 0.00	40.18 -0.97 0.00	43.82 -1.01 0.00	39.69 -0.87 0.00	33.83 -0.87 0.00
MAPLE_RIDGE_WT_2 323611	26.46 -0.73 0.00	26.22 -0.81 0.00	29.06 -1.03 0.00	26.15 -1.02 0.00	27.54 -1.10 0.00	27.73 -1.07 0.00	35.01 -1.38 0.00	259.32 -9.13 0.00	83.23 -2.83 0.00	44.76 -1.38 0.00	42.32 -1.15 0.00	45.44 -1.25 0.00	43.37 -1.09 0.00	45.53 -0.75 0.00	42.30 -0.72 0.00	41.16 -0.93 0.00	39.41 -0.71 0.00	43.66 -0.72 0.00	41.13 -0.84 0.00	41.89 -0.91 0.00	40.18 -0.97 0.00	43.82 -1.01 0.00	39.69 -0.87 0.00	33.83 -0.87 0.00
MARBLE_RIVER_WT_PWR 323696	-23.35 -0.95 49.60	-23.35 -1.04 49.33	-23.28 -1.29 52.07	-23.30 -1.18 49.28	-23.04 -1.28 50.41	-23.15 -1.33 50.62	1.43 -1.65 33.31	240.31 -11.48 16.67	38.47 -3.24 44.35	39.88 -1.01 5.26	43.01 -0.46 0.00	46.26 -0.43 0.00	43.95 -0.52 0.00	45.62 -0.66 0.00	42.16 -0.86 0.00	41.11 -0.97 0.00	39.79 -0.33 0.00	44.20 -0.18 0.00	41.78 -0.18 0.00	42.39 -0.41 0.00	40.70 -0.45 0.00	44.38 -0.46 0.00	40.27 -0.29 0.00	34.60 -0.10 0.00
MARSHVLE_115KV_TB1 80742	28.71 1.52 0.00	28.42 1.39 0.00	31.63 1.54 0.00	28.56 1.39 0.00	30.09 1.45 0.00	30.44 1.52 -0.12	38.59 2.20 0.00	285.79 17.33 0.00	91.55 5.50 0.00	49.03 2.89 0.00	46.16 2.69 0.00	49.38 2.69 0.00	46.75 2.28 0.00	48.30 2.03 0.00	44.91 1.89 0.00	44.11 2.15 0.13	42.50 2.38 0.00	47.29 2.91 0.00	44.80 2.84 0.00	45.83 3.03 0.00	43.90 2.75 0.00	47.72 2.89 0.00	43.14 2.57 0.00	36.84 2.13 0.00
MARSH_HILL_WT_PWR 323713	26.64 -0.55 0.00	25.74 -1.29 0.00	29.48 -0.61 0.00	26.85 -0.32 0.00	27.98 -0.66 0.00	28.50 -0.30 0.00	36.10 -0.29 0.00	271.25 2.79 0.00	86.87 0.82 0.00	46.05 -0.09 0.00	42.66 -0.81 0.00	45.79 -0.90 0.00	43.10 -1.36 0.00	45.45 -0.83 0.00	42.61 -0.41 0.00	42.58 0.49 0.00	39.93 -0.19 0.00	43.79 -0.59 0.00	41.43 -0.53 0.00	43.03 0.23 0.00	41.14 -0.01 0.00	44.33 -0.51 0.00	39.72 -0.85 0.00	34.13 -0.58 0.00
MCINTYRE_115KV_TB2 80467	27.55 0.35 0.00	27.25 0.22 0.00	30.22 0.13 0.00	27.28 0.11 0.00	28.72 0.08 0.00	28.88 0.07 0.00	36.63 0.24 0.00	270.28 1.82 0.00	86.87 0.82 0.00	46.76 0.62 0.00	44.27 0.79 0.00	47.38 0.70 0.00	44.83 0.37 0.00	46.53 0.25 0.00	42.99 -0.03 0.00	41.50 -0.59 0.00	40.00 -0.12 0.00	44.47 0.10 0.00	42.13 0.16 0.00	43.08 0.29 0.00	41.48 0.33 0.00	45.52 0.69 0.00	41.32 0.75 0.00	35.39 0.68 0.00
MECO_____69_KV_BK1 80468	28.94 1.74 0.00	28.71 1.68 0.00	31.94 1.85 0.00	28.83 1.66 0.00	30.40 1.76 0.00	30.76 1.82 -0.13	38.99 2.60 0.00	287.19 18.74 0.00	91.89 5.84 0.00	48.96 2.82 0.00	46.08 2.61 0.00	49.23 2.54 0.00	46.82 2.36 0.00	48.03 1.75 0.00	44.61 1.58 0.00	43.95 2.01 0.15	42.36 2.23 0.00	47.42 3.05 0.00	45.11 3.15 0.00	46.19 3.39 0.00	44.24 3.09 0.00	47.98 3.15 0.00	43.35 2.78 0.00	36.93 2.23 0.00
MENANDS___115KV_TB5 355628	27.90 0.71 0.00	27.83 0.80 0.00	30.95 0.86 0.00	27.93 0.76 0.00	29.45 0.81 0.00	29.99 0.81 -0.38	37.40 1.01 0.00	272.28 3.82 0.00	87.07 1.02 0.00	46.47 0.33 0.00	43.83 0.36 0.00	47.05 0.37 0.00	44.95 0.49 0.00	46.75 0.47 0.00	43.52 0.50 0.00	42.51 0.63 0.21	40.63 0.51 0.00	45.15 0.77 0.00	42.75 0.79 0.00	43.65 0.86 0.00	41.88 0.73 0.00	45.45 0.61 0.00	41.17 0.60 0.00	35.08 0.38 0.00
MG INDUSTRY___DRP 24185	27.83 0.64 0.00	27.77 0.74 0.00	30.94 0.85 0.00	27.94 0.77 0.00	29.46 0.82 0.00	29.09 0.79 0.50	37.35 0.96 0.00	272.60 4.15 0.00	87.13 1.08 0.00	46.52 0.38 0.00	43.86 0.39 0.00	47.04 0.35 0.00	44.89 0.43 0.00	46.64 0.36 0.00	43.36 0.34 0.00	42.46 0.50 0.13	40.61 0.49 0.00	45.15 0.77 0.00	42.79 0.82 0.00	43.72 0.92 0.00	41.95 0.80 0.00	45.57 0.73 0.00	41.27 0.70 0.00	35.20 0.49 0.00

MID___OSWEGATCHIE_HYD 23849	26.99 -0.20 0.00	26.77 -0.26 0.00	29.73 -0.36 0.00	26.87 -0.30 0.00	28.23 -0.41 0.00	28.44 -0.36 0.00	36.08 -0.32 0.00	268.39 -0.07 0.00	86.62 0.57 0.00	46.52 0.38 0.00	43.88 0.41 0.00	47.16 0.47 0.00	44.70 0.24 0.00	46.55 0.27 0.00	43.03 0.01 0.00	41.54 -0.55 0.00	40.33 0.21 0.00	44.72 0.35 0.00	42.28 0.32 0.00	43.15 0.35 0.00	41.36 0.21 0.00	45.38 0.55 0.00	41.13 0.56 0.00	34.89 0.18 0.00
MID___RAQUETTE_HYD 23851	27.01 -0.19 0.00	26.74 -0.29 0.00	29.64 -0.45 0.00	26.75 -0.42 0.00	28.15 -0.49 0.00	28.31 -0.49 0.00	35.84 -0.55 0.00	265.01 -3.44 0.00	85.35 -0.70 0.00	45.99 -0.15 0.00	43.53 0.05 0.00	46.67 -0.02 0.00	44.10 -0.36 0.00	45.83 -0.45 0.00	42.38 -0.64 0.00	40.80 -1.28 0.00	39.37 -0.75 0.00	43.68 -0.70 0.00	41.26 -0.70 0.00	42.07 -0.72 0.00	40.51 -0.64 0.00	44.69 -0.14 0.00	40.66 0.09 0.00	34.79 0.09 0.00
MILLIKEN___1 23584	27.53 0.33 0.00	27.26 0.23 0.00	30.61 0.52 0.00	27.67 0.50 0.00	29.21 0.56 0.00	29.44 0.64 0.00	37.31 0.92 0.00	276.88 8.43 0.00	88.38 2.33 0.00	47.34 1.20 0.00	44.54 1.07 0.00	47.88 1.19 0.00	45.48 1.02 0.00	47.52 1.24 0.00	44.13 1.11 0.00	43.26 1.17 0.00	41.20 1.08 0.00	45.67 1.29 0.00	43.22 1.26 0.00	44.14 1.34 0.00	42.28 1.13 0.00	45.88 1.05 0.00	41.42 0.85 0.00	35.46 0.75 0.00
MILLIKEN___2 23585	27.53 0.33 0.00	27.26 0.23 0.00	30.61 0.52 0.00	27.67 0.50 0.00	29.21 0.56 0.00	29.44 0.64 0.00	37.31 0.92 0.00	276.88 8.43 0.00	88.38 2.33 0.00	47.34 1.20 0.00	44.54 1.07 0.00	47.88 1.19 0.00	45.48 1.02 0.00	47.52 1.24 0.00	44.13 1.11 0.00	43.26 1.17 0.00	41.20 1.08 0.00	45.67 1.29 0.00	43.22 1.26 0.00	44.14 1.34 0.00	42.28 1.13 0.00	45.88 1.05 0.00	41.42 0.85 0.00	35.46 0.75 0.00
MILLIKEN___DIESEL 23629	27.53 0.33 0.00	27.26 0.23 0.00	30.61 0.52 0.00	27.67 0.50 0.00	29.21 0.56 0.00	29.44 0.64 0.00	37.31 0.92 0.00	276.88 8.43 0.00	88.38 2.33 0.00	47.34 1.20 0.00	44.54 1.07 0.00	47.88 1.19 0.00	45.48 1.02 0.00	47.52 1.24 0.00	44.13 1.11 0.00	43.26 1.17 0.00	41.20 1.08 0.00	45.67 1.29 0.00	43.22 1.26 0.00	44.14 1.34 0.00	42.28 1.13 0.00	45.88 1.05 0.00	41.42 0.85 0.00	35.46 0.75 0.00
MILLSEAT___LFGE 323607	27.51 0.32 0.00	27.14 0.11 0.00	30.52 0.43 0.00	27.68 0.51 0.00	29.23 0.58 0.00	29.56 0.76 0.00	37.20 0.81 0.00	264.49 -3.96 0.00	86.21 0.16 0.00	46.29 0.15 0.00	43.29 -0.18 0.00	46.71 0.02 0.00	44.38 -0.08 0.00	46.34 0.07 0.00	42.77 -0.25 0.00	41.92 -0.16 0.00	39.37 -0.76 0.00	43.49 -0.89 0.00	40.86 -1.11 0.00	42.28 -0.52 0.00	40.49 -0.66 0.00	43.88 -0.95 0.00	39.90 -0.67 0.00	34.66 -0.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.53 1.33 0.00	28.35 1.32 0.00	31.37 1.29 0.00	28.27 1.10 0.00	29.79 1.15 0.00	30.07 1.24 -0.03	38.18 1.79 0.00	274.59 6.13 0.00	88.22 2.16 0.00	47.16 1.02 0.00	44.25 0.78 0.00	47.60 0.91 0.00	45.61 1.15 0.00	47.64 1.36 0.00	44.44 1.42 0.00	43.83 1.53 -0.22	41.38 1.25 0.00	45.84 1.47 0.00	43.37 1.41 0.00	44.24 1.44 0.00	42.30 1.15 0.00	45.93 1.10 0.00	41.79 1.22 0.00	35.60 0.90 0.00
MILLWOOD_13_KV_LOAD 356217	28.59 1.39 0.00	28.42 1.39 0.00	31.44 1.35 0.00	28.33 1.16 0.00	29.85 1.21 0.00	30.14 1.31 -0.03	38.27 1.88 0.00	275.31 6.86 0.00	88.46 2.40 0.00	47.30 1.16 0.00	44.35 0.87 0.00	47.71 1.02 0.00	45.73 1.27 0.00	47.76 1.48 0.00	44.56 1.54 0.00	43.95 1.65 -0.22	41.49 1.37 0.00	45.98 1.60 0.00	43.50 1.54 0.00	44.37 1.58 0.00	42.42 1.27 0.00	46.05 1.21 0.00	41.89 1.32 0.00	35.69 0.99 0.00
MODEL_CITY_ENERGY 24167	26.75 -0.44 0.00	26.40 -0.63 0.00	29.71 -0.37 0.00	26.98 -0.19 0.00	28.48 -0.16 0.00	28.78 -0.02 0.00	36.08 -0.31 0.00	254.10 -14.35 0.00	82.95 -3.11 0.00	44.50 -1.64 0.00	41.59 -1.88 0.00	44.88 -1.81 0.00	42.72 -1.75 0.00	44.60 -1.68 0.00	41.19 -1.83 0.00	40.39 -1.70 0.00	37.84 -2.28 0.00	41.70 -2.68 0.00	39.15 -2.81 0.00	40.55 -2.24 0.00	38.93 -2.22 0.00	42.27 -2.56 0.00	38.55 -2.02 0.00	33.60 -1.10 0.00
MODERN_LFGE___ 323580	26.75 -0.44 0.00	26.40 -0.63 0.00	29.71 -0.37 0.00	26.98 -0.19 0.00	28.48 -0.16 0.00	28.78 -0.02 0.00	36.08 -0.31 0.00	254.10 -14.35 0.00	82.95 -3.11 0.00	44.50 -1.64 0.00	41.59 -1.88 0.00	44.88 -1.81 0.00	42.72 -1.75 0.00	44.60 -1.68 0.00	41.19 -1.83 0.00	40.39 -1.70 0.00	37.84 -2.28 0.00	41.70 -2.68 0.00	39.15 -2.81 0.00	40.55 -2.24 0.00	38.93 -2.22 0.00	42.27 -2.56 0.00	38.55 -2.02 0.00	33.60 -1.10 0.00
MOHAWK_PAPER___DRP 24187	28.07 0.88 0.00	27.99 0.96 0.00	31.13 1.04 0.00	28.10 0.93 0.00	29.63 0.98 0.00	30.23 0.99 -0.44	37.64 1.24 0.00	274.40 5.94 0.00	87.70 1.65 0.00	46.82 0.68 0.00	44.14 0.67 0.00	47.38 0.69 0.00	45.26 0.80 0.00	47.05 0.77 0.00	43.77 0.75 0.00	42.79 0.92 0.21	40.93 0.80 0.00	45.47 1.10 0.00	43.08 1.11 0.00	44.00 1.20 0.00	42.20 1.05 0.00	45.79 0.96 0.00	41.48 0.91 0.00	35.32 0.62 0.00
MOHICAN___35_KV_115KV_LD 80490	29.16 1.96 0.00	29.05 2.02 0.00	32.24 2.15 0.00	29.14 1.97 0.00	30.79 2.15 0.00	31.28 2.22 -0.26	39.36 2.97 0.00	286.46 18.00 0.00	91.49 5.44 0.00	48.61 2.47 0.00	45.96 2.50 0.00	49.23 2.54 0.00	47.03 2.56 0.00	48.79 2.51 0.00	45.41 2.39 0.00	44.48 2.61 0.22	42.67 2.55 0.00	47.60 3.22 0.00	45.23 3.27 0.00	46.19 3.39 0.00	44.21 3.06 0.00	47.69 2.86 0.00	43.08 2.51 0.00	36.63 1.93 0.00
MONGAUP___HYD 23641	28.47 1.28 0.00	28.29 1.26 0.00	31.36 1.27 0.00	28.26 1.10 0.00	29.79 1.15 0.00	30.03 1.23 0.00	38.18 1.79 0.00	276.60 8.15 0.00	88.70 2.65 0.00	47.18 1.04 0.00	44.35 0.87 0.00	47.85 1.16 0.00	45.84 1.37 0.00	47.76 1.48 0.00	44.45 1.43 0.00	43.85 1.58 -0.18	41.41 1.29 0.00	45.96 1.58 0.00	43.54 1.58 0.00	44.48 1.68 0.00	42.56 1.41 0.00	46.26 1.43 0.00	42.04 1.47 0.00	35.83 1.13 0.00
MONTAUK___DIESEL 23721	27.80 0.61 0.00	27.69 0.66 0.00	30.39 0.30 0.00	27.67 0.50 0.00	35.00 0.65 -5.70	30.68 0.48 -1.40	37.28 0.88 -0.01	211.00 -15.75 41.70	80.56 -4.49 1.00	45.16 -0.98 0.00	35.87 -1.74 5.86	39.22 -1.91 5.55	35.23 -1.31 7.92	32.54 -0.85 12.89	37.66 -0.23 5.13	42.34 0.03 -0.22	39.80 -0.32 0.00	43.66 -0.72 0.00	41.71 -0.26 0.00	42.61 -0.19 0.00	40.70 -0.45 0.00	44.55 -0.52 -0.23	40.46 -0.11 0.00	33.89 -0.81 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.00 -0.19 0.00	26.64 -0.39 0.00	30.32 0.24 0.00	27.62 0.45 0.00	29.27 0.63 0.00	29.34 0.54 0.00	37.15 0.76 0.00	267.79 -0.67 0.00	85.91 -0.14 0.00	46.64 0.50 0.00	43.51 0.04 0.00	47.16 0.46 0.00	44.99 0.52 0.00	47.22 0.94 0.00	43.71 0.69 0.00	42.84 0.75 0.00	40.19 0.07 0.00	44.37 -0.01 0.00	41.69 -0.28 0.00	43.37 0.57 0.00	41.66 0.51 0.00	45.21 0.37 0.00	40.86 0.29 0.00	35.24 0.54 0.00

MORRIS_RIDGE___SOLAR 323848	26.70 -0.49 0.00	26.40 -0.62 0.00	29.85 -0.24 0.00	27.11 -0.06 0.00	28.54 -0.11 0.00	28.87 0.07 0.00	36.46 0.07 0.00	263.89 -4.56 0.00	84.47 -1.58 0.00	45.28 -0.86 0.00	42.28 -1.20 0.00	45.64 -1.05 0.00	43.29 -1.17 0.00	45.30 -0.98 0.00	42.16 -0.86 0.00	41.35 -0.73 0.00	38.99 -1.14 0.00	43.17 -1.20 0.00	40.50 -1.46 0.00	41.71 -1.09 0.00	39.98 -1.17 0.00	43.38 -1.45 0.00	39.31 -1.26 0.00	34.07 -0.64 0.00
MORTIMER_115KV_TB3 55949	27.21 0.01 0.00	26.90 -0.13 0.00	30.14 0.05 0.00	27.28 0.11 0.00	28.80 0.15 0.00	29.09 0.29 0.00	36.69 0.29 0.00	264.56 -3.90 0.00	85.98 -0.07 0.00	46.14 0.00 0.00	43.23 -0.24 0.00	46.60 -0.09 0.00	44.29 -0.17 0.00	46.22 -0.06 0.00	42.80 -0.22 0.00	41.94 -0.15 0.00	39.53 -0.60 0.00	43.68 -0.69 0.00	41.11 -0.85 0.00	42.35 -0.45 0.00	40.57 -0.58 0.00	43.99 -0.84 0.00	39.93 -0.64 0.00	34.46 -0.24 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.72 1.52 0.00	28.53 1.50 0.00	31.55 1.46 0.00	28.44 1.27 0.00	29.96 1.32 0.00	30.27 1.44 -0.03	38.45 2.06 0.00	275.93 7.47 0.00	88.73 2.68 0.00	47.43 1.29 0.00	44.48 1.01 0.00	47.86 1.17 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.71 1.68 0.00	44.10 1.79 -0.22	41.61 1.49 0.00	46.11 1.73 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.50 1.35 0.00	46.15 1.32 0.00	42.00 1.43 0.00	35.79 1.09 0.00
MUNSVILLE_WIND_PWR 323609	28.40 1.21 0.00	27.85 0.82 0.00	31.61 1.52 0.00	28.25 1.09 0.00	29.96 1.32 0.00	30.37 1.57 0.00	38.58 2.19 0.00	285.36 16.91 0.00	90.40 4.35 0.00	48.40 2.26 0.00	45.72 2.25 0.00	49.23 2.54 0.00	46.69 2.23 0.00	48.93 2.66 0.00	45.58 2.56 0.00	44.81 2.72 0.00	42.97 2.85 0.00	47.65 3.27 0.00	45.22 3.26 0.00	46.00 3.20 0.00	43.72 2.57 0.00	47.43 2.59 0.00	42.62 2.06 0.00	36.53 1.82 0.00
N SALMON___HYD 24042	26.69 -0.50 0.00	26.42 -0.61 0.00	29.26 -0.82 0.00	26.40 -0.77 0.00	27.81 -0.84 0.00	27.95 -0.85 0.00	35.41 -0.99 0.00	261.97 -6.49 0.00	84.64 -1.41 0.00	45.88 -0.26 0.00	43.59 0.11 0.00	46.82 0.13 0.00	44.39 -0.07 0.00	46.10 -0.18 0.00	42.62 -0.40 0.00	41.43 -0.66 0.00	40.02 -0.10 0.00	44.44 0.06 0.00	42.00 0.04 0.00	42.73 -0.07 0.00	41.06 -0.09 0.00	44.90 0.06 0.00	40.72 0.15 0.00	34.93 0.22 0.00
N.AKRON__115KV_KNAPP 355671	27.40 0.21 0.00	27.03 0.00 0.00	30.41 0.32 0.00	27.58 0.41 0.00	29.13 0.49 0.00	29.47 0.67 0.00	37.05 0.66 0.00	262.73 -5.72 0.00	85.72 -0.34 0.00	46.01 -0.13 0.00	43.03 -0.44 0.00	46.42 -0.26 0.00	44.13 -0.33 0.00	46.08 -0.20 0.00	42.54 -0.48 0.00	41.69 -0.39 0.00	39.12 -1.01 0.00	43.20 -1.18 0.00	40.58 -1.38 0.00	41.99 -0.80 0.00	40.24 -0.91 0.00	43.63 -1.21 0.00	39.69 0.00 0.00	34.51 -0.19 0.00
N.BELMOR_69_KV_BK1 55787	29.01 1.82 0.00	28.86 1.84 0.00	31.94 1.85 0.00	28.81 1.65 0.00	36.07 1.73 -5.70	32.02 1.83 -1.40	38.87 2.46 -0.01	221.22 4.66 51.89	84.97 1.47 2.54	47.40 1.25 0.00	44.18 0.71 0.00	47.34 0.64 0.00	45.50 1.04 0.00	47.72 1.45 0.00	44.74 1.72 0.00	44.32 2.01 -0.22	41.63 1.51 0.00	45.96 1.58 0.00	43.50 1.54 0.00	44.44 1.64 0.00	42.36 1.21 0.00	46.37 1.31 -0.23	42.30 1.73 0.00	35.90 1.20 0.00
N.E_GEN_SANDY PD 24062	28.22 1.03 0.00	28.25 1.12 -0.10	30.97 1.15 0.27	28.18 1.01 0.00	29.67 1.05 0.03	30.28 1.07 -0.41	37.71 1.33 0.01	273.98 5.14 -0.38	-8.81 1.45 96.31	46.60 0.46 0.00	45.84 0.48 -1.90	46.50 0.50 0.69	46.24 0.68 -1.10	44.16 0.70 2.82	43.78 0.75 0.00	41.34 0.83 1.58	40.78 0.66 0.00	45.33 0.95 0.00	42.96 1.00 0.00	43.86 1.07 0.00	40.63 0.92 1.43	44.88 0.77 0.73	42.26 0.84 -0.85	35.29 0.58 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.54 1.34 0.00	28.35 1.32 0.00	31.36 1.27 0.00	28.24 1.07 0.00	29.76 1.12 0.00	30.02 1.22 0.00	38.18 1.78 0.00	274.76 6.31 0.00	88.59 2.54 0.00	47.34 1.20 0.00	44.43 0.95 0.00	47.83 1.14 0.00	45.81 1.35 0.00	47.84 1.56 0.00	44.64 1.62 0.00	44.02 1.73 -0.20	41.57 1.45 0.00	46.03 1.65 0.00	43.55 1.59 0.00	44.27 1.47 0.00	42.33 1.18 0.00	45.99 1.15 0.00	41.94 1.37 0.00	35.72 1.02 0.00
N.QUEENS_27_KV_LOAD 356247	28.74 1.55 0.00	28.58 1.55 0.00	31.60 1.51 0.00	28.53 1.36 0.00	30.02 1.38 0.00	30.37 1.54 -0.03	38.64 2.24 0.00	275.95 7.49 0.00	88.97 2.92 0.00	47.41 1.28 0.01	44.49 1.02 0.00	47.85 1.16 0.01	45.81 1.35 0.01	47.82 1.55 0.01	44.61 1.59 0.01	44.02 1.72 -0.21	41.54 1.43 0.01	46.01 1.64 0.01	43.57 1.61 0.00	44.47 1.67 0.00	42.52 1.38 0.00	46.22 1.39 0.00	42.06 1.49 0.00	35.89 1.19 0.00
N.TROY___115KV_TB1 355778	28.28 1.09 0.00	28.23 1.20 0.00	31.39 1.31 0.00	28.33 1.16 0.00	29.89 1.25 0.00	30.46 1.24 -0.41	37.91 1.52 0.00	276.53 8.08 0.00	88.31 2.26 0.00	47.05 0.91 0.00	44.40 0.93 0.00	47.64 0.95 0.00	45.50 1.04 0.00	47.28 1.00 0.00	44.02 1.00 0.00	42.93 1.13 0.28	41.09 0.97 0.00	45.71 1.33 0.00	43.34 1.38 0.00	44.26 1.46 0.00	42.49 1.33 0.00	46.06 1.22 0.00	41.74 1.17 0.00	35.56 0.85 0.00
NARROWS_GT1_1 24228	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT1_2 24229	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT1_3 24230	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT1_4 24231	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00

NARROWS_GT1_5 24232	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT1_6 24233	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT1_7 24234	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT1_8 24235	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT2_1 24236	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT2_2 24237	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT2_3 24238	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT2_4 24239	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT2_5 24240	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT2_6 24241	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT2_7 24242	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NARROWS_GT2_8 24243	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.57 1.43 0.00	44.64 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.83 0.00	42.70 1.55 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.23 1.04 0.00	28.16 1.13 0.00	31.39 1.31 0.00	28.35 1.18 0.00	29.91 1.27 0.00	29.52 1.28 0.56	38.05 1.66 0.00	278.52 10.06 0.00	89.15 3.10 0.00	47.51 1.37 0.00	44.74 1.27 0.00	47.96 1.27 0.00	45.74 1.28 0.00	47.38 1.10 0.00	43.99 0.97 0.00	43.08 1.08 0.09	41.29 1.17 0.00	46.19 1.82 0.00	43.89 1.93 0.00	44.94 2.14 0.00	43.07 1.92 0.00	46.63 1.79 0.00	42.06 1.49 0.00	35.78 1.08 0.00
NCHELSEA_115KV_TR2 355582	28.59 1.40 0.00	28.42 1.39 0.00	31.47 1.38 0.00	28.37 1.20 0.00	29.90 1.26 0.00	30.14 1.34 0.00	38.30 1.91 0.00	276.56 8.11 0.00	88.75 2.70 0.00	47.43 1.29 0.00	44.54 1.06 0.00	47.94 1.25 0.00	45.90 1.44 0.00	47.94 1.66 0.00	44.67 1.65 0.00	44.03 1.77 -0.17	41.65 1.53 0.00	46.15 1.78 0.00	43.70 1.74 0.00	44.59 1.79 0.00	42.65 1.50 0.00	46.27 1.44 0.00	42.04 1.47 0.00	35.81 1.11 0.00
NEG CAPITAL___MECHNVIL 23645	28.68 1.49 0.00	28.59 1.56 0.00	31.82 1.73 0.00	28.71 1.54 0.00	30.29 1.65 0.00	30.77 1.67 -0.30	38.56 2.17 0.00	281.52 13.07 0.00	89.94 3.88 0.00	47.92 1.79 0.00	45.20 1.73 0.00	48.54 1.84 0.00	46.31 1.85 0.00	48.06 1.78 0.00	44.73 1.71 0.00	43.76 1.91 0.24	41.90 1.78 0.00	46.67 2.29 0.00	44.27 2.31 0.00	45.21 2.41 0.00	43.33 2.18 0.00	46.92 2.08 0.00	42.44 1.87 0.00	36.14 1.44 0.00



NEG CENTRAL_HIGH_ACRES 23767	26.72 -0.47 0.00	26.44 -0.59 0.00	29.59 -0.50 0.00	26.78 -0.38 0.00	28.28 -0.37 0.00	28.57 -0.23 0.00	36.06 -0.33 0.00	261.82 -6.64 0.00	84.91 -1.15 0.00	45.58 -0.56 0.00	42.73 -0.75 0.00	46.03 -0.66 0.00	43.75 -0.72 0.00	45.68 -0.60 0.00	42.32 -0.70 0.00	41.45 -0.64 0.00	39.12 -1.00 0.00	43.26 -1.12 0.00	40.75 -1.22 0.00	41.92 -0.88 0.00	40.12 -1.03 0.00	43.49 -1.35 0.00	39.44 -1.13 0.00	33.99 -0.71 0.00
NEG CENTRAL___DRP 24199	27.07 -0.12 0.00	26.81 -0.22 0.00	30.09 0.00 0.00	27.26 0.09 0.00	28.78 0.14 0.00	29.07 0.27 0.00	36.76 0.37 0.00	272.00 3.54 0.00	87.19 1.13 0.00	46.67 0.53 0.00	43.79 0.32 0.00	47.16 0.47 0.00	44.81 0.35 0.00	46.76 0.48 0.00	43.45 0.43 0.00	42.55 0.47 0.00	40.37 0.25 0.00	44.70 0.32 0.00	42.18 0.22 0.00	43.18 0.38 0.00	41.38 0.23 0.00	44.88 0.04 0.00	40.56 0.00 0.00	34.82 0.12 0.00
NEG CENTRAL___INDECK 23768	27.81 0.61 0.00	27.46 0.43 0.00	30.88 0.79 0.00	27.98 0.81 0.00	29.49 0.85 0.00	29.85 1.05 0.00	37.85 1.46 0.00	274.45 5.99 0.00	88.52 2.47 0.00	47.38 1.24 0.00	44.20 0.73 0.00	47.58 0.89 0.00	44.78 0.31 0.00	46.68 0.40 0.00	43.55 0.52 0.00	42.74 0.65 0.00	40.38 0.25 0.00	44.93 0.55 0.00	42.33 0.37 0.00	43.72 0.92 0.00	41.80 0.65 0.00	45.24 0.41 0.00	40.96 0.39 0.00	35.34 0.63 0.00
NEG CENTRAL___SENECA 23627	27.11 -0.08 0.00	26.81 -0.22 0.00	30.19 0.10 0.00	27.39 0.22 0.00	28.90 0.26 0.00	29.21 0.41 0.00	36.95 0.56 0.00	271.92 3.47 0.00	87.10 1.05 0.00	46.68 0.54 0.00	43.77 0.30 0.00	47.15 0.46 0.00	44.75 0.29 0.00	46.76 0.49 0.00	43.45 0.42 0.00	42.55 0.46 0.00	40.30 0.18 0.00	44.62 0.24 0.00	42.07 0.10 0.00	43.13 0.33 0.00	41.31 0.16 0.00	44.78 -0.06 0.00	40.44 -0.12 0.00	34.83 0.13 0.00
NEG CENTRAL___STATE_STREET 24147	27.15 -0.04 0.00	26.90 -0.13 0.00	30.10 0.01 0.00	27.23 0.06 0.00	28.86 0.21 0.00	29.14 0.34 0.00	36.80 0.41 0.00	273.42 4.96 0.00	87.91 1.86 0.00	46.99 0.85 0.00	44.00 0.53 0.00	47.55 0.86 0.00	45.19 0.72 0.00	47.09 0.81 0.00	43.80 0.77 0.00	42.85 0.77 0.00	40.76 0.63 0.00	45.15 0.77 0.00	42.63 0.67 0.00	43.59 0.79 0.00	41.82 0.67 0.00	45.35 0.51 0.00	41.04 0.47 0.00	35.02 0.31 0.00
NEG MILLWOOD___DRP 24198	28.67 1.48 0.00	28.50 1.47 0.00	31.54 1.46 0.00	28.43 1.26 0.00	29.97 1.32 0.00	30.22 1.42 0.00	38.41 2.02 0.00	277.14 8.69 0.00	88.96 2.91 0.00	47.54 1.40 0.00	44.64 1.17 0.00	48.02 1.33 0.00	45.99 1.53 0.00	48.04 1.76 0.00	44.78 1.76 0.00	44.15 1.87 -0.20	41.74 1.62 0.00	46.28 1.90 0.00	43.82 1.86 0.00	44.72 1.92 0.00	42.74 1.59 0.00	46.37 1.53 0.00	42.11 1.55 0.00	35.86 1.16 0.00
NEG NORTH_FLCN_SEA 23793	-23.64 -1.24 49.60	-23.65 -1.34 49.33	-23.63 -1.64 52.07	-23.63 -1.52 49.28	-23.42 -1.66 50.41	-23.55 -1.73 50.62	0.96 -2.12 33.31	237.77 -14.01 16.67	37.69 -4.02 44.35	39.67 -1.21 5.26	42.96 -0.51 0.00	46.27 -0.42 0.00	43.99 -0.47 0.00	45.65 -0.63 0.00	42.16 -0.86 0.00	41.13 -0.95 0.00	40.00 -0.12 0.00	44.57 0.20 0.00	42.17 0.21 0.00	42.68 -0.12 0.00	40.89 -0.26 0.00	44.43 -0.40 0.00	40.30 -0.26 0.00	34.64 -0.07 0.00
NEG NORTH_KES_CHATEGAY 23792	-23.23 -0.83 49.60	-23.21 -0.90 49.33	-23.14 -1.16 52.07	-23.18 -1.07 49.28	-22.92 -1.15 50.41	-23.01 -1.19 50.62	1.61 -1.47 33.31	241.48 -10.31 16.67	38.90 -2.81 44.35	40.03 -0.86 5.26	43.10 -0.37 0.00	46.32 -0.37 0.00	43.97 -0.50 0.00	45.66 -0.61 0.00	42.23 -0.79 0.00	41.15 -0.93 0.00	39.77 -0.35 0.00	44.15 -0.23 0.00	41.74 -0.22 0.00	42.40 -0.40 0.00	40.74 -0.41 0.00	44.45 -0.38 0.00	40.31 -0.26 0.00	34.64 -0.06 0.00
NEG NORTH___ALICE_FALLS 23915	-23.41 -1.01 49.60	-23.42 -1.12 49.33	-23.38 -1.40 52.07	-23.41 -1.30 49.28	-23.17 -1.41 50.41	-23.29 -1.47 50.62	1.32 -1.77 33.31	240.38 -11.41 16.67	38.62 -3.08 44.35	40.07 -0.82 5.26	43.29 -0.18 0.00	46.61 -0.08 0.00	44.29 -0.18 0.00	45.96 -0.32 0.00	42.45 -0.57 0.00	41.41 -0.68 0.00	40.23 0.11 0.00	44.82 0.44 0.00	42.40 0.44 0.00	42.97 0.17 0.00	41.17 0.03 0.00	44.75 -0.08 0.00	40.57 0.01 0.00	34.84 0.14 0.00
NEG NORTH___LWR_SARANAC 23913	-23.41 -1.01 49.60	-23.42 -1.12 49.33	-23.38 -1.40 52.07	-23.41 -1.30 49.28	-23.17 -1.41 50.41	-23.29 -1.47 50.62	1.32 -1.77 33.31	240.38 -11.41 16.67	38.62 -3.08 44.35	40.07 -0.82 5.26	43.29 -0.18 0.00	46.61 -0.08 0.00	44.29 -0.18 0.00	45.96 -0.32 0.00	42.45 -0.57 0.00	41.41 -0.68 0.00	40.23 0.11 0.00	44.82 0.44 0.00	42.40 0.44 0.00	42.97 0.17 0.00	41.17 0.03 0.00	44.75 -0.08 0.00	40.57 0.01 0.00	34.84 0.14 0.00
NEG NORTH___PLATTSBURG 23628	-23.42 -1.02 49.60	-23.44 -1.13 49.33	-23.39 -1.41 52.07	-23.42 -1.31 49.28	-23.18 -1.42 50.41	-23.30 -1.48 50.62	1.32 -1.77 33.31	240.31 -11.47 16.67	38.63 -3.08 44.35	40.07 -0.82 5.26	43.29 -0.18 0.00	46.61 -0.08 0.00	44.29 -0.18 0.00	45.96 -0.32 0.00	42.45 -0.57 0.00	41.41 -0.68 0.00	40.23 0.11 0.00	44.82 0.44 0.00	42.40 0.44 0.00	42.97 0.17 0.00	41.17 0.03 0.00	44.75 -0.08 0.00	40.58 0.01 0.00	34.84 0.14 0.00
NEG WEST_LEA_LOCKPORT 23791	26.97 -0.22 0.00	26.62 -0.40 0.00	29.97 -0.11 0.00	27.20 0.03 0.00	28.72 0.08 0.00	29.03 0.22 0.00	36.43 0.04 0.00	257.05 -11.41 0.00	83.82 -2.23 0.00	44.98 -1.16 0.00	42.04 -1.43 0.00	45.38 -1.31 0.00	43.17 -1.29 0.00	45.09 -1.19 0.00	41.65 -1.38 0.00	40.84 -1.24 0.00	38.27 -1.86 0.00	42.20 -2.18 0.00	39.62 -2.35 0.00	41.04 -1.76 0.00	39.37 -1.78 0.00	42.75 -2.09 0.00	38.94 -1.62 0.00	33.91 -0.79 0.00
NEG WEST___LANCASTER 23811	27.28 0.08 0.00	26.94 -0.08 0.00	30.45 0.36 0.00	27.68 0.51 0.00	29.23 0.59 0.00	29.55 0.74 0.00	37.21 0.82 0.00	266.77 -1.69 0.00	85.98 -0.08 0.00	46.16 0.02 0.00	43.16 -0.31 0.00	46.63 -0.06 0.00	44.26 -0.20 0.00	46.32 0.04 0.00	42.88 -0.14 0.00	42.03 -0.05 0.00	39.46 -0.67 0.00	43.57 -0.81 0.00	40.93 -1.03 0.00	42.23 -0.57 0.00	40.54 -0.61 0.00	44.03 -0.80 0.00	40.00 -0.57 0.00	34.70 0.00 0.00
NEG_PENN_ALLEGHNY 23528	27.13 -0.07 0.00	26.93 -0.10 0.00	30.30 0.21 0.00	27.46 0.29 0.00	28.99 0.35 0.00	29.20 0.40 0.00	36.97 0.59 0.00	273.30 4.84 0.00	86.79 0.73 0.00	46.51 0.37 0.00	43.72 0.25 0.00	47.08 0.40 0.00	44.79 0.32 0.00	46.80 0.52 0.00	43.49 0.47 0.00	42.60 0.52 0.00	40.44 0.32 0.00	44.78 0.40 0.00	42.27 0.31 0.00	43.16 0.37 0.00	41.41 0.26 0.00	45.02 0.18 0.00	40.75 0.18 0.00	34.95 0.25 0.00
NEG___GEN_MONROE 24207	27.54 0.35 0.00	27.19 0.16 0.00	30.45 0.36 0.00	27.56 0.39 0.00	29.08 0.44 0.00	29.42 0.62 0.00	37.15 0.76 0.00	266.64 -1.81 0.00	86.69 0.63 0.00	46.51 0.37 0.00	43.57 0.10 0.00	46.98 0.29 0.00	44.60 0.14 0.00	46.57 0.29 0.00	43.08 0.06 0.00	42.20 0.12 0.00	39.77 -0.35 0.00	43.98 -0.39 0.00	41.38 -0.58 0.00	42.68 -0.12 0.00	40.85 -0.30 0.00	44.28 -0.56 0.00	40.18 -0.38 0.00	34.71 0.00 0.00

NEPA___ENERGY 23901	26.56 -0.63 0.00	26.29 -0.74 0.00	29.97 -0.12 0.00	27.39 0.22 0.00	28.97 0.33 0.00	29.24 0.44 0.00	36.96 0.57 0.00	269.66 1.21 0.00	85.15 -0.91 0.00	45.84 -0.30 0.00	42.87 -0.60 0.00	46.46 -0.23 0.00	44.11 -0.35 0.00	46.33 0.05 0.00	42.91 -0.12 0.00	42.02 -0.07 0.00	39.44 -0.68 0.00	43.60 -0.78 0.00	40.97 -0.99 0.00	42.15 -0.65 0.00	40.55 -0.60 0.00	44.09 -0.74 0.00	39.90 -0.66 0.00	34.57 -0.13 0.00
NEVERSink___HYD 23608	27.71 0.52 0.00	27.54 0.51 0.00	30.50 0.41 0.00	27.49 0.32 0.00	28.97 0.33 0.00	29.20 0.42 0.03	37.14 0.75 0.00	268.99 0.54 0.00	86.36 0.31 0.00	46.13 -0.01 0.00	43.30 -0.17 0.00	46.60 -0.08 0.00	44.73 0.27 0.00	46.66 0.38 0.00	43.44 0.42 0.00	42.83 0.61 -0.14	40.55 0.43 0.00	44.94 0.56 0.00	42.54 0.58 0.00	43.39 0.60 0.00	41.53 0.38 0.00	45.07 0.24 0.00	40.97 0.40 0.00	34.89 0.19 0.00
NEWKRMKL_115KV_TB1 55635	27.73 0.53 0.00	27.66 0.63 0.00	30.75 0.66 0.00	27.75 0.59 0.00	29.27 0.63 0.00	29.28 0.62 0.13	37.18 0.79 0.00	270.91 2.45 0.00	86.64 0.59 0.00	46.27 0.13 0.00	43.63 0.16 0.00	46.84 0.15 0.00	44.76 0.30 0.00	46.53 0.25 0.00	43.32 0.30 0.00	42.36 0.46 0.19	40.48 0.36 0.00	44.96 0.58 0.00	42.56 0.59 0.00	43.46 0.66 0.00	41.69 0.54 0.00	45.23 0.40 0.00	40.97 0.40 0.00	34.91 0.20 0.00
NEWTON___FALLS_HYD 23847	26.99 -0.20 0.00	26.77 -0.26 0.00	29.73 -0.36 0.00	26.87 -0.30 0.00	28.23 -0.41 0.00	28.44 -0.36 0.00	36.08 -0.32 0.00	268.39 -0.07 0.00	86.62 0.57 0.00	46.52 0.38 0.00	43.88 0.41 0.00	47.16 0.47 0.00	44.70 0.24 0.00	46.55 0.27 0.00	43.03 0.01 0.00	41.54 -0.55 0.00	40.33 0.21 0.00	44.72 0.35 0.00	42.28 0.32 0.00	43.15 0.35 0.00	41.36 0.21 0.00	45.38 0.55 0.00	41.13 0.56 0.00	34.89 0.18 0.00
NGRID_A1_DSASP 323792	26.53 -0.67 0.00	26.18 -0.85 0.00	29.47 -0.62 0.00	26.76 -0.41 0.00	28.24 -0.40 0.00	28.54 -0.26 0.00	35.73 -0.66 0.00	250.90 -17.56 0.00	81.95 -4.10 0.00	43.95 -2.19 0.00	41.05 -2.42 0.00	44.32 -2.38 0.00	42.18 -2.28 0.00	44.06 -2.22 0.00	40.70 -2.32 0.00	39.91 -2.18 0.00	37.36 -2.76 0.00	41.16 -3.22 0.00	38.63 -3.33 0.00	40.01 -2.78 0.00	38.44 -2.71 0.00	41.77 -3.07 0.00	38.12 -2.44 0.00	33.27 -1.44 0.00
NGRID_A2_DSASP 323793	26.53 -0.67 0.00	26.18 -0.85 0.00	29.47 -0.62 0.00	26.76 -0.41 0.00	28.24 -0.40 0.00	28.54 -0.26 0.00	35.73 -0.66 0.00	250.90 -17.56 0.00	81.95 -4.10 0.00	43.95 -2.19 0.00	41.05 -2.42 0.00	44.32 -2.38 0.00	42.18 -2.28 0.00	44.06 -2.22 0.00	40.70 -2.32 0.00	39.91 -2.18 0.00	37.36 -2.76 0.00	41.16 -3.22 0.00	38.63 -3.33 0.00	40.01 -2.78 0.00	38.44 -2.71 0.00	41.77 -3.07 0.00	38.12 -2.44 0.00	33.27 -1.44 0.00
NGRID_A4_DSASP 323807	26.53 -0.67 0.00	26.18 -0.85 0.00	29.47 -0.62 0.00	26.76 -0.41 0.00	28.24 -0.40 0.00	28.54 -0.26 0.00	35.73 -0.66 0.00	250.90 -17.56 0.00	81.95 -4.10 0.00	43.95 -2.19 0.00	41.05 -2.42 0.00	44.32 -2.38 0.00	42.18 -2.28 0.00	44.06 -2.22 0.00	40.70 -2.32 0.00	39.91 -2.18 0.00	37.36 -2.76 0.00	41.16 -3.22 0.00	38.63 -3.33 0.00	40.01 -2.78 0.00	38.44 -2.71 0.00	41.77 -3.07 0.00	38.12 -2.44 0.00	33.27 -1.44 0.00
NIAGARA_115E_LBMP 323715	26.61 -0.58 0.00	26.26 -0.77 0.00	29.57 -0.52 0.00	26.84 -0.32 0.00	28.34 -0.31 0.00	28.63 -0.17 0.00	35.89 -0.51 0.00	252.46 -15.99 0.00	82.41 -3.64 0.00	44.19 -1.95 0.00	41.29 -2.18 0.00	44.57 -2.12 0.00	42.41 -2.05 0.00	44.29 -1.99 0.00	40.91 -2.11 0.00	40.10 -1.99 0.00	37.56 -2.56 0.00	41.37 -3.01 0.00	38.84 -3.13 0.00	40.25 -2.55 0.00	38.64 -2.51 0.00	41.97 -2.86 0.00	38.30 -2.27 0.00	33.41 -1.29 0.00
NIAGARA_115W_LBMP 323714	26.47 -0.72 0.00	26.13 -0.90 0.00	29.41 -0.68 0.00	26.70 -0.46 0.00	28.19 -0.46 0.00	28.48 -0.32 0.00	35.65 -0.74 0.00	250.43 -18.03 0.00	81.80 -4.25 0.00	43.86 -2.28 0.00	40.97 -2.50 0.00	44.23 -2.46 0.00	42.10 -2.37 0.00	43.96 -2.32 0.00	40.62 -2.41 0.00	39.82 -2.27 0.00	37.27 -2.85 0.00	41.06 -3.31 0.00	38.53 -3.43 0.00	39.92 -2.88 0.00	38.35 -2.80 0.00	41.67 -3.17 0.00	38.04 -2.53 0.00	33.19 -1.51 0.00
NIAGARA_230_LBMP 323716	26.65 -0.54 0.00	26.31 -0.72 0.00	29.62 -0.46 0.00	26.89 -0.28 0.00	28.38 -0.26 0.00	28.68 -0.12 0.00	35.94 -0.45 0.00	253.14 -15.32 0.00	82.59 -3.47 0.00	44.28 -1.86 0.00	41.38 -2.09 0.00	44.68 -2.01 0.00	42.50 -1.97 0.00	44.39 -1.89 0.00	41.04 -1.99 0.00	40.23 -1.85 0.00	37.69 -2.43 0.00	41.55 -2.83 0.00	39.02 -2.95 0.00	40.38 -2.42 0.00	38.78 -2.37 0.00	42.14 -2.69 0.00	38.43 -2.14 0.00	33.47 -1.24 0.00
NIAGARA___115KV_198_GIBSON 55903	26.47 -0.72 0.00	26.12 -0.90 0.00	29.40 -0.69 0.00	26.70 -0.47 0.00	28.18 -0.46 0.00	28.48 -0.32 0.00	35.66 -0.73 0.00	250.36 -18.10 0.00	81.80 -4.25 0.00	43.86 -2.28 0.00	40.98 -2.49 0.00	44.23 -2.46 0.00	42.11 -2.35 0.00	43.97 -2.31 0.00	40.62 -2.41 0.00	39.83 -2.26 0.00	37.27 -2.85 0.00	41.07 -3.31 0.00	38.54 -3.43 0.00	39.92 -2.88 0.00	38.35 -2.80 0.00	41.68 -3.15 0.00	38.04 -2.53 0.00	33.19 -1.51 0.00
NIAGARA___ 23760	26.65 -0.54 0.00	26.31 -0.72 0.00	29.62 -0.46 0.00	26.89 -0.28 0.00	28.38 -0.26 0.00	28.68 -0.12 0.00	35.94 -0.45 0.00	253.14 -15.32 0.00	82.59 -3.47 0.00	44.28 -1.86 0.00	41.38 -2.09 0.00	44.68 -2.01 0.00	42.50 -1.97 0.00	44.39 -1.89 0.00	41.04 -1.99 0.00	40.23 -1.85 0.00	37.69 -2.43 0.00	41.55 -2.83 0.00	39.02 -2.95 0.00	40.38 -2.42 0.00	38.78 -2.37 0.00	42.14 -2.69 0.00	38.43 -2.14 0.00	33.47 -1.24 0.00
NINE_MILE_1 23575	26.42 -0.78 0.00	26.23 -0.79 0.00	29.27 -0.82 0.00	26.46 -0.71 0.00	27.90 -0.74 0.00	28.10 -0.70 0.00	35.45 -0.95 0.00	264.84 -3.62 0.00	85.01 -1.04 0.00	45.67 -0.47 0.00	43.01 -0.46 0.00	46.24 -0.45 0.00	44.03 -0.44 0.00	45.86 -0.42 0.00	42.62 -0.40 0.00	41.72 -0.37 0.00	39.75 -0.37 0.00	43.98 -0.40 0.00	41.59 -0.37 0.00	42.45 -0.35 0.00	40.76 -0.39 0.00	44.29 -0.54 0.00	40.10 -0.47 0.00	34.31 -0.39 0.00
NINE_MILE_2 23744	26.42 -0.78 0.00	26.24 -0.79 0.00	29.28 -0.81 0.00	26.46 -0.71 0.00	27.90 -0.74 0.00	28.10 -0.70 0.00	35.45 -0.94 0.00	264.93 -3.53 0.00	85.02 -1.03 0.00	45.68 -0.46 0.00	43.02 -0.45 0.00	46.25 -0.44 0.00	44.03 -0.43 0.00	45.87 -0.41 0.00	42.63 -0.39 0.00	41.73 -0.36 0.00	39.75 -0.37 0.00	43.99 -0.39 0.00	41.60 -0.36 0.00	42.45 -0.34 0.00	40.77 -0.38 0.00	44.29 -0.54 0.00	40.11 -0.46 0.00	34.32 -0.38 0.00
NM_CAPITAL___DRP 24208	27.83 0.63 0.00	27.77 0.74 0.00	30.87 0.78 0.00	27.85 0.69 0.00	29.38 0.73 0.00	29.81 0.73 -0.28	37.29 0.90 0.00	271.37 2.91 0.00	86.75 0.70 0.00	46.32 0.18 0.00	43.69 0.22 0.00	46.89 0.20 0.00	44.82 0.36 0.00	46.60 0.32 0.00	43.38 0.36 0.00	42.38 0.50 0.20	40.50 0.38 0.00	45.00 0.62 0.00	42.60 0.64 0.00	43.51 0.71 0.00	41.74 0.59 0.00	45.28 0.45 0.00	41.04 0.47 0.00	34.96 0.26 0.00

NM_CENTRAL___DRP 24181	26.94 -0.25 0.00	26.73 -0.29 0.00	29.88 -0.21 0.00	27.01 -0.16 0.00	28.49 -0.15 0.00	28.71 -0.10 0.00	36.26 -0.13 0.00	270.48 2.03 0.00	86.85 0.80 0.00	46.55 0.41 0.00	43.83 0.36 0.00	47.12 0.43 0.00	44.83 0.36 0.00	46.70 0.42 0.00	43.38 0.36 0.00	42.47 0.38 0.00	40.44 0.32 0.00	44.76 0.38 0.00	42.32 0.36 0.00	43.20 0.40 0.00	41.44 0.29 0.00	45.04 0.21 0.00	40.78 0.22 0.00	34.87 0.17 0.00
NM_FRONTIER___DRP 24179	26.47 -0.72 0.00	26.12 -0.90 0.00	29.40 -0.69 0.00	26.70 -0.47 0.00	28.18 -0.46 0.00	28.48 -0.32 0.00	35.66 -0.73 0.00	250.36 -18.10 0.00	81.80 -4.25 0.00	43.86 -2.28 0.00	40.98 -2.49 0.00	44.23 -2.46 0.00	42.11 -2.35 0.00	43.97 -2.31 0.00	40.62 -2.41 0.00	39.83 -2.26 0.00	37.27 -2.85 0.00	41.07 -3.31 0.00	38.54 -3.43 0.00	39.92 -2.88 0.00	38.35 -2.80 0.00	41.68 -3.15 0.00	38.04 -2.53 0.00	33.19 -1.51 0.00
NM_ST_REGIS___HYD 24053	26.94 -0.26 0.00	26.66 -0.37 0.00	29.54 -0.55 0.00	26.66 -0.50 0.00	28.06 -0.58 0.00	28.21 -0.59 0.00	35.73 -0.67 0.00	264.24 -4.21 0.00	85.18 -0.87 0.00	45.98 -0.16 0.00	43.56 0.09 0.00	46.72 0.03 0.00	44.18 -0.28 0.00	45.91 -0.36 0.00	42.45 -0.57 0.00	40.97 -1.12 0.00	39.55 -0.57 0.00	43.89 -0.48 0.00	41.47 -0.50 0.00	42.26 -0.54 0.00	40.66 -0.49 0.00	44.76 -0.07 0.00	40.69 0.12 0.00	34.84 0.13 0.00
NORTHPORT___1 23551	28.71 1.52 0.00	28.64 1.62 0.00	31.74 1.65 0.00	28.65 1.49 0.00	35.90 1.56 -5.70	31.83 1.63 -1.40	38.53 2.13 -0.01	226.50 -0.59 41.36	85.28 -0.41 0.37	46.42 0.28 0.00	43.21 -0.27 0.00	46.32 -0.37 0.00	44.50 0.04 0.00	46.73 0.45 0.00	43.88 0.86 0.00	43.59 1.28 -0.22	40.77 0.65 0.00	45.02 0.64 0.00	42.66 0.69 0.00	43.75 0.95 0.00	41.61 0.46 0.00	45.56 0.50 -0.23	41.53 0.96 0.00	35.16 0.46 0.00
NORTHPORT___2 23552	28.71 1.52 0.00	28.64 1.62 0.00	31.74 1.65 0.00	28.65 1.49 0.00	35.90 1.56 -5.70	31.83 1.63 -1.40	38.53 2.13 -0.01	226.50 -0.59 41.36	85.28 -0.41 0.37	46.42 0.28 0.00	43.21 -0.27 0.00	46.32 -0.37 0.00	44.50 0.04 0.00	46.73 0.45 0.00	43.88 0.86 0.00	43.59 1.28 -0.22	40.77 0.65 0.00	45.02 0.64 0.00	42.66 0.69 0.00	43.75 0.95 0.00	41.61 0.46 0.00	45.56 0.50 -0.23	41.53 0.96 0.00	35.16 0.46 0.00
NORTHPORT___3 23553	28.81 1.61 0.00	28.71 1.67 0.00	31.80 1.70 0.00	28.69 1.52 0.00	35.95 1.61 -5.70	31.89 1.69 -1.40	38.68 2.27 -0.01	229.98 2.69 41.16	86.21 0.49 0.33	46.80 0.66 0.00	43.61 0.14 0.00	46.77 0.08 0.00	44.92 0.46 0.00	47.16 0.88 0.00	44.23 1.20 0.00	43.90 1.59 -0.22	41.12 0.99 0.00	45.42 1.04 0.00	43.00 1.04 0.00	44.04 1.24 0.00	41.92 0.77 0.00	45.86 0.80 -0.23	41.81 1.24 0.00	35.43 0.73 0.00
NORTHPORT___4 23650	28.81 1.61 0.00	28.71 1.67 0.00	31.80 1.70 0.00	28.69 1.52 0.00	35.95 1.61 -5.70	31.89 1.69 -1.40	38.68 2.27 -0.01	229.98 2.69 41.16	86.21 0.49 0.33	46.80 0.66 0.00	43.61 0.14 0.00	46.77 0.08 0.00	44.92 0.46 0.00	47.16 0.88 0.00	44.23 1.20 0.00	43.90 1.59 -0.22	41.12 0.99 0.00	45.42 1.04 0.00	43.00 1.04 0.00	44.04 1.24 0.00	41.92 0.77 0.00	45.86 0.80 -0.23	41.81 1.24 0.00	35.43 0.73 0.00
NORTHPORT___IC 23718	28.71 1.52 0.00	28.64 1.62 0.00	31.74 1.65 0.00	28.65 1.49 0.00	35.89 1.56 -5.70	31.83 1.63 -1.40	38.53 2.13 -0.01	226.51 -0.59 41.36	85.28 -0.41 0.37	46.42 0.28 0.00	43.21 -0.27 0.00	46.32 -0.37 0.00	44.50 0.04 0.00	46.73 0.45 0.00	43.89 0.87 0.00	43.59 1.28 -0.22	40.78 0.65 0.00	45.02 0.64 0.00	42.66 0.70 0.00	43.75 0.95 0.00	41.61 0.46 0.00	45.56 0.50 -0.23	41.52 0.96 0.00	35.16 0.46 0.00
NORTH___COUNTRY_ESR 323785	-23.28 -0.88 49.60	-23.27 -0.97 49.33	-23.20 -1.22 52.07	-23.23 -1.12 49.28	-22.97 -1.20 50.41	-23.06 -1.25 50.62	1.54 -1.54 33.31	240.85 -10.94 16.67	38.68 -3.03 44.35	39.93 -0.95 5.26	43.00 -0.47 0.00	46.21 -0.47 0.00	43.89 -0.58 0.00	45.57 -0.71 0.00	42.14 -0.88 0.00	41.08 -1.01 0.00	39.69 -0.43 0.00	44.05 -0.33 0.00	41.62 -0.35 0.00	42.26 -0.54 0.00	40.61 -0.54 0.00	44.33 -0.50 0.00	40.22 -0.34 0.00	34.56 -0.14 0.00
NPX_GEN_1385_PROXY 323591	28.48 1.28 0.00	28.53 1.50 0.00	31.74 1.65 0.00	28.65 1.48 0.00	35.89 1.55 -5.70	31.82 1.62 -1.40	38.43 2.03 -0.01	224.92 -2.18 41.36	84.12 -1.56 0.37	45.74 -0.40 0.00	42.12 -1.36 0.00	45.09 -1.60 0.00	43.50 -0.97 0.00	45.52 -0.76 0.00	43.05 0.03 0.00	43.13 0.82 -0.22	40.03 -0.09 0.00	44.20 -0.18 0.00	41.84 -0.12 0.00	42.99 0.73 0.54	41.14 -0.01 0.00	45.25 0.19 -0.23	41.47 0.90 0.00	34.71 0.01 0.00
NPX_GEN_CSC 323557	27.84 0.65 0.00	27.72 0.69 0.00	30.70 0.61 0.00	27.94 0.78 0.00	35.19 0.85 -5.70	30.81 0.61 -1.40	37.42 1.02 -0.01	214.96 -11.80 41.69	81.66 -3.51 0.87	45.21 -0.93 0.00	37.39 -1.51 4.57	40.69 -1.68 4.33	37.02 -1.28 6.17	35.37 -0.87 10.04	38.76 -0.26 3.99	42.50 0.19 -0.22	39.85 -0.27 0.00	44.00 -0.38 0.00	41.84 -0.13 0.00	42.33 0.07 0.54	40.74 -0.41 0.00	44.51 -0.55 -0.23	40.53 -0.04 0.00	34.14 -0.57 0.00
NSINS_S___GLNS_FALLS 23858	29.07 1.87 0.00	28.96 1.93 0.00	32.14 2.06 0.00	29.05 1.88 0.00	30.68 2.04 0.00	31.16 2.11 -0.25	39.23 2.84 0.00	285.54 17.08 0.00	91.23 5.18 0.00	48.52 2.38 0.00	45.84 2.38 0.00	49.11 2.42 0.00	46.91 2.44 0.00	48.66 2.38 0.00	45.29 2.26 0.00	44.36 2.49 0.21	42.56 2.44 0.00	47.45 3.08 0.00	45.09 3.13 0.00	46.02 3.23 0.00	44.07 2.92 0.00	47.57 2.74 0.00	42.96 2.40 0.00	36.54 1.84 0.00
NUCOR_STEEL___DRP 24197	27.13 -0.06 0.00	26.88 -0.15 0.00	30.08 -0.01 0.00	27.19 0.03 0.00	28.83 0.19 0.00	29.11 0.31 0.00	36.76 0.37 0.00	273.28 4.83 0.00	87.91 1.86 0.00	46.97 0.83 0.00	43.99 0.52 0.00	47.53 0.84 0.00	45.18 0.72 0.00	47.08 0.80 0.00	43.79 0.76 0.00	42.84 0.75 0.00	40.75 0.63 0.00	45.15 0.77 0.00	42.63 0.67 0.00	43.59 0.79 0.00	41.83 0.68 0.00	45.35 0.52 0.00	41.05 0.48 0.00	35.00 0.30 0.00
NUMBER_THREE_WT_PWR 323818	26.85 -0.34 0.00	26.71 -0.32 0.00	29.68 -0.41 0.00	26.85 -0.32 0.00	28.16 -0.48 0.00	28.42 -0.38 0.00	36.09 -0.31 0.00	269.76 1.30 0.00	87.08 1.02 0.00	46.62 0.48 0.00	43.91 0.44 0.00	47.35 0.66 0.00	45.05 0.59 0.00	47.13 0.85 0.00	43.65 0.63 0.00	42.21 0.12 0.00	41.10 0.98 0.00	45.53 1.15 0.00	43.00 1.04 0.00	43.90 1.10 0.00	41.88 0.74 0.00	45.73 0.90 0.00	41.32 0.75 0.00	34.72 0.02 0.00
NYISO_LBMP_REFERENCE 24008	27.19 0.00 0.00	27.03 0.00 0.00	30.09 0.00 0.00	27.17 0.00 0.00	28.64 0.00 0.00	28.80 0.00 0.00	36.39 0.00 0.00	268.46 0.00 0.00	86.05 0.00 0.00	46.14 0.00 0.00	43.47 0.00 0.00	46.69 0.00 0.00	44.46 0.00 0.00	46.28 0.00 0.00	43.02 0.00 0.00	42.09 0.00 0.00	40.12 0.00 0.00	44.38 0.00 0.00	41.96 0.00 0.00	42.80 0.00 0.00	41.15 0.00 0.00	44.83 0.00 0.00	40.57 0.00 0.00	34.70 0.00 0.00

NYPA_BRENTWD____GT 24164	28.99 1.79 0.00	28.88 1.86 0.00	32.01 1.92 0.00	28.90 1.73 0.00	36.17 1.82 -5.70	32.11 1.91 -1.40	38.95 2.55 -0.01	228.90 2.54 42.09	86.29 0.76 0.52	47.12 0.98 0.00	43.92 0.44 0.00	47.01 0.32 0.00	45.07 0.61 0.00	47.47 1.19 0.00	44.58 1.56 0.00	44.28 1.97 -0.22	41.46 1.34 0.00	45.73 1.36 0.00	43.27 1.31 0.00	44.39 1.59 0.00	42.33 1.18 0.00	46.29 1.22 -0.23	42.12 1.56 0.00	35.66 0.96 0.00
NYPA_GOWANUS____GT5 24156	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.64 8.18 0.00	89.03 2.98 0.00	47.55 1.41 0.00	44.63 1.16 0.00	48.00 1.31 0.00	46.03 1.57 0.00	48.07 1.79 0.00	44.83 1.81 0.00	44.24 1.93 -0.22	41.77 1.65 0.00	46.27 1.89 0.00	43.75 1.79 0.00	44.63 1.83 0.00	42.69 1.54 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NYPA_GOWANUS____GT6 24157	28.85 1.65 0.00	28.65 1.62 0.00	31.69 1.60 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.64 8.18 0.00	89.03 2.98 0.00	47.55 1.41 0.00	44.63 1.16 0.00	48.00 1.31 0.00	46.03 1.57 0.00	48.07 1.79 0.00	44.83 1.81 0.00	44.24 1.93 -0.22	41.77 1.65 0.00	46.27 1.89 0.00	43.75 1.79 0.00	44.63 1.83 0.00	42.69 1.54 0.00	46.37 1.53 0.00	42.19 1.62 0.00	36.01 1.31 0.00
NYPA_HARLEM__RVR__GT1 24160	28.72 1.52 0.00	28.56 1.53 0.00	31.59 1.50 0.00	28.51 1.34 0.00	30.00 1.36 0.00	30.35 1.52 -0.03	38.59 2.19 0.00	275.67 7.21 0.00	88.80 2.75 0.00	47.33 1.20 0.02	44.42 0.95 0.00	47.77 1.09 0.01	45.73 1.28 0.02	47.74 1.47 0.02	44.54 1.52 0.01	43.94 1.64 -0.21	41.49 1.38 0.01	45.93 1.57 0.01	43.51 1.55 0.01	44.40 1.60 0.00	42.46 1.31 0.01	46.16 1.33 0.00	42.01 1.45 0.00	35.85 1.15 0.00
NYPA_HARLEM__RVR__GT2 24161	28.72 1.52 0.00	28.56 1.53 0.00	31.59 1.50 0.00	28.51 1.34 0.00	30.00 1.36 0.00	30.35 1.52 -0.03	38.59 2.19 0.00	275.67 7.21 0.00	88.80 2.75 0.00	47.33 1.20 0.02	44.42 0.95 0.00	47.77 1.09 0.01	45.73 1.28 0.02	47.74 1.47 0.02	44.54 1.52 0.01	43.94 1.64 -0.21	41.49 1.38 0.01	45.93 1.57 0.01	43.51 1.55 0.01	44.40 1.60 0.00	42.46 1.31 0.01	46.16 1.33 0.00	42.01 1.45 0.00	35.85 1.15 0.00
NYPA_KENT____GT 24152	28.81 1.62 0.00	28.62 1.59 0.00	31.66 1.57 0.00	28.54 1.37 0.00	30.05 1.41 0.00	30.38 1.56 -0.03	38.60 2.21 0.00	276.54 8.08 0.00	88.99 2.94 0.00	47.52 1.38 0.00	44.57 1.10 0.00	47.94 1.25 0.00	45.95 1.49 0.00	47.98 1.70 0.00	44.76 1.74 0.00	44.17 1.86 -0.22	41.69 1.57 0.00	46.18 1.80 0.00	43.67 1.71 0.00	44.54 1.74 0.00	42.60 1.45 0.00	46.28 1.45 0.00	42.11 1.54 0.00	35.94 1.23 0.00
NYPA_POUCH1____GT 24155	28.79 1.60 0.00	28.61 1.58 0.00	31.64 1.56 0.00	28.52 1.35 0.00	30.03 1.39 0.00	30.36 1.53 -0.03	38.49 2.10 0.00	43.61 6.78 231.63	43.81 2.59 44.83	39.50 1.18 7.82	39.41 0.93 4.99	39.43 1.08 8.33	39.00 1.35 6.81	39.19 1.57 8.66	38.83 1.60 5.79	39.56 1.79 4.31	38.26 1.50 3.36	37.66 1.70 8.43	37.89 1.63 5.71	39.26 1.68 5.23	39.10 1.40 3.44	39.95 1.36 6.24	39.28 1.49 2.77	35.89 1.26 0.07
NYPA_VERNON____GT2 24162	28.78 1.58 0.00	28.59 1.56 0.00	31.62 1.54 0.00	28.51 1.34 0.00	30.02 1.38 0.00	30.35 1.52 -0.03	38.56 2.18 0.00	276.53 8.07 0.00	88.98 2.93 0.00	47.52 1.39 0.00	44.56 1.08 0.00	47.91 1.23 0.00	45.91 1.45 0.00	47.93 1.66 0.00	44.73 1.71 0.00	44.13 1.82 -0.22	41.63 1.51 0.00	46.13 1.75 0.00	43.63 1.66 0.00	44.47 1.68 0.00	42.53 1.38 0.00	46.19 1.36 0.00	42.04 1.47 0.00	35.86 1.16 0.00
NYPA_VERNON____GT3 24163	28.78 1.58 0.00	28.59 1.56 0.00	31.62 1.54 0.00	28.51 1.34 0.00	30.02 1.38 0.00	30.35 1.52 -0.03	38.56 2.18 0.00	276.53 8.07 0.00	88.98 2.93 0.00	47.52 1.39 0.00	44.56 1.08 0.00	47.91 1.23 0.00	45.91 1.45 0.00	47.93 1.66 0.00	44.73 1.71 0.00	44.13 1.82 -0.22	41.63 1.51 0.00	46.13 1.75 0.00	43.63 1.66 0.00	44.47 1.68 0.00	42.53 1.38 0.00	46.19 1.36 0.00	42.04 1.47 0.00	35.86 1.16 0.00
NYPA__ASTORIA_CC1 323568	28.74 1.55 0.00	28.56 1.53 0.00	31.59 1.50 0.00	28.49 1.32 0.00	29.99 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.82 0.00	88.90 2.85 0.00	47.49 1.35 0.00	44.52 1.05 0.00	47.89 1.20 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.62 1.49 0.00	46.10 1.72 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.17 1.33 0.00	42.00 1.43 0.00	35.83 1.13 0.00
NYPA__ASTORIA_CC2 323569	28.74 1.55 0.00	28.56 1.53 0.00	31.59 1.50 0.00	28.49 1.32 0.00	29.99 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.82 0.00	88.90 2.85 0.00	47.49 1.35 0.00	44.52 1.05 0.00	47.89 1.20 0.00	45.87 1.41 0.00	47.91 1.63 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.62 1.49 0.00	46.10 1.72 0.00	43.60 1.64 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.17 1.33 0.00	42.00 1.43 0.00	35.83 1.13 0.00
NYPA__HOLTSVILL 23794	28.71 1.51 0.00	28.60 1.57 0.00	31.69 1.60 0.00	28.63 1.46 0.00	35.89 1.55 -5.70	31.78 1.58 -1.40	38.55 2.15 -0.01	224.66 -2.14 41.66	85.06 -0.56 0.43	46.67 0.53 0.00	43.44 -0.03 0.00	46.57 -0.12 0.00	44.70 0.23 0.00	46.96 0.68 0.00	44.13 1.11 0.00	43.81 1.50 -0.22	41.04 0.91 0.00	45.32 0.94 0.00	42.98 1.01 0.00	44.04 1.24 0.00	41.89 0.74 0.00	45.80 0.74 -0.23	41.72 1.15 0.00	35.29 0.59 0.00
NYPA__HELLGATE_GT1 24158	28.72 1.52 0.00	28.56 1.53 0.00	31.59 1.50 0.00	28.51 1.34 0.00	30.00 1.36 0.00	30.35 1.52 -0.03	38.59 2.19 0.00	275.67 7.21 0.00	88.80 2.75 0.00	47.34 1.20 0.00	44.42 0.95 0.00	47.78 1.09 0.00	45.74 1.28 0.00	47.75 1.47 0.00	44.54 1.52 0.01	43.94 1.64 -0.22	41.50 1.38 0.01	45.94 1.57 0.01	43.51 1.55 0.00	44.40 1.60 0.00	42.46 1.31 0.00	46.16 1.33 0.00	42.01 1.45 0.00	35.85 1.15 0.00
NYPA__HELLGATE_GT2 24159	28.72 1.52 0.00	28.56 1.53 0.00	31.59 1.50 0.00	28.51 1.34 0.00	30.00 1.36 0.00	30.35 1.52 -0.03	38.59 2.19 0.00	275.67 7.21 0.00	88.80 2.75 0.00	47.34 1.20 0.00	44.42 0.95 0.00	47.78 1.09 0.00	45.74 1.28 0.00	47.75 1.47 0.00	44.54 1.52 0.01	43.94 1.64 -0.22	41.50 1.38 0.01	45.94 1.57 0.01	43.51 1.55 0.00	44.40 1.60 0.00	42.46 1.31 0.00	46.16 1.33 0.00	42.01 1.45 0.00	35.85 1.15 0.00
NYS_BARGE__HYD 23848	27.02 -0.17 0.00	26.66 -0.37 0.00	30.01 -0.07 0.00	27.24 0.07 0.00	28.75 0.11 0.00	29.06 0.26 0.00	36.47 0.08 0.00	257.40 -11.06 0.00	83.99 -2.06 0.00	45.07 -1.07 0.00	42.12 -1.35 0.00	45.47 -1.23 0.00	43.26 -1.20 0.00	45.17 -1.11 0.00	41.72 -1.30 0.00	40.91 -1.18 0.00	38.33 -1.79 0.00	42.27 -2.11 0.00	39.69 -2.27 0.00	41.11 -1.69 0.00	39.43 -1.72 0.00	42.79 -2.04 0.00	39.00 -1.57 0.00	33.97 -0.73 0.00

OAK ORCHARD___HYD 24046	27.21 0.02 0.00	26.90 -0.12 0.00	30.14 0.05 0.00	27.28 0.11 0.00	28.80 0.15 0.00	29.09 0.29 0.00	36.69 0.30 0.00	264.56 -3.90 0.00	85.98 -0.07 0.00	46.14 0.00 0.00	43.21 -0.26 0.00	46.60 -0.09 0.00	44.28 -0.18 0.00	46.22 -0.06 0.00	42.80 -0.22 0.00	41.94 -0.15 0.00	39.53 -0.60 0.00	43.68 -0.69 0.00	41.11 -0.86 0.00	42.35 -0.45 0.00	40.56 -0.59 0.00	43.98 -0.85 0.00	39.93 -0.64 0.00	34.46 -0.24 0.00
OAKDALE___35_KV_LOAD 356122	27.06 -0.14 0.00	26.87 -0.16 0.00	30.22 0.13 0.00	27.39 0.22 0.00	28.90 0.26 0.00	29.11 0.30 0.00	36.83 0.44 0.00	272.05 3.60 0.00	86.47 0.41 0.00	46.34 0.20 0.00	43.54 0.07 0.00	46.91 0.22 0.00	44.62 0.16 0.00	46.61 0.33 0.00	43.33 0.32 0.00	42.45 0.37 0.00	40.28 0.16 0.00	44.60 0.22 0.00	42.11 0.14 0.00	42.99 0.20 0.00	41.26 0.12 0.00	44.86 0.03 0.00	40.62 0.05 0.00	34.85 0.14 0.00
OCC_CHEM___DRP 24175	26.52 -0.67 0.00	26.17 -0.85 0.00	29.46 -0.63 0.00	26.76 -0.41 0.00	28.24 -0.41 0.00	28.54 -0.26 0.00	35.73 -0.66 0.00	250.90 -17.56 0.00	81.97 -4.08 0.00	43.95 -2.19 0.00	41.06 -2.41 0.00	44.32 -2.37 0.00	42.20 -2.27 0.00	44.06 -2.22 0.00	40.70 -2.32 0.00	39.91 -2.18 0.00	37.35 -2.77 0.00	41.16 -3.22 0.00	38.63 -3.33 0.00	40.01 -2.79 0.00	38.44 -2.71 0.00	41.78 -3.06 0.00	38.13 -2.44 0.00	33.26 -1.44 0.00
OH_GEN_PROXY 24063	26.63 -0.56 0.00	26.31 -0.72 0.00	29.63 -0.46 0.00	26.90 -0.27 0.00	28.39 -0.25 0.00	28.69 -0.11 0.00	35.99 -0.40 0.00	254.08 -14.37 0.00	82.77 -3.28 0.00	44.40 -1.75 0.00	41.47 -2.00 0.00	44.80 -1.89 0.00	42.60 -1.87 0.00	44.50 -1.78 0.00	41.15 -1.87 0.00	40.34 -1.74 0.00	37.80 -2.33 0.00	41.69 -2.69 0.00	39.15 -2.81 0.00	39.95 -2.30 0.54	38.88 -2.27 0.00	42.27 -2.57 0.00	38.52 -2.04 0.00	33.50 -1.21 0.00
OLIN_CORP_DRP 24177	26.64 -0.56 0.00	26.29 -0.74 0.00	29.59 -0.50 0.00	26.87 -0.29 0.00	28.36 -0.28 0.00	28.66 -0.15 0.00	35.92 -0.47 0.00	252.82 -15.64 0.00	82.51 -3.55 0.00	44.26 -1.88 0.00	41.35 -2.13 0.00	44.63 -2.06 0.00	42.47 -1.99 0.00	44.35 -1.93 0.00	40.95 -2.07 0.00	40.16 -1.92 0.00	37.61 -2.51 0.00	41.44 -2.94 0.00	38.91 -3.05 0.00	40.31 -2.49 0.00	38.72 -2.44 0.00	42.06 -2.77 0.00	38.35 -2.22 0.00	33.45 -1.25 0.00
OLIN_CORP_DSASP 323712	26.53 -0.67 0.00	26.18 -0.85 0.00	29.47 -0.62 0.00	26.76 -0.41 0.00	28.24 -0.40 0.00	28.54 -0.26 0.00	35.73 -0.66 0.00	250.90 -17.56 0.00	81.95 -4.10 0.00	43.95 -2.19 0.00	41.05 -2.42 0.00	44.32 -2.38 0.00	42.18 -2.28 0.00	44.06 -2.22 0.00	40.70 -2.32 0.00	39.91 -2.18 0.00	37.36 -2.76 0.00	41.16 -3.22 0.00	38.63 -3.33 0.00	40.01 -2.78 0.00	38.44 -2.71 0.00	41.77 -3.07 0.00	38.12 -2.44 0.00	33.27 -1.44 0.00
ONEIDA_HERK_LFGE 323681	27.38 0.19 0.00	27.22 0.19 0.00	30.30 0.21 0.00	27.41 0.24 0.00	28.82 0.17 0.00	29.06 0.25 0.00	36.86 0.47 0.00	273.82 5.37 0.00	87.97 1.92 0.00	47.10 0.96 0.00	44.31 0.84 0.00	47.63 0.94 0.00	45.37 0.91 0.00	47.38 1.10 0.00	43.96 0.94 0.00	42.86 0.77 0.00	41.22 1.10 0.00	45.69 1.31 0.00	43.21 1.25 0.00	44.10 1.31 0.00	42.22 1.07 0.00	45.94 1.11 0.00	41.50 0.93 0.00	35.18 0.48 0.00
ONEIDA___115KV_TB4 55905	27.64 0.44 0.00	27.44 0.41 0.00	30.64 0.55 0.00	27.71 0.54 0.00	29.19 0.55 0.00	29.43 0.63 0.00	37.32 0.93 0.00	277.26 8.81 0.00	88.79 2.74 0.00	47.51 1.37 0.00	44.68 1.21 0.00	47.93 1.25 0.00	45.65 1.18 0.00	47.67 1.39 0.00	44.25 1.23 0.00	43.36 1.27 0.00	41.42 1.29 0.00	45.94 1.56 0.00	43.47 1.51 0.00	44.37 1.57 0.00	42.52 1.37 0.00	46.17 1.34 0.00	41.70 1.14 0.00	35.52 0.82 0.00
ONONDAGA_REF_OCCRA 23987	27.07 -0.12 0.00	26.85 -0.18 0.00	30.02 -0.07 0.00	27.14 -0.03 0.00	28.64 -0.01 0.00	28.85 0.05 0.00	36.48 0.08 0.00	271.99 3.53 0.00	87.23 1.18 0.00	46.74 0.60 0.00	44.00 0.53 0.00	47.32 0.63 0.00	45.02 0.56 0.00	46.91 0.63 0.00	43.57 0.55 0.00	42.65 0.56 0.00	40.63 0.50 0.00	44.98 0.60 0.00	42.54 0.58 0.00	43.42 0.63 0.00	41.65 0.50 0.00	45.26 0.42 0.00	40.95 0.38 0.00	35.02 0.31 0.00
ONONDAGA___COGEN 23986	27.02 -0.17 0.00	26.78 -0.25 0.00	29.91 -0.18 0.00	27.03 -0.13 0.00	28.56 -0.09 0.00	28.76 -0.04 0.00	36.35 -0.04 0.00	271.75 3.29 0.00	87.41 1.35 0.00	46.77 0.63 0.00	43.97 0.50 0.00	47.32 0.63 0.00	45.03 0.57 0.00	46.90 0.62 0.00	43.55 0.53 0.00	42.61 0.52 0.00	40.61 0.49 0.00	44.96 0.59 0.00	42.52 0.56 0.00	43.40 0.60 0.00	41.63 0.48 0.00	45.26 0.42 0.00	40.95 0.38 0.00	34.99 0.29 0.00
ONTARIO___LFGE 23819	27.11 -0.09 0.00	26.81 -0.22 0.00	30.19 0.10 0.00	27.38 0.22 0.00	28.90 0.26 0.00	29.21 0.41 0.00	36.94 0.55 0.00	271.92 3.47 0.00	87.10 1.05 0.00	46.68 0.54 0.00	43.77 0.30 0.00	47.15 0.46 0.00	44.75 0.28 0.00	46.77 0.49 0.00	43.45 0.42 0.00	42.55 0.47 0.00	40.30 0.18 0.00	44.62 0.25 0.00	42.07 0.10 0.00	43.13 0.33 0.00	41.31 0.16 0.00	44.78 -0.06 0.00	40.45 -0.12 0.00	34.83 0.13 0.00
ORANGEVILLE_WT_PWR 323706	26.79 -0.40 0.00	26.46 -0.57 0.00	29.88 -0.21 0.00	27.15 -0.02 0.00	28.59 -0.06 0.00	28.91 0.11 0.00	36.45 0.06 0.00	260.94 -7.51 0.00	84.17 -1.88 0.00	45.15 -0.99 0.00	42.22 -1.25 0.00	45.60 -1.09 0.00	43.28 -1.18 0.00	45.29 -0.98 0.00	42.08 -0.94 0.00	41.29 -0.79 0.00	38.84 -1.28 0.00	42.94 -1.44 0.00	40.27 -1.69 0.00	41.55 -1.24 0.00	39.84 -1.31 0.00	43.20 -1.63 0.00	39.20 -1.37 0.00	34.02 -0.68 0.00
ORANGEVILLE___ESR 323794	26.79 -0.40 0.00	26.46 -0.57 0.00	29.88 -0.21 0.00	27.15 -0.02 0.00	28.59 -0.06 0.00	28.91 0.11 0.00	36.45 0.06 0.00	260.94 -7.51 0.00	84.17 -1.88 0.00	45.15 -0.99 0.00	42.22 -1.25 0.00	45.60 -1.09 0.00	43.28 -1.18 0.00	45.29 -0.98 0.00	42.08 -0.94 0.00	41.29 -0.79 0.00	38.84 -1.28 0.00	42.94 -1.44 0.00	40.27 -1.69 0.00	41.55 -1.24 0.00	39.84 -1.31 0.00	43.20 -1.63 0.00	39.20 -1.37 0.00	34.02 -0.68 0.00
OSWEGATCHIE___HYD 24044	26.99 -0.20 0.00	26.77 -0.26 0.00	29.73 -0.36 0.00	26.87 -0.30 0.00	28.23 -0.41 0.00	28.45 -0.36 0.00	36.08 -0.32 0.00	268.39 -0.07 0.00	86.62 0.57 0.00	46.53 0.39 0.00	43.88 0.41 0.00	47.16 0.47 0.00	44.70 0.24 0.00	46.55 0.27 0.00	43.03 0.01 0.00	41.54 -0.55 0.00	40.34 0.21 0.00	44.72 0.34 0.00	42.28 0.32 0.00	43.15 0.35 0.00	41.36 0.21 0.00	45.38 0.55 0.00	41.13 0.56 0.00	34.89 0.18 0.00
OSWEGO___5 23606	26.61 -0.59 0.00	26.41 -0.61 0.00	29.49 -0.60 0.00	26.66 -0.51 0.00	28.11 -0.53 0.00	28.31 -0.49 0.00	35.74 -0.66 0.00	266.13 -2.33 0.00	85.31 -0.74 0.00	45.86 -0.28 0.00	43.18 -0.30 0.00	46.42 -0.26 0.00	44.20 -0.26 0.00	46.05 -0.23 0.00	42.79 -0.23 0.00	41.89 -0.20 0.00	39.89 -0.23 0.00	44.15 -0.23 0.00	41.74 -0.22 0.00	42.60 -0.19 0.00	40.91 -0.24 0.00	44.46 -0.37 0.00	40.25 -0.31 0.00	34.44 -0.26 0.00

OSWEGO___6 23613	26.61 -0.59 0.00	26.41 -0.61 0.00	29.49 -0.60 0.00	26.66 -0.51 0.00	28.11 -0.53 0.00	28.31 -0.49 0.00	35.74 -0.66 0.00	266.13 -2.33 0.00	85.31 -0.74 0.00	45.86 -0.28 0.00	43.18 -0.30 0.00	46.42 -0.26 0.00	44.20 -0.26 0.00	46.05 -0.23 0.00	42.79 -0.23 0.00	41.89 -0.20 0.00	39.89 -0.23 0.00	44.15 -0.23 0.00	41.74 -0.22 0.00	42.60 -0.19 0.00	40.91 -0.24 0.00	44.46 -0.37 0.00	40.25 -0.31 0.00	34.44 -0.26 0.00
OUTOKUMPU-AB___DRP 24206	27.16 -0.04 0.00	26.79 -0.24 0.00	30.17 0.07 0.00	27.39 0.22 0.00	28.92 0.28 0.00	29.25 0.44 0.00	36.70 0.30 0.00	259.52 -8.93 0.00	84.54 -1.51 0.00	45.39 -0.75 0.00	42.43 -1.05 0.00	45.81 -0.88 0.00	43.60 -0.87 0.00	45.55 -0.73 0.00	42.10 -0.92 0.00	41.29 -0.80 0.00	38.67 -1.46 0.00	42.63 -1.75 0.00	40.03 -1.94 0.00	41.42 -1.38 0.00	39.75 -1.40 0.00	43.14 -1.69 0.00	39.30 -1.27 0.00	34.20 -0.50 0.00
OXBOW___BTM 323836	26.91 -0.28 0.00	26.55 -0.48 0.00	29.88 -0.21 0.00	27.13 -0.03 0.00	28.64 -0.01 0.00	28.95 0.15 0.00	36.29 -0.10 0.00	255.88 -12.57 0.00	83.46 -2.59 0.00	44.79 -1.35 0.00	41.85 -1.62 0.00	45.18 -1.50 0.00	43.00 -1.47 0.00	44.93 -1.35 0.00	41.52 -1.50 0.00	40.71 -1.37 0.00	38.12 -2.00 0.00	42.01 -2.36 0.00	39.44 -2.52 0.00	40.84 -1.96 0.00	39.19 -1.95 0.00	42.56 -2.27 0.00	38.81 -1.76 0.00	33.82 -0.88 0.00
OXBOW____ 24026	26.90 -0.29 0.00	26.54 -0.49 0.00	29.87 -0.21 0.00	27.13 -0.04 0.00	28.64 0.00 0.00	28.95 0.14 0.00	36.30 -0.10 0.00	255.88 -12.58 0.00	83.46 -2.59 0.00	44.79 -1.35 0.00	41.86 -1.61 0.00	45.19 -1.50 0.00	43.01 -1.45 0.00	44.93 -1.35 0.00	41.52 -1.51 0.00	40.71 -1.37 0.00	38.12 -2.00 0.00	42.02 -2.36 0.00	39.45 -2.52 0.00	40.83 -1.97 0.00	39.20 -1.95 0.00	42.57 -2.26 0.00	38.81 -1.76 0.00	33.82 -0.89 0.00
OXY_CHEM_DSASP 323612	26.52 -0.67 0.00	26.17 -0.85 0.00	29.46 -0.63 0.00	26.76 -0.41 0.00	28.24 -0.41 0.00	28.54 -0.26 0.00	35.73 -0.66 0.00	250.90 -17.56 0.00	81.97 -4.08 0.00	43.95 -2.19 0.00	41.06 -2.41 0.00	44.32 -2.37 0.00	42.20 -2.27 0.00	44.06 -2.22 0.00	40.70 -2.32 0.00	39.91 -2.18 0.00	37.35 -2.77 0.00	41.16 -3.22 0.00	38.63 -3.33 0.00	40.01 -2.79 0.00	38.44 -2.71 0.00	41.78 -3.06 0.00	38.13 -2.44 0.00	33.26 -1.44 0.00
OZONE_PARK_ESR 323760	28.98 1.78 0.00	28.77 1.74 0.00	31.80 1.71 0.00	28.65 1.49 0.00	30.20 1.56 0.00	30.52 1.70 -0.03	38.82 2.43 0.00	278.61 10.16 0.00	89.61 3.56 0.00	47.88 1.74 0.00	44.89 1.42 0.00	48.30 1.61 0.00	46.30 1.83 0.00	48.37 2.09 0.00	45.14 2.12 0.00	44.54 2.23 -0.22	42.01 1.89 0.00	46.56 2.18 0.00	44.03 2.07 0.00	44.90 2.10 0.00	42.92 1.77 0.00	46.59 1.76 0.00	42.39 1.83 0.00	36.12 1.42 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	26.52 -0.67 0.00	26.17 -0.85 0.00	29.46 -0.63 0.00	26.76 -0.41 0.00	28.24 -0.41 0.00	28.54 -0.26 0.00	35.73 -0.66 0.00	250.90 -17.56 0.00	81.97 -4.08 0.00	43.95 -2.19 0.00	41.06 -2.41 0.00	44.32 -2.37 0.00	42.20 -2.27 0.00	44.06 -2.22 0.00	40.70 -2.32 0.00	39.91 -2.18 0.00	37.35 -2.77 0.00	41.16 -3.22 0.00	38.63 -3.33 0.00	40.01 -2.79 0.00	38.44 -2.71 0.00	41.78 -3.06 0.00	38.13 -2.44 0.00	33.26 -1.44 0.00
PACKARD__115KV_DUPONT_184 80571	26.52 -0.67 0.00	26.17 -0.85 0.00	29.46 -0.63 0.00	26.76 -0.41 0.00	28.24 -0.41 0.00	28.54 -0.26 0.00	35.73 -0.66 0.00	250.90 -17.56 0.00	81.97 -4.08 0.00	43.95 -2.19 0.00	41.06 -2.41 0.00	44.32 -2.37 0.00	42.20 -2.27 0.00	44.06 -2.22 0.00	40.70 -2.32 0.00	39.91 -2.18 0.00	37.35 -2.77 0.00	41.16 -3.22 0.00	38.63 -3.33 0.00	40.01 -2.79 0.00	38.44 -2.71 0.00	41.78 -3.06 0.00	38.13 -2.44 0.00	33.26 -1.44 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	28.78 1.59 0.00	28.62 1.59 0.00	31.67 1.58 0.00	28.57 1.41 0.00	30.07 1.43 0.00	30.41 1.58 -0.03	38.65 2.25 0.00	276.52 8.06 0.00	89.08 3.02 0.00	47.52 1.39 0.00	44.58 1.10 0.00	47.96 1.27 0.00	45.91 1.45 0.00	47.93 1.65 0.00	44.72 1.69 0.00	44.12 1.80 -0.22	41.65 1.53 0.00	46.12 1.74 0.00	43.67 1.70 0.00	44.55 1.75 0.00	42.61 1.47 0.00	46.30 1.47 0.00	42.11 1.54 0.00	35.93 1.23 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	28.98 1.78 0.00	28.82 1.79 0.00	31.90 1.81 0.00	28.79 1.63 0.00	30.34 1.69 0.00	30.64 1.81 -0.03	38.96 2.56 0.00	278.93 10.47 0.00	89.74 3.68 0.00	47.85 1.72 0.00	44.92 1.44 0.00	48.08 1.39 0.00	46.17 1.70 0.00	48.20 1.93 0.00	45.01 1.99 0.00	44.37 2.05 -0.22	41.83 1.71 0.00	46.32 1.94 0.00	43.87 1.91 0.00	44.74 1.94 0.00	42.82 1.67 0.00	46.49 1.66 0.00	42.29 1.73 0.00	36.07 1.36 0.00
PATROON__115KV_TB1 80586	27.82 0.63 0.00	27.74 0.71 0.00	30.86 0.77 0.00	27.84 0.67 0.00	29.37 0.72 0.00	29.59 0.72 -0.07	37.31 0.92 0.00	271.80 3.34 0.00	86.94 0.89 0.00	46.43 0.29 0.00	43.78 0.31 0.00	47.01 0.32 0.00	44.92 0.46 0.00	46.71 0.43 0.00	43.49 0.46 0.00	42.52 0.62 0.20	40.63 0.51 0.00	45.13 0.75 0.00	42.72 0.76 0.00	43.62 0.82 0.00	41.83 0.68 0.00	45.38 0.55 0.00	41.11 0.54 0.00	35.03 0.32 0.00
PATTRSNVILLE__SOLAR 323815	28.25 1.05 0.00	28.11 1.08 0.00	31.29 1.20 0.00	28.23 1.06 0.00	29.76 1.12 0.00	30.08 1.13 -0.15	37.92 1.53 0.00	277.64 9.18 0.00	88.79 2.74 0.00	47.37 1.23 0.00	44.61 1.14 0.00	47.76 1.07 0.00	45.58 1.12 0.00	47.11 0.83 0.00	43.79 0.77 0.00	42.99 1.06 0.16	41.24 1.12 0.00	45.90 1.52 0.00	43.56 1.59 0.00	44.52 1.72 0.00	42.69 1.54 0.00	46.35 1.52 0.00	41.97 1.40 0.00	35.79 1.09 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	27.35 0.16 0.00	27.00 -0.03 0.00	30.47 0.38 0.00	27.69 0.52 0.00	29.23 0.59 0.00	29.56 0.76 0.00	37.21 0.82 0.00	265.93 -2.52 0.00	85.96 -0.09 0.00	46.16 0.02 0.00	43.16 -0.31 0.00	46.65 -0.04 0.00	44.29 -0.17 0.00	46.34 0.06 0.00	42.89 -0.13 0.00	42.07 -0.02 0.00	39.46 -0.66 0.00	43.55 -0.83 0.00	40.91 -1.06 0.00	42.24 -0.56 0.00	40.54 -0.61 0.00	44.01 -0.82 0.00	39.99 -0.58 0.00	34.70 0.00 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	28.67 1.48 0.00	28.50 1.47 0.00	31.54 1.46 0.00	28.43 1.26 0.00	29.97 1.32 0.00	30.22 1.42 0.00	38.41 2.02 0.00	277.14 8.69 0.00	88.96 2.91 0.00	47.54 1.40 0.00	44.64 1.17 0.00	48.02 1.33 0.00	45.99 1.53 0.00	48.04 1.76 0.00	44.78 1.76 0.00	44.15 1.87 -0.20	41.74 1.62 0.00	46.28 1.90 0.00	43.82 1.86 0.00	44.72 1.92 0.00	42.74 1.59 0.00	46.37 1.53 0.00	42.11 1.55 0.00	35.86 1.16 0.00
PEEKSKILL____ 23653	28.52 1.32 0.00	28.34 1.31 0.00	31.35 1.26 0.00	28.25 1.08 0.00	29.76 1.12 0.00	30.05 1.23 -0.03	38.15 1.76 0.00	274.40 5.95 0.00	88.20 2.15 0.00	47.13 0.99 0.00	44.23 0.76 0.00	47.58 0.90 0.00	45.60 1.14 0.00	47.61 1.34 0.00	44.43 1.41 0.00	43.82 1.52 -0.22	41.37 1.25 0.00	45.83 1.45 0.00	43.37 1.40 0.00	44.22 1.42 0.00	42.28 1.13 0.00	45.91 1.08 0.00	41.78 1.21 0.00	35.59 0.89 0.00

PGE MADISON___WINDPWR 24146	28.40 1.21 0.00	27.85 0.82 0.00	31.61 1.52 0.00	28.25 1.09 0.00	29.96 1.32 0.00	30.37 1.57 0.00	38.58 2.19 0.00	285.36 16.91 0.00	90.40 4.35 0.00	48.40 2.26 0.00	45.72 2.25 0.00	49.23 2.54 0.00	46.69 2.23 0.00	48.93 2.66 0.00	45.58 2.56 0.00	44.81 2.72 0.00	42.97 2.85 0.00	47.65 3.27 0.00	45.22 3.26 0.00	46.00 3.20 0.00	43.72 2.57 0.00	47.43 2.59 0.00	42.62 2.06 0.00	36.53 1.82 0.00
PIERCEFIELD___HYD 23852	27.01 -0.19 0.00	26.74 -0.29 0.00	29.64 -0.45 0.00	26.75 -0.42 0.00	28.15 -0.49 0.00	28.31 -0.49 0.00	35.84 -0.55 0.00	265.01 -3.44 0.00	85.35 -0.70 0.00	45.99 -0.15 0.00	43.53 0.05 0.00	46.67 -0.02 0.00	44.10 -0.36 0.00	45.83 -0.45 0.00	42.38 -0.64 0.00	40.80 -1.28 0.00	39.37 -0.75 0.00	43.68 -0.70 0.00	41.26 -0.70 0.00	42.07 -0.72 0.00	40.51 -0.64 0.00	44.69 -0.14 0.00	40.66 0.09 0.00	34.79 0.09 0.00
PINELAWN_CC_1 323563	28.96 1.77 0.00	28.83 1.81 0.00	31.92 1.83 0.00	28.80 1.63 0.00	36.07 1.73 -5.70	32.01 1.81 -1.40	38.87 2.46 -0.01	228.05 3.62 44.03	86.24 1.11 0.92	47.16 1.02 0.00	44.05 0.58 0.00	47.19 0.50 0.00	45.25 0.78 0.00	47.57 1.30 0.00	44.60 1.58 0.00	44.28 1.96 -0.22	41.51 1.39 0.00	45.84 1.46 0.00	43.41 1.45 0.00	44.46 1.66 0.00	42.30 1.15 0.00	46.27 1.21 -0.23	42.15 1.59 0.00	35.72 1.02 0.00
PJM_GEN_HTP_PROXY 323702	28.69 1.50 0.00	28.50 1.47 0.00	31.51 1.43 0.00	28.40 1.23 0.00	29.93 1.29 0.00	30.31 1.41 -0.10	39.00 2.02 -0.59	276.10 7.26 -0.38	88.66 2.61 0.00	47.40 1.25 0.00	44.45 0.98 0.00	47.82 1.13 0.00	46.57 1.37 -0.74	46.33 1.59 1.54	44.67 1.65 0.00	44.06 1.75 -0.22	41.57 1.45 0.00	46.09 1.71 0.00	43.58 1.61 0.00	44.41 1.62 0.00	41.03 1.31 1.43	46.10 1.26 0.00	42.81 1.39 -0.85	35.76 1.06 0.00
PJM_GEN_KEystone 24065	16.26 -0.35 10.58	16.02 -0.41 10.60	14.08 -0.09 15.92	16.19 0.09 11.06	19.12 0.15 9.67	29.15 0.27 -0.07	37.38 0.40 -0.59	188.06 -2.33 78.06	84.95 -1.06 0.04	45.53 -0.61 0.00	37.63 -0.88 4.97	46.02 -0.67 0.00	35.88 -0.73 7.85	44.55 -0.47 1.26	42.55 -0.47 0.00	41.75 -0.40 -0.06	39.28 -0.84 0.00	37.70 -0.93 5.75	27.84 -1.06 13.06	33.54 -0.88 8.38	33.82 -0.93 6.41	46.34 -1.10 -2.61	40.58 -0.84 -0.85	34.27 -0.43 0.00
PJM_GEN_NEPTUNE_PROXY 323594	28.88 1.68 0.00	28.73 1.70 0.00	31.81 1.72 0.00	28.69 1.52 0.00	35.95 1.60 -5.70	31.97 1.70 -1.47	39.30 2.30 -0.60	233.36 4.09 39.18	87.38 1.33 0.00	47.17 1.03 0.00	44.02 0.55 0.00	47.26 0.57 0.00	46.14 0.94 -0.74	46.05 1.31 1.54	44.57 1.55 0.00	44.15 1.84 -0.22	41.43 1.31 0.00	45.75 1.37 0.00	43.31 1.34 0.00	44.29 1.49 0.00	40.77 1.05 1.43	46.16 1.10 -0.23	42.90 1.49 -0.85	35.72 1.02 0.00
PJM_GEN_VFT_PROXY 323633	28.62 1.42 0.00	28.42 1.39 0.00	31.40 1.32 0.00	28.29 1.12 0.00	29.81 1.16 0.00	30.20 1.30 -0.10	38.88 1.90 -0.59	174.90 5.66 99.21	87.57 2.13 0.62	47.10 0.96 0.00	42.80 0.70 1.38	47.54 0.85 0.00	45.96 1.11 -0.38	46.09 1.35 1.54	44.46 1.43 0.00	43.85 1.54 -0.22	41.36 1.24 0.00	45.85 1.47 0.00	43.34 1.38 0.00	44.17 1.37 0.00	40.79 1.07 1.43	45.86 1.03 0.00	42.61 1.20 -0.85	35.61 0.91 0.00
PLATSBURG_115KV_PMLD1 355749	-23.60 -1.20 49.60	-23.60 -1.30 49.33	-23.58 -1.59 52.07	-23.60 -1.48 49.28	-23.37 -1.61 50.41	-23.51 -1.69 50.62	1.02 -2.07 33.31	238.23 -13.56 16.67	37.79 -3.91 44.35	39.73 -1.16 5.26	43.01 -0.46 0.00	46.33 -0.36 0.00	44.04 -0.42 0.00	45.71 -0.57 0.00	42.21 -0.81 0.00	41.18 -0.91 0.00	40.05 -0.07 0.00	44.63 0.25 0.00	42.23 0.27 0.00	42.74 -0.06 0.00	40.94 -0.22 0.00	44.50 -0.34 0.00	40.36 -0.21 0.00	34.68 -0.02 0.00
PLEASANTVLY___LBMP 24000	28.32 1.13 0.00	28.17 1.14 0.00	31.21 1.12 0.00	28.13 0.96 0.00	29.65 1.01 0.00	29.90 1.07 -0.03	37.88 1.49 0.00	273.28 4.82 0.00	87.68 1.63 0.00	46.84 0.70 0.00	44.02 0.54 0.00	47.33 0.64 0.00	45.33 0.87 0.00	47.29 1.01 0.00	44.10 1.08 0.00	43.52 1.18 -0.25	41.08 0.96 0.00	45.55 1.17 0.00	43.13 1.16 0.00	43.98 1.19 0.00	42.10 0.95 0.00	45.69 0.86 0.00	41.53 0.97 0.00	35.40 0.70 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.55 1.36 0.00	28.38 1.35 0.00	31.41 1.32 0.00	28.31 1.14 0.00	29.82 1.18 0.00	30.13 1.30 -0.03	38.22 1.83 0.00	275.13 6.68 0.00	88.32 2.27 0.00	47.25 1.11 0.00	44.34 0.87 0.00	47.70 1.01 0.00	45.69 1.22 0.00	47.69 1.41 0.00	44.51 1.49 0.00	43.91 1.60 -0.23	41.43 1.31 0.00	45.90 1.52 0.00	43.46 1.49 0.00	44.32 1.52 0.00	42.37 1.22 0.00	46.01 1.17 0.00	41.84 1.27 0.00	35.66 0.96 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.55 1.36 0.00	28.38 1.35 0.00	31.41 1.32 0.00	28.31 1.14 0.00	29.82 1.18 0.00	30.13 1.30 -0.03	38.22 1.83 0.00	275.13 6.68 0.00	88.32 2.27 0.00	47.25 1.11 0.00	44.34 0.87 0.00	47.70 1.01 0.00	45.69 1.22 0.00	47.69 1.41 0.00	44.51 1.49 0.00	43.91 1.60 -0.23	41.43 1.31 0.00	45.90 1.52 0.00	43.46 1.49 0.00	44.32 1.52 0.00	42.37 1.22 0.00	46.01 1.17 0.00	41.84 1.27 0.00	35.66 0.96 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.47 1.28 0.00	28.30 1.28 0.00	31.35 1.26 0.00	28.26 1.09 0.00	29.78 1.14 0.00	30.04 1.21 -0.03	38.11 1.72 0.00	275.23 6.77 0.00	88.35 2.29 0.00	47.19 1.05 0.00	44.31 0.83 0.00	47.68 0.99 0.00	45.67 1.21 0.00	47.68 1.40 0.00	44.42 1.40 0.00	43.59 1.50 0.00	41.43 1.31 0.00	45.95 1.57 0.00	43.53 1.56 0.00	44.40 1.60 0.00	42.48 1.33 0.00	46.07 1.24 0.00	41.83 1.26 0.00	35.64 0.94 0.00
POLETTI___ 23519	28.73 1.53 0.00	28.54 1.51 0.00	31.55 1.46 0.00	28.44 1.27 0.00	29.97 1.32 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	275.94 7.49 0.00	88.76 2.70 0.00	47.43 1.29 0.00	44.47 1.00 0.00	47.85 1.16 0.00	45.87 1.41 0.00	47.90 1.62 0.00	44.71 1.68 0.00	44.10 1.78 -0.22	41.59 1.47 0.00	46.11 1.73 0.00	43.60 1.64 0.00	44.45 1.66 0.00	42.50 1.35 0.00	46.14 1.30 0.00	42.00 1.43 0.00	35.80 1.10 0.00
POMONA___ESR 323819	28.54 1.34 0.00	28.35 1.32 0.00	31.36 1.27 0.00	28.24 1.07 0.00	29.76 1.12 0.00	30.02 1.22 0.00	38.17 1.78 0.00	274.76 6.31 0.00	88.59 2.54 0.00	47.34 1.20 0.00	44.43 0.96 0.00	47.83 1.14 0.00	45.81 1.35 0.00	47.84 1.56 0.00	44.64 1.62 0.00	44.02 1.73 -0.20	41.57 1.44 0.00	46.03 1.65 0.00	43.55 1.59 0.00	44.27 1.47 0.00	42.33 1.18 0.00	45.98 1.15 0.00	41.94 1.37 0.00	35.72 1.02 0.00
PORT_JEFF_3 23555	28.75 1.56 0.00	28.64 1.61 0.00	31.74 1.65 0.00	28.67 1.51 0.00	35.94 1.60 -5.70	31.82 1.63 -1.40	38.62 2.22 -0.01	225.11 -1.66 41.68	85.20 -0.41 0.44	46.76 0.62 0.00	43.53 0.06 0.00	46.67 -0.03 0.00	44.78 0.32 0.00	47.06 0.78 0.00	44.22 1.20 0.00	43.91 1.60 -0.22	41.13 1.01 0.00	45.43 1.06 0.00	43.09 1.13 0.00	44.16 1.36 0.00	41.99 0.85 -0.23	45.91 0.85 0.00	41.80 1.23 0.00	35.36 0.66 0.00

PORT_JEFF_4 23616	28.75 1.56 0.00	28.64 1.61 0.00	31.74 1.65 0.00	28.67 1.51 0.00	35.94 1.60 -5.70	31.82 1.63 -1.40	38.62 2.22 -0.01	225.11 -1.66 41.68	85.20 -0.41 0.44	46.76 0.62 0.00	43.53 0.06 0.00	46.67 -0.03 0.00	44.78 0.32 0.00	47.06 0.78 0.00	44.22 1.20 0.00	43.91 1.60 -0.22	41.13 1.01 0.00	45.43 1.06 0.00	43.09 1.13 0.00	44.16 1.36 0.00	41.99 0.85 0.00	45.91 0.85 -0.23	41.80 1.23 0.00	35.36 0.66 0.00
PORT_JEFF_IC 23713	28.72 1.52 0.00	28.61 1.58 0.00	31.70 1.61 0.00	28.65 1.49 0.00	35.92 1.58 -5.70	31.79 1.59 -1.40	38.58 2.18 -0.01	224.58 -2.12 41.75	85.04 -0.56 0.45	46.73 0.59 0.00	43.49 0.02 0.00	46.63 -0.06 0.00	44.74 0.28 0.00	47.01 0.73 0.00	44.19 1.17 0.00	43.89 1.58 -0.22	41.12 1.00 0.00	45.43 1.05 0.00	43.10 1.14 0.00	44.17 1.37 0.00	41.99 0.84 0.00	45.89 0.83 -0.23	41.78 1.21 0.00	35.32 0.62 0.00
PPL_PILGRIM_ST_GT1 24216	28.99 1.79 0.00	28.88 1.86 0.00	32.01 1.92 0.00	28.90 1.73 0.00	36.17 1.82 -5.70	32.11 1.91 -1.40	38.95 2.55 -0.01	228.90 2.54 42.09	86.29 0.76 0.52	47.12 0.98 0.00	43.92 0.44 0.00	47.01 0.32 0.00	45.07 0.61 0.00	47.47 1.19 0.00	44.58 1.56 0.00	44.28 1.97 -0.22	41.46 1.34 0.00	45.73 1.36 0.00	43.27 1.31 0.00	44.39 1.59 0.00	42.33 1.18 0.00	46.29 1.22 -0.23	42.12 1.56 0.00	35.66 0.96 0.00
PPL_PILGRIM_ST_GT2 24217	28.99 1.79 0.00	28.88 1.86 0.00	32.01 1.92 0.00	28.90 1.73 0.00	36.17 1.82 -5.70	32.11 1.91 -1.40	38.95 2.55 -0.01	228.90 2.54 42.09	86.29 0.76 0.52	47.12 0.98 0.00	43.92 0.44 0.00	47.01 0.32 0.00	45.07 0.61 0.00	47.47 1.19 0.00	44.58 1.56 0.00	44.28 1.97 -0.22	41.46 1.34 0.00	45.73 1.36 0.00	43.27 1.31 0.00	44.39 1.59 0.00	42.33 1.18 0.00	46.29 1.22 -0.23	42.12 1.56 0.00	35.66 0.96 0.00
PPL_SHRM_GT3 24213	27.95 0.75 0.00	27.83 0.80 0.00	30.81 0.72 0.00	28.02 0.85 0.00	35.26 0.92 -5.70	30.93 0.72 -1.40	37.54 1.15 -0.01	216.06 -10.67 41.72	82.17 -3.18 0.70	45.36 -0.78 0.00	39.38 -1.38 2.71	42.60 -1.51 2.57	39.65 -1.15 3.67	39.58 -0.73 5.97	40.51 -0.13 2.38	42.63 0.32 -0.22	39.98 -0.14 0.00	44.14 -0.24 0.00	41.97 0.01 0.00	43.01 0.21 0.00	40.88 -0.27 0.00	44.66 -0.40 -0.23	40.67 0.10 0.00	34.27 -0.43 0.00
PPL_SHRM_GT4 24214	27.95 0.75 0.00	27.83 0.80 0.00	30.81 0.72 0.00	28.02 0.85 0.00	35.26 0.92 -5.70	30.93 0.72 -1.40	37.54 1.15 -0.01	216.06 -10.67 41.72	82.17 -3.18 0.70	45.36 -0.78 0.00	39.38 -1.38 2.71	42.60 -1.51 2.57	39.65 -1.15 3.67	39.58 -0.73 5.97	40.51 -0.13 2.38	42.63 0.32 -0.22	39.98 -0.14 0.00	44.14 -0.24 0.00	41.97 0.01 0.00	43.01 0.21 0.00	40.88 -0.27 0.00	44.66 -0.40 -0.23	40.67 0.10 0.00	34.27 -0.43 0.00
PROJECT___ORANGE 1 24174	26.96 -0.23 0.00	26.75 -0.28 0.00	29.90 -0.19 0.00	27.03 -0.14 0.00	28.51 -0.13 0.00	28.73 -0.07 0.00	36.30 -0.10 0.00	270.73 2.28 0.00	86.89 0.84 0.00	46.58 0.44 0.00	43.84 0.37 0.00	47.14 0.45 0.00	44.86 0.39 0.00	46.72 0.44 0.00	43.41 0.38 0.00	42.49 0.41 0.00	40.47 0.34 0.00	44.78 0.41 0.00	42.35 0.38 0.00	43.22 0.42 0.00	41.47 0.31 0.00	45.05 0.22 0.00	40.79 0.22 0.00	34.88 0.18 0.00
PROJECT___ORANGE 2 24166	26.96 -0.23 0.00	26.75 -0.28 0.00	29.90 -0.19 0.00	27.03 -0.14 0.00	28.51 -0.13 0.00	28.73 -0.07 0.00	36.30 -0.10 0.00	270.73 2.28 0.00	86.89 0.84 0.00	46.58 0.44 0.00	43.84 0.37 0.00	47.14 0.45 0.00	44.86 0.39 0.00	46.72 0.44 0.00	43.41 0.38 0.00	42.49 0.41 0.00	40.47 0.34 0.00	44.78 0.41 0.00	42.35 0.38 0.00	43.22 0.42 0.00	41.47 0.31 0.00	45.05 0.22 0.00	40.79 0.22 0.00	34.88 0.18 0.00
PUCKETT___SOLAR 323809	27.36 0.17 0.00	27.04 0.01 0.00	30.54 0.46 0.00	27.57 0.40 0.00	29.13 0.49 0.00	29.40 0.60 0.00	37.16 0.77 0.00	274.36 5.90 0.00	87.06 1.01 0.00	46.60 0.46 0.00	43.82 0.35 0.00	47.21 0.52 0.00	44.87 0.40 0.00	46.91 0.63 0.00	43.67 0.65 0.00	42.80 0.71 0.00	40.75 0.63 0.00	45.14 0.76 0.00	42.72 0.75 0.00	43.57 0.77 0.00	41.65 0.50 0.00	45.28 0.44 0.00	40.94 0.37 0.00	35.17 0.47 0.00
PYRITES___HYD 24023	27.48 0.28 0.00	27.20 0.17 0.00	30.16 0.07 0.00	27.23 0.06 0.00	28.67 0.03 0.00	28.83 0.03 0.00	36.57 0.18 0.00	270.09 1.63 0.00	86.89 0.84 0.00	46.78 0.64 0.00	44.28 0.81 0.00	47.43 0.74 0.00	44.84 0.38 0.00	46.56 0.28 0.00	42.98 -0.04 0.00	41.41 -0.67 0.00	39.93 -0.19 0.00	44.45 0.07 0.00	42.10 0.14 0.00	43.03 0.23 0.00	41.41 0.26 0.00	45.52 0.69 0.00	41.33 0.76 0.00	35.38 0.67 0.00
QUAKERRD_115KV_BK1 80622	26.64 -0.55 0.00	26.36 -0.67 0.00	29.50 -0.59 0.00	26.69 -0.47 0.00	28.18 -0.47 0.00	28.46 -0.34 0.00	35.91 -0.48 0.00	260.37 -8.09 0.00	84.43 -1.62 0.00	45.31 -0.83 0.00	42.48 -0.99 0.00	45.77 -0.91 0.00	43.51 -0.95 0.00	45.41 -0.87 0.00	42.07 -0.95 0.00	41.22 -0.87 0.00	38.89 -1.23 0.00	42.99 -1.39 0.00	40.49 -1.47 0.00	41.65 -1.15 0.00	39.90 -1.25 0.00	43.27 -1.57 0.00	39.24 -1.32 0.00	33.84 -0.86 0.00
QUEENSBRY_115KV_TB8 356137	29.20 2.01 0.00	29.08 2.06 0.00	32.26 2.17 0.00	29.17 2.00 0.00	30.82 2.17 0.00	31.31 2.26 -0.24	39.47 3.08 0.00	287.17 18.71 0.00	91.72 5.67 0.00	48.73 2.59 0.00	46.12 2.65 0.00	49.36 2.67 0.00	47.16 2.70 0.00	48.91 2.64 0.00	45.52 2.50 0.00	44.61 2.74 0.21	42.83 2.71 0.00	47.77 3.40 0.00	45.41 3.45 0.00	46.36 3.56 0.00	44.35 3.20 0.00	47.80 2.97 0.00	43.15 2.58 0.00	36.67 1.96 0.00
RAMAPO___LBMP 323565	28.44 1.24 0.00	28.26 1.23 0.00	31.25 1.16 0.00	28.15 0.98 0.00	29.65 1.01 0.00	29.92 1.12 0.00	38.03 1.64 0.00	273.75 5.29 0.00	88.04 1.99 0.00	47.03 0.89 0.00	44.15 0.67 0.00	47.51 0.82 0.00	45.50 1.03 0.00	47.52 1.25 0.00	44.34 1.32 0.00	43.72 1.43 -0.20	41.27 1.15 0.00	45.72 1.34 0.00	43.26 1.29 0.00	44.09 1.30 0.00	42.17 1.02 0.00	45.79 0.96 0.00	41.67 1.10 0.00	35.51 0.81 0.00
RANKINE____ 23646	27.17 -0.03 0.00	26.82 -0.22 0.00	30.25 0.16 0.00	27.49 0.32 0.00	29.02 0.37 0.00	29.34 0.54 0.00	36.89 0.50 0.00	262.50 -5.96 0.00	85.05 -1.00 0.00	45.67 -0.47 0.00	42.72 -0.75 0.00	46.18 -0.51 0.00	43.88 -0.59 0.00	45.89 -0.39 0.00	42.48 -0.54 0.00	41.67 -0.42 0.00	39.06 -1.07 0.00	43.10 -1.28 0.00	40.46 -1.50 0.00	41.83 -0.97 0.00	40.16 -0.99 0.00	43.59 -1.25 0.00	39.62 -0.95 0.00	34.41 -0.30 0.00
RAVENSWOOD_GT2_1 24244	28.73 1.53 0.00	28.54 1.51 0.00	31.56 1.47 0.00	28.44 1.27 0.00	29.97 1.33 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	276.01 7.56 0.00	88.77 2.72 0.00	47.45 1.30 0.00	44.48 1.01 0.00	47.87 1.18 0.00	45.88 1.42 0.00	47.91 1.63 0.00	44.72 1.69 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.15 1.32 0.00	42.01 1.44 0.00	35.80 1.10 0.00



RAVENSWOOD_GT2_2 24245	28.73 1.53 0.00	28.54 1.51 0.00	31.56 1.47 0.00	28.44 1.27 0.00	29.97 1.33 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	276.01 7.56 0.00	88.77 2.72 0.00	47.45 1.30 0.00	44.48 1.01 0.00	47.87 1.18 0.00	45.88 1.42 0.00	47.91 1.63 0.00	44.72 1.69 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.15 1.32 0.00	42.01 1.44 0.00	35.80 1.10 0.00
RAVENSWOOD_GT2_3 24246	28.75 1.55 0.00	28.55 1.52 0.00	31.57 1.48 0.00	28.45 1.29 0.00	29.97 1.33 0.00	30.29 1.46 -0.03	38.49 2.09 0.00	276.20 7.74 0.00	88.81 2.76 0.00	47.46 1.32 0.00	44.52 1.04 0.00	47.89 1.21 0.00	45.91 1.45 0.00	47.94 1.66 0.00	44.74 1.72 0.00	44.13 1.82 -0.22	41.63 1.51 0.00	46.15 1.77 0.00	43.63 1.66 0.00	44.48 1.68 0.00	42.52 1.37 0.00	46.17 1.33 0.00	42.03 1.46 0.00	35.82 1.12 0.00
RAVENSWOOD_GT2_4 24247	28.75 1.55 0.00	28.55 1.52 0.00	31.57 1.48 0.00	28.45 1.29 0.00	29.97 1.33 0.00	30.29 1.46 -0.03	38.49 2.09 0.00	276.20 7.74 0.00	88.81 2.76 0.00	47.46 1.32 0.00	44.52 1.04 0.00	47.89 1.21 0.00	45.91 1.45 0.00	47.94 1.66 0.00	44.74 1.72 0.00	44.13 1.82 -0.22	41.63 1.51 0.00	46.15 1.77 0.00	43.63 1.66 0.00	44.48 1.68 0.00	42.52 1.37 0.00	46.17 1.33 0.00	42.03 1.46 0.00	35.82 1.12 0.00
RAVENSWOOD_GT3_1 24248	28.73 1.53 0.00	28.54 1.51 0.00	31.56 1.47 0.00	28.44 1.27 0.00	29.97 1.33 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	276.01 7.56 0.00	88.77 2.72 0.00	47.45 1.30 0.00	44.49 1.01 0.00	47.87 1.18 0.00	45.88 1.42 0.00	47.91 1.63 0.00	44.72 1.69 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.15 1.32 0.00	42.01 1.44 0.00	35.80 1.10 0.00
RAVENSWOOD_GT3_2 24249	28.73 1.53 0.00	28.54 1.51 0.00	31.56 1.47 0.00	28.44 1.27 0.00	29.97 1.33 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	276.01 7.56 0.00	88.77 2.72 0.00	47.45 1.30 0.00	44.49 1.01 0.00	47.87 1.18 0.00	45.88 1.42 0.00	47.91 1.63 0.00	44.72 1.69 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.15 1.32 0.00	42.01 1.44 0.00	35.80 1.10 0.00
RAVENSWOOD_GT3_3 24250	28.77 1.58 0.00	28.58 1.55 0.00	31.60 1.51 0.00	28.48 1.32 0.00	30.00 1.36 0.00	30.32 1.49 -0.03	38.53 2.14 0.00	276.46 8.01 0.00	88.91 2.86 0.00	47.52 1.38 0.00	44.57 1.09 0.00	47.96 1.27 0.00	45.96 1.50 0.00	48.01 1.73 0.00	44.79 1.77 0.00	44.19 1.88 -0.22	41.69 1.57 0.00	46.20 1.82 0.00	43.69 1.73 0.00	44.54 1.74 0.00	42.57 1.42 0.00	46.22 1.39 0.00	42.08 1.51 0.00	35.86 1.16 0.00
RAVENSWOOD_GT3_4 24251	28.77 1.58 0.00	28.58 1.55 0.00	31.60 1.51 0.00	28.48 1.32 0.00	30.00 1.36 0.00	30.32 1.49 -0.03	38.53 2.14 0.00	276.46 8.01 0.00	88.91 2.86 0.00	47.52 1.38 0.00	44.57 1.09 0.00	47.96 1.27 0.00	45.96 1.50 0.00	48.01 1.73 0.00	44.79 1.77 0.00	44.19 1.88 -0.22	41.69 1.57 0.00	46.20 1.82 0.00	43.69 1.73 0.00	44.54 1.74 0.00	42.57 1.42 0.00	46.22 1.39 0.00	42.08 1.51 0.00	35.86 1.16 0.00
RAVENSWOOD_GT_1 23729	28.78 1.58 0.00	28.59 1.56 0.00	31.62 1.53 0.00	28.51 1.34 0.00	30.02 1.38 0.00	30.35 1.53 -0.03	38.56 2.17 0.00	276.54 8.08 0.00	88.98 2															

RAVENSWOOD_GT_9 24257	28.73 1.53 0.00	28.54 1.51 0.00	31.55 1.47 0.00	28.44 1.27 0.00	29.97 1.33 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	276.01 7.55 0.00	88.77 2.72 0.00	47.44 1.30 0.00	44.48 1.01 0.00	47.87 1.18 0.00	45.88 1.42 0.00	47.91 1.63 0.00	44.72 1.69 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.46 1.66 0.00	42.51 1.36 0.00	46.15 1.32 0.00	42.01 1.44 0.00	35.80 1.10 0.00
RAVENSWOOD___1 23533	28.76 1.57 0.00	28.57 1.54 0.00	31.61 1.52 0.00	28.50 1.33 0.00	30.00 1.36 0.00	30.34 1.51 -0.03	38.55 2.16 0.00	276.52 8.06 0.00	88.97 2.92 0.00	47.52 1.38 0.00	44.55 1.08 0.00	47.91 1.22 0.00	45.91 1.45 0.00	47.93 1.66 0.00	44.73 1.70 0.00	44.13 1.82 -0.22	41.63 1.51 0.00	46.12 1.75 0.00	43.62 1.66 0.00	44.47 1.67 0.00	42.53 1.38 0.00	46.19 1.36 0.00	42.02 1.45 0.00	35.85 1.15 0.00
RAVENSWOOD___2 23534	28.75 1.55 0.00	28.56 1.53 0.00	31.60 1.51 0.00	28.48 1.32 0.00	30.00 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.82 0.00	88.91 2.86 0.00	47.51 1.37 0.00	44.54 1.06 0.00	47.90 1.21 0.00	45.91 1.45 0.00	47.92 1.65 0.00	44.72 1.70 0.00	44.13 1.82 -0.22	41.63 1.51 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.47 1.67 0.00	42.52 1.37 0.00	46.17 1.34 0.00	42.00 1.43 0.00	35.84 1.13 0.00
RAVENSWOOD___3 23535	28.73 1.54 0.00	28.54 1.51 0.00	31.56 1.47 0.00	28.44 1.28 0.00	29.97 1.33 0.00	30.28 1.45 -0.03	38.47 2.08 0.00	276.10 7.64 0.00	88.77 2.72 0.00	47.45 1.30 0.00	44.49 1.01 0.00	47.87 1.18 0.00	45.88 1.42 0.00	47.91 1.64 0.00	44.71 1.69 0.00	44.10 1.79 -0.22	41.62 1.50 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.47 1.67 0.00	42.51 1.36 0.00	46.16 1.32 0.00	42.01 1.44 0.00	35.81 1.10 0.00
RAVENSWOOD___4 23820	28.75 1.55 0.00	28.56 1.53 0.00	31.60 1.51 0.00	28.48 1.32 0.00	30.00 1.35 0.00	30.33 1.50 -0.03	38.53 2.14 0.00	276.27 7.82 0.00	88.91 2.86 0.00	47.51 1.37 0.00	44.54 1.06 0.00	47.90 1.21 0.00	45.91 1.45 0.00	47.92 1.65 0.00	44.72 1.70 0.00	44.13 1.82 -0.22	41.63 1.51 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.47 1.67 0.00	42.52 1.37 0.00	46.17 1.34 0.00	42.00 1.43 0.00	35.84 1.13 0.00
RCPL_TRUST___DRP 24196	28.72 1.52 0.00	28.53 1.50 0.00	31.55 1.46 0.00	28.44 1.27 0.00	29.97 1.32 0.00	30.28 1.45 -0.03	38.48 2.09 0.00	276.27 7.81 0.00	88.84 2.79 0.00	47.50 1.36 0.00	44.55 1.07 0.00	47.93 1.24 0.00	45.93 1.47 0.00	47.96 1.68 0.00	44.77 1.75 0.00	44.15 1.84 -0.22	41.66 1.54 0.00	46.17 1.79 0.00	43.65 1.69 0.00	44.49 1.69 0.00	42.52 1.37 0.00	46.16 1.33 0.00	42.01 1.44 0.00	35.80 1.10 0.00
RED___ROCHESTER 323720	27.39 0.20 0.00	27.08 0.05 0.00	30.32 0.23 0.00	27.44 0.27 0.00	28.97 0.33 0.00	29.28 0.47 0.00	36.93 0.53 0.00	266.33 -2.12 0.00	86.59 0.54 0.00	46.47 0.33 0.00	43.52 0.05 0.00	46.93 0.24 0.00	44.60 0.14 0.00	46.56 0.28 0.00	43.11 0.09 0.00	42.24 0.15 0.00	39.81 -0.31 0.00	44.00 -0.38 0.00	41.42 -0.54 0.00	42.66 -0.13 0.00	40.85 -0.30 0.00	44.28 -0.55 0.00	40.17 -0.40 0.00	34.66 -0.05 0.00
REGAN___SOLAR 323812	28.84 1.64 0.00	28.63 1.60 0.00	31.84 1.76 0.00	28.74 1.58 0.00	30.31 1.67 0.00	30.66 1.72 -0.14	38.84 2.45 0.00	285.64 17.18 0.00	91.33 5.28 0.00	48.59 2.45 0.00	45.72 2.25 0.00	48.85 2.16 0.00	46.44 1.97 0.00	47.55 1.27 0.00	44.18 1.16 0.00	43.65 1.71 0.15	42.04 1.92 0.00	47.10 2.72 0.00	44.86 2.90 0.00	45.94 3.14 0.00	44.01 2.86 0.00	47.74 2.90 0.00	43.15 2.58 0.00	36.76 2.06 0.00
RENSSELAER___COGEN 23796	27.67 0.47 0.00	27.60 0.57 0.00	30.70 0.61 0.00	27.70 0.53 0.00	29.21 0.57 0.00	28.39 0.55 0.96	37.10 0.71 0.00	270.27 1.81 0.00	86.40 0.35 0.00	46.14 0.00 0.00	43.49 0.03 0.00	46.69 0.00 0.00	44.61 0.15 0.00	46.39 0.11 0.00	43.20 0.17 0.00	42.19 0.30 0.20	40.33 0.21 0.00	44.81 0.43 0.00	42.43 0.47 0.00	43.34 0.54 0.00	41.57 0.42 0.00	45.12 0.28 0.00	40.88 0.31 0.00	34.83 0.13 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.72 3.53 0.00	30.59 3.56 0.00	33.78 3.69 0.00	30.65 3.48 0.00	32.47 3.83 0.00	33.14 4.09 -0.25	42.04 5.65 0.00	303.22 34.77 0.00	96.65 10.59 0.00	50.81 4.67 0.00	48.56 5.10 0.00	51.75 5.07 0.00	49.33 4.87 0.00	51.24 4.96 0.00	47.66 4.64 0.00	46.78 4.90 0.22	45.16 5.04 0.00	50.46 6.08 0.00	48.24 6.27 0.00	49.24 6.45 0.00	46.92 5.77 0.00	50.15 5.32 0.00	45.15 4.58 0.00	38.30 3.59 0.00
REVERE_CPPR_DRP 24186	27.78 0.59 0.00	27.60 0.57 0.00	30.77 0.68 0.00	27.86 0.69 0.00	29.30 0.66 0.00	29.56 0.76 0.00	37.53 1.14 0.00	278.98 10.52 0.00	89.47 3.42 0.00	47.88 1.73 0.00	44.99 1.52 0.00	48.29 1.60 0.00	45.97 1.51 0.00	48.07 1.79 0.00	44.57 1.55 0.00	43.63 1.54 0.00	41.77 1.65 0.00	46.38 2.00 0.00	43.86 1.90 0.00	44.81 2.01 0.00	42.91 1.76 0.00	46.57 1.74 0.00	42.05 1.48 0.00	35.75 1.05 0.00
REYNOLDS_115KV_TB3 80639	27.95 0.76 0.00	27.88 0.85 0.00	31.01 0.92 0.00	27.99 0.82 0.00	29.51 0.86 0.00	30.31 0.86 -0.65	37.44 1.05 0.00	272.95 4.50 0.00	87.22 1.16 0.00	46.52 0.38 0.00	43.89 0.42 0.00	47.11 0.42 0.00	45.01 0.55 0.00	46.80 0.52 0.00	43.58 0.56 0.00	42.52 0.67 0.23	40.65 0.53 0.00	45.18 0.80 0.00	42.78 0.82 0.00	43.70 0.90 0.00	41.94 0.78 0.00	45.51 0.68 0.00	41.25 0.68 0.00	35.15 0.45 0.00
RIVERBAY____ 323610	28.98 1.78 0.00	28.82 1.79 0.00	31.90 1.81 0.00	28.79 1.63 0.00	30.34 1.69 0.00	30.64 1.81 -0.03	38.96 2.56 0.00	278.93 10.47 0.00	89.74 3.68 0.00	47.85 1.72 0.00	44.92 1.44 0.00	48.08 1.39 0.00	46.17 1.70 0.00	48.20 1.93 0.00	45.01 1.99 0.00	44.37 2.05 -0.22	41.83 1.71 0.00	46.32 1.94 0.00	43.87 1.91 0.00	44.74 1.94 0.00	42.82 1.67 0.00	46.49 1.66 0.00	42.29 1.73 0.00	36.07 1.36 0.00
RIVERSDE_115KV_TB3 55908	27.83 0.63 0.00	27.77 0.74 0.00	30.87 0.78 0.00	27.85 0.69 0.00	29.38 0.73 0.00	29.81 0.73 -0.28	37.29 0.90 0.00	271.37 2.91 0.00	86.75 0.70 0.00	46.32 0.18 0.00	43.69 0.22 0.00	46.89 0.20 0.00	44.82 0.36 0.00	46.60 0.32 0.00	43.38 0.36 0.00	42.38 0.50 0.20	40.50 0.38 0.00	45.00 0.62 0.00	42.60 0.64 0.00	43.51 0.71 0.00	41.74 0.59 0.00	45.28 0.45 0.00	41.04 0.47 0.00	34.96 0.26 0.00
ROARING___BROOK_WT_PWR 323790	26.46 -0.73 0.00	26.22 -0.81 0.00	29.06 -1.03 0.00	26.15 -1.02 0.00	27.54 -1.10 0.00	27.73 -1.07 0.00	35.01 -1.38 0.00	259.32 -9.13 0.00	83.23 -2.83 0.00	44.76 -1.38 0.00	42.32 -1.15 0.00	45.44 -1.25 0.00	43.37 -1.09 0.00	45.53 -0.75 0.00	42.30 -0.72 0.00	41.16 -0.93 0.00	39.41 -0.71 0.00	43.66 -0.72 0.00	41.13 -0.84 0.00	41.89 -0.91 0.00	40.18 -0.97 0.00	43.82 -1.01 0.00	39.69 -0.87 0.00	33.83 -0.87 0.00

ROCHESRG_115KV_T4 355643	27.09 -0.10 0.00	26.79 -0.24 0.00	30.02 -0.07 0.00	27.17 0.00 0.00	28.68 0.04 0.00	28.97 0.17 0.00	36.52 0.13 0.00	263.13 -5.33 0.00	85.52 -0.53 0.00	45.89 -0.25 0.00	42.99 -0.48 0.00	46.35 -0.35 0.00	44.06 -0.40 0.00	45.99 -0.29 0.00	42.58 -0.44 0.00	41.71 -0.37 0.00	39.32 -0.81 0.00	43.45 -0.92 0.00	40.89 -1.07 0.00	42.11 -0.69 0.00	40.36 -0.79 0.00	43.78 -1.05 0.00	39.74 -0.82 0.00	34.32 -0.38 0.00
ROCHESTER_9_IC 23652	27.26 0.06 0.00	26.94 -0.08 0.00	30.18 0.09 0.00	27.32 0.16 0.00	28.84 0.20 0.00	29.14 0.34 0.00	36.75 0.35 0.00	264.92 -3.54 0.00	86.12 0.07 0.00	46.22 0.07 0.00	43.30 -0.17 0.00	46.67 -0.02 0.00	44.36 -0.10 0.00	46.31 0.03 0.00	42.87 -0.15 0.00	42.01 -0.08 0.00	39.58 -0.54 0.00	43.76 -0.62 0.00	41.18 -0.78 0.00	42.41 -0.39 0.00	40.63 -0.53 0.00	44.06 -0.78 0.00	39.98 -0.59 0.00	34.51 -0.20 0.00
ROCKVIEW_13_KV_LD 356306	28.69 1.49 0.00	28.51 1.48 0.00	31.53 1.44 0.00	28.41 1.24 0.00	29.94 1.30 0.00	30.25 1.42 -0.03	38.42 2.03 0.00	276.06 7.60 0.00	88.70 2.65 0.00	47.42 1.28 0.00	44.48 1.00 0.00	47.84 1.16 0.00	45.87 1.41 0.00	47.90 1.62 0.00	44.70 1.68 0.00	44.10 1.79 -0.22	41.61 1.49 0.00	46.11 1.73 0.00	43.66 1.69 0.00	44.48 1.69 0.00	42.52 1.37 0.00	46.16 1.32 0.00	42.00 1.43 0.00	35.78 1.08 0.00
ROME____115KV_TB2 80656	27.78 0.59 0.00	27.60 0.57 0.00	30.77 0.68 0.00	27.86 0.69 0.00	29.30 0.66 0.00	29.56 0.76 0.00	37.53 1.14 0.00	278.98 10.52 0.00	89.47 3.42 0.00	47.88 1.73 0.00	44.99 1.52 0.00	48.29 1.60 0.00	45.97 1.51 0.00	48.07 1.79 0.00	44.57 1.55 0.00	43.63 1.54 0.00	41.77 1.65 0.00	46.38 2.00 0.00	43.86 1.90 0.00	44.81 2.01 0.00	42.91 1.76 0.00	46.57 1.74 0.00	42.05 1.48 0.00	35.75 1.05 0.00
ROSETON___1 23587	28.30 1.10 0.00	28.15 1.12 0.00	31.18 1.09 0.00	28.10 0.93 0.00	29.62 0.98 0.00	29.83 1.04 0.00	37.86 1.47 0.00	273.26 4.80 0.00	87.69 1.64 0.00	46.86 0.72 0.00	44.03 0.55 0.00	47.34 0.65 0.00	45.34 0.87 0.00	47.31 1.03 0.00	44.12 1.10 0.00	43.49 1.19 -0.20	41.09 0.96 0.00	45.54 1.16 0.00	43.11 1.15 0.00	43.96 1.17 0.00	42.07 0.92 0.00	45.69 0.86 0.00	41.54 0.97 0.00	35.41 0.70 0.00
ROSETON___2 23588	28.30 1.10 0.00	28.15 1.12 0.00	31.18 1.09 0.00	28.10 0.93 0.00	29.62 0.98 0.00	29.83 1.04 0.00	37.86 1.47 0.00	273.26 4.80 0.00	87.69 1.64 0.00	46.86 0.72 0.00	44.03 0.55 0.00	47.34 0.65 0.00	45.34 0.87 0.00	47.31 1.03 0.00	44.12 1.10 0.00	43.49 1.19 -0.20	41.09 0.96 0.00	45.54 1.16 0.00	43.11 1.15 0.00	43.96 1.17 0.00	42.07 0.92 0.00	45.69 0.86 0.00	41.54 0.97 0.00	35.41 0.70 0.00
ROTRRDAM_115KV_TB3 80664	28.06 0.87 0.00	27.96 0.93 0.00	31.12 1.03 0.00	28.08 0.92 0.00	29.61 0.97 0.00	29.90 0.94 -0.15	37.64 1.25 0.00	275.07 6.62 0.00	87.97 1.92 0.00	46.99 0.85 0.00	44.26 0.79 0.00	47.51 0.81 0.00	45.35 0.89 0.00	47.10 0.82 0.00	43.82 0.79 0.00	42.89 0.97 0.17	41.02 0.90 0.00	45.54 1.17 0.00	43.14 1.17 0.00	44.05 1.26 0.00	42.27 1.12 0.00	45.90 1.06 0.00	41.58 1.01 0.00	35.47 0.76 0.00
RUSSELL___1 23602	27.39 0.20 0.00	27.07 0.05 0.00	30.32 0.23 0.00	27.44 0.27 0.00	28.97 0.33 0.00	29.28 0.48 0.00	36.93 0.54 0.00	266.26 -2.19 0.00	86.59 0.54 0.00	46.47 0.33 0.00	43.53 0.06 0.00	46.94 0.25 0.00	44.60 0.14 0.00	46.56 0.28 0.00	43.11 0.08 0.00	42.24 0.15 0.00	39.81 -0.31 0.00	44.01 -0.37 0.00	41.42 -0.54 0.00	42.66 -0.14 0.00	40.85 -0.30 0.00	44.29 -0.54 0.00	40.17 -0.40 0.00	34.66 -0.05 0.00
RUSSELL___2 23532	27.39 0.20 0.00	27.07 0.05 0.00	30.32 0.23 0.00	27.44 0.27 0.00	28.97 0.33 0.00	29.28 0.48 0.00	36.93 0.54 0.00	266.26 -2.19 0.00	86.59 0.54 0.00	46.47 0.33 0.00	43.53 0.06 0.00	46.94 0.25 0.00	44.60 0.14 0.00	46.56 0.28 0.00	43.11 0.08 0.00	42.24 0.15 0.00	39.81 -0.31 0.00	44.01 -0.37 0.00	41.42 -0.54 0.00	42.66 -0.14 0.00	40.85 -0.30 0.00	44.29 -0.54 0.00	40.17 -0.40 0.00	34.66 -0.05 0.00
RUSSELL___3 23549	27.39 0.20 0.00	27.07 0.05 0.00	30.32 0.23 0.00	27.44 0.27 0.00	28.97 0.33 0.00	29.28 0.48 0.00	36.93 0.54 0.00	266.26 -2.19 0.00	86.59 0.54 0.00	46.47 0.33 0.00	43.53 0.06 0.00	46.94 0.25 0.00	44.60 0.14 0.00	46.56 0.28 0.00	43.11 0.08 0.00	42.24 0.15 0.00	39.81 -0.31 0.00	44.01 -0.37 0.00	41.42 -0.54 0.00	42.66 -0.14 0.00	40.85 -0.30 0.00	44.29 -0.54 0.00	40.17 -0.40 0.00	34.66 -0.05 0.00
RUSSELL___4 23556	27.39 0.20 0.00	27.07 0.05 0.00	30.32 0.23 0.00	27.44 0.27 0.00	28.97 0.33 0.00	29.28 0.48 0.00	36.93 0.54 0.00	266.26 -2.19 0.00	86.59 0.54 0.00	46.47 0.33 0.00	43.53 0.06 0.00	46.94 0.25 0.00	44.60 0.14 0.00	46.56 0.28 0.00	43.11 0.08 0.00	42.24 0.15 0.00	39.81 -0.31 0.00	44.01 -0.37 0.00	41.42 -0.54 0.00	42.66 -0.14 0.00	40.85 -0.30 0.00	44.29 -0.54 0.00	40.17 -0.40 0.00	34.66 -0.05 0.00
RUSSELL___STATION 23914	27.39 0.20 0.00	27.07 0.05 0.00	30.32 0.23 0.00	27.44 0.27 0.00	28.97 0.33 0.00	29.28 0.48 0.00	36.93 0.54 0.00	266.26 -2.19 0.00	86.59 0.54 0.00	46.47 0.33 0.00	43.53 0.06 0.00	46.94 0.25 0.00	44.60 0.14 0.00	46.56 0.28 0.00	43.11 0.08 0.00	42.24 0.15 0.00	39.81 -0.31 0.00	44.01 -0.37 0.00	41.42 -0.54 0.00	42.66 -0.14 0.00	40.85 -0.30 0.00	44.29 -0.54 0.00	40.17 -0.40 0.00	34.66 -0.05 0.00
S SALMON___HYD 24043	26.82 -0.37 0.00	26.64 -0.39 0.00	29.73 -0.36 0.00	26.86 -0.31 0.00	28.29 -0.35 0.00	28.54 -0.26 0.00	36.11 -0.28 0.00	271.14 2.68 0.00	88.23 2.18 0.00	47.30 1.16 0.00	44.38 0.91 0.00	47.82 1.13 0.00	45.44 0.98 0.00	47.18 0.90 0.00	43.57 0.55 0.00	42.40 0.31 0.00	40.92 0.80 0.00	45.27 0.89 0.00	42.83 0.87 0.00	43.75 0.95 0.00	41.87 0.72 0.00	45.81 0.97 0.00	41.49 0.93 0.00	35.25 0.54 0.00
S.PERRY__115KV_TB1 80734	27.81 0.61 0.00	27.45 0.42 0.00	30.88 0.79 0.00	27.97 0.80 0.00	29.49 0.85 0.00	29.85 1.05 0.00	37.85 1.46 0.00	274.46 6.00 0.00	88.52 2.47 0.00	47.38 1.24 0.00	44.20 0.73 0.00	47.58 0.89 0.00	44.78 0.32 0.00	46.67 0.40 0.00	43.55 0.53 0.00	42.74 0.65 0.00	40.37 0.25 0.00	44.93 0.55 0.00	42.33 0.37 0.00	43.72 0.92 0.00	41.81 0.66 0.00	45.25 0.42 0.00	40.96 0.39 0.00	35.34 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	26.99 -0.20 0.00	26.63 -0.40 0.00	30.01 -0.08 0.00	27.25 0.08 0.00	28.77 0.13 0.00	29.08 0.28 0.00	36.50 0.11 0.00	258.37 -10.09 0.00	84.03 -2.02 0.00	45.10 -1.04 0.00	42.16 -1.31 0.00	45.54 -1.15 0.00	43.31 -1.15 0.00	45.27 -1.01 0.00	41.86 -1.16 0.00	41.06 -1.03 0.00	38.47 -1.65 0.00	42.44 -1.94 0.00	39.85 -2.11 0.00	41.23 -1.57 0.00	39.58 -1.58 0.00	42.99 -1.84 0.00	39.13 -1.43 0.00	34.02 -0.68 0.00

SAWYER___23_KV_LOAD 55526	26.99 -0.20 0.00	26.63 -0.40 0.00	30.01 -0.08 0.00	27.25 0.08 0.00	28.77 0.13 0.00	29.08 0.28 0.00	36.50 0.11 0.00	258.37 -10.09 0.00	84.03 -2.02 0.00	45.10 -1.04 0.00	42.16 -1.31 0.00	45.54 -1.15 0.00	43.31 -1.15 0.00	45.27 -1.01 0.00	41.86 -1.16 0.00	41.06 -1.03 0.00	38.47 -1.65 0.00	42.44 -1.94 0.00	39.85 -2.11 0.00	41.23 -1.57 0.00	39.58 -1.58 0.00	42.99 -1.84 0.00	39.13 -1.43 0.00	34.02 -0.68 0.00
SELKIRK___I 23801	27.83 0.64 0.00	27.77 0.74 0.00	30.94 0.85 0.00	27.94 0.78 0.00	29.46 0.82 0.00	29.09 0.79 0.50	37.35 0.96 0.00	272.74 4.28 0.00	87.14 1.08 0.00	46.52 0.38 0.00	43.86 0.40 0.00	47.04 0.35 0.00	44.89 0.43 0.00	46.64 0.36 0.00	43.36 0.34 0.00	42.46 0.50 0.13	40.61 0.49 0.00	45.15 0.77 0.00	42.79 0.82 0.00	43.72 0.92 0.00	41.94 0.79 0.00	45.56 0.73 0.00	41.27 0.70 0.00	35.20 0.50 0.00
SELKIRK___II 23799	27.74 0.55 0.00	27.66 0.63 0.00	30.79 0.70 0.00	27.78 0.62 0.00	29.30 0.66 0.00	28.68 0.64 0.76	37.20 0.81 0.00	271.24 2.79 0.00	86.73 0.68 0.00	46.30 0.16 0.00	43.64 0.17 0.00	46.84 0.15 0.00	44.76 0.29 0.00	46.54 0.26 0.00	43.31 0.29 0.00	42.33 0.41 0.17	40.46 0.33 0.00	44.95 0.58 0.00	42.57 0.61 0.00	43.48 0.68 0.00	41.71 0.56 0.00	45.28 0.45 0.00	41.03 0.46 0.00	34.97 0.26 0.00
SENECA OSWGO___HYD 24041	26.73 -0.46 0.00	26.53 -0.49 0.00	29.62 -0.47 0.00	26.77 -0.40 0.00	28.24 -0.40 0.00	28.45 -0.35 0.00	35.92 -0.47 0.00	270.19 1.74 0.00	88.29 2.23 0.00	47.35 1.21 0.00	44.48 1.01 0.00	47.83 1.14 0.00	45.51 1.04 0.00	47.31 1.03 0.00	43.79 0.76 0.00	42.74 0.65 0.00	40.82 0.70 0.00	45.23 0.85 0.00	42.78 0.81 0.00	43.69 0.89 0.00	41.89 0.74 0.00	45.71 0.87 0.00	41.40 0.83 0.00	35.34 0.64 0.00
SENECA___115KV_TB3 355854	27.22 0.02 0.00	26.85 -0.17 0.00	30.30 0.21 0.00	27.54 0.37 0.00	29.06 0.41 0.00	29.38 0.58 0.00	36.96 0.57 0.00	263.03 -5.42 0.00	85.21 -0.85 0.00	45.76 -0.38 0.00	42.81 -0.67 0.00	46.27 -0.41 0.00	43.97 -0.50 0.00	45.98 -0.30 0.00	42.57 -0.46 0.00	41.75 -0.33 0.00	39.14 -0.99 0.00	43.18 -1.20 0.00	40.55 -1.42 0.00	41.91 -0.89 0.00	40.23 -0.92 0.00	43.66 -1.18 0.00	39.69 -0.88 0.00	34.47 -0.24 0.00
SENECA___ENERGY 23797	26.96 -0.23 0.00	26.69 -0.34 0.00	29.94 -0.15 0.00	27.11 -0.06 0.00	28.63 -0.01 0.00	28.92 0.12 0.00	36.58 0.18 0.00	270.72 2.26 0.00	86.78 0.73 0.00	46.44 0.30 0.00	43.56 0.09 0.00	46.91 0.22 0.00	44.59 0.13 0.00	46.55 0.27 0.00	43.24 0.22 0.00	42.35 0.26 0.00	40.17 0.05 0.00	44.43 0.05 0.00	41.92 -0.04 0.00	42.92 0.12 0.00	41.14 -0.02 0.00	44.60 -0.23 0.00	40.31 -0.25 0.00	34.61 -0.09 0.00
SHOEMAKER___GT 23640	28.17 0.98 0.00	28.01 0.98 0.00	31.06 0.97 0.00	27.99 0.83 0.00	29.50 0.86 0.00	29.72 0.92 0.00	37.73 1.33 0.00	273.18 4.72 0.00	87.65 1.59 0.00	46.81 0.67 0.00	43.99 0.51 0.00	47.36 0.67 0.00	45.33 0.87 0.00	47.29 1.01 0.00	44.05 1.03 0.00	43.41 1.14 -0.18	41.05 0.93 0.00	45.50 1.12 0.00	43.05 1.09 0.00	43.93 1.13 0.00	42.06 0.91 0.00	45.67 0.84 0.00	41.53 0.96 0.00	35.42 0.72 0.00
SHOEMAKR_138KV_BK 111 55601	28.17 0.98 0.00	28.01 0.98 0.00	31.06 0.96 0.00	27.98 0.82 0.00	29.50 0.85 0.00	29.72 0.92 0.00	37.72 1.33 0.00	273.02 4.56 0.00	87.64 1.59 0.00	46.80 0.66 0.00	43.98 0.51 0.00	47.35 0.66 0.00	45.31 0.85 0.00	47.28 1.00 0.00	44.04 1.02 0.00	43.41 1.14 -0.18	41.04 0.92 0.00	45.48 1.10 0.00	43.03 1.07 0.00	43.90 1.10 0.00	42.02 0.88 0.00	45.64 0.81 0.00	41.52 0.95 0.00	35.40 0.70 0.00
SHOREHAM_IC_1 23715	27.95 0.75 0.00	27.83 0.80 0.00	30.81 0.72 0.00	28.02 0.85 0.00	35.26 0.92 -5.70	30.93 0.72 -1.40	37.54 1.15 -0.01	216.06 -10.67 41.72	82.17 -3.18 0.70	45.36 -0.78 0.00	39.38 -1.38 2.71	42.60 -1.51 2.57	39.65 -1.15 3.67	39.58 -0.73 5.97	40.51 -0.13 2.38	42.63 0.32 -0.22	39.98 -0.14 0.00	44.14 -0.24 0.00	41.97 0.01 0.00	43.01 0.21 0.00	40.88 -0.27 0.00	44.66 -0.40 -0.23	40.67 0.10 0.00	34.27 -0.43 0.00
SHOREHAM_IC_2 23716	27.95 0.75 0.00	27.83 0.80 0.00	30.81 0.72 0.00	28.02 0.85 0.00	35.26 0.92 -5.70	30.93 0.72 -1.40	37.54 1.15 -0.01	216.06 -10.67 41.72	82.17 -3.18 0.70	45.36 -0.78 0.00	39.38 -1.38 2.71	42.60 -1.51 2.57	39.65 -1.15 3.67	39.58 -0.73 5.97	40.51 -0.13 2.38	42.63 0.32 -0.22	39.98 -0.14 0.00	44.14 -0.24 0.00	41.97 0.01 0.00	43.01 0.21 0.00	40.88 -0.27 0.00	44.66 -0.40 -0.23	40.67 0.10 0.00	34.27 -0.43 0.00
SISSONVILLE____ 23735	27.01 -0.19 0.00	26.74 -0.29 0.00	29.64 -0.45 0.00	26.75 -0.42 0.00	28.15 -0.49 0.00	28.31 -0.49 0.00	35.84 -0.55 0.00	265.01 -3.44 0.00	85.35 -0.70 0.00	45.99 -0.15 0.00	43.53 0.05 0.00	46.67 -0.02 0.00	44.10 -0.36 0.00	45.83 -0.45 0.00	42.38 -0.64 0.00	40.80 -1.28 0.00	39.37 -0.75 0.00	43.68 -0.70 0.00	41.26 -0.70 0.00	42.07 -0.72 0.00	40.51 -0.64 0.00	44.69 -0.14 0.00	40.66 0.09 0.00	34.79 0.09 0.00
SITHE_IND_GS1 24169	26.43 -0.77 0.00	26.24 -0.79 0.00	29.28 -0.81 0.00	26.47 -0.70 0.00	27.91 -0.73 0.00	28.11 -0.70 0.00	35.45 -0.95 0.00	264.59 -3.87 0.00	84.94 -1.12 0.00	45.63 -0.51 0.00	42.97 -0.51 0.00	46.19 -0.50 0.00	43.98 -0.48 0.00	45.81 -0.47 0.00	42.58 -0.44 0.00	41.68 -0.41 0.00	39.71 -0.41 0.00	43.94 -0.44 0.00	41.56 -0.40 0.00	42.41 -0.39 0.00	40.72 -0.43 0.00	44.25 -0.59 0.00	40.06 -0.51 0.00	34.27 -0.43 0.00
SITHE_IND_GS2 24170	26.43 -0.77 0.00	26.24 -0.79 0.00	29.28 -0.81 0.00	26.47 -0.70 0.00	27.91 -0.73 0.00	28.11 -0.70 0.00	35.45 -0.95 0.00	264.59 -3.87 0.00	84.94 -1.12 0.00	45.63 -0.51 0.00	42.97 -0.51 0.00	46.19 -0.50 0.00	43.98 -0.48 0.00	45.81 -0.47 0.00	42.58 -0.44 0.00	41.68 -0.41 0.00	39.71 -0.41 0.00	43.94 -0.44 0.00	41.56 -0.40 0.00	42.41 -0.39 0.00	40.72 -0.43 0.00	44.25 -0.59 0.00	40.06 -0.51 0.00	34.27 -0.43 0.00
SITHE_IND_GS3 24171	26.43 -0.77 0.00	26.24 -0.79 0.00	29.28 -0.81 0.00	26.47 -0.70 0.00	27.91 -0.73 0.00	28.11 -0.70 0.00	35.45 -0.95 0.00	264.59 -3.87 0.00	84.94 -1.12 0.00	45.63 -0.51 0.00	42.97 -0.51 0.00	46.19 -0.50 0.00	43.98 -0.48 0.00	45.81 -0.47 0.00	42.58 -0.44 0.00	41.68 -0.41 0.00	39.71 -0.41 0.00	43.94 -0.44 0.00	41.56 -0.40 0.00	42.41 -0.39 0.00	40.72 -0.43 0.00	44.25 -0.59 0.00	40.06 -0.51 0.00	34.27 -0.43 0.00
SITHE_IND_GS4 24172	26.43 -0.77 0.00	26.24 -0.79 0.00	29.28 -0.81 0.00	26.47 -0.70 0.00	27.91 -0.73 0.00	28.11 -0.70 0.00	35.45 -0.95 0.00	264.59 -3.87 0.00	84.94 -1.12 0.00	45.63 -0.51 0.00	42.97 -0.51 0.00	46.19 -0.50 0.00	43.98 -0.48 0.00	45.81 -0.47 0.00	42.58 -0.44 0.00	41.68 -0.41 0.00	39.71 -0.41 0.00	43.94 -0.44 0.00	41.56 -0.40 0.00	42.41 -0.39 0.00	40.72 -0.43 0.00	44.25 -0.59 0.00	40.06 -0.51 0.00	34.27 -0.43 0.00

SITHE____BATAVIA 24024	27.77 0.58 0.00	27.39 0.36 0.00	30.78 0.69 0.00	27.90 0.74 0.00	29.47 0.83 0.00	29.82 1.02 0.00	37.58 1.19 0.00	268.23 -0.22 0.00	87.40 1.34 0.00	46.93 0.79 0.00	43.91 0.44 0.00	47.34 0.65 0.00	44.98 0.51 0.00	46.95 0.67 0.00	43.32 0.30 0.00	42.44 0.36 0.00	39.89 -0.23 0.00	44.14 -0.24 0.00	41.47 -0.50 0.00	42.88 0.09 0.00	41.05 -0.10 0.00	44.46 -0.38 0.00	40.38 -0.19 0.00	35.01 0.31 0.00
SITHE____INDEPEND 23800	26.43 -0.77 0.00	26.25 -0.78 0.00	29.28 -0.81 0.00	26.47 -0.70 0.00	27.91 -0.73 0.00	28.10 -0.70 0.00	35.45 -0.95 0.00	264.58 -3.87 0.00	84.93 -1.12 0.00	45.63 -0.51 0.00	42.97 -0.51 0.00	46.19 -0.50 0.00	43.98 -0.48 0.00	45.81 -0.47 0.00	42.58 -0.44 0.00	41.68 -0.41 0.00	39.71 -0.41 0.00	43.94 -0.44 0.00	41.56 -0.40 0.00	42.41 -0.39 0.00	40.72 -0.43 0.00	44.25 -0.59 0.00	40.06 -0.51 0.00	34.27 -0.43 0.00
SITHE____MASSENA 23902	27.09 -0.10 0.00	26.82 -0.20 0.00	29.74 -0.35 0.00	26.84 -0.33 0.00	28.27 -0.37 0.00	28.40 -0.40 0.00	35.89 -0.50 0.00	264.44 -4.02 0.00	85.11 -0.94 0.00	45.86 -0.28 0.00	43.38 -0.09 0.00	46.51 -0.18 0.00	44.12 -0.35 0.00	45.86 -0.41 0.00	42.50 -0.52 0.00	41.34 -0.75 0.00	39.68 -0.44 0.00	43.95 -0.42 0.00	41.48 -0.48 0.00	42.28 -0.52 0.00	40.73 -0.42 0.00	44.61 -0.23 0.00	40.49 -0.08 0.00	34.74 0.04 0.00
SITHE____OGDNSBRG 24021	27.49 0.30 0.00	27.20 0.17 0.00	30.16 0.07 0.00	27.22 0.05 0.00	28.66 0.02 0.00	28.82 0.02 0.00	36.53 0.14 0.00	269.47 1.01 0.00	86.65 0.60 0.00	46.65 0.51 0.00	44.15 0.68 0.00	47.28 0.59 0.00	44.74 0.28 0.00	46.44 0.17 0.00	42.93 -0.09 0.00	41.49 -0.59 0.00	39.97 -0.15 0.00	44.43 0.05 0.00	42.04 0.08 0.00	42.99 0.19 0.00	41.39 0.24 0.00	45.41 0.58 0.00	41.21 0.64 0.00	35.30 0.60 0.00
SITHE____STERLING 23777	27.63 0.44 0.00	27.44 0.41 0.00	30.64 0.55 0.00	27.71 0.54 0.00	29.19 0.55 0.00	29.43 0.63 0.00	37.32 0.93 0.00	277.26 8.80 0.00	88.79 2.74 0.00	47.51 1.37 0.00	44.68 1.21 0.00	47.93 1.25 0.00	45.64 1.18 0.00	47.67 1.40 0.00	44.25 1.23 0.00	43.36 1.27 0.00	41.42 1.29 0.00	45.94 1.56 0.00	43.47 1.51 0.00	44.37 1.57 0.00	42.52 1.37 0.00	46.17 1.34 0.00	41.70 1.14 0.00	35.52 0.82 0.00
SLEIGHT__34_KV_TB1 80719	27.03 -0.17 0.00	26.74 -0.29 0.00	29.93 -0.16 0.00	27.07 -0.09 0.00	28.61 -0.03 0.00	28.91 0.11 0.00	36.55 0.15 0.00	266.77 -1.69 0.00	86.34 0.29 0.00	46.29 0.15 0.00	43.39 -0.08 0.00	46.78 0.09 0.00	44.46 0.00 0.00	46.37 0.09 0.00	43.01 -0.01 0.00	42.13 0.04 0.00	39.85 -0.27 0.00	44.07 -0.31 0.00	41.52 -0.44 0.00	42.65 -0.15 0.00	40.84 -0.31 0.00	44.27 -0.57 0.00	40.10 -0.47 0.00	34.45 -0.25 0.00
SOUTH CAIRO____GT 23612	28.50 1.30 0.00	28.42 1.39 0.00	31.68 1.59 0.00	28.61 1.45 0.00	30.19 1.55 0.00	29.81 1.57 0.56	38.47 2.08 0.00	281.51 13.05 0.00	90.21 4.16 0.00	48.04 1.90 0.00	45.16 1.69 0.00	48.49 1.80 0.00	46.19 1.73 0.00	47.79 1.51 0.00	44.30 1.27 0.00	43.37 1.37 0.09	41.68 1.56 0.00	46.73 2.35 0.00	44.46 2.50 0.00	45.54 2.74 0.00	43.63 2.48 0.00	47.19 2.35 0.00	42.51 1.94 0.00	36.15 1.45 0.00
SOUTH HAMPTN____IC 23720	28.08 0.89 0.00	27.96 0.93 0.00	30.90 0.81 0.00	28.09 0.93 0.00	35.37 1.03 -5.70	31.06 0.86 -1.40	37.74 1.34 -0.01	216.87 -9.89 41.70	82.21 -2.85 0.99	45.67 -0.47 0.00	36.55 -1.12 5.80	39.96 -1.23 5.49	35.83 -0.81 7.83	33.16 -0.38 12.74	38.13 0.18 5.07	42.90 0.59 -0.22	40.24 0.12 0.00	44.36 -0.01 0.00	42.22 0.25 0.00	43.23 0.44 0.00	41.13 -0.02 0.00	44.93 -0.14 -0.23	40.88 0.31 0.00	34.40 -0.30 0.00
SOUTHDOW_115KV_TB1 355954	27.52 0.33 0.00	27.16 0.13 0.00	30.86 0.77 0.00	28.09 0.92 0.00	29.74 1.10 0.00	29.98 1.18 0.00	37.99 1.59 0.00	274.01 5.56 0.00	87.96 1.91 0.00	47.55 1.40 0.00	44.05 0.58 0.00	47.65 0.96 0.00	45.35 0.89 0.00	47.57 1.29 0.00	44.06 1.04 0.00	43.20 1.11 0.00	40.51 0.39 0.00	44.71 0.33 0.00	42.00 0.04 0.00	43.84 1.05 0.00	42.12 0.97 0.00	45.67 0.83 0.00	41.30 0.74 0.00	35.67 0.97 0.00
SOUTHOLD_69_KV_BK 2 55809	28.03 0.83 0.00	27.91 0.88 0.00	30.71 0.62 0.00	27.94 0.77 0.00	35.27 0.92 -5.70	30.96 0.76 -1.40	37.64 1.24 -0.01	210.84 -15.91 41.70	80.67 -4.38 1.01	45.59 -0.55 0.00	36.26 -1.28 5.93	39.64 -1.43 5.62	35.54 -0.91 8.01	32.79 -0.45 13.04	37.98 0.15 5.19	42.78 0.47 -0.22	40.19 0.07 0.00	44.18 -0.20 0.00	42.14 0.18 0.00	43.10 0.30 0.00	41.09 -0.06 0.00	44.93 -0.13 -0.23	40.82 0.25 0.00	34.23 -0.47 0.00
SOUTHOLD____IC 23719	28.03 0.83 0.00	27.91 0.88 0.00	30.72 0.63 0.00	27.94 0.77 0.00	35.27 0.92 -5.70	30.96 0.76 -1.40	37.64 1.24 -0.01	210.84 -15.91 41.70	80.67 -4.38 1.01	45.59 -0.55 0.00	36.26 -1.28 5.93	39.64 -1.42 5.62	35.54 -0.91 8.01	32.79 -0.44 13.04	37.98 0.14 5.19	42.78 0.47 -0.22	40.19 0.07 0.00	44.18 -0.20 0.00	42.14 0.18 0.00	43.10 0.30 0.00	41.09 -0.06 0.00	44.93 -0.13 -0.23	40.82 0.25 0.00	34.23 -0.47 0.00
SOUTH_FORK_WT_PWR 323839	27.74 0.55 0.00	27.63 0.60 0.00	30.31 0.22 0.00	27.59 0.42 0.00	34.93 0.59 -5.70	30.60 0.40 -1.40	37.18 0.78 -0.01	210.46 -16.30 41.70	80.38 -4.67 1.00	45.04 -1.10 0.00	35.75 -1.86 5.86	39.08 -2.06 5.55	35.12 -1.43 7.91	32.43 -0.97 12.88	37.56 -0.33 5.13	42.23 -0.08 -0.22	39.70 -0.42 0.00	43.52 -0.86 0.00	41.58 -0.38 0.00	42.48 -0.32 0.00	40.60 -0.55 0.00	44.46 -0.61 -0.23	40.36 -0.21 0.00	33.79 -0.91 0.00
SPIERFLS_115KV_TB 1 80737	28.91 1.72 0.00	28.80 1.78 0.00	31.98 1.89 0.00	28.90 1.73 0.00	30.51 1.87 0.00	30.96 1.93 -0.23	38.98 2.59 0.00	284.08 15.62 0.00	90.78 4.73 0.00	48.31 2.17 0.00	45.64 2.17 0.00	48.91 2.22 0.00	46.71 2.24 0.00	48.44 2.16 0.00	45.09 2.07 0.00	44.18 2.30 0.21	42.35 2.23 0.00	47.19 2.82 0.00	44.81 2.85 0.00	45.76 2.96 0.00	43.82 2.67 0.00	47.34 2.50 0.00	42.76 2.19 0.00	36.37 1.67 0.00
ST LAWRENCE____ 23600	26.80 -0.39 0.00	26.55 -0.47 0.00	29.45 -0.64 0.00	26.58 -0.59 0.00	28.00 -0.64 0.00	28.12 -0.68 0.00	35.51 -0.88 0.00	262.00 -6.46 0.00	84.16 -1.89 0.00	45.34 -0.80 0.00	42.88 -0.59 0.00	45.99 -0.70 0.00	43.66 -0.80 0.00	45.40 -0.88 0.00	42.11 -0.91 0.00	41.05 -1.04 0.00	39.37 -0.75 0.00	43.56 -0.82 0.00	41.10 -0.86 0.00	41.88 -0.92 0.00	40.36 -0.79 0.00	44.13 -0.71 0.00	40.03 -0.54 0.00	34.35 -0.35 0.00
STATE_CA_115KV_115_LB 55624	27.82 0.63 0.00	27.74 0.71 0.00	30.86 0.77 0.00	27.84 0.67 0.00	29.37 0.72 0.00	29.62 0.72 -0.09	37.32 0.93 0.00	271.80 3.34 0.00	86.97 0.91 0.00	46.44 0.30 0.00	43.79 0.32 0.00	47.01 0.32 0.00	44.93 0.46 0.00	46.72 0.44 0.00	43.49 0.47 0.00	42.52 0.62 0.20	40.63 0.51 0.00	45.13 0.75 0.00	42.72 0.76 0.00	43.62 0.82 0.00	41.83 0.68 0.00	45.38 0.55 0.00	41.12 0.55 0.00	35.03 0.32 0.00

STATE_ST_34_KV_LOAD 55959	27.15 -0.04 0.00	26.90 -0.13 0.00	30.10 0.01 0.00	27.23 0.06 0.00	28.86 0.21 0.00	29.14 0.34 0.00	36.80 0.41 0.00	273.42 4.96 0.00	87.91 1.86 0.00	46.99 0.85 0.00	44.00 0.53 0.00	47.55 0.86 0.00	45.19 0.72 0.00	47.09 0.81 0.00	43.80 0.77 0.00	42.85 0.77 0.00	40.76 0.63 0.00	45.15 0.77 0.00	42.63 0.67 0.00	43.59 0.79 0.00	41.82 0.67 0.00	45.35 0.51 0.00	41.04 0.47 0.00	35.02 0.31 0.00
STATION 5_MISC_HYD 23604	27.26 0.07 0.00	26.95 -0.08 0.00	30.18 0.10 0.00	27.33 0.16 0.00	28.85 0.20 0.00	29.14 0.34 0.00	36.74 0.35 0.00	264.91 -3.55 0.00	86.10 0.05 0.00	46.22 0.07 0.00	43.29 -0.18 0.00	46.67 -0.02 0.00	44.36 -0.11 0.00	46.30 0.03 0.00	42.87 -0.15 0.00	42.01 -0.08 0.00	39.58 -0.54 0.00	43.76 -0.62 0.00	41.18 -0.79 0.00	42.40 -0.39 0.00	40.62 -0.53 0.00	44.05 -0.79 0.00	39.99 -0.58 0.00	34.51 -0.19 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.28 0.09 0.00	26.99 -0.04 0.00	30.24 0.15 0.00	27.38 0.21 0.00	28.91 0.27 0.00	29.22 0.42 0.00	36.93 0.54 0.00	269.73 1.28 0.00	87.17 1.12 0.00	46.74 0.60 0.00	43.83 0.36 0.00	47.24 0.55 0.00	44.87 0.41 0.00	46.83 0.55 0.00	43.42 0.39 0.00	42.54 0.45 0.00	40.22 0.09 0.00	44.48 0.10 0.00	41.90 -0.06 0.00	43.04 0.25 0.00	41.21 0.06 0.00	44.68 -0.15 0.00	40.45 -0.12 0.00	34.82 0.11 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.10 -0.10 0.00	26.80 -0.23 0.00	30.01 -0.08 0.00	27.16 -0.01 0.00	28.66 0.02 0.00	28.96 0.15 0.00	36.53 0.14 0.00	264.02 -4.44 0.00	85.77 -0.28 0.00	46.03 -0.11 0.00	43.15 -0.32 0.00	46.51 -0.17 0.00	44.21 -0.25 0.00	46.14 -0.13 0.00	42.73 -0.29 0.00	41.87 -0.21 0.00	39.48 -0.64 0.00	43.64 -0.74 0.00	41.07 -0.90 0.00	42.28 -0.51 0.00	40.49 -0.66 0.00	43.91 -0.92 0.00	39.83 -0.74 0.00	34.36 -0.34 0.00
STA_56___34_KV_BUS2 355983	27.10 -0.10 0.00	26.80 -0.23 0.00	30.01 -0.08 0.00	27.16 -0.01 0.00	28.66 0.02 0.00	28.96 0.15 0.00	36.53 0.14 0.00	264.02 -4.44 0.00	85.77 -0.28 0.00	46.03 -0.11 0.00	43.15 -0.32 0.00	46.51 -0.17 0.00	44.21 -0.25 0.00	46.14 -0.13 0.00	42.73 -0.29 0.00	41.87 -0.21 0.00	39.48 -0.64 0.00	43.64 -0.74 0.00	41.07 -0.90 0.00	42.28 -0.51 0.00	40.49 -0.66 0.00	43.91 -0.92 0.00	39.83 -0.74 0.00	34.36 -0.34 0.00
STA_67___115KV_BK2 355882	27.18 -0.01 0.00	26.89 -0.14 0.00	30.11 0.02 0.00	27.26 0.09 0.00	28.78 0.13 0.00	29.08 0.28 0.00	36.66 0.27 0.00	264.29 -4.17 0.00	85.90 -0.15 0.00	46.09 -0.05 0.00	43.18 -0.29 0.00	46.56 -0.13 0.00	44.25 -0.22 0.00	46.18 -0.10 0.00	42.76 -0.26 0.00	41.91 -0.18 0.00	39.50 -0.63 0.00	43.64 -0.74 0.00	41.07 -0.89 0.00	42.31 -0.49 0.00	40.53 -0.62 0.00	43.95 -0.89 0.00	39.90 -0.67 0.00	34.44 -0.26 0.00
STA_7___115KV_9TRANS 80674	27.39 0.20 0.00	27.07 0.05 0.00	30.32 0.23 0.00	27.44 0.27 0.00	28.97 0.33 0.00	29.28 0.48 0.00	36.93 0.54 0.00	266.26 -2.19 0.00	86.59 0.54 0.00	46.47 0.33 0.00	43.53 0.06 0.00	46.94 0.25 0.00	44.60 0.14 0.00	46.56 0.28 0.00	43.11 0.08 0.00	42.24 0.15 0.00	39.81 -0.31 0.00	44.01 -0.37 0.00	41.42 -0.54 0.00	42.66 -0.14 0.00	40.85 -0.30 0.00	44.29 -0.54 0.00	40.17 -0.40 0.00	34.66 -0.05 0.00
STA_82___115KV_TB1 80780	27.20 0.01 0.00	26.90 -0.13 0.00	30.13 0.05 0.00	27.28 0.11 0.00	28.79 0.15 0.00	29.09 0.29 0.00	36.67 0.28 0.00	264.46 -3.99 0.00	85.95 -0.10 0.00	46.12 -0.02 0.00	43.21 -0.26 0.00	46.58 -0.11 0.00	44.28 -0.18 0.00	46.22 -0.07 0.00	42.78 -0.24 0.00	41.92 -0.17 0.00	39.51 -0.62 0.00	43.68 -0.70 0.00	41.10 -0.87 0.00	42.33 -0.47 0.00	40.55 -0.60 0.00	43.99 -0.85 0.00	39.92 -0.65 0.00	34.45 -0.25 0.00
STEEL___WIND 323596	27.19 0.00 0.00	26.83 -0.19 0.00	30.27 0.18 0.00	27.50 0.34 0.00	29.03 0.38 0.00	29.36 0.56 0.00	36.91 0.52 0.00	262.53 -5.93 0.00	85.11 -0.95 0.00	45.71 -0.43 0.00	42.76 -0.71 0.00	46.22 -0.47 0.00	43.89 -0.58 0.00	45.93 -0.35 0.00	42.51 -0.51 0.00	41.71 -0.37 0.00	39.07 -1.05 0.00	43.12 -1.26 0.00	40.48 -1.48 0.00	41.87 -0.93 0.00	40.17 -0.97 0.00	43.59 -1.24 0.00	39.66 -0.91 0.00	34.44 -0.27 0.00
STEPHTWN_115KV_BK_2 55603	27.85 0.65 0.00	27.76 0.74 0.00	30.89 0.80 0.00	27.85 0.68 0.00	29.40 0.76 0.00	28.63 0.79 0.96	37.53 1.14 0.00	272.98 4.53 0.00	87.24 1.19 0.00	46.51 0.37 0.00	43.86 0.39 0.00	47.07 0.38 0.00	45.03 0.56 0.00	46.78 0.50 0.00	43.57 0.55 0.00	42.56 0.67 0.20	40.69 0.57 0.00	45.30 0.92 0.00	42.91 0.95 0.00	43.89 1.09 0.00	42.03 0.88 0.00	45.54 0.70 0.00	41.26 0.69 0.00	35.09 0.39 0.00
STEUBEN_REC_LFGE 323667	26.94 -0.25 0.00	26.15 -0.88 0.00	29.83 -0.26 0.00	27.13 -0.04 0.00	28.36 -0.28 0.00	28.86 0.06 0.00	36.57 0.18 0.00	271.64 3.18 0.00	87.32 1.27 0.00	46.39 0.25 0.00	43.04 -0.43 0.00	46.22 -0.47 0.00	43.62 -0.85 0.00	45.93 -0.35 0.00	42.96 -0.07 0.00	42.73 0.64 0.00	40.11 -0.01 0.00	44.09 -0.29 0.00	41.66 -0.30 0.00	43.20 0.40 0.00	41.28 0.12 0.00	44.52 -0.32 0.00	40.01 -0.56 0.00	34.42 -0.28 0.00
STILLWATER___SOLAR 323814	28.67 1.47 0.00	28.59 1.56 0.00	31.80 1.72 0.00	28.70 1.53 0.00	30.28 1.64 0.00	30.74 1.66 -0.28	38.56 2.16 0.00	281.13 12.67 0.00	89.83 3.78 0.00	47.84 1.70 0.00	45.11 1.64 0.00	48.43 1.74 0.00	46.20 1.74 0.00	47.96 1.68 0.00	44.64 1.62 0.00	43.68 1.82 0.23	41.83 1.71 0.00	46.58 2.20 0.00	44.20 2.24 0.00	45.14 2.34 0.00	43.27 2.12 0.00	46.86 2.02 0.00	42.39 1.83 0.00	36.11 1.40 0.00
STONY___BROOK 24151	28.76 1.57 0.00	28.65 1.62 0.00	31.74 1.65 0.00	28.68 1.52 0.00	35.95 1.61 -5.70	31.83 1.64 -1.40	38.65 2.25 -0.01	225.20 -1.49 41.76	85.22 -0.42 0.41	46.80 0.67 0.00	44.01 0.10 -0.44	47.12 0.02 -0.41	45.41 0.36 -0.59	48.06 0.82 -0.95	44.66 1.26 -0.38	43.98 1.67 -0.22	41.20 1.08 0.00	45.52 1.14 0.00	43.19 1.23 0.00	44.26 1.46 0.00	42.07 0.92 0.00	45.98 0.92 -0.23	41.85 1.28 0.00	35.37 0.67 0.00
STURGEON_POOL_HYD 23609	28.29 1.09 0.00	28.11 1.08 0.00	31.13 1.04 0.00	28.05 0.88 0.00	29.55 0.91 0.00	29.64 0.97 0.12	37.82 1.42 0.00	272.73 4.27 0.00	87.54 1.49 0.00	46.81 0.67 0.00	43.94 0.47 0.00	47.28 0.60 0.00	45.37 0.91 0.00	47.43 1.15 0.00	44.23 1.21 0.00	43.51 1.32 -0.10	41.14 1.02 0.00	45.52 1.15 0.00	43.07 1.10 0.00	43.91 1.11 0.00	42.01 0.86 0.00	45.62 0.79 0.00	41.50 0.93 0.00	35.36 0.66 0.00
ST_LAW_115_BK7_LBMP 345037	26.80 -0.40 0.00	26.55 -0.48 0.00	29.44 -0.65 0.00	26.56 -0.60 0.00	27.98 -0.66 0.00	28.10 -0.70 0.00	35.49 -0.90 0.00	261.75 -6.71 0.00	84.07 -1.99 0.00	45.31 -0.83 0.00	42.86 -0.61 0.00	45.95 -0.74 0.00	43.62 -0.85 0.00	45.35 -0.93 0.00	42.06 -0.96 0.00	40.99 -1.10 0.00	39.31 -0.81 0.00	43.51 -0.87 0.00	41.05 -0.91 0.00	41.83 -0.97 0.00	40.30 -0.85 0.00	44.09 -0.74 0.00	40.01 -0.56 0.00	34.34 -0.37 0.00

ST_LAW_115_BK8_LBMP 345038	26.80 -0.40 0.00	26.55 -0.48 0.00	29.44 -0.65 0.00	26.56 -0.60 0.00	27.98 -0.66 0.00	28.10 -0.70 0.00	35.49 -0.90 0.00	261.75 -6.71 0.00	84.07 -1.99 0.00	45.31 -0.83 0.00	42.86 -0.61 0.00	45.95 -0.74 0.00	43.62 -0.85 0.00	45.35 -0.93 0.00	42.06 -0.96 0.00	40.99 -1.10 0.00	39.31 -0.81 0.00	43.51 -0.87 0.00	41.05 -0.91 0.00	41.83 -0.97 0.00	40.30 -0.85 0.00	44.09 -0.74 0.00	40.01 -0.56 0.00	34.34 -0.37 0.00
ST_LAW_230_BK5_LBMP 345035	26.80 -0.39 0.00	26.55 -0.47 0.00	29.45 -0.64 0.00	26.58 -0.59 0.00	28.00 -0.64 0.00	28.12 -0.68 0.00	35.51 -0.88 0.00	262.00 -6.46 0.00	84.16 -1.89 0.00	45.34 -0.80 0.00	42.88 -0.59 0.00	45.99 -0.70 0.00	43.66 -0.80 0.00	45.40 -0.88 0.00	42.11 -0.91 0.00	41.05 -1.04 0.00	39.37 -0.75 0.00	43.56 -0.82 0.00	41.10 -0.86 0.00	41.88 -0.92 0.00	40.36 -0.79 0.00	44.13 -0.71 0.00	40.03 -0.54 0.00	34.35 -0.35 0.00
ST_LAW_230_BK6_LBMP 345036	26.80 -0.39 0.00	26.55 -0.47 0.00	29.45 -0.64 0.00	26.58 -0.59 0.00	28.00 -0.64 0.00	28.12 -0.68 0.00	35.51 -0.88 0.00	262.00 -6.46 0.00	84.16 -1.89 0.00	45.34 -0.80 0.00	42.88 -0.59 0.00	45.99 -0.70 0.00	43.66 -0.80 0.00	45.40 -0.88 0.00	42.11 -0.91 0.00	41.05 -1.04 0.00	39.37 -0.75 0.00	43.56 -0.82 0.00	41.10 -0.86 0.00	41.88 -0.92 0.00	40.36 -0.79 0.00	44.13 -0.71 0.00	40.03 -0.54 0.00	34.35 -0.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.33 1.13 0.00	28.16 1.13 0.00	31.18 1.09 0.00	28.09 0.92 0.00	29.60 0.95 0.00	29.84 1.04 0.00	37.91 1.51 0.00	273.67 5.22 0.00	87.92 1.87 0.00	46.98 0.84 0.00	44.12 0.65 0.00	47.49 0.80 0.00	45.47 1.01 0.00	47.46 1.18 0.00	44.24 1.22 0.00	43.60 1.32 -0.19	41.21 1.08 0.00	45.65 1.27 0.00	43.20 1.24 0.00	44.05 1.25 0.00	42.15 1.00 0.00	45.77 0.94 0.00	41.62 1.06 0.00	35.48 0.78 0.00
SWANROAD_115KV_TB1 355699	26.66 -0.53 0.00	26.31 -0.72 0.00	29.62 -0.47 0.00	26.90 -0.27 0.00	28.39 -0.25 0.00	28.68 -0.12 0.00	35.97 -0.42 0.00	253.09 -15.37 0.00	82.60 -3.45 0.00	44.31 -1.83 0.00	41.41 -2.06 0.00	44.69 -2.00 0.00	42.52 -1.95 0.00	44.40 -1.88 0.00	41.00 -2.03 0.00	40.20 -1.88 0.00	37.65 -2.47 0.00	41.48 -2.90 0.00	38.94 -3.02 0.00	40.35 -2.44 0.00	38.74 -2.41 0.00	42.08 -2.75 0.00	38.39 -2.18 0.00	33.48 -1.22 0.00
SYNERGY___BIOGAS 323694	27.77 0.58 0.00	27.39 0.36 0.00	30.78 0.69 0.00	27.90 0.74 0.00	29.47 0.83 0.00	29.82 1.02 0.00	37.58 1.19 0.00	268.23 -0.22 0.00	87.40 1.34 0.00	46.93 0.79 0.00	43.91 0.44 0.00	47.34 0.65 0.00	44.98 0.51 0.00	46.95 0.67 0.00	43.32 0.30 0.00	42.44 0.36 0.00	39.89 -0.23 0.00	44.14 -0.24 0.00	41.47 -0.50 0.00	42.88 0.09 0.00	41.05 -0.10 0.00	44.46 -0.38 0.00	40.38 -0.19 0.00	35.01 0.31 0.00
SYRACUSE___ENERGY_ST1 323597	27.02 -0.17 0.00	26.78 -0.25 0.00	29.91 -0.18 0.00	27.03 -0.13 0.00	28.56 -0.09 0.00	28.76 -0.04 0.00	36.35 -0.04 0.00	271.75 3.29 0.00	87.41 1.35 0.00	46.77 0.63 0.00	43.97 0.50 0.00	47.32 0.63 0.00	45.03 0.57 0.00	46.90 0.62 0.00	43.55 0.53 0.00	42.61 0.52 0.00	40.61 0.49 0.00	44.96 0.59 0.00	42.52 0.56 0.00	43.40 0.60 0.00	41.63 0.48 0.00	45.26 0.42 0.00	40.95 0.38 0.00	34.99 0.29 0.00
SYRACUSE___ENERGY_ST2 323598	27.02 -0.17 0.00	26.78 -0.25 0.00	29.91 -0.18 0.00	27.03 -0.13 0.00	28.56 -0.09 0.00	28.76 -0.04 0.00	36.35 -0.04 0.00	271.75 3.29 0.00	87.41 1.35 0.00	46.77 0.63 0.00	43.97 0.50 0.00	47.32 0.63 0.00	45.03 0.57 0.00	46.90 0.62 0.00	43.55 0.53 0.00	42.61 0.52 0.00	40.61 0.49 0.00	44.96 0.59 0.00	42.52 0.56 0.00	43.40 0.60 0.00	41.63 0.48 0.00	45.26 0.42 0.00	40.95 0.38 0.00	34.99 0.29 0.00
SYRACUSE___POWER 24017	27.05 -0.14 0.00	26.84 -0.19 0.00	29.99 -0.10 0.00	27.11 -0.06 0.00	28.61 -0.04 0.00	28.82 0.02 0.00	36.43 0.04 0.00	271.71 3.26 0.00	87.17 1.12 0.00	46.71 0.57 0.00	43.96 0.49 0.00	47.27 0.59 0.00	44.98 0.52 0.00	46.87 0.59 0.00	43.54 0.51 0.00	42.62 0.53 0.00	40.59 0.47 0.00	44.94 0.56 0.00	42.50 0.54 0.00	43.39 0.59 0.00	41.62 0.47 0.00	45.22 0.39 0.00	40.92 0.35 0.00	34.99 0.28 0.00
TALLMAN___138KV_BK151 55660	28.52 1.32 0.00	28.34 1.31 0.00	31.33 1.24 0.00	28.21 1.05 0.00	29.73 1.09 0.00	29.99 1.19 0.00	38.14 1.75 0.00	274.38 5.93 0.00	88.35 2.30 0.00	47.21 1.07 0.00	44.30 0.82 0.00	47.67 0.98 0.00	45.67 1.21 0.00	47.70 1.42 0.00	44.51 1.48 0.00	43.89 1.60 -0.20	41.43 1.31 0.00	45.89 1.51 0.00	43.41 1.45 0.00	44.22 1.42 0.00	42.29 1.14 0.00	45.92 1.09 0.00	41.81 1.25 0.00	35.62 0.92 0.00
TEALLAVE_115KV_TB7 355573	26.94 -0.25 0.00	26.73 -0.29 0.00	29.88 -0.21 0.00	27.01 -0.16 0.00	28.49 -0.15 0.00	28.71 -0.10 0.00	36.26 -0.13 0.00	270.48 2.03 0.00	86.85 0.80 0.00	46.55 0.41 0.00	43.83 0.36 0.00	47.12 0.43 0.00	44.83 0.36 0.00	46.70 0.42 0.00	43.38 0.36 0.00	42.47 0.38 0.00	40.44 0.32 0.00	44.76 0.38 0.00	42.32 0.36 0.00	43.20 0.40 0.00	41.44 0.29 0.00	45.04 0.21 0.00	40.78 0.22 0.00	34.87 0.17 0.00
TELGRAPH_34_KV_EAST 80808	27.26 0.06 0.00	26.89 -0.14 0.00	30.25 0.16 0.00	27.44 0.28 0.00	28.98 0.34 0.00	29.30 0.49 0.00	36.82 0.43 0.00	260.95 -7.50 0.00	85.14 -0.92 0.00	45.69 -0.45 0.00	42.73 -0.74 0.00	46.11 -0.58 0.00	43.84 -0.62 0.00	45.78 -0.50 0.00	42.28 -0.74 0.00	41.45 -0.64 0.00	38.88 -1.24 0.00	42.93 -1.45 0.00	40.32 -1.64 0.00	41.73 -1.07 0.00	40.00 -1.15 0.00	43.38 -1.46 0.00	39.48 -1.09 0.00	34.32 -0.38 0.00
TEMPLE___115KV_TB 2 55572	26.96 -0.23 0.00	26.75 -0.28 0.00	29.90 -0.19 0.00	27.03 -0.14 0.00	28.51 -0.13 0.00	28.73 -0.07 0.00	36.30 -0.10 0.00	270.73 2.28 0.00	86.89 0.84 0.00	46.58 0.44 0.00	43.84 0.37 0.00	47.14 0.45 0.00	44.86 0.39 0.00	46.72 0.44 0.00	43.41 0.38 0.00	42.49 0.41 0.00	40.47 0.34 0.00	44.78 0.41 0.00	42.35 0.38 0.00	43.22 0.42 0.00	41.47 0.31 0.00	45.05 0.22 0.00	40.79 0.22 0.00	34.88 0.18 0.00
TIANA____69_KV_BK 1 55817	28.11 0.91 0.00	27.99 0.96 0.00	30.96 0.87 0.00	28.14 0.97 0.00	35.41 1.07 -5.70	31.10 0.90 -1.40	37.80 1.39 -0.01	217.39 -9.36 41.70	82.35 -2.70 1.01	45.71 -0.44 0.00	36.50 -1.06 5.91	39.92 -1.17 5.60	35.72 -0.77 7.98	32.95 -0.34 12.99	38.07 0.21 5.17	42.94 0.63 -0.22	40.29 0.17 0.00	44.44 0.06 0.00	42.28 0.32 0.00	43.31 0.51 0.00	41.18 0.03 0.00	44.97 -0.09 -0.23	40.93 0.36 0.00	34.45 -0.25 0.00
TILDEN___115KV_TB1 80814	27.05 -0.14 0.00	26.84 -0.19 0.00	29.99 -0.10 0.00	27.11 -0.06 0.00	28.61 -0.04 0.00	28.82 0.02 0.00	36.43 0.04 0.00	271.71 3.26 0.00	87.17 1.12 0.00	46.71 0.57 0.00	43.96 0.49 0.00	47.27 0.59 0.00	44.98 0.52 0.00	46.87 0.59 0.00	43.54 0.51 0.00	42.62 0.53 0.00	40.59 0.47 0.00	44.94 0.56 0.00	42.50 0.54 0.00	43.39 0.59 0.00	41.62 0.47 0.00	45.22 0.39 0.00	40.92 0.35 0.00	34.99 0.28 0.00

TRIGEN___CC 323695	28.93 1.74 0.00	28.78 1.75 0.00	31.86 1.77 0.00	28.73 1.57 0.00	35.98 1.64 -5.70	31.94 1.74 -1.40	38.77 2.37 -0.01	230.41 5.20 43.25	87.02 1.72 0.76	47.36 1.22 0.00	44.20 0.72 0.00	47.47 0.78 0.00	45.63 1.17 0.00	47.80 1.52 0.00	44.77 1.75 0.00	44.31 1.99 -0.22	41.58 1.46 0.00	45.91 1.53 0.00	43.46 1.49 0.00	44.41 1.62 0.00	42.33 1.18 0.00	46.30 1.24 -0.23	42.20 1.63 0.00	35.86 1.15 0.00
TRINITY___115KV___4 BK 55933	27.73 0.53 0.00	27.66 0.63 0.00	30.77 0.68 0.00	27.75 0.59 0.00	29.27 0.63 0.00	29.23 0.62 0.19	37.17 0.78 0.00	270.65 2.19 0.00	86.52 0.46 0.00	46.19 0.05 0.00	43.56 0.09 0.00	46.77 0.08 0.00	44.69 0.22 0.00	46.46 0.19 0.00	43.27 0.24 0.00	42.27 0.37 0.19	40.40 0.28 0.00	44.87 0.50 0.00	42.48 0.52 0.00	43.39 0.59 0.00	41.62 0.47 0.00	45.17 0.33 0.00	40.92 0.35 0.00	34.86 0.16 0.00
UNION___PROCESSING_DRP 323587	27.21 0.01 0.00	26.90 -0.13 0.00	30.14 0.05 0.00	27.28 0.11 0.00	28.80 0.15 0.00	29.09 0.29 0.00	36.69 0.29 0.00	264.56 -3.90 0.00	85.98 -0.07 0.00	46.14 0.00 0.00	43.23 -0.24 0.00	46.60 -0.09 0.00	44.29 -0.17 0.00	46.22 -0.06 0.00	42.80 -0.22 0.00	41.94 -0.15 0.00	39.53 -0.60 0.00	43.68 -0.69 0.00	41.11 -0.85 0.00	42.35 -0.45 0.00	40.57 -0.58 0.00	43.99 -0.84 0.00	39.93 -0.64 0.00	34.46 -0.24 0.00
UPPER HUDSON___HYD 24058	28.91 1.72 0.00	28.80 1.78 0.00	31.98 1.89 0.00	28.90 1.73 0.00	30.51 1.87 0.00	30.96 1.93 -0.23	38.99 2.60 0.00	284.07 15.62 0.00	90.78 4.72 0.00	48.31 2.17 0.00	45.64 2.17 0.00	48.91 2.22 0.00	46.70 2.24 0.00	48.44 2.16 0.00	45.09 2.07 0.00	44.18 2.30 0.21	42.35 2.23 0.00	47.19 2.81 0.00	44.81 2.85 0.00	45.76 2.96 0.00	43.82 2.67 0.00	47.33 2.50 0.00	42.76 2.19 0.00	36.37 1.67 0.00
UPPER RAQUET___HYD 24056	27.01 -0.19 0.00	26.73 -0.30 0.00	29.64 -0.45 0.00	26.75 -0.42 0.00	28.15 -0.49 0.00	28.31 -0.49 0.00	35.84 -0.55 0.00	264.94 -3.51 0.00	85.35 -0.70 0.00	45.99 -0.15 0.00	43.53 0.06 0.00	46.67 -0.02 0.00	44.10 -0.36 0.00	45.83 -0.45 0.00	42.38 -0.64 0.00	40.81 -1.28 0.00	39.37 -0.75 0.00	43.68 -0.70 0.00	41.26 -0.70 0.00	42.07 -0.72 0.00	40.50 -0.65 0.00	44.69 -0.14 0.00	40.66 0.09 0.00	34.79 0.09 0.00
VALLEY44_115KV_TB2 355964	27.39 0.20 0.00	27.12 0.09 0.00	30.65 0.56 0.00	27.87 0.70 0.00	29.46 0.82 0.00	29.79 0.99 0.00	37.69 1.29 0.00	270.01 1.56 0.00	86.94 0.89 0.00	46.61 0.47 0.00	43.49 0.02 0.00	46.98 0.29 0.00	44.50 0.04 0.00	46.63 0.36 0.00	43.25 0.23 0.00	42.42 0.33 0.00	39.83 -0.29 0.00	44.00 -0.37 0.00	41.32 -0.64 0.00	42.52 -0.28 0.00	40.77 -0.38 0.00	44.25 -0.58 0.00	40.26 -0.31 0.00	34.89 0.19 0.00
VALLEY___115KV_TB 1-4 80826	26.94 -0.26 0.00	26.80 -0.23 0.00	29.83 -0.26 0.00	26.94 -0.23 0.00	28.41 -0.23 0.00	28.58 -0.23 0.00	36.18 -0.21 0.00	267.09 -1.36 0.00	85.59 -0.46 0.00	45.80 -0.34 0.00	43.16 -0.32 0.00	46.29 -0.40 0.00	44.11 -0.35 0.00	45.89 -0.39 0.00	42.69 -0.33 0.00	41.81 -0.28 0.00	40.06 -0.06 0.00	44.25 -0.12 0.00	41.78 -0.18 0.00	42.64 -0.15 0.00	41.05 -0.10 0.00	44.72 -0.11 0.00	40.31 -0.26 0.00	34.31 -0.39 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.08 0.88 0.00	27.90 0.87 0.00	31.21 1.12 0.00	28.16 0.99 0.00	29.69 1.05 0.00	29.88 1.08 0.00	37.81 1.41 0.00	276.73 8.28 0.00	88.52 2.46 0.00	47.58 1.44 0.00	44.90 1.42 0.00	48.28 1.59 0.00	46.02 1.56 0.00	47.96 1.69 0.00	44.53 1.51 0.00	43.57 1.49 0.00	41.48 1.35 0.00	45.89 1.51 0.00	43.36 1.40 0.00	44.29 1.50 0.00	42.43 1.28 0.00	46.12 1.29 0.00	41.81 1.24 0.00	35.73 1.02 0.00
VISCHER___FERRY HYD 24020	28.28 1.09 0.00	28.23 1.21 0.00	31.39 1.30 0.00	28.33 1.16 0.00	29.89 1.25 0.00	30.46 1.24 -0.41	37.91 1.52 0.00	276.53 8.08 0.00	88.31 2.26 0.00	47.05 0.91 0.00	44.40 0.93 0.00	47.64 0.95 0.00	45.50 1.03 0.00	47.28 1.00 0.00	44.02 1.00 0.00	42.93 1.13 0.28	41.09 0.97 0.00	45.71 1.33 0.00	43.34 1.38 0.00	44.26 1.46 0.00	42.48 1.33 0.00	46.06 1.22 0.00	41.74 1.17 0.00	35.56 0.85 0.00
V_A_10_SYNC_DSASP 323832	26.83 -0.36 0.00	26.52 -0.51 0.00	29.80 -0.29 0.00	27.02 -0.15 0.00	28.52 -0.12 0.00	28.81 0.01 0.00	36.21 -0.18 0.00	257.20 -11.26 0.00	83.79 -2.26 0.00	44.93 -1.21 0.00	42.01 -1.46 0.00	45.35 -1.34 0.00	43.11 -1.35 0.00	45.04 -1.24 0.00	41.67 -1.35 0.00	40.85 -1.24 0.00	38.35 -1.77 0.00	42.33 -2.06 0.00	39.77 -2.19 0.00	41.08 -1.72 0.00	39.41 -1.74 0.00	42.79 -2.04 0.00	38.97 -1.60 0.00	33.80 -0.90 0.00
V_CMM_10_SYNC_DSASP 323787	26.94 -0.25 0.00	26.69 -0.34 0.00	29.60 -0.49 0.00	26.71 -0.46 0.00	28.14 -0.51 0.00	28.25 -0.55 0.00	35.69 -0.70 0.00	262.90 -5.56 0.00	84.29 -1.76 0.00	45.55 -0.59 0.00	43.09 -0.38 0.00	46.21 -0.48 0.00	43.86 -0.60 0.00	45.61 -0.66 0.00	42.29 -0.73 0.00	41.21 -0.88 0.00	39.53 -0.59 0.00	43.75 -0.63 0.00	41.27 -0.69 0.00	42.06 -0.73 0.00	40.54 -0.62 0.00	44.33 -0.50 0.00	40.23 -0.34 0.00	34.53 -0.18 0.00
V_CMP_10_SYNC_DSASP 323788	-23.61 -1.21 49.60	-23.61 -1.30 49.33	-23.59 -1.61 52.07	-23.60 -1.49 49.28	-23.38 -1.62 50.41	-23.51 -1.69 50.62	1.01 -2.07 33.31	238.24 -13.55 16.67	37.79 -3.91 44.35	39.73 -1.15 5.26	43.01 -0.46 0.00	46.33 -0.36 0.00	44.04 -0.42 0.00	45.71 -0.57 0.00	42.21 -0.81 0.00	41.18 -0.90 0.00	40.05 -0.07 0.00	44.63 0.25 0.00	42.23 0.27 0.00	42.74 -0.06 0.00	40.94 -0.22 0.00	44.50 -0.34 0.00	40.36 -0.21 0.00	34.68 -0.02 0.00
V_D_10_SYNC_DSASP 323841	27.09 -0.11 0.00	26.82 -0.20 0.00	29.74 -0.35 0.00	26.84 -0.33 0.00	28.27 -0.37 0.00	28.40 -0.40 0.00	35.89 -0.50 0.00	264.44 -4.02 0.00	85.11 -0.94 0.00	45.86 -0.28 0.00	43.38 -0.10 0.00	46.51 -0.18 0.00	44.12 -0.35 0.00	45.86 -0.41 0.00	42.50 -0.52 0.00	41.34 -0.75 0.00	39.69 -0.43 0.00	43.96 -0.42 0.00	41.48 -0.48 0.00	42.28 -0.51 0.00	40.73 -0.42 0.00	44.60 -0.24 0.00	40.49 -0.08 0.00	34.74 0.04 0.00
V_E_10_SYNC_DSASP 323830	28.40 1.21 0.00	27.85 0.82 0.00	31.61 1.52 0.00	28.25 1.09 0.00	29.96 1.32 0.00	30.37 1.57 0.00	38.58 2.19 0.00	285.36 16.91 0.00	90.40 4.35 0.00	48.40 2.26 0.00	45.72 2.25 0.00	49.23 2.54 0.00	46.69 2.23 0.00	48.93 2.66 0.00	45.58 2.56 0.00	44.81 2.72 0.00	42.97 2.85 0.00	47.65 3.27 0.00	45.22 3.26 0.00	46.00 3.20 0.00	43.72 2.57 0.00	47.43 2.59 0.00	42.62 2.06 0.00	36.53 1.82 0.00
V_F_30_NSYNC___DSASP 323816	28.68 1.49 0.00	28.60 1.57 0.00	31.82 1.73 0.00	28.71 1.54 0.00	30.30 1.66 0.00	30.73 1.67 -0.26	38.58 2.19 0.00	281.45 12.99 0.00	89.94 3.89 0.00	47.91 1.77 0.00	45.19 1.72 0.00	48.52 1.83 0.00	46.29 1.82 0.00	48.04 1.76 0.00	44.71 1.69 0.00	43.77 1.90 0.22	41.89 1.77 0.00	46.64 2.26 0.00	44.24 2.28 0.00	45.18 2.39 0.00	43.31 2.16 0.00	46.91 2.08 0.00	42.44 1.87 0.00	36.15 1.44 0.00



V_F_30_SYNC_DSASP 323786	27.82 0.63 0.00	27.74 0.71 0.00	30.86 0.77 0.00	27.84 0.67 0.00	29.37 0.72 0.00	29.59 0.72 -0.07	37.31 0.92 0.00	271.80 3.34 0.00	86.94 0.89 0.00	46.43 0.29 0.00	43.78 0.31 0.00	47.01 0.32 0.00	44.92 0.46 0.00	46.71 0.43 0.00	43.49 0.46 0.00	42.52 0.62 0.20	40.63 0.51 0.00	45.13 0.75 0.00	42.72 0.76 0.00	43.62 0.82 0.00	41.83 0.68 0.00	45.38 0.55 0.00	41.11 0.54 0.00	35.03 0.32 0.00
V_XM_10_SYNC_DSASP 323789	-23.61 -1.21 49.60	-23.61 -1.30 49.33	-23.59 -1.61 52.07	-23.60 -1.49 49.28	-23.38 -1.62 50.41	-23.51 -1.69 50.62	1.01 -2.07 33.31	238.24 -13.55 16.67	37.79 -3.91 44.35	39.73 -1.15 5.26	43.01 -0.46 0.00	46.33 -0.36 0.00	44.04 -0.42 0.00	45.71 -0.57 0.00	42.21 -0.81 0.00	41.18 -0.90 0.00	40.05 -0.07 0.00	44.63 0.25 0.00	42.23 0.27 0.00	42.74 -0.06 0.00	40.94 -0.22 0.00	44.50 -0.34 0.00	40.36 -0.21 0.00	34.68 -0.02 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.59 1.39 0.00	28.40 1.37 0.00	31.42 1.33 0.00	28.30 1.13 0.00	29.82 1.18 0.00	30.08 1.28 0.00	38.26 1.87 0.00	275.36 6.90 0.00	88.61 2.56 0.00	47.35 1.21 0.00	44.43 0.96 0.00	47.83 1.14 0.00	45.81 1.35 0.00	47.84 1.56 0.00	44.64 1.62 0.00	44.02 1.73 -0.21	41.56 1.44 0.00	46.03 1.65 0.00	43.56 1.60 0.00	44.39 1.60 0.00	42.44 1.29 0.00	46.08 1.25 0.00	41.94 1.37 0.00	35.72 1.02 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.72 1.52 0.00	28.53 1.50 0.00	31.55 1.46 0.00	28.44 1.27 0.00	29.97 1.32 0.00	30.28 1.45 -0.03	38.48 2.09 0.00	276.27 7.81 0.00	88.84 2.79 0.00	47.50 1.36 0.00	44.55 1.07 0.00	47.93 1.24 0.00	45.93 1.47 0.00	47.96 1.68 0.00	44.77 1.75 0.00	44.15 1.84 -0.22	41.66 1.54 0.00	46.17 1.79 0.00	43.65 1.69 0.00	44.49 1.69 0.00	42.53 1.38 0.00	46.16 1.33 0.00	42.01 1.44 0.00	35.80 1.10 0.00
W50THST__13_KV_LOAD 356117	28.84 1.65 0.00	28.64 1.61 0.00	31.67 1.58 0.00	28.55 1.38 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.68 2.29 0.00	278.05 9.60 0.00	89.41 3.36 0.00	47.82 1.68 0.00	44.85 1.37 0.00	48.25 1.56 0.00	46.24 1.77 0.00	48.28 2.00 0.00	45.05 2.03 0.00	44.44 2.12 -0.22	41.91 1.79 0.00	46.45 2.07 0.00	43.89 1.93 0.00	44.72 1.92 0.00	42.72 1.57 0.00	46.35 1.52 0.00	42.18 1.61 0.00	35.94 1.24 0.00
WADING RIVER_IC_1 23522	27.81 0.62 0.00	27.70 0.67 0.00	30.67 0.58 0.00	27.93 0.76 0.00	35.16 0.82 -5.70	30.78 0.59 -1.40	37.39 0.99 -0.01	214.69 -12.08 41.69	81.60 -3.59 0.86	45.17 -0.97 0.00	37.49 -1.55 4.43	40.78 -1.72 4.20	37.16 -1.32 5.98	35.63 -0.92 9.74	38.85 -0.30 3.87	42.47 0.16 -0.22	39.82 -0.30 0.00	43.96 -0.42 0.00	41.81 -0.15 0.00	42.84 0.04 0.00	40.71 -0.44 0.00	44.48 -0.59 -0.23	40.50 -0.07 0.00	34.11 -0.59 0.00
WADING RIVER_IC_2 23547	27.81 0.62 0.00	27.70 0.67 0.00	30.67 0.58 0.00	27.93 0.76 0.00	35.16 0.82 -5.70	30.78 0.59 -1.40	37.39 0.99 -0.01	214.69 -12.08 41.69	81.60 -3.59 0.86	45.17 -0.97 0.00	37.49 -1.55 4.43	40.78 -1.72 4.20	37.16 -1.32 5.98	35.63 -0.92 9.74	38.85 -0.30 3.87	42.47 0.16 -0.22	39.82 -0.30 0.00	43.96 -0.42 0.00	41.81 -0.15 0.00	42.84 0.04 0.00	40.71 -0.44 0.00	44.48 -0.59 -0.23	40.50 -0.07 0.00	34.11 -0.59 0.00
WADING RIVER_IC_3 23601	27.81 0.62 0.00	27.70 0.67 0.00	30.67 0.58 0.00	27.93 0.76 0.00	35.16 0.82 -5.70	30.78 0.59 -1.40	37.39 0.99 -0.01	214.69 -12.08 41.69	81.60 -3.59 0.86	45.17 -0.97 0.00	37.49 -1.55 4.43	40.78 -1.72 4.20	37.16 -1.32 5.98	35.63 -0.92 9.74	38.85 -0.30 3.87	42.47 0.16 -0.22	39.82 -0.30 0.00	43.96 -0.42 0.00	41.81 -0.15 0.00	42.84 0.04 0.00	40.71 -0.44 0.00	44.48 -0.59 -0.23	40.50 -0.07 0.00	34.11 -0.59 0.00
WALDENNY_12_KV_BK2 80841	27.24 0.05 0.00	26.88 -0.15 0.00	30.31 0.22 0.00	27.54 0.37 0.00	29.07 0.43 0.00	29.39 0.59 0.00	36.96 0.57 0.00	262.78 -5.68 0.00	85.22 -0.84 0.00	45.78 -0.37 0.00	42.83 -0.64 0.00	46.28 -0.41 0.00	43.99 -0.47 0.00	46.02 -0.26 0.00	42.58 -0.45 0.00	41.78 -0.30 0.00	39.15 -0.98 0.00	43.17 -1.21 0.00	40.53 -1.43 0.00	41.91 -0.89 0.00	40.22 -0.93 0.00	43.65 -1.18 0.00	39.68 -0.89 0.00	34.47 -0.24 0.00
WALDEN__HYDRO 24148	28.41 1.22 0.00	28.25 1.21 0.00	31.28 1.19 0.00	28.18 1.01 0.00	29.71 1.06 0.00	29.95 1.15 0.00	38.05 1.66 0.00	274.68 6.22 0.00	88.23 2.18 0.00	47.11 0.97 0.00	44.25 0.78 0.00	47.61 0.93 0.00	45.62 1.16 0.00	47.63 1.35 0.00	44.38 1.36 0.00	43.75 1.48 -0.17	41.38 1.26 0.00	45.85 1.47 0.00	43.40 1.44 0.00	44.27 1.47 0.00	42.36 1.21 0.00	45.97 1.13 0.00	41.79 1.22 0.00	35.60 0.90 0.00
WARRENSBURG____ 23737	28.91 1.72 0.00	28.80 1.78 0.00	31.98 1.89 0.00	28.90 1.73 0.00	30.51 1.87 0.00	30.96 1.93 -0.23	38.99 2.60 0.00	284.07 15.62 0.00	90.78 4.72 0.00	48.31 2.17 0.00	45.64 2.17 0.00	48.91 2.22 0.00	46.70 2.24 0.00	48.44 2.16 0.00	45.09 2.07 0.00	44.18 2.30 0.21	42.35 2.23 0.00	47.19 2.81 0.00	44.81 2.85 0.00	45.76 2.96 0.00	43.82 2.67 0.00	47.33 2.50 0.00	42.76 2.19 0.00	36.37 1.67 0.00
WATERSIDE____6 8 9 23538	28.75 1.55 0.00	28.56 1.53 0.00	31.59 1.50 0.00	28.48 1.31 0.00	30.00 1.35 0.00	30.33 1.50 -0.03	38.54 2.15 0.00	276.27 7.81 0.00	88.91 2.86 0.00	47.51 1.37 0.00	44.54 1.06 0.00	47.90 1.21 0.00	45.91 1.45 0.00	47.93 1.65 0.00	44.72 1.70 0.00	44.13 1.82 -0.22	41.63 1.51 0.00	46.12 1.74 0.00	43.62 1.66 0.00	44.47 1.67 0.00	42.52 1.37 0.00	46.17 1.34 0.00	42.00 1.43 0.00	35.84 1.14 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.36 0.17 0.00	27.28 0.25 0.00	30.44 0.35 0.00	27.48 0.31 0.00	28.99 0.35 0.00	29.16 0.36 0.00	36.89 0.50 0.00	269.49 1.04 0.00	86.13 0.07 0.00	45.96 -0.18 0.00	43.25 -0.22 0.00	46.39 -0.30 0.00	44.15 -0.31 0.00	45.76 -0.52 0.00	42.67 -0.35 0.00	42.09 0.00 0.00	40.00 -0.12 0.00	44.54 0.16 0.00	42.28 0.32 0.00	43.16 0.36 0.00	41.42 0.27 0.00	44.95 0.12 0.00	40.64 0.08 0.00	34.61 -0.09 0.00
WATSON__69_KV_BK 1 55734	29.12 1.92 0.00	28.98 1.95 0.00	32.11 2.02 0.00	29.00 1.83 0.00	36.28 1.94 -5.70	32.21 2.02 -1.40	39.13 2.73 -0.01	229.12 3.18 42.51	86.62 1.13 0.56	47.39 1.25 0.00	44.68 0.73 -0.47	47.79 0.66 -0.44	46.03 0.94 -0.63	48.80 1.49 -1.03	45.30 1.87 -0.41	44.60 2.28 -0.22	41.77 1.65 0.00	46.13 1.75 0.00	43.69 1.73 0.00	44.80 2.01 0.00	42.63 1.48 0.00	46.59 1.52 -0.23	42.39 1.82 0.00	35.85 1.14 0.00
WDELAWARE__HYD 323627	27.58 0.39 0.00	27.40 0.38 0.00	30.35 0.26 0.00	27.35 0.19 0.00	28.82 0.18 0.00	29.04 0.27 0.03	36.96 0.56 0.00	267.65 -0.80 0.00	85.92 -0.13 0.00	45.89 -0.25 0.00	43.07 -0.40 0.00	46.34 -0.35 0.00	44.50 0.04 0.00	46.42 0.14 0.00	43.23 0.20 0.00	42.62 0.40 -0.14	40.34 0.22 0.00	44.71 0.34 0.00	42.34 0.37 0.00	43.18 0.38 0.00	41.32 0.17 0.00	44.84 0.00 0.00	40.76 0.19 0.00	34.72 0.01 0.00

WEST BABYLON___IC 23714	29.13 1.94 0.00	29.01 1.98 0.00	32.12 2.03 0.00	28.98 1.82 0.00	36.26 1.92 -5.70	32.21 2.01 -1.40	39.11 2.71 -0.01	228.72 4.57 44.31	86.55 1.48 0.98	47.45 1.31 0.00	44.29 0.82 0.00	47.45 0.76 0.00	45.51 1.05 0.00	47.86 1.58 0.00	44.93 1.90 0.00	44.58 2.27 -0.22	41.79 1.67 0.00	46.15 1.77 0.00	43.70 1.74 0.00	44.79 1.99 0.00	42.63 1.48 0.00	46.61 1.55 -0.23	42.42 1.86 0.00	35.92 1.22 0.00
WEST CANADA___HYD 24049	27.27 0.07 0.00	27.12 0.09 0.00	30.21 0.12 0.00	27.28 0.11 0.00	28.76 0.11 0.00	28.91 0.10 0.00	36.55 0.15 0.00	269.70 1.25 0.00	86.31 0.25 0.00	46.22 0.08 0.00	43.51 0.04 0.00	46.73 0.04 0.00	44.55 0.09 0.00	46.40 0.12 0.00	43.15 0.13 0.00	42.26 0.17 0.00	40.26 0.13 0.00	44.56 0.19 0.00	42.17 0.21 0.00	43.02 0.22 0.00	41.31 0.17 0.00	44.97 0.13 0.00	40.70 0.13 0.00	34.75 0.04 0.00
WESTERN_NY_WIND 24143	27.74 0.54 0.00	27.36 0.33 0.00	30.75 0.66 0.00	27.88 0.71 0.00	29.44 0.80 0.00	29.79 0.99 0.00	37.54 1.15 0.00	267.80 -0.66 0.00	87.24 1.19 0.00	46.87 0.73 0.00	43.85 0.37 0.00	47.28 0.59 0.00	44.91 0.45 0.00	46.87 0.60 0.00	43.26 0.24 0.00	42.39 0.30 0.00	39.83 -0.29 0.00	44.06 -0.32 0.00	41.41 -0.56 0.00	42.82 0.02 0.00	40.98 -0.17 0.00	44.41 -0.43 0.00	40.32 -0.24 0.00	34.97 0.27 0.00
WESTOVER___LESR 323668	27.06 -0.13 0.00	26.87 -0.16 0.00	30.25 0.16 0.00	27.44 0.27 0.00	28.95 0.31 0.00	29.17 0.37 0.00	36.91 0.52 0.00	273.11 4.65 0.00	86.63 0.58 0.00	46.42 0.28 0.00	43.63 0.16 0.00	47.00 0.31 0.00	44.70 0.24 0.00	46.70 0.42 0.00	43.40 0.38 0.00	42.52 0.44 0.00	40.35 0.23 0.00	44.67 0.29 0.00	42.17 0.21 0.00	43.06 0.26 0.00	41.32 0.17 0.00	44.93 0.09 0.00	40.67 0.10 0.00	34.90 0.20 0.00
WETHRSFD_WT_PWR 323626	26.78 -0.41 0.00	26.46 -0.57 0.00	29.88 -0.21 0.00	27.14 -0.03 0.00	28.58 -0.06 0.00	28.90 0.10 0.00	36.45 0.05 0.00	261.27 -7.19 0.00	84.17 -1.88 0.00	45.16 -0.98 0.00	42.22 -1.25 0.00	45.60 -1.09 0.00	43.27 -1.19 0.00	45.29 -0.98 0.00	42.08 -0.94 0.00	41.30 -0.79 0.00	38.86 -1.26 0.00	42.96 -1.42 0.00	40.28 -1.68 0.00	41.56 -1.23 0.00	39.85 -1.30 0.00	43.21 -1.63 0.00	39.21 -1.36 0.00	34.02 -0.68 0.00
WHAVSTOR_138KV_BK127 55557	28.48 1.29 0.00	28.31 1.28 0.00	31.30 1.22 0.00	28.20 1.03 0.00	29.71 1.07 0.00	29.97 1.17 0.00	38.11 1.72 0.00	274.05 5.59 0.00	88.12 2.07 0.00	47.08 0.94 0.00	44.18 0.70 0.00	47.54 0.85 0.00	45.54 1.08 0.00	47.57 1.29 0.00	44.39 1.38 0.00	43.77 1.47 -0.21	41.31 1.19 0.00	45.76 1.38 0.00	43.30 1.34 0.00	44.17 1.37 0.00	42.24 1.09 0.00	45.86 1.02 0.00	41.71 1.14 0.00	35.55 0.84 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.48 1.29 0.00	28.31 1.28 0.00	31.30 1.22 0.00	28.20 1.03 0.00	29.71 1.07 0.00	29.97 1.17 0.00	38.11 1.72 0.00	274.05 5.59 0.00	88.12 2.07 0.00	47.08 0.94 0.00	44.18 0.70 0.00	47.54 0.85 0.00	45.54 1.08 0.00	47.57 1.29 0.00	44.39 1.38 0.00	43.77 1.47 -0.21	41.31 1.19 0.00	45.76 1.38 0.00	43.30 1.34 0.00	44.17 1.37 0.00	42.24 1.09 0.00	45.86 1.02 0.00	41.71 1.14 0.00	35.55 0.84 0.00
WHITEHAL_115KV_TB1 80871	29.85 2.66 0.00	29.76 2.73 0.00	32.84 2.76 0.00	29.77 2.60 0.00	31.53 2.89 0.00	32.11 3.06 -0.25	40.63 4.24 0.00	293.23 24.77 0.00	93.30 7.25 0.00	49.14 3.00 0.00	46.95 3.48 0.00	50.04 3.35 0.00	47.79 3.33 0.00	49.63 3.35 0.00	46.15 3.13 0.00	45.17 3.30 0.22	43.67 3.55 0.00	48.90 4.52 0.00	46.68 4.72 0.00	47.58 4.78 0.00	45.38 4.23 0.00	48.57 3.74 0.00	43.78 3.22 0.00	37.17 2.46 0.00
WHITEPLN_13_KV_LOAD 356215	28.82 1.63 0.00	28.63 1.60 0.00	31.68 1.59 0.00	28.55 1.38 0.00	30.08 1.44 0.00	30.38 1.55 -0.03	38.61 2.22 0.00	277.75 9.30 0.00	89.29 3.24 0.00	47.74 1.60 0.00	44.79 1.31 0.00	48.16 1.47 0.00	46.22 1.76 0.00	48.24 1.96 0.00	44.98 1.96 0.00	44.37 2.06 -0.22	41.89 1.77 0.00	46.43 2.05 0.00	43.95 1.98 0.00	44.79 1.99 0.00	42.81 1.66 0.00	46.43 1.60 0.00	42.23 1.66 0.00	35.95 1.25 0.00
WM_FLOYD_69_KV_BK2 356380	28.30 1.11 0.00	28.19 1.16 0.00	31.23 1.14 0.00	28.31 1.14 0.00	35.57 1.23 -5.70	31.33 1.13 -1.40	38.05 1.65 -0.01	219.89 -6.82 41.74	82.73 -1.98 1.34	46.00 -0.14 0.00	33.42 -0.74 9.32	37.02 -0.85 8.82	31.38 -0.51 12.57	25.75 -0.07 20.47	35.37 0.49 8.14	43.23 0.92 -0.22	40.53 0.41 0.00	44.75 0.37 0.00	42.53 0.57 0.00	43.58 0.78 0.00	41.42 0.27 0.00	45.25 0.18 -0.23	41.21 0.64 0.00	34.76 0.06 0.00
WOODARD___115KV_TB2 355635	26.88 -0.31 0.00	26.68 -0.35 0.00	29.81 -0.28 0.00	26.94 -0.23 0.00	28.43 -0.22 0.00	28.63 -0.17 0.00	36.17 -0.22 0.00	270.06 1.61 0.00	86.85 0.80 0.00	46.54 0.40 0.00	43.81 0.33 0.00	47.11 0.42 0.00	44.83 0.37 0.00	46.68 0.40 0.00	43.37 0.34 0.00	42.43 0.35 0.00	40.43 0.31 0.00	44.76 0.38 0.00	42.32 0.36 0.00	43.20 0.40 0.00	41.44 0.29 0.00	45.05 0.22 0.00	40.79 0.22 0.00	34.86 0.16 0.00
YORK___WARBASSE 23770	28.84 1.65 0.00	28.65 1.62 0.00	31.69 1.61 0.00	28.57 1.40 0.00	30.08 1.44 0.00	30.42 1.59 -0.03	38.63 2.24 0.00	276.74 8.29 0.00	89.06 3.01 0.00	47.56 1.42 0.00	44.63 1.16 0.00	48.01 1.32 0.00	46.03 1.57 0.00	48.08 1.80 0.00	44.83 1.81 0.00	44.25 1.94 -0.22	41.77 1.65 0.00	46.28 1.90 0.00	43.76 1.80 0.00	44.63 1.84 0.00	42.70 1.55 0.00	46.37 1.54 0.00	42.18 1.62 0.00	36.01 1.31 0.00