

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

08/15/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	44.35	34.84	33.31	36.43	33.02	33.15	36.78	36.46	35.77	38.00	44.68	47.98	50.59	58.61	57.61	60.68	56.51	58.64	64.86	71.30	55.80	56.22	54.45	51.20
24138	2.24	1.65	1.42	1.43	1.26	1.28	1.53	1.76	2.04	2.15	2.63	2.54	2.51	2.68	2.78	3.86	3.74	4.16	4.12	3.15	1.77	1.22	1.58	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.90	-0.56	-0.76	-0.71	-1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	44.35	34.88	33.35	36.49	33.07	33.19	36.79	36.45	35.75	37.97	44.65	48.00	50.64	58.66	57.70	60.73	56.55	58.67	64.94	71.37	55.93	56.38	54.57	51.21
24260	2.24	1.68	1.46	1.49	1.31	1.32	1.55	1.75	2.02	2.13	2.60	2.55	2.55	2.73	2.86	3.92	3.78	4.18	4.19	3.22	1.89	1.38	1.71	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.56	-0.76	-0.71	-1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	44.35	34.88	33.35	36.49	33.07	33.19	36.79	36.45	35.75	37.97	44.65	48.00	50.64	58.66	57.70	60.73	56.55	58.67	64.94	71.37	55.93	56.38	54.57	51.21
24261	2.24	1.68	1.46	1.49	1.31	1.32	1.55	1.75	2.02	2.13	2.60	2.55	2.55	2.73	2.86	3.92	3.78	4.18	4.19	3.22	1.89	1.38	1.71	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.89	-0.56	-0.76	-0.71	-1.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	43.54	34.42	33.16	36.47	32.96	33.14	36.53	36.03	34.80	35.68	41.36	44.46	47.09	53.99	55.44	58.39	54.81	57.43	64.85	72.27	57.32	57.64	55.18	51.29
24011	1.43	1.22	1.27	1.47	1.20	1.27	1.29	1.32	1.06	0.73	0.37	0.44	0.36	0.21	0.60	1.58	2.04	2.94	4.10	4.12	3.28	2.65	2.32	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.67	0.63	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	43.51	34.47	33.22	36.55	33.00	33.19	36.57	36.12	34.84	35.63	41.28	44.37	47.01	53.89	55.42	58.51	54.99	57.68	65.19	72.66	57.73	58.01	55.50	51.49
23798	1.39	1.27	1.33	1.55	1.23	1.32	1.33	1.42	1.10	0.68	0.28	0.34	0.27	0.10	0.58	1.69	2.23	3.19	4.44	4.51	3.69	3.01	2.63	2.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.49	0.66	0.63	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	43.54	34.42	33.16	36.47	32.96	33.14	36.53	36.03	34.80	35.68	41.36	44.46	47.09	53.99	55.44	58.39	54.81	57.43	64.85	72.27	57.32	57.64	55.18	51.29
24028	1.43	1.22	1.27	1.47	1.20	1.27	1.29	1.32	1.06	0.73	0.37	0.44	0.36	0.21	0.60	1.58	2.04	2.94	4.10	4.12	3.28	2.65	2.32	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.67	0.63	1.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	43.16	34.15	32.97	36.27	32.83	33.00	36.34	35.76	34.58	35.63	40.53	43.24	45.82	52.14	54.79	57.65	53.69	56.10	62.73	69.62	55.21	55.66	53.54	50.00
23527	1.04	0.95	1.08	1.27	1.06	1.13	1.10	1.05	0.85	0.52	0.14	0.04	-0.13	-0.40	-0.05	0.84	0.92	1.62	1.98	1.47	1.18	0.66	0.67	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.15	1.10	1.49	1.41	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	41.61	32.90	31.73	34.75	31.57	31.68	34.86	34.39	33.36	34.33	40.14	43.09	45.66	52.44	53.52	56.03	52.24	54.33	60.57	67.30	53.27	53.76	51.72	48.34
24190	-0.50	-0.29	-0.16	-0.26	-0.20	-0.19	-0.38	-0.31	-0.38	-0.62	-0.94	-1.05	-1.19	-1.51	-1.32	-0.78	-0.52	-0.16	-0.17	-0.85	-0.77	-1.24	-1.14	-1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.55	0.52	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	42.49	33.70	32.31	35.47	32.21	32.27	35.81	35.20	34.08	35.18	41.61	44.83	47.75	55.34	55.15	56.28	52.10	123.47	58.66	66.88	53.63	55.27	53.02	49.83
355683	0.38	0.50	0.42	0.46	0.44	0.40	0.57	0.49	0.35	0.23	0.11	0.14	0.39	0.55	0.31	-0.53	-0.66	-1.53	-2.09	-1.27	-0.40	0.27	0.15	0.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-70.52	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	41.87	33.05	31.86	34.94	31.72	31.82	35.04	34.46	33.23	34.17	40.10	43.05	45.60	52.51	53.25	55.75	51.99	54.02	60.56	67.63	53.70	54.21	52.13	48.71
323833	-0.25	-0.15	-0.03	-0.06	-0.05	-0.05	-0.20	-0.25	-0.50	-0.78	-1.13	-1.28	-1.43	-1.74	-1.59	-1.06	-0.78	-0.47	-0.18	-0.52	-0.33	-0.79	-0.73	-0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.36	0.34	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	41.85	33.04	31.85	34.93	31.70	31.81	35.03	34.44	33.23	34.16	40.08	43.03	45.59	52.49	53.24	55.73	51.96	54.00	60.54	67.60	53.67	54.18	52.11	48.68
323834	-0.27	-0.15	-0.04	-0.07	-0.07	-0.05	-0.21	-0.26	-0.51	-0.79	-1.15	-1.30	-1.44	-1.76	-1.60	-1.08	-0.81	-0.49	-0.20	-0.55	-0.37	-0.82	-0.76	-0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.36	0.34	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	41.61	32.90	31.73	34.75	31.57	31.68	34.86	34.39	33.36	34.33	40.14	43.09	45.66	52.44	53.52	56.03	52.24	54.33	60.57	67.30	53.27	53.76	51.72	48.34
23571	-0.50	-0.29	-0.16	-0.26	-0.20	-0.19	-0.38	-0.31	-0.38	-0.62	-0.94	-1.05	-1.19	-1.51	-1.32	-0.78	-0.52	-0.16	-0.17	-0.85	-0.77	-1.24	-1.14	-1.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	0.55	0.52	0.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	41.61 -0.50 0.00	32.90 -0.29 0.00	31.73 -0.16 0.00	34.75 -0.26 0.00	31.57 -0.20 0.00	31.68 -0.19 0.00	34.86 -0.38 0.00	34.39 -0.31 0.00	33.36 -0.38 0.00	34.33 -0.62 0.00	40.14 -0.94 0.41	43.09 -1.05 0.55	45.66 -1.19 0.52	52.44 -1.51 0.83	53.52 -1.32 0.00	56.03 -0.78 0.00	52.24 -0.52 0.00	54.33 -0.16 0.00	60.57 -0.17 0.00	67.30 -0.85 0.00	53.27 -0.77 0.00	53.76 -1.24 0.00	51.72 -1.14 0.00	48.34 -1.15 0.00
ALBANY___3 23573	41.61 -0.50 0.00	32.90 -0.29 0.00	31.73 -0.16 0.00	34.75 -0.26 0.00	31.57 -0.20 0.00	31.68 -0.19 0.00	34.86 -0.38 0.00	34.39 -0.31 0.00	33.36 -0.38 0.00	34.33 -0.62 0.00	40.14 -0.94 0.41	43.09 -1.05 0.55	45.66 -1.19 0.52	52.44 -1.51 0.83	53.52 -1.32 0.00	56.03 -0.78 0.00	52.24 -0.52 0.00	54.33 -0.16 0.00	60.57 -0.17 0.00	67.30 -0.85 0.00	53.27 -0.77 0.00	53.76 -1.24 0.00	51.72 -1.14 0.00	48.34 -1.15 0.00
ALBANY___4 23574	41.61 -0.50 0.00	32.90 -0.29 0.00	31.73 -0.16 0.00	34.75 -0.26 0.00	31.57 -0.20 0.00	31.68 -0.19 0.00	34.86 -0.38 0.00	34.39 -0.31 0.00	33.36 -0.38 0.00	34.33 -0.62 0.00	40.14 -0.94 0.41	43.09 -1.05 0.55	45.66 -1.19 0.52	52.44 -1.51 0.83	53.52 -1.32 0.00	56.03 -0.78 0.00	52.24 -0.52 0.00	54.33 -0.16 0.00	60.57 -0.17 0.00	67.30 -0.85 0.00	53.27 -0.77 0.00	53.76 -1.24 0.00	51.72 -1.14 0.00	48.34 -1.15 0.00
ALBANY___LFGE 323615	42.16 0.05 0.00	33.30 0.11 0.00	32.09 0.20 0.00	35.16 0.16 0.00	31.93 0.16 0.00	32.05 0.18 0.00	35.28 0.03 0.00	34.81 0.10 0.00	33.76 0.03 0.00	34.79 -0.16 0.00	40.66 -0.39 0.45	43.63 -0.46 0.60	46.29 -0.51 0.57	53.17 -0.71 0.91	54.32 -0.52 0.00	56.90 0.09 0.00	53.08 0.31 0.00	55.22 0.73 0.00	61.60 0.86 0.00	68.40 0.24 0.00	54.12 0.08 0.00	54.58 -0.42 0.00	52.48 -0.38 0.00	49.02 -0.46 0.00
ALCOA_PA_115KV_PL-6C 55860	42.87 0.75 0.00	34.00 0.81 0.00	32.59 0.71 0.00	35.79 0.78 0.00	32.49 0.72 0.00	32.56 0.69 0.00	36.14 0.90 0.00	35.49 0.79 0.00	34.29 0.55 0.00	35.44 0.49 0.00	41.89 0.40 0.00	45.14 0.45 0.00	47.96 0.59 0.00	55.51 0.72 0.00	55.30 0.46 0.00	56.22 -0.59 0.00	52.03 -0.73 0.00	162.19 -1.96 -109.67	58.31 -2.44 0.00	66.62 -1.53 0.00	53.81 -0.23 0.00	55.58 0.58 0.00	53.34 0.48 0.00	50.14 0.65 0.00
ALCOA_RYNLDS___DRP 24188	42.87 0.75 0.00	34.00 0.81 0.00	32.59 0.71 0.00	35.79 0.78 0.00	32.49 0.72 0.00	32.56 0.69 0.00	36.14 0.90 0.00	35.49 0.79 0.00	34.29 0.55 0.00	35.44 0.49 0.00	41.89 0.40 0.00	45.14 0.45 0.00	47.96 0.59 0.00	55.51 0.72 0.00	55.30 0.46 0.00	56.22 -0.59 0.00	52.03 -0.73 0.00	162.19 -1.96 -109.67	58.31 -2.44 0.00	66.62 -1.53 0.00	53.81 -0.23 0.00	55.58 0.58 0.00	53.34 0.48 0.00	50.14 0.65 0.00
ALCOA___DSASP 323711	42.87 0.75 0.00	34.00 0.81 0.00	32.60 0.71 0.00	35.79 0.78 0.00	32.49 0.72 0.00	32.56 0.69 0.00	36.14 0.90 0.00	35.49 0.79 0.00	34.29 0.55 0.00	35.44 0.49 0.00	41.89 0.40 0.00	45.14 0.45 0.00	47.95 0.59 0.00	55.51 0.72 0.00	55.30 0.46 0.00	56.22 -0.59 0.00	52.03 -0.73 0.00	162.19 -1.97 -109.67	58.30 -2.44 0.00	66.62 -1.53 0.00	53.81 -0.23 0.00	55.58 0.57 0.00	53.34 0.48 0.00	50.13 0.65 0.00
ALLEGHENY___COGEN 23514	42.56 0.45 0.00	32.99 -0.20 0.00	31.45 -0.45 -0.02	34.75 -0.31 -0.06	31.53 -0.23 0.00	31.68 -0.19 0.00	35.41 0.14 -0.03	34.63 -0.08 -0.01	33.20 -0.53 0.00	34.58 -0.37 0.00	41.43 -0.06 0.00	44.88 0.19 0.00	47.98 0.56 -0.05	55.81 0.94 -0.08	55.63 0.80 0.00	58.37 1.55 0.00	54.93 2.17 0.00	57.17 2.68 0.00	64.69 3.94 0.00	73.33 5.18 0.00	58.01 3.97 0.00	58.52 3.52 0.00	56.03 3.16 0.00	53.60 4.11 0.00
ALTAMONT_115KV_TB 2 55880	42.28 0.17 0.00	33.35 0.16 0.00	32.13 0.24 0.00	35.25 0.25 0.00	31.97 0.20 0.00	32.06 0.20 0.00	35.34 0.09 0.00	34.83 0.13 0.00	33.82 0.09 0.00	34.91 -0.05 0.00	41.05 -0.18 0.27	44.07 -0.27 0.36	46.70 -0.33 0.34	53.76 -0.49 0.54	54.49 -0.34 0.00	56.97 0.16 0.00	53.10 0.33 0.00	55.18 0.69 0.00	61.57 0.83 0.00	68.48 0.33 0.00	54.23 0.19 0.00	54.78 -0.22 0.00	52.71 -0.15 0.00	49.28 -0.21 0.00
ALTONA_WT_PWR 323606	42.52 0.41 0.00	33.96 0.76 0.00	32.49 0.59 0.00	35.76 0.76 0.00	32.45 0.69 0.00	32.55 0.68 0.00	36.07 0.83 0.00	35.38 0.68 0.00	34.18 0.45 0.00	35.26 0.31 0.00	41.80 0.31 0.00	44.92 0.23 0.00	47.71 0.35 0.00	55.23 0.44 0.00	55.22 0.38 0.00	56.46 -0.35 0.00	52.29 -0.48 0.00	64.15 -1.25 -10.91	59.08 -1.66 0.00	67.17 -0.98 0.00	54.02 -0.02 0.00	55.35 0.36 0.00	52.93 0.07 0.00	49.68 0.20 0.00
AMERICAN_REF_FUEL 24010	40.91 -1.20 0.00	31.55 -1.65 0.00	29.87 -2.02 0.00	33.03 -1.97 0.00	30.00 -1.77 0.00	30.22 -1.65 0.00	33.92 -1.32 0.00	33.11 -1.60 0.00	32.42 -1.31 0.00	35.13 0.18 0.00	42.33 0.84 0.00	45.91 1.22 0.00	48.75 1.38 0.00	56.46 1.67 0.00	55.81 0.97 0.00	58.02 1.21 0.00	53.90 1.14 0.00	56.11 1.63 0.00	62.74 2.00 0.00	69.68 1.53 0.00	50.85 0.76 3.94	55.75 0.75 0.00	53.76 0.90 0.00	51.14 1.66 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.17 0.06 0.00	32.46 -0.73 0.00	30.75 -1.14 0.00	33.93 -1.07 0.00	30.83 -0.94 0.00	31.14 -0.72 0.00	35.12 -0.12 0.00	34.37 -0.33 0.00	33.75 0.02 0.00	36.35 1.40 0.00	44.08 2.59 0.00	47.98 3.28 0.00	50.81 3.44 0.00	59.03 4.24 0.00	58.49 3.65 0.00	60.75 3.94 0.00	56.33 3.56 0.00	58.76 4.28 0.00	66.04 5.30 0.00	73.10 4.95 0.00	51.97 3.08 5.15	57.77 2.77 0.00	56.17 3.31 0.00	52.74 3.25 0.00
ARTHUR KILL_GT_1 23520	44.15 2.03 0.00	34.75 1.55 0.00	33.14 1.25 0.00	36.27 1.26 0.00	32.91 1.14 0.00	33.02 1.15 0.00	36.61 1.37 0.00	36.23 1.52 0.00	35.55 1.82 0.00	37.68 1.84 -0.89	44.30 2.25 -0.56	47.55 2.10 -0.76	49.81 1.73 -0.71	57.74 1.82 -1.14	56.79 1.96 0.00	59.92 3.11 0.00	55.81 3.04 0.00	57.90 3.41 0.00	64.07 3.33 0.00	70.41 2.26 0.00	55.24 1.20 0.00	55.53 0.54 0.00	53.78 0.91 0.00	50.74 1.26 0.00
ARTHUR_KILL_2 23512	43.98 1.87 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.14 1.14 0.00	32.79 1.03 0.00	32.90 1.03 0.00	36.46 1.22 0.00	36.09 1.39 0.00	35.42 1.68 0.00	37.54 1.70 -0.89	44.13 2.08 -0.56	47.36 1.91 -0.76	49.61 1.53 -0.71	57.49 1.57 -1.14	56.53 1.70 0.00	59.65 2.84 0.00	55.54 2.78 0.00	57.63 3.14 0.00	63.76 3.02 0.00	70.06 1.92 0.00	54.96 0.93 0.00	55.26 0.27 0.00	53.52 0.66 0.00	50.53 1.05 0.00
ARTHUR_KILL_3 23513	43.76 1.65 0.00	34.43 1.23 0.00	32.90 1.01 0.00	35.99 0.98 0.00	32.62 0.85 0.00	32.72 0.85 0.00	36.28 1.04 0.00	35.96 1.26 0.00	35.31 1.57 0.00	37.49 1.65 -0.89	44.06 2.01 -0.56	47.39 1.94 -0.76	49.96 1.88 -0.71	57.82 1.89 -1.14	56.78 1.94 0.00	59.77 2.96 0.00	55.62 2.86 0.00	57.74 3.26 0.00	63.93 3.18 0.00	70.29 2.14 0.00	55.06 1.03 0.00	55.44 0.44 0.00	53.67 0.80 0.00	50.43 0.95 0.00

ARTHUR_KILL_COGEN 323718	44.15 2.04 0.00	34.75 1.56 0.00	33.14 1.25 0.00	36.27 1.26 0.00	32.91 1.14 0.00	33.02 1.15 0.00	36.60 1.37 0.00	36.23 1.52 0.00	35.55 1.82 0.00	37.68 1.84 -0.89	44.30 2.25 -0.56	47.53 2.09 -0.76	49.81 1.73 -0.71	57.74 1.81 -1.14	56.79 1.96 0.00	59.91 3.10 0.00	55.80 3.04 0.00	57.90 3.41 0.00	64.07 3.32 0.00	70.41 2.26 0.00	55.23 1.20 0.00	55.53 0.54 0.00	53.77 0.91 0.00	50.74 1.26 0.00
ASHOKAN____ 23654	43.30 1.19 0.00	34.01 0.82 0.00	32.66 0.78 0.00	35.77 0.77 0.00	32.42 0.65 0.00	32.51 0.64 0.00	35.90 0.66 0.00	35.51 0.81 0.00	34.49 0.76 0.00	35.54 0.58 0.00	42.24 0.75 0.00	45.39 0.70 0.00	48.08 0.71 0.00	55.74 0.95 0.00	55.70 0.86 0.00	59.27 2.46 0.00	55.47 2.71 0.00	57.89 3.40 0.00	64.72 3.98 0.00	71.66 3.51 0.00	56.42 2.39 0.00	56.68 1.67 0.00	54.42 1.55 0.00	50.63 1.15 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.00 1.89 0.00	34.59 1.39 0.00	33.01 1.12 0.00	36.13 1.13 0.00	32.80 1.04 0.00	32.91 1.05 0.00	36.42 1.18 0.00	36.08 1.37 0.00	35.39 1.66 0.00	37.51 1.67 -0.89	43.95 1.90 -0.56	47.31 1.86 -0.76	49.80 1.71 -0.71	57.62 1.70 -1.14	56.57 1.74 0.01	59.62 2.81 0.01	55.49 2.73 0.01	57.61 3.13 0.01	63.78 3.04 0.01	70.10 1.96 0.01	54.98 0.95 0.00	55.46 0.45 -0.01	53.98 1.11 0.00	50.66 1.17 0.00
ASTORIA_EAST_ENERGY_CC2 323582	44.00 1.89 0.00	34.59 1.39 0.00	33.01 1.12 0.00	36.13 1.13 0.00	32.80 1.04 0.00	32.91 1.05 0.00	36.42 1.18 0.00	36.08 1.37 0.00	35.39 1.66 0.00	37.51 1.67 -0.89	43.95 1.90 -0.56	47.31 1.86 -0.76	49.80 1.71 -0.71	57.62 1.70 -1.14	56.57 1.74 0.01	59.62 2.81 0.01	55.49 2.73 0.01	57.61 3.13 0.01	63.78 3.04 0.01	70.10 1.96 0.01	54.98 0.95 0.00	55.46 0.45 -0.01	53.98 1.11 0.00	50.66 1.17 0.00
ASTORIA_GT2_1 24094	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT2_2 24095	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT2_3 24096	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT2_4 24097	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT3_1 24098	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT3_2 24099	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT3_3 24100	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT3_4 24101	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT4_1 24102	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT4_2 24103	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT4_3 24104	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00

ASTORIA_GT4_4 24105	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.54 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.49 0.49 0.00	54.00 1.14 0.00	50.67 1.19 0.00
ASTORIA_GT_1 23523	44.12 2.00 0.00	34.68 1.48 0.00	33.08 1.20 0.00	36.22 1.22 0.00	32.89 1.12 0.00	32.99 1.12 0.00	36.51 1.27 0.00	36.17 1.47 0.00	35.49 1.76 0.00	37.62 1.78 -0.89	44.09 2.04 -0.56	47.47 2.02 -0.76	49.96 1.88 -0.71	57.82 1.89 -1.14	56.76 1.93 0.01	59.80 2.99 0.01	55.67 2.91 0.01	57.82 3.33 0.01	63.96 3.23 0.01	70.31 2.17 0.01	55.15 1.12 0.00	55.63 0.63 0.00	54.14 1.27 0.00	50.79 1.31 0.00
ASTORIA_GT_10 24110	43.96 1.84 0.00	34.60 1.40 0.00	33.03 1.14 0.00	36.15 1.14 0.00	32.80 1.04 0.00	32.92 1.05 0.00	36.47 1.22 0.00	36.15 1.45 0.00	35.49 1.76 0.00	37.63 1.79 -0.89	44.16 2.11 -0.56	47.41 1.96 -0.76	49.89 1.81 -0.71	57.75 1.82 -1.14	56.70 1.86 0.00	59.75 2.94 0.00	55.63 2.87 0.00	57.73 3.24 0.00	63.85 3.11 0.00	70.11 1.96 0.00	54.99 0.95 0.00	55.18 0.45 0.27	53.88 1.02 0.00	50.60 1.12 0.00
ASTORIA_GT_11 24225	43.96 1.84 0.00	34.60 1.40 0.00	33.03 1.14 0.00	36.15 1.14 0.00	32.80 1.04 0.00	32.92 1.05 0.00	36.47 1.22 0.00	36.15 1.45 0.00	35.49 1.76 0.00	37.63 1.79 -0.89	44.16 2.11 -0.56	47.41 1.96 -0.76	49.89 1.81 -0.71	57.75 1.82 -1.14	56.70 1.86 0.00	59.75 2.94 0.00	55.63 2.87 0.00	57.73 3.24 0.00	63.85 3.11 0.00	70.11 1.96 0.00	54.99 0.95 0.00	55.18 0.45 0.27	53.88 1.02 0.00	50.60 1.12 0.00
ASTORIA_GT_12 24226	43.96 1.84 0.00	34.60 1.40 0.00	33.03 1.14 0.00	36.15 1.14 0.00	32.80 1.04 0.00	32.92 1.05 0.00	36.47 1.22 0.00	36.15 1.45 0.00	35.49 1.76 0.00	37.63 1.79 -0.89	44.16 2.11 -0.56	47.41 1.96 -0.76	49.89 1.81 -0.71	57.75 1.82 -1.14	56.70 1.86 0.00	59.75 2.94 0.00	55.63 2.87 0.00	57.73 3.24 0.00	63.85 3.11 0.00	70.11 1.96 0.00	54.99 0.95 0.00	55.18 0.45 0.27	53.88 1.02 0.00	50.60 1.12 0.00
ASTORIA_GT_13 24227	43.96 1.84 0.00	34.60 1.40 0.00	33.03 1.14 0.00	36.15 1.14 0.00	32.80 1.04 0.00	32.92 1.05 0.00	36.47 1.22 0.00	36.15 1.45 0.00	35.49 1.76 0.00	37.63 1.79 -0.89	44.16 2.11 -0.56	47.41 1.96 -0.76	49.89 1.81 -0.71	57.75 1.82 -1.14	56.70 1.86 0.00	59.75 2.94 0.00	55.63 2.87 0.00	57.73 3.24 0.00	63.85 3.11 0.00	70.11 1.96 0.00	54.99 0.95 0.00	55.18 0.45 0.27	53.88 1.02 0.00	50.60 1.12 0.00
ASTORIA_GT_5 24106	44.12 2.00 0.00	34.68 1.48 0.00	33.08 1.20 0.00	36.22 1.22 0.00	32.89 1.12 0.00	32.99 1.12 0.00	36.51 1.27 0.00	36.17 1.47 0.00	35.49 1.76 0.00	37.62 1.78 -0.89	44.09 2.04 -0.56	47.47 2.02 -0.76	49.96 1.88 -0.71	57.82 1.89 -1.14	56.76 1.93 0.01	59.80 2.99 0.01	55.67 2.91 0.01	57.82 3.33 0.01	63.96 3.23 0.01	70.31 2.17 0.01	55.15 1.12 0.00	55.63 0.63 0.00	54.14 1.27 0.00	50.79 1.31 0.00
ASTORIA_GT_7 24107	44.12 2.00 0.00	34.68 1.48 0.00	33.08 1.20 0.00	36.22 1.22 0.00	32.89 1.12 0.00	32.99 1.12 0.00	36.51 1.27 0.00	36.17 1.47 0.00	35.49 1.76 0.00	37.62 1.78 -0.89	44.09 2.04 -0.56	47.47 2.02 -0.76	49.96 1.88 -0.71	57.82 1.89 -1.14	56.76 1.93 0.01	59.80 2.99 0.01	55.67 2.91 0.01	57.82 3.33 0.01	63.96 3.23 0.01	70.31 2.17 0.01	55.15 1.12 0.00	55.63 0.63 0.00	54.14 1.27 0.00	50.79 1.31 0.00
ASTORIA_GT_8 24108	44.12 2.00 0.00	34.68 1.48 0.00	33.08 1.20 0.00	36.22 1.22 0.00	32.89 1.12 0.00	32.99 1.12 0.00	36.51 1.27 0.00	36.17 1.47 0.00	35.49 1.76 0.00	37.62 1.78 -0.89	44.09 2.04 -0.56	47.47 2.02 -0.76	49.96 1.88 -0.71	57.82 1.89 -1.14	56.76 1.93 0.01	59.80 2.99 0.01	55.67 2.91 0.01	57.82 3.33 0.01	63.96 3.23 0.01	70.31 2.17 0.01	55.15 1.12 0.00	55.63 0.63 0.00	54.14 1.27 0.00	50.79 1.31 0.00
ASTORIA___2 24149	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.06 0.00	32.93 1.06 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.53 1.69 -0.89	43.98 1.93 -0.56	47.34 1.89 -0.76	49.82 1.74 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.51 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.16 2.02 0.01	55.00 0.97 0.00	55.49 0.49 -0.01	54.00 1.13 0.00	50.68 1.20 0.00
ASTORIA___3 23516	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.06 0.00	32.93 1.06 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.53 1.69 -0.89	43.98 1.93 -0.56	47.34 1.89 -0.76	49.82 1.74 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.64 2.84 0.01	55.51 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.16 2.02 0.01	55.00 0.97 0.00	55.49 0.49 -0.01	54.00 1.13 0.00	50.64 1.15 0.00
ASTORIA___4 23517	44.03 1.91 0.00	34.61 1.42 0.00	33.02 1.13 0.00	36.15 1.15 0.00	32.82 1.05 0.00	32.93 1.07 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.41 1.67 0.00	37.53 1.69 -0.89	43.97 1.92 -0.56	47.34 1.89 -0.76	49.83 1.75 -0.71	57.65 1.72 -1.14	56.61 1.78 0.01	59.63 2.83 0.01	55.52 2.76 0.01	57.66 3.18 0.01	63.79 3.06 0.01	70.15 2.01 0.01	55.01 0.97 0.00	55.48 0.48 0.00	54.00 1.14 0.00	50.63 1.14 0.00
ASTORIA___5 23518	43.96 1.85 0.00	34.60 1.40 0.00	33.03 1.14 0.00	36.14 1.14 0.00	32.80 1.04 0.00	32.91 1.05 0.00	36.46 1.22 0.00	36.15 1.45 0.00	35.49 1.76 0.00	37.63 1.79 -0.89	44.16 2.11 -0.56	47.41 1.96 -0.76	49.88 1.80 -0.71	57.75 1.82 -1.14	56.70 1.86 0.00	59.74 2.93 0.00	55.63 2.86 0.00	57.73 3.24 0.00	63.85 3.10 0.00	70.11 1.97 0.00	54.98 0.95 0.00	55.17 0.45 0.27	53.87 1.01 0.00	50.61 1.13 0.00
AST_ENERGY_2_CC3 323677	43.86 1.74 0.00	34.52 1.32 0.00	33.02 1.13 0.00	36.10 1.09 0.00	32.72 0.96 0.00	32.84 0.97 0.00	36.38 1.14 0.00	36.05 1.34 0.00	35.37 1.63 0.00	37.54 1.69 -0.89	44.13 2.08 -0.56	47.41 1.97 -0.76	50.02 1.93 -0.71	57.93 2.00 -1.14	56.94 2.10 0.00	59.93 3.12 0.00	55.80 3.03 0.00	57.92 3.43 0.00	64.10 3.36 0.00	70.47 2.32 0.00	55.22 1.18 0.00	55.64 0.64 0.00	53.88 1.02 0.00	50.60 1.12 0.00
AST_ENERGY_2_CC4 323678	43.86 1.74 0.00	34.52 1.32 0.00	33.02 1.13 0.00	36.10 1.09 0.00	32.72 0.96 0.00	32.84 0.97 0.00	36.38 1.14 0.00	36.05 1.34 0.00	35.37 1.63 0.00	37.54 1.69 -0.89	44.13 2.08 -0.56	47.41 1.97 -0.76	50.02 1.93 -0.71	57.93 2.00 -1.14	56.94 2.10 0.00	59.93 3.12 0.00	55.80 3.03 0.00	57.92 3.43 0.00	64.10 3.36 0.00	70.47 2.32 0.00	55.22 1.18 0.00	55.64 0.64 0.00	53.88 1.02 0.00	50.60 1.12 0.00

ATHENS_STG_1 23668	42.53 0.41 0.00	33.51 0.31 0.00	32.27 0.38 0.00	35.40 0.40 0.00	32.09 0.33 0.00	32.14 0.27 0.00	35.44 0.20 0.00	34.98 0.28 0.00	34.08 0.35 0.00	35.41 0.29 -0.17	42.02 0.30 -0.23	45.24 0.24 -0.31	47.84 0.18 -0.29	55.34 0.09 -0.46	55.06 0.22 0.00	57.64 0.83 0.00	53.70 0.93 0.00	55.78 1.30 0.00	62.08 1.33 0.00	68.75 0.60 0.00	54.33 0.29 0.00	54.83 -0.17 0.00	52.85 -0.02 0.00	49.42 -0.06 0.00
ATHENS_STG_2 23670	42.53 0.41 0.00	33.51 0.31 0.00	32.27 0.38 0.00	35.40 0.40 0.00	32.09 0.33 0.00	32.14 0.27 0.00	35.44 0.20 0.00	34.98 0.28 0.00	34.08 0.35 0.00	35.41 0.29 -0.17	42.02 0.30 -0.23	45.24 0.24 -0.31	47.84 0.18 -0.29	55.34 0.09 -0.46	55.06 0.22 0.00	57.64 0.83 0.00	53.70 0.93 0.00	55.78 1.30 0.00	62.08 1.33 0.00	68.75 0.60 0.00	54.33 0.29 0.00	54.83 -0.17 0.00	52.85 -0.02 0.00	49.42 -0.06 0.00
ATHENS_STG_3 23677	42.53 0.41 0.00	33.51 0.31 0.00	32.27 0.38 0.00	35.40 0.40 0.00	32.09 0.33 0.00	32.14 0.27 0.00	35.44 0.20 0.00	34.98 0.28 0.00	34.08 0.35 0.00	35.41 0.29 -0.17	42.02 0.30 -0.23	45.24 0.24 -0.31	47.84 0.18 -0.29	55.34 0.09 -0.46	55.06 0.22 0.00	57.64 0.83 0.00	53.70 0.93 0.00	55.78 1.30 0.00	62.08 1.33 0.00	68.75 0.60 0.00	54.33 0.29 0.00	54.83 -0.17 0.00	52.85 -0.02 0.00	49.42 -0.06 0.00
AUBURN___LFGE 323710	42.34 0.23 0.00	33.18 -0.01 0.00	31.88 -0.08 -0.08	35.06 -0.21 -0.26	31.67 -0.09 0.00	31.85 -0.02 0.00	35.46 0.10 -0.11	34.64 -0.09 -0.03	33.69 -0.04 0.00	34.98 0.03 0.00	41.82 0.33 0.00	45.14 0.45 0.00	48.08 0.50 -0.22	56.01 0.84 -0.38	55.68 0.84 0.00	57.85 1.04 0.00	54.32 1.44 -0.12	48.32 1.97 8.14	67.97 2.65 -4.58	76.01 2.65 -5.22	55.55 1.52 0.00	56.12 1.09 -0.03	53.92 0.93 -0.13	51.60 0.80 -1.32
BABYLON_RES_REC 323704	44.35 2.24 0.00	34.88 1.69 0.00	33.56 1.67 0.00	36.84 1.84 0.00	35.40 1.58 -2.04	52.94 1.73 -19.35	36.87 1.63 0.00	36.09 1.38 0.00	35.24 1.51 0.00	36.98 1.15 -0.89	43.31 1.46 -0.36	45.46 1.34 0.58	49.25 1.38 -0.50	57.03 1.60 -0.65	80.45 2.25 -23.36	87.58 3.01 -27.76	79.02 3.24 -23.01	57.65 3.17 0.00	63.67 2.93 0.00	68.26 1.49 1.38	52.37 0.29 1.96	48.50 -0.03 6.47	30.83 0.43 22.47	31.11 0.36 18.74
BALL_HILL_WT_PWR 323825	41.76 -0.35 0.00	32.21 -0.99 0.00	30.55 -1.33 0.00	33.74 -1.26 0.00	30.63 -1.13 0.00	30.85 -1.01 0.00	34.70 -0.54 0.00	33.98 -0.73 0.00	33.35 -0.38 0.00	35.87 0.92 0.00	43.41 1.91 0.00	47.18 2.49 0.00	50.13 2.76 0.00	58.20 3.41 0.00	57.68 2.85 0.00	60.03 3.21 0.00	55.74 2.98 0.00	58.07 3.58 0.00	65.10 4.36 0.00	72.06 3.91 0.00	51.64 2.35 4.74	57.06 2.06 0.00	55.21 2.34 0.00	51.98 2.50 0.00
BARON_WINDS___WT_PWR 323822	41.18 -0.93 0.00	32.10 -1.10 0.00	30.79 -1.13 -0.03	34.08 -1.02 -0.10	30.92 -0.85 0.00	30.92 -0.95 0.00	34.44 -0.84 -0.04	33.69 -1.02 -0.01	32.37 -1.08 0.28	-2.88 -1.04 36.79	-9.50 -0.72 50.27	8.75 -0.71 35.23	46.23 -0.29 0.85	54.91 -0.02 -0.14	54.69 -0.15 0.00	57.48 0.67 0.00	54.54 1.74 -0.03	56.87 2.30 -0.09	65.17 3.16 -1.26	72.41 2.83 -1.43	58.01 1.44 -2.53	55.83 0.83 -0.01	53.88 0.98 -0.04	50.91 1.06 -0.36
BARRETT_IC_1 23704	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT_IC_10 23701	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT_IC_11 23702	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT_IC_12 23703	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT_IC_2 23705	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT_IC_3 23706	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT_IC_4 23707	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT_IC_5 23708	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83

BARRETT_IC_6 23709	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT_IC_7 23710	44.07 1.95 0.00	34.64 1.45 0.00	33.28 1.39 0.00	36.50 1.49 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.54 1.30 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.20 1.71 -0.99	50.04 1.74 -3.61	49.91 1.82 -0.72	58.14 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.33 0.00	63.95 3.21 0.00	73.23 2.01 -3.07	58.92 0.85 -4.04	59.60 0.51 -4.09	95.20 0.98 -41.35	62.09 0.78 -11.83
BARRETT_IC_8 23711	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT_IC_9 23700	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT___1 23545	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BARRETT___2 23546	44.07 1.95 0.00	34.65 1.45 -0.01	33.28 1.39 0.00	36.50 1.50 0.00	35.18 1.29 -2.12	53.49 1.56 -20.06	36.55 1.31 0.00	35.79 1.09 0.00	34.97 1.24 0.00	37.00 1.17 -0.89	44.17 1.69 -1.00	50.00 1.70 -3.61	49.91 1.82 -0.72	58.15 2.22 -1.14	81.80 2.71 -24.25	88.08 3.50 -27.76	79.17 3.39 -23.01	57.81 3.32 0.00	63.95 3.21 0.00	73.21 1.98 -3.07	58.88 0.81 -4.04	59.60 0.51 -4.09	95.17 0.95 -41.35	62.08 0.77 -11.83
BATAVIA___115KV_TB1 55881	42.72 0.60 0.00	32.96 -0.23 0.00	31.22 -0.66 0.00	34.45 -0.55 0.00	31.28 -0.48 0.00	31.52 -0.35 0.00	35.37 0.12 0.00	34.63 -0.07 0.00	33.74 0.01 0.00	36.18 1.23 0.00	43.49 2.00 0.00	47.14 2.45 0.00	50.05 2.68 0.00	58.07 3.28 0.00	57.72 2.88 0.00	60.12 3.31 0.00	55.97 3.21 0.00	58.42 3.94 0.00	65.69 4.95 0.00	73.41 5.26 0.00	57.69 3.65 0.00	58.45 3.45 0.00	56.16 3.30 0.00	52.98 3.49 0.00
BAYONEEC___CTG1 323682	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00
BAYONEEC___CTG10 323750	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00
BAYONEEC___CTG2 323683	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00
BAYONEEC___CTG3 323684	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00
BAYONEEC___CTG4 323685	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00
BAYONEEC___CTG5 323686	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00
BAYONEEC___CTG6 323687	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00
BAYONEEC___CTG7 323688	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00

BAYONEEC___CTG8 323689	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00
BAYONEEC___CTG9 323749	43.96 1.84 0.00	34.58 1.39 0.00	33.06 1.18 0.00	36.17 1.16 0.00	32.78 1.02 0.00	32.90 1.03 0.00	36.46 1.21 0.00	36.12 1.42 0.00	35.44 1.70 0.00	37.63 1.78 -0.89	44.23 2.18 -0.56	47.52 2.07 -0.76	50.10 2.02 -0.71	58.01 2.08 -1.14	57.03 2.20 0.00	60.04 3.23 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.95 1.09 0.00	50.71 1.23 0.00
BEACON___LESR 323632	42.24 0.13 0.00	33.33 0.13 0.00	32.11 0.22 0.00	35.18 0.18 0.00	31.90 0.13 0.00	32.04 0.18 0.00	35.32 0.08 0.00	34.82 0.11 0.00	33.80 0.06 0.00	34.81 -0.14 0.00	40.74 -0.32 0.43	43.79 -0.32 0.59	46.29 -0.52 0.55	53.14 -0.77 0.88	54.39 -0.45 0.00	57.03 0.21 0.00	53.25 0.48 0.00	55.50 1.02 0.00	61.98 1.24 0.00	68.77 0.62 0.00	54.23 0.19 0.00	54.66 -0.34 0.00	52.61 -0.26 0.00	49.20 -0.28 0.00
BEAVER RIVER___HYD 24048	44.30 2.18 0.00	34.88 1.69 0.00	33.41 1.48 -0.04	36.74 1.60 -0.14	33.23 1.46 0.00	33.41 1.54 0.00	37.11 1.81 -0.06	36.25 1.53 -0.01	34.69 0.96 0.00	35.77 0.81 0.00	42.37 0.88 0.00	45.42 0.73 0.00	48.35 0.86 -0.12	55.99 1.00 -0.20	55.74 0.90 0.00	57.53 0.72 0.00	53.78 0.95 -0.06	-106.53 1.07 162.08	65.18 1.94 -2.49	74.30 3.31 -2.84	57.31 3.28 0.00	58.57 3.56 -0.02	56.14 3.21 -0.07	52.92 2.72 -0.72
BEEBEE_GT_13 23619	42.38 0.26 0.00	32.91 -0.29 0.00	31.30 -0.59 0.00	34.45 -0.55 0.00	31.28 -0.49 0.00	31.47 -0.40 0.00	35.14 -0.11 0.00	34.50 -0.21 0.00	33.69 -0.04 0.00	35.85 0.90 0.00	43.04 1.55 0.00	46.68 1.99 0.00	49.47 2.10 0.00	57.44 2.65 0.00	57.21 2.37 0.00	59.61 2.80 0.00	55.51 2.74 0.00	57.76 3.28 0.00	64.67 3.93 0.00	71.94 3.79 0.00	56.46 2.42 0.00	57.14 2.14 0.00	54.86 2.00 0.00	51.58 2.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.55 2.43 0.00	34.99 1.79 0.00	33.37 1.48 0.00	36.51 1.51 0.00	33.12 1.35 0.00	33.23 1.36 0.00	36.86 1.61 0.00	36.51 1.80 0.00	35.84 2.11 0.00	38.02 2.18 -0.89	44.71 2.66 -0.56	48.06 2.61 -0.76	50.54 2.46 -0.71	58.59 2.67 -1.14	57.49 2.65 0.00	60.59 3.78 0.00	56.41 3.64 0.00	58.53 4.04 0.00	64.75 4.00 0.00	71.15 3.00 0.00	55.82 1.78 0.00	56.21 1.21 0.00	54.46 1.60 0.00	51.25 1.76 0.00
BETHLEHEM___GRP 23843	41.61 -0.50 0.00	32.90 -0.29 0.00	31.73 -0.16 0.00	34.75 -0.26 0.00	31.57 -0.20 0.00	31.68 -0.19 0.00	34.86 -0.38 0.00	34.39 -0.31 0.00	33.36 -0.38 0.00	34.33 -0.62 0.00	40.14 -0.94 0.41	43.09 -1.05 0.55	45.66 -1.19 0.52	52.44 -1.51 0.83	53.52 -1.32 0.00	56.03 -0.78 0.00	52.24 -0.52 0.00	54.33 -0.16 0.00	60.57 -0.17 0.00	67.30 -0.85 0.00	53.27 -0.77 0.00	53.76 -1.24 0.00	51.72 -1.14 0.00	48.34 -1.15 0.00
BETHLEHEM___GS1 323560	41.62 -0.50 0.00	32.90 -0.30 0.00	31.73 -0.16 0.00	34.75 -0.25 0.00	31.57 -0.20 0.00	31.68 -0.19 0.00	34.86 -0.38 0.00	34.39 -0.31 0.00	33.36 -0.37 0.00	34.33 -0.62 0.00	40.14 -0.94 0.41	43.09 -1.05 0.55	45.66 -1.19 0.52	52.44 -1.51 0.83	53.52 -1.32 0.00	56.04 -0.78 0.00	52.24 -0.52 0.00	54.33 -0.16 0.00	60.57 -0.17 0.00	67.30 -0.85 0.00	53.27 -0.77 0.00	53.76 -1.24 0.00	51.72 -1.14 0.00	48.34 -1.15 0.00
BETHLEHEM___GS2 323561	41.62 -0.50 0.00	32.90 -0.30 0.00	31.73 -0.16 0.00	34.75 -0.25 0.00	31.57 -0.20 0.00	31.68 -0.19 0.00	34.86 -0.38 0.00	34.39 -0.31 0.00	33.36 -0.37 0.00	34.33 -0.62 0.00	40.14 -0.94 0.41	43.09 -1.05 0.55	45.66 -1.19 0.52	52.44 -1.51 0.83	53.52 -1.32 0.00	56.04 -0.78 0.00	52.24 -0.52 0.00	54.33 -0.16 0.00	60.57 -0.17 0.00	67.30 -0.85 0.00	53.27 -0.77 0.00	53.76 -1.24 0.00	51.72 -1.14 0.00	48.34 -1.15 0.00
BETHLEHEM___GS3 323562	41.62 -0.50 0.00	32.90 -0.30 0.00	31.73 -0.16 0.00	34.75 -0.25 0.00	31.57 -0.20 0.00	31.68 -0.19 0.00	34.86 -0.38 0.00	34.39 -0.31 0.00	33.36 -0.37 0.00	34.33 -0.62 0.00	40.14 -0.94 0.41	43.09 -1.05 0.55	45.66 -1.19 0.52	52.44 -1.51 0.83	53.52 -1.32 0.00	56.04 -0.78 0.00	52.24 -0.52 0.00	54.33 -0.16 0.00	60.57 -0.17 0.00	67.30 -0.85 0.00	53.27 -0.77 0.00	53.76 -1.24 0.00	51.72 -1.14 0.00	48.34 -1.15 0.00
BETHLEHEM___STEEL 23779	41.81 -0.31 0.00	32.23 -0.96 0.00	30.53 -1.36 0.00	33.73 -1.28 0.00	30.62 -1.14 0.00	30.84 -1.03 0.00	34.62 -0.62 0.00	33.93 -0.77 0.00	33.30 -0.43 0.00	35.95 1.00 0.00	43.44 1.94 0.00	47.18 2.49 0.00	50.18 2.81 0.00	58.25 3.46 0.00	57.68 2.85 0.00	60.06 3.25 0.00	55.78 3.02 0.00	58.08 3.59 0.00	65.02 4.28 0.00	72.05 3.90 0.00	56.43 2.40 0.00	57.15 2.15 0.00	55.15 2.28 0.00	52.12 2.63 0.00
BETHLHEM_115KV_TB1 79974	41.75 -0.37 0.00	32.99 -0.20 0.00	31.80 -0.09 0.00	34.84 -0.16 0.00	31.64 -0.12 0.00	31.75 -0.11 0.00	34.95 -0.29 0.00	34.47 -0.23 0.00	33.46 -0.28 0.00	34.46 -0.49 0.00	40.34 -0.77 0.38	43.30 -0.87 0.52	45.88 -1.00 0.49	52.72 -1.28 0.78	53.74 -1.10 0.00	56.24 -0.57 0.00	52.42 -0.35 0.00	54.50 0.02 0.00	60.78 0.03 0.00	67.51 -0.64 0.00	53.45 -0.58 0.00	53.95 -1.05 0.00	51.91 -0.95 0.00	48.53 -0.95 0.00
BETHPAGE_CC_5 323564	44.06 1.95 0.00	34.66 1.46 0.00	33.35 1.46 0.00	36.61 1.61 0.00	35.13 1.37 -2.00	52.34 1.52 -18.95	36.62 1.38 0.00	35.86 1.15 0.00	35.06 1.33 0.00	37.03 1.19 -0.89	43.57 1.69 -0.39	45.98 1.69 0.40	49.74 1.80 -0.57	57.84 2.25 -0.80	81.21 2.78 -23.60	88.17 3.60 -27.76	79.46 3.68 -23.01	58.15 3.67 0.00	64.24 3.50 0.00	69.08 2.14 1.21	53.15 0.83 1.72	49.65 0.47 5.82	34.33 0.78 19.31	33.21 0.58 16.85
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.86 -0.25 0.00	32.29 -0.91 0.00	30.58 -1.31 0.00	33.77 -1.23 0.00	30.66 -1.10 0.00	30.88 -0.99 0.00	34.68 -0.56 0.00	33.99 -0.72 0.00	33.36 -0.37 0.00	36.00 1.04 0.00	43.50 2.01 0.00	47.26 2.57 0.00	50.29 2.92 0.00	58.39 3.60 0.00	57.85 3.02 0.00	60.26 3.45 0.00	55.99 3.23 0.00	58.29 3.80 0.00	65.27 4.52 0.00	72.27 4.12 0.00	56.59 2.55 0.00	57.27 2.27 0.00	55.25 2.39 0.00	52.18 2.70 0.00
BINGHAMTON___COGEN 23790	42.05 -0.07 0.00	32.95 -0.24 0.00	31.67 -0.26 -0.04	34.91 -0.22 -0.13	31.56 -0.20 0.00	31.67 -0.20 0.00	35.19 -0.11 -0.06	34.56 -0.16 -0.01	33.68 -0.06 0.00	35.07 0.12 0.00	41.96 0.47 0.00	45.25 0.55 0.00	48.20 0.73 -0.11	55.90 0.93 -0.18	55.76 0.93 0.00	58.23 1.41 0.00	54.44 1.62 -0.06	56.68 2.04 -0.15	65.46 2.55 -2.17	72.72 2.10 -2.47	55.17 1.13 0.00	55.75 0.74 -0.01	53.70 0.78 -0.06	50.72 0.61 -0.62

BIXINCNT_115KV_LOAD 355685	41.83 -0.28 0.00	32.37 -0.82 0.00	30.67 -1.22 0.00	33.83 -1.17 0.00	30.76 -1.00 0.00	30.90 -0.96 0.00	34.78 -0.46 0.00	34.01 -0.69 0.00	33.46 -0.27 0.00	35.92 0.97 0.00	43.36 1.87 0.00	47.14 2.45 0.00	50.17 2.80 0.00	58.31 3.52 0.00	57.83 2.99 0.00	60.33 3.52 0.00	56.19 3.43 0.00	58.51 4.03 0.00	65.51 4.77 0.00	72.11 3.96 0.00	56.33 2.29 0.00	56.88 1.88 0.00	55.20 2.34 0.00	51.98 2.50 0.00
BLACK RIVER___HYD 24047	44.93 2.81 0.00	35.27 2.07 0.00	33.76 1.80 -0.07	37.20 1.96 -0.24	33.55 1.79 0.00	33.77 1.90 0.00	37.56 2.21 -0.11	36.62 1.89 -0.02	35.00 1.27 0.00	36.07 1.12 0.00	42.77 1.28 0.00	45.70 1.01 0.00	48.76 1.19 -0.20	56.52 1.39 -0.35	56.17 1.33 0.00	58.09 1.27 0.00	54.49 1.62 -0.11	-55.00 2.06 111.54	68.29 3.35 -4.20	77.99 5.06 -4.78	58.64 4.61 0.00	59.94 4.91 -0.03	57.37 4.39 -0.12	54.38 3.69 -1.21
BLACKRVR_115KV_TB2 79977	44.93 2.81 0.00	35.27 2.07 0.00	33.76 1.80 -0.07	37.20 1.96 -0.24	33.55 1.79 0.00	33.77 1.90 0.00	37.56 2.21 -0.11	36.63 1.90 -0.02	35.00 1.27 0.00	36.07 1.12 0.00	42.77 1.28 0.00	45.70 1.01 0.00	48.76 1.19 -0.20	56.52 1.39 -0.35	56.17 1.33 0.00	58.09 1.28 0.00	54.49 1.62 -0.11	-55.00 2.06 111.54	68.28 3.34 -4.20	77.99 5.06 -4.78	58.64 4.60 0.00	59.94 4.91 -0.03	57.37 4.39 -0.12	54.37 3.69 -1.21
BLDWN_LI_69_KV_BK4 356085	44.45 2.33 0.00	34.92 1.73 0.00	33.54 1.65 0.00	36.77 1.77 0.00	35.21 1.53 -1.92	51.77 1.73 -18.17	36.84 1.60 0.00	36.12 1.42 0.00	35.32 1.58 0.00	37.36 1.53 -0.89	44.20 2.15 -0.56	47.71 2.26 -0.76	50.47 2.39 -0.71	58.87 2.94 -1.14	82.37 3.29 -24.25	88.57 4.00 -27.76	79.78 4.00 -23.01	58.65 4.17 0.00	64.86 4.12 0.00	71.09 2.94 0.00	55.46 1.50 0.08	53.80 1.23 2.42	53.78 1.53 0.62	43.71 1.25 7.02
BLISS_WT_PWR 323608	41.78 -0.33 0.00	32.34 -0.85 0.00	30.63 -1.26 0.00	33.79 -1.21 0.00	30.72 -1.04 0.00	30.86 -1.01 0.00	34.74 -0.50 0.00	33.94 -0.76 0.00	33.44 -0.29 0.00	35.88 0.93 0.00	43.32 1.83 0.00	47.11 2.42 0.00	50.17 2.80 0.00	58.32 3.53 0.00	57.84 3.00 0.00	60.35 3.54 0.00	56.19 3.43 0.00	58.53 4.05 0.00	65.50 4.75 0.00	72.00 3.85 0.00	50.71 2.18 5.51	56.76 1.76 0.00	55.13 2.27 0.00	51.92 2.44 0.00
BLUESTONE___WT_PWR 323821	42.81 0.70 0.00	34.19 0.99 0.00	33.03 1.11 -0.04	36.48 1.37 -0.11	33.04 1.27 0.00	33.14 1.27 0.00	36.56 1.27 -0.05	35.53 0.81 -0.01	34.83 1.10 0.00	36.41 1.46 0.00	43.50 2.00 0.00	46.85 2.15 0.00	49.89 2.43 -0.09	57.90 2.95 -0.16	57.84 3.00 0.00	60.47 3.66 0.00	56.69 3.88 -0.05	59.29 4.67 -0.13	68.49 5.86 -1.89	76.36 6.06 -2.15	59.35 4.21 -1.11	58.49 3.47 -0.01	55.98 3.06 -0.05	52.86 2.84 -0.54
BLUE_CIRC_CHEM_DRP 24182	41.41 -0.71 0.00	32.71 -0.48 0.00	31.54 -0.35 0.00	34.60 -0.41 0.00	31.40 -0.36 0.00	31.50 -0.37 0.00	34.68 -0.57 0.00	34.13 -0.57 0.00	33.03 -0.70 0.00	34.01 -0.94 0.00	39.92 -1.31 0.27	42.85 -1.48 0.36	45.39 -1.64 0.34	52.24 -2.00 0.55	52.98 -1.86 0.00	55.42 -1.39 0.00	51.63 -1.13 0.00	53.63 -0.86 0.00	59.95 -0.80 0.00	66.80 -1.35 0.00	53.00 -1.04 0.00	53.54 -1.46 0.00	51.52 -1.34 0.00	48.17 -1.32 0.00
BOC_GAS_DRP 24189	42.04 -0.07 0.00	33.18 -0.01 0.00	31.97 0.08 0.00	35.08 0.07 0.00	31.82 0.05 0.00	31.90 0.04 0.00	35.15 -0.09 0.00	34.66 -0.04 0.00	33.69 -0.05 0.00	34.78 -0.17 0.00	40.92 -0.31 0.26	43.94 -0.40 0.35	46.56 -0.48 0.33	53.59 -0.68 0.52	54.30 -0.53 0.00	56.75 -0.06 0.00	52.85 0.09 0.00	54.88 0.39 0.00	61.16 0.41 0.00	67.95 -0.20 0.00	53.81 -0.23 0.00	54.37 -0.64 0.00	52.35 -0.52 0.00	48.96 -0.52 0.00
BOONVILLE_115KV_TB1 79983	43.68 1.57 0.00	34.35 1.16 0.00	32.95 1.04 -0.02	36.23 1.15 -0.07	32.81 1.04 0.00	32.97 1.10 0.00	36.55 1.27 -0.03	35.84 1.13 -0.01	34.58 0.84 0.00	35.71 0.76 0.00	42.41 0.92 0.00	45.60 0.91 0.00	48.43 1.01 -0.06	56.13 1.24 -0.10	56.07 1.23 0.00	58.20 1.39 0.00	54.36 1.56 -0.03	-4.31 1.93 60.73	64.62 2.65 -1.22	72.92 3.38 -1.39	56.78 2.74 0.00	57.67 2.66 -0.01	55.30 2.40 -0.04	51.80 1.97 -0.35
BORALEX_4TH_BRANCH 23824	43.16 1.05 0.00	34.15 0.95 0.00	32.97 1.08 0.00	36.27 1.27 0.00	32.83 1.06 0.00	33.00 1.13 0.00	36.34 1.10 0.00	35.76 1.05 0.00	34.58 0.85 0.00	35.63 0.53 -0.15	40.53 0.14 1.10	43.24 0.04 1.49	45.82 -0.13 1.41	52.13 -0.40 2.25	54.79 -0.05 0.00	57.65 0.84 0.00	53.69 0.92 0.00	56.10 1.61 0.00	62.73 1.98 0.00	69.62 1.47 0.00	55.21 1.18 0.00	55.65 0.66 0.00	53.54 0.68 0.00	50.00 0.52 0.00
BOWLINE___1 23526	43.35 1.24 0.00	34.07 0.87 0.00	32.64 0.75 0.00	35.76 0.75 0.00	32.44 0.67 0.00	32.48 0.61 0.00	35.96 0.72 0.00	35.58 0.87 0.00	34.82 1.09 0.00	34.50 1.11 1.56	43.44 1.43 -0.52	46.87 1.47 -0.71	49.53 1.50 -0.67	57.44 1.58 -1.07	56.51 1.68 0.00	59.42 2.61 0.00	55.38 2.62 0.00	57.54 3.05 0.00	63.86 3.11 0.00	70.41 2.26 0.00	55.18 1.15 0.00	55.52 0.52 0.00	53.61 0.75 0.00	50.18 0.70 0.00
BOWLINE___2 23595	43.41 1.29 0.00	34.12 0.92 0.00	32.67 0.78 0.00	35.79 0.79 0.00	32.45 0.69 0.00	32.51 0.64 0.00	36.01 0.77 0.00	35.63 0.92 0.00	34.87 1.14 0.00	34.55 1.16 1.56	43.50 1.49 -0.52	46.94 1.54 -0.71	49.60 1.56 -0.67	57.52 1.66 -1.07	56.60 1.76 0.00	59.51 2.70 0.00	55.46 2.69 0.00	57.60 3.11 0.00	63.95 3.20 0.00	70.51 2.36 0.00	55.26 1.22 0.00	55.61 0.60 0.00	53.70 0.83 0.00	50.27 0.78 0.00
BRADY___115KV_TB2 356060	43.52 1.41 0.00	34.54 1.35 0.00	33.08 1.19 0.00	36.33 1.33 0.00	32.98 1.22 0.00	33.06 1.19 0.00	36.71 1.47 0.00	35.90 1.19 0.00	34.38 0.65 0.00	35.46 0.51 0.00	41.89 0.40 0.00	45.12 0.43 0.00	47.94 0.57 0.00	55.44 0.65 0.00	55.20 0.36 0.00	56.01 -0.81 0.00	51.82 -0.94 0.00	-518.47 -2.27 570.69	58.18 -2.56 0.00	67.16 -0.99 0.00	54.66 0.62 0.00	56.51 1.51 0.00	54.24 1.38 0.00	50.93 1.44 0.00
BRANSCOMB___SOLAR 323811	43.37 1.26 0.00	34.23 1.03 0.00	32.98 1.09 0.00	36.24 1.23 0.00	32.80 1.03 0.00	32.95 1.09 0.00	36.33 1.09 0.00	35.78 1.07 0.00	34.58 0.84 0.00	35.50 0.55 0.00	41.22 0.28 0.55	44.23 0.29 0.75	46.83 0.17 0.71	53.67 0.02 1.13	55.15 0.32 0.00	57.92 1.11 0.00	54.25 1.48 0.00	56.75 2.27 0.00	63.86 3.11 0.00	71.20 3.05 0.00	56.40 2.37 0.00	56.83 1.82 0.00	54.50 1.64 0.00	50.79 1.31 0.00
BRDGHMPT_69_KV_BK1 55812	46.01 3.90 0.00	35.88 2.68 0.00	34.46 2.57 0.00	37.96 2.95 0.00	36.33 2.45 -2.11	54.15 2.29 -19.99	37.58 2.34 0.00	36.65 1.94 0.00	35.87 2.14 0.00	37.84 2.00 -0.89	44.58 2.76 -0.32	46.66 2.86 0.89	50.52 2.86 -0.28	58.85 3.93 -0.13	82.18 5.22 -22.13	90.67 6.10 -27.76	81.91 6.14 -23.01	60.55 6.06 0.00	66.81 6.07 0.00	71.03 4.53 1.65	54.02 2.32 2.33	49.68 2.18 7.49	27.96 2.48 27.38	29.89 2.11 21.70



BRENTWOD_69_KV_W. BRTWOOD 56703	44.53 2.41 0.00	35.06 1.86 0.00	33.76 1.87 0.00	37.12 2.11 0.00	35.68 1.82 -2.10	53.69 1.94 -19.89	37.07 1.83 0.00	36.23 1.53 0.00	35.35 1.62 0.00	37.27 1.43 -0.89	43.80 1.97 -0.33	45.73 1.92 0.88	49.51 1.97 -0.17	57.21 2.52 0.10	81.24 3.12 -23.28	88.06 3.49 -27.76	79.73 3.95 -23.01	58.43 3.95 0.00	64.53 3.79 0.00	68.85 3.79 1.60	52.72 0.96 2.27	48.38 0.70 7.33	27.28 0.99 26.57	29.06 0.79 21.21
BRISTLHL_115KV_TB1 79998	41.41 -0.71 0.00	32.52 -0.67 0.00	31.36 -0.71 -0.18	34.79 -0.78 -0.57	31.07 -0.69 0.00	31.20 -0.67 0.00	34.80 -0.70 -0.25	34.06 -0.70 -0.05	33.06 -0.67 0.00	34.39 -0.56 0.00	40.93 -0.56 0.00	44.11 -0.58 0.00	47.23 -0.62 -0.48	54.94 -0.66 -0.82	54.20 -0.64 0.00	56.49 -0.32 0.00	52.90 -0.13 -0.26	41.28 0.19 13.39	71.07 0.43 -9.90	79.62 0.18 -11.28	53.93 -0.11 0.00	54.69 -0.38 -0.07	52.70 -0.45 -0.29	51.90 -0.43 -2.84
BROOKHAVEN___DRP 24191	44.54 2.43 0.00	34.99 1.80 0.00	33.66 1.77 0.00	37.00 2.00 0.00	35.56 1.69 -2.11	53.61 1.75 -19.99	36.90 1.66 0.00	36.05 1.35 0.00	35.21 1.48 0.00	37.13 1.30 -0.89	43.60 1.78 -0.32	45.42 1.62 0.89	49.19 1.53 -0.29	57.03 2.10 -0.15	79.90 2.90 -22.16	88.15 3.58 -27.76	79.54 3.76 -23.01	58.19 3.70 0.00	64.21 3.47 0.00	68.36 1.86 1.65	52.23 0.52 2.34	47.72 0.21 7.50	26.01 0.54 27.40	28.11 0.34 21.71
BROOKLYN_NAVY_YARD 23515	43.98 1.87 0.00	34.60 1.40 0.00	33.07 1.19 0.00	36.18 1.17 0.00	32.79 1.02 0.00	32.90 1.04 0.00	36.47 1.22 0.00	36.13 1.43 0.00	35.43 1.70 0.00	37.62 1.78 -0.89	44.19 2.13 -0.56	47.48 2.03 -0.76	50.09 2.01 -0.71	57.99 2.07 -1.14	57.00 2.16 0.00	60.01 3.20 0.00	55.89 3.12 0.00	58.01 3.52 0.00	64.21 3.46 0.00	70.59 2.44 0.00	55.33 1.29 0.00	55.75 0.75 0.00	54.00 1.14 0.00	50.71 1.23 0.00
BROOKLYN___ARMY_DRP 323595	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
BROOME_2_LFGE 323671	42.05 -0.07 0.00	32.95 -0.24 0.00	31.67 -0.26 -0.04	34.92 -0.22 -0.13	31.56 -0.20 0.00	31.67 -0.20 0.00	35.19 -0.11 -0.06	34.56 -0.16 -0.01	33.68 -0.06 0.00	35.07 0.12 0.00	41.96 0.47 0.00	45.25 0.55 0.00	48.20 0.73 -0.11	55.90 0.93 -0.18	55.76 0.93 0.00	58.23 1.42 0.00	54.44 1.62 -0.06	56.67 2.03 -0.15	65.46 2.54 -2.17	72.71 2.09 -2.47	56.50 1.13 -1.33	55.75 0.74 -0.01	53.70 0.77 -0.06	50.72 0.61 -0.62
BROOME___LFGE 323600	42.05 -0.07 0.00	32.95 -0.24 0.00	31.67 -0.26 -0.04	34.92 -0.22 -0.13	31.56 -0.20 0.00	31.67 -0.20 0.00	35.19 -0.11 -0.06	34.56 -0.16 -0.01	33.68 -0.06 0.00	35.07 0.12 0.00	41.96 0.47 0.00	45.25 0.55 0.00	48.20 0.73 -0.11	55.90 0.93 -0.18	55.76 0.93 0.00	58.23 1.42 0.00	54.44 1.62 -0.06	56.67 2.03 -0.15	65.46 2.54 -2.17	72.71 2.09 -2.47	56.50 1.13 -1.33	55.75 0.74 -0.01	53.70 0.77 -0.06	50.72 0.61 -0.62
BROWNFLS_115KV_TB_3_5 80003	43.70 1.59 0.00	34.58 1.38 0.00	33.12 1.20 -0.03	36.40 1.30 -0.10	32.96 1.19 0.00	33.10 1.23 0.00	36.77 1.48 -0.04	35.90 1.19 -0.01	34.34 0.61 0.00	35.42 0.47 0.00	41.86 0.37 0.00	44.96 0.27 0.00	47.83 0.38 -0.08	55.29 0.35 -0.14	55.02 0.18 0.00	56.35 -0.46 0.00	52.48 -0.33 -0.05	-239.79 -0.83 293.44	61.96 -0.50 -1.71	70.87 0.77 -1.95	55.66 1.62 0.00	57.23 2.22 -0.01	54.99 2.08 -0.05	51.84 1.87 -0.49
BROWNSV1_27_KV_LOAD 356125	44.55 2.43 0.00	35.02 1.82 0.00	33.46 1.57 0.00	36.60 1.60 0.00	33.17 1.40 0.00	33.28 1.42 0.00	36.91 1.67 0.00	36.56 1.85 0.00	35.86 2.12 0.00	38.09 2.24 -0.89	44.80 2.75 -0.56	48.17 2.73 -0.76	50.84 2.76 -0.71	58.89 2.96 -1.14	57.94 3.10 0.00	60.98 4.17 0.00	56.78 4.02 0.00	58.93 4.44 0.00	65.22 4.47 0.00	71.67 3.52 0.00	56.18 2.14 0.00	56.59 1.60 0.00	54.78 1.91 0.00	51.41 1.93 0.00
BURROWS___LYONSDAL 23803	43.84 1.72 0.00	34.48 1.28 0.00	33.06 1.14 -0.03	36.35 1.26 -0.08	32.91 1.14 0.00	33.08 1.21 0.00	36.69 1.41 -0.04	35.94 1.23 -0.01	34.61 0.87 0.00	35.73 0.78 0.00	42.41 0.92 0.00	45.56 0.87 0.00	48.42 0.98 -0.07	56.12 1.21 -0.12	56.01 1.18 0.00	58.09 1.27 0.00	54.25 1.45 -0.04	-24.36 1.78 80.62	64.75 2.53 -1.47	73.22 3.39 -1.68	56.93 2.89 0.00	57.89 2.88 -0.01	55.49 2.59 -0.04	52.06 2.15 -0.42
CAITHNESS_CC_1 323624	44.46 2.34 0.00	34.95 1.75 0.00	33.62 1.73 0.00	36.97 1.96 0.00	35.54 1.66 -2.11	53.59 1.73 -19.99	36.88 1.64 0.00	36.02 1.32 0.00	35.18 1.44 0.00	37.11 1.27 -0.89	43.53 1.71 -0.32	45.33 1.53 0.89	49.14 1.48 -0.30	56.95 1.99 -0.16	79.82 2.78 -22.20	88.00 3.42 -27.76	79.39 3.61 -23.01	58.01 3.53 0.00	64.01 3.27 0.00	68.14 1.64 1.65	52.05 0.35 2.34	47.57 0.07 7.50	25.82 0.37 27.42	28.00 0.24 21.72
CALPINE BETH_PAGE_GT4 24209	44.10 1.99 0.00	34.68 1.49 0.00	33.34 1.45 0.00	36.59 1.58 0.00	35.07 1.36 -1.95	51.87 1.51 -18.48	36.62 1.38 0.00	35.89 1.18 0.00	35.10 1.36 0.00	37.08 1.25 -0.89	43.68 1.77 -0.41	46.32 1.81 0.18	49.99 1.91 -0.71	58.29 2.36 -1.14	82.06 2.87 -24.35	88.28 3.71 -27.76	79.55 3.77 -23.01	58.26 3.77 0.00	64.37 3.63 0.00	69.47 2.33 1.01	53.59 1.00 1.45	50.53 0.60 5.08	37.52 0.93 16.28	35.48 0.70 14.70
CALPINE_BETH_PAGE_GT_4 323586	44.10 1.99 0.00	34.69 1.49 0.00	33.34 1.45 0.00	36.58 1.58 0.00	35.07 1.35 -1.95	51.87 1.51 -18.48	36.63 1.38 0.00	35.89 1.19 0.00	35.10 1.36 0.00	37.08 1.25 -0.89	43.66 1.75 -0.41	46.29 1.78 0.18	49.99 1.91 -0.71	58.29 2.36 -1.14	82.05 2.87 -24.35	88.28 3.71 -27.76	79.55 3.77 -23.01	58.26 3.78 0.00	64.37 3.63 0.00	69.45 2.31 1.01	53.55 0.96 1.45	50.52 0.60 5.08	37.48 0.90 16.28	35.47 0.69 14.70
CALPINE_BP_GT1 23823	44.10 1.99 0.00	34.69 1.49 0.00	33.34 1.45 0.00	36.58 1.58 0.00	35.07 1.35 -1.95	51.87 1.51 -18.48	36.63 1.38 0.00	35.89 1.19 0.00	35.10 1.36 0.00	37.08 1.25 -0.89	43.66 1.75 -0.41	46.29 1.78 0.18	49.99 1.91 -0.71	58.29 2.36 -1.14	82.05 2.87 -24.35	88.28 3.71 -27.76	79.55 3.77 -23.01	58.26 3.78 0.00	64.37 3.63 0.00	69.45 2.31 1.01	53.55 0.96 1.45	50.52 0.60 5.08	37.48 0.90 16.28	35.47 0.69 14.70
CALSPAN___DRP 24200	41.81 -0.31 0.00	32.23 -0.96 0.00	30.53 -1.36 0.00	33.73 -1.28 0.00	30.62 -1.14 0.00	30.84 -1.03 0.00	34.62 -0.62 0.00	33.93 -0.77 0.00	33.30 -0.43 0.00	35.95 1.00 0.00	43.44 1.94 0.00	47.18 2.49 0.00	50.18 2.81 0.00	58.25 3.46 0.00	57.68 2.85 0.00	60.06 3.25 0.00	55.78 3.02 0.00	58.08 3.59 0.00	65.02 4.28 0.00	72.05 3.90 0.00	56.43 2.40 0.00	57.15 2.15 0.00	55.15 2.28 0.00	52.12 2.63 0.00

CALVERTON___SOLAR 323806	44.70 2.59 0.00	35.08 1.89 0.00	33.75 1.86 0.00	37.10 2.10 0.00	35.64 1.76 -2.11	53.67 1.81 -19.99	36.98 1.74 0.00	36.12 1.41 0.00	35.28 1.55 0.00	37.21 1.37 -0.89	43.67 1.85 -0.32	45.50 1.69 0.89	49.30 1.64 -0.29	57.21 2.28 -0.14	80.14 3.15 -22.15	88.42 3.85 -27.76	79.81 4.04 -23.01	58.48 3.99 0.00	64.54 3.80 0.00	68.69 2.19 1.65	52.42 0.71 2.34	47.96 0.45 7.50	26.21 0.73 27.39	28.30 0.52 21.70
CANDIGU_WT_PWR 323617	41.18 -0.93 0.00	32.10 -1.10 0.00	30.79 -1.13 -0.03	34.08 -1.02 -0.10	30.92 -0.85 0.00	30.92 -0.95 0.00	34.44 -0.84 -0.04	33.69 -1.02 -0.01	32.37 -1.08 0.28	-2.88 -1.04 36.79	-9.50 -0.72 50.27	8.75 -0.71 35.23	46.23 -0.29 0.85	54.91 -0.02 -0.14	54.69 -0.15 0.00	57.48 0.67 0.00	54.54 1.74 -0.03	56.87 2.30 -0.09	65.17 3.16 -1.26	72.41 2.83 -1.43	58.01 1.44 -2.53	55.83 0.83 -0.01	53.88 0.98 -0.04	50.91 1.06 -0.36
CARR STREET_E_SYR 24060	41.66 -0.46 0.00	32.68 -0.52 0.00	31.38 -0.56 -0.05	34.57 -0.61 -0.17	31.23 -0.54 0.00	31.35 -0.52 0.00	34.81 -0.51 -0.07	34.20 -0.52 -0.02	33.25 -0.48 0.00	34.64 -0.31 0.00	41.31 -0.18 0.00	44.56 -0.13 0.00	47.32 -0.19 -0.14	54.87 -0.16 -0.25	54.70 -0.14 0.00	57.02 0.21 0.00	53.23 0.39 -0.08	43.65 0.73 11.57	64.75 1.02 -2.99	72.26 0.70 -3.41	54.28 0.24 0.00	54.94 -0.08 -0.02	52.83 -0.12 -0.09	50.29 -0.06 -0.86
CARTHAGE___PAPER 23857	44.84 2.72 0.00	35.26 2.07 0.00	33.77 1.81 -0.06	37.17 1.97 -0.20	33.56 1.80 0.00	33.76 1.89 0.00	37.55 2.22 -0.09	36.62 1.90 -0.02	34.99 1.26 0.00	36.00 1.05 0.00	42.62 1.13 0.00	45.61 0.92 0.00	48.63 1.09 -0.17	56.35 1.28 -0.29	56.03 1.19 0.00	57.85 1.03 0.00	54.18 1.32 -0.09	-75.02 1.60 131.10	67.03 2.74 -3.54	76.60 4.42 -4.03	58.21 4.18 0.00	59.52 4.50 -0.02	57.00 4.04 -0.10	53.93 3.43 -1.02
CASSADAGA_WT_PWR 323784	42.44 0.33 0.00	32.67 -0.53 0.00	30.93 -0.96 0.00	34.11 -0.90 0.00	30.99 -0.78 0.00	31.28 -0.59 0.00	35.28 0.04 0.00	34.56 -0.14 0.00	33.95 0.22 0.00	36.56 1.61 0.00	44.34 2.84 0.00	48.25 3.56 0.00	50.93 3.56 0.00	59.24 4.45 0.00	58.68 3.84 0.00	60.95 4.14 0.00	56.48 3.72 0.00	58.96 4.47 0.00	66.31 5.56 0.00	73.37 5.22 0.00	52.12 3.30 5.22	57.93 2.93 0.00	56.53 3.67 0.00	53.02 3.54 0.00
CE_DUNWOOD___DRP 24194	43.73 1.61 0.00	34.39 1.20 0.00	32.94 1.05 0.00	36.08 1.07 0.00	32.70 0.93 0.00	32.77 0.90 0.00	36.29 1.04 0.00	35.90 1.19 0.00	35.15 1.41 0.00	37.36 1.46 -0.96	43.86 1.81 -0.55	47.23 1.79 -0.75	49.88 1.80 -0.71	57.83 1.90 -1.14	56.85 2.02 0.00	59.81 3.00 0.00	55.74 2.98 0.00	57.90 3.41 0.00	64.20 3.46 0.00	70.70 2.55 0.00	55.44 1.40 0.00	55.82 0.82 0.00	53.95 1.09 0.00	50.55 1.06 0.00
CE_MILLWOOD___DRP 24193	43.62 1.50 0.00	34.31 1.11 0.00	32.86 0.97 0.00	35.99 0.99 0.00	32.62 0.86 0.00	32.70 0.83 0.00	36.21 0.96 0.00	35.82 1.11 0.00	35.05 1.32 0.00	37.30 1.35 -1.00	43.73 1.68 -0.55	47.11 1.67 -0.75	49.75 1.67 -0.71	57.69 1.77 -1.13	56.73 1.90 0.00	59.66 2.85 0.00	55.60 2.84 0.00	57.77 3.28 0.00	64.08 3.34 0.00	70.59 2.44 0.00	55.36 1.32 0.00	55.75 0.75 0.00	53.86 0.99 0.00	50.44 0.96 0.00
CE_NYC2_DRP 24202	44.00 1.88 0.00	34.62 1.42 0.00	33.06 1.17 0.00	36.17 1.16 0.00	32.82 1.05 0.00	32.94 1.07 0.00	36.50 1.26 0.00	36.18 1.48 0.00	35.52 1.78 0.00	37.66 1.81 -0.89	44.20 2.15 -0.56	47.45 2.01 -0.76	49.93 1.85 -0.71	57.80 1.88 -1.14	56.75 1.91 0.00	59.80 2.99 0.00	55.67 2.91 0.00	57.78 3.29 0.00	63.90 3.15 0.00	70.17 2.02 0.00	55.02 0.99 0.00	55.22 0.49 0.27	53.90 1.04 0.00	50.64 1.16 0.00
CE_NYC_DRP 24195	44.04 1.92 0.00	34.64 1.44 0.00	33.12 1.23 0.00	36.23 1.23 0.00	32.84 1.08 0.00	32.96 1.09 0.00	36.53 1.28 0.00	36.18 1.47 0.00	35.48 1.75 0.00	37.69 1.84 -0.89	44.32 2.27 -0.56	47.64 2.19 -0.76	50.25 2.18 -0.71	58.20 2.28 -1.14	57.21 2.38 0.00	60.23 3.42 0.00	56.10 3.33 0.00	58.21 3.72 0.00	64.42 3.68 0.00	70.81 2.66 0.00	55.48 1.44 0.00	55.90 0.90 0.00	54.11 1.25 0.00	50.81 1.33 0.00
CHAFFEE___LFGE 323603	41.86 -0.25 0.00	32.27 -0.93 0.00	30.57 -1.32 0.00	33.74 -1.26 0.00	30.64 -1.12 0.00	30.87 -1.00 0.00	34.66 -0.58 0.00	33.98 -0.73 0.00	33.36 -0.38 0.00	35.98 1.03 0.00	43.49 2.00 0.00	47.25 2.56 0.00	50.29 2.92 0.00	58.38 3.59 0.00	57.87 3.04 0.00	60.28 3.47 0.00	56.01 3.25 0.00	58.32 3.84 0.00	65.28 4.53 0.00	72.33 4.18 0.00	51.68 2.61 4.96	57.32 2.32 0.00	55.29 2.42 0.00	52.15 2.67 0.00
CHATEAUG_35_KV_LOAD 355732	42.61 0.49 0.00	33.90 0.70 0.00	32.45 0.56 0.00	35.69 0.69 0.00	32.40 0.63 0.00	32.46 0.59 0.00	36.03 0.78 0.00	35.35 0.65 0.00	34.15 0.41 0.00	35.24 0.28 0.00	41.72 0.22 0.00	44.87 0.18 0.00	47.67 0.31 0.00	55.20 0.41 0.00	55.09 0.25 0.00	56.26 -0.55 0.00	52.08 -0.68 0.00	22.88 -1.48 30.12	58.73 -2.02 0.00	67.01 -1.14 0.00	53.91 -0.12 0.00	55.41 0.41 0.00	52.96 0.09 0.00	49.71 0.23 0.00
CHATEAUG_WT_PWR 323614	42.46 0.35 0.00	33.81 0.62 0.00	32.38 0.49 0.00	35.61 0.61 0.00	32.33 0.56 0.00	32.41 0.54 0.00	35.94 0.70 0.00	35.28 0.58 0.00	34.12 0.39 0.00	35.21 0.26 0.00	41.72 0.23 0.00	44.86 0.17 0.00	47.65 0.28 0.00	55.17 0.38 0.00	55.09 0.25 0.00	56.31 -0.51 0.00	52.14 -0.62 0.00	65.64 -1.41 -12.56	58.87 -1.88 0.00	66.98 -1.17 0.00	53.81 -0.23 0.00	55.24 0.24 0.00	52.84 -0.02 0.00	49.59 0.11 0.00
CHAT_HIGH_FALL_HYD 323578	42.61 0.49 0.00	33.90 0.70 0.00	32.45 0.56 0.00	35.69 0.69 0.00	32.40 0.63 0.00	32.46 0.59 0.00	36.03 0.78 0.00	35.35 0.65 0.00	34.15 0.41 0.00	35.24 0.28 0.00	41.72 0.22 0.00	44.87 0.18 0.00	47.67 0.31 0.00	55.20 0.41 0.00	55.09 0.25 0.00	56.26 -0.55 0.00	52.08 -0.68 0.00	22.88 -1.48 30.12	58.73 -2.02 0.00	67.01 -1.14 0.00	53.91 -0.12 0.00	55.41 0.41 0.00	52.96 0.09 0.00	49.71 0.23 0.00
CHAUTAUQUA___LFGE 323629	42.08 -0.03 0.00	32.42 -0.78 0.00	30.75 -1.14 0.00	33.94 -1.06 0.00	30.82 -0.95 0.00	31.08 -0.79 0.00	35.00 -0.24 0.00	34.28 -0.43 0.00	33.65 -0.08 0.00	36.16 1.21 0.00	43.82 2.33 0.00	47.65 2.96 0.00	50.58 3.21 0.00	58.74 3.96 0.00	58.23 3.40 0.00	60.56 3.74 0.00	56.19 3.43 0.00	58.58 4.09 0.00	65.78 5.03 0.00	72.80 4.65 0.00	51.89 2.84 4.99	57.53 2.53 0.00	55.82 2.95 0.00	52.43 2.95 0.00
CHERRYST_13_KV_LD 356241	44.18 2.07 0.00	34.75 1.55 0.00	33.23 1.34 0.00	36.35 1.35 0.00	32.94 1.18 0.00	33.07 1.20 0.00	36.67 1.43 0.00	36.33 1.62 0.00	35.63 1.90 0.00	37.86 2.01 -0.89	44.53 2.48 -0.56	47.87 2.42 -0.76	50.52 2.44 -0.71	58.49 2.57 -1.14	57.51 2.68 0.00	60.56 3.75 0.00	56.39 3.62 0.00	58.51 4.02 0.00	64.72 3.98 0.00	71.09 2.94 0.00	55.70 1.66 0.00	56.10 1.10 0.00	54.30 1.43 0.00	50.99 1.50 0.00

CHESTROR_138KV_BK263 355645	43.31 1.19 0.00	34.04 0.85 0.00	32.63 0.74 0.00	35.76 0.75 0.00	32.41 0.64 0.00	32.48 0.61 0.00	35.94 0.70 0.00	35.54 0.83 0.00	34.73 0.99 0.00	34.96 1.01 1.00	43.23 1.26 -0.48	46.64 1.30 -0.64	49.29 1.31 -0.61	57.18 1.42 -0.97	56.38 1.54 0.00	59.20 2.39 0.00	55.21 2.44 0.00	57.39 2.91 0.00	63.81 3.06 0.00	70.48 2.34 0.00	55.34 1.30 0.00	55.73 0.74 0.00	53.75 0.89 0.00	50.27 0.79 0.00
CH_MIDHUDSON___DRP 24192	43.62 1.50 0.00	34.29 1.10 0.00	32.88 0.99 0.00	36.03 1.03 0.00	32.63 0.87 0.00	32.72 0.86 0.00	36.19 0.95 0.00	35.80 1.09 0.00	34.98 1.24 0.00	36.20 1.25 0.00	43.41 1.52 -0.40	46.76 1.53 -0.54	49.42 1.54 -0.51	57.28 1.68 -0.82	56.70 1.86 0.00	59.62 2.81 0.00	55.63 2.87 0.00	57.84 3.36 0.00	64.25 3.50 0.00	70.85 2.70 0.00	55.65 1.62 0.00	56.04 1.04 0.00	54.06 1.20 0.00	50.51 1.03 0.00
CH_MISC_IPPS 23765	43.98 1.86 0.00	34.54 1.35 0.00	33.09 1.20 0.00	36.26 1.26 0.00	32.84 1.08 0.00	32.92 1.06 0.00	36.44 1.20 0.00	36.04 1.34 0.00	35.24 1.51 0.00	36.50 1.55 0.00	43.85 1.92 -0.44	47.28 1.99 -0.59	49.98 2.05 -0.56	57.96 2.28 -0.90	57.32 2.48 0.00	60.31 3.50 0.00	56.29 3.53 0.00	58.54 4.06 0.00	65.02 4.28 0.00	71.71 3.56 0.00	56.26 2.22 0.00	56.62 1.62 0.00	54.58 1.71 0.00	50.97 1.48 0.00
CH_RES_BVR_FALLS 23983	42.17 0.06 0.00	33.33 0.14 0.00	32.01 0.12 0.00	35.14 0.14 0.00	31.89 0.13 0.00	31.99 0.11 0.00	35.40 0.16 0.00	34.83 0.12 0.00	33.81 0.07 0.00	34.96 0.01 0.00	41.43 -0.06 0.00	44.63 -0.06 0.00	47.34 -0.02 0.00	54.79 0.01 0.00	54.75 -0.08 0.00	56.45 -0.36 0.00	52.38 -0.38 0.00	73.58 -0.68 -19.77	59.84 -0.91 0.00	67.49 -0.66 0.00	53.73 -0.30 0.00	54.93 -0.07 0.00	52.74 -0.13 0.00	49.43 -0.05 0.00
CH_RES_NIAGARA 23895	40.59 -1.52 0.00	31.30 -1.89 0.00	29.65 -2.24 0.00	32.87 -2.13 0.00	29.94 -1.82 0.00	30.16 -1.71 0.00	33.86 -1.39 0.00	33.15 -1.56 0.00	32.51 -1.22 0.00	35.22 0.27 0.00	42.49 1.00 0.00	46.09 1.40 0.00	48.91 1.54 0.00	56.67 1.88 0.00	55.99 1.16 0.00	58.20 1.39 0.00	54.08 1.32 0.00	56.27 1.78 0.00	62.62 1.87 0.00	69.37 1.22 0.00	54.71 0.67 0.00	55.65 0.65 0.00	53.83 0.96 0.00	51.17 1.69 0.00
CH_RES_SYRACUSE 23985	41.82 -0.29 0.00	32.88 -0.32 0.00	31.63 -0.36 -0.10	34.90 -0.42 -0.31	31.42 -0.35 0.00	31.55 -0.32 0.00	35.08 -0.29 -0.14	34.40 -0.33 -0.03	33.43 -0.30 0.00	34.78 -0.17 0.00	41.47 -0.02 0.00	44.73 0.04 0.00	47.71 0.08 -0.26	55.45 0.21 -0.45	55.08 0.24 0.00	57.40 0.59 0.00	53.67 0.76 -0.14	45.76 1.16 9.89	67.72 1.53 -5.44	75.68 1.32 -6.20	54.73 0.70 0.00	55.41 0.37 -0.04	53.30 0.27 -0.16	51.25 0.20 -1.56
CLINTON_WT_PWR 323605	42.46 0.35 0.00	33.81 0.62 0.00	32.38 0.49 0.00	35.61 0.61 0.00	32.33 0.56 0.00	32.41 0.54 0.00	35.94 0.70 0.00	35.28 0.58 0.00	34.12 0.39 0.00	35.21 0.26 0.00	41.72 0.23 0.00	44.86 0.17 0.00	47.65 0.28 0.00	55.17 0.38 0.00	55.09 0.25 0.00	56.31 -0.51 0.00	52.14 -0.62 0.00	65.64 -1.41 -12.56	58.87 -1.88 0.00	66.98 -1.17 0.00	53.81 -0.23 0.00	55.24 0.24 0.00	52.84 -0.02 0.00	49.59 0.11 0.00
CLINTON___LFGE 323618	42.77 0.66 0.00	34.20 1.00 0.00	32.69 0.80 0.00	35.98 0.97 0.00	32.65 0.88 0.00	32.75 0.89 0.00	36.32 1.08 0.00	35.58 0.87 0.00	34.31 0.58 0.00	35.37 0.42 0.00	41.95 0.45 0.00	45.07 0.37 0.00	47.86 0.50 0.00	55.40 0.61 0.00	55.43 0.59 0.00	56.68 -0.13 0.00	52.52 -0.25 0.00	53.51 -0.98 0.00	59.42 -1.33 0.00	67.70 -0.45 0.00	54.49 0.45 0.00	55.79 0.79 0.00	53.31 0.45 0.00	50.00 0.51 0.00
COBBLENY_34_KV_TB1 80064	41.86 -0.25 0.00	32.27 -0.93 0.00	30.57 -1.32 0.00	33.75 -1.26 0.00	30.65 -1.12 0.00	30.87 -1.00 0.00	34.66 -0.58 0.00	33.98 -0.73 0.00	33.36 -0.38 0.00	35.98 1.03 0.00	43.50 2.00 0.00	47.25 2.56 0.00	50.29 2.92 0.00	58.39 3.60 0.00	57.87 3.04 0.00	60.28 3.47 0.00	56.01 3.25 0.00	58.33 3.84 0.00	65.28 4.53 0.00	72.34 4.19 0.00	56.65 2.61 0.00	57.33 2.33 0.00	55.27 2.41 0.00	52.16 2.67 0.00
COFFEEN___115KV_TB3 355620	45.25 3.14 0.00	35.49 2.29 0.00	33.97 2.00 -0.08	37.43 2.17 -0.25	33.74 1.98 0.00	33.97 2.11 0.00	37.80 2.45 -0.11	36.83 2.10 -0.02	35.17 1.43 0.00	36.23 1.28 0.00	42.98 1.49 0.00	45.84 1.14 0.00	48.91 1.34 -0.21	56.70 1.55 -0.35	56.32 1.49 0.00	58.26 1.45 0.00	54.68 1.80 -0.11	-51.26 2.33 108.08	68.77 3.72 -4.31	78.67 5.61 -4.92	59.14 5.10 0.00	60.51 5.48 -0.03	57.89 4.90 -0.12	54.84 4.12 -1.24
COLDSPRG_115KV_BK1 355956	42.47 0.35 0.00	32.79 -0.40 0.00	31.10 -0.79 0.00	34.30 -0.70 0.00	31.16 -0.61 0.00	31.41 -0.46 0.00	35.41 0.17 0.00	34.74 0.03 0.00	34.10 0.37 0.00	36.57 1.62 0.00	44.22 2.73 0.00	48.03 3.34 0.00	50.62 3.25 0.00	58.88 4.09 0.00	58.34 3.50 0.00	60.81 4.00 0.00	56.55 3.79 0.00	58.97 4.49 0.00	66.21 5.46 0.00	73.12 4.97 0.00	57.10 3.06 0.00	57.66 2.66 0.00	56.47 3.60 0.00	52.88 3.40 0.00
COLONIE_LFGE___ 323577	42.85 0.73 0.00	33.83 0.63 0.00	32.60 0.71 0.00	35.81 0.80 0.00	32.43 0.67 0.00	32.58 0.71 0.00	35.90 0.65 0.00	35.37 0.67 0.00	34.27 0.53 0.00	35.27 0.32 0.00	40.93 0.09 0.65	43.88 0.07 0.88	46.49 -0.04 0.84	53.24 -0.21 1.33	54.87 0.03 0.00	57.54 0.73 0.00	53.70 0.94 0.00	56.00 1.51 0.00	62.60 1.86 0.00	69.61 1.46 0.00	55.14 1.11 0.00	55.61 0.60 0.00	53.44 0.58 0.00	49.91 0.43 0.00
COOPERNY_115KV_TB1 80082	42.96 0.84 0.00	33.78 0.59 0.00	32.41 0.52 0.00	35.54 0.54 0.00	32.22 0.46 0.00	32.29 0.42 0.00	35.71 0.47 0.00	35.26 0.56 0.00	34.42 0.69 0.00	35.21 0.73 0.47	42.76 0.94 -0.33	46.11 0.97 -0.44	48.80 1.02 -0.42	56.57 1.11 -0.67	56.05 1.21 0.00	58.65 1.84 0.00	54.66 1.90 0.00	56.77 2.28 0.00	63.20 2.46 0.00	70.04 1.89 0.00	55.09 1.05 0.00	55.59 0.59 0.00	53.56 0.70 0.00	50.09 0.61 0.00
COPENHAGEN_WT_PWR 323753	44.58 2.46 0.00	35.00 1.80 0.00	33.52 1.55 -0.08	36.95 1.69 -0.26	33.31 1.54 0.00	33.52 1.65 0.00	37.28 1.93 -0.11	36.38 1.65 -0.03	34.81 1.07 0.00	35.90 0.95 0.00	42.58 1.09 0.00	45.53 0.84 0.00	48.57 0.98 -0.22	56.33 1.17 -0.37	55.95 1.12 0.00	57.90 1.09 0.00	54.28 1.40 -0.12	-45.62 1.84 101.95	68.26 3.00 -4.52	77.82 4.52 -5.15	58.16 4.12 0.00	59.42 4.39 -0.03	56.92 3.92 -0.13	54.08 3.30 -1.30
CORNELL_____ 23752	42.74 0.63 0.00	33.50 0.30 0.00	32.17 0.23 -0.06	35.45 0.27 -0.17	32.03 0.26 0.00	32.16 0.29 0.00	35.76 0.44 -0.08	35.05 0.33 -0.02	33.97 0.24 0.00	35.20 0.25 0.00	41.95 0.45 0.00	45.19 0.50 0.00	48.22 0.70 -0.15	55.98 0.94 -0.25	55.75 0.91 0.00	58.18 1.36 0.00	54.51 1.67 -0.08	57.01 2.31 -0.21	66.99 3.26 -2.98	74.96 3.42 -3.40	56.35 2.32 0.00	56.91 1.89 -0.02	54.66 1.71 -0.09	51.77 1.43 -0.86

CORONA_69_KV_TB1 355595	44.46 2.34 0.00	34.94 1.74 0.00	33.52 1.64 0.00	36.75 1.75 0.00	35.08 1.53 -1.79	50.51 1.73 -16.91	36.86 1.62 0.00	36.17 1.46 0.00	35.37 1.64 0.00	37.46 1.62 -0.89	44.51 2.24 -0.77	49.20 2.36 -2.15	50.54 2.45 -0.72	58.90 2.97 -1.14	82.55 3.47 -24.25	88.87 4.29 -27.76	80.00 4.22 -23.01	58.69 4.20 0.00	64.96 4.21 0.00	72.75 3.10 -1.50	57.69 1.69 -1.96	58.02 1.26 -1.77	76.69 1.57 -22.25	55.94 1.34 -5.12
CORTLAND_115KV_TB3 80093	42.37 0.26 0.00	33.24 0.04 0.00	31.95 0.00 -0.06	35.22 0.04 -0.18	31.80 0.04 0.00	31.93 0.06 0.00	35.47 0.15 -0.08	34.82 0.09 -0.02	33.80 0.07 0.00	35.08 0.13 0.00	41.80 0.31 0.00	45.07 0.38 0.00	48.01 0.49 -0.15	55.71 0.67 -0.26	55.52 0.69 0.00	57.92 1.11 0.00	54.14 1.30 -0.08	46.66 1.77 9.60	66.24 2.38 -3.11	74.01 2.31 -3.55	55.52 1.49 0.00	56.13 1.10 -0.02	53.98 1.02 -0.09	51.20 0.83 -0.90
COXSACKIE___GT 23611	43.53 1.42 0.00	34.28 1.08 0.00	32.98 1.10 0.00	36.14 1.13 0.00	32.79 1.03 0.00	32.95 1.08 0.00	36.31 1.06 0.00	35.80 1.10 0.00	34.40 0.67 0.00	35.07 0.12 0.00	41.16 -0.15 0.18	44.23 -0.22 0.25	46.91 -0.22 0.24	54.20 -0.21 0.37	54.75 -0.08 0.00	57.58 0.76 0.00	53.86 1.09 0.00	56.54 2.05 0.00	63.96 3.21 0.00	71.61 3.46 0.00	56.86 2.82 0.00	57.15 2.15 0.00	54.71 1.85 0.00	50.85 1.37 0.00
CPV_VALLEY___CC1 323721	42.96 0.84 0.00	33.79 0.60 0.00	32.41 0.52 0.00	35.52 0.52 0.00	32.20 0.43 0.00	32.26 0.39 0.00	35.69 0.45 0.00	35.28 0.58 0.00	34.48 0.75 0.00	35.05 0.75 0.65	42.87 0.95 -0.42	46.22 0.96 -0.57	48.87 0.96 -0.54	56.64 0.99 -0.86	55.94 1.11 0.00	58.68 1.87 0.00	54.70 1.94 0.00	56.82 2.33 0.00	63.16 2.41 0.00	69.82 1.67 0.00	54.85 0.81 0.00	55.28 0.28 0.00	53.32 0.45 0.00	49.89 0.40 0.00
CPV_VALLEY___CC2 323722	42.96 0.84 0.00	33.79 0.60 0.00	32.41 0.52 0.00	35.52 0.52 0.00	32.20 0.43 0.00	32.26 0.39 0.00	35.69 0.45 0.00	35.28 0.58 0.00	34.48 0.75 0.00	35.05 0.75 0.65	42.87 0.95 -0.42	46.22 0.96 -0.57	48.87 0.96 -0.54	56.64 0.99 -0.86	55.94 1.11 0.00	58.68 1.87 0.00	54.70 1.94 0.00	56.82 2.33 0.00	63.16 2.41 0.00	69.82 1.67 0.00	54.85 0.81 0.00	55.28 0.28 0.00	53.32 0.45 0.00	49.89 0.40 0.00
CRESCENT___HYD 24018	42.85 0.73 0.00	33.83 0.63 0.00	32.60 0.71 0.00	35.81 0.80 0.00	32.43 0.67 0.00	32.58 0.71 0.00	35.90 0.65 0.00	35.37 0.67 0.00	34.27 0.53 0.00	35.27 0.32 0.00	40.93 0.09 0.65	43.88 0.07 0.88	46.49 -0.04 0.84	53.24 -0.21 1.33	54.87 0.03 0.00	57.54 0.73 0.00	53.70 0.94 0.00	56.00 1.51 0.00	62.60 1.86 0.00	69.61 1.46 0.00	55.14 1.11 0.00	55.61 0.60 0.00	53.44 0.58 0.00	49.91 0.43 0.00
CRICKET___VALLEY_CC1 323756	42.92 0.80 0.00	33.79 0.59 0.00	32.43 0.54 0.00	35.58 0.57 0.00	32.21 0.45 0.00	32.31 0.44 0.00	35.69 0.45 0.00	35.32 0.61 0.00	34.42 0.69 0.00	35.90 0.61 -0.34	35.04 0.65 7.11	35.64 0.56 9.61	38.76 0.49 9.10	40.67 0.39 14.51	55.45 0.61 0.00	58.35 1.54 0.00	54.47 1.70 0.00	56.68 2.20 0.00	62.97 2.23 0.00	69.47 1.32 0.00	54.64 0.61 0.00	55.00 0.00 0.00	53.08 0.21 0.00	49.54 0.06 0.00
CRICKET___VALLEY_CC2 323757	42.92 0.80 0.00	33.79 0.59 0.00	32.43 0.54 0.00	35.58 0.57 0.00	32.21 0.45 0.00	32.31 0.44 0.00	35.69 0.45 0.00	35.32 0.61 0.00	34.42 0.69 0.00	35.90 0.61 -0.34	35.04 0.65 7.11	35.64 0.56 9.61	38.76 0.49 9.10	40.67 0.39 14.51	55.45 0.61 0.00	58.35 1.54 0.00	54.47 1.70 0.00	56.68 2.20 0.00	62.97 2.23 0.00	69.47 1.32 0.00	54.64 0.61 0.00	55.00 0.00 0.00	53.08 0.21 0.00	49.54 0.06 0.00
CRICKET___VALLEY_CC3 323758	42.92 0.80 0.00	33.79 0.59 0.00	32.43 0.54 0.00	35.58 0.57 0.00	32.21 0.45 0.00	32.31 0.44 0.00	35.69 0.45 0.00	35.32 0.61 0.00	34.42 0.69 0.00	35.90 0.61 -0.34	35.04 0.65 7.11	35.64 0.56 9.61	38.76 0.49 9.10	40.67 0.39 14.51	55.45 0.61 0.00	58.35 1.54 0.00	54.47 1.70 0.00	56.68 2.20 0.00	62.97 2.23 0.00	69.47 1.32 0.00	54.64 0.61 0.00	55.00 0.00 0.00	53.08 0.21 0.00	49.54 0.06 0.00
CRUCIBLE_METL_DRP 24180	41.82 -0.30 0.00	32.88 -0.32 0.00	31.63 -0.36 -0.10	34.90 -0.42 -0.31	31.42 -0.35 0.00	31.55 -0.32 0.00	35.09 -0.29 -0.14	34.40 -0.33 -0.03	33.43 -0.30 0.00	34.78 -0.17 0.00	41.47 -0.02 0.00	44.73 0.04 0.00	47.71 0.08 -0.26	55.45 0.21 -0.45	55.08 0.25 0.00	57.40 0.59 0.00	53.67 0.76 -0.14	45.76 1.16 9.89	67.72 1.53 -5.44	75.68 1.33 -6.20	54.73 0.70 0.00	55.40 0.37 -0.04	53.29 0.26 -0.16	51.25 0.20 -1.56
DAHOWA___HYDRO 323763	43.51 1.40 0.00	34.35 1.15 0.00	33.09 1.21 0.00	36.38 1.38 0.00	32.92 1.16 0.00	33.08 1.21 0.00	36.48 1.24 0.00	35.92 1.22 0.00	34.71 0.98 0.00	35.62 0.67 0.53	41.32 0.36 0.72	44.37 0.39 0.68	46.99 0.30 1.09	53.86 0.15 0.00	55.32 0.48 0.00	58.15 1.34 0.00	54.51 1.75 0.00	57.08 2.59 0.00	64.32 3.58 0.00	71.69 3.54 0.00	56.79 2.76 0.00	57.18 2.19 0.00	54.80 1.94 0.00	51.04 1.56 0.00
DANC___LFGE 323619	43.37 1.26 0.00	34.06 0.86 0.00	32.68 0.69 -0.10	36.08 0.75 -0.32	32.46 0.69 0.00	32.64 0.77 0.00	36.32 0.94 -0.14	35.48 0.75 -0.03	34.12 0.39 0.00	35.29 0.34 0.00	41.90 0.41 0.00	44.92 0.23 0.00	47.93 0.29 -0.27	55.62 0.37 -0.46	55.20 0.36 0.00	57.25 0.44 0.00	53.59 0.68 -0.15	-12.72 1.05 68.25	68.27 1.87 -5.65	77.32 2.73 -6.44	56.46 2.42 0.00	57.58 2.54 -0.04	55.29 2.25 -0.16	52.98 1.87 -1.62
DANSKAMMER___1 23586	43.98 1.86 0.00	34.54 1.35 0.00	33.09 1.20 0.00	36.26 1.26 0.00	32.84 1.08 0.00	32.92 1.06 0.00	36.44 1.20 0.00	36.04 1.34 0.00	35.24 1.51 0.00	36.50 1.55 0.00	43.85 1.92 -0.44	47.28 1.99 -0.59	49.98 2.05 -0.56	57.96 2.28 -0.90	57.32 2.48 0.00	60.31 3.50 0.00	56.29 3.53 0.00	58.54 4.06 0.00	65.02 4.28 0.00	71.71 3.56 0.00	56.26 2.22 0.00	56.62 1.62 0.00	54.58 1.71 0.00	50.97 1.48 0.00
DANSKAMMER___2 23589	43.98 1.86 0.00	34.54 1.35 0.00	33.09 1.20 0.00	36.26 1.26 0.00	32.84 1.08 0.00	32.92 1.06 0.00	36.44 1.20 0.00	36.04 1.34 0.00	35.24 1.51 0.00	36.50 1.55 0.00	43.85 1.92 -0.44	47.28 1.99 -0.59	49.98 2.05 -0.56	57.96 2.28 -0.90	57.32 2.48 0.00	60.31 3.50 0.00	56.29 3.53 0.00	58.54 4.06 0.00	65.02 4.28 0.00	71.71 3.56 0.00	56.26 2.22 0.00	56.62 1.62 0.00	54.58 1.71 0.00	50.97 1.48 0.00
DANSKAMMER___3 23590	43.98 1.86 0.00	34.54 1.35 0.00	33.09 1.20 0.00	36.26 1.26 0.00	32.84 1.08 0.00	32.92 1.06 0.00	36.44 1.20 0.00	36.04 1.34 0.00	35.24 1.51 0.00	36.50 1.55 0.00	43.85 1.92 -0.44	47.28 1.99 -0.59	49.98 2.05 -0.56	57.96 2.28 -0.90	57.32 2.48 0.00	60.31 3.50 0.00	56.29 3.53 0.00	58.54 4.06 0.00	65.02 4.28 0.00	71.71 3.56 0.00	56.26 2.22 0.00	56.62 1.62 0.00	54.58 1.71 0.00	50.97 1.48 0.00

DANSKAMMER___4 23591	43.98 1.86 0.00	34.54 1.35 0.00	33.09 1.20 0.00	36.26 1.26 0.00	32.84 1.08 0.00	32.92 1.06 0.00	36.44 1.20 0.00	36.04 1.34 0.00	35.24 1.51 0.00	36.50 1.55 0.00	43.85 1.92 -0.44	47.28 1.99 -0.59	49.98 2.05 -0.56	57.96 2.28 -0.90	57.32 2.48 0.00	60.31 3.50 0.00	56.29 3.53 0.00	58.54 4.06 0.00	65.02 4.28 0.00	71.71 3.56 0.00	56.26 2.22 0.00	56.62 1.62 0.00	54.58 1.71 0.00	50.97 1.48 0.00
DANSKAMMER___DIESEL 23592	43.98 1.86 0.00	34.54 1.35 0.00	33.09 1.20 0.00	36.26 1.26 0.00	32.85 1.08 0.00	32.92 1.06 0.00	36.44 1.20 0.00	36.04 1.34 0.00	35.24 1.51 0.00	36.50 1.54 0.00	43.85 1.91 -0.44	47.28 1.99 -0.59	49.98 2.05 -0.56	57.96 2.28 -0.90	57.32 2.48 0.00	60.31 3.50 0.00	56.29 3.53 0.00	58.54 4.06 0.00	65.02 4.27 0.00	71.71 3.56 0.00	56.26 2.22 0.00	56.62 1.62 0.00	54.59 1.72 0.00	50.97 1.48 0.00
DARBY___SOLAR 323810	43.35 1.23 0.00	34.22 1.02 0.00	32.97 1.08 0.00	36.22 1.22 0.00	32.78 1.02 0.00	32.94 1.07 0.00	36.32 1.08 0.00	35.77 1.06 0.00	34.58 0.84 0.00	35.50 0.55 0.00	41.18 0.24 0.55	44.20 0.26 0.75	46.81 0.14 0.71	53.65 -0.01 1.13	55.14 0.30 0.00	57.93 1.12 0.00	54.27 1.50 0.00	56.79 2.30 0.00	63.90 3.15 0.00	71.22 3.07 0.00	56.42 2.38 0.00	56.84 1.84 0.00	54.52 1.66 0.00	50.80 1.32 0.00
DASHVILLE___HYD 23610	43.43 1.31 0.00	34.14 0.94 0.00	32.74 0.85 0.00	35.87 0.87 0.00	32.51 0.74 0.00	32.58 0.71 0.00	36.02 0.78 0.00	35.63 0.92 0.00	34.82 1.09 0.00	36.04 1.08 0.00	43.14 1.38 -0.27	46.42 1.37 -0.36	49.08 1.37 -0.34	56.86 1.53 -0.55	56.44 1.60 0.00	59.45 2.64 0.00	55.48 2.71 0.00	57.68 3.19 0.00	64.06 3.32 0.00	70.66 2.51 0.00	55.52 1.48 0.00	55.93 0.93 0.00	53.94 1.07 0.00	50.38 0.90 0.00
DELAWARE___LFGE 323621	42.86 0.75 0.00	33.72 0.53 0.00	32.49 0.58 -0.02	35.71 0.64 -0.06	32.33 0.57 0.00	32.38 0.51 0.00	35.79 0.52 -0.03	35.23 0.52 -0.01	34.33 0.60 0.00	35.66 0.71 0.00	42.46 0.97 0.00	45.73 1.04 0.00	48.53 1.11 -0.05	56.17 1.30 -0.09	56.17 1.33 0.00	58.60 1.79 0.00	54.63 1.84 -0.03	56.76 2.20 -0.07	64.32 2.53 -1.05	71.55 2.21 -1.19	55.55 1.51 0.00	56.16 1.16 -0.01	54.03 1.13 -0.03	50.78 0.99 -0.30
DERFIELD_115KV_TB7 355931	42.12 0.00 0.00	33.18 -0.02 0.00	31.89 0.00 0.00	35.00 0.00 0.00	31.76 0.00 0.00	31.87 0.00 0.00	35.21 -0.03 0.00	34.68 -0.03 0.00	33.70 -0.04 0.00	34.88 -0.07 0.00	41.41 -0.08 0.00	44.59 -0.10 0.00	47.25 -0.12 0.00	54.63 -0.16 0.00	54.73 -0.10 0.00	56.89 0.07 0.00	52.93 0.16 0.00	46.70 0.33 8.12	61.19 0.44 0.00	68.44 0.29 0.00	54.19 0.15 0.00	55.00 0.00 0.00	52.86 0.00 0.00	49.43 -0.05 0.00
DOGLEVILLE___HYD 23807	42.77 0.65 0.00	33.71 0.51 0.00	32.55 0.66 0.00	35.71 0.71 0.00	32.40 0.63 0.00	32.56 0.69 0.00	35.83 0.58 0.00	35.03 0.33 0.00	33.51 -0.23 0.00	34.22 -0.73 0.00	40.30 -1.19 0.00	43.62 -1.07 0.00	46.22 -1.15 0.00	53.22 -1.57 0.00	53.57 -1.26 0.00	56.51 -0.30 0.00	52.80 0.04 0.00	47.53 1.16 8.12	63.33 2.58 0.00	70.84 2.69 0.00	55.91 1.87 0.00	56.12 1.12 0.00	53.80 0.93 0.00	49.88 0.40 0.00
DUNKIRK___115KV_TB_200 55889	42.01 -0.10 0.00	32.38 -0.82 0.00	30.71 -1.18 0.00	33.91 -1.10 0.00	30.78 -0.98 0.00	31.03 -0.83 0.00	34.93 -0.31 0.00	34.21 -0.49 0.00	33.60 -0.14 0.00	36.09 1.14 0.00	43.73 2.24 0.00	47.56 2.87 0.00	50.49 3.12 0.00	58.64 3.85 0.00	58.13 3.29 0.00	60.47 3.66 0.00	56.12 3.35 0.00	58.50 4.01 0.00	65.68 4.93 0.00	72.69 4.54 0.00	56.77 2.73 0.00	57.41 2.41 0.00	55.68 2.82 0.00	52.31 2.83 0.00
DUNKIRK___1 23563	42.01 -0.10 0.00	32.38 -0.82 0.00	30.71 -1.18 0.00	33.91 -1.10 0.00	30.78 -0.98 0.00	31.03 -0.83 0.00	34.93 -0.31 0.00	34.21 -0.49 0.00	33.60 -0.14 0.00	36.09 1.14 0.00	43.73 2.24 0.00	47.56 2.87 0.00	50.49 3.12 0.00	58.64 3.85 0.00	58.13 3.29 0.00	60.47 3.66 0.00	56.12 3.35 0.00	58.50 4.01 0.00	65.68 4.93 0.00	72.69 4.54 0.00	56.77 2.73 0.00	57.41 2.41 0.00	55.68 2.82 0.00	52.31 2.83 0.00
DUNKIRK___2 23564	42.01 -0.10 0.00	32.38 -0.82 0.00	30.71 -1.18 0.00	33.91 -1.10 0.00	30.78 -0.98 0.00	31.03 -0.83 0.00	34.93 -0.31 0.00	34.21 -0.49 0.00	33.60 -0.14 0.00	36.09 1.14 0.00	43.73 2.24 0.00	47.56 2.87 0.00	50.49 3.12 0.00	58.64 3.85 0.00	58.13 3.29 0.00	60.47 3.66 0.00	56.12 3.35 0.00	58.50 4.01 0.00	65.68 4.93 0.00	72.69 4.54 0.00	56.77 2.73 0.00	57.41 2.41 0.00	55.68 2.82 0.00	52.31 2.83 0.00
DUNKIRK___3 23565	41.80 -0.31 0.00	32.25 -0.95 0.00	30.60 -1.29 0.00	33.78 -1.22 0.00	30.66 -1.10 0.00	30.91 -0.96 0.00	34.76 -0.49 0.00	34.04 -0.67 0.00	33.41 -0.32 0.00	35.89 0.94 0.00	43.45 1.96 0.00	47.23 2.54 0.00	50.18 2.82 0.00	58.26 3.47 0.00	57.78 2.94 0.00	60.14 3.33 0.00	55.84 3.08 0.00	58.19 3.71 0.00	65.27 4.52 0.00	72.21 4.06 0.00	56.44 2.40 0.00	57.10 2.10 0.00	55.28 2.42 0.00	52.00 2.52 0.00
DUNKIRK___4 23566	41.80 -0.31 0.00	32.25 -0.95 0.00	30.60 -1.29 0.00	33.78 -1.22 0.00	30.66 -1.10 0.00	30.91 -0.96 0.00	34.76 -0.49 0.00	34.04 -0.67 0.00	33.41 -0.32 0.00	35.89 0.94 0.00	43.45 1.96 0.00	47.23 2.54 0.00	50.18 2.82 0.00	58.26 3.47 0.00	57.78 2.94 0.00	60.14 3.33 0.00	55.84 3.08 0.00	58.19 3.71 0.00	65.27 4.52 0.00	72.21 4.06 0.00	56.44 2.40 0.00	57.10 2.10 0.00	55.28 2.42 0.00	52.00 2.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.85 1.74 0.00	34.50 1.30 0.00	33.03 1.15 0.00	36.16 1.16 0.00	32.77 1.00 0.00	32.86 0.99 0.00	36.38 1.14 0.00	36.00 1.29 0.00	35.25 1.51 0.00	37.41 1.56 -0.89	43.98 1.93 -0.56	47.34 1.89 -0.76	49.98 1.90 -0.71	57.93 2.00 -1.14	56.95 2.12 0.00	59.91 3.09 0.00	55.82 3.06 0.00	57.98 3.50 0.00	64.27 3.52 0.00	70.74 2.59 0.00	55.45 1.42 0.00	55.88 0.88 0.00	54.03 1.16 0.00	50.65 1.17 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.62 1.51 0.00	34.28 1.08 0.00	32.84 0.95 0.00	35.98 0.98 0.00	32.60 0.84 0.00	32.68 0.81 0.00	36.17 0.93 0.00	35.77 1.07 0.00	34.97 1.24 0.00	35.87 1.27 0.34	43.50 1.57 -0.44	46.91 1.63 -0.59	49.60 1.67 -0.56	57.51 1.83 -0.89	56.82 1.98 0.00	59.73 2.92 0.00	55.73 2.96 0.00	57.95 3.46 0.00	64.41 3.66 0.00	71.08 2.93 0.00	55.78 1.74 0.00	56.16 1.16 0.00	54.15 1.29 0.00	50.61 1.12 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.99 1.88 0.00	34.57 1.37 0.00	32.99 1.10 0.00	36.13 1.12 0.00	32.79 1.02 0.00	32.91 1.05 0.00	36.43 1.20 0.00	36.10 1.40 0.00	35.45 1.71 0.00	37.57 1.73 -0.89	44.08 2.03 -0.56	47.43 1.98 -0.76	49.93 1.85 -0.71	57.82 1.89 -1.14	56.83 1.99 0.00	59.89 3.08 0.00	55.74 2.98 0.00	57.88 3.39 0.00	64.08 3.33 0.00	70.44 2.29 0.00	55.24 1.20 0.00	55.70 0.70 0.00	54.11 1.24 0.00	50.65 1.17 0.00

E179THST_13_KV_LOAD 356214	44.29 2.17 0.00	34.80 1.60 0.00	33.21 1.32 0.00	36.34 1.34 0.00	32.98 1.22 0.00	33.10 1.24 0.00	36.67 1.42 0.00	36.33 1.62 0.00	35.67 1.94 0.00	37.81 1.97 -0.89	44.37 2.32 -0.56	47.75 2.31 -0.76	50.27 2.19 -0.71	58.24 2.31 -1.14	57.25 2.41 0.00	60.32 3.51 0.00	56.16 3.40 0.00	58.32 3.83 0.00	64.56 3.81 0.00	70.98 2.82 0.00	55.65 1.61 0.00	56.12 1.11 0.00	54.49 1.63 0.00	51.01 1.53 0.00
EAST HAMPTON___GT 23717	46.75 4.63 0.00	36.25 3.06 0.00	34.81 2.92 0.00	38.43 3.43 0.00	36.66 2.78 -2.11	54.26 2.40 -19.99	37.76 2.52 0.00	36.69 1.99 0.00	35.94 2.20 0.00	37.77 1.94 -0.89	44.52 2.70 -0.32	46.68 2.88 0.89	50.45 2.80 -0.28	59.04 4.12 -0.13	82.79 5.83 -22.13	91.34 6.77 -27.76	82.50 6.72 -23.01	61.04 6.56 0.00	67.38 6.64 0.00	71.54 5.04 1.65	54.22 2.52 2.33	50.28 2.78 7.49	28.66 3.17 27.38	30.65 2.87 21.70
EAST RIVER___6 23660	44.05 1.93 0.00	34.66 1.46 0.00	33.12 1.23 0.00	36.23 1.23 0.00	32.85 1.08 0.00	32.96 1.09 0.00	36.55 1.31 0.00	36.20 1.50 0.00	35.50 1.77 0.00	37.72 1.87 -0.89	44.37 2.32 -0.56	47.73 2.28 -0.76	50.37 2.29 -0.71	58.31 2.38 -1.14	57.28 2.44 0.00	60.34 3.52 0.00	56.17 3.41 0.00	58.28 3.79 0.00	64.45 3.71 0.00	70.82 2.67 0.00	55.52 1.48 0.00	55.91 0.90 0.00	54.09 1.23 0.00	50.82 1.33 0.00
EAST RIVER___7 23524	44.05 1.93 0.00	34.66 1.46 0.00	33.12 1.23 0.00	36.23 1.23 0.00	32.85 1.08 0.00	32.96 1.09 0.00	36.55 1.31 0.00	36.20 1.50 0.00	35.50 1.77 0.00	37.72 1.87 -0.89	44.37 2.32 -0.56	47.73 2.28 -0.76	50.37 2.29 -0.71	58.31 2.38 -1.14	57.28 2.44 0.00	60.34 3.52 0.00	56.17 3.41 0.00	58.28 3.79 0.00	64.45 3.71 0.00	70.82 2.67 0.00	55.52 1.48 0.00	55.91 0.90 0.00	54.09 1.23 0.00	50.82 1.33 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.73 1.61 0.00	34.39 1.20 0.00	32.94 1.05 0.00	36.08 1.07 0.00	32.70 0.93 0.00	32.77 0.90 0.00	36.29 1.04 0.00	35.90 1.19 0.00	35.15 1.41 0.00	37.36 1.46 -0.96	43.86 1.81 -0.55	47.23 1.79 -0.75	49.88 1.80 -0.71	57.83 1.90 -1.14	56.85 2.02 0.00	59.81 3.00 0.00	55.74 2.98 0.00	57.90 3.41 0.00	64.20 3.46 0.00	70.70 2.55 0.00	55.44 1.40 0.00	55.82 0.82 0.00	53.95 1.09 0.00	50.55 1.06 0.00
EAST_HAMPTON___DIESEL 23722	46.77 4.65 0.00	36.24 3.05 0.00	34.80 2.91 0.00	38.43 3.43 0.00	36.65 2.77 -2.11	54.21 2.35 -19.99	37.71 2.47 0.00	36.63 1.92 0.00	35.87 2.14 0.00	37.70 1.86 -0.89	44.46 2.64 -0.32	46.62 2.82 0.89	50.43 2.79 -0.28	59.04 4.12 -0.13	82.84 5.87 -22.13	91.39 6.82 -27.76	82.55 6.77 -23.01	61.07 6.59 0.00	67.43 6.69 0.00	71.58 5.07 1.65	54.24 2.53 2.33	50.28 2.78 7.49	28.67 3.18 27.38	30.67 2.88 21.70
EAST_POINT___SOLAR 323840	44.69 2.58 0.00	35.07 1.88 0.00	33.61 1.72 0.00	36.84 1.83 0.00	33.43 1.67 0.00	33.56 1.70 0.00	37.20 1.96 0.00	35.73 1.03 0.00	33.69 -0.04 0.00	34.77 -0.19 0.31	40.95 -0.23 0.43	44.01 -0.25 0.40	46.79 -0.17 0.40	54.00 -0.15 0.64	54.71 -0.12 0.00	56.74 -0.07 0.00	52.97 0.20 0.00	55.24 0.76 0.00	63.39 2.64 0.00	73.25 5.10 0.00	58.44 4.41 0.00	59.22 4.23 0.00	56.74 3.87 0.00	52.95 3.47 0.00
EAST_PULASKI___ESR 323781	42.18 0.07 0.00	33.14 -0.05 0.00	31.90 -0.14 -0.15	35.32 -0.16 -0.48	31.63 -0.13 0.00	31.78 -0.09 0.00	35.42 -0.03 -0.21	34.63 -0.12 -0.05	33.46 -0.27 0.00	34.71 -0.24 0.00	41.26 -0.23 0.00	44.29 -0.40 0.00	47.33 -0.44 -0.40	55.00 -0.48 -0.68	54.40 -0.44 0.00	56.57 -0.25 0.00	52.94 -0.04 -0.22	19.65 0.28 35.11	69.82 0.75 -8.32	78.60 0.96 -9.48	54.80 0.76 0.00	55.73 0.68 -0.06	53.66 0.56 -0.24	52.35 0.47 -2.39
EAST_RIVER___1 323558	44.04 1.92 0.00	34.64 1.44 0.00	33.12 1.23 0.00	36.23 1.23 0.00	32.84 1.08 0.00	32.96 1.09 0.00	36.53 1.28 0.00	36.18 1.47 0.00	35.48 1.75 0.00	37.68 1.84 -0.89	44.32 2.27 -0.56	47.63 2.19 -0.76	50.25 2.18 -0.71	58.21 2.28 -1.14	57.21 2.37 0.00	60.23 3.42 0.00	56.10 3.33 0.00	58.21 3.72 0.00	64.43 3.68 0.00	70.81 2.66 0.00	55.48 1.44 0.00	55.90 0.90 0.00	54.11 1.25 0.00	50.82 1.33 0.00
EAST_RIVER___2 323559	44.05 1.93 0.00	34.66 1.46 0.00	33.12 1.23 0.00	36.23 1.23 0.00	32.85 1.08 0.00	32.96 1.09 0.00	36.55 1.31 0.00	36.20 1.50 0.00	35.50 1.77 0.00	37.72 1.87 -0.89	44.37 2.32 -0.56	47.73 2.28 -0.76	50.37 2.29 -0.71	58.31 2.38 -1.14	57.28 2.44 0.00	60.34 3.52 0.00	56.17 3.41 0.00	58.28 3.79 0.00	64.45 3.71 0.00	70.82 2.67 0.00	55.52 1.48 0.00	55.91 0.90 0.00	54.09 1.23 0.00	50.82 1.33 0.00
EAST___DELAWARE_HYD 23607	43.17 1.06 0.00	33.88 0.68 0.00	32.43 0.54 0.00	35.52 0.52 0.00	32.17 0.41 0.00	32.24 0.37 0.00	35.67 0.43 0.00	35.27 0.56 0.00	34.48 0.74 0.00	35.42 0.74 0.27	42.80 0.95 -0.35	46.13 0.97 -0.47	48.84 1.02 -0.45	56.68 1.18 -0.72	55.99 1.16 0.00	57.54 0.73 0.00	53.86 1.10 0.00	56.23 1.74 0.00	62.70 1.95 0.00	69.28 1.13 0.00	54.51 0.47 0.00	56.04 1.03 0.00	53.92 1.06 0.00	50.28 0.80 0.00
EIGHT_POINT___WT_PWR 323820	41.32 -0.80 0.00	32.12 -1.08 0.00	30.84 -1.08 -0.03	34.16 -0.93 -0.09	30.96 -0.81 0.00	30.97 -0.90 0.00	34.42 -0.86 -0.04	33.72 -0.99 -0.01	32.70 -1.04 0.00	34.03 -0.92 0.00	40.83 -0.66 0.00	44.09 -0.60 0.00	47.38 -0.06 -0.07	55.23 0.32 -0.12	55.08 0.24 0.00	57.92 1.11 0.00	55.23 2.43 -0.03	57.61 3.04 -0.09	66.12 4.11 -1.27	73.60 4.01 -1.44	56.25 2.21 0.00	56.24 1.23 -0.01	54.28 1.38 -0.04	51.44 1.59 -0.36
ELBRIDGE_115KV_TB2 80188	41.68 -0.44 0.00	32.70 -0.49 0.00	31.47 -0.53 -0.10	34.71 -0.62 -0.33	31.25 -0.52 0.00	31.38 -0.49 0.00	34.92 -0.46 -0.14	34.21 -0.53 -0.03	33.26 -0.47 0.00	34.60 -0.35 0.00	41.27 -0.22 0.00	44.51 -0.18 0.00	47.49 -0.16 -0.28	55.22 -0.05 -0.47	54.82 -0.01 0.00	57.05 0.24 0.00	53.40 0.49 -0.15	46.57 0.87 8.79	67.72 1.22 -5.75	75.70 1.00 -6.55	54.43 0.40 0.00	55.11 0.07 -0.04	53.04 0.01 -0.17	51.10 -0.04 -1.65
ELEC_TRO_TEK 24086	44.07 1.96 0.00	34.64 1.45 0.00	33.26 1.37 0.00	36.47 1.47 0.00	34.81 1.27 -1.77	50.09 1.46 -16.76	36.59 1.35 0.00	35.92 1.22 0.00	35.14 1.40 0.00	37.18 1.34 -0.89	43.90 1.87 -0.54	47.23 1.93 -0.61	50.09 2.01 -0.71	58.36 2.43 -1.14	81.97 2.89 -24.25	88.33 3.75 -27.76	79.52 3.74 -23.01	58.21 3.73 0.00	64.35 3.61 0.00	70.43 2.43 0.15	55.00 1.18 0.22	55.16 0.76 0.60	57.86 1.10 -3.89	48.64 0.91 1.75
ELLENBURG_WT_PWR 323604	42.46 0.35 0.00	33.81 0.62 0.00	32.38 0.49 0.00	35.61 0.61 0.00	32.33 0.56 0.00	32.41 0.54 0.00	35.94 0.70 0.00	35.28 0.58 0.00	34.12 0.39 0.00	35.21 0.26 0.00	41.72 0.23 0.00	44.86 0.17 0.00	47.65 0.28 0.00	55.17 0.38 0.00	55.09 0.25 0.00	56.31 -0.51 0.00	52.14 -0.62 0.00	65.64 -1.41 -12.56	58.87 -1.88 0.00	66.98 -1.17 0.00	53.81 -0.23 0.00	55.24 0.24 0.00	52.84 -0.02 0.00	49.59 0.11 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.63 -0.48 0.00	32.11 -1.09 0.00	30.42 -1.47 0.00	33.61 -1.40 0.00	30.52 -1.24 0.00	30.75 -1.12 0.00	34.53 -0.71 0.00	33.82 -0.89 0.00	33.18 -0.55 0.00	35.84 0.88 0.00	43.27 1.78 0.00	46.98 2.29 0.00	49.94 2.57 0.00	57.93 3.14 0.00	57.37 2.53 0.00	59.70 2.89 0.00	55.45 2.69 0.00	57.73 3.25 0.00	64.59 3.84 0.00	71.59 3.44 0.00	56.13 2.09 0.00	56.88 1.88 0.00	54.90 2.04 0.00	51.94 2.46 0.00
EMPIRE_CC_1 323656	42.00 -0.11 0.00	33.19 -0.01 0.00	32.01 0.12 0.00	35.17 0.17 0.00	31.88 0.12 0.00	32.02 0.15 0.00	35.25 0.01 0.00	34.72 0.01 0.00	33.67 -0.07 0.00	34.84 -0.28 -0.17	40.02 -0.63 0.84	42.80 -0.75 1.14	45.36 -0.92 1.08	51.82 -1.25 1.72	53.82 -1.02 0.00	56.42 -0.39 0.00	52.59 -0.17 0.00	54.73 0.25 0.00	61.02 0.28 0.00	67.77 -0.38 0.00	53.69 -0.34 0.00	54.16 -0.84 0.00	52.12 -0.74 0.00	48.78 -0.71 0.00
EMPIRE_CC_2 323658	42.00 -0.11 0.00	33.19 -0.01 0.00	32.01 0.12 0.00	35.17 0.17 0.00	31.88 0.12 0.00	32.02 0.15 0.00	35.25 0.01 0.00	34.72 0.01 0.00	33.67 -0.07 0.00	34.84 -0.28 -0.17	40.02 -0.63 0.84	42.80 -0.75 1.14	45.36 -0.92 1.08	51.82 -1.25 1.72	53.82 -1.02 0.00	56.42 -0.39 0.00	52.59 -0.17 0.00	54.73 0.25 0.00	61.02 0.28 0.00	67.77 -0.38 0.00	53.69 -0.34 0.00	54.16 -0.84 0.00	52.12 -0.74 0.00	48.78 -0.71 0.00
ENORWICH_115KV_TB1 80156	44.19 2.08 0.00	34.85 1.66 0.00	33.52 1.59 -0.04	37.03 1.90 -0.13	33.53 1.76 0.00	33.68 1.81 0.00	37.39 2.09 -0.06	36.52 1.80 -0.01	35.38 1.65 0.00	36.74 1.79 0.00	43.83 2.34 0.00	47.19 2.50 0.00	50.29 2.82 -0.11	58.39 3.41 -0.19	58.27 3.43 0.00	60.95 4.14 0.00	57.20 4.38 -0.06	60.06 5.41 -0.16	69.91 6.91 -2.26	78.29 7.57 -2.57	59.50 5.47 0.00	59.86 4.84 -0.02	57.34 4.41 -0.06	53.96 3.83 -0.65
ERIE_ST__34_KV_TB1-2 80199	41.88 -0.23 0.00	32.32 -0.88 0.00	30.60 -1.29 0.00	33.79 -1.21 0.00	30.69 -1.08 0.00	30.89 -0.98 0.00	34.70 -0.54 0.00	34.02 -0.69 0.00	33.39 -0.34 0.00	35.99 1.04 0.00	43.49 2.00 0.00	47.25 2.56 0.00	50.30 2.93 0.00	58.44 3.66 0.00	57.98 3.14 0.00	60.47 3.66 0.00	56.27 3.51 0.00	58.60 4.11 0.00	65.60 4.85 0.00	72.62 4.47 0.00	56.82 2.79 0.00	57.43 2.43 0.00	55.35 2.49 0.00	52.18 2.69 0.00
ERIE_WT_PWR 323693	41.83 -0.29 0.00	32.25 -0.95 0.00	30.55 -1.34 0.00	33.74 -1.26 0.00	30.63 -1.13 0.00	30.85 -1.02 0.00	34.63 -0.61 0.00	33.95 -0.75 0.00	33.32 -0.41 0.00	35.97 1.02 0.00	43.45 1.96 0.00	47.20 2.51 0.00	50.20 2.84 0.00	58.27 3.48 0.00	57.72 2.88 0.00	60.08 3.27 0.00	55.81 3.04 0.00	58.12 3.63 0.00	65.01 4.27 0.00	72.06 3.91 0.00	52.04 2.43 4.43	57.20 2.20 0.00	55.15 2.29 0.00	52.13 2.64 0.00
ESPRGFLD_115KV_TB1 80157	43.92 1.81 0.00	34.47 1.27 0.00	33.04 1.15 0.00	36.26 1.26 0.00	32.91 1.14 0.00	32.97 1.11 0.00	36.61 1.37 0.00	35.93 1.23 0.00	34.85 1.12 0.00	36.33 1.38 0.00	43.26 1.95 0.19	46.58 2.14 0.26	49.50 2.38 0.24	57.36 2.96 0.39	57.67 2.83 0.00	59.69 2.88 0.00	55.62 2.86 0.00	57.54 3.06 0.00	64.39 3.65 0.00	72.54 4.39 0.00	57.40 3.37 0.00	58.27 3.27 0.00	55.92 3.05 0.00	52.30 2.82 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.66 0.54 0.00	33.44 0.24 0.00	32.12 0.18 -0.06	35.40 0.21 -0.18	31.98 0.21 0.00	32.11 0.25 0.00	35.70 0.38 -0.08	34.99 0.27 -0.02	33.93 0.20 0.00	35.18 0.22 0.00	41.92 0.43 0.00	45.17 0.48 0.00	48.18 0.66 -0.15	55.93 0.88 -0.26	55.70 0.86 0.00	58.12 1.30 0.00	54.44 1.60 -0.08	56.91 2.21 -0.22	66.90 3.08 -3.08	74.86 3.19 -3.51	56.17 2.13 0.00	56.74 1.72 -0.02	54.51 1.55 -0.09	51.67 1.30 -0.88
ETNA____115KV_TB2 80207	42.66 0.54 0.00	33.44 0.24 0.00	32.12 0.18 -0.06	35.40 0.21 -0.18	31.98 0.21 0.00	32.11 0.25 0.00	35.70 0.38 -0.08	34.99 0.27 -0.02	33.93 0.20 0.00	35.18 0.22 0.00	41.92 0.43 0.00	45.17 0.48 0.00	48.18 0.66 -0.15	55.93 0.88 -0.26	55.70 0.86 0.00	58.12 1.30 0.00	54.44 1.60 -0.08	56.91 2.21 -0.22	66.90 3.08 -3.08	74.86 3.19 -3.51	56.17 2.13 0.00	56.74 1.72 -0.02	54.51 1.55 -0.09	51.67 1.30 -0.88
EUCLID__115KV_TB2 356179	41.45 -0.66 0.00	32.53 -0.67 0.00	31.23 -0.70 -0.05	34.38 -0.77 -0.15	31.08 -0.68 0.00	31.21 -0.66 0.00	34.63 -0.68 -0.06	34.03 -0.68 -0.01	33.09 -0.64 0.00	34.47 -0.49 0.00	41.07 -0.43 0.00	44.30 -0.39 0.00	47.09 -0.40 -0.12	54.59 -0.41 -0.21	54.46 -0.38 0.00	56.73 -0.08 0.00	52.92 0.09 -0.07	42.87 0.41 12.03	63.94 0.65 -2.55	71.39 0.34 -2.90	54.02 -0.01 0.00	54.73 -0.29 -0.02	52.60 -0.34 -0.07	49.87 -0.35 -0.73
E_CANADA_CAP_HY 24051	44.25 2.13 0.00	34.74 1.54 0.00	33.26 1.37 0.00	36.48 1.48 0.00	33.11 1.34 0.00	33.21 1.34 0.00	36.87 1.62 0.00	36.02 1.31 0.00	34.63 0.90 0.00	35.94 0.99 0.00	42.52 1.31 0.28	45.74 1.43 0.38	48.62 1.62 0.36	56.24 2.03 0.58	56.74 1.91 0.00	58.59 1.77 0.00	54.55 1.79 0.00	56.49 2.01 0.00	63.51 2.77 0.00	72.32 4.17 0.00	57.54 3.51 0.00	58.49 3.49 0.00	56.13 3.26 0.00	52.54 3.06 0.00
E_CANADA_MHWK_HY 24050	42.77 0.65 0.00	33.71 0.51 0.00	32.55 0.66 0.00	35.71 0.71 0.00	32.40 0.63 0.00	32.56 0.69 0.00	35.82 0.58 0.00	35.03 0.33 0.00	33.51 -0.22 0.00	34.22 -0.73 0.00	40.30 -1.19 0.00	43.62 -1.07 0.00	46.22 -1.15 0.00	53.22 -1.57 0.00	53.57 -1.26 0.00	56.51 -0.30 0.00	52.80 0.04 0.00	47.53 1.16 8.12	63.32 2.58 0.00	70.84 2.69 0.00	55.91 1.87 0.00	56.12 1.12 0.00	53.80 0.93 0.00	49.88 0.40 0.00
E_FISHKILL__LBMP 23776	43.32 1.20 0.00	34.09 0.90 0.00	32.69 0.80 0.00	35.83 0.82 0.00	32.47 0.70 0.00	32.54 0.67 0.00	35.99 0.75 0.00	35.60 0.89 0.00	34.78 1.05 0.00	36.27 1.04 -0.28	43.32 1.26 -0.57	46.68 1.21 -0.77	49.27 1.17 -0.73	57.14 1.19 -1.17	56.17 1.34 0.00	59.04 2.22 0.00	55.04 2.28 0.00	57.19 2.71 0.00	63.50 2.76 0.00	70.04 1.89 0.00	55.01 0.98 0.00	55.42 0.42 0.00	53.54 0.68 0.00	50.09 0.61 0.00
FALCON__SEABRD_CC1 323796	42.45 0.33 0.00	34.03 0.84 0.00	32.53 0.64 0.00	35.83 0.83 0.00	32.51 0.74 0.00	32.62 0.75 0.00	36.12 0.88 0.00	35.36 0.66 0.00	34.13 0.40 0.00	35.19 0.24 0.00	41.80 0.31 0.00	44.83 0.14 0.00	47.61 0.24 0.00	55.10 0.31 0.00	55.16 0.32 0.00	56.41 -0.41 0.00	52.24 -0.53 0.00	53.20 -1.29 0.00	59.04 -1.70 0.00	67.09 -1.06 0.00	54.00 -0.04 0.00	55.26 0.27 0.00	52.83 -0.04 0.00	49.59 0.10 0.00
FALCON__SEABRD_CC2 323797	42.45 0.33 0.00	34.03 0.84 0.00	32.53 0.64 0.00	35.83 0.83 0.00	32.51 0.74 0.00	32.62 0.75 0.00	36.12 0.88 0.00	35.36 0.66 0.00	34.13 0.40 0.00	35.19 0.24 0.00	41.80 0.31 0.00	44.83 0.14 0.00	47.61 0.24 0.00	55.10 0.31 0.00	55.16 0.32 0.00	56.41 -0.41 0.00	52.24 -0.53 0.00	53.20 -1.29 0.00	59.04 -1.70 0.00	67.09 -1.06 0.00	54.00 -0.04 0.00	55.26 0.27 0.00	52.83 -0.04 0.00	49.59 0.10 0.00

FAR ROCKAWAY___4 23548	44.95 2.83 0.00	35.30 2.10 0.00	33.87 1.98 0.00	37.11 2.11 0.00	35.47 1.84 -1.86	51.52 2.07 -17.59	37.22 1.98 0.00	36.52 1.82 0.00	35.75 2.02 0.00	37.88 2.04 -0.89	45.08 2.80 -0.79	49.96 2.99 -2.27	51.13 3.04 -0.72	59.56 3.63 -1.14	83.26 4.17 -24.25	89.32 4.74 -27.76	80.38 4.60 -23.01	59.11 4.62 0.00	65.53 4.78 0.00	73.47 3.69 -1.64	58.27 2.09 -2.14	58.63 1.64 -1.98	78.90 1.92 -24.12	56.94 1.73 -5.73
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	44.06 1.95 0.00	34.66 1.46 0.00	33.14 1.25 0.00	36.25 1.25 0.00	32.86 1.09 0.00	32.97 1.10 0.00	36.55 1.30 0.00	36.20 1.50 0.00	35.51 1.78 0.00	37.71 1.87 -0.89	44.34 2.29 -0.56	47.64 2.19 -0.76	50.25 2.18 -0.71	58.21 2.29 -1.14	57.23 2.39 0.00	60.26 3.44 0.00	56.10 3.33 0.00	58.22 3.74 0.00	64.44 3.70 0.00	70.83 2.68 0.00	55.50 1.47 0.00	55.93 0.93 0.00	54.14 1.28 0.00	50.84 1.36 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.08 1.97 0.00	34.68 1.48 0.00	33.15 1.26 0.00	36.27 1.26 0.00	32.87 1.11 0.00	32.99 1.12 0.00	36.56 1.32 0.00	36.21 1.51 0.00	35.52 1.78 0.00	37.71 1.87 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.27 2.19 -0.71	58.22 2.30 -1.14	57.25 2.41 0.00	60.26 3.45 0.00	56.10 3.34 0.00	58.23 3.74 0.00	64.47 3.72 0.00	70.86 2.72 0.00	55.53 1.50 0.00	55.96 0.96 0.00	54.16 1.30 0.00	50.86 1.38 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	44.02 1.91 0.00	34.63 1.43 0.00	33.11 1.22 0.00	36.22 1.22 0.00	32.84 1.07 0.00	32.95 1.08 0.00	36.52 1.28 0.00	36.18 1.47 0.00	35.49 1.76 0.00	37.68 1.84 -0.89	44.31 2.26 -0.56	47.61 2.16 -0.76	50.21 2.13 -0.71	58.16 2.23 -1.14	57.17 2.34 0.00	60.19 3.38 0.00	56.04 3.28 0.00	58.16 3.68 0.00	64.38 3.63 0.00	70.75 2.60 0.00	55.44 1.40 0.00	55.87 0.87 0.00	54.09 1.22 0.00	50.80 1.32 0.00
FARRAGUT___LBMP 323566	43.98 1.87 0.00	34.60 1.40 0.00	33.08 1.19 0.00	36.20 1.19 0.00	32.81 1.04 0.00	32.92 1.05 0.00	36.49 1.25 0.00	36.14 1.43 0.00	35.45 1.71 0.00	37.64 1.79 -0.89	44.24 2.19 -0.56	47.55 2.10 -0.76	50.16 2.08 -0.71	58.09 2.16 -1.14	57.10 2.27 0.00	60.11 3.29 0.00	55.97 3.20 0.00	58.09 3.61 0.00	64.30 3.56 0.00	70.68 2.53 0.00	55.38 1.34 0.00	55.81 0.81 0.00	54.04 1.17 0.00	50.75 1.27 0.00
FENNER___WINDPWR 24204	42.95 0.84 0.00	33.74 0.54 0.00	32.41 0.48 -0.04	35.70 0.56 -0.14	32.27 0.50 0.00	32.43 0.56 0.00	35.96 0.66 -0.06	35.29 0.57 -0.01	34.16 0.43 0.00	35.37 0.42 0.00	42.08 0.59 0.00	45.36 0.67 0.00	48.25 0.77 -0.11	55.97 0.98 -0.20	55.85 1.02 0.00	58.17 1.36 0.00	54.35 1.52 -0.06	39.77 1.96 16.68	65.75 2.62 -2.38	73.75 2.88 -2.72	56.11 2.07 0.00	56.80 1.78 -0.02	54.54 1.61 -0.07	51.47 1.31 -0.68
FIBERTEK___ENERGY 23856	41.82 -0.30 0.00	32.88 -0.32 0.00	31.63 -0.36 -0.10	34.90 -0.42 -0.31	31.42 -0.35 0.00	31.55 -0.32 0.00	35.09 -0.29 -0.14	34.40 -0.33 -0.03	33.43 -0.30 0.00	34.78 -0.17 0.00	41.47 -0.02 0.00	44.73 0.04 0.00	47.71 0.08 -0.26	55.45 0.21 -0.45	55.08 0.25 0.00	57.40 0.59 0.00	53.67 0.76 -0.14	45.76 1.16 9.89	67.72 1.53 -5.44	75.68 1.33 -6.20	54.73 0.70 0.00	55.40 0.37 -0.04	53.29 0.26 -0.16	51.25 0.20 -1.56
FITZPATRICK___ 23598	40.80 -1.31 0.00	32.07 -1.13 0.00	30.21 -1.13 0.55	32.01 -1.24 1.75	30.65 -1.11 0.00	30.77 -1.09 0.00	33.30 -1.18 0.77	33.35 -1.18 0.17	32.61 -1.12 0.00	33.91 -1.04 0.00	40.37 -1.13 0.00	43.51 -1.18 0.00	44.64 -1.25 1.47	50.86 -1.41 2.52	53.44 -1.40 0.00	55.58 -1.24 0.00	50.95 -1.01 0.80	51.53 -0.81 2.15	29.41 -0.78 30.55	32.19 -1.14 34.82	52.95 -1.08 0.00	53.49 -1.31 0.20	50.69 -1.29 0.88	39.49 -1.22 8.77
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	44.07 1.96 0.00	34.61 1.42 0.00	33.15 1.26 0.00	36.33 1.33 0.00	32.91 1.14 0.00	32.99 1.12 0.00	36.51 1.27 0.00	36.12 1.41 0.00	35.32 1.58 0.00	36.59 1.64 0.00	43.96 2.01 -0.45	47.40 2.10 -0.61	50.12 2.17 -0.58	58.15 2.44 -0.92	57.48 2.64 0.00	60.49 3.68 0.00	56.46 3.69 0.00	58.71 4.23 0.00	65.21 4.46 0.00	71.89 3.74 0.00	56.40 2.37 0.00	56.76 1.76 0.00	54.71 1.84 0.00	51.08 1.60 0.00
FORT ORANGE___ 23900	41.98 -0.13 0.00	33.18 -0.01 0.00	31.98 0.09 0.00	35.04 0.04 0.00	31.81 0.04 0.00	31.93 0.06 0.00	35.15 -0.09 0.00	34.58 -0.12 0.00	33.34 -0.39 0.00	34.28 -0.67 0.00	40.07 -1.02 0.41	43.00 -1.15 0.55	45.57 -1.27 0.52	52.36 -1.60 0.83	53.36 -1.47 0.00	55.92 -0.90 0.00	52.15 -0.61 0.00	54.31 -0.18 0.00	60.72 -0.02 0.00	67.56 -0.59 0.00	53.52 -0.52 0.00	53.97 -1.03 0.00	51.95 -0.91 0.00	48.56 -0.92 0.00
FORT_DRUM_COGEN 23780	44.89 2.77 0.00	35.24 2.04 0.00	33.74 1.78 -0.07	37.17 1.94 -0.23	33.53 1.76 0.00	33.75 1.88 0.00	37.53 2.19 -0.10	36.60 1.88 -0.02	34.98 1.25 0.00	36.04 1.09 0.00	42.75 1.26 0.00	45.69 1.00 0.00	48.73 1.16 -0.19	56.49 1.37 -0.34	56.15 1.31 0.00	58.07 1.26 0.00	54.43 1.57 -0.11	-58.72 2.00 115.20	68.08 3.27 -4.07	77.74 4.95 -4.64	58.56 4.52 0.00	59.84 4.82 -0.03	57.29 4.31 -0.12	54.28 3.63 -1.17
FOX_HILLS___ESR 323835	44.10 1.98 0.00	34.68 1.49 0.00	33.09 1.20 0.00	36.21 1.21 0.00	32.85 1.09 0.00	32.96 1.09 0.00	36.54 1.30 0.00	36.18 1.48 0.00	35.51 1.77 0.00	37.65 1.80 -0.89	44.25 2.21 -0.56	47.52 2.08 -0.76	49.87 1.79 -0.71	57.81 1.89 -1.14	56.77 1.93 0.00	59.86 3.05 0.00	55.74 2.98 0.00	57.83 3.35 0.00	63.98 3.24 0.00	70.31 2.16 0.00	55.18 1.15 0.00	55.52 0.52 0.00	53.79 0.93 0.00	50.69 1.21 0.00
FPL_FAR_ROCK_GT1 24212	44.95 2.84 0.00	35.30 2.10 0.00	33.87 1.98 0.00	37.11 2.11 0.00	35.47 1.84 -1.86	51.52 2.07 -17.59	37.22 1.98 0.00	36.52 1.82 0.00	35.75 2.02 0.00	37.88 2.04 -0.89	45.06 2.77 -0.79	49.93 2.97 -2.27	51.13 3.04 -0.72	59.56 3.64 -1.14	83.26 4.17 -24.25	89.32 4.74 -27.76	80.38 4.60 -23.01	59.11 4.62 0.00	65.53 4.78 0.00	73.45 3.66 -1.64	58.23 2.05 -2.14	58.62 1.64 -1.98	78.86 1.88 -24.12	56.94 1.72 -5.73
FPL_FAR_ROCK_GT2 23815	44.95 2.84 0.00	35.30 2.10 0.00	33.87 1.98 0.00	37.11 2.11 0.00	35.47 1.84 -1.86	51.52 2.07 -17.59	37.22 1.98 0.00	36.52 1.82 0.00	35.75 2.02 0.00	37.88 2.04 -0.89	45.06 2.77 -0.79	49.93 2.97 -2.27	51.13 3.04 -0.72	59.56 3.64 -1.14	83.26 4.17 -24.25	89.32 4.74 -27.76	80.38 4.60 -23.01	59.11 4.62 0.00	65.53 4.78 0.00	73.45 3.66 -1.64	58.23 2.05 -2.14	58.62 1.64 -1.98	78.86 1.88 -24.12	56.94 1.72 -5.73
FRANKLIN_FALL_HYD 24054	43.09 0.97 0.00	34.27 1.08 0.00	32.80 0.91 0.00	36.03 1.02 0.00	32.71 0.95 0.00	32.79 0.92 0.00	36.45 1.21 0.00	35.76 1.06 0.00	34.49 0.75 0.00	35.59 0.63 0.00	42.06 0.57 0.00	45.27 0.58 0.00	48.08 0.71 0.00	55.62 0.84 0.00	55.43 0.59 0.00	56.56 -0.26 0.00	52.42 -0.35 0.00	-78.83 -1.20 132.12	59.21 -1.53 0.00	67.70 -0.45 0.00	54.61 0.58 0.00	56.22 1.22 0.00	53.78 0.92 0.00	50.40 0.92 0.00



FREEPORT_EQUS_GT1 23764	44.43 2.32 0.00	34.92 1.73 0.00	33.53 1.64 0.00	36.77 1.77 0.00	35.18 1.52 -1.90	51.51 1.70 -17.94	36.84 1.60 0.00	36.13 1.43 0.00	35.34 1.61 0.00	37.38 1.54 -0.89	44.13 2.14 -0.50	47.31 2.23 -0.38	50.47 2.39 -0.71	58.87 2.94 -1.14	82.33 3.25 -24.25	88.50 3.93 -27.76	79.72 3.95 -23.01	58.64 4.16 0.00	64.86 4.12 0.00	70.62 2.88 0.40	54.85 1.43 0.61	52.98 1.21 3.23	48.54 1.48 5.80	41.36 1.22 9.35
FREEPORT___CT2 23818	44.43 2.32 0.00	34.92 1.73 0.00	33.53 1.64 0.00	36.77 1.77 0.00	35.18 1.52 -1.90	51.51 1.70 -17.94	36.84 1.60 0.00	36.13 1.43 0.00	35.34 1.61 0.00	37.38 1.54 -0.89	44.13 2.14 -0.50	47.31 2.23 -0.38	50.47 2.39 -0.71	58.87 2.94 -1.14	82.33 3.25 -24.25	88.50 3.93 -27.76	79.72 3.95 -23.01	58.64 4.16 0.00	64.86 4.12 0.00	70.62 2.88 0.40	54.85 1.43 0.61	52.98 1.21 3.23	48.54 1.48 5.80	41.36 1.22 9.35
FRESHKLS_33_KV_LOAD 356253	44.15 2.03 0.00	34.75 1.55 0.00	33.14 1.25 0.00	36.27 1.26 0.00	32.91 1.14 0.00	33.02 1.15 0.00	36.61 1.37 0.00	36.23 1.52 0.00	35.55 1.82 0.00	37.68 1.84 -0.89	44.30 2.25 -0.56	47.55 2.10 -0.76	49.81 1.73 -0.71	57.74 1.82 -1.14	56.79 1.96 0.00	59.92 3.11 0.00	55.81 3.04 0.00	57.90 3.41 0.00	64.07 3.33 0.00	70.41 2.26 0.00	55.24 1.20 0.00	55.53 0.54 0.00	53.78 0.91 0.00	50.74 1.26 0.00
FULTON COGEN____ 23766	41.41 -0.71 0.00	32.52 -0.67 0.00	31.36 -0.71 -0.18	34.79 -0.78 -0.57	31.07 -0.69 0.00	31.20 -0.67 0.00	34.80 -0.70 -0.25	34.06 -0.70 -0.05	33.06 -0.67 0.00	34.39 -0.56 0.00	40.93 -0.56 0.00	44.11 -0.58 0.00	47.23 -0.62 -0.48	54.94 -0.66 -0.82	54.20 -0.64 0.00	56.49 -0.32 0.00	52.90 -0.13 -0.26	41.28 0.19 13.39	71.07 0.43 -9.90	79.62 0.18 -11.28	53.93 -0.11 0.00	54.69 -0.38 -0.07	52.70 -0.45 -0.29	51.90 -0.43 -2.84
FULTON___LFGE 323630	44.35 2.24 0.00	34.84 1.65 0.00	33.40 1.51 0.00	36.63 1.63 0.00	33.22 1.46 0.00	33.35 1.48 0.00	36.94 1.70 0.00	36.00 1.30 0.00	34.28 0.54 0.00	35.24 0.29 0.00	41.42 0.26 0.32	44.52 0.27 0.44	47.40 0.44 0.41	54.54 0.41 0.66	55.24 0.40 0.00	57.35 0.53 0.00	53.56 0.80 0.00	55.95 1.46 0.00	63.58 2.84 0.00	72.56 4.41 0.00	57.74 3.70 0.00	58.48 3.47 0.00	56.07 3.20 0.00	52.34 2.86 0.00
G.F.CEMENT___DRP 24184	43.54 1.43 0.00	34.42 1.22 0.00	33.16 1.27 0.00	36.47 1.47 0.00	32.96 1.20 0.00	33.14 1.27 0.00	36.53 1.29 0.00	36.03 1.32 0.00	34.80 1.06 0.00	35.68 0.73 0.00	41.36 0.37 0.50	44.46 0.44 0.67	47.09 0.36 0.63	53.99 0.21 1.01	55.44 0.60 0.00	58.39 1.58 0.00	54.81 2.04 0.00	57.43 2.94 0.00	64.85 4.10 0.00	72.27 4.12 0.00	57.32 3.28 0.00	57.64 2.65 0.00	55.18 2.32 0.00	51.29 1.80 0.00
GARDENVILLE___LBMP 24039	41.70 -0.42 0.00	32.16 -1.03 0.00	30.47 -1.42 0.00	33.66 -1.34 0.00	30.56 -1.21 0.00	30.78 -1.09 0.00	34.57 -0.67 0.00	33.87 -0.84 0.00	33.23 -0.50 0.00	35.86 0.91 0.00	43.30 1.81 0.00	47.04 2.34 0.00	50.01 2.64 0.00	58.03 3.24 0.00	57.48 2.64 0.00	59.84 3.03 0.00	55.56 2.80 0.00	57.86 3.37 0.00	64.78 4.04 0.00	71.77 3.62 0.00	56.25 2.21 0.00	56.97 1.97 0.00	54.99 2.12 0.00	51.97 2.48 0.00
GARDNVLA_35_KV_LD 355827	41.90 -0.22 0.00	32.30 -0.90 0.00	30.58 -1.31 0.00	33.77 -1.23 0.00	30.66 -1.10 0.00	30.88 -0.99 0.00	34.68 -0.56 0.00	33.98 -0.72 0.00	33.37 -0.36 0.00	36.04 1.09 0.00	43.55 2.06 0.00	47.32 2.63 0.00	50.35 2.98 0.00	58.45 3.66 0.00	57.91 3.07 0.00	60.30 3.48 0.00	56.01 3.25 0.00	58.33 3.85 0.00	65.28 4.53 0.00	72.32 4.17 0.00	56.62 2.58 0.00	57.33 2.33 0.00	55.30 2.44 0.00	52.24 2.76 0.00
GELCKHM___115KV_LOAD 80723	41.58 -0.53 0.00	32.66 -0.54 0.00	31.37 -0.58 -0.06	34.57 -0.63 -0.20	31.21 -0.56 0.00	31.33 -0.54 0.00	34.79 -0.54 -0.09	34.17 -0.56 -0.02	33.22 -0.52 0.00	34.57 -0.38 0.00	41.21 -0.28 0.00	44.46 -0.23 0.00	47.31 -0.23 -0.17	54.93 -0.15 -0.29	54.69 -0.14 0.00	57.00 0.18 0.00	53.21 0.35 -0.09	44.04 0.69 11.14	65.30 0.98 -3.58	72.93 0.70 -4.07	54.29 0.26 0.00	54.98 -0.05 -0.02	52.85 -0.12 -0.10	50.36 -0.15 -1.03
GENERAL___MILLS 23808	41.81 -0.31 0.00	32.23 -0.96 0.00	30.53 -1.36 0.00	33.73 -1.28 0.00	30.62 -1.14 0.00	30.84 -1.03 0.00	34.62 -0.62 0.00	33.93 -0.77 0.00	33.30 -0.43 0.00	35.95 1.00 0.00	43.44 1.94 0.00	47.18 2.49 0.00	50.18 2.81 0.00	58.25 3.46 0.00	57.68 2.85 0.00	60.06 3.25 0.00	55.78 3.02 0.00	58.08 3.59 0.00	65.02 4.28 0.00	72.05 3.90 0.00	56.43 2.40 0.00	57.15 2.15 0.00	55.15 2.28 0.00	52.12 2.63 0.00
GE_PLASTICS___DRP 24183	41.71 -0.41 0.00	32.93 -0.27 0.00	31.73 -0.15 0.00	34.80 -0.20 0.00	31.58 -0.18 0.00	31.68 -0.19 0.00	34.88 -0.36 0.00	34.40 -0.30 0.00	33.38 -0.35 0.00	34.41 -0.55 0.00	40.39 -0.79 0.31	43.35 -0.91 0.43	45.93 -1.04 0.40	52.82 -1.32 0.64	53.67 -1.17 0.00	56.16 -0.65 0.00	52.33 -0.44 0.00	54.38 -0.11 0.00	60.63 -0.11 0.00	67.40 -0.75 0.00	53.38 -0.66 0.00	53.90 -1.10 0.00	51.87 -0.99 0.00	48.51 -0.98 0.00
GILBOA___1 23756	42.45 0.33 0.00	33.48 0.29 0.00	32.43 0.54 0.00	35.63 0.63 0.00	32.30 0.53 0.00	32.28 0.41 0.00	35.43 0.18 0.00	34.94 0.24 0.00	34.01 0.28 0.00	35.18 0.23 0.00	41.84 0.26 -0.09	45.03 0.22 -0.12	47.67 0.19 -0.11	55.09 0.12 -0.18	55.07 0.24 0.00	57.44 0.62 0.00	53.44 0.68 0.00	55.46 0.98 0.00	61.77 1.03 0.00	68.48 0.33 0.00	54.44 0.40 0.00	55.01 0.01 0.00	52.98 0.11 0.00	49.54 0.06 0.00
GILBOA___2 23757	42.45 0.33 0.00	33.48 0.29 0.00	32.43 0.54 0.00	35.63 0.63 0.00	32.30 0.53 0.00	32.28 0.41 0.00	35.43 0.18 0.00	34.94 0.24 0.00	34.01 0.28 0.00	35.18 0.23 0.00	41.84 0.26 -0.09	45.03 0.22 -0.12	47.67 0.19 -0.11	55.09 0.12 -0.18	55.07 0.24 0.00	57.44 0.62 0.00	53.44 0.68 0.00	55.46 0.98 0.00	61.77 1.03 0.00	68.48 0.33 0.00	54.44 0.40 0.00	55.01 0.01 0.00	52.98 0.11 0.00	49.54 0.06 0.00
GILBOA___3 23758	42.45 0.33 0.00	33.48 0.29 0.00	32.43 0.54 0.00	35.63 0.63 0.00	32.30 0.53 0.00	32.28 0.41 0.00	35.43 0.18 0.00	34.94 0.24 0.00	34.01 0.28 0.00	35.18 0.23 0.00	41.84 0.26 -0.09	45.03 0.22 -0.12	47.67 0.19 -0.11	55.09 0.12 -0.18	55.07 0.24 0.00	57.44 0.62 0.00	53.44 0.68 0.00	55.46 0.98 0.00	61.77 1.03 0.00	68.48 0.33 0.00	54.44 0.40 0.00	55.01 0.01 0.00	52.98 0.11 0.00	49.54 0.06 0.00
GILBOA___4 23759	42.45 0.33 0.00	33.48 0.29 0.00	32.43 0.54 0.00	35.63 0.63 0.00	32.30 0.53 0.00	32.28 0.41 0.00	35.43 0.18 0.00	34.94 0.24 0.00	34.01 0.28 0.00	35.18 0.23 0.00	41.84 0.26 -0.09	45.03 0.22 -0.12	47.67 0.19 -0.11	55.09 0.12 -0.18	55.07 0.24 0.00	57.44 0.62 0.00	53.44 0.68 0.00	55.46 0.98 0.00	61.77 1.03 0.00	68.48 0.33 0.00	54.44 0.40 0.00	55.01 0.01 0.00	52.98 0.11 0.00	49.54 0.06 0.00

GILBOA____ 23599	42.45 0.33 0.00	33.48 0.29 0.00	32.43 0.54 0.00	35.63 0.63 0.00	32.30 0.53 0.00	32.28 0.41 0.00	35.43 0.18 0.00	34.94 0.23 0.00	34.01 0.28 0.00	35.18 0.23 0.00	41.84 0.26 -0.09	45.03 0.22 -0.12	47.67 0.19 -0.11	55.09 0.12 -0.18	55.07 0.23 0.00	57.43 0.62 0.00	53.44 0.68 0.00	55.46 0.98 0.00	61.77 1.03 0.00	68.48 0.33 0.00	54.44 0.40 0.00	55.00 0.01 0.00	52.97 0.11 0.00	49.54 0.05 0.00
GINNA____ 23603	40.39 -1.72 0.00	31.40 -1.79 0.00	29.91 -1.98 0.00	32.88 -2.12 0.00	29.86 -1.90 0.00	30.04 -1.83 0.00	33.49 -1.75 0.00	32.91 -1.79 0.00	32.11 -1.63 0.00	34.05 -0.90 0.00	40.85 -0.64 0.00	44.28 -0.41 0.00	47.02 -0.35 0.00	54.61 -0.18 0.00	54.47 -0.37 0.00	56.77 -0.04 0.00	52.90 0.13 0.00	55.06 0.57 0.00	61.64 0.90 0.00	68.54 0.39 0.00	52.31 -0.24 1.48	54.41 -0.59 0.00	52.21 -0.66 0.00	49.00 -0.49 0.00
GLEN PARK____ 23778	45.17 3.05 0.00	35.43 2.24 0.00	33.90 1.94 -0.08	37.36 2.12 -0.24	33.69 1.93 0.00	33.92 2.06 0.00	37.74 2.39 -0.11	36.78 2.05 -0.02	35.12 1.38 0.00	36.19 1.24 0.00	42.93 1.44 0.00	45.81 1.12 0.00	48.87 1.29 -0.20	56.65 1.51 -0.35	56.29 1.45 0.00	58.20 1.39 0.00	54.63 1.76 -0.11	-52.24 2.27 108.99	68.65 3.63 -4.28	78.49 5.45 -4.88	59.01 4.98 0.00	60.36 5.33 -0.03	57.76 4.77 -0.12	54.71 4.00 -1.23
GLENDALE_27_KV_LOAD 356172	44.27 2.15 0.00	34.82 1.63 0.00	33.24 1.35 0.00	36.37 1.37 0.00	32.99 1.23 0.00	33.12 1.25 0.00	36.71 1.46 0.00	36.39 1.69 0.00	35.73 2.00 0.00	37.89 2.04 -0.89	44.47 2.43 -0.56	47.77 2.32 -0.76	50.28 2.20 -0.71	58.22 2.30 -1.14	57.19 2.35 0.00	60.24 3.43 0.00	56.08 3.32 0.00	58.20 3.72 0.00	64.38 3.63 0.00	70.66 2.51 0.00	55.42 1.39 0.00	55.62 0.89 0.27	54.27 1.41 0.00	50.98 1.49 0.00
GLENWOOD_IC_1_G5 23712	44.22 2.11 0.00	34.76 1.57 0.00	33.32 1.43 0.00	36.50 1.50 0.00	34.61 1.30 -1.54	47.82 1.38 -14.57	36.67 1.43 0.00	36.03 1.33 0.00	35.28 1.55 0.00	37.41 1.57 -0.89	44.13 2.12 -0.51	47.29 2.14 -0.46	50.16 2.08 -0.71	58.32 2.39 -1.14	81.81 2.72 -24.25	88.26 3.68 -27.76	79.43 3.65 -23.01	58.37 3.88 0.00	64.59 3.84 0.00	70.56 2.73 0.32	54.98 1.42 0.48	53.95 0.95 2.00	50.23 1.52 4.16	45.04 1.33 5.77
GLENWOOD_IC_2_G1 23688	43.99 1.88 0.00	34.60 1.40 0.00	33.15 1.26 0.00	36.30 1.30 0.00	32.90 1.13 0.00	33.03 1.17 0.00	36.50 1.26 0.00	36.03 1.32 0.00	35.26 1.53 0.00	37.40 1.56 -0.89	44.08 2.03 -0.56	47.47 2.03 -0.76	50.13 2.05 -0.71	58.20 2.28 -1.14	81.58 2.50 -24.25	88.03 3.46 -27.76	79.19 3.41 -23.01	58.22 3.73 0.00	64.50 3.75 0.00	70.91 2.76 0.00	55.53 1.49 0.00	55.98 0.98 0.00	54.13 1.26 0.00	50.67 1.18 0.00
GLENWOOD_IC_3_G1 23689	43.99 1.88 0.00	34.60 1.40 0.00	33.15 1.26 0.00	36.30 1.30 0.00	32.90 1.13 0.00	33.03 1.17 0.00	36.50 1.26 0.00	36.03 1.32 0.00	35.26 1.53 0.00	37.40 1.56 -0.89	44.08 2.03 -0.56	47.47 2.03 -0.76	50.13 2.05 -0.71	58.20 2.28 -1.14	81.58 2.50 -24.25	88.03 3.46 -27.76	79.19 3.41 -23.01	58.22 3.73 0.00	64.50 3.75 0.00	70.91 2.76 0.00	55.53 1.49 0.00	55.98 0.98 0.00	54.13 1.26 0.00	50.67 1.18 0.00
GLENWOOD____4 23550	44.22 2.11 0.00	34.76 1.57 0.00	33.32 1.43 0.00	36.50 1.50 0.00	34.61 1.30 -1.54	47.82 1.38 -14.57	36.67 1.43 0.00	36.08 1.37 0.00	35.33 1.60 0.00	37.45 1.61 -0.89	44.18 2.17 -0.51	47.36 2.21 -0.46	50.27 2.19 -0.71	58.46 2.54 -1.14	81.94 2.85 -24.25	88.40 3.82 -27.76	79.57 3.80 -23.01	58.50 4.02 0.00	64.73 3.98 0.00	70.76 2.93 0.32	55.12 1.56 0.48	54.08 1.08 2.00	50.23 1.52 4.16	45.04 1.33 5.77
GLENWOOD____5 23614	44.22 2.11 0.00	34.76 1.57 0.00	33.32 1.43 0.00	36.50 1.50 0.00	34.61 1.30 -1.54	47.82 1.38 -14.57	36.67 1.43 0.00	36.08 1.37 0.00	35.33 1.60 0.00	37.45 1.61 -0.89	44.18 2.17 -0.51	47.36 2.21 -0.46	50.27 2.19 -0.71	58.46 2.54 -1.14	81.94 2.85 -24.25	88.40 3.82 -27.76	79.57 3.80 -23.01	58.50 4.02 0.00	64.73 3.98 0.00	70.76 2.93 0.32	55.12 1.56 0.48	54.08 1.08 2.00	50.23 1.52 4.16	45.04 1.33 5.77
GLOBAL GREEN_PORT_GT1 23814	46.65 4.54 0.00	36.25 3.05 0.00	34.80 2.91 0.00	38.37 3.37 0.00	36.65 2.77 -2.11	54.37 2.51 -19.99	37.85 2.61 0.00	36.86 2.16 0.00	36.11 2.38 0.00	38.03 2.19 -0.89	44.83 3.02 -0.32	46.99 3.19 0.89	50.28 2.63 -0.28	58.54 3.63 -0.13	82.13 5.17 -22.12	90.65 6.08 -27.76	81.90 6.13 -23.01	60.49 6.01 0.00	66.73 5.99 0.00	70.86 4.36 1.65	53.72 2.01 2.33	50.26 2.75 7.49	28.67 3.18 27.37	30.60 2.81 21.69
GLOBE____DSASP 323697	40.48 -1.63 0.00	31.22 -1.98 0.00	29.57 -2.31 0.00	32.80 -2.20 0.00	29.88 -1.88 0.00	30.10 -1.77 0.00	33.79 -1.46 0.00	33.08 -1.63 0.00	32.44 -1.29 0.00	35.14 0.19 0.00	42.39 0.90 0.00	45.97 1.28 0.00	48.79 1.42 0.00	56.52 1.73 0.00	55.85 1.01 0.00	58.05 1.24 0.00	53.94 1.17 0.00	56.12 1.63 0.00	62.45 1.70 0.00	69.15 1.00 0.00	54.57 0.54 0.00	55.52 0.52 0.00	53.70 0.83 0.00	51.04 1.56 0.00
GOETHSLN____LBMP 323567	43.76 1.65 0.00	34.43 1.23 0.00	32.90 1.01 0.00	35.98 0.98 0.00	32.61 0.85 0.00	32.71 0.85 0.00	36.28 1.04 0.00	35.95 1.25 0.00	35.31 1.57 0.00	37.48 1.64 -0.89	44.06 2.01 -0.56	47.39 1.94 -0.76	49.97 1.89 -0.71	57.84 1.91 -1.14	56.81 1.97 0.00	59.81 2.99 0.00	55.63 2.87 0.00	57.77 3.28 0.00	63.95 3.20 0.00	70.32 2.17 0.00	55.07 1.03 0.00	55.46 0.46 0.00	53.68 0.82 0.00	50.43 0.95 0.00
GOLAH____69_KV_TB 1_2 80279	42.67 0.55 0.00	33.06 -0.14 0.00	31.38 -0.51 0.00	34.55 -0.45 0.00	31.37 -0.40 0.00	31.58 -0.29 0.00	35.31 0.07 0.00	34.64 -0.07 0.00	33.77 0.04 0.00	35.97 1.02 0.00	43.18 1.69 0.00	46.84 2.15 0.00	49.61 2.24 0.00	57.62 2.83 0.00	57.37 2.53 0.00	59.80 2.98 0.00	55.66 2.89 0.00	57.99 3.51 0.00	65.03 4.29 0.00	72.48 4.33 0.00	56.97 2.93 0.00	57.64 2.64 0.00	55.32 2.46 0.00	52.10 2.61 0.00
GOODYEAR_LAKE_HYD 323669	43.38 1.26 0.00	34.08 0.88 0.00	32.77 0.87 -0.02	36.01 0.96 -0.05	32.64 0.88 0.00	32.68 0.81 0.00	36.20 0.94 -0.02	35.61 0.90 0.00	34.67 0.94 0.00	36.07 1.12 0.00	43.05 1.56 0.00	46.40 1.70 0.00	49.27 1.86 -0.04	57.11 2.25 -0.07	57.09 2.25 0.00	59.43 2.62 0.00	55.40 2.64 0.00	57.47 2.98 0.00	64.24 3.50 0.00	71.67 3.52 0.00	56.56 2.53 0.00	57.21 2.21 0.00	54.94 2.07 0.00	51.32 1.84 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.03 -0.08 0.00	32.94 -0.26 0.00	31.66 -0.27 -0.04	34.91 -0.22 -0.13	31.56 -0.21 0.00	31.66 -0.20 0.00	35.19 -0.11 -0.06	34.56 -0.15 -0.01	33.68 -0.05 0.00	35.08 0.13 0.00	41.96 0.47 0.00	45.25 0.56 0.00	48.20 0.72 -0.11	55.90 0.93 -0.18	55.76 0.92 0.00	58.24 1.43 0.00	54.43 1.61 -0.06	56.67 2.03 -0.15	65.46 2.56 -2.15	72.69 2.09 -2.46	55.14 1.11 0.00	55.73 0.72 -0.01	53.71 0.78 -0.06	50.71 0.61 -0.62

GOUDEY___7 23579	42.03 -0.08 0.00	32.94 -0.26 0.00	31.66 -0.27 -0.04	34.91 -0.22 -0.13	31.56 -0.21 0.00	31.66 -0.20 0.00	35.19 -0.11 -0.06	34.56 -0.15 -0.01	33.68 -0.05 0.00	35.08 0.13 0.00	41.96 0.47 0.00	45.25 0.56 0.00	48.20 0.72 -0.11	55.90 0.93 -0.18	55.76 0.92 0.00	58.24 1.43 0.00	54.43 1.61 -0.06	56.67 2.03 -0.15	65.46 2.56 -2.15	72.69 2.09 -2.46	55.14 1.11 0.00	55.73 0.72 -0.01	53.71 0.78 -0.06	50.71 0.61 -0.62
GOUDEY___8 23580	42.03 -0.08 0.00	32.94 -0.26 0.00	31.66 -0.27 -0.04	34.91 -0.22 -0.13	31.56 -0.21 0.00	31.66 -0.20 0.00	35.19 -0.11 -0.06	34.56 -0.15 -0.01	33.68 -0.05 0.00	35.08 0.13 0.00	41.96 0.47 0.00	45.25 0.56 0.00	48.20 0.72 -0.11	55.90 0.93 -0.18	55.76 0.92 0.00	58.24 1.43 0.00	54.43 1.61 -0.06	56.67 2.03 -0.15	65.46 2.56 -2.15	72.69 2.09 -2.46	55.14 1.11 0.00	55.73 0.72 -0.01	53.71 0.78 -0.06	50.71 0.61 -0.62
GOWANUS_GT1_1 24077	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT1_2 24078	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT1_3 24079	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT1_4 24080	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT1_5 24084	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT1_6 24111	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00																	

GOWANUS_GT2_6 24119	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT2_7 24120	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT2_8 24121	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT3_1 24122	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT3_2 24123	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT3_3 24124	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT3_4 24125	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT3_5 24126	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT3_6 24127	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT3_7 24128	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT3_8 24129	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
GOWANUS_GT4_1 24130	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT4_2 24131	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT4_3 24132	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT4_4 24133	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00

GOWANUS_GT4_5 24134	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT4_6 24135	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT4_7 24136	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GOWANUS_GT4_8 24137	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GREATVR_69_KV_BK1 356245	45.10 2.99 0.00	35.45 2.25 0.00	34.08 2.19 0.00	37.45 2.45 0.00	35.97 2.11 -2.09	53.91 2.23 -19.82	37.42 2.18 0.00	36.60 1.90 0.00	35.77 2.04 0.00	37.77 1.93 -0.89	44.42 2.59 -0.33	46.49 2.62 0.83	50.35 2.74 -0.25	58.30 3.45 -0.06	81.55 4.15 -22.57	89.39 4.82 -27.76	80.79 5.02 -23.01	59.53 5.04 0.00	65.70 4.96 0.00	70.17 3.58 1.57	53.66 1.85 2.23	49.32 1.53 7.21	28.62 1.74 25.99	30.03 1.41 20.87
GREENBSH_115KV_TB3 55895	41.75 -0.36 0.00	33.00 -0.20 0.00	31.81 -0.07 0.00	34.86 -0.14 0.00	31.65 -0.11 0.00	31.77 -0.10 0.00	34.97 -0.28 0.00	34.49 -0.22 0.00	33.43 -0.30 0.00	34.42 -0.53 0.00	40.21 -0.84 0.43	43.14 -0.96 0.59	45.73 -1.08 0.55	52.50 -1.40 0.88	53.62 -1.22 0.00	56.16 -0.65 0.00	52.36 -0.41 0.00	54.46 -0.03 0.00	60.74 -0.01 0.00	67.50 -0.65 0.00	53.43 -0.60 0.00	53.91 -1.09 0.00	51.88 -0.98 0.00	48.49 -1.00 0.00
GREENDGE_115KV_TB5 80291	42.15 0.03 0.00	32.92 -0.27 0.00	31.52 -0.41 -0.04	34.77 -0.35 -0.11	31.49 -0.28 0.00	31.62 -0.25 0.00	35.25 -0.04 -0.05	34.59 -0.13 -0.01	33.58 -0.15 0.00	35.01 0.06 0.00	41.89 0.40 0.00	44.89 0.19 0.00	47.92 0.46 -0.09	55.83 0.88 -0.16	55.64 0.80 0.00	58.15 1.34 0.00	54.71 1.90 -0.05	57.24 2.63 -0.13	66.21 3.63 -1.84	73.81 3.57 -2.09	56.15 2.12 0.00	56.58 1.57 -0.01	54.36 1.45 -0.05	51.29 1.28 -0.53
GREENIDGE___3 23582	42.15 0.03 0.00	32.92 -0.27 0.00	31.52 -0.41 -0.04	34.77 -0.35 -0.11	31.49 -0.28 0.00	31.62 -0.25 0.00	35.25 -0.04 -0.05	34.59 -0.13 -0.01	33.58 -0.15 0.00	35.01 0.06 0.00	41.89 0.40 0.00	44.89 0.19 0.00	47.92 0.46 -0.09	55.83 0.88 -0.16	55.64 0.80 0.00	58.15 1.34 0.00	54.71 1.90 -0.05	57.24 2.63 -0.13	66.21 3.63 -1.84	73.81 3.57 -2.09	56.15 2.12 0.00	56.58 1.57 -0.01	54.36 1.45 -0.05	51.29 1.28 -0.53
GREENIDGE___4 23583	42.15 0.03 0.00	32.92 -0.27 0.00	31.52 -0.41 -0.04	34.77 -0.35 -0.11	31.48 -0.28 0.00	31.62 -0.25 0.00	35.26 -0.03 -0.05	34.59 -0.13 -0.01	33.58 -0.15 0.00	35.01 0.06 0.00	41.89 0.40 0.00	44.89 0.19 0.00	47.93 0.46 -0.09	55.83 0.88 -0.16	55.64 0.80 0.00	58.15 1.34 0.00	54.72 1.91 -0.05	57.24 2.62 -0.13	66.20 3.61 -1.84	73.80 3.56 -2.09	58.07 2.12 -1.92	56.58 1.57 -0.01	54.37 1.45 -0.05	51.29 1.28 -0.53
GREENLWN_69_KV_BK 3 55738	43.63 1.51 0.00	34.44 1.25 0.00	33.18 1.29 0.00	36.49 1.49 0.00	35.12 1.26 -2.10	53.10 1.40 -19.83	36.42 1.18 0.00	35.55 0.84 0.00	34.65 0.92 0.00	36.58 0.74 -0.89	42.95 1.12 -0.33	44.65 1.02 1.06	47.98 1.07 0.46	54.55 1.40 1.64	74.50 2.00 -17.66	87.43 2.85 -27.76	78.81 3.03 -23.01	57.39 2.91 0.00	63.36 2.62 0.00	67.68 1.13 1.60	51.86 0.08 2.26	47.31 -0.39 7.29	26.39 -0.02 26.45	28.24 -0.13 21.11
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00
GRISSOM___SOLAR 323813	44.25 2.13 0.00	34.78 1.58 0.00	33.35 1.46 0.00	36.58 1.58 0.00	33.16 1.40 0.00	33.30 1.43 0.00	36.86 1.61 0.00	35.90 1.19 0.00	34.07 0.34 0.00	34.93 -0.02 0.33	40.99 -0.18 0.45	44.05 -0.20 0.42	46.90 -0.04 0.67	53.87 -0.24 0.00	54.63 -0.21 0.00	56.79 -0.03 0.00	53.05 0.29 0.00	55.52 1.03 0.00	63.27 2.52 0.00	72.25 4.10 0.00	57.51 3.47 0.00	58.20 3.20 0.00	55.83 2.96 0.00	52.10 2.62 0.00
GROVEVILLE___HYD 323602	44.07 1.96 0.00	34.61 1.42 0.00	33.15 1.26 0.00	36.33 1.33 0.00	32.91 1.14 0.00	32.99 1.12 0.00	36.51 1.27 0.00	36.12 1.41 0.00	35.32 1.58 0.00	36.59 1.64 0.00	43.96 2.01 -0.45	47.40 2.10 -0.61	50.12 2.17 -0.58	58.15 2.44 -0.92	57.48 2.64 0.00	60.49 3.68 0.00	56.46 3.69 0.00	58.71 4.23 0.00	65.21 4.46 0.00	71.89 3.74 0.00	56.40 2.37 0.00	56.76 1.76 0.00	54.71 1.84 0.00	51.08 1.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.82 -0.30 0.00	32.88 -0.32 0.00	31.63 -0.36 -0.10	34.90 -0.42 -0.31	31.42 -0.35 0.00	31.55 -0.32 0.00	35.09 -0.29 -0.14	34.40 -0.33 -0.03	33.43 -0.30 0.00	34.78 -0.17 0.00	41.47 -0.02 0.00	44.73 0.04 0.00	47.71 0.08 -0.26	55.45 0.21 -0.45	55.08 0.25 0.00	57.40 0.59 0.00	53.67 0.76 -0.14	45.76 1.16 9.89	67.72 1.53 -5.44	75.68 1.33 -6.20	54.73 0.70 0.00	55.40 0.37 -0.04	53.29 0.26 -0.16	51.25 0.20 -1.56
HAMLTNNY_34_KV_TB 80303	42.15 0.04 0.00	33.00 -0.20 0.00	31.66 -0.32 -0.09	34.92 -0.38 -0.30	31.47 -0.30 0.00	31.61 -0.26 0.00	35.22 -0.15 -0.13	34.50 -0.23 -0.03	33.54 -0.20 0.00	34.96 0.01 0.00	41.84 0.35 0.00	45.20 0.51 0.00	48.19 0.57 -0.25	56.04 0.82 -0.43	55.69 0.85 0.00	58.00 1.18 0.00	54.26 1.36 -0.14	47.74 1.80 8.55	68.28 2.33 -5.20	76.30 2.22 -5.93	55.34 1.31 0.00	56.01 0.97 -0.03	53.84 0.83 -0.15	51.76 0.78 -1.50

HAMPSHIRE___PAPER_HYD 323593	43.70 1.59 0.00	34.58 1.38 0.00	33.12 1.20 -0.03	36.40 1.30 -0.10	32.96 1.19 0.00	33.10 1.23 0.00	36.77 1.48 -0.04	35.90 1.18 -0.01	34.34 0.61 0.00	35.42 0.47 0.00	41.86 0.37 0.00	44.96 0.27 0.00	47.83 0.38 -0.08	55.29 0.36 -0.14	55.02 0.18 0.00	56.35 -0.46 0.00	52.48 -0.33 -0.05	-239.79 -0.83 293.44	61.96 -0.50 -1.71	70.87 0.77 -1.95	55.66 1.62 0.00	57.24 2.22 -0.01	54.99 2.08 -0.05	51.84 1.86 -0.49
HARDSCRABBLE_WT_PWR 323673	42.68 0.56 0.00	33.64 0.45 0.00	32.46 0.57 0.00	35.62 0.62 0.00	32.32 0.56 0.00	32.48 0.61 0.00	35.77 0.53 0.00	35.02 0.31 0.00	33.62 -0.11 0.00	34.47 -0.48 0.00	40.66 -0.83 0.00	43.97 -0.72 0.00	46.59 -0.78 0.00	53.70 -1.08 0.00	53.99 -0.84 0.00	56.76 -0.05 0.00	53.00 0.23 0.00	47.53 1.15 8.12	63.04 2.30 0.00	70.54 2.39 0.00	55.70 1.66 0.00	56.04 1.04 0.00	53.74 0.88 0.00	49.92 0.43 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.81 1.69 0.00	34.40 1.20 0.00	32.93 1.05 0.00	36.07 1.07 0.00	32.70 0.93 0.00	32.77 0.90 0.00	36.28 1.03 0.00	35.89 1.18 0.00	35.13 1.39 0.00	35.29 1.47 1.13	43.87 1.89 -0.49	47.40 2.05 -0.66	50.14 2.15 -0.62	58.23 2.44 -1.00	57.42 2.59 0.00	60.39 3.58 0.00	56.33 3.57 0.00	58.56 4.07 0.00	65.03 4.28 0.00	71.73 3.58 0.00	56.21 2.18 0.00	56.52 1.52 0.00	54.48 1.62 0.00	50.91 1.43 0.00
HARSNRAD_115KV_TB1 81005	41.12 -1.00 0.00	31.68 -1.51 0.00	29.99 -1.90 0.00	33.15 -1.86 0.00	30.11 -1.66 0.00	30.33 -1.54 0.00	34.05 -1.19 0.00	33.29 -1.41 0.00	32.61 -1.12 0.00	35.31 0.35 0.00	42.56 1.07 0.00	46.19 1.50 0.00	49.02 1.65 0.00	56.79 2.00 0.00	56.17 1.33 0.00	58.39 1.58 0.00	54.20 1.43 0.00	56.47 1.98 0.00	63.18 2.43 0.00	70.23 2.08 0.00	55.18 1.14 0.00	56.06 1.06 0.00	54.10 1.24 0.00	51.34 1.86 0.00
HARZA MOOSE___RIVER 24016	43.84 1.72 0.00	34.48 1.28 0.00	33.06 1.14 -0.03	36.35 1.26 -0.08	32.91 1.14 0.00	33.08 1.21 0.00	36.69 1.41 -0.04	35.94 1.23 -0.01	34.61 0.87 0.00	35.73 0.78 0.00	42.41 0.92 0.00	45.56 0.87 0.00	48.42 0.98 -0.07	56.12 1.21 -0.12	56.01 1.18 0.00	58.09 1.27 0.00	54.25 1.45 -0.04	-24.36 1.78 80.62	64.75 2.53 -1.47	73.22 3.39 -1.68	56.93 2.89 0.00	57.89 2.88 -0.01	55.49 2.59 -0.04	52.06 2.15 -0.42
HDSNBRDG_115KV_BRDG_TB1 355580	41.63 -0.48 0.00	32.66 -0.54 0.00	31.36 -0.58 -0.05	34.54 -0.63 -0.17	31.21 -0.56 0.00	31.34 -0.53 0.00	34.78 -0.54 -0.07	34.18 -0.54 -0.02	33.24 -0.49 0.00	34.63 -0.32 0.00	41.27 -0.22 0.00	44.54 -0.15 0.00	47.36 -0.15 -0.14	54.92 -0.12 -0.25	54.75 -0.09 0.00	57.07 0.26 0.00	53.27 0.43 -0.08	43.93 0.77 11.33	64.80 1.07 -2.99	72.30 0.75 -3.40	54.32 0.29 0.00	55.00 -0.03 -0.02	52.87 -0.08 -0.09	50.25 -0.86 -0.86
HELLGATE_13_KV_LD 55870	44.39 2.28 0.00	34.91 1.72 0.00	33.31 1.43 0.00	36.45 1.45 0.00	33.08 1.32 0.00	33.20 1.34 0.00	36.79 1.55 0.00	36.48 1.77 0.00	35.83 2.09 0.00	37.99 2.15 -0.89	44.59 2.54 -0.56	47.89 2.45 -0.76	50.41 2.33 -0.71	58.35 2.43 -1.14	57.34 2.50 0.00	60.40 3.59 0.00	56.25 3.49 0.00	58.41 3.92 0.00	64.56 3.82 0.00	70.87 2.72 0.00	55.58 1.54 0.00	55.86 1.04 0.18	54.44 1.58 0.00	51.12 1.63 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.39 2.28 0.00	34.91 1.72 0.00	33.31 1.43 0.00	36.45 1.45 0.00	33.08 1.32 0.00	33.20 1.34 0.00	36.79 1.55 0.00	36.48 1.77 0.00	35.83 2.09 0.00	37.99 2.15 -0.89	44.59 2.54 -0.56	47.89 2.45 -0.76	50.41 2.33 -0.71	58.35 2.43 -1.14	57.34 2.50 0.00	60.40 3.59 0.00	56.25 3.49 0.00	58.41 3.92 0.00	64.56 3.82 0.00	70.87 2.72 0.00	55.58 1.54 0.00	55.86 1.04 0.18	54.44 1.58 0.00	51.12 1.63 0.00
HEMPSTEAD____ 23647	44.04 1.93 0.00	34.63 1.43 0.00	33.24 1.35 0.00	36.45 1.44 0.00	34.77 1.24 -1.77	50.03 1.38 -16.77	36.56 1.32 0.00	35.89 1.18 0.00	35.11 1.38 0.00	37.16 1.32 -0.89	43.82 1.85 -0.48	46.81 1.87 -0.26	50.02 1.94 -0.71	58.27 2.34 -1.14	81.86 2.77 -24.25	88.20 3.63 -27.76	79.42 3.64 -23.01	58.23 3.74 0.00	64.37 3.62 0.00	70.01 2.40 0.54	54.36 1.11 0.78	52.59 0.70 3.11	46.81 1.06 7.11	41.33 0.86 9.01
HICKLING___1 23621	41.78 -0.34 0.00	32.59 -0.60 0.00	31.27 -0.65 -0.04	34.57 -0.55 -0.11	31.29 -0.47 0.00	31.38 -0.49 0.00	35.02 -0.27 -0.05	34.34 -0.38 -0.01	33.42 -0.31 0.00	34.82 -0.13 0.00	41.92 0.43 0.00	45.20 0.51 0.00	48.40 0.94 -0.09	56.27 1.32 -0.16	56.08 1.24 0.00	58.80 1.99 0.00	55.35 2.54 -0.05	57.77 3.16 -0.13	66.58 4.03 -1.80	73.71 3.51 -2.05	55.91 1.87 0.00	56.31 1.30 -0.01	54.32 1.40 -0.05	51.17 1.17 -0.51
HICKLING___2 23622	41.78 -0.34 0.00	32.59 -0.60 0.00	31.27 -0.65 -0.04	34.57 -0.55 -0.11	31.29 -0.47 0.00	31.38 -0.49 0.00	35.02 -0.27 -0.05	34.34 -0.38 -0.01	33.42 -0.31 0.00	34.82 -0.13 0.00	41.92 0.43 0.00	45.20 0.51 0.00	48.40 0.94 -0.09	56.27 1.32 -0.16	56.08 1.24 0.00	58.80 1.99 0.00	55.35 2.54 -0.05	57.77 3.16 -0.13	66.58 4.03 -1.80	73.71 3.51 -2.05	55.91 1.87 0.00	56.31 1.30 -0.01	54.32 1.40 -0.05	51.17 1.17 -0.51
HIGH FALLS___HY 23754	44.32 2.20 0.00	34.75 1.56 0.00	33.25 1.36 0.00	36.41 1.41 0.00	32.98 1.22 0.00	33.04 1.17 0.00	36.59 1.35 0.00	36.21 1.50 0.00	35.46 1.72 0.00	36.75 1.80 0.00	44.02 2.23 -0.30	47.38 2.28 -0.41	50.15 2.39 -0.39	58.15 2.75 -0.62	57.77 2.93 0.00	60.50 3.69 0.00	56.65 3.89 0.00	59.11 4.62 0.00	65.80 5.06 0.00	72.53 4.38 0.00	56.85 2.81 0.00	57.41 2.40 0.00	55.28 2.41 0.00	51.56 2.08 0.00
HIGH_RIVER___SOLAR 323847	43.39 1.27 0.00	34.14 0.95 0.00	32.81 0.92 0.00	36.01 1.01 0.00	32.65 0.89 0.00	32.76 0.89 0.00	36.19 0.95 0.00	35.47 0.76 0.00	34.04 0.30 0.00	34.91 -0.05 0.00	40.87 -0.26 0.36	43.92 -0.29 0.48	46.60 -0.31 0.46	53.66 -0.40 0.73	54.51 -0.33 0.00	56.81 -0.01 0.00	53.08 0.31 0.00	55.54 1.06 0.00	62.69 1.95 0.00	70.68 2.54 0.00	56.11 2.08 0.00	56.79 1.79 0.00	54.54 1.68 0.00	50.93 1.44 0.00
HILLBURN___GT 23639	43.58 1.47 0.00	34.24 1.04 0.00	32.77 0.88 0.00	35.90 0.89 0.00	32.55 0.78 0.00	32.61 0.74 0.00	36.14 0.89 0.00	35.77 1.06 0.00	35.02 1.29 0.00	35.00 1.35 1.31	43.74 1.75 -0.50	47.22 1.85 -0.68	49.94 1.93 -0.64	57.91 2.09 -1.03	57.03 2.19 0.00	59.98 3.16 0.00	55.90 3.14 0.00	58.05 3.57 0.00	64.44 3.69 0.00	71.03 2.88 0.00	55.63 1.60 0.00	55.94 0.94 0.00	53.99 1.13 0.00	50.52 1.04 0.00
HILLSIDE_115KV_TB1 80332	41.19 -0.93 0.00	32.17 -1.03 0.00	30.91 -1.02 -0.04	34.14 -0.98 -0.11	30.89 -0.88 0.00	30.99 -0.87 0.00	34.56 -0.73 -0.05	33.91 -0.80 -0.01	33.09 -0.65 0.00	34.44 -0.51 0.00	41.50 0.01 0.00	44.75 0.06 0.00	47.84 0.37 -0.10	55.56 0.61 -0.16	55.39 0.55 0.00	57.97 1.16 0.00	54.36 1.55 -0.05	56.68 2.06 -0.13	65.33 2.72 -1.87	72.25 1.97 -2.13	54.72 0.68 0.00	55.20 0.19 -0.01	53.32 0.40 -0.05	50.18 0.16 -0.54

HISHELDN_WT_PWR 323625	41.52 -0.59 0.00	32.02 -1.18 0.00	30.33 -1.56 0.00	33.50 -1.50 0.00	30.42 -1.34 0.00	30.62 -1.24 0.00	34.38 -0.86 0.00	33.67 -1.04 0.00	33.05 -0.69 0.00	35.70 0.75 0.00	43.10 1.61 0.00	46.81 2.12 0.00	49.76 2.39 0.00	57.74 2.95 0.00	57.17 2.34 0.00	59.47 2.65 0.00	54.84 2.08 0.00	57.13 2.65 0.00	64.11 3.37 0.00	71.15 3.00 0.00	53.54 1.68 2.18	56.28 1.28 0.00	54.37 1.50 0.00	51.38 1.90 0.00
HOLTSVILLE_IC_1 23690	44.31 2.19 0.00	34.88 1.68 0.00	33.57 1.68 0.00	36.90 1.90 0.00	35.49 1.61 -2.11	53.56 1.70 -20.00	36.83 1.59 0.00	35.98 1.27 0.00	35.13 1.39 0.00	37.05 1.22 -0.89	43.48 1.66 -0.32	45.32 1.52 0.89	49.15 1.47 -0.31	56.93 1.94 -0.19	79.76 2.66 -22.26	87.92 3.34 -27.76	79.33 3.55 -23.01	57.95 3.46 0.00	63.96 3.22 0.00	68.11 1.61 1.65	52.05 0.35 2.34	47.56 0.07 7.51	25.80 0.39 27.45	28.02 0.27 21.74
HOLTSVILLE_IC_10 23699	44.60 2.49 0.00	35.09 1.90 0.00	33.76 1.87 0.00	37.11 2.10 0.00	35.66 1.79 -2.11	53.70 1.88 -19.95	37.04 1.80 0.00	36.20 1.49 0.00	35.36 1.63 0.00	37.32 1.48 -0.89	43.81 2.00 -0.33	45.68 1.90 0.91	49.41 1.85 -0.19	57.13 2.43 0.09	79.72 3.19 -21.70	88.48 3.91 -27.76	79.86 4.08 -23.01	58.52 4.04 0.00	64.57 3.83 0.00	68.75 2.24 1.63	52.52 0.79 2.31	48.08 0.51 7.44	26.54 0.78 27.10	28.56 0.61 21.53
HOLTSVILLE_IC_2 23691	44.31 2.19 0.00	34.88 1.68 0.00	33.57 1.68 0.00	36.90 1.90 0.00	35.49 1.61 -2.11	53.56 1.70 -20.00	36.83 1.59 0.00	35.98 1.27 0.00	35.13 1.39 0.00	37.05 1.22 -0.89	43.48 1.66 -0.32	45.32 1.52 0.89	49.15 1.47 -0.31	56.93 1.94 -0.19	79.76 2.66 -22.26	87.92 3.34 -27.76	79.33 3.55 -23.01	57.95 3.46 0.00	63.96 3.22 0.00	68.11 1.61 1.65	52.05 0.35 2.34	47.56 0.07 7.51	25.80 0.39 27.45	28.02 0.27 21.74
HOLTSVILLE_IC_3 23692	44.31 2.19 0.00	34.88 1.68 0.00	33.57 1.68 0.00	36.90 1.90 0.00	35.49 1.61 -2.11	53.56 1.70 -20.00	36.83 1.59 0.00	35.98 1.27 0.00	35.13 1.39 0.00	37.05 1.22 -0.89	43.48 1.66 -0.32	45.32 1.52 0.89	49.15 1.47 -0.31	56.93 1.94 -0.19	79.76 2.66 -22.26	87.92 3.34 -27.76	79.33 3.55 -23.01	57.95 3.46 0.00	63.96 3.22 0.00	68.11 1.61 1.65	52.05 0.35 2.34	47.56 0.07 7.51	25.80 0.39 27.45	28.02 0.27 21.74
HOLTSVILLE_IC_4 23693	44.31 2.19 0.00	34.88 1.68 0.00	33.57 1.68 0.00	36.90 1.90 0.00	35.49 1.61 -2.11	53.56 1.70 -20.00	36.83 1.59 0.00	35.98 1.27 0.00	35.13 1.39 0.00	37.05 1.22 -0.89	43.48 1.66 -0.32	45.32 1.52 0.89	49.15 1.47 -0.31	56.93 1.94 -0.19	79.76 2.66 -22.26	87.92 3.34 -27.76	79.33 3.55 -23.01	57.95 3.46 0.00	63.96 3.22 0.00	68.11 1.61 1.65	52.05 0.35 2.34	47.56 0.07 7.51	25.80 0.39 27.45	28.02 0.27 21.74
HOLTSVILLE_IC_5 23694	44.31 2.19 0.00	34.88 1.68 0.00	33.57 1.68 0.00	36.90 1.90 0.00	35.49 1.61 -2.11	53.56 1.70 -20.00	36.83 1.59 0.00	35.98 1.27 0.00	35.13 1.39 0.00	37.05 1.22 -0.89	43.48 1.66 -0.32	45.32 1.52 0.89	49.15 1.47 -0.31	56.93 1.94 -0.19	79.76 2.66 -22.26	87.92 3.34 -27.76	79.33 3.55 -23.01	57.95 3.46 0.00	63.96 3.22 0.00	68.11 1.61 1.65	52.05 0.35 2.34	47.56 0.07 7.51	25.80 0.39 27.45	28.02 0.27 21.74
HOLTSVILLE_IC_6 23695	44.60 2.49 0.00	35.09 1.90 0.00	33.76 1.87 0.00	37.11 2.10 0.00	35.66 1.79 -2.11	53.70 1.88 -19.95	37.04 1.80 0.00	36.20 1.49 0.00	35.36 1.63 0.00	37.32 1.48 -0.89	43.81 2.00 -0.33	45.68 1.90 0.91	49.41 1.85 -0.19	57.13 2.43 0.09	79.72 3.19 -21.70	88.48 3.91 -27.76	79.86 4.08 -23.01	58.52 4.04 0.00	64.57 3.83 0.00	68.75 2.24 1.63	52.52 0.79 2.31	48.08 0.51 7.44	26.54 0.78 27.10	28.56 0.61 21.53
HOLTSVILLE_IC_7 23696	44.60 2.49 0.00	35.09 1.90 0.00	33.76 1.87 0.00	37.11 2.10 0.00	35.66 1.79 -2.11	53.70 1.88 -19.95	37.04 1.80 0.00	36.20 1.49 0.00	35.36 1.63 0.00	37.32 1.48 -0.89	43.81 2.00 -0.33	45.68 1.90 0.91	49.41 1.85 -0.19	57.13 2.43 0.09	79.72 3.19 -21.70	88.48 3.91 -27.76	79.86 4.08 -23.01	58.52 4.04 0.00	64.57 3.83 0.00	68.75 2.24 1.63	52.52 0.79 2.31	48.08 0.51 7.44	26.54 0.78 27.10	28.56 0.61 21.53
HOLTSVILLE_IC_8 23697	44.60 2.49 0.00	35.09 1.90 0.00	33.76 1.87 0.00	37.11 2.10 0.00	35.66 1.79 -2.11	53.70 1.88 -19.95	37.04 1.80 0.00	36.20 1.49 0.00	35.36 1.63 0.00	37.32 1.48 -0.89	43.81 2.00 -0.33	45.68 1.90 0.91	49.41 1.85 -0.19	57.13 2.43 0.09	79.72 3.19 -21.70	88.48 3.91 -27.76	79.86 4.08 -23.01	58.52 4.04 0.00	64.57 3.83 0.00	68.75 2.24 1.63	52.52 0.79 2.31	48.08 0.51 7.44	26.54 0.78 27.10	28.56 0.61 21.53
HOLTSVILLE_IC_9 23698	44.60 2.49 0.00	35.09 1.90 0.00	33.76 1.87 0.00	37.11 2.10 0.00	35.66 1.79 -2.11	53.70 1.88 -19.95	37.04 1.80 0.00	36.20 1.49 0.00	35.36 1.63 0.00	37.32 1.48 -0.89	43.81 2.00 -0.33	45.68 1.90 0.91	49.41 1.85 -0.19	57.13 2.43 0.09	79.72 3.19 -21.70	88.48 3.91 -27.76	79.86 4.08 -23.01	58.52 4.04 0.00	64.57 3.83 0.00	68.75 2.24 1.63	52.52 0.79 2.31	48.08 0.51 7.44	26.54 0.78 27.10	28.56 0.61 21.53
HOMER_HL_115KV_TB2 355744	41.09 -1.03 0.00	31.89 -1.30 0.00	30.33 -1.55 0.00	33.46 -1.55 0.00	30.40 -1.36 0.00	30.58 -1.29 0.00	34.41 -0.83 0.00	33.71 -0.99 0.00	33.04 -0.69 0.00	35.20 0.25 0.00	42.37 0.88 0.00	45.89 1.20 0.00	48.65 1.28 0.00	56.51 1.72 0.00	56.02 1.18 0.00	58.63 1.81 0.00	54.69 1.92 0.00	56.96 2.47 0.00	63.97 3.22 0.00	70.59 2.44 0.00	55.21 1.18 0.00	55.75 0.75 0.00	54.45 1.59 0.00	51.01 1.53 0.00
HOWARD_WT_PWR 323690	41.35 -0.76 0.00	32.15 -1.05 0.00	30.84 -1.08 -0.03	34.17 -0.92 -0.09	30.96 -0.81 0.00	30.99 -0.88 0.00	34.46 -0.83 -0.04	33.76 -0.96 -0.01	32.76 -0.98 0.00	34.14 -0.81 0.00	40.95 -0.54 0.00	44.23 -0.46 0.00	47.52 0.07 -0.08	55.38 0.46 -0.13	55.22 0.38 0.00	58.04 1.23 0.00	55.33 2.53 -0.04	57.72 3.14 -0.09	66.30 4.21 -1.35	73.80 4.11 -1.54	57.08 2.25 -0.79	56.28 1.27 -0.01	54.32 1.42 -0.04	51.50 1.62 -0.39
HQ_GEN_CEDARS 23644	42.93 0.81 0.00	34.08 0.88 0.00	32.66 0.77 0.00	35.85 0.85 0.00	32.55 0.79 0.00	32.62 0.75 0.00	36.22 0.97 0.00	35.53 0.83 0.00	34.30 0.56 0.00	35.49 0.54 0.00	41.93 0.44 0.00	45.18 0.49 0.00	48.00 0.63 0.00	55.53 0.75 0.00	55.31 0.47 0.00	56.08 -0.73 0.00	51.88 -0.88 0.00	-559.71 -2.40 611.80	57.92 -2.83 0.00	66.27 -1.88 0.00	53.78 -0.25 0.00	55.64 0.64 0.00	53.43 0.57 0.00	50.21 0.73 0.00
HQ_GEN_CEDARS_PROXY 323590	32.77 0.81 10.16	34.07 0.88 0.00	32.66 0.77 0.00	35.85 0.85 0.00	32.55 0.79 0.00	32.62 0.75 0.00	36.22 0.97 0.00	34.66 0.83 0.87	33.14 0.56 1.15	28.78 0.53 6.71	41.15 0.44 0.78	42.51 0.49 2.68	48.00 0.63 0.00	54.01 0.75 1.53	55.30 0.47 0.00	56.08 -0.73 0.00	51.88 -0.88 0.00	-559.71 -2.40 611.80	56.36 -2.82 1.56	34.37 -1.88 31.89	53.78 -0.25 0.00	55.64 0.63 0.00	53.43 0.57 0.00	48.26 0.73 1.95

HQ_GEN_IMPORT 323601	28.55 0.30 13.86	33.53 0.34 0.00	32.19 0.30 0.00	35.34 0.34 0.00	32.08 0.32 0.00	32.18 0.31 0.00	35.63 0.39 0.00	35.07 0.36 0.00	34.04 0.31 0.00	35.23 0.28 0.00	41.77 0.28 0.00	45.46 0.30 -0.47	47.73 0.36 0.00	55.22 0.43 0.00	55.16 0.33 0.00	56.56 -0.25 0.00	52.30 -0.46 0.00	71.79 -0.98 -18.28	43.83 -1.24 15.67	67.52 -0.63 0.00	50.40 -0.18 3.45	55.32 0.32 0.00	53.13 0.27 0.00	48.38 0.32 1.42
HQ_GEN_WHEEL 23651	28.55 0.30 13.86	33.53 0.34 0.00	32.19 0.30 0.00	35.34 0.34 0.00	32.08 0.32 0.00	32.18 0.31 0.00	35.63 0.39 0.00	35.07 0.36 0.00	34.04 0.31 0.00	35.23 0.28 0.00	41.77 0.28 0.00	45.46 0.30 -0.47	47.73 0.36 0.00	55.22 0.43 0.00	55.16 0.33 0.00	56.56 -0.25 0.00	52.30 -0.46 0.00	71.79 -0.98 -18.28	43.83 -1.24 15.67	67.52 -0.63 0.00	50.40 -0.18 3.45	55.32 0.32 0.00	53.13 0.27 0.00	48.38 0.32 1.42
HUDSON AVE_GT_3 23810	44.08 1.97 0.00	34.67 1.47 0.00	33.15 1.26 0.00	36.27 1.26 0.00	32.87 1.11 0.00	32.99 1.12 0.00	36.56 1.32 0.00	36.21 1.51 0.00	35.53 1.79 0.00	37.73 1.88 -0.89	44.35 2.30 -0.56	47.67 2.22 -0.76	50.29 2.21 -0.71	58.24 2.32 -1.14	57.27 2.43 0.00	60.28 3.47 0.00	56.13 3.36 0.00	58.26 3.77 0.00	64.48 3.73 0.00	70.87 2.72 0.00	55.53 1.50 0.00	55.96 0.96 0.00	54.16 1.30 0.00	50.86 1.38 0.00
HUDSON AVE_GT_4 23540	44.08 1.97 0.00	34.67 1.47 0.00	33.15 1.26 0.00	36.27 1.26 0.00	32.87 1.11 0.00	32.99 1.12 0.00	36.56 1.32 0.00	36.21 1.51 0.00	35.53 1.79 0.00	37.73 1.88 -0.89	44.35 2.30 -0.56	47.67 2.22 -0.76	50.29 2.21 -0.71	58.24 2.32 -1.14	57.27 2.43 0.00	60.28 3.47 0.00	56.13 3.36 0.00	58.26 3.77 0.00	64.48 3.73 0.00	70.87 2.72 0.00	55.53 1.50 0.00	55.96 0.96 0.00	54.16 1.30 0.00	50.86 1.38 0.00
HUDSON AVE_GT_5 23657	44.08 1.97 0.00	34.67 1.47 0.00	33.15 1.26 0.00	36.27 1.26 0.00	32.87 1.11 0.00	32.99 1.12 0.00	36.56 1.32 0.00	36.21 1.51 0.00	35.53 1.79 0.00	37.73 1.88 -0.89	44.35 2.30 -0.56	47.67 2.22 -0.76	50.29 2.21 -0.71	58.24 2.32 -1.14	57.27 2.43 0.00	60.28 3.47 0.00	56.13 3.36 0.00	58.26 3.77 0.00	64.48 3.73 0.00	70.87 2.72 0.00	55.53 1.50 0.00	55.96 0.96 0.00	54.16 1.30 0.00	50.86 1.38 0.00
HUDSON_AVE_10 24168	43.98 1.87 0.00	34.60 1.40 0.00	33.07 1.19 0.00	36.18 1.17 0.00	32.79 1.02 0.00	32.90 1.04 0.00	36.46 1.22 0.00	36.13 1.43 0.00	35.43 1.70 0.00	37.62 1.78 -0.89	44.19 2.14 -0.56	47.48 2.04 -0.76	50.10 2.02 -0.71	57.99 2.06 -1.14	57.00 2.16 0.00	60.02 3.21 0.00	55.89 3.12 0.00	58.00 3.52 0.00	64.20 3.46 0.00	70.59 2.44 0.00	55.33 1.29 0.00	55.75 0.75 0.00	54.00 1.14 0.00	50.71 1.22 0.00
HUDSON___115KV_TB 4 355613	42.64 0.53 0.00	33.64 0.45 0.00	32.40 0.51 0.00	35.50 0.50 0.00	32.22 0.46 0.00	32.35 0.48 0.00	35.63 0.39 0.00	35.07 0.36 0.00	33.75 0.02 0.00	34.60 -0.35 0.29	40.55 -0.66 0.40	43.55 -0.74 0.38	46.17 -0.82 0.60	53.18 -1.01 0.00	53.95 -0.88 0.00	56.61 -0.20 0.00	52.86 0.10 0.00	55.20 0.72 0.00	62.04 1.30 0.00	69.28 1.14 0.00	54.94 0.91 0.00	55.34 0.34 0.00	53.16 0.29 0.00	49.58 0.10 0.00
HUNTER MOUNT___DRP 323613	42.69 0.58 0.00	33.67 0.48 0.00	32.43 0.54 0.00	35.54 0.53 0.00	32.26 0.49 0.00	32.39 0.52 0.00	35.67 0.43 0.00	35.13 0.43 0.00	33.84 0.10 0.00	34.66 -0.29 0.18	40.71 -0.59 0.25	43.77 -0.68 0.24	46.39 -0.74 0.37	53.56 -0.85 0.00	54.09 -0.75 0.00	56.85 0.04 0.00	53.12 0.36 0.00	55.50 1.01 0.00	62.44 1.70 0.00	69.76 1.61 0.00	55.33 1.30 0.00	55.71 0.71 0.00	53.44 0.58 0.00	49.78 0.30 0.00
HUNTINGTON_RES_REC 323705	44.08 1.96 0.00	34.74 1.55 0.00	33.45 1.56 0.00	36.77 1.77 0.00	35.37 1.50 -2.11	53.41 1.62 -19.92	36.70 1.46 0.00	35.83 1.12 0.00	34.96 1.23 0.00	36.90 1.06 -0.89	43.32 1.51 -0.33	44.90 1.39 1.18	47.96 1.40 0.81	54.18 1.86 2.47	73.14 2.59 -15.72	88.02 3.44 -27.76	79.42 3.64 -23.01	58.04 3.56 0.00	64.04 3.30 0.00	68.22 1.70 1.63	52.15 0.42 2.31	47.65 0.07 7.42	26.17 0.34 27.03	28.22 0.20 21.47
HUNTLEY___63 23557	41.66 -0.45 0.00	32.09 -1.11 0.00	30.37 -1.52 0.00	33.60 -1.41 0.00	30.54 -1.22 0.00	30.76 -1.10 0.00	34.56 -0.68 0.00	33.84 -0.87 0.00	33.19 -0.54 0.00	35.93 0.97 0.00	43.41 1.91 0.00	47.12 2.43 0.00	50.03 2.66 0.00	57.97 3.18 0.00	57.40 2.56 0.00	59.69 2.88 0.00	55.50 2.74 0.00	57.77 3.28 0.00	64.50 3.76 0.00	71.50 3.36 0.00	56.16 2.12 0.00	56.98 1.98 0.00	55.08 2.21 0.00	52.25 2.77 0.00
HUNTLEY___64 23558	41.66 -0.45 0.00	32.09 -1.11 0.00	30.37 -1.52 0.00	33.60 -1.41 0.00	30.54 -1.22 0.00	30.76 -1.10 0.00	34.56 -0.68 0.00	33.84 -0.87 0.00	33.19 -0.54 0.00	35.93 0.97 0.00	43.41 1.91 0.00	47.12 2.43 0.00	50.03 2.66 0.00	57.97 3.18 0.00	57.40 2.56 0.00	59.69 2.88 0.00	55.50 2.74 0.00	57.77 3.28 0.00	64.50 3.76 0.00	71.50 3.36 0.00	56.16 2.12 0.00	56.98 1.98 0.00	55.08 2.21 0.00	52.25 2.77 0.00
HUNTLEY___65 23559	41.66 -0.45 0.00	32.09 -1.11 0.00	30.37 -1.52 0.00	33.60 -1.41 0.00	30.54 -1.22 0.00	30.76 -1.10 0.00	34.56 -0.68 0.00	33.84 -0.87 0.00	33.19 -0.54 0.00	35.93 0.97 0.00	43.41 1.91 0.00	47.12 2.43 0.00	50.03 2.66 0.00	57.97 3.18 0.00	57.40 2.56 0.00	59.69 2.88 0.00	55.50 2.74 0.00	57.77 3.28 0.00	64.50 3.76 0.00	71.50 3.36 0.00	56.16 2.12 0.00	56.98 1.98 0.00	55.08 2.21 0.00	52.25 2.77 0.00
HUNTLEY___66 23560	41.66 -0.45 0.00	32.09 -1.11 0.00	30.37 -1.52 0.00	33.60 -1.41 0.00	30.54 -1.22 0.00	30.76 -1.10 0.00	34.56 -0.68 0.00	33.84 -0.87 0.00	33.19 -0.54 0.00	35.93 0.97 0.00	43.41 1.91 0.00	47.12 2.43 0.00	50.03 2.66 0.00	57.97 3.18 0.00	57.40 2.56 0.00	59.69 2.88 0.00	55.50 2.74 0.00	57.77 3.28 0.00	64.50 3.76 0.00	71.50 3.36 0.00	56.16 2.12 0.00	56.98 1.98 0.00	55.08 2.21 0.00	52.25 2.77 0.00
HUNTLEY___67 23561	41.40 -0.72 0.00	31.93 -1.27 0.00	30.25 -1.64 0.00	33.42 -1.58 0.00	30.36 -1.41 0.00	30.58 -1.29 0.00	34.33 -0.91 0.00	33.62 -1.08 0.00	32.98 -0.76 0.00	35.63 0.67 0.00	43.00 1.51 0.00	46.68 1.98 0.00	49.58 2.21 0.00	57.50 2.71 0.00	56.91 2.07 0.00	59.20 2.39 0.00	55.01 2.25 0.00	57.26 2.77 0.00	64.05 3.30 0.00	71.02 2.87 0.00	55.72 1.68 0.00	56.53 1.53 0.00	54.57 1.71 0.00	51.69 2.21 0.00
HUNTLEY___68 23562	41.40 -0.72 0.00	31.93 -1.27 0.00	30.25 -1.64 0.00	33.42 -1.58 0.00	30.36 -1.41 0.00	30.58 -1.29 0.00	34.33 -0.91 0.00	33.62 -1.08 0.00	32.98 -0.76 0.00	35.63 0.67 0.00	43.00 1.51 0.00	46.68 1.98 0.00	49.58 2.21 0.00	57.50 2.71 0.00	56.91 2.07 0.00	59.20 2.39 0.00	55.01 2.25 0.00	57.26 2.77 0.00	64.05 3.30 0.00	71.02 2.87 0.00	55.72 1.68 0.00	56.53 1.53 0.00	54.57 1.71 0.00	51.69 2.21 0.00



HYLAND___LFGE 323620	42.81 0.69 0.00	33.16 -0.03 0.00	31.61 -0.29 -0.02	34.93 -0.13 -0.06	31.70 -0.07 0.00	31.85 -0.02 0.00	35.61 0.34 -0.03	34.81 0.09 -0.01	33.27 -0.46 0.00	34.58 -0.37 0.00	41.43 -0.06 0.00	44.88 0.19 0.00	47.98 0.56 -0.05	55.81 0.94 -0.08	55.63 0.80 0.00	58.37 1.55 0.00	54.93 2.17 0.00	57.17 2.68 0.00	64.79 4.05 0.00	73.68 5.53 0.00	58.43 4.39 0.00	58.94 3.94 0.00	56.42 3.55 0.00	53.92 4.44 0.00
INDECK___CORINTH 23802	43.05 0.93 0.00	33.99 0.80 0.00	32.78 0.89 0.00	36.05 1.04 0.00	32.59 0.82 0.00	32.74 0.88 0.00	36.05 0.81 0.00	35.57 0.86 0.00	34.38 0.65 0.00	35.28 0.33 0.00	40.85 -0.16 0.48	43.93 -0.12 0.64	46.55 -0.20 0.61	53.36 -0.45 0.97	54.76 -0.08 0.00	57.63 0.81 0.00	54.09 1.32 0.00	56.65 2.16 0.00	64.08 3.33 0.00	71.38 3.23 0.00	56.60 2.57 0.00	56.95 1.94 0.00	54.46 1.60 0.00	50.65 1.17 0.00
INDECK___ILION 23567	42.44 0.33 0.00	33.45 0.25 0.00	32.21 0.32 0.00	35.35 0.34 0.00	32.07 0.31 0.00	32.20 0.33 0.00	35.52 0.28 0.00	34.87 0.17 0.00	33.68 -0.05 0.00	34.70 -0.25 0.00	41.07 -0.42 0.00	44.31 -0.38 0.00	46.97 -0.40 0.00	54.22 -0.57 0.00	54.41 -0.43 0.00	56.90 0.08 0.00	53.03 0.26 0.00	47.20 0.83 8.12	62.23 1.48 0.00	69.62 1.47 0.00	55.02 0.98 0.00	55.59 0.59 0.00	53.36 0.50 0.00	49.72 0.24 0.00
INDECK___OLEAN 23982	41.09 -1.03 0.00	31.89 -1.30 0.00	30.33 -1.55 0.00	33.45 -1.55 0.00	30.40 -1.36 0.00	30.57 -1.29 0.00	34.41 -0.83 0.00	33.71 -0.99 0.00	33.04 -0.69 0.00	35.20 0.25 0.00	42.37 0.88 0.00	45.90 1.20 0.00	48.65 1.28 0.00	56.51 1.72 0.00	56.01 1.18 0.00	58.62 1.81 0.00	54.69 1.92 0.00	56.95 2.47 0.00	63.94 3.20 0.00	70.58 2.43 0.00	49.33 1.18 5.88	55.75 0.75 0.00	54.46 1.60 0.00	51.00 1.52 0.00
INDECK___OSWEGO 23783	41.11 -1.01 0.00	32.38 -0.82 0.00	31.29 -0.84 -0.23	34.82 -0.92 -0.74	30.94 -0.83 0.00	31.07 -0.80 0.00	34.71 -0.85 -0.33	33.90 -0.88 -0.07	32.87 -0.86 0.00	34.15 -0.79 0.00	40.60 -0.89 0.00	43.54 -1.15 0.00	46.66 -1.33 -0.63	54.33 -1.53 -1.07	53.33 -1.50 0.00	55.53 -1.28 0.00	52.06 -1.05 -0.34	36.51 -0.80 17.17	73.09 -0.68 -13.01	82.00 -0.98 -14.83	53.10 -0.94 0.00	53.94 -1.15 -0.09	52.12 -1.12 -0.38	52.39 -0.83 -3.74
INDECK___YERKES 23781	41.71 -0.41 0.00	32.13 -1.07 0.00	30.40 -1.48 0.00	33.63 -1.37 0.00	30.58 -1.19 0.00	30.80 -1.07 0.00	34.60 -0.64 0.00	33.88 -0.82 0.00	33.23 -0.50 0.00	35.97 1.02 0.00	43.46 1.97 0.00	47.18 2.49 0.00	50.06 2.69 0.00	57.98 3.19 0.00	57.41 2.58 0.00	59.70 2.89 0.00	55.52 2.76 0.00	57.79 3.30 0.00	64.51 3.77 0.00	71.49 3.34 0.00	52.19 2.13 3.97	56.99 1.99 0.00	55.12 2.26 0.00	52.32 2.83 0.00
INDIAN POINT_GT_1 24139	43.59 1.48 0.00	34.27 1.08 0.00	32.82 0.93 0.00	35.95 0.94 0.00	32.58 0.81 0.00	32.66 0.79 0.00	36.17 0.93 0.00	35.78 1.08 0.00	35.01 1.28 0.00	37.32 1.32 -1.05	43.68 1.65 -0.55	47.08 1.65 -0.74	49.74 1.67 -0.70	57.67 1.77 -1.12	56.72 1.89 0.00	59.66 2.85 0.00	55.61 2.84 0.00	57.77 3.28 0.00	64.08 3.34 0.00	70.62 2.47 0.00	55.37 1.33 0.00	55.74 0.74 0.00	53.85 0.99 0.00	50.43 0.94 0.00
INDIAN POINT_GT_2 23659	43.59 1.48 0.00	34.27 1.08 0.00	32.82 0.93 0.00	35.95 0.94 0.00	32.58 0.81 0.00	32.66 0.79 0.00	36.17 0.93 0.00	35.78 1.08 0.00	35.01 1.28 0.00	37.32 1.32 -1.05	43.68 1.65 -0.55	47.08 1.65 -0.74	49.74 1.67 -0.70	57.67 1.77 -1.12	56.72 1.89 0.00	59.66 2.85 0.00	55.61 2.84 0.00	57.77 3.28 0.00	64.08 3.34 0.00	70.62 2.47 0.00	55.37 1.33 0.00	55.74 0.74 0.00	53.85 0.99 0.00	50.43 0.94 0.00
INDIAN POINT_GT_3 24019	43.59 1.48 0.00	34.27 1.08 0.00	32.82 0.93 0.00	35.95 0.94 0.00	32.58 0.81 0.00	32.66 0.79 0.00	36.17 0.93 0.00	35.78 1.08 0.00	35.01 1.28 0.00	37.32 1.32 -1.05	43.68 1.65 -0.55	47.08 1.65 -0.74	49.74 1.67 -0.70	57.67 1.77 -1.12	56.72 1.89 0.00	59.66 2.85 0.00	55.61 2.84 0.00	57.77 3.28 0.00	64.08 3.34 0.00	70.62 2.47 0.00	55.37 1.33 0.00	55.74 0.74 0.00	53.85 0.99 0.00	50.43 0.94 0.00
INDIAN POINT___2 23530	43.53 1.42 0.00	34.22 1.03 0.00	32.77 0.88 0.00	35.89 0.89 0.00	32.54 0.77 0.00	32.61 0.74 0.00	36.12 0.88 0.00	35.73 1.03 0.00	34.98 1.25 0.00	37.67 1.27 -1.44	43.64 1.62 -0.53	47.05 1.64 -0.72	49.70 1.66 -0.68	57.63 1.76 -1.08	56.70 1.86 0.00	59.63 2.82 0.00	55.56 2.80 0.00	57.72 3.23 0.00	64.05 3.31 0.00	70.59 2.44 0.00	55.34 1.31 0.00	55.69 0.69 0.00	53.80 0.93 0.00	50.38 0.89 0.00
INDIAN POINT___3 23531	43.53 1.41 0.00	34.22 1.02 0.00	32.77 0.88 0.00	35.91 0.90 0.00	32.54 0.78 0.00	32.62 0.75 0.00	36.11 0.87 0.00	35.72 1.02 0.00	34.96 1.22 0.00	37.29 1.26 -1.09	43.61 1.57 -0.55	47.02 1.59 -0.74	49.67 1.60 -0.70	57.60 1.69 -1.12	56.64 1.80 0.00	59.58 2.76 0.00	55.51 2.75 0.00	57.66 3.18 0.00	63.99 3.25 0.00	70.51 2.36 0.00	55.29 1.25 0.00	55.66 0.66 0.00	53.77 0.90 0.00	50.34 0.86 0.00
INGHAM_C_115KV_TB7 356103	42.77 0.65 0.00	33.71 0.51 0.00	32.55 0.66 0.00	35.71 0.71 0.00	32.40 0.63 0.00	32.56 0.69 0.00	35.83 0.58 0.00	35.03 0.33 0.00	33.51 -0.23 0.00	34.22 -0.73 0.00	40.30 -1.19 0.00	43.62 -1.07 0.00	46.22 -1.15 0.00	53.22 -1.57 0.00	53.57 -1.26 0.00	56.51 -0.30 0.00	52.80 0.04 0.00	47.53 1.16 8.12	63.33 2.58 0.00	70.84 2.69 0.00	55.91 1.87 0.00	56.12 1.12 0.00	53.80 0.93 0.00	49.88 0.40 0.00
IP CORINTH___1 23988	43.28 1.17 0.00	34.18 0.98 0.00	32.94 1.05 0.00	36.22 1.22 0.00	32.75 0.98 0.00	32.91 1.05 0.00	36.26 1.02 0.00	35.76 1.06 0.00	34.58 0.85 0.00	35.49 0.54 0.00	41.10 0.09 0.48	44.20 0.16 0.64	46.83 0.08 0.61	53.69 -0.12 0.97	55.08 0.24 0.00	57.96 1.15 0.00	54.39 1.63 0.00	56.97 2.48 0.00	64.45 3.70 0.00	71.78 3.63 0.00	56.93 2.89 0.00	57.26 2.26 0.00	54.78 1.91 0.00	50.95 1.46 0.00
IP___TICONDEROGA 23804	44.23 2.11 0.00	35.27 2.07 0.00	34.00 2.11 0.00	37.42 2.42 0.00	33.68 1.91 0.00	33.94 2.08 0.00	37.46 2.22 0.00	36.91 2.21 0.00	35.45 1.72 0.00	36.11 1.16 0.00	41.85 0.85 0.49	45.14 1.11 0.66	47.86 1.12 0.63	55.04 1.25 1.00	56.89 2.05 0.00	60.47 3.66 0.00	56.95 4.19 0.00	59.84 5.36 0.00	67.50 6.75 0.00	75.46 7.31 0.00	60.21 6.17 0.00	60.59 5.59 0.00	58.00 5.13 0.00	53.41 3.93 0.00
ISLIP_RES_REC 323679	44.90 2.78 0.00	35.29 2.09 0.00	33.94 2.05 0.00	37.31 2.30 0.00	35.84 1.97 -2.11	53.85 2.06 -19.92	37.26 2.01 0.00	36.41 1.71 0.00	35.59 1.86 0.00	37.58 1.74 -0.89	44.16 2.35 -0.33	46.08 2.28 0.89	49.86 2.29 -0.20	57.69 2.96 0.06	80.44 3.73 -21.87	89.05 4.48 -27.76	80.40 4.63 -23.01	59.07 4.58 0.00	65.14 4.40 0.00	69.37 2.84 1.62	53.01 1.26 2.29	48.57 0.96 7.39	27.16 1.17 26.87	29.03 0.94 21.39

JAMAICA__27_KV_LOAD 355505	44.39 2.27 0.00	34.92 1.73 0.00	33.34 1.45 0.00	36.46 1.46 0.00	33.05 1.28 0.00	33.17 1.30 0.00	36.77 1.53 0.00	36.45 1.74 0.00	35.70 1.97 0.00	37.90 2.06 -0.89	44.43 2.38 -0.56	47.73 2.28 -0.76	50.39 2.31 -0.71	58.29 2.36 -1.14	57.26 2.42 0.00	60.32 3.51 0.00	56.21 3.45 0.00	58.34 3.86 0.00	64.58 3.84 0.00	71.00 2.85 0.00	55.72 1.68 0.00	56.16 1.15 0.00	54.51 1.64 0.00	51.15 1.67 0.00
JANIS__SOLAR 323808	43.53 1.41 0.00	34.18 0.99 0.00	32.83 0.89 -0.05	36.22 1.07 -0.15	32.75 0.99 0.00	32.91 1.04 0.00	36.60 1.29 -0.07	35.76 1.04 -0.02	34.46 0.73 0.00	35.66 0.71 0.00	42.45 0.95 0.00	45.69 1.00 0.00	48.73 1.23 -0.13	56.57 1.56 -0.22	56.37 1.54 0.00	58.91 2.09 0.00	55.32 2.49 -0.07	58.07 3.40 -0.18	68.16 4.79 -2.63	76.65 5.51 -3.00	59.31 4.01 -1.27	58.52 3.50 -0.02	56.10 3.16 -0.08	52.96 2.72 -0.75
JARVIS____ 23743	42.12 0.00 0.00	33.18 -0.02 0.00	31.89 0.00 0.00	35.00 0.00 0.00	31.76 0.00 0.00	31.87 0.00 0.00	35.21 -0.03 0.00	34.68 -0.03 0.00	33.70 -0.04 0.00	34.88 -0.07 0.00	41.41 -0.08 0.00	44.59 -0.10 0.00	47.25 -0.12 0.00	54.63 -0.16 0.00	54.74 -0.10 0.00	56.89 0.07 0.00	52.93 0.16 0.00	46.71 0.33 8.12	61.19 0.44 0.00	68.44 0.29 0.00	54.19 0.15 0.00	55.00 0.00 0.00	52.86 0.00 0.00	49.43 -0.05 0.00
JENNISON____1 23625	43.12 1.01 0.00	34.15 0.96 0.00	32.92 1.00 -0.04	36.33 1.22 -0.11	32.89 1.12 0.00	32.99 1.12 0.00	36.51 1.22 -0.05	35.64 0.93 -0.01	34.78 1.05 0.00	36.24 1.29 0.00	43.26 1.77 0.00	46.59 1.90 0.00	49.60 2.14 -0.09	57.55 2.60 -0.16	57.46 2.62 0.00	60.10 3.29 0.00	56.30 3.49 -0.05	58.88 4.26 -0.13	68.00 5.37 -1.89	75.82 5.52 -2.15	57.87 3.83 0.00	58.21 3.20 -0.01	55.82 2.90 -0.05	52.61 2.58 -0.54
JENNISON____2 23626	43.12 1.01 0.00	34.15 0.96 0.00	32.92 1.00 -0.04	36.33 1.22 -0.11	32.89 1.12 0.00	32.99 1.12 0.00	36.51 1.22 -0.05	35.64 0.93 -0.01	34.78 1.05 0.00	36.24 1.29 0.00	43.26 1.77 0.00	46.59 1.90 0.00	49.60 2.14 -0.09	57.55 2.60 -0.16	57.46 2.62 0.00	60.10 3.29 0.00	56.30 3.49 -0.05	58.88 4.26 -0.13	68.00 5.37 -1.89	75.82 5.52 -2.15	57.87 3.83 0.00	58.21 3.20 -0.01	55.82 2.90 -0.05	52.61 2.58 -0.54
JERICOHO_RISE_WT_PWR 323719	42.48 0.37 0.00	33.82 0.62 0.00	32.38 0.50 0.00	35.61 0.61 0.00	32.33 0.56 0.00	32.40 0.53 0.00	35.95 0.70 0.00	35.30 0.60 0.00	34.14 0.41 0.00	35.23 0.28 0.00	41.72 0.23 0.00	44.87 0.18 0.00	47.67 0.30 0.00	55.19 0.40 0.00	55.08 0.25 0.00	56.25 -0.56 0.00	52.09 -0.68 0.00	22.04 -1.49 30.96	58.72 -2.02 0.00	66.91 -1.24 0.00	53.76 -0.28 0.00	55.25 0.25 0.00	52.83 -0.03 0.00	49.57 0.09 0.00
KATONAH__115KV_46KV_TB4 355592	43.85 1.74 0.00	34.47 1.28 0.00	33.02 1.13 0.00	36.16 1.16 0.00	32.76 1.00 0.00	32.85 0.99 0.00	36.36 1.12 0.00	35.98 1.27 0.00	35.21 1.47 0.00	37.07 1.53 -0.59	43.96 1.91 -0.56	47.39 1.94 -0.76	50.07 1.99 -0.72	58.12 2.19 -1.14	57.22 2.39 0.00	60.22 3.41 0.00	56.12 3.36 0.00	58.28 3.79 0.00	64.64 3.89 0.00	71.19 3.04 0.00	55.82 1.79 0.00	56.19 1.19 0.00	54.24 1.38 0.00	50.73 1.25 0.00
KCE_NY_1 323755	43.50 1.39 0.00	34.29 1.10 0.00	33.04 1.15 0.00	36.28 1.28 0.00	32.84 1.08 0.00	32.99 1.12 0.00	36.41 1.17 0.00	35.84 1.14 0.00	34.71 0.98 0.00	35.74 0.79 0.00	41.70 0.71 0.51	44.84 0.83 0.68	47.34 0.62 0.65	54.29 0.53 1.03	55.64 0.80 0.00	58.39 1.57 0.00	54.70 1.93 0.00	57.21 2.73 0.00	64.22 3.47 0.00	71.52 3.38 0.00	56.51 2.47 0.00	57.03 2.03 0.00	54.78 1.92 0.00	51.07 1.58 0.00
KCE_NY_6_ESR 323823	41.83 -0.29 0.00	32.25 -0.95 0.00	30.55 -1.34 0.00	33.74 -1.26 0.00	30.63 -1.13 0.00	30.85 -1.02 0.00	34.63 -0.61 0.00	33.95 -0.75 0.00	33.32 -0.41 0.00	35.97 1.02 0.00	43.45 1.96 0.00	47.20 2.51 0.00	50.20 2.84 0.00	58.27 3.48 0.00	57.72 2.88 0.00	60.08 3.27 0.00	55.81 3.04 0.00	58.12 3.63 0.00	65.01 4.27 0.00	72.06 3.91 0.00	52.04 2.43 4.43	57.20 2.20 0.00	55.15 2.29 0.00	52.13 2.64 0.00
KEDC_PORT_JEFF_GT2 24210	44.41 2.29 0.00	34.96 1.77 0.00	33.64 1.75 0.00	36.97 1.97 0.00	35.54 1.67 -2.11	53.59 1.76 -19.97	36.90 1.66 0.00	36.06 1.35 0.00	35.21 1.48 0.00	37.17 1.33 -0.89	43.63 1.81 -0.32	45.43 1.66 0.93	48.81 1.31 -0.13	56.28 1.73 0.23	78.61 2.48 -21.28	87.80 3.22 -27.76	79.23 3.45 -23.01	57.84 3.35 0.00	63.79 3.05 0.00	67.87 1.36 1.64	51.87 0.15 2.32	47.67 0.13 7.46	26.08 0.45 27.23	28.26 0.39 21.61
KEDC_PORT_JEFF_GT3 24211	44.41 2.29 0.00	34.96 1.77 0.00	33.64 1.75 0.00	36.97 1.97 0.00	35.54 1.67 -2.11	53.59 1.76 -19.97	36.90 1.66 0.00	36.06 1.35 0.00	35.21 1.48 0.00	37.17 1.33 -0.89	43.63 1.81 -0.32	45.43 1.66 0.93	48.81 1.31 -0.13	56.28 1.73 0.23	78.61 2.48 -21.28	87.80 3.22 -27.76	79.23 3.45 -23.01	57.84 3.35 0.00	63.79 3.05 0.00	67.87 1.36 1.64	51.87 0.15 2.32	47.67 0.13 7.46	26.08 0.45 27.23	28.26 0.39 21.61
KEDC_GLWD_GT4 24219	44.22 2.11 0.00	34.76 1.57 0.00	33.32 1.43 0.00	36.50 1.50 0.00	34.61 1.30 -1.54	47.82 1.38 -14.57	36.67 1.43 0.00	36.03 1.33 0.00	35.29 1.55 0.00	37.41 1.57 -0.89	44.11 2.11 -0.51	47.27 2.12 -0.46	50.16 2.08 -0.71	58.32 2.39 -1.14	81.81 2.72 -24.25	88.26 3.68 -27.76	79.43 3.64 -23.01	58.36 3.88 0.00	64.59 3.84 0.00	70.56 2.74 0.32	54.96 1.40 0.48	53.95 0.95 2.00	50.21 1.50 4.16	45.04 1.33 5.77
KEDC_GLWD_GT5 24220	44.22 2.11 0.00	34.76 1.57 0.00	33.32 1.43 0.00	36.50 1.50 0.00	34.61 1.30 -1.54	47.82 1.38 -14.57	36.67 1.43 0.00	36.03 1.33 0.00	35.29 1.55 0.00	37.41 1.57 -0.89	44.11 2.11 -0.51	47.27 2.12 -0.46	50.16 2.08 -0.71	58.32 2.39 -1.14	81.81 2.72 -24.25	88.26 3.68 -27.76	79.43 3.64 -23.01	58.36 3.88 0.00	64.59 3.84 0.00	70.56 2.74 0.32	54.96 1.40 0.48	53.95 0.95 2.00	50.21 1.50 4.16	45.04 1.33 5.77
KENSICO____ 23655	43.73 1.61 0.00	34.39 1.20 0.00	32.94 1.05 0.00	36.08 1.07 0.00	32.70 0.93 0.00	32.77 0.90 0.00	36.29 1.04 0.00	35.90 1.19 0.00	35.15 1.41 0.00	37.36 1.46 -0.96	43.86 1.81 -0.55	47.23 1.79 -0.75	49.88 1.80 -0.71	57.83 1.90 -1.14	56.85 2.02 0.00	59.81 3.00 0.00	55.74 2.98 0.00	57.90 3.41 0.00	64.20 3.46 0.00	70.70 2.55 0.00	55.44 1.40 0.00	55.82 0.82 0.00	53.95 1.09 0.00	50.55 1.06 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	44.18 2.07 0.00	34.66 1.46 0.00	33.16 1.27 0.00	36.33 1.33 0.00	32.91 1.14 0.00	32.97 1.10 0.00	36.50 1.25 0.00	36.10 1.40 0.00	35.31 1.57 0.00	36.37 1.62 0.20	43.82 1.99 -0.34	47.19 2.04 -0.46	49.94 2.14 -0.43	57.94 2.47 -0.69	57.45 2.61 0.00	60.10 3.28 0.00	56.27 3.51 0.00	58.74 4.26 0.00	65.45 4.71 0.00	72.24 4.09 0.00	56.67 2.63 0.00	57.29 2.29 0.00	55.15 2.29 0.00	51.44 1.96 0.00

KIAC_JFK_GT1 23816	43.96 1.85 0.00	34.62 1.42 0.00	33.05 1.16 0.00	36.14 1.14 0.00	32.76 1.00 0.00	32.89 1.02 0.00	36.45 1.21 0.00	36.12 1.42 0.00	35.37 1.64 0.00	37.55 1.71 -0.89	44.01 1.97 -0.56	47.27 1.82 -0.76	49.90 1.82 -0.71	57.71 1.78 -1.14	56.68 1.85 0.00	59.71 2.90 0.00	55.63 2.87 0.00	57.74 3.25 0.00	63.89 3.15 0.00	70.25 2.10 0.00	55.13 1.09 0.00	55.55 0.55 0.00	53.94 1.07 0.00	50.62 1.14 0.00
KIAC_JFK_GT2 23817	43.96 1.85 0.00	34.62 1.42 0.00	33.05 1.16 0.00	36.14 1.14 0.00	32.76 1.00 0.00	32.89 1.02 0.00	36.45 1.21 0.00	36.12 1.42 0.00	35.37 1.64 0.00	37.55 1.71 -0.89	44.01 1.97 -0.56	47.27 1.82 -0.76	49.90 1.82 -0.71	57.71 1.78 -1.14	56.68 1.85 0.00	59.71 2.90 0.00	55.63 2.87 0.00	57.74 3.25 0.00	63.89 3.15 0.00	70.25 2.10 0.00	55.13 1.09 0.00	55.55 0.55 0.00	53.94 1.07 0.00	50.62 1.14 0.00
KIAC_JFK____ 323774	43.96 1.84 0.00	34.62 1.42 0.00	33.05 1.16 0.00	36.14 1.14 0.00	32.76 1.00 0.00	32.88 1.02 0.00	36.45 1.21 0.00	36.12 1.42 0.00	35.37 1.64 0.00	37.55 1.71 -0.89	44.01 1.97 -0.56	47.27 1.82 -0.76	49.90 1.82 -0.71	57.72 1.79 -1.14	56.68 1.85 0.00	59.70 2.89 0.00	55.63 2.86 0.00	57.74 3.25 0.00	63.89 3.14 0.00	70.25 2.10 0.00	55.12 1.09 0.00	55.55 0.56 0.00	53.93 1.06 0.00	50.64 1.15 0.00
KINTIGH__24_KV_GSU 356498	41.47 -0.65 0.00	32.10 -1.10 0.00	30.47 -1.41 0.00	33.63 -1.37 0.00	30.55 -1.22 0.00	30.76 -1.11 0.00	34.46 -0.78 0.00	33.77 -0.93 0.00	33.06 -0.67 0.00	35.51 0.56 0.00	42.72 1.22 0.00	46.30 1.61 0.00	49.17 1.80 0.00	57.01 2.23 0.00	56.50 1.67 0.00	58.83 2.02 0.00	54.73 1.97 0.00	56.93 2.45 0.00	63.66 2.92 0.00	70.68 2.53 0.00	52.33 1.48 3.19	56.33 1.33 0.00	54.30 1.44 0.00	51.33 1.85 0.00
KINTIGH____ 23543	41.43 -0.68 0.00	32.08 -1.12 0.00	30.45 -1.44 0.00	33.60 -1.40 0.00	30.52 -1.24 0.00	30.73 -1.14 0.00	34.43 -0.81 0.00	33.74 -0.96 0.00	33.03 -0.70 0.00	35.48 0.53 0.00	42.69 1.19 0.00	46.26 1.57 0.00	49.13 1.76 0.00	56.96 2.18 0.00	56.47 1.64 0.00	58.78 1.97 0.00	54.68 1.91 0.00	56.89 2.40 0.00	63.61 2.87 0.00	70.63 2.49 0.00	55.47 1.44 0.00	56.29 1.29 0.00	54.25 1.39 0.00	51.29 1.81 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	42.77 0.66 0.00	34.20 1.00 0.00	32.69 0.80 0.00	35.98 0.97 0.00	32.65 0.88 0.00	32.75 0.89 0.00	36.32 1.08 0.00	35.58 0.87 0.00	34.31 0.58 0.00	35.37 0.42 0.00	41.94 0.45 0.00	45.07 0.37 0.00	47.86 0.50 0.00	55.40 0.61 0.00	55.43 0.59 0.00	56.68 -0.13 0.00	52.52 -0.25 0.00	53.50 -0.98 0.00	59.42 -1.33 0.00	67.70 -0.45 0.00	54.48 0.45 0.00	55.79 0.79 0.00	53.31 0.45 0.00	50.00 0.51 0.00
LACHUTE____HYDRO 323717	44.23 2.11 0.00	35.27 2.07 0.00	34.00 2.11 0.00	37.42 2.42 0.00	33.68 1.91 0.00	33.94 2.08 0.00	37.46 2.22 0.00	36.92 2.21 0.00	35.45 1.72 0.00	36.11 1.16 0.00	41.85 0.85 0.49	45.14 1.11 0.66	47.86 1.11 0.63	55.04 1.24 1.00	56.89 2.05 0.00	60.47 3.66 0.00	56.95 4.19 0.00	59.84 5.36 0.00	67.49 6.75 0.00	75.46 7.31 0.00	60.20 6.17 0.00	60.59 5.59 0.00	58.00 5.13 0.00	53.41 3.93 0.00
LAWRNCV_115KV_TB1 80681	43.04 0.92 0.00	34.24 1.05 0.00	32.79 0.90 0.00	36.00 0.99 0.00	32.69 0.92 0.00	32.77 0.90 0.00	36.38 1.14 0.00	35.56 0.86 0.00	34.09 0.35 0.00	35.19 0.24 0.00	41.48 -0.01 0.00	44.68 -0.01 0.00	47.45 0.08 0.00	54.75 -0.04 0.00	54.52 -0.32 0.00	55.26 -1.55 0.00	51.17 -1.59 0.00	-425.24 -3.00 476.72	57.38 -3.37 0.00	65.92 -2.23 0.00	53.75 -0.29 0.00	55.71 0.72 0.00	53.63 0.77 0.00	50.38 0.89 0.00
LEDERLE____ 23769	43.79 1.67 0.00	34.39 1.20 0.00	32.92 1.03 0.00	36.07 1.06 0.00	32.70 0.93 0.00	32.76 0.89 0.00	36.30 1.06 0.00	35.93 1.22 0.00	35.18 1.45 0.00	34.97 1.53 1.50	43.97 1.96 -0.52	47.46 2.07 -0.70	50.20 2.17 -0.66	58.24 2.39 -1.06	57.34 2.50 0.00	60.32 3.51 0.00	56.23 3.46 0.00	58.40 3.91 0.00	64.80 4.05 0.00	71.41 3.26 0.00	55.91 1.87 0.00	56.23 1.23 0.00	54.26 1.39 0.00	50.74 1.26 0.00
LIGHTHSE_115KV_TB6 355974	42.47 0.36 0.00	33.36 0.16 0.00	32.06 0.05 -0.12	35.43 0.05 -0.37	31.82 0.06 0.00	31.98 0.11 0.00	35.60 0.19 -0.16	34.83 0.08 -0.04	33.62 -0.11 0.00	34.87 -0.08 0.00	41.44 -0.05 0.00	44.51 -0.19 0.00	47.51 -0.17 -0.31	55.16 -0.16 -0.54	54.67 -0.16 0.00	56.84 0.02 0.00	53.14 0.21 -0.17	13.09 0.52 41.92	68.38 1.09 -6.54	77.04 1.44 -7.45	55.20 1.17 0.00	56.21 1.16 -0.04	54.05 1.00 -0.19	52.19 0.83 -1.88
LINDEN COGEN____ 23786	43.73 1.61 0.00	34.40 1.21 0.00	32.88 0.99 0.00	35.97 0.96 0.00	32.60 0.83 0.00	32.70 0.84 0.00	36.27 1.03 0.00	35.93 1.23 0.00	35.30 1.56 0.00	37.47 1.63 -0.89	44.04 1.99 -0.56	47.36 1.91 -0.76	49.95 1.87 -0.71	57.81 1.89 -1.14	56.78 1.94 0.00	59.77 2.96 0.00	55.62 2.86 0.00	57.74 3.25 0.00	63.92 3.17 0.00	70.26 2.11 0.00	55.05 1.01 0.00	55.41 0.41 0.00	53.65 0.79 0.00	50.42 0.94 0.00
LINDHRST_69_KV_BK1 356055	44.70 2.58 0.00	35.14 1.94 0.00	33.79 1.90 0.00	37.09 2.08 0.00	35.59 1.80 -2.03	53.06 1.95 -19.25	37.11 1.86 0.00	36.33 1.63 0.00	35.53 1.80 0.00	37.47 1.63 -0.89	44.10 2.23 -0.37	46.44 2.26 0.51	50.23 2.35 -0.51	58.38 2.92 -0.67	81.85 3.55 -23.46	88.88 4.31 -27.76	80.23 4.45 -23.01	58.95 4.46 0.00	65.12 4.38 0.00	69.91 3.06 1.30	53.70 1.52 1.85	49.96 1.18 6.22	33.16 1.44 21.15	32.63 1.15 18.00
LIPA_MISC_IPP 23656	44.54 2.43 0.00	34.99 1.80 0.00	33.66 1.77 0.00	37.00 2.00 0.00	35.56 1.69 -2.11	53.61 1.75 -19.99	36.90 1.66 0.00	36.05 1.35 0.00	35.21 1.48 0.00	37.13 1.30 -0.89	43.60 1.78 -0.32	45.42 1.62 0.89	49.19 1.53 -0.29	57.03 2.10 -0.15	79.90 2.90 -22.16	88.15 3.58 -27.76	79.54 3.76 -23.01	58.19 3.70 0.00	64.21 3.47 0.00	68.36 1.86 1.65	52.23 0.52 2.34	47.72 0.21 7.50	26.01 0.54 27.40	28.11 0.34 21.71
LISF____SOLAR 323691	44.67 2.56 0.00	35.08 1.89 0.00	33.75 1.86 0.00	37.10 2.10 0.00	35.65 1.78 -2.11	53.70 1.84 -19.98	37.01 1.77 0.00	36.15 1.45 0.00	35.30 1.57 0.00	37.23 1.39 -0.89	43.66 1.85 -0.32	45.47 1.67 0.89	49.27 1.63 -0.27	57.11 2.23 -0.10	79.95 3.05 -22.06	88.30 3.73 -27.76	79.70 3.92 -23.01	58.36 3.88 0.00	64.42 3.68 0.00	68.59 2.08 1.65	52.38 0.67 2.33	47.91 0.39 7.48	26.19 0.66 27.33	28.29 0.47 21.67
LITTLE FALLS____HYD 24013	42.77 0.65 0.00	33.71 0.51 0.00	32.55 0.66 0.00	35.71 0.71 0.00	32.40 0.63 0.00	32.56 0.69 0.00	35.83 0.58 0.00	35.03 0.33 0.00	33.51 -0.23 0.00	34.22 -0.73 0.00	40.30 -1.19 0.00	43.62 -1.07 0.00	46.22 -1.15 0.00	53.22 -1.57 0.00	53.57 -1.26 0.00	56.51 -0.30 0.00	52.80 0.04 0.00	47.53 1.16 8.12	63.33 2.58 0.00	70.84 2.69 0.00	55.91 1.87 0.00	56.12 1.12 0.00	53.80 0.93 0.00	49.88 0.40 0.00

LITTLRIV_115KV_TB1 356100	43.85 1.73 0.00	34.85 1.66 0.00	33.36 1.47 0.00	36.63 1.63 0.00	33.26 1.50 0.00	33.35 1.48 0.00	37.07 1.81 -0.02	36.12 1.41 0.00	34.37 0.64 0.00	35.37 0.42 0.00	41.69 0.20 0.00	44.90 0.20 0.00	47.68 0.32 0.00	55.03 0.24 0.00	54.77 -0.07 0.00	55.45 -1.37 0.00	51.38 -1.41 -0.02	-402.85 -2.82 454.52	58.59 -2.98 -0.83	67.96 -1.13 -0.94	54.85 0.82 0.00	56.88 1.87 -0.01	54.72 1.84 -0.02	51.55 1.83 -0.24
LI_NEWBRDGE___DRP 323616	43.87 1.75 0.00	34.51 1.31 0.00	33.17 1.28 0.00	36.40 1.40 0.00	35.11 1.19 -2.16	53.66 1.37 -20.43	36.46 1.22 0.00	35.72 1.02 0.00	34.91 1.18 0.00	36.90 1.06 -0.89	43.33 1.54 -0.30	45.29 1.54 0.95	49.66 1.59 -0.71	57.90 1.97 -1.14	81.59 2.50 -24.25	87.89 3.32 -27.76	79.17 3.39 -23.01	57.77 3.28 0.00	63.85 3.11 0.00	68.12 1.80 1.84	52.10 0.66 2.59	47.05 0.24 8.20	22.75 0.63 30.75	26.22 0.46 23.73
LOCKPORT_115KV_TB60_63_64 80432	41.28 -0.84 0.00	31.81 -1.38 0.00	30.11 -1.78 0.00	33.28 -1.72 0.00	30.22 -1.54 0.00	30.45 -1.42 0.00	34.20 -1.05 0.00	33.41 -1.30 0.00	32.72 -1.02 0.00	35.42 0.46 0.00	42.68 1.18 0.00	46.31 1.62 0.00	49.16 1.80 0.00	56.95 2.16 0.00	56.35 1.51 0.00	58.61 1.80 0.00	54.44 1.67 0.00	56.70 2.22 0.00	63.46 2.71 0.00	70.53 2.38 0.00	55.44 1.40 0.00	56.32 1.32 0.00	54.32 1.46 0.00	51.56 2.08 0.00
LOCKPORT___CC1 323769	41.12 -1.00 0.00	31.68 -1.51 0.00	29.98 -1.91 0.00	33.14 -1.86 0.00	30.11 -1.66 0.00	30.33 -1.54 0.00	34.05 -1.19 0.00	33.29 -1.41 0.00	32.61 -1.12 0.00	35.31 0.36 0.00	42.55 1.06 0.00	46.19 1.49 0.00	49.02 1.65 0.00	56.78 1.99 0.00	56.17 1.33 0.00	58.39 1.57 0.00	54.20 1.44 0.00	56.46 1.98 0.00	63.17 2.43 0.00	70.21 2.06 0.00	51.62 1.14 3.55	56.06 1.06 0.00	54.10 1.24 0.00	51.35 1.87 0.00
LOCKPORT___CC2 323770	41.12 -1.00 0.00	31.68 -1.51 0.00	29.98 -1.91 0.00	33.14 -1.86 0.00	30.11 -1.66 0.00	30.33 -1.54 0.00	34.05 -1.19 0.00	33.29 -1.41 0.00	32.61 -1.12 0.00	35.31 0.36 0.00	42.55 1.06 0.00	46.19 1.49 0.00	49.02 1.65 0.00	56.78 1.99 0.00	56.17 1.33 0.00	58.39 1.57 0.00	54.20 1.44 0.00	56.46 1.98 0.00	63.17 2.43 0.00	70.21 2.06 0.00	51.62 1.14 3.55	56.06 1.06 0.00	54.10 1.24 0.00	51.35 1.87 0.00
LOCKPORT___CC3 323771	41.12 -1.00 0.00	31.68 -1.51 0.00	29.98 -1.91 0.00	33.14 -1.86 0.00	30.11 -1.66 0.00	30.33 -1.54 0.00	34.05 -1.19 0.00	33.29 -1.41 0.00	32.61 -1.12 0.00	35.31 0.36 0.00	42.55 1.06 0.00	46.19 1.49 0.00	49.02 1.65 0.00	56.78 1.99 0.00	56.17 1.33 0.00	58.39 1.57 0.00	54.20 1.44 0.00	56.46 1.98 0.00	63.17 2.43 0.00	70.21 2.06 0.00	51.62 1.14 3.55	56.06 1.06 0.00	54.10 1.24 0.00	51.35 1.87 0.00
LOCUSVLY_69_KV_BK2 55797	44.34 2.22 0.00	34.85 1.66 0.00	33.44 1.55 0.00	36.65 1.65 0.00	34.89 1.42 -1.70	49.45 1.53 -16.05	36.75 1.51 0.00	36.08 1.37 0.00	35.32 1.58 0.00	37.43 1.59 -0.89	44.13 2.17 -0.46	47.07 2.24 -0.14	50.38 2.30 -0.71	58.67 2.75 -1.14	82.28 3.20 -24.25	88.72 4.14 -27.76	79.93 4.15 -23.01	58.75 4.26 0.00	64.91 4.17 0.00	70.52 3.03 0.66	54.65 1.56 0.95	52.69 1.11 3.41	44.33 1.48 10.01	40.84 1.24 9.88
LONG_LAKE_PHOENIX 24014	41.41 -0.71 0.00	32.52 -0.67 0.00	31.36 -0.71 -0.18	34.79 -0.78 -0.57	31.07 -0.69 0.00	31.20 -0.67 0.00	34.80 -0.70 -0.25	34.06 -0.70 -0.05	33.06 -0.67 0.00	34.39 -0.56 0.00	40.93 -0.56 0.00	44.11 -0.58 0.00	47.23 -0.62 -0.48	54.94 -0.66 -0.82	54.20 -0.64 0.00	56.49 -0.32 0.00	52.90 -0.13 -0.26	41.28 0.19 13.39	71.07 0.43 -9.90	79.62 0.18 -11.28	53.93 -0.11 0.00	54.69 -0.38 -0.07	52.70 -0.45 -0.29	51.90 -0.43 -2.84
LOVETT___3 23632	43.48 1.36 0.00	34.18 0.98 0.00	32.73 0.85 0.00	35.86 0.86 0.00	32.52 0.75 0.00	32.57 0.70 0.00	36.07 0.83 0.00	35.69 0.98 0.00	34.94 1.20 0.00	34.58 1.24 1.61	43.59 1.57 -0.53	47.01 1.60 -0.71	49.67 1.63 -0.67	57.60 1.74 -1.08	56.67 1.83 0.00	59.59 2.78 0.00	55.55 2.78 0.00	57.70 3.21 0.00	64.02 3.27 0.00	70.55 2.40 0.00	55.29 1.26 0.00	55.65 0.65 0.00	53.74 0.88 0.00	50.31 0.83 0.00
LOVETT___4 23642	43.48 1.36 0.00	34.18 0.98 0.00	32.73 0.85 0.00	35.86 0.86 0.00	32.52 0.75 0.00	32.57 0.70 0.00	36.07 0.83 0.00	35.69 0.98 0.00	34.94 1.20 0.00	34.58 1.24 1.61	43.59 1.57 -0.53	47.01 1.60 -0.71	49.67 1.63 -0.67	57.60 1.74 -1.08	56.67 1.83 0.00	59.59 2.78 0.00	55.55 2.78 0.00	57.70 3.21 0.00	64.02 3.27 0.00	70.55 2.40 0.00	55.29 1.26 0.00	55.65 0.65 0.00	53.74 0.88 0.00	50.31 0.83 0.00
LOVETT___5 23593	43.48 1.36 0.00	34.18 0.98 0.00	32.73 0.85 0.00	35.86 0.86 0.00	32.52 0.75 0.00	32.57 0.70 0.00	36.07 0.83 0.00	35.69 0.98 0.00	34.94 1.20 0.00	34.58 1.24 1.61	43.59 1.57 -0.53	47.01 1.60 -0.71	49.67 1.63 -0.67	57.60 1.74 -1.08	56.67 1.83 0.00	59.59 2.78 0.00	55.55 2.78 0.00	57.70 3.21 0.00	64.02 3.27 0.00	70.55 2.40 0.00	55.29 1.26 0.00	55.65 0.65 0.00	53.74 0.88 0.00	50.31 0.83 0.00
LOWER RAQUET___HYD 24057	43.08 0.97 0.00	34.30 1.10 0.00	32.85 0.94 -0.02	36.10 1.05 -0.05	32.73 0.96 0.00	32.81 0.94 0.00	36.46 1.19 -0.02	35.57 0.86 0.00	34.01 0.28 0.00	35.10 0.14 0.00	41.34 -0.15 0.00	44.50 -0.19 0.00	47.31 -0.10 -0.04	54.55 -0.31 -0.07	54.25 -0.59 0.00	54.99 -1.82 0.00	50.97 -1.81 -0.02	-382.40 -3.20 433.69	58.08 -3.54 -0.88	66.83 -2.32 -1.00	53.74 -0.30 0.00	55.74 0.74 -0.01	53.73 0.84 -0.03	50.68 0.94 -0.25
LOWER___HUDSON 24059	42.85 0.73 0.00	33.83 0.63 0.00	32.60 0.71 0.00	35.81 0.80 0.00	32.43 0.67 0.00	32.58 0.71 0.00	35.90 0.65 0.00	35.37 0.67 0.00	34.27 0.53 0.00	35.27 0.32 0.00	40.93 0.09 0.65	43.88 0.07 0.88	46.49 -0.04 0.84	53.24 -0.21 1.33	54.87 0.03 0.00	57.54 0.73 0.00	53.70 0.94 0.00	56.00 1.51 0.00	62.60 1.86 0.00	69.61 1.46 0.00	55.14 1.11 0.00	55.61 0.60 0.00	53.44 0.58 0.00	49.91 0.43 0.00
LOWVILLE_115KV_TB2 356335	44.23 2.11 0.00	34.80 1.60 0.00	33.35 1.42 -0.04	36.67 1.55 -0.11	33.18 1.41 0.00	33.36 1.49 0.00	37.04 1.75 -0.05	36.22 1.51 -0.01	34.74 1.01 0.00	35.82 0.87 0.00	42.49 1.00 0.00	45.58 0.89 0.00	48.48 1.02 -0.10	56.17 1.22 -0.16	56.00 1.17 0.00	57.92 1.11 0.00	54.14 1.33 -0.05	-66.11 1.58 122.17	65.17 2.43 -1.99	74.05 3.63 -2.27	57.37 3.33 0.00	58.48 3.46 -0.01	56.04 3.12 -0.06	52.69 2.64 -0.57
LUTHERFT_115KV_GLOB_FND_222 355753	43.50 1.39 0.00	34.30 1.10 0.00	33.03 1.14 0.00	36.28 1.27 0.00	32.85 1.08 0.00	32.99 1.12 0.00	36.39 1.15 0.00	35.84 1.14 0.00	34.69 0.96 0.00	35.71 0.76 0.00	41.60 0.62 0.51	44.70 0.69 0.68	47.33 0.61 0.65	54.30 0.54 1.03	55.63 0.80 0.00	58.37 1.56 0.00	54.63 1.86 0.00	57.07 2.59 0.00	64.08 3.34 0.00	71.39 3.24 0.00	56.48 2.44 0.00	56.96 1.95 0.00	54.66 1.80 0.00	50.96 1.47 0.00

LUTHERNY_35_KV_BK2 355980	43.50 1.39 0.00	34.29 1.10 0.00	33.04 1.15 0.00	36.28 1.28 0.00	32.84 1.08 0.00	32.99 1.12 0.00	36.41 1.17 0.00	35.84 1.14 0.00	34.72 0.98 0.00	35.74 0.79 0.00	41.70 0.71 0.51	44.84 0.83 0.68	47.34 0.62 0.65	54.29 0.53 1.03	55.64 0.80 0.00	58.39 1.57 0.00	54.70 1.93 0.00	57.22 2.73 0.00	64.21 3.47 0.00	71.53 3.38 0.00	56.51 2.47 0.00	57.03 2.03 0.00	54.78 1.92 0.00	51.06 1.58 0.00
LWR___OSWEGATCHIE_HYD 23850	43.70 1.59 0.00	34.58 1.38 0.00	33.12 1.20 -0.03	36.40 1.30 -0.10	32.96 1.19 0.00	33.10 1.23 0.00	36.77 1.48 -0.04	35.90 1.19 -0.01	34.34 0.61 0.00	35.42 0.47 0.00	41.86 0.37 0.00	44.96 0.27 0.00	47.83 0.38 -0.08	55.29 0.35 -0.14	55.02 0.18 0.00	56.35 -0.46 0.00	52.48 -0.33 -0.05	-239.79 -0.83 293.44	61.96 -0.50 -1.71	70.87 0.77 -1.95	55.66 1.62 0.00	57.23 2.22 -0.01	54.99 2.08 -0.05	51.84 1.87 -0.49
LYONS_FALL_HYD 23570	43.84 1.73 0.00	34.48 1.28 0.00	33.05 1.14 -0.03	36.34 1.26 -0.08	32.91 1.14 0.00	33.08 1.21 0.00	36.69 1.41 -0.04	35.94 1.23 -0.01	34.61 0.87 0.00	35.73 0.78 0.00	42.41 0.92 0.00	45.56 0.87 0.00	48.42 0.98 -0.07	56.12 1.21 -0.12	56.01 1.17 0.00	58.08 1.27 0.00	54.25 1.45 -0.04	-24.36 1.78 80.62	64.75 2.53 -1.47	73.22 3.39 -1.68	56.93 2.89 0.00	57.89 2.88 -0.01	55.49 2.59 -0.04	52.06 2.15 -0.42
MADISON___COUNTY_LFGE 323628	43.33 1.22 0.00	34.03 0.83 0.00	32.66 0.74 -0.03	35.94 0.85 -0.09	32.53 0.76 0.00	32.70 0.83 0.00	36.24 0.96 -0.04	35.55 0.83 -0.01	34.37 0.63 0.00	35.54 0.59 0.00	42.27 0.78 0.00	45.56 0.87 0.00	48.42 0.98 -0.08	56.17 1.24 -0.13	56.13 1.29 0.00	58.47 1.66 0.00	54.62 1.82 -0.04	32.84 2.31 23.95	65.43 3.05 -1.64	73.49 3.48 -1.87	56.64 2.60 0.00	57.30 2.29 -0.01	54.96 2.05 -0.05	51.63 1.68 -0.47
MALONE___115KV_TB1 356076	43.09 0.97 0.00	34.27 1.08 0.00	32.80 0.91 0.00	36.03 1.02 0.00	32.71 0.95 0.00	32.79 0.92 0.00	36.45 1.21 0.00	35.76 1.06 0.00	34.49 0.75 0.00	35.59 0.63 0.00	42.06 0.57 0.00	45.27 0.58 0.00	48.08 0.71 0.00	55.62 0.84 0.00	55.43 0.59 0.00	56.56 -0.26 0.00	52.42 -0.35 0.00	-78.83 -1.20 132.12	59.21 -1.53 0.00	67.70 -0.45 0.00	54.61 0.58 0.00	56.22 1.22 0.00	53.78 0.92 0.00	50.40 0.92 0.00
MAPLEWOD_115KV_TB3 80458	42.54 0.42 0.00	33.58 0.39 0.00	32.35 0.46 0.00	35.47 0.47 0.00	32.18 0.41 0.00	32.31 0.44 0.00	35.60 0.35 0.00	35.09 0.38 0.00	34.04 0.30 0.00	35.07 0.11 0.00	40.91 -0.09 0.49	43.91 -0.13 0.66	46.57 -0.18 0.62	53.47 -0.33 0.99	54.72 -0.11 0.00	57.34 0.52 0.00	53.50 0.74 0.00	55.71 1.22 0.00	62.21 1.47 0.00	69.13 0.98 0.00	54.68 0.65 0.00	55.15 0.15 0.00	53.00 0.14 0.00	49.51 0.03 0.00
MAPLE_RIDGE_WT_1 323574	42.15 0.03 0.00	33.28 0.09 0.00	31.96 0.07 0.00	35.10 0.10 0.00	31.86 0.10 0.00	31.94 0.06 0.00	35.34 0.10 0.00	34.79 0.09 0.00	33.77 0.04 0.00	34.94 -0.01 0.00	41.42 -0.07 0.00	44.62 -0.07 0.00	47.31 -0.06 0.00	54.76 -0.03 0.00	54.74 -0.10 0.00	56.54 -0.28 0.00	52.51 -0.25 0.00	69.74 -0.45 -15.70	60.16 -0.59 0.00	67.72 -0.43 0.00	53.84 -0.20 0.00	54.94 -0.06 0.00	52.76 -0.10 0.00	49.44 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	42.15 0.03 0.00	33.28 0.09 0.00	31.96 0.07 0.00	35.10 0.10 0.00	31.86 0.10 0.00	31.94 0.06 0.00	35.34 0.10 0.00	34.79 0.09 0.00	33.77 0.04 0.00	34.94 -0.01 0.00	41.42 -0.07 0.00	44.62 -0.07 0.00	47.31 -0.06 0.00	54.76 -0.03 0.00	54.74 -0.10 0.00	56.54 -0.28 0.00	52.51 -0.25 0.00	69.74 -0.45 -15.70	60.16 -0.59 0.00	67.72 -0.43 0.00	53.84 -0.20 0.00	54.94 -0.06 0.00	52.76 -0.10 0.00	49.44 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	42.47 0.35 0.00	33.83 0.63 0.00	32.38 0.49 0.00	35.62 0.62 0.00	32.33 0.57 0.00	32.42 0.55 0.00	35.95 0.71 0.00	35.29 0.58 0.00	34.12 0.39 0.00	35.22 0.26 0.00	41.72 0.23 0.00	44.86 0.17 0.00	47.65 0.29 0.00	55.18 0.39 0.00	55.10 0.26 0.00	56.32 -0.49 0.00	52.16 -0.61 0.00	65.52 -1.39 -12.42	58.89 -1.86 0.00	67.01 -1.14 0.00	53.83 -0.21 0.00	55.24 0.25 0.00	52.84 -0.02 0.00	49.59 0.11 0.00
MARSHVLE_115KV_TB1 80742	44.32 2.21 0.00	34.80 1.61 0.00	33.32 1.43 0.00	36.55 1.55 0.00	33.16 1.40 0.00	33.28 1.41 0.00	36.93 1.69 0.00	36.01 1.31 0.00	34.53 0.79 0.00	35.79 0.83 0.00	42.29 1.09 0.29	45.48 1.19 0.40	48.37 1.38 0.38	55.89 1.70 0.60	56.43 1.59 0.00	58.34 1.53 0.00	54.37 1.61 0.00	56.40 1.91 0.00	63.58 2.84 0.00	72.50 4.35 0.00	57.70 3.67 0.00	58.61 3.61 0.00	56.22 3.36 0.00	52.59 3.10 0.00
MARSH_HILL_WT_PWR 323713	41.32 -0.80 0.00	32.12 -1.08 0.00	30.84 -1.08 -0.03	34.16 -0.93 -0.09	30.96 -0.81 0.00	30.97 -0.90 0.00	34.42 -0.86 -0.04	33.72 -0.99 -0.01	32.70 -1.04 0.00	34.03 -0.92 0.00	40.83 -0.66 0.00	44.09 -0.60 0.00	47.38 -0.06 -0.07	55.23 0.32 -0.12	55.08 0.24 0.00	57.92 1.11 0.00	55.23 2.43 -0.03	57.61 3.04 -0.09	66.12 4.11 -1.27	73.60 4.01 -1.44	56.25 2.21 0.00	56.24 1.23 -0.01	54.28 1.38 -0.04	51.44 1.59 -0.36
MCINTYRE_115KV_TB2 80467	44.10 1.98 0.00	35.02 1.82 0.00	33.51 1.62 0.00	36.80 1.80 0.00	33.41 1.64 0.00	33.50 1.63 0.00	37.22 1.98 0.00	36.28 1.58 0.00	34.51 0.78 0.00	35.51 0.56 0.00	41.89 0.39 0.00	45.12 0.43 0.00	47.94 0.57 0.00	55.41 0.62 0.00	55.12 0.29 0.00	55.78 -1.03 0.00	51.62 -1.14 0.00	-436.17 -2.61 488.04	57.96 -2.78 0.00	67.52 -0.63 0.00	55.26 1.22 0.00	57.25 2.25 0.00	54.98 2.11 0.00	51.58 2.10 0.00
MECO_____69_KV_BK1 80468	44.77 2.65 0.00	35.14 1.94 0.00	33.67 1.78 0.00	36.93 1.93 0.00	33.50 1.73 0.00	33.63 1.76 0.00	37.26 2.01 0.00	36.37 1.67 0.00	34.64 0.91 0.00	35.50 0.55 0.00	41.62 0.45 0.32	44.81 0.55 0.44	47.72 0.77 0.42	54.87 0.74 0.66	55.56 0.72 0.00	57.77 0.96 0.00	54.07 1.30 0.00	56.65 2.17 0.00	64.45 3.71 0.00	73.50 5.35 0.00	58.44 4.41 0.00	59.13 4.13 0.00	56.66 3.79 0.00	52.81 3.33 0.00
MENANDS___115KV_TB5 355628	42.18 0.06 0.00	33.32 0.12 0.00	32.12 0.23 0.00	35.22 0.21 0.00	31.95 0.18 0.00	32.08 0.21 0.00	35.33 0.09 0.00	34.83 0.12 0.00	33.79 0.06 0.00	34.81 -0.14 0.00	40.61 -0.40 0.48	43.57 -0.47 0.66	46.19 -0.56 0.62	53.01 -0.79 0.99	54.25 -0.58 0.00	56.85 0.04 0.00	53.01 0.25 0.00	55.15 0.66 0.00	61.52 0.78 0.00	68.33 0.18 0.00	54.07 0.04 0.00	54.53 -0.47 0.00	52.45 -0.41 0.00	49.02 -0.47 0.00
MG INDUSTRY___DRP 24185	41.41 -0.71 0.00	32.71 -0.48 0.00	31.54 -0.35 0.00	34.60 -0.41 0.00	31.40 -0.36 0.00	31.50 -0.37 0.00	34.68 -0.57 0.00	34.13 -0.57 0.00	33.03 -0.70 0.00	34.01 -0.94 0.00	39.92 -1.31 0.27	42.85 -1.48 0.36	45.39 -1.64 0.34	52.24 -2.00 0.55	52.98 -1.86 0.00	55.42 -1.39 0.00	51.63 -1.13 0.00	53.63 -0.86 0.00	59.95 -0.80 0.00	66.80 -1.35 0.00	53.00 -1.04 0.00	53.54 -1.46 0.00	51.52 -1.34 0.00	48.17 -1.32 0.00

MID___OSWEGATCHIE_HYD 23849	43.70 1.59 0.00	34.58 1.38 0.00	33.12 1.20 -0.03	36.40 1.30 -0.10	32.96 1.19 0.00	33.10 1.23 0.00	36.77 1.48 -0.04	35.90 1.19 -0.01	34.34 0.61 0.00	35.42 0.47 0.00	41.86 0.37 0.00	44.96 0.27 0.00	47.83 0.38 -0.08	55.29 0.35 -0.14	55.02 0.18 0.00	56.35 -0.46 0.00	52.48 -0.33 -0.05	-239.79 -0.83 293.44	61.96 -0.50 -1.71	70.87 0.77 -1.95	55.66 1.62 0.00	57.23 2.22 -0.01	54.99 2.08 -0.05	51.84 1.87 -0.49
MID___RAQUETTE_HYD 23851	43.08 0.97 0.00	34.30 1.10 0.00	32.85 0.94 -0.02	36.10 1.05 -0.05	32.73 0.96 0.00	32.81 0.94 0.00	36.46 1.19 -0.02	35.57 0.86 0.00	34.01 0.28 0.00	35.10 0.14 0.00	41.34 -0.15 0.00	44.50 -0.19 0.00	47.31 -0.10 -0.04	54.55 -0.31 -0.07	54.25 -0.59 0.00	54.99 -1.82 0.00	50.97 -1.81 -0.02	-382.40 -3.20 433.69	58.08 -3.54 -0.88	66.83 -2.32 -1.00	53.74 -0.30 0.00	55.74 0.73 -0.01	53.73 0.84 -0.03	50.68 0.94 -0.25
MILLIKEN___1 23584	42.70 0.58 0.00	33.47 0.27 0.00	32.15 0.20 -0.06	35.41 0.21 -0.20	31.99 0.22 0.00	32.13 0.26 0.00	35.74 0.42 -0.09	35.00 0.28 -0.02	33.96 0.23 0.00	35.21 0.26 0.00	41.98 0.49 0.00	45.25 0.56 0.00	48.27 0.73 -0.17	56.07 0.99 -0.29	55.81 0.97 0.00	58.19 1.38 0.00	54.55 1.69 -0.09	57.04 2.31 -0.24	67.36 3.15 -3.47	75.36 3.26 -3.95	56.20 2.16 0.00	56.77 1.75 -0.02	54.53 1.57 -0.10	51.80 1.33 -1.00
MILLIKEN___2 23585	42.70 0.58 0.00	33.47 0.27 0.00	32.15 0.20 -0.06	35.41 0.21 -0.20	31.99 0.22 0.00	32.13 0.26 0.00	35.74 0.42 -0.09	35.00 0.28 -0.02	33.96 0.23 0.00	35.21 0.26 0.00	41.98 0.49 0.00	45.25 0.56 0.00	48.27 0.73 -0.17	56.07 0.99 -0.29	55.81 0.97 0.00	58.19 1.38 0.00	54.55 1.69 -0.09	57.04 2.31 -0.24	67.36 3.15 -3.47	75.36 3.26 -3.95	56.20 2.16 0.00	56.77 1.75 -0.02	54.53 1.57 -0.10	51.80 1.33 -1.00
MILLIKEN___DIESEL 23629	42.70 0.58 0.00	33.47 0.27 0.00	32.15 0.20 -0.06	35.41 0.21 -0.20	31.99 0.22 0.00	32.13 0.26 0.00	35.74 0.42 -0.09	35.00 0.28 -0.02	33.96 0.23 0.00	35.21 0.26 0.00	41.98 0.49 0.00	45.25 0.56 0.00	48.27 0.73 -0.17	56.07 0.99 -0.29	55.81 0.97 0.00	58.19 1.38 0.00	54.55 1.69 -0.09	57.04 2.31 -0.24	67.36 3.15 -3.47	75.36 3.26 -3.95	56.20 2.16 0.00	56.77 1.75 -0.02	54.53 1.57 -0.10	51.80 1.33 -1.00
MILLSEAT___LFGE 323607	42.25 0.14 0.00	32.59 -0.61 0.00	30.86 -1.03 0.00	34.07 -0.93 0.00	30.94 -0.83 0.00	31.18 -0.69 0.00	34.99 -0.25 0.00	34.24 -0.46 0.00	33.40 -0.33 0.00	35.92 0.97 0.00	43.22 1.73 0.00	46.88 2.18 0.00	49.75 2.38 0.00	57.70 2.91 0.00	57.26 2.42 0.00	59.63 2.81 0.00	55.50 2.74 0.00	57.88 3.39 0.00	65.01 4.26 0.00	72.52 4.36 0.00	53.79 2.97 3.21	57.81 2.81 0.00	55.59 2.73 0.00	52.54 3.05 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.62 1.50 0.00	34.31 1.11 0.00	32.86 0.97 0.00	35.99 0.99 0.00	32.62 0.86 0.00	32.70 0.83 0.00	36.21 0.96 0.00	35.82 1.11 0.00	35.05 1.32 0.00	37.30 1.35 -1.00	43.73 1.68 -0.55	47.11 1.67 -0.75	49.75 1.67 -0.71	57.69 1.77 -1.13	56.73 1.90 0.00	59.66 2.85 0.00	55.60 2.84 0.00	57.77 3.28 0.00	64.08 3.34 0.00	70.59 2.44 0.00	55.36 1.32 0.00	55.75 0.75 0.00	53.86 0.99 0.00	50.44 0.96 0.00
MILLWOOD_13_KV_LOAD 356217	43.70 1.58 0.00	34.37 1.18 0.00	32.91 1.02 0.00	36.05 1.05 0.00	32.67 0.90 0.00	32.75 0.88 0.00	36.27 1.03 0.00	35.88 1.17 0.00	35.11 1.38 0.00	37.37 1.42 -1.00	43.81 1.77 -0.55	47.20 1.76 -0.75	49.86 1.79 -0.71	57.83 1.91 -1.13	56.89 2.05 0.00	59.83 3.02 0.00	55.77 3.01 0.00	57.93 3.45 0.00	64.27 3.52 0.00	70.80 2.65 0.00	55.52 1.49 0.00	55.89 0.89 0.00	53.99 1.13 0.00	50.55 1.07 0.00
MODEL_CITY_ENERGY 24167	40.99 -1.12 0.00	31.60 -1.59 0.00	29.91 -1.97 0.00	33.08 -1.92 0.00	30.05 -1.72 0.00	30.27 -1.60 0.00	33.98 -1.26 0.00	33.17 -1.53 0.00	32.48 -1.25 0.00	35.19 0.23 0.00	42.39 0.90 0.00	45.98 1.29 0.00	48.82 1.45 0.00	56.54 1.75 0.00	55.91 1.07 0.00	58.11 1.30 0.00	53.99 1.23 0.00	56.22 1.73 0.00	62.88 2.14 0.00	69.85 1.70 0.00	51.19 0.91 3.76	55.88 0.88 0.00	53.89 1.02 0.00	51.22 1.74 0.00
MODERN_LFGE___ 323580	40.99 -1.12 0.00	31.60 -1.59 0.00	29.91 -1.97 0.00	33.08 -1.92 0.00	30.05 -1.72 0.00	30.27 -1.60 0.00	33.98 -1.26 0.00	33.17 -1.53 0.00	32.48 -1.25 0.00	35.19 0.23 0.00	42.39 0.90 0.00	45.98 1.29 0.00	48.82 1.45 0.00	56.54 1.75 0.00	55.91 1.07 0.00	58.11 1.30 0.00	53.99 1.23 0.00	56.22 1.73 0.00	62.88 2.14 0.00	69.85 1.70 0.00	51.19 0.91 3.76	55.88 0.88 0.00	53.89 1.02 0.00	51.22 1.74 0.00
MOHAWK_PAPER___DRP 24187	42.54 0.42 0.00	33.58 0.39 0.00	32.35 0.46 0.00	35.47 0.47 0.00	32.18 0.41 0.00	32.31 0.44 0.00	35.60 0.35 0.00	35.09 0.38 0.00	34.04 0.30 0.00	35.07 0.11 0.00	40.91 -0.09 0.49	43.91 -0.13 0.66	46.57 -0.18 0.62	53.47 -0.33 0.99	54.72 -0.11 0.00	57.34 0.52 0.00	53.50 0.74 0.00	55.71 1.22 0.00	62.21 1.47 0.00	69.13 0.98 0.00	54.68 0.65 0.00	55.15 0.15 0.00	53.00 0.14 0.00	49.51 0.03 0.00
MOHICAN___35_KV_115KV_LD 80490	43.54 1.43 0.00	34.42 1.22 0.00	33.16 1.27 0.00	36.47 1.47 0.00	32.96 1.20 0.00	33.14 1.27 0.00	36.53 1.29 0.00	36.03 1.32 0.00	34.80 1.06 0.00	35.68 0.73 0.00	41.36 0.37 0.50	44.46 0.44 0.67	47.09 0.36 0.63	53.99 0.21 1.01	55.44 0.60 0.00	58.39 1.58 0.00	54.81 2.04 0.00	57.43 2.94 0.00	64.85 4.10 0.00	72.27 4.12 0.00	57.32 3.28 0.00	57.64 2.65 0.00	55.18 2.32 0.00	51.29 1.80 0.00
MONGAUP___HYD 23641	43.93 1.81 0.00	34.50 1.30 0.00	33.03 1.15 0.00	36.19 1.18 0.00	32.78 1.02 0.00	32.86 1.00 0.00	36.38 1.14 0.00	35.93 1.22 0.00	34.94 1.21 0.00	35.07 1.03 0.91	43.09 1.13 -0.46	46.45 1.13 -0.63	49.10 1.14 -0.59	57.03 1.30 -0.94	56.33 1.49 0.00	59.20 2.39 0.00	55.47 2.71 0.00	57.90 3.41 0.00	64.78 4.04 0.00	71.97 3.82 0.00	56.65 2.62 0.00	57.02 2.02 0.00	54.88 2.02 0.00	51.21 1.73 0.00
MONTAUK___DIESEL 23721	46.75 4.64 0.00	36.26 3.06 0.00	34.81 2.92 0.00	38.43 3.43 0.00	36.66 2.79 -2.11	54.26 2.40 -19.99	37.75 2.51 0.00	36.69 1.99 0.00	35.94 2.20 0.00	37.77 1.94 -0.89	44.54 2.73 -0.32	46.71 2.92 0.89	50.45 2.80 -0.28	59.04 4.12 -0.13	82.79 5.83 -22.12	91.34 6.77 -27.76	82.50 6.72 -23.01	61.05 6.56 0.00	67.38 6.64 0.00	71.57 5.07 1.65	54.26 2.55 2.33	50.29 2.78 7.49	28.70 3.21 27.38	30.67 2.88 21.70
MOONROAD_115KV_HARTFLD_TB1-2 355988	42.44 0.33 0.00	32.67 -0.53 0.00	30.92 -0.96 0.00	34.11 -0.90 0.00	30.99 -0.78 0.00	31.28 -0.59 0.00	35.28 0.04 0.00	34.57 -0.13 0.00	33.95 0.21 0.00	36.55 1.60 0.00	44.34 2.85 0.00	48.24 3.54 0.00	50.93 3.56 0.00	59.24 4.45 0.00	58.68 3.84 0.00	60.96 4.15 0.00	56.48 3.72 0.00	58.95 4.47 0.00	66.31 5.56 0.00	73.38 5.23 0.00	57.34 3.30 0.00	57.93 2.93 0.00	56.53 3.67 0.00	53.03 3.54 0.00

MORRIS_RIDGE___SOLAR 323848	41.09 -1.03 0.00	32.00 -1.20 0.00	30.69 -1.23 -0.03	33.99 -1.12 -0.10	30.86 -0.90 0.00	30.86 -1.01 0.00	34.35 -0.93 -0.04	33.51 -1.21 -0.01	32.02 -1.43 0.28	-3.39 -1.56 36.79	-10.14 -1.36 50.27	8.03 -1.44 35.23	45.54 -0.98 0.85	54.17 -0.76 -0.14	53.90 -0.94 0.00	56.83 0.01 0.00	54.31 1.52 -0.03	56.65 2.10 -0.07	64.75 3.06 -0.95	72.16 2.92 -1.08	55.64 1.61 0.00	56.05 1.05 -0.01	54.14 1.24 -0.03	51.23 1.47 -0.27
MORTIMER_115KV_TB3 55949	42.31 0.19 0.00	32.85 -0.35 0.00	31.25 -0.64 0.00	34.39 -0.61 0.00	31.23 -0.54 0.00	31.42 -0.44 0.00	35.09 -0.15 0.00	34.45 -0.26 0.00	33.63 -0.11 0.00	35.77 0.82 0.00	42.95 1.45 0.00	46.56 1.87 0.00	49.30 1.94 0.00	57.24 2.45 0.00	57.01 2.18 0.00	59.40 2.59 0.00	55.30 2.54 0.00	57.56 3.07 0.00	64.44 3.69 0.00	71.69 3.54 0.00	56.29 2.26 0.00	57.00 2.00 0.00	54.73 1.86 0.00	51.47 1.99 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.95 1.83 0.00	34.57 1.38 0.00	33.07 1.19 0.00	36.20 1.19 0.00	32.81 1.04 0.00	32.91 1.04 0.00	36.46 1.21 0.00	36.10 1.40 0.00	35.39 1.66 0.00	37.56 1.72 -0.89	44.15 2.10 -0.56	47.47 2.03 -0.76	50.08 2.00 -0.71	58.03 2.10 -1.14	57.06 2.22 0.00	60.04 3.23 0.00	55.91 3.15 0.00	58.04 3.55 0.00	64.27 3.52 0.00	70.68 2.53 0.00	55.41 1.38 0.00	55.85 0.85 0.00	54.05 1.18 0.00	50.72 1.24 0.00
MUNSVILLE_WIND_PWR 323609	44.41 2.30 0.00	35.04 1.85 0.00	33.70 1.77 -0.04	37.25 2.12 -0.13	33.73 1.97 0.00	33.88 2.01 0.00	37.63 2.33 -0.06	36.77 2.05 -0.01	35.61 1.88 0.00	36.98 2.03 0.00	44.12 2.63 0.00	47.50 2.81 0.00	50.62 3.14 -0.11	58.77 3.79 -0.19	58.65 3.81 0.00	61.37 4.55 0.00	57.61 4.79 -0.06	60.53 5.88 -0.16	70.45 7.45 -2.26	78.87 8.15 -2.57	61.14 5.92 -1.19	60.29 5.28 -0.02	57.75 4.82 -0.06	54.31 4.18 -0.65
N SALMON___HYD 24042	43.09 0.97 0.00	34.27 1.08 0.00	32.80 0.91 0.00	36.03 1.02 0.00	32.71 0.95 0.00	32.79 0.92 0.00	36.45 1.21 0.00	35.76 1.06 0.00	34.48 0.75 0.00	35.58 0.63 0.00	42.06 0.57 0.00	45.27 0.58 0.00	48.08 0.71 0.00	55.62 0.83 0.00	55.43 0.59 0.00	56.56 -0.26 0.00	52.42 -0.35 0.00	-78.83 132.12 0.00	59.21 -1.20 0.00	67.70 -1.53 0.00	54.61 -0.45 0.00	56.22 0.58 0.00	53.78 1.22 0.00	50.40 0.92 0.00
N.AKRON__115KV_KNAPP 355671	41.97 -0.14 0.00	32.36 -0.83 0.00	30.64 -1.25 0.00	33.84 -1.16 0.00	30.74 -1.03 0.00	30.98 -0.89 0.00	34.78 -0.47 0.00	34.01 -0.70 0.00	33.23 -0.50 0.00	35.84 0.88 0.00	43.13 1.64 0.00	46.79 2.10 0.00	49.68 2.32 0.00	57.59 2.80 0.00	57.09 2.25 0.00	59.42 2.60 0.00	55.25 2.49 0.00	57.64 3.15 0.00	64.61 3.86 0.00	71.98 3.83 0.00	56.56 2.53 0.00	57.39 2.39 0.00	55.24 2.38 0.00	52.28 2.80 0.00
N.E_GEN_SANDY PD 24062	28.99 0.63 13.75	35.91 0.54 -2.17	32.48 0.59 0.00	35.67 0.66 0.00	32.30 0.53 0.00	32.44 0.57 0.00	35.77 0.52 0.00	35.30 0.60 0.00	34.29 0.56 0.00	35.94 0.39 -0.59	37.99 0.22 3.72	40.39 0.13 4.43	42.73 0.00 4.64	47.85 -0.20 6.74	54.54 0.06 0.35	58.31 0.89 -0.61	54.30 1.04 -0.49	56.09 1.56 -0.04	62.40 1.65 0.00	69.09 0.94 0.00	51.19 0.56 3.40	53.91 -0.02 1.07	52.97 0.11 0.00	43.87 0.03 5.64
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.58 1.46 0.00	34.24 1.05 0.00	32.78 0.89 0.00	35.92 0.92 0.00	32.56 0.80 0.00	32.62 0.75 0.00	36.13 0.89 0.00	35.75 1.05 0.00	35.01 1.27 0.00	34.73 1.32 1.54	43.72 1.71 -0.52	47.18 1.78 -0.70	49.88 1.85 -0.67	57.86 2.01 -1.07	56.95 2.12 0.00	59.92 3.11 0.00	55.85 3.09 0.00	58.00 3.51 0.00	64.36 3.61 0.00	70.93 2.78 0.00	55.56 1.53 0.00	55.88 0.89 0.00	53.94 1.07 0.00	50.48 0.99 0.00
N.QUEENS_27_KV_LOAD 356247	44.12 2.00 0.00	34.68 1.48 0.00	33.08 1.20 0.00	36.22 1.22 0.00	32.89 1.12 0.00	32.99 1.12 0.00	36.51 1.27 0.00	36.17 1.47 0.00	35.49 1.76 0.00	37.62 1.78 -0.89	44.09 2.04 -0.56	47.47 2.02 -0.76	49.96 1.88 -0.71	57.82 1.89 -1.14	56.76 1.93 0.01	59.80 2.99 0.01	55.67 2.91 0.01	57.82 3.33 0.01	63.96 3.23 0.01	70.31 2.17 0.01	55.15 1.12 0.00	55.63 0.63 0.00	54.14 1.27 0.00	50.79 1.31 0.00
N.TROY___115KV_TB1 355778	42.84 0.73 0.00	33.83 0.63 0.00	32.60 0.71 0.00	35.81 0.80 0.00	32.43 0.67 0.00	32.58 0.71 0.00	35.90 0.65 0.00	35.37 0.67 0.00	34.27 0.53 0.00	35.28 0.32 0.00	40.93 0.09 0.65	43.88 0.07 0.88	46.49 -0.04 0.84	53.24 -0.21 1.33	54.87 0.03 0.00	57.54 0.73 0.00	53.70 0.94 0.00	56.00 1.51 0.00	62.61 1.86 0.00	69.60 1.45 0.00	55.14 1.11 0.00	55.60 0.60 0.00	53.44 0.58 0.00	49.91 0.43 0.00
NARROWS_GT1_1 24228	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT1_2 24229	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT1_3 24230	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT1_4 24231	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT1_5 24232	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00

NARROWS_GT1_6 24233	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT1_7 24234	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT1_8 24235	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT2_1 24236	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT2_2 24237	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT2_3 24238	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT2_4 24239	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT2_5 24240	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT2_6 24241	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT2_7 24242	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NARROWS_GT2_8 24243	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.09 0.00	57.97 3.49 0.00	64.14 3.39 0.00	70.48 2.33 0.00	55.29 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.69 0.58 0.00	33.67 0.48 0.00	32.43 0.54 0.00	35.54 0.53 0.00	32.26 0.49 0.00	32.39 0.52 0.00	35.67 0.43 0.00	35.13 0.43 0.00	33.84 0.10 0.00	34.66 -0.29 0.18	40.71 -0.59 0.25	43.77 -0.68 0.25	46.39 -0.74 0.24	53.56 -0.85 0.37	54.09 -0.75 0.00	56.85 0.04 0.00	53.12 0.36 0.00	55.50 1.01 0.00	62.44 1.70 0.00	69.76 1.61 0.00	55.33 1.30 0.00	55.71 0.71 0.00	53.44 0.58 0.00	49.78 0.30 0.00
NCHELSEA_115KV_TR2 355582	44.00 1.88 0.00	34.57 1.37 0.00	33.10 1.21 0.00	36.27 1.26 0.00	32.86 1.09 0.00	32.93 1.07 0.00	36.46 1.22 0.00	36.06 1.36 0.00	35.26 1.52 0.00	36.52 1.57 0.00	43.87 1.93 -0.44	47.29 2.00 -0.60	50.01 2.08 -0.57	58.00 2.31 -0.90	57.35 2.52 0.00	60.33 3.52 0.00	56.31 3.54 0.00	58.57 4.08 0.00	65.05 4.31 0.00	71.74 3.59 0.00	56.28 2.25 0.00	56.63 1.63 0.00	54.60 1.73 0.00	50.98 1.50 0.00
NEG CAPITAL___MECHNVIL 23645	43.59 1.48 0.00	34.35 1.15 0.00	33.08 1.20 0.00	36.33 1.33 0.00	32.89 1.13 0.00	33.04 1.17 0.00	36.44 1.20 0.00	35.91 1.20 0.00	34.77 1.04 0.00	35.80 0.85 0.56	41.67 0.73 0.76	44.77 0.84 0.76	47.43 0.78 0.72	54.41 0.76 1.14	55.87 1.03 0.00	58.61 1.80 0.00	54.83 2.06 0.00	57.27 2.78 0.00	64.27 3.52 0.00	71.55 3.40 0.00	56.60 2.56 0.00	57.00 2.00 0.00	54.73 1.87 0.00	51.00 1.52 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.45 -0.66 0.00	32.26 -0.94 0.00	30.74 -1.15 0.00	33.81 -1.19 0.00	30.69 -1.07 0.00	30.88 -0.99 0.00	34.44 -0.80 0.00	33.83 -0.87 0.00	32.99 -0.74 0.00	34.96 0.01 0.00	41.89 0.40 0.00	45.38 0.69 0.00	48.23 0.86 0.00	55.96 1.17 0.00	55.81 0.98 0.00	58.19 1.38 0.00	54.24 1.48 0.00	56.44 1.95 0.00	63.19 2.45 0.00	70.29 2.14 0.00	53.83 1.14 1.35	55.80 0.80 0.00	53.54 0.67 0.00	50.27 0.78 0.00



NEG CENTRAL___DRP 24199	42.22 0.10 0.00	33.01 -0.19 0.00	31.64 -0.31 -0.06	34.88 -0.33 -0.20	31.51 -0.26 0.00	31.66 -0.21 0.00	35.29 -0.04 -0.09	34.59 -0.14 -0.02	33.60 -0.13 0.00	35.02 0.07 0.00	41.89 0.40 0.00	45.15 0.45 0.00	48.17 0.63 -0.17	56.06 0.98 -0.29	55.84 1.00 0.00	58.23 1.42 0.00	54.63 1.77 -0.09	49.22 2.36 7.63	67.40 3.18 -3.48	75.24 3.12 -3.97	55.91 1.87 0.00	56.42 1.40 -0.02	54.21 1.25 -0.10	51.59 1.11 -1.00
NEG CENTRAL___INDECK 23768	42.11 -0.01 0.00	32.66 -0.53 0.00	31.15 -0.76 -0.02	34.38 -0.68 -0.06	31.22 -0.54 0.00	31.36 -0.51 0.00	35.05 -0.22 -0.03	34.32 -0.40 -0.01	33.08 -0.65 0.00	34.57 -0.39 0.00	41.43 -0.06 0.00	44.88 0.19 0.00	47.98 0.56 -0.05	55.81 0.94 -0.08	55.63 0.80 0.00	58.37 1.55 0.00	54.93 2.17 0.00	57.17 2.68 0.00	64.52 3.78 0.00	72.61 4.46 0.00	57.23 3.20 0.00	57.72 2.72 0.00	55.29 2.43 0.00	52.97 3.49 0.00
NEG CENTRAL___SENECA 23627	42.33 0.21 0.00	33.04 -0.15 0.00	31.62 -0.30 -0.04	34.85 -0.27 -0.11	31.56 -0.21 0.00	31.70 -0.17 0.00	35.35 0.06 -0.05	34.69 -0.03 -0.01	33.70 -0.03 0.00	35.20 0.25 0.00	42.14 0.65 0.00	45.35 0.66 0.00	48.38 0.92 -0.09	56.33 1.38 -0.16	56.19 1.35 0.00	58.67 1.86 0.00	55.07 2.26 -0.05	57.54 2.92 -0.14	66.59 3.91 -1.94	74.20 3.84 -2.21	56.38 2.35 0.00	56.83 1.82 -0.01	54.59 1.67 -0.06	51.54 1.51 -0.56
NEG CENTRAL___STATE_STREET 24147	42.34 0.23 0.00	33.18 -0.01 0.00	31.88 -0.08 -0.08	35.06 -0.21 -0.26	31.67 -0.09 0.00	31.85 -0.02 0.00	35.46 0.10 -0.11	34.64 -0.09 -0.03	33.69 -0.04 0.00	34.98 0.03 0.00	41.82 0.33 0.00	45.14 0.45 0.00	48.08 0.50 -0.22	56.01 0.84 -0.38	55.68 0.84 0.00	57.85 1.04 0.00	54.32 1.44 -0.12	48.32 1.97 8.14	67.97 2.65 -4.58	76.01 2.65 -5.22	55.55 1.52 0.00	56.12 1.09 -0.03	53.92 0.93 -0.13	51.60 0.80 -1.32
NEG MILLWOOD___DRP 24198	44.10 1.98 0.00	34.64 1.44 0.00	33.17 1.28 0.00	36.33 1.33 0.00	32.91 1.15 0.00	33.00 1.13 0.00	36.54 1.30 0.00	36.16 1.45 0.00	35.37 1.64 0.00	36.94 1.70 -0.28	44.10 2.12 -0.49	47.54 2.18 -0.67	50.27 2.27 -0.63	58.35 2.55 -1.01	57.62 2.79 0.00	60.64 3.83 0.00	56.58 3.81 0.00	58.80 4.31 0.00	65.26 4.52 0.00	71.88 3.73 0.00	56.35 2.32 0.00	56.70 1.70 0.00	54.69 1.82 0.00	51.08 1.60 0.00
NEG NORTH_FLCN_SEA 23793	42.45 0.33 0.00	34.03 0.84 0.00	32.53 0.64 0.00	35.83 0.83 0.00	32.51 0.74 0.00	32.62 0.75 0.00	36.12 0.88 0.00	35.36 0.66 0.00	34.13 0.40 0.00	35.19 0.24 0.00	41.80 0.31 0.00	44.83 0.14 0.00	47.61 0.24 0.00	55.10 0.31 0.00	55.16 0.32 0.00	56.40 -0.41 0.00	52.23 -0.53 0.00	53.20 -1.29 0.00	59.04 -1.70 0.00	67.09 -1.06 0.00	54.00 -0.04 0.00	55.26 0.27 0.00	52.83 -0.04 0.00	49.58 0.10 0.00
NEG NORTH_KES_CHATEGAY 23792	42.61 0.49 0.00	33.90 0.70 0.00	32.45 0.56 0.00	35.69 0.69 0.00	32.40 0.63 0.00	32.46 0.59 0.00	36.03 0.78 0.00	35.35 0.65 0.00	34.15 0.41 0.00	35.24 0.28 0.00	41.72 0.22 0.00	44.87 0.18 0.00	47.67 0.31 0.00	55.20 0.41 0.00	55.09 0.25 0.00	56.26 -0.55 0.00	52.08 -0.68 0.00	22.88 -1.48 30.12	58.73 -2.02 0.00	67.01 -1.14 0.00	53.91 -0.12 0.00	55.41 0.41 0.00	52.96 0.09 0.00	49.71 0.23 0.00
NEG NORTH___ALICE_FALLS 23915	42.77 0.66 0.00	34.20 1.00 0.00	32.69 0.80 0.00	35.98 0.97 0.00	32.65 0.88 0.00	32.75 0.89 0.00	36.32 1.08 0.00	35.58 0.87 0.00	34.31 0.58 0.00	35.37 0.42 0.00	41.94 0.45 0.00	45.07 0.37 0.00	47.86 0.50 0.00	55.40 0.61 0.00	55.43 0.59 0.00	56.68 -0.13 0.00	52.52 -0.25 0.00	53.50 -0.98 0.00	59.42 -1.33 0.00	67.70 -0.45 0.00	54.48 0.45 0.00	55.79 0.79 0.00	53.31 0.45 0.00	50.00 0.51 0.00
NEG NORTH___LWR_SARANAC 23913	42.77 0.66 0.00	34.20 1.00 0.00	32.69 0.80 0.00	35.98 0.97 0.00	32.65 0.88 0.00	32.75 0.89 0.00	36.32 1.08 0.00	35.58 0.87 0.00	34.31 0.58 0.00	35.37 0.42 0.00	41.94 0.45 0.00	45.07 0.37 0.00	47.86 0.50 0.00	55.40 0.61 0.00	55.43 0.59 0.00	56.68 -0.13 0.00	52.52 -0.25 0.00	53.50 -0.98 0.00	59.42 -1.33 0.00	67.70 -0.45 0.00	54.48 0.45 0.00	55.79 0.79 0.00	53.31 0.45 0.00	50.00 0.51 0.00
NEG NORTH___PLATTSBURG 23628	42.77 0.66 0.00	34.20 1.00 0.00	32.69 0.80 0.00	35.98 0.97 0.00	32.65 0.88 0.00	32.75 0.89 0.00	36.32 1.08 0.00	35.58 0.87 0.00	34.31 0.58 0.00	35.37 0.42 0.00	41.95 0.45 0.00	45.07 0.37 0.00	47.86 0.50 0.00	55.40 0.61 0.00	55.43 0.59 0.00	56.68 -0.13 0.00	52.52 -0.25 0.00	53.51 -0.98 0.00	59.42 -1.33 0.00	67.70 -0.45 0.00	54.49 0.45 0.00	55.79 0.79 0.00	53.31 0.45 0.00	50.00 0.51 0.00
NEG WEST_LEA_LOCKPORT 23791	41.12 -1.00 0.00	31.68 -1.51 0.00	29.99 -1.90 0.00	33.15 -1.86 0.00	30.11 -1.66 0.00	30.33 -1.54 0.00	34.05 -1.19 0.00	33.29 -1.41 0.00	32.61 -1.12 0.00	35.31 0.35 0.00	42.56 1.07 0.00	46.19 1.50 0.00	49.02 1.65 0.00	56.79 2.00 0.00	56.17 1.33 0.00	58.39 1.58 0.00	54.20 1.43 0.00	56.47 1.98 0.00	63.18 2.43 0.00	70.23 2.08 0.00	55.18 1.14 0.00	56.06 1.06 0.00	54.10 1.24 0.00	51.34 1.86 0.00
NEG WEST___LANCASTR 23811	41.28 -0.83 0.00	31.93 -1.27 0.00	30.30 -1.59 0.00	33.44 -1.57 0.00	30.36 -1.40 0.00	30.55 -1.31 0.00	34.31 -0.94 0.00	33.62 -1.08 0.00	32.98 -0.76 0.00	35.40 0.45 0.00	42.74 1.24 0.00	46.36 1.67 0.00	49.32 1.95 0.00	57.24 2.45 0.00	56.75 1.92 0.00	59.18 2.37 0.00	55.06 2.30 0.00	57.32 2.84 0.00	64.23 3.48 0.00	71.07 2.92 0.00	55.66 1.63 0.00	56.30 1.30 0.00	54.39 1.52 0.00	51.26 1.78 0.00
NEG_PENN_ALLEGHNY 23528	42.19 0.07 0.00	33.05 -0.14 0.00	31.76 -0.17 -0.04	35.01 -0.12 -0.13	31.65 -0.12 0.00	31.76 -0.11 0.00	35.30 0.01 -0.06	34.67 -0.04 -0.01	33.79 0.05 0.00	35.19 0.24 0.00	42.11 0.62 0.00	45.43 0.73 0.00	48.42 0.94 -0.11	56.15 1.18 -0.18	56.02 1.19 0.00	58.53 1.72 0.00	54.71 1.90 -0.06	56.98 2.34 -0.15	65.78 2.87 -2.17	73.05 2.43 -2.47	56.71 1.38 -1.29	55.99 0.97 -0.01	53.92 0.99 -0.06	50.89 0.79 -0.62
NEG___GEN_MONROE 24207	42.67 0.55 0.00	33.06 -0.14 0.00	31.38 -0.51 0.00	34.55 -0.45 0.00	31.37 -0.40 0.00	31.58 -0.29 0.00	35.31 0.07 0.00	34.64 -0.07 0.00	33.77 0.04 0.00	35.97 1.02 0.00	43.18 1.69 0.00	46.84 2.15 0.00	49.61 2.24 0.00	57.62 2.83 0.00	57.37 2.53 0.00	59.80 2.98 0.00	55.66 2.89 0.00	57.99 3.51 0.00	65.03 4.29 0.00	72.48 4.33 0.00	56.97 2.93 0.00	57.64 2.64 0.00	55.32 2.46 0.00	52.10 2.61 0.00
NEPA___ENERGY 23901	41.46 -0.65 0.00	32.03 -1.16 0.00	30.47 -1.41 0.00	33.66 -1.35 0.00	30.53 -1.23 0.00	30.75 -1.12 0.00	34.58 -0.67 0.00	33.88 -0.83 0.00	33.27 -0.46 0.00	35.49 0.53 0.00	43.10 1.61 0.00	46.84 2.15 0.00	49.87 2.50 0.00	57.89 3.10 0.00	57.50 2.66 0.00	59.92 3.10 0.00	55.70 2.94 0.00	58.02 3.53 0.00	65.11 4.36 0.00	71.82 3.67 0.00	55.92 1.89 0.00	56.51 1.51 0.00	54.78 1.91 0.00	51.31 1.83 0.00

NEVERSINK___HYD 23608	43.46 1.34 0.00	34.10 0.91 0.00	32.65 0.76 0.00	35.75 0.75 0.00	32.39 0.63 0.00	32.45 0.58 0.00	35.91 0.67 0.00	35.51 0.80 0.00	34.70 0.97 0.00	35.66 0.99 0.28	43.10 1.26 -0.35	46.46 1.30 -0.47	49.20 1.38 -0.45	57.10 1.59 -0.71	56.38 1.54 0.00	57.76 0.95 0.00	54.07 1.30 0.00	56.44 1.95 0.00	62.94 2.20 0.00	69.57 1.42 0.00	54.75 0.71 0.00	56.45 1.45 0.00	54.32 1.45 0.00	50.66 1.18 0.00
NEWKRMKL_115KV_TB1 55635	42.00 -0.11 0.00	33.19 -0.01 0.00	31.98 0.09 0.00	35.04 0.04 0.00	31.82 0.05 0.00	31.94 0.07 0.00	35.16 -0.08 0.00	34.68 -0.03 0.00	33.65 -0.09 0.00	34.65 -0.30 0.00	40.50 -0.56 0.43	43.46 -0.65 0.58	46.09 -0.72 0.55	52.95 -0.96 0.88	54.08 -0.76 0.00	56.63 -0.19 0.00	52.82 0.06 0.00	54.95 0.47 0.00	61.30 0.55 0.00	68.08 -0.07 0.00	53.87 -0.17 0.00	54.33 -0.67 0.00	52.26 -0.61 0.00	48.83 -0.66 0.00
NEWTON___FALLS_HYD 23847	43.70 1.59 0.00	34.58 1.38 0.00	33.12 1.20 -0.03	36.40 1.30 -0.10	32.96 1.19 0.00	33.10 1.23 0.00	36.77 1.48 -0.04	35.90 1.19 -0.01	34.34 0.61 0.00	35.42 0.47 0.00	41.86 0.37 0.00	44.96 0.27 0.00	47.83 0.38 -0.08	55.29 0.35 -0.14	55.02 0.18 0.00	56.35 -0.46 0.00	52.48 -0.33 -0.05	-239.79 -0.83 293.44	61.96 -0.50 -1.71	70.87 0.77 -1.95	55.66 1.62 0.00	57.23 2.22 -0.01	54.99 2.08 -0.05	51.84 1.87 -0.49
NGRID_A1_DSASP 323792	40.59 -1.52 0.00	31.30 -1.89 0.00	29.65 -2.24 0.00	32.87 -2.13 0.00	29.94 -1.82 0.00	30.16 -1.71 0.00	33.86 -1.39 0.00	33.15 -1.56 0.00	32.51 -1.22 0.00	35.22 0.27 0.00	42.49 1.00 0.00	46.08 1.39 0.00	48.90 1.53 0.00	56.67 1.88 0.00	56.00 1.16 0.00	58.20 1.39 0.00	54.09 1.32 0.00	56.27 1.79 0.00	62.61 1.87 0.00	69.35 1.20 0.00	50.75 0.67 3.95	55.65 0.65 0.00	53.84 0.97 0.00	51.16 1.68 0.00
NGRID_A2_DSASP 323793	40.59 -1.52 0.00	31.30 -1.89 0.00	29.65 -2.24 0.00	32.87 -2.13 0.00	29.94 -1.82 0.00	30.16 -1.71 0.00	33.86 -1.39 0.00	33.15 -1.56 0.00	32.51 -1.22 0.00	35.22 0.27 0.00	42.49 1.00 0.00	46.08 1.39 0.00	48.90 1.53 0.00	56.67 1.88 0.00	56.00 1.16 0.00	58.20 1.39 0.00	54.09 1.32 0.00	56.27 1.79 0.00	62.61 1.87 0.00	69.35 1.20 0.00	50.75 0.67 3.95	55.65 0.65 0.00	53.84 0.97 0.00	51.16 1.68 0.00
NGRID_A4_DSASP 323807	40.59 -1.52 0.00	31.30 -1.89 0.00	29.65 -2.24 0.00	32.87 -2.13 0.00	29.94 -1.82 0.00	30.16 -1.71 0.00	33.86 -1.39 0.00	33.15 -1.56 0.00	32.51 -1.22 0.00	35.22 0.27 0.00	42.49 1.00 0.00	46.08 1.39 0.00	48.90 1.53 0.00	56.67 1.88 0.00	56.00 1.16 0.00	58.20 1.39 0.00	54.09 1.32 0.00	56.27 1.79 0.00	62.61 1.87 0.00	69.35 1.20 0.00	50.75 0.67 3.95	55.65 0.65 0.00	53.84 0.97 0.00	51.16 1.68 0.00
NIAGARA_115E_LBMP 323715	40.84 -1.27 0.00	31.49 -1.70 0.00	29.82 -2.07 0.00	32.97 -2.03 0.00	29.95 -1.82 0.00	30.16 -1.70 0.00	33.87 -1.37 0.00	33.04 -1.67 0.00	32.35 -1.38 0.00	35.07 0.12 0.00	42.24 0.75 0.00	45.80 1.11 0.00	48.64 1.27 0.00	56.32 1.53 0.00	55.67 0.83 0.00	57.87 1.06 0.00	53.76 1.00 0.00	55.96 1.47 0.00	62.58 1.84 0.00	69.50 1.35 0.00	50.82 0.64 3.86	55.64 0.64 0.00	53.65 0.79 0.00	51.05 1.56 0.00
NIAGARA_115W_LBMP 323714	40.48 -1.63 0.00	31.21 -1.98 0.00	29.57 -2.31 0.00	32.80 -2.20 0.00	29.88 -1.88 0.00	30.10 -1.77 0.00	33.79 -1.46 0.00	33.08 -1.63 0.00	32.44 -1.29 0.00	35.14 0.19 0.00	42.39 0.90 0.00	45.98 1.29 0.00	48.80 1.43 0.00	56.52 1.73 0.00	55.85 1.01 0.00	58.04 1.23 0.00	53.94 1.17 0.00	56.12 1.64 0.00	62.43 1.69 0.00	69.14 0.99 0.00	50.61 0.53 3.95	55.52 0.52 0.00	53.71 0.84 0.00	51.05 1.56 0.00
NIAGARA_230_LBMP 323716	41.00 -1.12 0.00	31.64 -1.56 0.00	29.98 -1.91 0.00	33.13 -1.87 0.00	30.11 -1.66 0.00	30.31 -1.55 0.00	34.02 -1.22 0.00	33.30 -1.40 0.00	32.64 -1.09 0.00	35.29 0.34 0.00	42.53 1.03 0.00	46.13 1.44 0.00	48.97 1.60 0.00	56.73 1.94 0.00	56.09 1.26 0.00	58.33 1.52 0.00	54.20 1.44 0.00	56.41 1.92 0.00	63.02 2.28 0.00	69.94 1.79 0.00	51.05 0.94 3.92	55.86 0.86 0.00	53.95 1.09 0.00	51.22 1.74 0.00
NIAGARA___115KV_198_GIBSON 55903	40.48 -1.63 0.00	31.22 -1.98 0.00	29.57 -2.31 0.00	32.80 -2.20 0.00	29.88 -1.88 0.00	30.10 -1.77 0.00	33.79 -1.46 0.00	33.08 -1.63 0.00	32.44 -1.29 0.00	35.14 0.19 0.00	42.39 0.90 0.00	45.97 1.28 0.00	48.79 1.42 0.00	56.52 1.73 0.00	55.85 1.01 0.00	58.05 1.24 0.00	53.94 1.17 0.00	56.12 1.63 0.00	62.45 1.70 0.00	69.15 1.00 0.00	54.57 0.54 0.00	55.52 0.52 0.00	53.70 0.83 0.00	51.04 1.56 0.00
NIAGARA____ 23760	41.00 -1.12 0.00	31.64 -1.56 0.00	29.98 -1.91 0.00	33.13 -1.87 0.00	30.11 -1.66 0.00	30.31 -1.55 0.00	34.02 -1.22 0.00	33.30 -1.40 0.00	32.64 -1.09 0.00	35.29 0.34 0.00	42.53 1.03 0.00	46.13 1.44 0.00	48.97 1.60 0.00	56.73 1.94 0.00	56.09 1.26 0.00	58.33 1.52 0.00	54.20 1.44 0.00	56.41 1.92 0.00	63.02 2.28 0.00	69.94 1.79 0.00	51.07 0.94 3.91	55.86 0.86 0.00	53.95 1.09 0.00	51.22 1.74 0.00
NINE_MILE_1 23575	40.80 -1.31 0.00	32.07 -1.13 0.00	30.20 -1.13 0.55	31.99 -1.24 1.77	30.65 -1.11 0.00	30.77 -1.10 0.00	33.29 -1.18 0.78	33.35 -1.18 0.17	32.61 -1.12 0.00	33.91 -1.04 0.00	40.37 -1.12 0.00	43.51 -1.18 0.00	44.63 -1.25 1.49	50.85 -1.39 2.55	53.45 -1.39 0.00	55.58 -1.23 0.00	50.95 -1.01 0.81	51.51 -0.80 2.18	29.04 -0.78 30.93	31.77 -1.14 35.24	52.96 -1.08 0.00	53.50 -1.29 0.20	50.69 -1.28 0.90	39.39 -1.21 8.88
NINE_MILE_2 23744	40.81 -1.31 0.00	32.07 -1.13 0.00	30.19 -1.13 0.56	31.96 -1.24 1.80	30.65 -1.11 0.00	30.77 -1.09 0.00	33.28 -1.18 0.79	33.35 -1.18 0.17	32.61 -1.12 0.00	33.91 -1.04 0.00	40.37 -1.12 0.00	43.51 -1.18 0.00	44.61 -1.25 1.51	50.81 -1.39 2.58	53.44 -1.39 0.00	55.58 -1.23 0.00	50.94 -1.01 0.82	51.47 -0.80 2.21	28.57 -0.78 31.39	31.24 -1.14 35.78	52.96 -1.08 0.00	53.50 -1.29 0.21	50.68 -1.28 0.91	39.26 -1.21 9.01
NM_CAPITAL___DRP 24208	42.06 -0.05 0.00	33.23 0.04 0.00	32.04 0.15 0.00	35.12 0.12 0.00	31.88 0.12 0.00	32.01 0.14 0.00	35.23 -0.01 0.00	34.74 0.04 0.00	33.71 -0.03 0.00	34.71 -0.24 0.00	40.50 -0.51 0.48	43.45 -0.59 0.65	46.06 -0.69 0.61	52.87 -0.94 0.98	54.10 -0.74 0.00	56.68 -0.13 0.00	52.85 0.08 0.00	54.99 0.50 0.00	61.32 0.58 0.00	68.10 -0.05 0.00	53.91 -0.13 0.00	54.37 -0.64 0.00	52.30 -0.56 0.00	48.88 -0.60 0.00
NM_CENTRAL___DRP 24181	41.70 -0.42 0.00	32.71 -0.49 0.00	31.41 -0.53 -0.05	34.60 -0.58 -0.17	31.26 -0.51 0.00	31.38 -0.49 0.00	34.85 -0.47 -0.08	34.23 -0.49 -0.02	33.29 -0.45 0.00	34.67 -0.28 0.00	41.35 -0.14 0.00	44.60 -0.09 0.00	47.43 -0.08 -0.14	55.01 -0.03 -0.25	54.83 0.00 0.00	57.18 0.36 0.00	53.37 0.53 -0.08	43.19 0.88 12.17	64.94 1.19 -3.01	72.48 0.90 -3.43	54.42 0.39 0.00	55.10 0.08 -0.02	52.96 0.01 -0.09	50.34 -0.01 -0.86

NM_FRONTIER___DRP 24179	40.48 -1.63 0.00	31.22 -1.98 0.00	29.57 -2.31 0.00	32.80 -2.20 0.00	29.88 -1.88 0.00	30.10 -1.77 0.00	33.79 -1.46 0.00	33.08 -1.63 0.00	32.44 -1.29 0.00	35.14 0.19 0.00	42.39 0.90 0.00	45.97 1.28 0.00	48.79 1.42 0.00	56.52 1.73 0.00	55.85 1.01 0.00	58.05 1.24 0.00	53.94 1.17 0.00	56.12 1.63 0.00	62.45 1.70 0.00	69.15 1.00 0.00	54.57 0.54 0.00	55.52 0.52 0.00	53.70 0.83 0.00	51.04 1.56 0.00
NM_ST_REGIS___HYD 24053	43.11 0.99 0.00	34.32 1.12 0.00	32.85 0.96 0.00	36.07 1.07 0.00	32.75 0.99 0.00	32.84 0.97 0.00	36.47 1.23 0.00	35.64 0.93 0.00	34.14 0.41 0.00	35.23 0.28 0.00	41.54 0.04 0.00	44.72 0.03 0.00	47.48 0.12 0.00	54.80 0.01 0.00	54.57 -0.27 0.00	55.39 -1.42 0.00	51.33 -1.43 0.00	-319.87 -2.70 371.66	57.70 -3.04 0.00	66.30 -1.85 0.00	53.99 -0.05 0.00	55.91 0.91 0.00	53.75 0.89 0.00	50.45 0.96 0.00
NORTHPORT___1 23551	43.63 1.51 0.00	34.44 1.25 0.00	33.23 1.34 0.00	36.58 1.58 0.00	35.23 1.34 -2.12	53.40 1.45 -20.08	36.48 1.23 0.00	35.57 0.87 0.00	34.66 0.93 0.00	36.49 0.66 -0.89	42.79 0.98 -0.32	42.99 0.77 2.47	42.95 0.74 5.15	43.03 1.06 12.82	47.76 1.71 8.79	87.03 2.45 -27.76	78.53 2.75 -23.01	57.06 2.58 0.00	63.04 2.30 0.00	67.14 0.67 1.69	51.31 -0.34 2.39	46.69 -0.67 7.64	24.48 -0.33 28.06	26.99 -0.38 22.11
NORTHPORT___2 23552	43.63 1.51 0.00	34.44 1.25 0.00	33.23 1.34 0.00	36.58 1.58 0.00	35.23 1.34 -2.12	53.40 1.45 -20.08	36.48 1.23 0.00	35.57 0.87 0.00	34.66 0.93 0.00	36.49 0.66 -0.89	42.79 0.98 -0.32	42.99 0.77 2.47	42.95 0.74 5.15	43.03 1.06 12.82	47.76 1.71 8.79	87.03 2.45 -27.76	78.53 2.75 -23.01	57.06 2.58 0.00	63.04 2.30 0.00	67.14 0.67 1.69	51.31 -0.34 2.39	46.69 -0.67 7.64	24.48 -0.33 28.06	26.99 -0.38 22.11
NORTHPORT___3 23553	43.40 1.28 0.00	34.30 1.10 0.00	33.08 1.19 0.00	36.38 1.38 0.00	35.04 1.16 -2.11	53.15 1.28 -20.00	36.28 1.04 0.00	35.37 0.66 0.00	34.45 0.71 0.00	36.33 0.50 -0.89	42.59 0.78 -0.32	42.81 0.59 2.47	42.84 0.63 5.16	42.84 0.87 12.82	47.56 1.45 8.72	86.80 2.24 -27.75	78.23 2.45 -23.01	56.79 2.31 0.00	62.72 1.98 0.01	66.91 0.45 1.69	51.20 -0.45 2.39	46.56 -0.85 7.60	24.46 -0.44 27.96	26.99 -0.50 22.00
NORTHPORT___4 23650	43.40 1.28 0.00	34.30 1.10 0.00	33.08 1.19 0.00	36.38 1.38 0.00	35.04 1.16 -2.11	53.15 1.28 -20.00	36.28 1.04 0.00	35.37 0.66 0.00	34.45 0.71 0.00	36.33 0.50 -0.89	42.59 0.78 -0.32	42.81 0.59 2.47	42.84 0.63 5.16	42.84 0.87 12.82	47.56 1.45 8.72	86.80 2.24 -27.75	78.23 2.45 -23.01	56.79 2.31 0.00	62.72 1.98 0.01	66.91 0.45 1.69	51.20 -0.45 2.39	46.56 -0.85 7.60	24.46 -0.44 27.96	26.99 -0.50 22.00
NORTHPORT___IC 23718	43.63 1.51 0.00	34.45 1.25 0.00	33.23 1.34 0.00	36.58 1.58 0.00	35.23 1.34 -2.12	53.40 1.45 -20.08	36.47 1.23 0.00	35.57 0.87 0.00	34.66 0.93 0.00	36.49 0.66 -0.89	42.82 1.01 -0.32	43.03 0.81 2.47	42.95 0.74 5.15	43.03 1.06 12.82	47.76 1.71 8.79	87.03 2.45 -27.76	78.53 2.75 -23.01	57.06 2.57 0.00	63.04 2.29 0.00	67.16 0.69 1.69	51.35 -0.30 2.39	46.70 -0.66 7.64	24.52 -0.29 28.06	27.02 -0.35 22.11
NORTH___COUNTRY_ESR 323785	42.48 0.37 0.00	33.82 0.62 0.00	32.38 0.50 0.00	35.61 0.61 0.00	32.33 0.56 0.00	32.40 0.53 0.00	35.95 0.70 0.00	35.30 0.60 0.00	34.14 0.41 0.00	35.23 0.28 0.00	41.72 0.23 0.00	44.87 0.18 0.00	47.67 0.30 0.00	55.19 0.40 0.00	55.08 0.25 0.00	56.25 -0.56 0.00	52.09 -0.68 0.00	22.04 -1.49 30.96	58.72 -2.02 0.00	66.91 -1.24 0.00	53.76 -0.28 0.00	55.25 0.25 0.00	52.83 -0.03 0.00	49.57 0.09 0.00
NPX_GEN_1385_PROXY 323591	33.13 1.18 10.16	34.12 0.92 0.00	33.01 1.12 0.00	36.42 1.42 0.00	35.08 1.19 -2.12	53.23 1.28 -20.08	36.34 1.10 0.00	34.73 0.89 0.87	33.56 0.98 1.15	29.43 0.30 5.82	41.52 0.49 0.46	39.76 0.21 5.15	42.26 0.05 5.15	40.95 0.50 14.34	47.53 1.48 8.79	87.33 2.76 -27.76	79.16 3.39 -23.01	57.20 2.71 0.00	61.96 2.78 1.56	67.56 1.09 1.69	51.64 -0.01 2.39	47.09 -0.27 7.64	24.40 -0.40 28.06	24.73 -0.70 24.06
NPX_GEN_CSC 323557	34.27 2.31 10.16	34.87 1.68 0.00	33.55 1.66 0.00	36.87 1.87 0.00	35.44 1.56 -2.11	53.47 1.61 -19.99	36.75 1.51 0.00	35.04 1.20 0.87	33.93 1.35 1.15	30.29 1.16 5.82	42.64 1.60 0.46	42.55 1.43 3.57	49.02 1.36 -0.29	55.35 1.95 1.39	79.80 2.82 -22.15	88.08 3.51 -27.76	79.49 3.72 -23.01	58.14 3.66 0.00	62.61 3.42 1.56	68.25 1.75 1.65	52.07 0.37 2.34	47.62 0.11 7.50	25.84 0.36 27.39	26.01 0.19 23.66
NSINS_S_GLNS_FALLS 23858	43.50 1.39 0.00	34.37 1.17 0.00	33.11 1.22 0.00	36.42 1.41 0.00	32.93 1.16 0.00	33.08 1.22 0.00	36.47 1.23 0.00	35.96 1.25 0.00	34.76 1.03 0.00	35.66 0.71 0.00	41.33 0.32 0.49	44.45 0.41 0.66	47.09 0.35 0.63	53.97 0.18 1.00	55.40 0.56 0.00	58.33 1.52 0.00	54.75 1.99 0.00	57.37 2.89 0.00	64.82 4.07 0.00	72.20 4.05 0.00	57.25 3.21 0.00	57.58 2.58 0.00	55.09 2.23 0.00	51.23 1.74 0.00
NUCOR_STEEL___DRP 24197	42.30 0.19 0.00	33.16 -0.04 0.00	31.87 -0.10 -0.09	35.04 -0.25 -0.28	31.64 -0.12 0.00	31.83 -0.04 0.00	35.43 0.07 -0.12	34.60 -0.13 -0.03	33.67 -0.06 0.00	34.94 -0.01 0.00	41.78 0.29 0.00	45.06 0.37 0.00	48.03 0.43 -0.23	55.98 0.79 -0.40	55.62 0.78 0.00	57.76 0.95 0.00	54.22 1.33 -0.13	48.02 1.85 8.32	68.05 2.43 -4.88	76.09 2.38 -5.57	55.34 1.31 0.00	55.96 0.93 -0.03	53.80 0.80 -0.14	51.57 0.68 -1.40
NUMBER_THREE_WT_PWR 323818	44.22 2.11 0.00	34.79 1.60 0.00	33.34 1.42 -0.04	36.66 1.55 -0.12	33.17 1.40 0.00	33.35 1.49 0.00	37.03 1.74 -0.05	36.21 1.50 -0.01	34.72 0.99 0.00	35.81 0.85 0.00	42.46 0.97 0.00	45.55 0.86 0.00	48.45 0.99 -0.10	56.15 1.19 -0.17	55.95 1.12 0.00	57.87 1.05 0.00	54.08 1.26 -0.05	-70.50 1.50 126.49	65.13 2.34 -2.05	74.03 3.55 -2.33	57.35 3.31 0.00	58.47 3.45 -0.01	56.02 3.10 -0.06	52.69 2.62 -0.59
NYISO_LBMP_REFERENCE 24008	42.12 0.00 0.00	33.20 0.00 0.00	31.89 0.00 0.00	35.00 0.00 0.00	31.76 0.00 0.00	31.87 0.00 0.00	35.24 0.00 0.00	34.71 0.00 0.00	33.73 0.00 0.00	34.95 0.00 0.00	41.49 0.00 0.00	44.69 0.00 0.00	47.37 0.00 0.00	54.79 0.00 0.00	54.84 0.00 0.00	56.81 0.00 0.00	52.76 0.00 0.00	54.49 0.00 0.00	60.75 0.00 0.00	68.15 0.00 0.00	54.04 0.00 0.00	55.00 0.00 0.00	52.86 0.00 0.00	49.48 0.00 0.00
NYPA_BRENTWD____GT 24164	44.53 2.41 0.00	35.06 1.87 0.00	33.76 1.87 0.00	37.12 2.11 0.00	35.68 1.82 -2.10	53.69 1.94 -19.89	37.07 1.83 0.00	36.23 1.53 0.00	35.35 1.62 0.00	37.27 1.43 -0.89	43.78 1.96 -0.33	45.69 1.88 0.88	49.51 1.97 -0.17	57.21 2.52 0.10	81.24 3.12 -23.29	88.06 3.49 -27.76	79.73 3.95 -23.01	58.43 3.95 0.00	64.53 3.79 0.00	68.83 2.28 1.60	52.68 0.92 2.27	48.37 0.69 7.33	27.24 0.95 26.57	29.02 0.75 21.21

NYPA_GOWANUS____GT5 24156	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.92 2.09 0.00	59.98 3.17 0.00	55.85 3.09 0.00	57.95 3.46 0.00	64.11 3.37 0.00	70.45 2.30 0.00	55.28 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NYPA_GOWANUS____GT6 24157	44.19 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.26 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.55 0.00	35.58 1.84 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.65 2.20 -0.76	50.07 1.99 -0.71	58.06 2.13 -1.14	56.92 2.09 0.00	59.98 3.17 0.00	55.85 3.09 0.00	57.95 3.46 0.00	64.11 3.37 0.00	70.45 2.30 0.00	55.28 1.25 0.00	55.69 0.69 0.00	53.97 1.10 0.00	50.83 1.34 0.00
NYPA_HARLEM__RVR__GT1 24160	44.02 1.90 0.00	34.60 1.41 0.00	33.02 1.13 0.00	36.14 1.14 0.00	32.81 1.05 0.00	32.92 1.05 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.42 1.68 0.00	37.54 1.70 -0.89	44.01 1.96 -0.56	47.36 1.91 -0.76	49.85 1.77 -0.71	57.70 1.77 -1.14	56.64 1.81 0.01	59.67 2.87 0.01	55.54 2.79 0.01	57.69 3.21 0.01	63.84 3.11 0.02	70.17 2.04 0.02	55.04 1.01 0.01	55.52 0.51 -0.01	54.04 1.17 0.00	50.67 1.19 0.00
NYPA_HARLEM__RVR__GT2 24161	44.02 1.90 0.00	34.60 1.41 0.00	33.02 1.13 0.00	36.14 1.14 0.00	32.81 1.05 0.00	32.92 1.05 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.42 1.68 0.00	37.54 1.70 -0.89	44.01 1.96 -0.56	47.36 1.91 -0.76	49.85 1.77 -0.71	57.70 1.77 -1.14	56.64 1.81 0.01	59.67 2.87 0.01	55.54 2.79 0.01	57.69 3.21 0.01	63.84 3.11 0.02	70.17 2.04 0.02	55.04 1.01 0.01	55.52 0.51 -0.01	54.04 1.17 0.00	50.67 1.19 0.00
NYPA_KENT____GT 24152	44.11 2.00 0.00	34.69 1.49 0.00	33.12 1.23 0.00	36.24 1.23 0.00	32.87 1.11 0.00	32.99 1.12 0.00	36.56 1.32 0.00	36.23 1.53 0.00	35.57 1.83 0.00	37.71 1.87 -0.89	44.30 2.25 -0.56	47.57 2.13 -0.76	50.04 1.95 -0.71	57.97 2.04 -1.14	56.87 2.04 0.00	59.92 3.10 0.00	55.77 3.00 0.00	57.88 3.40 0.00	64.03 3.28 0.00	70.33 2.18 0.00	55.16 1.13 0.00	55.51 0.62 0.11	53.97 1.11 0.00	50.78 1.29 0.00
NYPA_POUCH1____GT 24155	44.09 1.98 0.00	34.68 1.49 0.00	33.09 1.20 0.00	36.21 1.20 0.00	32.85 1.09 0.00	32.96 1.09 0.00	36.54 1.29 0.00	36.18 1.48 0.00	35.50 1.77 0.00	37.65 1.80 -0.89	44.25 2.21 -0.56	47.51 2.07 -0.76	49.86 1.78 -0.71	57.81 1.89 -1.14	56.77 1.93 0.00	59.86 3.05 0.00	55.74 2.98 0.00	57.83 3.35 0.00	63.99 3.24 0.00	70.31 2.16 0.00	55.18 1.14 0.00	55.52 0.52 0.00	53.79 0.92 0.00	50.70 1.22 0.00
NYPA_VERNON____GT2 24162	44.04 1.92 0.00	34.65 1.45 0.00	33.09 1.20 0.00	36.20 1.20 0.00	32.85 1.09 0.00	32.97 1.10 0.00	36.53 1.29 0.00	36.21 1.51 0.00	35.55 1.82 0.00	37.69 1.85 -0.89	44.25 2.21 -0.56	47.50 2.06 -0.76	50.00 1.92 -0.71	57.90 1.97 -1.14	56.85 2.01 0.00	59.86 3.05 0.00	55.74 2.97 0.00	57.84 3.35 0.00	63.97 3.23 0.00	70.25 2.10 0.00	55.10 1.07 0.00	55.34 0.56 0.23	53.96 1.09 0.00	50.72 1.24 0.00
NYPA_VERNON____GT3 24163	44.04 1.92 0.00	34.65 1.45 0.00	33.09 1.20 0.00	36.20 1.20 0.00	32.85 1.09 0.00	32.97 1.10 0.00	36.53 1.29 0.00	36.21 1.51 0.00	35.55 1.82 0.00	37.69 1.85 -0.89	44.25 2.21 -0.56	47.50 2.06 -0.76	50.00 1.92 -0.71	57.90 1.97 -1.14	56.85 2.01 0.00	59.86 3.05 0.00	55.74 2.97 0.00	57.84 3.35 0.00	63.97 3.23 0.00	70.25 2.10 0.00	55.10 1.07 0.00	55.34 0.56 0.23	53.96 1.09 0.00	50.72 1.24 0.00
NYPA____ASTORIA_CC1 323568	43.96 1.85 0.00	34.60 1.40 0.00	33.03 1.14 0.00	36.14 1.14 0.00	32.80 1.04 0.00	32.91 1.05 0.00	36.46 1.22 0.00	36.15 1.45 0.00	35.49 1.76 0.00	37.63 1.79 -0.89	44.16 2.11 -0.56	47.41 1.96 -0.76	49.88 1.80 -0.71	57.75 1.82 -1.14	56.70 1.86 0.00	59.74 2.93 0.00	55.63 2.87 0.00	57.73 3.24 0.00	63.85 3.11 0.00	70.11 1.97 0.00	54.99 0.95 0.00	55.17 0.45 0.27	53.87 1.01 0.00	50.61 1.13 0.00
NYPA____ASTORIA_CC2 323569	43.96 1.85 0.00	34.60 1.40 0.00	33.03 1.14 0.00	36.14 1.14 0.00	32.80 1.04 0.00	32.91 1.05 0.00	36.46 1.22 0.00	36.15 1.45 0.00	35.49 1.76 0.00	37.63 1.79 -0.89	44.16 2.11 -0.56	47.41 1.96 -0.76	49.88 1.80 -0.71	57.75 1.82 -1.14	56.70 1.86 0.00	59.74 2.93 0.00	55.63 2.87 0.00	57.73 3.24 0.00	63.85 3.11 0.00	70.11 1.97 0.00	54.99 0.95 0.00	55.17 0.45 0.27	53.87 1.01 0.00	50.61 1.13 0.00
NYPA____HOLTSVILL 23794	44.30 2.19 0.00	34.87 1.67 0.00	33.56 1.67 0.00	36.89 1.89 0.00	35.48 1.60 -2.11	53.55 1.68 -20.00	36.83 1.58 0.00	35.97 1.26 0.00	35.11 1.38 0.00	37.03 1.20 -0.89	43.46 1.65 -0.32	45.30 1.50 0.89	49.12 1.44 -0.31	56.91 1.92 -0.19	79.74 2.64 -22.26	87.91 3.33 -27.76	79.32 3.54 -23.01	57.93 3.45 0.00	63.92 3.18 0.00	68.08 1.58 1.65	52.04 0.34 2.34	47.55 0.06 7.51	25.79 0.38 27.45	28.00 0.25 21.74
NYPA____HELLGATE_GT1 24158	44.02 1.90 0.00	34.60 1.41 0.00	33.02 1.13 0.00	36.14 1.14 0.00	32.81 1.05 0.00	32.92 1.05 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.42 1.68 0.00	37.54 1.70 -0.89	44.01 1.96 -0.56	47.36 1.91 -0.76	49.85 1.77 -0.71	57.70 1.77 -1.14	56.64 1.81 0.01	59.68 2.87 0.00	55.55 2.79 0.00	57.69 3.21 0.00	63.85 3.11 0.00	70.19 2.04 -0.01	55.05 1.01 -0.01	55.52 0.52 -0.01	54.04 1.17 0.00	50.67 1.19 0.00
NYPA____HELLGATE_GT2 24159	44.02 1.90 0.00	34.60 1.41 0.00	33.02 1.13 0.00	36.14 1.14 0.00	32.81 1.05 0.00	32.92 1.05 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.42 1.68 0.00	37.54 1.70 -0.89	44.01 1.96 -0.56	47.36 1.91 -0.76	49.85 1.77 -0.71	57.70 1.77 -1.14	56.64 1.81 0.01	59.68 2.87 0.00	55.55 2.79 0.00	57.69 3.21 0.00	63.85 3.11 0.00	70.19 2.04 -0.01	55.05 1.01 -0.01	55.52 0.52 -0.01	54.04 1.17 0.00	50.67 1.19 0.00
NYS_BARGE____HYD 23848	41.28 -0.83 0.00	31.81 -1.39 0.00	30.11 -1.78 0.00	33.28 -1.72 0.00	30.22 -1.54 0.00	30.45 -1.42 0.00	34.20 -1.05 0.00	33.41 -1.30 0.00	32.71 -1.02 0.00	35.41 0.46 0.00	42.67 1.18 0.00	46.31 1.62 0.00	49.16 1.80 0.00	56.95 2.16 0.00	56.35 1.51 0.00	58.61 1.80 0.00	54.44 1.68 0.00	56.70 2.22 0.00	63.44 2.70 0.00	70.51 2.36 0.00	51.90 1.40 3.54	56.33 1.33 0.00	54.33 1.46 0.00	51.56 2.08 0.00
OAK ORCHARD____HYD 24046	42.30 0.19 0.00	32.85 -0.35 0.00	31.25 -0.64 0.00	34.39 -0.61 0.00	31.23 -0.54 0.00	31.43 -0.44 0.00	35.09 -0.14 0.00	34.45 -0.26 0.00	33.63 -0.10 0.00	35.77 0.82 0.00	42.95 1.45 0.00	46.57 1.88 0.00	49.31 1.94 0.00	57.25 2.46 0.00	57.01 2.17 0.00	59.40 2.59 0.00	55.30 2.54 0.00	57.56 3.08 0.00	64.43 3.69 0.00	71.68 3.53 0.00	54.41 2.25 1.88	56.99 1.99 0.00	54.73 1.86 0.00	51.47 1.99 0.00

OAKDALE___35_KV_LOAD 356122	41.96 -0.16 0.00	32.89 -0.31 0.00	31.61 -0.31 -0.04	34.85 -0.27 -0.12	31.51 -0.25 0.00	31.61 -0.26 0.00	35.13 -0.17 -0.05	34.50 -0.22 -0.01	33.62 -0.11 0.00	35.02 0.07 0.00	41.89 0.40 0.00	45.18 0.49 0.00	48.12 0.65 -0.10	55.79 0.82 -0.18	55.65 0.82 0.00	58.10 1.29 0.00	54.29 1.47 -0.05	56.51 1.87 -0.15	65.20 2.35 -2.11	72.42 1.86 -2.41	55.00 0.97 0.00	55.60 0.59 -0.01	53.58 0.65 -0.06	50.58 0.49 -0.61
OCC_CHEM___DRP 24175	40.59 -1.52 0.00	31.30 -1.89 0.00	29.65 -2.24 0.00	32.87 -2.13 0.00	29.94 -1.82 0.00	30.16 -1.71 0.00	33.86 -1.39 0.00	33.15 -1.56 0.00	32.51 -1.22 0.00	35.22 0.27 0.00	42.49 1.00 0.00	46.09 1.40 0.00	48.91 1.54 0.00	56.67 1.88 0.00	55.99 1.16 0.00	58.20 1.39 0.00	54.08 1.32 0.00	56.27 1.78 0.00	62.62 1.87 0.00	69.37 1.22 0.00	54.71 0.67 0.00	55.65 0.65 0.00	53.83 0.96 0.00	51.17 1.69 0.00
OH_GEN_PROXY 24063	30.84 -1.12 10.16	31.65 -1.54 0.00	29.99 -1.89 0.00	33.14 -1.86 0.00	30.11 -1.65 0.00	30.32 -1.55 0.00	34.04 -1.20 0.00	32.45 -1.38 0.87	6.06 -1.06 26.61	28.58 0.34 6.71	41.75 1.03 0.78	43.45 1.43 2.68	48.97 1.61 0.00	55.22 1.96 1.53	19.18 1.31 36.96	26.50 1.57 31.89	54.29 1.53 0.00	56.49 2.00 0.00	61.58 2.39 1.56	70.06 1.91 0.00	50.80 0.99 4.22	55.89 0.89 0.00	53.95 1.09 0.00	49.20 1.67 1.95
OLIN_CORP_DRP 24177	40.91 -1.20 0.00	31.55 -1.65 0.00	29.88 -2.01 0.00	33.03 -1.97 0.00	30.00 -1.77 0.00	30.22 -1.65 0.00	33.92 -1.32 0.00	33.11 -1.60 0.00	32.42 -1.31 0.00	35.13 0.18 0.00	42.33 0.84 0.00	45.91 1.22 0.00	48.75 1.38 0.00	56.45 1.67 0.00	55.81 0.98 0.00	58.02 1.21 0.00	53.90 1.14 0.00	56.12 1.63 0.00	62.76 2.01 0.00	69.69 1.54 0.00	54.80 0.77 0.00	55.75 0.76 0.00	53.76 0.90 0.00	51.14 1.66 0.00
OLIN_CORP_DSASP 323712	40.59 -1.52 0.00	31.30 -1.89 0.00	29.65 -2.24 0.00	32.87 -2.13 0.00	29.94 -1.82 0.00	30.16 -1.71 0.00	33.86 -1.39 0.00	33.15 -1.56 0.00	32.51 -1.22 0.00	35.22 0.27 0.00	42.49 1.00 0.00	46.08 1.39 0.00	48.90 1.53 0.00	56.67 1.88 0.00	56.00 1.16 0.00	58.20 1.39 0.00	54.09 1.32 0.00	56.27 1.79 0.00	62.61 1.87 0.00	69.35 1.20 0.00	50.75 0.67 3.95	55.65 0.65 0.00	53.84 0.97 0.00	51.16 1.68 0.00
ONEIDA_HERK_LFGE 323681	43.61 1.49 0.00	34.29 1.09 0.00	32.90 0.99 -0.02	36.16 1.09 -0.06	32.75 0.99 0.00	32.92 1.05 0.00	36.48 1.21 -0.03	35.79 1.08 -0.01	34.53 0.80 0.00	35.68 0.73 0.00	42.37 0.87 0.00	45.55 0.86 0.00	48.38 0.96 -0.06	56.07 1.19 -0.09	56.00 1.17 0.00	58.15 1.33 0.00	54.28 1.49 -0.03	-1.09 1.86 57.44	64.42 3.23 -1.14	72.68 2.54 -1.30	56.66 2.62 0.00	57.54 2.53 -0.01	55.16 2.26 -0.03	51.67 1.87 -0.33
ONEIDA___115KV_TB4 55905	43.33 1.22 0.00	34.03 0.83 0.00	32.66 0.74 -0.03	35.94 0.85 -0.09	32.53 0.76 0.00	32.70 0.83 0.00	36.24 0.96 -0.04	35.55 0.83 -0.01	34.37 0.63 0.00	35.54 0.59 0.00	42.27 0.78 0.00	45.56 0.87 0.00	48.42 0.98 -0.08	56.17 1.24 -0.13	56.13 1.29 0.00	58.47 1.66 0.00	54.62 1.82 -0.04	32.84 2.31 23.95	65.43 3.05 -1.64	73.49 3.48 -1.87	56.64 2.60 0.00	57.30 2.29 -0.01	54.96 2.05 -0.05	51.63 1.68 -0.47
ONONDAGA_REF_OCCRA 23987	41.96 -0.16 0.00	32.92 -0.28 0.00	31.62 -0.33 -0.06	34.86 -0.35 -0.21	31.46 -0.31 0.00	31.59 -0.28 0.00	35.09 -0.24 -0.09	34.46 -0.27 -0.02	33.48 -0.25 0.00	34.84 -0.11 0.00	41.53 0.04 0.00	44.81 0.12 0.00	47.71 0.17 -0.17	55.36 0.28 -0.30	55.15 0.31 0.00	57.52 0.71 0.00	53.72 0.87 -0.09	45.20 1.26 10.54	66.01 1.68 -3.59	73.71 1.46 -4.09	54.86 0.83 0.00	55.53 0.50 -0.02	53.37 0.40 -0.10	50.83 0.31 -1.03
ONONDAGA___COGEN 23986	41.82 -0.30 0.00	32.88 -0.32 0.00	31.63 -0.36 -0.10	34.90 -0.42 -0.31	31.42 -0.35 0.00	31.55 -0.32 0.00	35.09 -0.29 -0.14	34.40 -0.33 -0.03	33.43 -0.30 0.00	34.78 -0.17 0.00	41.47 -0.02 0.00	44.73 0.04 0.00	47.71 0.08 -0.26	55.45 0.21 -0.45	55.08 0.25 0.00	57.40 0.59 0.00	53.67 0.76 -0.14	45.76 1.16 9.89	67.72 1.53 -5.44	75.68 1.33 -6.20	54.73 0.70 0.00	55.40 0.37 -0.04	53.29 0.26 -0.16	51.25 0.20 -1.56
ONTARIO___LFGE 23819	42.33 0.22 0.00	33.04 -0.15 0.00	31.62 -0.30 -0.04	34.85 -0.26 -0.11	31.56 -0.21 0.00	31.70 -0.17 0.00	35.35 0.06 -0.05	34.69 -0.03 -0.01	33.71 -0.02 0.00	35.20 0.25 0.00	42.14 0.65 0.00	45.36 0.66 0.00	48.38 0.92 -0.09	56.32 1.37 -0.16	56.19 1.35 0.00	58.68 1.87 0.00	55.07 2.26 -0.05	57.54 2.92 -0.14	66.58 3.90 -1.94	74.19 3.84 -2.21	56.38 2.34 0.00	56.82 1.81 -0.01	54.59 1.67 -0.06	51.54 1.51 -0.56
ORANGEVILLE_WT_PWR 323706	40.92 -1.20 0.00	31.85 -1.35 0.00	30.57 -1.35 -0.03	33.84 -1.26 -0.10	30.77 -1.00 0.00	30.75 -1.11 0.00	34.22 -1.07 -0.04	33.38 -1.33 -0.01	31.92 -1.53 0.28	-3.49 -1.65 36.79	-10.27 -1.50 50.27	7.91 -1.55 35.23	45.44 -1.08 0.85	54.09 -0.83 -0.14	53.83 -1.01 0.00	56.80 -0.01 0.00	54.67 1.91 0.00	56.95 2.47 0.00	63.98 3.24 0.00	71.08 2.93 0.00	54.15 1.59 1.47	56.14 1.14 0.00	54.23 1.36 0.00	51.21 1.73 0.00
ORANGEVILLE___ESR 323794	40.92 -1.20 0.00	31.85 -1.35 0.00	30.57 -1.35 -0.03	33.84 -1.26 -0.10	30.77 -1.00 0.00	30.75 -1.11 0.00	34.22 -1.07 -0.04	33.38 -1.33 -0.01	31.92 -1.53 0.28	-3.49 -1.65 36.79	-10.27 -1.50 50.27	7.91 -1.55 35.23	45.44 -1.08 0.85	54.09 -0.83 -0.14	53.83 -1.01 0.00	56.80 -0.01 0.00	54.67 1.91 0.00	56.95 2.47 0.00	63.98 3.24 0.00	71.08 2.93 0.00	54.15 1.59 1.47	56.14 1.14 0.00	54.23 1.36 0.00	51.21 1.73 0.00
OSWEGATCHIE___HYD 24044	43.70 1.59 0.00	34.58 1.38 0.00	33.12 1.20 -0.03	36.40 1.30 -0.10	32.96 1.19 0.00	33.10 1.23 0.00	36.77 1.48 -0.04	35.90 1.18 -0.01	34.34 0.61 0.00	35.42 0.47 0.00	41.86 0.37 0.00	44.96 0.27 0.00	47.83 0.38 -0.08	55.29 0.36 -0.14	55.02 0.18 0.00	56.35 -0.46 0.00	52.48 -0.33 -0.05	-239.79 -0.83 293.44	61.96 -0.50 -1.71	70.87 0.77 -1.95	55.66 1.62 0.00	57.24 2.22 -0.01	54.99 2.08 -0.05	51.84 1.86 -0.49
OSWEGO___5 23606	41.14 -0.98 0.00	32.32 -0.87 0.00	31.41 -0.89 -0.41	35.35 -0.98 -1.32	30.90 -0.86 0.00	31.01 -0.85 0.00	34.92 -0.90 -0.58	33.92 -0.91 -0.13	32.87 -0.87 0.00	34.19 -0.76 0.00	40.70 -0.79 0.00	43.88 -0.82 0.00	47.61 -0.86 -1.11	55.74 -0.94 -1.90	53.90 -0.93 0.00	56.07 -0.75 0.00	52.82 -0.55 -0.60	55.80 -0.31 -1.63	83.59 -0.20 -23.05	93.90 -0.52 -26.27	53.43 -0.61 0.00	54.32 -0.84 -0.15	52.70 -0.84 -0.67	55.32 -0.78 -6.62
OSWEGO___6 23613	41.14 -0.98 0.00	32.32 -0.87 0.00	31.41 -0.89 -0.41	35.35 -0.98 -1.32	30.90 -0.86 0.00	31.01 -0.85 0.00	34.92 -0.90 -0.58	33.92 -0.91 -0.13	32.87 -0.87 0.00	34.19 -0.76 0.00	40.70 -0.79 0.00	43.88 -0.82 0.00	47.61 -0.86 -1.11	55.74 -0.94 -1.90	53.90 -0.93 0.00	56.07 -0.75 0.00	52.82 -0.55 -0.60	55.80 -0.31 -1.63	83.59 -0.20 -23.05	93.90 -0.52 -26.27	53.43 -0.61 0.00	54.32 -0.84 -0.15	52.70 -0.84 -0.67	55.32 -0.78 -6.62

OUTOKUMPU-AB___DRP 24206	41.66 -0.45 0.00	32.09 -1.11 0.00	30.37 -1.52 0.00	33.60 -1.41 0.00	30.54 -1.22 0.00	30.76 -1.10 0.00	34.56 -0.68 0.00	33.84 -0.87 0.00	33.19 -0.54 0.00	35.93 0.97 0.00	43.41 1.91 0.00	47.12 2.43 0.00	50.03 2.66 0.00	57.97 3.18 0.00	57.40 2.56 0.00	59.69 2.88 0.00	55.50 2.74 0.00	57.77 3.28 0.00	64.50 3.76 0.00	71.50 3.36 0.00	56.16 2.12 0.00	56.98 1.98 0.00	55.08 2.21 0.00	52.25 2.77 0.00
OXBOW___BTM 323836	41.12 -0.99 0.00	31.69 -1.50 0.00	30.00 -1.89 0.00	33.22 -1.78 0.00	30.23 -1.53 0.00	30.45 -1.42 0.00	34.19 -1.05 0.00	33.49 -1.22 0.00	32.84 -0.89 0.00	35.58 0.63 0.00	42.97 1.47 0.00	46.64 1.95 0.00	49.52 2.15 0.00	57.39 2.60 0.00	56.79 1.95 0.00	59.04 2.23 0.00	54.90 2.13 0.00	57.13 2.64 0.00	63.67 2.92 0.00	70.53 2.38 3.96	51.55 1.48 0.00	56.38 1.38 0.00	54.51 1.64 0.00	51.76 2.28 0.00
OXBOW___ 24026	41.13 -0.99 0.00	31.69 -1.50 0.00	30.00 -1.89 0.00	33.22 -1.78 0.00	30.23 -1.54 0.00	30.45 -1.42 0.00	34.19 -1.05 0.00	33.49 -1.22 0.00	32.84 -0.89 0.00	35.58 0.63 0.00	42.97 1.47 0.00	46.63 1.94 0.00	49.52 2.15 0.00	57.39 2.60 0.00	56.79 1.95 0.00	59.04 2.23 0.00	54.90 2.13 0.00	57.13 2.64 0.00	63.68 2.94 0.00	70.53 2.39 0.00	55.51 1.47 0.00	56.38 1.38 0.00	54.51 1.64 0.00	51.76 2.28 0.00
OXY_CHEM_DSASP 323612	40.59 -1.52 0.00	31.30 -1.89 0.00	29.65 -2.24 0.00	32.87 -2.13 0.00	29.94 -1.82 0.00	30.16 -1.71 0.00	33.86 -1.39 0.00	33.15 -1.56 0.00	32.51 -1.22 0.00	35.22 0.27 0.00	42.49 1.00 0.00	46.09 1.40 0.00	48.91 1.54 0.00	56.67 1.88 0.00	55.99 1.16 0.00	58.20 1.39 0.00	54.08 1.32 0.00	56.27 1.78 0.00	62.62 1.87 0.00	69.37 1.22 0.00	54.71 0.67 0.00	55.65 0.65 0.00	53.83 0.96 0.00	51.17 1.69 0.00
OZONE_PARK_ESR 323760	44.58 2.47 0.00	35.04 1.85 0.00	33.49 1.60 0.00	36.62 1.62 0.00	33.19 1.42 0.00	33.30 1.44 0.00	36.92 1.68 0.00	36.57 1.87 0.00	35.87 2.13 0.00	38.09 2.24 -0.89	44.79 2.74 -0.56	48.17 2.73 -0.76	50.82 2.74 -0.71	58.88 2.95 -1.14	57.94 3.11 0.00	61.01 4.20 0.00	56.81 4.05 0.00	58.97 4.49 0.00	65.27 4.53 0.00	71.74 3.59 0.00	56.23 2.19 0.00	56.65 1.65 0.00	54.83 1.97 0.00	51.45 1.97 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.59 -1.52 0.00	31.30 -1.89 0.00	29.65 -2.24 0.00	32.87 -2.13 0.00	29.94 -1.82 0.00	30.16 -1.71 0.00	33.86 -1.39 0.00	33.15 -1.56 0.00	32.51 -1.22 0.00	35.22 0.27 0.00	42.49 1.00 0.00	46.09 1.40 0.00	48.91 1.54 0.00	56.67 1.88 0.00	55.99 1.16 0.00	58.20 1.39 0.00	54.08 1.32 0.00	56.27 1.78 0.00	62.62 1.87 0.00	69.37 1.22 0.00	54.71 0.67 0.00	55.65 0.65 0.00	53.83 0.96 0.00	51.17 1.69 0.00
PACKARD___115KV_DUPONT_184 80571	40.59 -1.52 0.00	31.30 -1.89 0.00	29.65 -2.24 0.00	32.87 -2.13 0.00	29.94 -1.82 0.00	30.16 -1.71 0.00	33.86 -1.39 0.00	33.15 -1.56 0.00	32.51 -1.22 0.00	35.22 0.27 0.00	42.49 1.00 0.00	46.09 1.40 0.00	48.91 1.54 0.00	56.67 1.88 0.00	55.99 1.16 0.00	58.20 1.39 0.00	54.08 1.32 0.00	56.27 1.78 0.00	62.62 1.87 0.00	69.37 1.22 0.00	54.71 0.67 0.00	55.65 0.65 0.00	53.83 0.96 0.00	51.17 1.69 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.98 1.87 0.00	34.57 1.37 0.00	32.99 1.10 0.00	36.12 1.12 0.00	32.79 1.02 0.00	32.91 1.04 0.00	36.43 1.19 0.00	36.10 1.40 0.00	35.44 1.71 0.00	37.56 1.72 -0.89	44.07 2.02 -0.56	47.42 1.98 -0.76	49.93 1.85 -0.71	57.84 1.91 -1.14	56.83 2.00 0.00	59.91 3.10 0.00	55.76 3.00 0.00	57.88 3.40 0.00	64.08 3.34 0.00	70.45 2.30 0.00	55.26 1.22 0.00	55.71 0.71 0.00	54.11 1.24 0.00	50.64 1.16 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.48 3.37 0.00	35.74 2.55 0.00	34.11 2.22 0.00	37.36 2.35 0.00	33.92 2.16 0.00	34.09 2.22 0.00	37.81 2.57 0.00	37.38 2.67 0.00	36.67 2.94 0.00	38.83 2.99 -0.89	45.55 3.50 -0.56	49.00 3.56 -0.76	51.63 3.55 -0.71	59.74 3.82 -1.14	58.73 3.89 0.00	61.87 5.05 0.00	57.64 4.87 0.00	59.88 5.40 0.00	66.20 5.45 0.00	72.77 4.62 0.00	57.17 3.13 0.00	57.64 2.64 0.00	56.04 3.18 0.00	52.37 2.88 0.00
PATROON___115KV_TB1 80586	42.16 0.05 0.00	33.30 0.11 0.00	32.09 0.20 0.00	35.16 0.16 0.00	31.93 0.16 0.00	32.05 0.18 0.00	35.28 0.03 0.00	34.81 0.10 0.00	33.76 0.03 0.00	34.79 -0.16 0.00	40.66 -0.39 0.45	43.63 -0.46 0.60	46.29 -0.51 0.57	53.17 -0.71 0.91	54.32 -0.52 0.00	56.90 0.09 0.00	53.08 0.31 0.00	55.22 0.74 0.00	61.60 0.86 0.00	68.39 0.24 0.00	54.12 0.08 0.00	54.58 -0.42 0.00	52.48 -0.39 0.00	49.03 -0.46 0.00
PATTRSNVILLE___SOLAR 323815	43.25 1.14 0.00	34.04 0.84 0.00	32.73 0.84 0.00	35.92 0.92 0.00	32.56 0.80 0.00	32.67 0.80 0.00	36.08 0.84 0.00	35.40 0.69 0.00	34.11 0.38 0.00	35.12 0.17 0.00	41.19 0.06 0.36	44.25 0.05 0.49	46.97 0.07 0.46	54.06 0.01 0.74	54.92 0.09 0.00	57.27 0.45 0.00	53.45 0.69 0.00	55.74 1.26 0.00	62.68 1.93 0.00	70.42 2.27 0.00	55.88 1.84 0.00	56.52 1.52 0.00	54.29 1.43 0.00	50.71 1.23 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.65 -0.47 0.00	32.16 -1.04 0.00	30.48 -1.41 0.00	33.64 -1.36 0.00	30.55 -1.21 0.00	30.76 -1.11 0.00	34.55 -0.70 0.00	33.85 -0.85 0.00	33.21 -0.52 0.00	35.76 0.81 0.00	43.21 1.71 0.00	46.92 2.23 0.00	49.94 2.57 0.00	57.99 3.20 0.00	57.50 2.66 0.00	59.96 3.15 0.00	55.79 3.03 0.00	58.08 3.59 0.00	65.04 4.29 0.00	72.00 3.85 0.00	56.37 2.33 0.00	57.00 2.00 0.00	54.99 2.13 0.00	51.85 2.36 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	44.10 1.98 0.00	34.64 1.44 0.00	33.17 1.28 0.00	36.33 1.33 0.00	32.91 1.15 0.00	33.00 1.13 0.00	36.54 1.30 0.00	36.16 1.45 0.00	35.37 1.64 0.00	36.94 1.70 -0.28	44.10 2.12 -0.49	47.54 2.18 -0.67	50.27 2.27 -0.63	58.35 2.55 -1.01	57.62 2.79 0.00	60.64 3.83 0.00	56.58 3.81 0.00	58.80 4.31 0.00	65.26 4.52 0.00	71.88 3.73 0.00	56.35 2.32 0.00	56.70 1.70 0.00	54.69 1.82 0.00	51.08 1.60 0.00
PEEKSKILL___ 23653	43.60 1.48 0.00	34.28 1.08 0.00	32.82 0.93 0.00	35.95 0.94 0.00	32.58 0.81 0.00	32.66 0.79 0.00	36.17 0.93 0.00	35.78 1.08 0.00	35.01 1.28 0.00	37.32 1.32 -1.05	43.68 1.65 -0.55	47.08 1.65 -0.74	49.74 1.67 -0.70	57.67 1.77 -1.12	56.72 1.89 0.00	59.66 2.85 0.00	55.60 2.84 0.00	57.77 3.28 0.00	64.08 3.34 0.00	70.62 2.47 0.00	55.36 1.33 0.00	55.74 0.74 0.00	53.85 0.98 0.00	50.43 0.95 0.00
PGE MADISON___WINDPWR 24146	44.41 2.30 0.00	35.04 1.85 0.00	33.70 1.77 -0.04	37.25 2.12 -0.13	33.73 1.97 0.00	33.88 2.01 0.00	37.63 2.33 -0.06	36.77 2.05 -0.01	35.61 1.88 0.00	36.98 2.03 0.00	44.12 2.63 0.00	47.50 2.81 0.00	50.62 3.14 -0.11	58.77 3.79 -0.19	58.65 3.81 0.00	61.37 4.55 0.00	57.61 4.79 -0.06	60.53 5.88 -0.16	70.45 7.45 -2.26	78.87 8.15 -2.57	61.14 5.92 -1.19	60.29 5.28 -0.02	57.75 4.82 -0.06	54.31 4.18 -0.65

PIERCEFIELD___HYD 23852	43.08 0.97 0.00	34.30 1.10 0.00	32.85 0.94 -0.02	36.10 1.05 -0.05	32.73 0.96 0.00	32.81 0.94 0.00	36.46 1.19 -0.02	35.57 0.86 0.00	34.01 0.28 0.00	35.10 0.14 0.00	41.34 -0.15 0.00	44.50 -0.19 0.00	47.31 -0.10 -0.04	54.55 -0.31 -0.07	54.25 -0.59 0.00	54.99 -1.82 0.00	50.97 -1.81 -0.02	-382.40 -3.20 433.69	58.08 -3.54 -0.88	66.83 -2.32 -1.00	53.74 -0.30 0.00	55.74 0.73 -0.01	53.73 0.84 -0.03	50.68 0.94 -0.25
PINELAWN_CC_1 323563	44.35 2.24 0.00	34.88 1.69 0.00	33.56 1.67 0.00	36.84 1.84 0.00	35.40 1.58 -2.04	52.94 1.73 -19.35	36.87 1.63 0.00	36.09 1.38 0.00	35.24 1.51 0.00	36.98 1.15 -0.89	43.31 1.46 -0.36	45.46 1.34 0.58	49.25 1.38 -0.50	57.03 1.60 -0.65	80.45 2.25 -23.36	87.58 3.01 -27.76	79.02 3.24 -23.01	57.65 3.17 0.00	63.67 2.93 0.00	68.26 1.49 1.38	52.37 0.29 1.96	48.50 -0.03 6.47	30.83 0.43 22.47	31.11 0.36 18.74
PJM_GEN_HTTP_PROXY 323702	30.07 1.82 13.86	34.56 1.36 0.00	33.05 1.16 0.00	36.16 1.15 0.00	32.78 1.02 0.00	32.89 1.02 0.00	36.44 1.20 0.00	36.10 1.39 0.00	35.39 1.66 0.00	37.58 1.74 -0.90	44.19 2.14 -0.56	47.97 2.05 -1.23	50.12 2.03 -0.71	58.06 2.13 -1.14	57.08 2.25 0.00	60.09 3.28 0.00	55.96 3.20 0.00	58.09 3.61 0.00	64.32 3.57 0.00	70.72 2.57 0.00	51.92 1.34 3.45	55.80 0.80 0.00	54.00 1.14 0.00	49.28 1.22 1.42
PJM_GEN_KEystone 24065	27.67 0.02 14.46	31.97 -0.27 0.95	26.78 -0.44 4.67	26.88 -0.43 7.69	31.36 -0.40 0.00	31.48 -0.39 0.00	35.82 -0.17 -0.75	34.56 -0.15 0.00	33.85 0.12 0.00	33.86 0.52 1.61	42.99 0.99 -0.51	46.73 1.17 -0.88	49.03 1.28 -0.38	56.86 1.47 -0.61	56.14 1.31 0.00	58.85 2.04 0.00	54.85 2.08 0.00	57.02 2.53 0.00	63.56 2.82 0.00	73.70 1.99 -3.56	46.83 0.83 8.03	55.34 0.34 0.00	53.47 0.61 0.00	48.66 0.60 1.42
PJM_GEN_NEPTUNE_PROXY 323594	29.97 1.72 13.87	34.49 1.29 0.00	33.15 1.26 0.00	36.37 1.37 0.00	34.38 1.17 -1.44	46.85 1.34 -13.63	36.45 1.21 0.00	35.70 0.99 0.00	34.89 1.15 0.00	36.87 1.03 -0.89	43.28 1.49 -0.30	45.69 1.47 0.47	49.62 1.55 -0.71	57.85 1.93 -1.14	81.55 2.46 -24.25	87.84 3.27 -27.76	79.13 3.35 -23.01	57.72 3.24 0.00	63.80 3.06 0.00	68.04 1.73 1.84	48.58 0.59 6.05	47.01 0.21 8.20	22.68 0.57 30.75	24.75 0.42 25.15
PJM_GEN_VFT_PROXY 323633	29.87 1.61 13.86	34.40 1.21 0.00	32.88 0.99 0.00	35.97 0.96 0.00	32.60 0.83 0.00	32.70 0.84 0.00	36.27 1.03 0.00	35.93 1.23 0.00	35.30 1.56 0.00	37.47 1.63 -0.89	44.04 1.99 -0.56	47.83 1.91 -1.23	49.95 1.87 -0.71	57.81 1.89 -1.14	56.78 1.94 0.00	59.77 2.96 0.00	55.62 2.86 0.00	57.74 3.25 0.00	63.92 3.17 0.00	70.26 2.11 0.00	51.60 1.01 3.45	55.41 0.41 0.00	53.65 0.79 0.00	48.99 0.94 1.43
PLATSBURG_115KV_PMLD1 355749	42.57 0.45 0.00	34.08 0.88 0.00	32.57 0.69 0.00	35.88 0.88 0.00	32.56 0.79 0.00	32.66 0.79 0.00	36.19 0.95 0.00	35.47 0.76 0.00	34.23 0.50 0.00	35.29 0.34 0.00	41.88 0.38 0.00	44.97 0.28 0.00	47.76 0.40 0.00	55.28 0.49 0.00	55.32 0.49 0.00	56.58 -0.23 0.00	52.41 -0.36 0.00	53.37 -1.11 0.00	59.24 -1.50 0.00	67.29 -0.85 0.00	54.16 0.13 0.00	55.43 0.43 0.00	52.99 0.13 0.00	49.72 0.24 0.00
PLEASANTVLY___LBMP 24000	43.26 1.15 0.00	34.05 0.85 0.00	32.66 0.77 0.00	35.80 0.79 0.00	32.43 0.67 0.00	32.51 0.64 0.00	35.95 0.71 0.00	35.55 0.84 0.00	34.72 0.99 0.00	36.28 0.98 -0.36	43.27 1.16 -0.62	46.64 1.10 -0.84	49.24 1.08 -0.80	57.14 1.08 -1.28	56.08 1.24 0.00	58.94 2.13 0.00	54.96 2.19 0.00	57.11 2.62 0.00	63.42 2.67 0.00	69.96 1.81 0.00	54.99 0.95 0.00	55.39 0.39 0.00	53.49 0.63 0.00	50.04 0.55 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.77 1.65 0.00	34.42 1.23 0.00	32.96 1.07 0.00	36.09 1.09 0.00	32.70 0.94 0.00	32.80 0.93 0.00	36.31 1.07 0.00	35.92 1.21 0.00	35.16 1.42 0.00	37.09 1.47 -0.68	43.86 1.81 -0.56	47.24 1.79 -0.76	49.89 1.80 -0.72	57.84 1.91 -1.15	56.90 2.07 0.00	59.84 3.03 0.00	55.78 3.02 0.00	57.94 3.45 0.00	64.25 3.50 0.00	70.75 2.60 0.00	55.49 1.45 0.00	55.90 0.90 0.00	54.03 1.16 0.00	50.58 1.09 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	43.77 1.65 0.00	34.42 1.23 0.00	32.96 1.07 0.00	36.09 1.09 0.00	32.70 0.94 0.00	32.80 0.93 0.00	36.31 1.07 0.00	35.92 1.21 0.00	35.16 1.42 0.00	37.09 1.47 -0.68	43.86 1.81 -0.56	47.24 1.79 -0.76	49.89 1.80 -0.72	57.84 1.91 -1.15	56.90 2.07 0.00	59.84 3.03 0.00	55.78 3.02 0.00	57.94 3.45 0.00	64.25 3.50 0.00	70.75 2.60 0.00	55.49 1.45 0.00	55.90 0.90 0.00	54.03 1.16 0.00	50.58 1.09 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.77 1.65 0.00	34.40 1.20 0.00	32.97 1.08 0.00	36.12 1.12 0.00	32.73 0.96 0.00	32.80 0.93 0.00	36.29 1.05 0.00	35.91 1.20 0.00	35.08 1.35 0.00	36.32 1.37 0.00	43.16 1.67 0.00	46.39 1.70 0.00	49.14 1.77 0.00	56.71 1.92 0.00	56.98 2.15 0.00	59.94 3.13 0.00	55.96 3.20 0.00	58.21 3.73 0.00	64.69 3.95 0.00	71.33 3.18 0.00	55.98 1.95 0.00	56.36 1.37 0.00	54.32 1.45 0.00	50.69 1.21 0.00
POLETTI____ 23519	43.86 1.74 0.00	34.52 1.32 0.00	33.02 1.13 0.00	36.10 1.10 0.00	32.73 0.96 0.00	32.84 0.97 0.00	36.38 1.14 0.00	36.05 1.34 0.00	35.37 1.64 0.00	37.55 1.70 -0.89	44.14 2.09 -0.56	47.41 1.97 -0.76	50.02 1.94 -0.71	57.93 2.00 -1.14	56.94 2.10 0.00	59.93 3.12 0.00	55.81 3.05 0.00	57.92 3.44 0.00	64.11 3.37 0.00	70.46 2.31 0.00	55.22 1.18 0.00	55.65 0.65 0.00	53.89 1.03 0.00	50.61 1.12 0.00
POMONA___ESR 323819	43.57 1.46 0.00	34.24 1.04 0.00	32.78 0.89 0.00	35.92 0.92 0.00	32.56 0.80 0.00	32.62 0.75 0.00	36.13 0.89 0.00	35.75 1.05 0.00	35.01 1.27 0.00	34.73 1.32 1.54	43.72 1.71 -0.52	47.18 1.78 -0.70	49.88 1.84 -0.67	57.87 2.01 -1.07	56.95 2.12 0.00	59.92 3.11 0.00	55.85 3.08 0.00	58.00 3.51 0.00	64.36 3.62 0.00	70.93 2.78 0.00	55.57 1.53 0.00	55.88 0.88 0.00	53.94 1.08 0.00	50.48 0.99 0.00
PORT_JEFF_3 23555	44.30 2.19 0.00	34.89 1.70 0.00	33.57 1.68 0.00	36.90 1.90 0.00	35.49 1.61 -2.11	53.56 1.70 -19.99	36.83 1.59 0.00	35.99 1.28 0.00	35.14 1.41 0.00	37.07 1.24 -0.89	43.51 1.70 -0.32	45.33 1.53 0.90	48.93 1.29 -0.27	56.56 1.67 -0.10	79.29 2.40 -22.05	87.67 3.10 -27.76	79.11 3.33 -23.01	57.72 3.23 0.00	63.67 2.92 0.00	67.79 1.29 1.65	51.79 0.09 2.34	47.39 -0.11 7.50	25.72 0.25 27.39	28.04 0.27 21.70
PORT_JEFF_4 23616	44.30 2.19 0.00	34.89 1.70 0.00	33.57 1.68 0.00	36.90 1.90 0.00	35.49 1.61 -2.11	53.56 1.70 -19.99	36.83 1.59 0.00	35.99 1.28 0.00	35.14 1.41 0.00	37.07 1.24 -0.89	43.51 1.70 -0.32	45.33 1.53 0.90	48.93 1.29 -0.27	56.56 1.67 -0.10	79.29 2.40 -22.05	87.67 3.10 -27.76	79.11 3.33 -23.01	57.72 3.23 0.00	63.67 2.92 0.00	67.79 1.29 1.65	51.79 0.09 2.34	47.39 -0.11 7.50	25.72 0.25 27.39	28.04 0.27 21.70

PORT_JEFF_IC 23713	44.41 2.29 0.00	34.96 1.77 0.00	33.64 1.75 0.00	36.97 1.97 0.00	35.54 1.67 -2.11	53.59 1.76 -19.97	36.89 1.65 0.00	36.06 1.35 0.00	35.22 1.48 0.00	37.16 1.33 -0.89	43.66 1.84 -0.33	45.46 1.70 0.93	48.81 1.31 -0.13	56.29 1.73 0.23	78.61 2.49 -21.28	87.80 3.23 -27.76	79.22 3.45 -23.01	57.84 3.36 0.00	63.79 3.05 0.00	67.90 1.39 1.64	51.91 0.19 2.32	47.67 0.13 7.46	26.13 0.50 27.23	28.27 0.40 21.61
PPL PILGRIM_ST_GT1 24216	44.53 2.41 0.00	35.06 1.87 0.00	33.76 1.87 0.00	37.12 2.11 0.00	35.68 1.82 -2.10	53.69 1.94 -19.89	37.07 1.83 0.00	36.23 1.53 0.00	35.35 1.62 0.00	37.27 1.43 -0.89	43.78 1.96 -0.33	45.69 1.88 0.88	49.51 1.97 -0.17	57.21 2.52 0.10	81.24 3.12 -23.29	88.06 3.49 -27.76	79.73 3.95 -23.01	58.43 3.95 0.00	64.53 3.79 0.00	68.83 2.28 1.60	52.68 0.92 2.27	48.37 0.69 7.33	27.24 0.95 26.57	29.02 0.75 21.21
PPL PILGRIM_ST_GT2 24217	44.53 2.41 0.00	35.06 1.87 0.00	33.76 1.87 0.00	37.12 2.11 0.00	35.68 1.82 -2.10	53.69 1.94 -19.89	37.07 1.83 0.00	36.23 1.53 0.00	35.35 1.62 0.00	37.27 1.43 -0.89	43.78 1.96 -0.33	45.69 1.88 0.88	49.51 1.97 -0.17	57.21 2.52 0.10	81.24 3.12 -23.29	88.06 3.49 -27.76	79.73 3.95 -23.01	58.43 3.95 0.00	64.53 3.79 0.00	68.83 2.28 1.60	52.68 0.92 2.27	48.37 0.69 7.33	27.24 0.95 26.57	29.02 0.75 21.21
PPL_SHRM_GT3 24213	44.47 2.35 0.00	34.91 1.72 0.00	33.58 1.69 0.00	36.91 1.91 0.00	35.47 1.59 -2.11	53.49 1.64 -19.98	36.79 1.55 0.00	35.94 1.24 0.00	35.11 1.37 0.00	37.02 1.19 -0.89	43.42 1.61 -0.32	45.23 1.44 0.90	49.02 1.40 -0.24	56.79 1.97 -0.03	79.60 2.86 -21.90	88.14 3.57 -27.76	79.58 3.80 -23.01	58.24 3.75 0.00	64.26 3.51 0.00	68.36 1.86 1.65	52.16 0.45 2.33	47.65 0.13 7.48	25.95 0.40 27.32	28.03 0.21 21.66
PPL_SHRM_GT4 24214	44.47 2.35 0.00	34.91 1.72 0.00	33.58 1.69 0.00	36.91 1.91 0.00	35.47 1.59 -2.11	53.49 1.64 -19.98	36.79 1.55 0.00	35.94 1.24 0.00	35.11 1.37 0.00	37.02 1.19 -0.89	43.42 1.61 -0.32	45.23 1.44 0.90	49.02 1.40 -0.24	56.79 1.97 -0.03	79.60 2.86 -21.90	88.14 3.57 -27.76	79.58 3.80 -23.01	58.24 3.75 0.00	64.26 3.51 0.00	68.36 1.86 1.65	52.16 0.45 2.33	47.65 0.13 7.48	25.95 0.40 27.32	28.03 0.21 21.66
PROJECT___ORANGE 1 24174	41.71 -0.40 0.00	32.72 -0.48 0.00	31.42 -0.53 -0.05	34.61 -0.57 -0.17	31.27 -0.50 0.00	31.39 -0.48 0.00	34.85 -0.47 -0.07	34.25 -0.48 -0.02	33.31 -0.42 0.00	34.70 -0.25 0.00	41.37 -0.12 0.00	44.64 -0.05 0.00	47.46 -0.05 -0.14	55.05 0.02 -0.25	54.88 0.04 0.00	57.23 0.42 0.00	53.42 0.57 -0.08	43.53 0.92 11.87	64.98 1.23 -3.00	72.52 0.95 -3.42	54.46 0.43 0.00	55.13 0.11 -0.02	52.98 0.03 -0.09	50.36 0.01 -0.86
PROJECT___ORANGE 2 24166	41.71 -0.40 0.00	32.72 -0.48 0.00	31.42 -0.53 -0.05	34.61 -0.57 -0.17	31.27 -0.50 0.00	31.39 -0.48 0.00	34.85 -0.47 -0.07	34.25 -0.48 -0.02	33.31 -0.42 0.00	34.70 -0.25 0.00	41.37 -0.12 0.00	44.64 -0.05 0.00	47.46 -0.05 -0.14	55.05 0.02 -0.25	54.88 0.04 0.00	57.23 0.42 0.00	53.42 0.57 -0.08	43.53 0.92 11.87	64.98 1.23 -3.00	72.52 0.95 -3.42	54.46 0.43 0.00	55.13 0.11 -0.02	52.98 0.03 -0.09	50.36 0.01 -0.86
PUCKETT___SOLAR 323809	42.50 0.38 0.00	33.40 0.21 0.00	32.13 0.20 -0.04	35.44 0.31 -0.12	32.04 0.28 0.00	32.15 0.28 0.00	35.69 0.40 -0.05	34.96 0.24 -0.01	33.99 0.25 0.00	35.38 0.42 0.00	42.13 0.64 0.00	45.32 0.63 0.00	48.18 0.70 -0.10	55.99 1.02 -0.17	55.80 0.96 0.00	58.36 1.55 0.00	54.69 1.87 -0.05	57.19 2.56 -0.15	66.29 3.46 -2.08	73.89 3.36 -2.38	57.46 2.15 -1.27	56.69 1.68 -0.01	54.51 1.59 -0.06	51.43 1.35 -0.60
PYRITES___HYD 24023	44.07 1.95 0.00	35.02 1.82 0.00	33.50 1.62 0.00	36.81 1.80 0.00	33.41 1.65 0.00	33.51 1.64 0.00	37.22 1.98 0.00	36.27 1.57 0.00	34.46 0.73 0.00	35.43 0.48 0.00	41.78 0.28 0.00	44.99 0.30 0.00	47.79 0.42 0.00	55.18 0.39 0.00	54.90 0.07 0.00	55.56 -1.26 0.00	51.43 -1.33 0.00	-408.98 -2.76 460.71	57.87 -2.87 0.00	67.34 -0.81 0.00	55.18 1.14 0.00	57.20 2.20 0.00	54.97 2.11 0.00	51.58 2.09 0.00
QUAKERRD_115KV_BK1 80622	41.25 -0.87 0.00	32.10 -1.10 0.00	30.58 -1.31 0.00	33.64 -1.36 0.00	30.55 -1.21 0.00	30.73 -1.14 0.00	34.25 -0.99 0.00	33.66 -1.05 0.00	32.84 -0.90 0.00	34.80 -0.15 0.00	41.72 0.23 0.00	45.18 0.49 0.00	47.96 0.59 0.00	55.67 0.88 0.00	55.49 0.66 0.00	57.82 1.00 0.00	53.87 1.10 0.00	56.04 1.55 0.00	62.74 1.99 0.00	69.79 1.64 0.00	54.82 0.78 0.00	55.48 0.48 0.00	53.27 0.41 0.00	50.03 0.55 0.00
QUENSBRY_115KV_TB8 356137	43.47 1.35 0.00	34.36 1.17 0.00	33.11 1.22 0.00	36.41 1.41 0.00	32.91 1.14 0.00	33.08 1.22 0.00	36.45 1.21 0.00	35.98 1.27 0.00	34.75 1.02 0.00	35.63 0.68 0.00	41.31 0.29 0.48	44.42 0.37 0.65	47.07 0.32 0.62	53.97 0.17 0.98	55.41 0.58 0.00	58.39 1.58 0.00	54.85 2.09 0.00	57.49 3.01 0.00	65.00 4.25 0.00	72.38 4.23 0.00	57.41 3.38 0.00	57.72 2.72 0.00	55.19 2.33 0.00	51.26 1.78 0.00
RAMAPO___LBMP 323565	43.38 1.26 0.00	34.09 0.90 0.00	32.64 0.75 0.00	35.76 0.75 0.00	32.42 0.65 0.00	32.49 0.62 0.00	35.99 0.75 0.00	35.61 0.90 0.00	34.84 1.11 0.00	34.68 1.15 1.42	43.47 1.47 -0.51	46.92 1.53 -0.69	49.59 1.57 -0.66	57.51 1.67 -1.05	56.60 1.77 0.00	59.51 2.70 0.00	55.46 2.69 0.00	57.60 3.12 0.00	63.96 3.21 0.00	70.52 2.38 0.00	55.28 1.24 0.00	55.61 0.61 0.00	53.70 0.83 0.00	50.26 0.78 0.00
RANKINE___ 23646	41.81 -0.31 0.00	32.23 -0.96 0.00	30.53 -1.36 0.00	33.73 -1.28 0.00	30.62 -1.14 0.00	30.84 -1.03 0.00	34.62 -0.62 0.00	33.93 -0.77 0.00	33.30 -0.43 0.00	35.95 1.00 0.00	43.44 1.94 0.00	47.18 2.49 0.00	50.18 2.81 0.00	58.25 3.46 0.00	57.68 2.85 0.00	60.06 3.25 0.00	55.78 3.02 0.00	58.08 3.59 0.00	65.02 4.28 0.00	72.05 3.90 0.00	56.43 2.40 0.00	57.15 2.15 0.00	55.15 2.28 0.00	52.12 2.63 0.00
RAVENSWOOD_GT2_1 24244	43.95 1.83 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.18 0.00	32.80 1.03 0.00	32.90 1.04 0.00	36.46 1.22 0.00	36.11 1.40 0.00	35.41 1.67 0.00	37.59 1.75 -0.89	44.19 2.14 -0.56	47.48 2.04 -0.76	50.09 2.01 -0.71	58.00 2.08 -1.14	57.03 2.19 0.00	60.03 3.22 0.00	55.89 3.12 0.00	58.00 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.35 1.31 0.00	55.80 0.80 0.00	54.01 1.15 0.00	50.71 1.23 0.00
RAVENSWOOD_GT2_2 24245	43.95 1.83 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.18 0.00	32.80 1.03 0.00	32.90 1.04 0.00	36.46 1.22 0.00	36.11 1.40 0.00	35.41 1.67 0.00	37.59 1.75 -0.89	44.19 2.14 -0.56	47.48 2.04 -0.76	50.09 2.01 -0.71	58.00 2.08 -1.14	57.03 2.19 0.00	60.03 3.22 0.00	55.89 3.12 0.00	58.00 3.52 0.00	64.22 3.47 0.00	70.60 2.45 0.00	55.35 1.31 0.00	55.80 0.80 0.00	54.01 1.15 0.00	50.71 1.23 0.00



RAVENSWOOD_GT2_3 24246	43.97 1.86 0.00	34.60 1.40 0.00	33.08 1.20 0.00	36.21 1.20 0.00	32.82 1.05 0.00	32.92 1.06 0.00	36.48 1.24 0.00	36.13 1.43 0.00	35.43 1.69 0.00	37.62 1.77 -0.89	44.22 2.17 -0.56	47.51 2.06 -0.76	50.11 2.03 -0.71	58.06 2.13 -1.14	57.07 2.23 0.00	60.07 3.26 0.00	55.94 3.18 0.00	58.04 3.56 0.00	64.26 3.51 0.00	70.65 2.51 0.00	55.38 1.34 0.00	55.82 0.83 0.00	54.06 1.19 0.00	50.74 1.26 0.00
RAVENSWOOD_GT2_4 24247	43.97 1.86 0.00	34.60 1.40 0.00	33.08 1.20 0.00	36.21 1.20 0.00	32.82 1.05 0.00	32.92 1.06 0.00	36.48 1.24 0.00	36.13 1.43 0.00	35.43 1.69 0.00	37.62 1.77 -0.89	44.22 2.17 -0.56	47.51 2.06 -0.76	50.11 2.03 -0.71	58.06 2.13 -1.14	57.07 2.23 0.00	60.07 3.26 0.00	55.94 3.18 0.00	58.04 3.56 0.00	64.26 3.51 0.00	70.65 2.51 0.00	55.38 1.34 0.00	55.82 0.83 0.00	54.06 1.19 0.00	50.74 1.26 0.00
RAVENSWOOD_GT3_1 24248	43.95 1.83 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.90 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.59 1.75 -0.89	44.19 2.14 -0.56	47.48 2.04 -0.76	50.10 2.01 -0.71	58.02 2.09 -1.14	57.04 2.21 0.00	60.03 3.22 0.00	55.89 3.12 0.00	58.00 3.52 0.00	64.23 3.48 0.00	70.60 2.45 0.00	55.35 1.32 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.23 0.00
RAVENSWOOD_GT3_2 24249	43.95 1.83 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.90 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.59 1.75 -0.89	44.19 2.14 -0.56	47.48 2.04 -0.76	50.10 2.01 -0.71	58.02 2.09 -1.14	57.04 2.21 0.00	60.03 3.22 0.00	55.89 3.12 0.00	58.00 3.52 0.00	64.23 3.48 0.00	70.60 2.45 0.00	55.35 1.32 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.23 0.00
RAVENSWOOD_GT3_3 24250	44.04 1.93 0.00	34.65 1.45 0.00	33.13 1.25 0.00	36.25 1.25 0.00	32.86 1.09 0.00	32.97 1.09 0.00	36.53 1.29 0.00	36.18 1.48 0.00	35.48 1.75 0.00	37.68 1.83 -0.89	44.29 2.24 -0.56	47.59 2.14 -0.76	50.21 2.13 -0.71	58.17 2.24 -1.14	57.17 2.34 0.00	60.18 3.37 0.00	56.04 3.28 0.00	58.15 3.67 0.00	64.38 3.63 0.00	70.78 2.63 0.00	55.48 1.44 0.00	55.93 0.93 0.00	54.15 1.29 0.00	50.82 1.34 0.00
RAVENSWOOD_GT3_4 24251	44.04 1.93 0.00	34.65 1.45 0.00	33.13 1.25 0.00	36.25 1.25 0.00	32.86 1.09 0.00	32.97 1.09 0.00	36.53 1.29 0.00	36.18 1.48 0.00	35.48 1.75 0.00	37.68 1.83 -0.89	44.29 2.24 -0.56	47.59 2.14 -0.76	50.21 2.13 -0.71	58.17 2.24 -1.14	57.17 2.34 0.00	60.18 3.37 0.00	56.04 3.28 0.00	58.15 3.67 0.00	64.38 3.63 0.00	70.78 2.63 0.00	55.48 1.44 0.00	55.93 0.93 0.00	54.15 1.29 0.00	50.82 1.34 0.00
RAVENSWOOD_GT_1 23729	44.03 1.92 0.00	34.65 1.45 0.00	33.09 1.20 0.00	36.20 1.20 0.00	32.85 1.08 0.00	32.97 1.10 0.00	36.53 1.29 0.00	36.21 1.51 0.00	35.55 1.82 0.00	37.70 1.85 -0.89	44.25 2.21 -0.56	47.51 2.06 -0.76	50.01 1.92 -0.71	57.89 1.97 -1.14	56.84 2.01 0.00	59.86 3.05 0.00	55.74 2.97 0.00	57.84 3.35 0.00	63.97 3.23 0.00	70.25 2.10 0.00	55.10 1.07 0.00	55.34 0.56 0.22	53.96 1.10 0.00	50.71 1.23 0.00
RAVENSWOOD_GT_10 24258	43.95 1.84 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.90 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.59 1.75 -0.89	44.19 2.14 -0.56	47.49 2.04 -0.76	50.10 2.02 -0.71	58.04 2.11 -1.14	57.05 2.21 0.00	60.04 3.23 0.00	55.90 3.14 0.00	58.02 3.54 0.00	64.24 3.49 0.00	70.62 2.46 0.00	55.36 1.33 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.24 0.00
RAVENSWOOD_GT_11 24259	43.95 1.84 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.90 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.59 1.75 -0.89	44.19 2.14 -0.56	47.49 2.04 -0.76	50.10 2.02 -0.71	58.04 2.11 -1.14	57.05 2.21 0.00	60.04 3.23 0.00	55.90 3.14 0.00	58.02 3.54 0.00	64.24 3.49 0.00	70.62 2.46 0.00	55.36 1.33 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.24 0.00
RAVENSWOOD_GT_4 24252	43.96 1.84 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.91 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.60 1.75 -0.89	44.19 2.14 -0.56	47.49 2.04 -0.76	50.10 2.02 -0.71	58.02 2.09 -1.14	57.05 2.21 0.00	60.04 3.23 0.00	55.90 3.13 0.00	58.00 3.52 0.00	64.23 3.48 0.00	70.60 2.45 0.00	55.35 1.32 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.24 0.00
RAVENSWOOD_GT_5 24254	43.96 1.84 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.91 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.60 1.75 -0.89	44.19 2.14 -0.56	47.49 2.04 -0.76	50.10 2.02 -0.71	58.02 2.09 -1.14	57.05 2.21 0.00	60.04 3.23 0.00	55.90 3.13 0.00	58.00 3.52 0.00	64.23 3.48 0.00	70.60 2.45 0.00	55.35 1.32 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.24 0.00
RAVENSWOOD_GT_6 24253	43.96 1.84 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.91 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.60 1.75 -0.89	44.19 2.14 -0.56	47.49 2.04 -0.76	50.10 2.02 -0.71	58.02 2.09 -1.14	57.05 2.21 0.00	60.04 3.23 0.00	55.90 3.13 0.00	58.00 3.52 0.00	64.23 3.48 0.00	70.60 2.45 0.00	55.35 1.32 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.24 0.00
RAVENSWOOD_GT_7 24255	43.96 1.84 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.91 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.60 1.75 -0.89	44.19 2.14 -0.56	47.49 2.04 -0.76	50.10 2.02 -0.71	58.02 2.09 -1.14	57.05 2.21 0.00	60.04 3.23 0.00	55.90 3.13 0.00	58.00 3.52 0.00	64.23 3.48 0.00	70.60 2.45 0.00	55.35 1.32 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.24 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.95 1.84 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.90 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.59 1.75 -0.89	44.19 2.14 -0.56	47.49 2.04 -0.76	50.10 2.02 -0.71	58.04 2.11 -1.14	57.05 2.21 0.00	60.04 3.23 0.00	55.90 3.14 0.00	58.02 3.54 0.00	64.24 3.49 0.00	70.62 2.46 0.00	55.36 1.33 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.24 0.00
RAVENSWOOD_GT_9 24257	43.95 1.84 0.00	34.58 1.38 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.90 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.59 1.75 -0.89	44.19 2.14 -0.56	47.49 2.04 -0.76	50.10 2.02 -0.71	58.04 2.11 -1.14	57.05 2.21 0.00	60.04 3.23 0.00	55.90 3.14 0.00	58.02 3.54 0.00	64.24 3.49 0.00	70.62 2.46 0.00	55.36 1.33 0.00	55.80 0.80 0.00	54.03 1.17 0.00	50.72 1.24 0.00

RAVENSWOOD___1 23533	44.00 1.88 0.00	34.63 1.43 0.00	33.06 1.18 0.00	36.17 1.17 0.00	32.82 1.06 0.00	32.94 1.07 0.00	36.50 1.26 0.00	36.18 1.48 0.00	35.52 1.79 0.00	37.66 1.82 -0.89	44.20 2.15 -0.56	47.45 2.00 -0.76	49.93 1.85 -0.71	57.81 1.88 -1.14	56.75 1.91 0.00	59.80 2.99 0.00	55.67 2.91 0.00	57.78 3.30 0.00	63.91 3.16 0.00	70.17 2.02 0.00	55.03 1.00 0.00	55.22 0.50 0.27	53.90 1.04 0.00	50.66 1.18 0.00
RAVENSWOOD___2 23534	43.85 1.73 0.00	34.55 1.36 0.00	32.99 1.10 0.00	36.09 1.09 0.00	32.75 0.99 0.00	32.87 1.00 0.00	36.42 1.18 0.00	36.11 1.40 0.00	35.44 1.71 0.00	37.45 1.61 -0.89	43.81 1.76 -0.56	46.99 1.55 -0.76	49.45 1.37 -0.71	57.24 1.31 -1.14	56.20 1.36 0.00	59.25 2.44 0.00	55.17 2.41 0.00	57.27 2.79 0.00	63.32 2.58 0.00	69.52 1.37 0.00	54.53 0.50 0.00	54.83 0.10 0.27	53.64 0.77 0.00	50.47 0.99 0.00
RAVENSWOOD___3 23535	43.95 1.84 0.00	34.58 1.39 0.00	33.07 1.18 0.00	36.19 1.19 0.00	32.80 1.04 0.00	32.91 1.04 0.00	36.46 1.22 0.00	36.11 1.41 0.00	35.41 1.68 0.00	37.59 1.75 -0.89	44.19 2.14 -0.56	47.49 2.05 -0.76	50.10 2.02 -0.71	58.02 2.09 -1.14	57.05 2.21 0.00	60.04 3.23 0.00	55.89 3.13 0.00	58.00 3.52 0.00	64.23 3.48 0.00	70.61 2.46 0.00	55.35 1.32 0.00	55.80 0.80 0.00	54.02 1.16 0.00	50.72 1.24 0.00
RAVENSWOOD___4 23820	43.96 1.84 0.00	34.60 1.40 0.00	33.03 1.14 0.00	36.15 1.14 0.00	32.80 1.04 0.00	32.92 1.05 0.00	36.47 1.23 0.00	36.16 1.46 0.00	35.49 1.76 0.00	37.63 1.78 -0.89	44.14 2.09 -0.56	47.40 1.95 -0.76	49.87 1.79 -0.71	57.72 1.80 -1.14	56.69 1.85 0.00	59.72 2.91 0.00	55.60 2.84 0.00	57.72 3.23 0.00	63.82 3.08 0.00	70.07 1.92 0.00	54.94 0.91 0.00	55.09 0.41 0.32	53.84 0.97 0.00	50.61 1.12 0.00
RCPL_TRUST___DRP 24196	44.00 1.89 0.00	34.61 1.41 0.00	33.09 1.20 0.00	36.21 1.21 0.00	32.82 1.05 0.00	32.93 1.06 0.00	36.49 1.25 0.00	36.16 1.45 0.00	35.45 1.72 0.00	37.66 1.81 -0.90	44.28 2.23 -0.56	47.58 2.13 -0.76	50.20 2.12 -0.71	58.15 2.23 -1.14	57.17 2.33 0.00	60.19 3.38 0.00	56.05 3.29 0.00	58.19 3.70 0.00	64.41 3.67 0.00	70.80 2.65 0.00	55.45 1.42 0.00	55.86 0.86 0.00	54.07 1.21 0.00	50.79 1.30 0.00
RED___ROCHESTER 323720	42.65 0.54 0.00	33.11 -0.09 0.00	31.49 -0.40 0.00	34.65 -0.36 0.00	31.45 -0.31 0.00	31.65 -0.21 0.00	35.35 0.11 0.00	34.69 -0.02 0.00	33.88 0.14 0.00	36.07 1.12 0.00	43.33 1.84 0.00	47.02 2.33 0.00	49.85 2.48 0.00	57.91 3.12 0.00	57.70 2.86 0.00	60.14 3.33 0.00	56.03 3.27 0.00	58.34 3.86 0.00	65.31 4.56 0.00	72.59 4.44 0.00	55.04 2.90 1.90	57.60 2.60 0.00	55.28 2.42 0.00	51.93 2.45 0.00
REGAN___SOLAR 323812	44.53 2.42 0.00	34.98 1.78 0.00	33.52 1.63 0.00	36.78 1.77 0.00	33.36 1.59 0.00	33.49 1.62 0.00	37.07 1.82 0.00	36.10 1.40 0.00	34.22 0.49 0.00	34.90 -0.05 0.00	40.85 -0.31 0.33	44.04 -0.21 0.45	46.92 -0.03 0.42	53.78 -0.33 0.67	54.51 -0.33 0.00	56.71 -0.10 0.00	53.07 0.30 0.00	55.71 1.22 0.00	63.70 2.96 0.00	72.91 4.76 0.00	58.02 3.99 0.00	58.71 3.71 0.00	56.27 3.40 0.00	52.48 2.99 0.00
RENSSELAER___COGEN 23796	41.75 -0.37 0.00	32.99 -0.20 0.00	31.81 -0.07 0.00	34.86 -0.14 0.00	31.65 -0.11 0.00	31.77 -0.10 0.00	34.97 -0.27 0.00	34.49 -0.22 0.00	33.43 -0.30 0.00	34.42 -0.53 0.43	40.21 -0.84 0.43	43.14 -0.96 0.59	45.73 -1.08 0.55	52.50 -1.40 0.88	53.62 -1.22 0.00	56.16 -0.65 0.00	52.36 -0.41 0.00	54.46 -0.03 0.00	60.75 0.00 0.00	67.50 -0.65 0.00	53.43 -0.60 0.00	53.91 -1.09 0.00	51.88 -0.98 0.00	48.49 -0.99 0.00
REPUBLIC_115KV_BARTNBRK 55605	44.76 2.64 0.00	35.67 2.47 0.00	34.37 2.48 0.00	37.82 2.82 0.00	34.04 2.28 0.00	34.31 2.45 0.00	37.89 2.65 0.00	37.35 2.64 0.00	35.87 2.14 0.00	36.57 1.62 0.49	42.41 1.41 0.66	45.77 1.74 0.63	48.54 2.07 1.00	55.86 2.90 0.00	57.74 4.60 0.00	61.41 5.09 0.00	57.85 6.32 0.00	60.81 7.86 0.00	68.61 8.45 0.00	76.60 7.02 0.00	61.05 6.47 0.00	61.47 5.94 0.00	58.81 4.63 0.00	54.11 0.00 0.00
REVERE_CPPR_DRP 24186	43.92 1.81 0.00	34.48 1.29 0.00	33.08 1.17 -0.03	36.42 1.33 -0.08	32.95 1.19 0.00	33.13 1.27 0.00	36.74 1.46 -0.04	36.02 1.31 -0.01	34.77 1.04 0.00	35.89 0.94 0.00	42.65 1.16 0.00	45.96 1.26 0.00	48.81 1.37 -0.07	56.65 1.73 -0.12	56.59 1.75 0.00	58.91 2.10 0.00	55.10 2.30 -0.04	21.20 2.86 36.14	66.02 3.77 -1.50	74.37 4.51 -1.71	57.47 3.43 0.00	58.17 3.17 -0.01	55.73 2.82 -0.04	52.23 2.32 -0.43
REYNLDPA_13_KV_LD 356490	42.58 0.46 0.00	33.76 0.56 0.00	32.37 0.48 0.00	35.54 0.53 0.00	32.27 0.50 0.00	32.34 0.47 0.00	35.88 0.64 0.00	35.27 0.57 0.00	34.15 0.42 0.00	35.26 0.31 0.00	41.70 0.21 0.00	44.93 0.24 0.00	47.97 0.60 0.00	55.60 0.81 0.00	55.40 0.56 0.00	56.54 -0.27 0.00	52.34 -0.42 0.00	123.74 -1.27 -70.52	58.94 -1.80 0.00	67.19 -0.96 0.00	53.86 -0.18 0.00	55.50 0.51 0.00	53.24 0.38 0.00	50.04 0.56 0.00
REYNOLDS_115KV_TB3 80639	42.16 0.05 0.00	33.31 0.11 0.00	32.11 0.22 0.00	35.23 0.22 0.00	31.96 0.19 0.00	32.08 0.21 0.00	35.33 0.08 0.00	34.82 0.12 0.00	33.78 0.05 0.00	34.79 -0.16 0.52	40.54 -0.43 0.71	43.47 -0.51 0.67	46.06 -0.63 1.07	52.83 -0.89 0.00	54.16 -0.68 0.00	56.75 -0.06 0.00	52.92 0.16 0.00	55.07 0.58 0.00	61.42 0.68 0.00	68.19 0.04 0.00	53.99 -0.04 0.00	54.46 -0.54 0.00	52.40 -0.46 0.00	48.99 -0.49 0.00
RIVERBAY____ 323610	45.48 3.37 0.00	35.74 2.55 0.00	34.11 2.22 0.00	37.36 2.35 0.00	33.92 2.16 0.00	34.09 2.22 0.00	37.81 2.57 0.00	37.38 2.67 0.00	36.67 2.94 0.00	38.83 2.99 -0.89	45.55 3.50 -0.56	49.00 3.56 -0.76	51.63 3.55 -0.71	59.74 3.82 -1.14	58.73 3.89 0.00	61.87 5.05 0.00	57.64 4.87 0.00	59.88 5.40 0.00	66.20 5.45 0.00	72.77 4.62 0.00	57.17 3.13 0.00	57.64 2.64 0.00	56.04 3.18 0.00	52.37 2.88 0.00
RIVERSDE_115KV_TB3 55908	42.06 -0.05 0.00	33.23 0.04 0.00	32.04 0.15 0.00	35.12 0.12 0.00	31.88 0.12 0.00	32.01 0.14 0.00	35.23 -0.01 0.00	34.74 0.04 0.00	33.71 -0.03 0.00	34.71 -0.24 0.48	40.50 -0.51 0.65	43.45 -0.59 0.61	46.06 -0.69 0.98	52.87 -0.94 0.00	54.10 -0.74 0.00	56.68 -0.13 0.00	52.85 0.08 0.00	54.99 0.50 0.00	61.32 0.58 0.00	68.10 -0.05 0.00	53.91 -0.13 0.00	54.37 -0.64 0.00	52.30 -0.56 0.00	48.88 -0.60 0.00
ROARING___BROOK_WT_PWR 323790	42.15 0.03 0.00	33.28 0.09 0.00	31.96 0.07 0.00	35.10 0.10 0.00	31.86 0.10 0.00	31.94 0.06 0.00	35.34 0.10 0.00	34.79 0.09 0.00	33.77 0.04 0.00	34.94 -0.01 0.00	41.42 -0.07 0.00	44.62 -0.07 0.00	47.31 -0.06 0.00	54.76 -0.03 0.00	54.74 -0.10 0.00	56.54 -0.28 0.00	52.51 -0.25 0.00	69.74 -0.45 -15.70	60.16 -0.59 0.00	67.72 -0.43 0.00	53.84 -0.20 0.00	54.94 -0.06 0.00	52.76 -0.10 0.00	49.44 -0.05 0.00

ROCHESRG_115KV_T4 355643	41.65 -0.46 0.00	32.38 -0.82 0.00	30.83 -1.06 0.00	33.95 -1.06 0.00	30.83 -0.94 0.00	31.01 -0.86 0.00	34.61 -0.63 0.00	33.98 -0.73 0.00	33.17 -0.56 0.00	35.27 0.32 0.00	42.32 0.82 0.00	45.83 1.13 0.00	49.06 1.69 0.00	56.94 2.15 0.00	56.68 1.85 0.00	59.04 2.22 0.00	54.98 2.22 0.00	57.20 2.72 0.00	64.00 3.26 0.00	71.21 3.06 0.00	55.93 1.90 0.00	56.64 1.64 0.00	54.43 1.57 0.00	51.22 1.74 0.00
ROCHESTER_9_IC 23652	42.38 0.26 0.00	32.91 -0.29 0.00	31.30 -0.59 0.00	34.45 -0.55 0.00	31.28 -0.49 0.00	31.47 -0.40 0.00	35.14 -0.11 0.00	34.50 -0.21 0.00	33.69 -0.04 0.00	35.85 0.90 0.00	43.04 1.55 0.00	46.68 1.99 0.00	49.47 2.10 0.00	57.44 2.65 0.00	57.21 2.37 0.00	59.61 2.80 0.00	55.51 2.74 0.00	57.76 3.28 0.00	64.67 3.93 0.00	71.94 3.79 0.00	56.46 2.42 0.00	57.14 2.14 0.00	54.86 2.00 0.00	51.58 2.10 0.00
ROCKVIEW_13_KV_LD 356306	44.07 1.96 0.00	34.66 1.46 0.00	33.17 1.28 0.00	36.32 1.32 0.00	32.91 1.14 0.00	32.99 1.12 0.00	36.53 1.28 0.00	36.14 1.44 0.00	35.39 1.66 0.00	37.58 1.74 -0.89	44.20 2.15 -0.56	47.58 2.13 -0.76	50.23 2.15 -0.71	58.22 2.30 -1.14	57.27 2.44 0.00	60.26 3.45 0.00	56.19 3.42 0.00	58.37 3.89 0.00	64.69 3.95 0.00	71.19 3.04 0.00	55.79 1.76 0.00	56.21 1.21 0.00	54.33 1.47 0.00	50.90 1.41 0.00
ROME____115KV_TB2 80656	43.92 1.81 0.00	34.48 1.29 0.00	33.08 1.17 -0.03	36.42 1.33 -0.08	32.95 1.19 0.00	33.13 1.27 0.00	36.74 1.46 -0.04	36.02 1.31 -0.01	34.77 1.04 0.00	35.89 0.94 0.00	42.65 1.16 0.00	45.96 1.26 0.00	48.81 1.37 -0.07	56.65 1.73 -0.12	56.59 1.75 0.00	58.91 2.10 0.00	55.10 2.30 -0.04	21.20 2.86 36.14	66.02 3.77 -1.50	74.37 4.51 -1.71	57.47 3.43 0.00	58.17 3.17 -0.01	55.73 2.82 -0.04	52.23 2.32 -0.43
ROSETON___1 23587	43.23 1.11 0.00	34.02 0.82 0.00	32.62 0.73 0.00	35.75 0.75 0.00	32.40 0.64 0.00	32.48 0.61 0.00	35.92 0.67 0.00	35.51 0.81 0.00	34.69 0.96 0.00	35.90 0.95 0.00	43.17 1.16 -0.51	46.49 1.10 -0.70	49.08 1.05 -0.66	56.89 1.06 -1.05	56.04 1.20 0.00	58.86 2.05 0.00	54.88 2.12 0.00	57.02 2.54 0.00	63.33 2.59 0.00	69.89 1.74 0.00	54.92 0.88 0.00	55.34 0.34 0.00	53.46 0.59 0.00	50.02 0.53 0.00
ROSETON___2 23588	43.23 1.11 0.00	34.02 0.82 0.00	32.62 0.73 0.00	35.75 0.75 0.00	32.40 0.64 0.00	32.48 0.61 0.00	35.92 0.67 0.00	35.51 0.81 0.00	34.69 0.96 0.00	35.90 0.95 0.00	43.17 1.16 -0.51	46.49 1.10 -0.70	49.08 1.05 -0.66	56.89 1.06 -1.05	56.04 1.20 0.00	58.86 2.05 0.00	54.88 2.12 0.00	57.02 2.54 0.00	63.33 2.59 0.00	69.89 1.74 0.00	54.92 0.88 0.00	55.34 0.34 0.00	53.46 0.59 0.00	50.02 0.53 0.00
ROTTRDAM_115KV_TB3 80664	42.83 0.71 0.00	33.75 0.55 0.00	32.47 0.58 0.00	35.65 0.65 0.00	32.31 0.54 0.00	32.41 0.55 0.00	35.76 0.52 0.00	35.22 0.51 0.00	34.15 0.42 0.00	35.25 0.30 0.00	41.35 0.23 0.37	44.41 0.22 0.50	47.09 0.20 0.48	54.16 0.13 0.76	55.10 0.26 0.00	57.55 0.74 0.00	53.68 0.92 0.00	55.84 1.35 0.00	62.45 1.70 0.00	69.66 1.51 0.00	55.17 1.13 0.00	55.78 0.78 0.00	53.62 0.75 0.00	50.10 0.62 0.00
RUSSELL___1 23602	42.65 0.54 0.00	33.11 -0.09 0.00	31.49 -0.40 0.00	34.65 -0.36 0.00	31.45 -0.31 0.00	31.65 -0.22 0.00	35.34 0.10 0.00	34.69 -0.02 0.00	33.88 0.14 0.00	36.07 1.12 0.00	43.33 1.84 0.00	47.01 2.32 0.00	49.85 2.48 0.00	57.91 3.12 0.00	57.70 2.86 0.00	60.14 3.33 0.00	56.03 3.27 0.00	58.33 3.85 0.00	65.32 4.57 0.00	72.60 4.45 0.00	56.95 2.91 0.00	57.60 2.60 0.00	55.28 2.42 0.00	51.93 2.45 0.00
RUSSELL___2 23532	42.65 0.54 0.00	33.11 -0.09 0.00	31.49 -0.40 0.00	34.65 -0.36 0.00	31.45 -0.31 0.00	31.65 -0.22 0.00	35.34 0.10 0.00	34.69 -0.02 0.00	33.88 0.14 0.00	36.07 1.12 0.00	43.33 1.84 0.00	47.01 2.32 0.00	49.85 2.48 0.00	57.91 3.12 0.00	57.70 2.86 0.00	60.14 3.33 0.00	56.03 3.27 0.00	58.33 3.85 0.00	65.32 4.57 0.00	72.60 4.45 0.00	56.95 2.91 0.00	57.60 2.60 0.00	55.28 2.42 0.00	51.93 2.45 0.00
RUSSELL___3 23549	42.65 0.54 0.00	33.11 -0.09 0.00	31.49 -0.40 0.00	34.65 -0.36 0.00	31.45 -0.31 0.00	31.65 -0.22 0.00	35.34 0.10 0.00	34.69 -0.02 0.00	33.88 0.14 0.00	36.07 1.12 0.00	43.33 1.84 0.00	47.01 2.32 0.00	49.85 2.48 0.00	57.91 3.12 0.00	57.70 2.86 0.00	60.14 3.33 0.00	56.03 3.27 0.00	58.33 3.85 0.00	65.32 4.57 0.00	72.60 4.45 0.00	56.95 2.91 0.00	57.60 2.60 0.00	55.28 2.42 0.00	51.93 2.45 0.00
RUSSELL___4 23556	42.65 0.54 0.00	33.11 -0.09 0.00	31.49 -0.40 0.00	34.65 -0.36 0.00	31.45 -0.31 0.00	31.65 -0.22 0.00	35.34 0.10 0.00	34.69 -0.02 0.00	33.88 0.14 0.00	36.07 1.12 0.00	43.33 1.84 0.00	47.01 2.32 0.00	49.85 2.48 0.00	57.91 3.12 0.00	57.70 2.86 0.00	60.14 3.33 0.00	56.03 3.27 0.00	58.33 3.85 0.00	65.32 4.57 0.00	72.60 4.45 0.00	56.95 2.91 0.00	57.60 2.60 0.00	55.28 2.42 0.00	51.93 2.45 0.00
RUSSELL___STATION 23914	42.65 0.54 0.00	33.11 -0.09 0.00	31.49 -0.40 0.00	34.65 -0.36 0.00	31.45 -0.31 0.00	31.65 -0.22 0.00	35.34 0.10 0.00	34.69 -0.02 0.00	33.88 0.14 0.00	36.07 1.12 0.00	43.33 1.84 0.00	47.01 2.32 0.00	49.85 2.48 0.00	57.91 3.12 0.00	57.70 2.86 0.00	60.14 3.33 0.00	56.03 3.27 0.00	58.33 3.85 0.00	65.32 4.57 0.00	72.60 4.45 0.00	56.95 2.91 0.00	57.60 2.60 0.00	55.28 2.42 0.00	51.93 2.45 0.00
S SALMON___HYD 24043	42.47 0.36 0.00	33.36 0.16 0.00	32.06 0.05 -0.12	35.43 0.05 -0.37	31.83 0.06 0.00	31.99 0.11 0.00	35.60 0.19 -0.16	34.83 0.08 -0.04	33.62 -0.11 0.00	34.87 -0.08 0.00	41.44 -0.05 0.00	44.51 -0.19 0.00	47.51 -0.17 -0.31	55.17 -0.16 -0.54	54.67 -0.16 0.00	56.84 0.03 0.00	53.14 0.21 -0.17	13.09 0.52 41.92	68.38 1.09 -6.54	77.04 1.44 -7.45	55.20 1.17 0.00	56.20 1.16 -0.04	54.06 1.00 -0.19	52.19 0.83 -1.88
S.PERRY__115KV_TB1 80734	42.11 -0.01 0.00	32.66 -0.53 0.00	31.15 -0.76 -0.02	34.38 -0.68 -0.06	31.22 -0.54 0.00	31.36 -0.51 0.00	35.05 -0.22 -0.03	34.31 -0.40 -0.01	33.08 -0.66 0.00	34.57 -0.39 0.00	41.43 -0.06 0.00	44.87 0.18 0.00	47.97 0.56 -0.05	55.81 0.94 -0.08	55.63 0.80 0.00	58.36 1.54 0.00	54.93 2.17 0.00	57.16 2.68 0.00	64.55 3.80 0.00	72.62 4.48 0.00	57.23 3.20 0.00	57.72 2.72 0.00	55.29 2.43 0.00	52.97 3.49 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.55 -0.57 0.00	32.04 -1.16 0.00	30.34 -1.55 0.00	33.52 -1.48 0.00	30.45 -1.31 0.00	30.66 -1.21 0.00	34.43 -0.81 0.00	33.72 -0.99 0.00	33.08 -0.66 0.00	35.74 0.79 0.00	43.15 1.66 0.00	46.83 2.14 0.00	49.77 2.40 0.00	57.74 2.95 0.00	57.16 2.32 0.00	59.46 2.65 0.00	55.26 2.50 0.00	57.53 3.05 0.00	64.34 3.59 0.00	71.34 3.19 0.00	55.97 1.94 0.00	56.77 1.78 0.00	54.80 1.93 0.00	51.89 2.41 0.00

SAWYER___23_KV_LOAD 55526	41.55 -0.57 0.00	32.04 -1.16 0.00	30.34 -1.55 0.00	33.52 -1.48 0.00	30.45 -1.31 0.00	30.66 -1.21 0.00	34.43 -0.81 0.00	33.72 -0.99 0.00	33.08 -0.66 0.00	35.74 0.79 0.00	43.15 1.66 0.00	46.83 2.14 0.00	49.77 2.40 0.00	57.74 2.95 0.00	57.16 2.32 0.00	59.46 2.65 0.00	55.26 2.50 0.00	57.53 3.05 0.00	64.34 3.59 0.00	71.34 3.19 0.00	55.97 1.94 0.00	56.77 1.78 0.00	54.80 1.93 0.00	51.89 2.41 0.00
SELKIRK___I 23801	41.41 -0.71 0.00	32.71 -0.49 0.00	31.54 -0.35 0.00	34.60 -0.41 0.00	31.40 -0.36 0.00	31.50 -0.37 0.00	34.68 -0.57 0.00	34.13 -0.57 0.00	33.03 -0.71 0.00	34.01 -0.94 0.00	39.92 -1.30 0.27	42.85 -1.48 0.36	45.39 -1.64 0.34	52.24 -2.00 0.55	52.98 -1.86 0.00	55.42 -1.39 0.00	51.63 -1.13 0.00	53.63 -0.86 0.00	59.95 -0.80 0.00	66.80 -1.35 0.00	53.00 -1.04 0.00	53.54 -1.46 0.00	51.52 -1.35 0.00	48.17 -1.32 0.00
SELKIRK___II 23799	41.71 -0.41 0.00	32.93 -0.27 0.00	31.73 -0.15 0.00	34.81 -0.20 0.00	31.58 -0.18 0.00	31.68 -0.19 0.00	34.89 -0.36 0.00	34.40 -0.30 0.00	33.38 -0.35 0.00	34.41 -0.54 0.00	40.39 -0.79 0.31	43.35 -0.91 0.43	45.93 -1.04 0.40	52.83 -1.32 0.64	53.67 -1.17 0.00	56.16 -0.65 0.00	52.33 -0.44 0.00	54.38 -0.11 0.00	60.63 -0.11 0.00	67.40 -0.75 0.00	53.38 -0.66 0.00	53.90 -1.10 0.00	51.87 -1.00 0.00	48.50 -0.98 0.00
SENECA OSWGO___HYD 24041	41.41 -0.70 0.00	32.52 -0.67 0.00	31.36 -0.71 -0.18	34.79 -0.78 -0.57	31.07 -0.69 0.00	31.20 -0.67 0.00	34.80 -0.70 -0.25	34.05 -0.70 -0.05	33.06 -0.67 0.00	34.39 -0.56 0.00	40.93 -0.56 0.00	44.11 -0.58 0.00	47.23 -0.62 -0.48	54.94 -0.66 -0.82	54.20 -0.64 0.00	56.49 -0.32 0.00	52.90 -0.13 -0.26	41.28 0.19 13.39	71.08 0.43 -9.90	79.61 0.18 -11.28	53.93 -0.11 0.00	54.69 -0.38 -0.07	52.71 -0.44 -0.29	51.90 -0.43 -2.84
SENECA___115KV_TB3 355854	41.89 -0.22 0.00	32.30 -0.90 0.00	30.59 -1.30 0.00	33.78 -1.22 0.00	30.68 -1.09 0.00	30.89 -0.98 0.00	34.69 -0.55 0.00	33.99 -0.72 0.00	33.37 -0.37 0.00	36.02 1.07 0.00	43.52 2.03 0.00	47.28 2.59 0.00	50.29 2.93 0.00	58.38 3.59 0.00	57.82 2.99 0.00	60.20 3.39 0.00	55.91 3.15 0.00	58.23 3.74 0.00	65.17 4.42 0.00	72.21 4.06 0.00	56.56 2.53 0.00	57.28 2.28 0.00	55.25 2.39 0.00	52.21 2.73 0.00
SENECA___ENERGY 23797	42.06 -0.05 0.00	32.88 -0.32 0.00	31.49 -0.47 -0.07	34.71 -0.52 -0.23	31.35 -0.42 0.00	31.50 -0.36 0.00	35.13 -0.22 -0.10	34.43 -0.29 -0.02	33.46 -0.28 0.00	34.91 -0.04 0.00	41.79 0.30 0.00	45.03 0.34 0.00	48.05 0.49 -0.19	55.98 0.86 -0.33	55.75 0.91 0.00	58.11 1.30 0.00	54.52 1.65 -0.10	48.87 2.23 7.85	67.72 3.00 -3.97	75.57 2.90 -4.53	55.73 1.69 0.00	56.26 1.23 -0.03	54.03 1.05 -0.11	51.57 0.95 -1.14
SHOEMAKER___GT 23640	43.25 1.13 0.00	34.02 0.82 0.00	32.61 0.72 0.00	35.73 0.73 0.00	32.39 0.63 0.00	32.47 0.60 0.00	35.91 0.67 0.00	35.49 0.78 0.00	34.63 0.90 0.00	34.91 0.88 0.91	43.02 1.06 -0.46	46.37 1.06 -0.63	49.04 1.08 -0.59	56.89 1.16 -0.94	56.12 1.28 0.00	58.90 2.08 0.00	54.96 2.19 0.00	57.15 2.67 0.00	63.64 2.89 0.00	70.43 2.28 0.00	55.38 1.35 0.00	55.80 0.80 0.00	53.79 0.93 0.00	50.28 0.80 0.00
SHOEMAKR_138KV_BK 111 55601	43.23 1.11 0.00	33.98 0.79 0.00	32.58 0.69 0.00	35.72 0.72 0.00	32.37 0.61 0.00	32.44 0.58 0.00	35.90 0.65 0.00	35.47 0.76 0.00	34.63 0.90 0.00	34.96 0.89 0.88	43.05 1.10 -0.46	46.41 1.10 -0.62	49.07 1.12 -0.58	56.92 1.20 -0.93	56.16 1.32 0.00	58.93 2.12 0.00	54.98 2.22 0.00	57.15 2.66 0.00	63.60 2.86 0.00	70.36 2.21 0.00	55.31 1.27 0.00	55.73 0.73 0.00	53.74 0.87 0.00	50.24 0.76 0.00
SHOREHAM_IC_1 23715	44.47 2.35 0.00	34.91 1.72 0.00	33.58 1.69 0.00	36.91 1.91 0.00	35.47 1.59 -2.11	53.49 1.64 -19.98	36.79 1.55 0.00	35.94 1.24 0.00	35.11 1.37 0.00	37.02 1.19 -0.89	43.42 1.61 -0.32	45.23 1.44 0.90	49.02 1.40 -0.24	56.79 1.97 -0.03	79.60 2.86 -21.90	88.14 3.57 -27.76	79.58 3.80 -23.01	58.24 3.75 0.00	64.26 3.51 0.00	68.36 1.86 1.65	52.16 0.45 2.33	47.65 0.13 7.48	25.95 0.40 27.32	28.03 0.21 21.66
SHOREHAM_IC_2 23716	44.47 2.35 0.00	34.91 1.72 0.00	33.58 1.69 0.00	36.91 1.91 0.00	35.47 1.59 -2.11	53.49 1.65 -19.98	36.79 1.54 0.00	35.94 1.24 0.00	35.11 1.37 0.00	37.03 1.19 -0.89	43.45 1.64 -0.33	45.27 1.48 0.90	49.02 1.41 -0.24	56.79 1.97 -0.03	79.60 2.86 -21.90	88.14 3.56 -27.76	79.58 3.80 -23.01	58.24 3.75 0.00	64.25 3.51 0.00	68.37 1.86 1.65	52.20 0.49 2.33	47.66 0.14 7.48	26.00 0.45 27.32	28.05 0.23 21.66
SISSONVILLE____ 23735	43.08 0.97 0.00	34.30 1.10 0.00	32.85 0.94 -0.02	36.10 1.05 -0.05	32.73 0.96 0.00	32.81 0.94 0.00	36.46 1.19 -0.02	35.57 0.86 0.00	34.01 0.28 0.00	35.10 0.14 0.00	41.34 -0.15 0.00	44.50 -0.19 0.00	47.31 -0.10 -0.04	54.55 -0.31 -0.07	54.25 -0.59 0.00	54.99 -1.82 0.00	50.97 -1.81 -0.02	-382.40 -3.20 433.69	58.08 -3.54 -0.88	66.83 -2.32 -1.00	53.74 -0.30 0.00	55.74 0.73 -0.01	53.73 0.84 -0.03	50.68 0.94 -0.25
SITHE_IND_GS1 24169	40.79 -1.32 0.00	32.05 -1.14 0.00	30.23 -1.15 0.52	32.09 -1.26 1.66	30.65 -1.12 0.00	30.76 -1.11 0.00	33.33 -1.19 0.72	33.35 -1.20 0.16	32.59 -1.14 0.00	33.91 -1.04 0.00	40.36 -1.13 0.00	43.51 -1.18 0.00	44.71 -1.27 1.39	50.99 -1.42 2.38	53.42 -1.42 0.00	55.57 -1.24 0.00	50.99 -1.02 0.75	51.64 -0.81 2.04	31.09 -0.78 28.87	34.09 -1.15 32.91	52.95 -1.09 0.00	53.50 -1.31 0.19	50.73 -1.30 0.84	39.96 -1.23 8.29
SITHE_IND_GS2 24170	40.79 -1.32 0.00	32.05 -1.14 0.00	30.23 -1.15 0.52	32.09 -1.26 1.66	30.65 -1.12 0.00	30.76 -1.11 0.00	33.33 -1.19 0.72	33.35 -1.20 0.16	32.59 -1.14 0.00	33.91 -1.04 0.00	40.36 -1.13 0.00	43.51 -1.18 0.00	44.71 -1.27 1.39	50.99 -1.42 2.38	53.42 -1.42 0.00	55.57 -1.24 0.00	50.99 -1.02 0.75	51.64 -0.81 2.04	31.09 -0.78 28.87	34.09 -1.15 32.91	52.95 -1.09 0.00	53.50 -1.31 0.19	50.73 -1.30 0.84	39.96 -1.23 8.29
SITHE_IND_GS3 24171	40.79 -1.32 0.00	32.05 -1.14 0.00	30.23 -1.15 0.52	32.09 -1.26 1.66	30.65 -1.12 0.00	30.76 -1.11 0.00	33.33 -1.19 0.72	33.35 -1.20 0.16	32.59 -1.14 0.00	33.91 -1.04 0.00	40.36 -1.13 0.00	43.51 -1.18 0.00	44.71 -1.27 1.39	50.99 -1.42 2.38	53.42 -1.42 0.00	55.57 -1.24 0.00	50.99 -1.02 0.75	51.64 -0.81 2.04	31.09 -0.78 28.87	34.09 -1.15 32.91	52.95 -1.09 0.00	53.50 -1.31 0.19	50.73 -1.30 0.84	39.96 -1.23 8.29
SITHE_IND_GS4 24172	40.79 -1.32 0.00	32.05 -1.14 0.00	30.23 -1.15 0.52	32.09 -1.26 1.66	30.65 -1.12 0.00	30.76 -1.11 0.00	33.33 -1.19 0.72	33.35 -1.20 0.16	32.59 -1.14 0.00	33.91 -1.04 0.00	40.36 -1.13 0.00	43.51 -1.18 0.00	44.71 -1.27 1.39	50.99 -1.42 2.38	53.42 -1.42 0.00	55.57 -1.24 0.00	50.99 -1.02 0.75	51.64 -0.81 2.04	31.09 -0.78 28.87	34.09 -1.15 32.91	52.95 -1.09 0.00	53.50 -1.31 0.19	50.73 -1.30 0.84	39.96 -1.23 8.29

SITHE___BATAVIA 24024	42.78 0.66 0.00	33.02 -0.17 0.00	31.28 -0.61 0.00	34.51 -0.49 0.00	31.33 -0.43 0.00	31.57 -0.30 0.00	35.43 0.18 0.00	34.69 -0.02 0.00	33.80 0.06 0.00	36.23 1.28 0.00	43.54 2.05 0.00	47.21 2.52 0.00	50.10 2.73 0.00	58.13 3.34 0.00	57.79 2.95 0.00	60.20 3.39 0.00	56.05 3.28 0.00	58.52 4.03 0.00	65.79 5.05 0.00	73.51 5.37 0.00	54.82 3.76 2.98	58.54 3.54 0.00	56.24 3.38 0.00	53.04 3.55 0.00
SITHE___INDEPEND 23800	40.79 -1.32 0.00	32.05 -1.14 0.00	30.22 -1.15 0.52	32.09 -1.26 1.66	30.65 -1.12 0.00	30.76 -1.11 0.00	33.33 -1.19 0.72	33.35 -1.20 0.16	32.59 -1.14 0.00	33.91 -1.04 0.00	40.36 -1.13 0.00	43.51 -1.18 0.00	44.71 -1.27 1.39	50.99 -1.42 2.38	53.42 -1.42 0.00	55.57 -1.24 0.00	50.99 -1.02 0.75	51.64 -0.81 2.04	31.09 -0.78 28.87	34.09 -1.15 32.91	52.95 -1.09 0.00	53.50 -1.31 0.19	50.73 -1.30 0.84	39.96 -1.23 8.29
SITHE___MASSENA 23902	42.87 0.76 0.00	34.01 0.82 0.00	32.60 0.71 0.00	35.80 0.79 0.00	32.50 0.73 0.00	32.57 0.70 0.00	36.15 0.91 0.00	35.49 0.79 0.00	34.29 0.55 0.00	35.45 0.50 0.00	41.89 0.40 0.00	45.14 0.45 0.00	47.95 0.59 0.00	55.52 0.73 0.00	55.30 0.46 0.00	56.22 -0.59 0.00	52.03 -0.74 0.00	-584.90 -2.01 637.38	58.28 -2.47 0.00	66.60 -1.55 0.00	53.81 -0.23 0.00	55.59 0.59 0.00	53.35 0.49 0.00	50.15 0.66 0.00
SITHE___OGDNSBRG 24021	43.92 1.80 0.00	34.88 1.68 0.00	33.38 1.49 0.00	36.66 1.65 0.00	33.28 1.51 0.00	33.37 1.50 0.00	37.06 1.82 0.00	36.16 1.46 0.00	34.48 0.74 0.00	35.50 0.55 0.00	41.89 0.40 0.00	45.12 0.43 0.00	47.94 0.57 0.00	55.41 0.62 0.00	55.15 0.31 0.00	55.84 -0.97 0.00	51.69 -1.07 0.00	-460.86 -2.51 512.84	58.03 -2.72 0.00	67.41 -0.74 0.00	55.08 1.05 0.00	57.03 2.03 0.00	54.76 1.90 0.00	51.38 1.90 0.00
SITHE___STERLING 23777	43.33 1.22 0.00	34.02 0.83 0.00	32.66 0.74 -0.03	35.94 0.84 -0.09	32.53 0.76 0.00	32.70 0.83 0.00	36.24 0.96 -0.04	35.55 0.83 -0.01	34.37 0.63 0.00	35.54 0.59 0.00	42.27 0.78 0.00	45.56 0.87 0.00	48.42 0.98 -0.08	56.17 1.24 -0.13	56.13 1.29 0.00	58.47 1.66 0.00	54.62 1.81 -0.04	32.84 2.31 23.95	65.43 3.04 -1.64	73.49 3.48 -1.87	56.64 2.60 0.00	57.30 2.29 -0.01	54.96 2.05 -0.05	51.63 1.67 -0.47
SLEIGHT__34_KV_TB1 80719	41.96 -0.16 0.00	32.70 -0.49 0.00	31.22 -0.69 -0.02	34.34 -0.73 -0.07	31.14 -0.63 0.00	31.33 -0.54 0.00	34.93 -0.34 -0.03	34.27 -0.44 -0.01	33.36 -0.37 0.00	35.15 0.20 0.00	42.11 0.61 0.00	45.62 0.93 0.00	48.45 1.02 -0.06	56.31 1.43 -0.10	56.12 1.28 0.00	58.49 1.68 0.00	54.63 1.83 -0.03	56.91 2.33 -0.08	64.94 2.99 -1.20	72.39 2.87 -1.37	55.76 1.73 0.00	56.36 1.36 -0.01	54.09 1.19 -0.03	51.01 1.19 -0.34
SMITHTWN_69_KV_BK 1 55830	44.56 2.44 0.00	35.06 1.87 0.00	33.73 1.85 0.00	37.08 2.07 0.00	35.63 1.76 -2.11	53.68 1.87 -19.95	37.01 1.77 0.00	36.16 1.46 0.00	35.33 1.59 0.00	37.30 1.46 -0.89	43.83 2.02 -0.33	45.62 1.94 1.02	49.00 1.82 0.19	56.18 2.39 1.01	77.38 3.18 -19.37	88.58 4.00 -27.76	79.97 4.19 -23.01	58.61 4.12 0.00	64.64 3.90 0.00	68.83 2.32 1.63	52.60 0.88 2.31	48.14 0.58 7.44	26.61 0.87 27.12	28.60 0.65 21.53
SOUTH CAIRO___GT 23612	43.23 1.11 0.00	34.06 0.86 0.00	32.78 0.89 0.00	35.91 0.90 0.00	32.58 0.82 0.00	32.73 0.86 0.00	36.06 0.82 0.00	35.53 0.83 0.00	34.20 0.47 0.00	34.95 -0.01 0.00	41.00 -0.31 0.18	44.06 -0.38 0.25	46.73 -0.40 0.24	54.00 -0.41 0.37	54.57 -0.27 0.00	57.40 0.58 0.00	53.69 0.93 0.00	56.24 1.75 0.00	63.48 2.74 0.00	71.02 2.87 0.00	56.34 2.30 0.00	56.68 1.68 0.00	54.27 1.41 0.00	50.48 0.99 0.00
SOUTH HAMPTN___IC 23720	45.48 3.36 0.00	35.56 2.36 0.00	34.17 2.28 0.00	37.61 2.60 0.00	36.05 2.17 -2.11	53.97 2.12 -19.99	37.36 2.12 0.00	36.46 1.75 0.00	35.67 1.94 0.00	37.64 1.80 -0.89	44.28 2.46 -0.32	46.26 2.46 0.89	50.14 2.49 -0.28	58.31 3.39 -0.13	81.45 4.49 -22.13	89.87 5.30 -27.76	81.16 5.38 -23.01	59.83 5.35 0.00	66.00 5.26 0.00	70.17 3.67 1.65	53.42 1.72 2.33	49.04 1.54 7.49	27.24 1.76 27.38	29.25 1.46 21.70
SOUTHDOW_115KV_TB1 355954	42.79 0.67 0.00	32.98 -0.22 0.00	31.25 -0.64 0.00	34.47 -0.54 0.00	31.31 -0.46 0.00	31.58 -0.29 0.00	35.62 0.37 0.00	34.94 0.24 0.00	34.33 0.60 0.00	36.91 1.96 0.00	44.70 3.21 0.00	48.60 3.91 0.00	51.06 3.69 0.00	59.40 4.61 0.00	58.85 4.01 0.00	61.25 4.43 0.00	56.86 4.10 0.00	59.31 4.82 0.00	66.58 5.84 0.00	73.58 5.43 0.00	57.44 3.41 0.00	58.00 3.00 0.00	56.89 4.03 0.00	53.32 3.84 0.00
SOUTHOLD_69_KV_BK 2 55809	46.65 4.54 0.00	36.25 3.05 0.00	34.80 2.91 0.00	38.37 3.37 0.00	36.65 2.77 -2.11	54.37 2.51 -19.99	37.85 2.61 0.00	36.86 2.16 0.00	36.11 2.38 0.00	38.03 2.19 -0.89	44.86 3.04 -0.32	47.02 3.22 0.89	50.29 2.63 -0.28	58.54 3.62 -0.13	82.12 5.17 -22.12	90.65 6.08 -27.76	81.90 6.13 -23.01	60.50 6.01 0.00	66.74 4.37 0.00	70.88 4.37 1.65	53.76 2.06 2.33	50.26 2.75 7.49	28.71 3.22 27.37	30.61 2.82 21.69
SOUTHOLD___IC 23719	46.65 4.54 0.00	36.25 3.05 0.00	34.80 2.91 0.00	38.37 3.37 0.00	36.65 2.77 -2.11	54.37 2.51 -19.99	37.85 2.61 0.00	36.86 2.16 0.00	36.11 2.38 0.00	38.03 2.19 -0.89	44.83 3.02 -0.32	46.99 3.19 0.89	50.28 2.63 -0.28	58.54 3.63 -0.13	82.13 5.17 -22.12	90.65 6.08 -27.76	81.90 6.13 -23.01	60.49 6.01 0.00	66.73 5.99 0.00	70.86 4.36 1.65	53.72 2.01 2.33	50.26 2.75 7.49	28.67 3.18 27.37	30.60 2.81 21.69
SOUTH_FORK_WT_PWR 323839	46.77 4.65 0.00	36.24 3.05 0.00	34.80 2.91 0.00	38.43 3.43 0.00	36.65 2.77 -2.11	54.21 2.35 -19.99	37.71 2.47 0.00	36.63 1.92 0.00	35.87 2.14 0.00	37.70 1.86 -0.89	44.46 2.64 -0.32	46.62 2.82 0.89	50.43 2.79 -0.28	59.04 4.12 -0.13	82.84 5.87 -22.13	91.39 6.82 -27.76	82.55 6.77 -23.01	61.07 6.59 0.00	67.43 6.69 0.00	71.58 5.07 1.65	54.24 2.53 2.33	50.28 2.78 7.49	28.67 3.18 27.38	30.67 2.88 21.70
SPIERFLS_115KV_TB 1 80737	43.28 1.17 0.00	34.18 0.98 0.00	32.94 1.05 0.00	36.22 1.22 0.00	32.75 0.98 0.00	32.91 1.05 0.00	36.26 1.02 0.00	35.76 1.06 0.00	34.58 0.85 0.00	35.49 0.54 0.00	41.10 0.09 0.48	44.20 0.16 0.64	46.83 0.08 0.61	53.69 -0.12 0.97	55.08 0.24 0.00	57.96 1.15 0.00	54.39 1.63 0.00	56.97 2.48 0.00	64.45 3.70 0.00	71.78 3.63 0.00	56.93 2.89 0.00	57.26 2.26 0.00	54.78 1.91 0.00	50.95 1.46 0.00
ST LAWRENCE____ 23600	42.31 0.20 0.00	33.54 0.34 0.00	32.17 0.28 0.00	35.32 0.32 0.00	32.08 0.31 0.00	32.14 0.27 0.00	35.64 0.40 0.00	35.05 0.35 0.00	33.96 0.23 0.00	35.07 0.11 0.00	41.48 -0.01 0.00	44.68 -0.01 0.00	47.47 0.10 0.00	54.99 0.20 0.00	54.81 -0.03 0.00	56.00 -0.81 0.00	51.84 -0.92 0.00	113.02 -1.71 -60.25	58.46 -2.29 0.00	66.58 -1.57 0.00	53.31 -0.73 0.00	54.91 -0.09 0.00	52.65 -0.21 0.00	49.48 -0.01 0.00

STATE_CA_115KV_115_LB 55624	42.16 0.05 0.00	33.31 0.11 0.00	32.09 0.20 0.00	35.16 0.16 0.00	31.93 0.17 0.00	32.05 0.18 0.00	35.28 0.03 0.00	34.81 0.10 0.00	33.77 0.04 0.00	34.80 -0.15 0.00	40.66 -0.38 0.45	43.63 -0.46 0.60	46.30 -0.49 0.57	53.17 -0.70 0.91	54.33 -0.50 0.00	56.91 0.09 0.00	53.08 0.32 0.00	55.23 0.74 0.00	61.60 0.86 0.00	68.41 0.25 0.00	54.12 0.09 0.00	54.58 -0.42 0.00	52.48 -0.39 0.00	49.03 -0.46 0.00
STATE_ST_34_KV_LOAD 55959	42.34 0.23 0.00	33.18 -0.01 0.00	31.88 -0.08 -0.08	35.06 -0.21 -0.26	31.67 -0.09 0.00	31.85 -0.02 0.00	35.46 0.10 -0.11	34.64 -0.09 -0.03	33.69 -0.04 0.00	34.98 0.03 0.00	41.82 0.33 0.00	45.14 0.45 0.00	48.08 0.50 -0.22	56.01 0.84 -0.38	55.68 0.84 0.00	57.85 1.04 0.00	54.32 1.44 -0.12	48.32 1.97 8.14	67.97 2.65 -4.58	76.01 2.65 -5.22	55.55 1.52 0.00	56.12 1.09 -0.03	53.92 0.93 -0.13	51.60 0.80 -1.32
STATION_5_MISC_HYD 23604	42.38 0.26 0.00	32.91 -0.29 0.00	31.30 -0.59 0.00	34.45 -0.55 0.00	31.28 -0.49 0.00	31.47 -0.40 0.00	35.14 -0.10 0.00	34.50 -0.21 0.00	33.69 -0.04 0.00	35.85 0.90 0.00	43.04 1.55 0.00	46.69 1.99 0.00	49.47 2.10 0.00	57.43 2.64 0.00	57.21 2.37 0.00	59.60 2.79 0.00	55.51 2.74 0.00	57.78 3.29 0.00	64.66 3.91 0.00	71.92 3.77 0.00	54.56 2.42 1.90	57.14 2.14 0.00	54.86 2.00 0.00	51.58 2.10 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.13 0.01 0.00	32.82 -0.38 0.00	31.32 -0.59 -0.02	34.47 -0.59 -0.06	31.26 -0.51 0.00	31.42 -0.44 0.00	35.05 -0.22 -0.03	34.42 -0.30 -0.01	33.53 -0.20 0.00	35.35 0.40 0.00	42.37 0.88 0.00	45.81 1.12 0.00	48.71 1.29 -0.05	56.61 1.73 -0.09	56.43 1.59 0.00	58.83 2.02 0.00	54.98 2.19 -0.03	57.28 2.71 -0.08	65.27 3.41 -1.11	72.67 3.25 -1.27	56.02 1.98 0.00	56.61 1.61 -0.01	54.35 1.45 -0.03	51.26 1.46 -0.32
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.11 0.00 0.00	32.71 -0.48 0.00	31.13 -0.76 0.00	34.24 -0.76 0.00	31.10 -0.67 0.00	31.28 -0.59 0.00	34.92 -0.32 0.00	34.30 -0.41 0.00	33.48 -0.25 0.00	35.60 0.65 0.00	42.74 1.25 0.00	46.33 1.64 0.00	49.12 1.75 0.00	57.04 2.26 0.00	56.85 2.01 0.00	59.24 2.43 0.00	55.18 2.42 0.00	57.43 2.94 0.00	64.28 3.53 0.00	71.47 3.32 0.00	56.09 2.06 0.00	56.76 1.76 0.00	54.49 1.62 0.00	51.20 1.72 0.00
STA_56___34_KV_BUS2 355983	42.11 0.00 0.00	32.71 -0.48 0.00	31.13 -0.76 0.00	34.24 -0.76 0.00	31.10 -0.67 0.00	31.28 -0.59 0.00	34.92 -0.32 0.00	34.30 -0.41 0.00	33.48 -0.25 0.00	35.60 0.65 0.00	42.74 1.25 0.00	46.33 1.64 0.00	49.12 1.75 0.00	57.04 2.26 0.00	56.85 2.01 0.00	59.24 2.43 0.00	55.18 2.42 0.00	57.43 2.94 0.00	64.28 3.53 0.00	71.47 3.32 0.00	56.09 2.06 0.00	56.76 1.76 0.00	54.49 1.62 0.00	51.20 1.72 0.00
STA_67___115KV_BK2 355882	42.24 0.13 0.00	32.81 -0.39 0.00	31.21 -0.67 0.00	34.36 -0.64 0.00	31.20 -0.57 0.00	31.39 -0.48 0.00	35.05 -0.19 0.00	34.40 -0.30 0.00	33.59 -0.14 0.00	35.74 0.79 0.00	42.92 1.43 0.00	46.53 1.84 0.00	49.29 1.93 0.00	57.24 2.45 0.00	56.99 2.16 0.00	59.38 2.57 0.00	55.30 2.53 0.00	57.54 3.05 0.00	64.41 3.66 0.00	71.63 3.48 0.00	56.26 2.22 0.00	56.95 1.95 0.00	54.70 1.83 0.00	51.44 1.95 0.00
STA_7___115KV_9TRANS 80674	42.65 0.54 0.00	33.11 -0.09 0.00	31.49 -0.40 0.00	34.65 -0.36 0.00	31.45 -0.31 0.00	31.65 -0.22 0.00	35.34 0.10 0.00	34.69 -0.02 0.00	33.88 0.14 0.00	36.07 1.12 0.00	43.33 1.84 0.00	47.01 2.32 0.00	49.85 2.48 0.00	57.91 3.12 0.00	57.70 2.86 0.00	60.14 3.33 0.00	56.03 3.27 0.00	58.33 3.85 0.00	65.32 4.57 0.00	72.60 4.45 0.00	56.95 2.91 0.00	57.60 2.60 0.00	55.28 2.42 0.00	51.93 2.45 0.00
STA_82___115KV_TB1 80780	42.30 0.18 0.00	32.84 -0.35 0.00	31.24 -0.65 0.00	34.39 -0.62 0.00	31.23 -0.54 0.00	31.42 -0.45 0.00	35.08 -0.15 0.00	34.44 -0.27 0.00	33.62 -0.11 0.00	35.77 0.82 0.00	42.94 1.45 0.00	46.56 1.87 0.00	49.29 1.93 0.00	57.23 2.44 0.00	56.99 2.16 0.00	59.38 2.57 0.00	55.30 2.53 0.00	57.55 3.06 0.00	64.42 3.67 0.00	71.67 3.52 0.00	56.27 2.23 0.00	56.97 1.97 0.00	54.71 1.84 0.00	51.47 1.98 0.00
STEEL___WIND 323596	41.83 -0.29 0.00	32.25 -0.95 0.00	30.55 -1.34 0.00	33.74 -1.26 0.00	30.63 -1.13 0.00	30.85 -1.02 0.00	34.63 -0.61 0.00	33.95 -0.75 0.00	33.32 -0.41 0.00	35.97 1.02 0.00	43.45 1.96 0.00	47.20 2.51 0.00	50.20 2.84 0.00	58.27 3.48 0.00	57.72 2.88 0.00	60.08 3.27 0.00	55.81 3.04 0.00	58.12 3.63 0.00	65.01 4.27 0.00	72.06 3.91 0.00	52.04 2.43 4.43	57.20 2.20 0.00	55.15 2.29 0.00	52.13 2.64 0.00
STEPHTWN_115KV_BK_2 55603	42.24 0.13 0.00	33.33 0.13 0.00	32.11 0.22 0.00	35.18 0.18 0.00	31.90 0.13 0.00	32.04 0.18 0.00	35.33 0.08 0.00	34.82 0.11 0.00	33.80 0.06 0.00	34.81 -0.14 0.00	40.74 -0.32 0.43	43.78 -0.32 0.59	46.29 -0.52 0.55	53.14 -0.77 0.88	54.39 -0.45 0.00	57.02 0.21 0.00	53.25 0.48 0.00	55.50 1.02 0.00	61.99 1.24 0.00	68.77 0.62 0.00	54.23 0.19 0.00	54.66 -0.34 0.00	52.61 -0.26 0.00	49.20 -0.29 0.00
STEBEN_REC_LFGE 323667	41.58 -0.53 0.00	32.32 -0.87 0.00	30.98 -0.94 -0.03	34.32 -0.79 -0.10	31.07 -0.70 0.00	31.14 -0.73 0.00	34.68 -0.61 -0.05	34.00 -0.72 -0.01	33.00 -0.73 0.00	34.52 -0.43 0.00	41.36 -0.14 0.00	44.68 -0.01 0.00	47.96 0.51 -0.09	55.89 0.95 -0.15	55.64 0.80 0.00	58.39 1.57 0.00	55.61 2.81 -0.04	58.03 3.43 -0.11	66.89 4.55 -1.59	74.45 4.49 -1.81	56.61 2.58 0.00	56.67 1.66 -0.01	54.67 1.77 -0.05	51.85 1.91 -0.46
STILLWATER___SOLAR 323814	43.43 1.31 0.00	34.24 1.05 0.00	33.00 1.11 0.00	36.24 1.24 0.00	32.80 1.04 0.00	32.96 1.09 0.00	36.35 1.11 0.00	35.79 1.08 0.00	34.63 0.89 0.00	35.61 0.66 0.00	41.45 0.48 0.53	44.50 0.52 0.71	47.11 0.42 0.68	54.03 0.32 1.08	55.43 0.59 0.00	58.16 1.35 0.00	54.45 1.69 0.00	56.91 2.42 0.00	63.93 3.19 0.00	71.23 3.08 0.00	56.39 2.35 0.00	56.83 1.83 0.00	54.55 1.69 0.00	50.85 1.37 0.00
STONY___BROOK 24151	44.51 2.40 0.00	35.03 1.83 0.00	33.70 1.81 0.00	37.03 2.03 0.00	35.60 1.72 -2.11	53.65 1.82 -19.96	36.98 1.74 0.00	36.13 1.42 0.00	35.30 1.56 0.00	37.26 1.43 -0.89	43.76 1.94 -0.32	45.57 1.82 0.95	49.02 1.60 -0.05	56.47 2.11 0.42	78.53 2.87 -20.82	88.23 3.66 -27.76	79.64 3.86 -23.01	58.27 3.79 0.00	64.26 3.52 0.00	68.38 1.86 1.64	52.24 0.52 2.32	47.92 0.37 7.45	26.32 0.65 27.19	28.44 0.54 21.58
STURGEON_POOL_HYD 23609	43.62 1.51 0.00	34.27 1.08 0.00	32.86 0.97 0.00	36.01 1.01 0.00	32.62 0.86 0.00	32.68 0.81 0.00	36.15 0.91 0.00	35.77 1.06 0.00	34.99 1.25 0.00	36.25 1.30 0.00	43.41 1.64 -0.28	46.71 1.64 -0.38	49.39 1.66 -0.36	57.20 1.84 -0.57	56.80 1.97 0.00	59.74 2.93 0.00	55.76 2.99 0.00	57.96 3.48 0.00	64.35 3.60 0.00	70.93 2.77 0.00	55.70 1.66 0.00	56.10 1.10 0.00	54.12 1.26 0.00	50.57 1.09 0.00

ST_LAW_115_BK7_LBMP 345037	42.36 0.24 0.00	33.57 0.38 0.00	32.20 0.31 0.00	35.35 0.35 0.00	32.10 0.33 0.00	32.17 0.30 0.00	35.67 0.43 0.00	35.08 0.37 0.00	33.97 0.23 0.00	35.07 0.12 0.00	41.47 -0.02 0.00	44.66 -0.03 0.00	47.45 0.08 0.00	54.97 0.18 0.00	54.79 -0.05 0.00	55.89 -0.92 0.00	51.74 -1.02 0.00	123.10 -1.91 -70.52	58.24 -2.51 0.00	66.41 -1.74 0.00	53.25 -0.78 0.00	54.90 -0.10 0.00	52.67 -0.19 0.00	49.50 0.01 0.00
ST_LAW_115_BK8_LBMP 345038	42.36 0.24 0.00	33.57 0.38 0.00	32.20 0.31 0.00	35.35 0.35 0.00	32.10 0.33 0.00	32.17 0.30 0.00	35.67 0.43 0.00	35.08 0.37 0.00	33.97 0.23 0.00	35.07 0.12 0.00	41.47 -0.02 0.00	44.66 -0.03 0.00	47.45 0.08 0.00	54.97 0.18 0.00	54.79 -0.05 0.00	55.89 -0.92 0.00	51.74 -1.02 0.00	123.10 -1.91 -70.52	58.24 -2.51 0.00	66.41 -1.74 0.00	53.25 -0.78 0.00	54.90 -0.10 0.00	52.67 -0.19 0.00	49.50 0.01 0.00
ST_LAW_230_BK5_LBMP 345035	42.31 0.20 0.00	33.54 0.34 0.00	32.17 0.28 0.00	35.32 0.32 0.00	32.08 0.31 0.00	32.14 0.27 0.00	35.64 0.40 0.00	35.05 0.35 0.00	33.96 0.23 0.00	35.07 0.11 0.00	41.48 -0.01 0.00	44.68 -0.01 0.00	47.47 0.10 0.00	54.99 0.20 0.00	54.81 -0.03 0.00	56.00 -0.81 0.00	51.84 -0.92 0.00	98.02 -1.71 -45.25	58.46 -2.29 0.00	66.58 -1.57 0.00	53.31 -0.73 0.00	54.91 -0.09 0.00	52.65 -0.21 0.00	49.48 -0.01 0.00
ST_LAW_230_BK6_LBMP 345036	42.31 0.20 0.00	33.54 0.34 0.00	32.17 0.28 0.00	35.32 0.32 0.00	32.08 0.31 0.00	32.14 0.27 0.00	35.64 0.40 0.00	35.05 0.35 0.00	33.96 0.23 0.00	35.07 0.11 0.00	41.48 -0.01 0.00	44.68 -0.01 0.00	47.47 0.10 0.00	54.99 0.20 0.00	54.81 -0.03 0.00	56.00 -0.81 0.00	51.84 -0.92 0.00	98.02 -1.71 -45.25	58.46 -2.29 0.00	66.58 -1.57 0.00	53.31 -0.73 0.00	54.91 -0.09 0.00	52.65 -0.21 0.00	49.48 -0.01 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.38 1.26 0.00	34.09 0.90 0.00	32.67 0.78 0.00	35.80 0.80 0.00	32.45 0.68 0.00	32.51 0.64 0.00	35.99 0.74 0.00	35.58 0.87 0.00	34.80 1.07 0.00	34.99 1.09 1.05	43.37 1.40 -0.48	46.80 1.46 -0.65	49.48 1.50 -0.61	57.39 1.63 -0.98	56.57 1.74 0.00	59.45 2.64 0.00	55.42 2.66 0.00	57.59 3.10 0.00	63.99 3.25 0.00	70.64 2.49 0.00	55.42 1.39 0.00	55.80 0.80 0.00	53.83 0.97 0.00	50.35 0.86 0.00
SWANROAD_115KV_TB1 355699	40.95 -1.16 0.00	31.57 -1.63 0.00	29.88 -2.01 0.00	33.04 -1.97 0.00	30.01 -1.76 0.00	30.23 -1.64 0.00	33.94 -1.30 0.00	33.12 -1.59 0.00	32.43 -1.30 0.00	35.15 0.20 0.00	42.35 0.86 0.00	45.92 1.23 0.00	48.76 1.39 0.00	56.46 1.68 0.00	55.82 0.98 0.00	58.04 1.23 0.00	53.92 1.15 0.00	56.13 1.65 0.00	62.79 2.05 0.00	69.76 1.61 0.00	54.86 0.83 0.00	55.80 0.81 0.00	53.81 0.95 0.00	51.18 1.70 0.00
SYNERGY___BIOGAS 323694	42.79 0.67 0.00	33.02 -0.18 0.00	31.28 -0.61 0.00	34.51 -0.49 0.00	31.33 -0.43 0.00	31.57 -0.30 0.00	35.43 0.18 0.00	34.69 -0.01 0.00	33.80 0.06 0.00	36.22 1.27 0.00	43.54 2.05 0.00	47.21 2.51 0.00	50.10 2.73 0.00	58.13 3.34 0.00	57.79 2.95 0.00	60.20 3.39 0.00	56.05 3.28 0.00	58.52 4.03 0.00	65.81 5.06 0.00	73.53 5.38 0.00	57.79 3.76 0.00	58.54 3.54 0.00	56.23 3.37 0.00	53.04 3.55 0.00
SYRACUSE___ENERGY_ST1 323597	41.82 -0.30 0.00	32.88 -0.32 0.00	31.63 -0.36 -0.10	34.90 -0.42 -0.31	31.42 -0.35 0.00	31.55 -0.32 0.00	35.09 -0.29 -0.14	34.40 -0.33 -0.03	33.43 -0.30 0.00	34.78 -0.17 0.00	41.47 -0.02 0.00	44.73 0.04 0.00	47.71 0.08 -0.26	55.45 0.21 -0.45	55.08 0.25 0.00	57.40 0.59 0.00	53.67 0.76 -0.14	45.76 1.16 9.89	67.72 1.53 -5.44	75.68 1.33 -6.20	54.73 0.70 0.00	55.40 0.37 -0.04	53.29 0.26 -0.16	51.25 0.20 -1.56
SYRACUSE___ENERGY_ST2 323598	41.82 -0.30 0.00	32.88 -0.32 0.00	31.63 -0.36 -0.10	34.90 -0.42 -0.31	31.42 -0.35 0.00	31.55 -0.32 0.00	35.09 -0.29 -0.14	34.40 -0.33 -0.03	33.43 -0.30 0.00	34.78 -0.17 0.00	41.47 -0.02 0.00	44.73 0.04 0.00	47.71 0.08 -0.26	55.45 0.21 -0.45	55.08 0.25 0.00	57.40 0.59 0.00	53.67 0.76 -0.14	45.76 1.16 9.89	67.72 1.53 -5.44	75.68 1.33 -6.20	54.73 0.70 0.00	55.40 0.37 -0.04	53.29 0.26 -0.16	51.25 0.20 -1.56
SYRACUSE___POWER 24017	41.90 -0.21 0.00	32.89 -0.31 0.00	31.59 -0.36 -0.06	34.82 -0.39 -0.21	31.42 -0.34 0.00	31.55 -0.32 0.00	35.04 -0.29 -0.09	34.42 -0.31 -0.02	33.45 -0.28 0.00	34.81 -0.14 0.00	41.50 0.01 0.00	44.77 0.09 0.00	47.66 0.12 -0.17	55.31 0.22 -0.30	55.10 0.26 0.00	57.46 0.65 0.00	53.66 0.80 -0.09	45.09 1.19 10.58	65.94 1.58 -3.61	73.63 1.36 -4.12	54.78 0.74 0.00	55.43 0.41 -0.02	53.29 0.32 -0.10	50.77 0.25 -1.04
TALLMAN__138KV_BK151 55660	43.53 1.41 0.00	34.20 1.00 0.00	32.73 0.84 0.00	35.86 0.86 0.00	32.52 0.75 0.00	32.57 0.70 0.00	36.09 0.85 0.00	35.71 1.01 0.00	34.98 1.24 0.00	34.81 1.29 1.42	43.67 1.67 -0.51	47.14 1.76 -0.69	49.86 1.84 -0.65	57.82 1.98 -1.04	56.91 2.07 0.00	59.86 3.05 0.00	55.78 3.02 0.00	57.94 3.45 0.00	64.28 3.53 0.00	70.86 2.71 0.00	55.49 1.46 0.00	55.82 0.82 0.00	53.88 1.02 0.00	50.42 0.94 0.00
TEALLAVE_115KV_TB7 355573	41.70 -0.42 0.00	32.71 -0.49 0.00	31.41 -0.53 -0.05	34.60 -0.58 -0.17	31.26 -0.51 0.00	31.38 -0.49 0.00	34.85 -0.47 -0.08	34.23 -0.49 -0.02	33.29 -0.45 0.00	34.67 -0.28 0.00	41.35 -0.14 0.00	44.60 -0.09 0.00	47.43 -0.08 -0.14	55.01 -0.03 -0.25	54.83 0.00 0.00	57.18 0.36 0.00	53.37 0.53 -0.08	43.19 0.88 12.17	64.94 1.19 -3.01	72.48 0.90 -3.43	54.42 0.39 0.00	55.10 0.08 -0.02	52.96 0.01 -0.09	50.34 -0.01 -0.86
TELGRAPH_34_KV_EAST 80808	41.76 -0.36 0.00	32.21 -0.99 0.00	30.50 -1.39 0.00	33.70 -1.31 0.00	30.59 -1.17 0.00	30.83 -1.04 0.00	34.60 -0.64 0.00	33.83 -0.87 0.00	33.09 -0.64 0.00	35.70 0.75 0.00	42.98 1.49 0.00	46.64 1.95 0.00	49.51 2.14 0.00	57.38 2.59 0.00	56.87 2.04 0.00	59.17 2.36 0.00	55.01 2.25 0.00	57.35 2.86 0.00	64.23 3.48 0.00	71.48 3.33 0.00	56.17 2.14 0.00	57.01 2.01 0.00	54.90 2.03 0.00	51.99 2.51 0.00
TEMPLE___115KV_TB 2 55572	41.71 -0.40 0.00	32.72 -0.48 0.00	31.42 -0.53 -0.05	34.61 -0.57 -0.17	31.27 -0.50 0.00	31.39 -0.48 0.00	34.85 -0.47 -0.07	34.25 -0.48 -0.02	33.31 -0.42 0.00	34.70 -0.25 0.00	41.37 -0.12 0.00	44.64 -0.05 0.00	47.46 -0.05 -0.14	55.05 0.02 -0.25	54.88 0.04 0.00	57.23 0.42 0.00	53.42 0.57 -0.08	43.53 0.92 11.87	64.98 1.23 -3.00	72.52 0.95 -3.42	54.46 0.43 0.00	55.13 0.11 -0.02	52.98 0.03 -0.09	50.36 0.01 -0.86
TIANA____69_KV_BK 1 55817	45.23 3.12 0.00	35.41 2.22 0.00	34.04 2.15 0.00	37.43 2.43 0.00	35.92 2.05 -2.11	53.90 2.04 -19.99	37.25 2.01 0.00	36.39 1.69 0.00	35.60 1.87 0.00	37.58 1.74 -0.89	44.19 2.37 -0.32	46.14 2.34 0.89	49.97 2.32 -0.28	58.04 3.12 -0.13	81.11 4.15 -22.12	89.50 4.92 -27.76	80.82 5.05 -23.01	59.50 5.02 0.00	65.64 4.90 0.00	69.83 3.33 1.65	53.22 1.51 2.33	48.77 1.26 7.49	27.00 1.51 27.37	28.98 1.20 21.70

TILDEN___115KV_TB1 80814	41.90 -0.21 0.00	32.89 -0.31 0.00	31.59 -0.36 -0.06	34.82 -0.39 -0.21	31.42 -0.34 0.00	31.55 -0.32 0.00	35.04 -0.29 -0.09	34.42 -0.31 -0.02	33.45 -0.28 0.00	34.81 -0.14 0.00	41.50 0.01 0.00	44.77 0.09 0.00	47.66 0.12 -0.17	55.31 0.22 -0.30	55.10 0.26 0.00	57.46 0.65 0.00	53.66 0.80 -0.09	45.09 1.19 10.58	65.94 1.58 -3.61	73.63 1.36 -4.12	54.78 0.74 0.00	55.43 0.41 -0.02	53.29 0.32 -0.10	50.77 0.25 -1.04
TRIGEN___CC 323695	44.07 1.96 0.00	34.64 1.45 0.00	33.26 1.37 0.00	36.47 1.47 0.00	34.81 1.27 -1.77	50.09 1.46 -16.76	36.59 1.35 0.00	35.92 1.22 0.00	35.14 1.40 0.00	37.18 1.34 -0.89	43.90 1.87 -0.54	47.23 1.93 -0.61	50.09 2.01 -0.71	58.36 2.43 -1.14	81.97 2.89 -24.25	88.33 3.75 -27.76	79.52 3.74 -23.01	58.21 3.73 0.00	64.35 3.61 0.00	70.43 2.43 0.15	55.00 1.18 0.22	55.16 0.76 0.60	57.86 1.10 -3.89	48.64 0.91 1.75
TRINITY___115KV___4 BK 55933	41.93 -0.19 0.00	33.13 -0.06 0.00	31.94 0.05 0.00	35.00 0.00 0.00	31.78 0.02 0.00	31.90 0.04 0.00	35.12 -0.12 0.00	34.64 -0.07 0.00	33.60 -0.14 0.00	34.60 -0.35 0.00	40.42 -0.64 0.44	43.37 -0.74 0.59	45.97 -0.84 0.56	52.78 -1.11 0.89	53.92 -0.92 0.00	56.48 -0.33 0.00	52.66 -0.10 0.00	54.78 0.29 0.00	61.10 0.36 0.00	67.86 -0.28 0.00	53.72 -0.31 0.00	54.19 -0.81 0.00	52.14 -0.72 0.00	48.72 -0.76 0.00
UNION___PROCESSING_DRP 323587	42.31 0.19 0.00	32.85 -0.35 0.00	31.25 -0.64 0.00	34.39 -0.61 0.00	31.23 -0.54 0.00	31.42 -0.44 0.00	35.09 -0.15 0.00	34.45 -0.26 0.00	33.63 -0.11 0.00	35.77 0.82 0.00	42.95 1.45 0.00	46.56 1.87 0.00	49.30 1.94 0.00	57.24 2.45 0.00	57.01 2.18 0.00	59.40 2.59 0.00	55.30 2.54 0.00	57.56 3.07 0.00	64.44 3.69 0.00	71.69 3.54 0.00	56.29 2.26 0.00	57.00 2.00 0.00	54.73 1.86 0.00	51.47 1.99 0.00
UPPER HUDSON___HYD 24058	43.28 1.17 0.00	34.18 0.99 0.00	32.94 1.05 0.00	36.22 1.22 0.00	32.75 0.98 0.00	32.91 1.05 0.00	36.26 1.02 0.00	35.76 1.06 0.00	34.58 0.85 0.00	35.49 0.54 0.00	41.10 0.09 0.48	44.20 0.15 0.64	46.83 0.08 0.61	53.69 -0.12 0.97	55.08 0.24 0.00	57.96 1.15 0.00	54.39 1.63 0.00	56.97 2.48 0.00	64.45 3.70 0.00	71.77 3.62 0.00	56.92 2.89 0.00	57.27 2.27 0.00	54.78 1.91 0.00	50.95 1.46 0.00
UPPER RAQUET___HYD 24056	43.08 0.97 0.00	34.30 1.10 0.00	32.85 0.94 -0.02	36.10 1.05 -0.05	32.73 0.96 0.00	32.81 0.94 0.00	36.46 1.19 -0.02	35.57 0.86 0.00	34.01 0.28 0.00	35.10 0.14 0.00	41.34 -0.15 0.00	44.50 -0.19 0.00	47.31 -0.10 -0.04	54.55 -0.31 -0.07	54.25 -0.59 0.00	54.99 -1.82 0.00	50.97 -1.81 -0.02	-382.40 -3.20 433.69	58.08 -3.54 -0.88	66.83 -2.32 -1.00	53.74 -0.30 0.00	55.74 0.74 -0.01	53.73 0.84 -0.03	50.68 0.94 -0.25
VALLEY44_115KV_TB2 355964	41.28 -0.83 0.00	32.02 -1.17 0.00	30.44 -1.45 0.00	33.59 -1.42 0.00	30.51 -1.25 0.00	30.70 -1.17 0.00	34.53 -0.71 0.00	33.84 -0.87 0.00	33.17 -0.56 0.00	35.39 0.44 0.00	42.61 1.11 0.00	46.17 1.47 0.00	49.02 1.65 0.00	56.90 2.11 0.00	56.42 1.59 0.00	58.99 2.17 0.00	54.99 2.23 0.00	57.28 2.80 0.00	64.26 3.52 0.00	70.94 2.79 0.00	55.49 1.45 0.00	56.08 1.08 0.00	54.48 1.62 0.00	51.07 1.59 0.00
VALLEY___115KV_TB 1-4 80826	42.67 0.56 0.00	33.63 0.43 0.00	32.41 0.52 0.00	35.57 0.56 0.00	32.27 0.50 0.00	32.42 0.55 0.00	35.73 0.48 0.00	35.04 0.33 0.00	33.73 0.00 0.00	34.67 -0.28 0.00	40.99 -0.50 0.00	44.28 -0.41 0.00	46.94 -0.43 0.00	54.16 -0.63 0.00	54.40 -0.44 0.00	57.04 0.22 0.00	53.21 0.45 0.00	47.57 1.20 8.12	62.87 2.13 0.00	70.33 2.18 0.00	55.53 1.50 0.00	55.98 0.98 0.00	53.71 0.85 0.00	49.97 0.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.46 1.34 0.00	34.16 0.96 0.00	32.93 1.03 -0.02	36.15 1.09 -0.06	32.72 0.95 0.00	32.75 0.88 0.00	36.23 0.96 -0.03	35.66 0.95 -0.01	34.77 1.04 0.00	36.18 1.23 0.00	43.11 1.62 0.00	46.45 1.76 0.00	49.32 1.90 -0.05	57.13 2.25 -0.09	57.15 2.31 0.00	59.69 2.88 0.00	55.69 2.90 -0.03	57.93 3.37 -0.07	65.72 3.92 -1.05	73.07 3.73 -1.19	56.66 2.62 0.00	57.21 2.21 -0.01	54.97 2.07 -0.03	51.59 1.81 -0.30
VISCHER___FERRY HYD 24020	42.85 0.73 0.00	33.83 0.63 0.00	32.60 0.71 0.00	35.81 0.80 0.00	32.43 0.67 0.00	32.58 0.71 0.00	35.90 0.65 0.00	35.37 0.67 0.00	34.27 0.53 0.00	35.27 0.32 0.00	40.93 0.09 0.65	43.88 0.07 0.88	46.49 -0.04 0.84	53.24 -0.21 1.33	54.87 0.03 0.00	57.54 0.73 0.00	53.70 0.94 0.00	56.00 1.51 0.00	62.60 1.86 0.00	69.61 1.46 0.00	55.14 1.11 0.00	55.61 0.60 0.00	53.44 0.58 0.00	49.91 0.43 0.00
V_A_10_SYNC_DSASP 323832	41.43 -0.68 0.00	32.08 -1.12 0.00	30.45 -1.44 0.00	33.60 -1.40 0.00	30.52 -1.24 0.00	30.73 -1.14 0.00	34.43 -0.81 0.00	33.74 -0.96 0.00	33.03 -0.70 0.00	35.48 0.53 0.00	42.69 1.19 0.00	46.26 1.57 0.00	49.13 1.76 0.00	56.96 2.18 0.00	56.47 1.64 0.00	58.78 1.97 0.00	54.68 1.91 0.00	56.89 2.40 0.00	63.61 2.87 0.00	70.63 2.49 0.00	55.47 1.44 0.00	56.29 1.29 0.00	54.25 1.39 0.00	51.29 1.81 0.00
V_CMM_10_SYNC_DSASP 323787	42.47 0.35 0.00	33.67 0.48 0.00	32.29 0.40 0.00	35.45 0.45 0.00	32.19 0.42 0.00	32.25 0.38 0.00	35.77 0.54 0.00	35.18 0.47 0.00	34.06 0.32 0.00	35.17 0.22 0.00	41.59 0.10 0.00	44.80 0.11 0.00	47.71 0.34 0.00	55.28 0.49 0.00	55.09 0.25 0.00	56.22 -0.59 0.00	52.03 -0.73 0.00	123.41 -1.59 -70.52	58.59 -2.15 0.00	66.80 -1.35 0.00	53.57 -0.47 0.00	55.19 0.19 0.00	52.95 0.09 0.00	49.78 0.29 0.00
V_CMP_10_SYNC_DSASP 323788	42.57 0.45 0.00	34.08 0.88 0.00	32.57 0.69 0.00	35.88 0.87 0.00	32.56 0.79 0.00	32.66 0.79 0.00	36.19 0.95 0.00	35.47 0.76 0.00	34.23 0.50 0.00	35.29 0.34 0.00	41.88 0.39 0.00	44.97 0.28 0.00	47.77 0.40 0.00	55.28 0.49 0.00	55.32 0.49 0.00	56.58 -0.23 0.00	52.41 -0.36 0.00	53.37 -1.12 0.00	59.25 -1.50 0.00	67.30 -0.85 0.00	54.16 0.13 0.00	55.43 0.44 0.00	52.99 0.13 0.00	49.72 0.24 0.00
V_D_10_SYNC_DSASP 323841	42.87 0.75 0.00	34.00 0.81 0.00	32.60 0.71 0.00	35.79 0.78 0.00	32.49 0.72 0.00	32.56 0.69 0.00	36.14 0.90 0.00	35.49 0.79 0.00	34.29 0.55 0.00	35.44 0.49 0.00	41.89 0.40 0.00	45.14 0.45 0.00	47.95 0.59 0.00	55.51 0.72 0.00	55.30 0.46 0.00	56.22 -0.59 0.00	52.03 -0.73 0.00	162.19 -1.97 -109.67	58.30 -2.44 0.00	66.62 -1.53 0.00	53.81 -0.23 0.00	55.58 0.57 0.00	53.34 0.48 0.00	50.13 0.65 0.00
V_E_10_SYNC_DSASP 323830	44.41 2.30 0.00	35.04 1.85 0.00	33.70 1.77 -0.04	37.25 2.12 -0.13	33.73 1.97 0.00	33.88 2.01 0.00	37.63 2.33 -0.06	36.77 2.05 -0.01	35.61 1.88 0.00	36.98 2.03 0.00	44.12 2.63 0.00	47.50 2.81 0.00	50.62 3.14 -0.11	58.77 3.79 -0.19	58.65 3.81 0.00	61.37 4.55 0.00	57.61 4.79 -0.06	60.53 5.88 -0.16	70.45 7.45 -2.26	78.87 8.15 -2.57	61.14 5.92 -1.19	60.29 5.28 -0.02	57.75 4.82 -0.06	54.31 4.18 -0.65



V_F_30_NSYNC___DSASP 323816	43.51 1.39 0.00	34.30 1.10 0.00	33.03 1.14 0.00	36.28 1.27 0.00	32.85 1.08 0.00	32.99 1.12 0.00	36.39 1.15 0.00	35.84 1.14 0.00	34.69 0.96 0.00	35.71 0.76 0.00	41.61 0.62 0.51	44.70 0.69 0.68	47.33 0.61 0.65	54.31 0.55 1.03	55.63 0.79 0.00	58.37 1.56 0.00	54.62 1.86 0.00	57.07 2.59 0.00	64.08 3.33 0.00	71.39 3.24 0.00	56.48 2.45 0.00	56.94 1.94 0.00	54.66 1.80 0.00	50.96 1.47 0.00
V_F_30_SYNC_DSASP 323786	42.16 0.05 0.00	33.30 0.11 0.00	32.09 0.20 0.00	35.16 0.16 0.00	31.93 0.16 0.00	32.05 0.18 0.00	35.28 0.03 0.00	34.81 0.10 0.00	33.76 0.03 0.00	34.79 -0.16 0.00	40.66 -0.39 0.45	43.63 -0.46 0.60	46.29 -0.51 0.57	53.17 -0.71 0.91	54.32 -0.52 0.00	56.90 0.09 0.00	53.08 0.31 0.00	55.22 0.74 0.00	61.60 0.86 0.00	68.39 0.24 0.00	54.12 0.08 0.00	54.58 -0.42 0.00	52.48 -0.39 0.00	49.03 -0.46 0.00
V_XM_10_SYNC_DSASP 323789	42.57 0.45 0.00	34.08 0.88 0.00	32.57 0.69 0.00	35.88 0.87 0.00	32.56 0.79 0.00	32.66 0.79 0.00	36.19 0.95 0.00	35.47 0.76 0.00	34.23 0.50 0.00	35.29 0.34 0.00	41.88 0.39 0.00	44.97 0.28 0.00	47.77 0.40 0.00	55.28 0.49 0.00	55.32 0.49 0.00	56.58 -0.23 0.00	52.41 -0.36 0.00	53.37 -1.12 0.00	59.25 -1.50 0.00	67.30 -0.85 0.00	54.16 0.13 0.00	55.43 0.44 0.00	52.99 0.13 0.00	49.72 0.24 0.00
W.BABYLN_69_KV_BK1 56697	44.86 2.75 0.00	35.26 2.07 0.00	33.92 2.03 0.00	37.25 2.25 0.00	35.74 1.94 -2.04	53.29 2.07 -19.35	37.25 2.01 0.00	36.46 1.75 0.00	35.63 1.90 0.00	37.56 1.72 -0.89	44.17 2.32 -0.36	46.46 2.34 0.57	50.28 2.44 -0.47	58.37 3.01 -0.57	81.86 3.67 -23.35	88.98 4.41 -27.76	80.37 4.59 -23.01	59.10 4.61 0.00	65.26 4.52 0.00	69.97 3.18 1.36	53.68 1.58 1.94	49.84 1.27 6.43	32.18 1.54 22.22	32.09 1.23 18.62
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.79 1.67 0.00	34.39 1.20 0.00	32.93 1.04 0.00	36.07 1.07 0.00	32.70 0.93 0.00	32.77 0.89 0.00	36.30 1.06 0.00	35.92 1.22 0.00	35.18 1.45 0.00	34.92 1.52 1.55	43.95 1.94 -0.52	47.45 2.05 -0.71	50.17 2.14 -0.67	58.21 2.35 -1.07	57.32 2.48 0.00	60.30 3.49 0.00	56.20 3.44 0.00	58.38 3.89 0.00	64.77 4.02 0.00	71.35 3.21 0.00	55.89 1.86 0.00	56.21 1.21 0.00	54.23 1.37 0.00	50.73 1.25 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	44.01 1.90 0.00	34.61 1.42 0.00	33.10 1.21 0.00	36.22 1.22 0.00	32.82 1.06 0.00	32.93 1.07 0.00	36.51 1.27 0.00	36.17 1.47 0.00	35.47 1.74 0.00	37.67 1.82 -0.90	44.30 2.25 -0.56	47.59 2.14 -0.76	50.22 2.14 -0.71	58.17 2.24 -1.14	57.19 2.35 0.00	60.21 3.40 0.00	56.08 3.32 0.00	58.20 3.72 0.00	64.43 3.69 0.00	70.82 2.67 0.00	55.46 1.43 0.00	55.88 0.88 0.00	54.10 1.24 0.00	50.80 1.32 0.00
W50THST__13_KV_LOAD 356117	44.35 2.24 0.00	34.84 1.65 0.00	33.31 1.42 0.00	36.43 1.43 0.00	33.02 1.26 0.00	33.15 1.28 0.00	36.78 1.54 0.00	36.47 1.77 0.00	35.78 2.04 0.00	38.00 2.15 -0.90	44.68 2.63 -0.56	47.99 2.54 -0.76	50.60 2.52 -0.71	58.64 2.71 -1.14	57.63 2.80 0.00	60.69 3.88 0.00	56.52 3.76 0.00	58.65 4.16 0.00	64.86 4.12 0.00	71.28 3.14 0.00	55.80 1.77 0.00	56.22 1.22 0.00	54.45 1.58 0.00	51.20 1.72 0.00
WADING RIVER_IC_1 23522	44.44 2.32 0.00	34.88 1.68 0.00	33.55 1.66 0.00	36.87 1.87 0.00	35.44 1.56 -2.11	53.47 1.61 -19.99	36.75 1.51 0.00	35.91 1.20 0.00	35.08 1.35 0.00	37.00 1.16 -0.89	43.42 1.60 -0.32	45.23 1.43 0.89	49.02 1.36 -0.29	56.88 1.95 -0.14	79.81 2.83 -22.15	88.09 3.52 -27.76	79.52 3.74 -23.01	58.17 3.68 0.00	64.17 3.43 0.00	68.25 1.75 1.65	52.08 0.38 2.34	47.62 0.11 7.50	25.83 0.36 27.40	27.97 0.19 21.71
WADING RIVER_IC_2 23547	44.44 2.32 0.00	34.88 1.68 0.00	33.55 1.66 0.00	36.87 1.87 0.00	35.44 1.56 -2.11	53.47 1.61 -19.99	36.75 1.51 0.00	35.91 1.20 0.00	35.08 1.35 0.00	37.00 1.16 -0.89	43.42 1.60 -0.32	45.23 1.43 0.89	49.02 1.36 -0.29	56.88 1.95 -0.14	79.81 2.83 -22.15	88.09 3.52 -27.76	79.52 3.74 -23.01	58.17 3.68 0.00	64.17 3.43 0.00	68.25 1.75 1.65	52.08 0.38 2.34	47.62 0.11 7.50	25.83 0.36 27.40	27.97 0.19 21.71
WADING RIVER_IC_3 23601	44.44 2.32 0.00	34.88 1.68 0.00	33.55 1.66 0.00	36.87 1.87 0.00	35.44 1.56 -2.11	53.47 1.61 -19.99	36.75 1.51 0.00	35.91 1.20 0.00	35.08 1.35 0.00	37.00 1.16 -0.89	43.42 1.60 -0.32	45.23 1.43 0.89	49.02 1.36 -0.29	56.88 1.95 -0.14	79.81 2.83 -22.15	88.09 3.52 -27.76	79.52 3.74 -23.01	58.17 3.68 0.00	64.17 3.43 0.00	68.25 1.75 1.65	52.08 0.38 2.34	47.62 0.11 7.50	25.83 0.36 27.40	27.97 0.19 21.71
WALDENNY_12_KV_BK2 80841	41.90 -0.21 0.00	32.30 -0.90 0.00	30.58 -1.31 0.00	33.78 -1.22 0.00	30.67 -1.09 0.00	30.89 -0.97 0.00	34.70 -0.54 0.00	33.99 -0.71 0.00	33.36 -0.37 0.00	36.06 1.10 0.00	43.55 2.06 0.00	47.33 2.63 0.00	50.34 2.97 0.00	58.45 3.66 0.00	57.89 3.05 0.00	60.28 3.47 0.00	55.98 3.21 0.00	58.29 3.80 0.00	65.21 4.47 0.00	72.27 4.12 0.00	56.61 2.58 0.00	57.33 2.33 0.00	55.27 2.40 0.00	52.26 2.78 0.00
WALDEN___HYDRO 24148	43.67 1.55 0.00	34.31 1.11 0.00	32.86 0.97 0.00	36.01 1.00 0.00	32.63 0.86 0.00	32.70 0.83 0.00	36.20 0.96 0.00	35.79 1.08 0.00	35.00 1.26 0.00	35.89 1.29 0.34	43.53 1.60 -0.44	46.93 1.65 -0.59	49.62 1.69 -0.56	57.55 1.86 -0.89	56.86 2.03 0.00	59.78 2.97 0.00	55.78 3.02 0.00	58.02 3.53 0.00	64.48 3.73 0.00	71.17 3.03 0.00	55.85 1.81 0.00	56.23 1.23 0.00	54.22 1.36 0.00	50.66 1.18 0.00
WARRENSBURG____ 23737	43.28 1.17 0.00	34.18 0.98 0.00	32.94 1.05 0.00	36.22 1.22 0.00	32.75 0.98 0.00	32.91 1.05 0.00	36.26 1.02 0.00	35.76 1.06 0.00	34.58 0.85 0.00	35.49 0.54 0.00	41.10 0.09 0.48	44.20 0.16 0.64	46.83 0.08 0.61	53.69 -0.12 0.97	55.08 0.24 0.00	57.96 1.15 0.00	54.39 1.63 0.00	56.97 2.48 0.00	64.45 3.70 0.00	71.78 3.63 0.00	56.93 2.89 0.00	57.26 2.26 0.00	54.78 1.91 0.00	50.95 1.46 0.00
WATERSIDE____6 8 9 23538	43.96 1.84 0.00	34.60 1.40 0.00	33.03 1.14 0.00	36.15 1.14 0.00	32.80 1.04 0.00	32.92 1.05 0.00	36.48 1.23 0.00	36.16 1.46 0.00	35.50 1.76 0.00	37.63 1.78 -0.89	44.14 2.09 -0.56	47.40 1.96 -0.76	49.87 1.79 -0.71	57.73 1.80 -1.14	56.69 1.85 0.00	59.72 2.91 0.00	55.61 2.84 0.00	57.72 3.23 0.00	63.83 3.08 0.00	70.06 1.91 0.00	54.95 0.91 0.00	55.09 0.41 0.32	53.84 0.98 0.00	50.59 1.11 0.00
WATKINRD_115KV_LN8_ILLION 55919	42.44 0.33 0.00	33.45 0.25 0.00	32.21 0.32 0.00	35.35 0.34 0.00	32.07 0.31 0.00	32.20 0.33 0.00	35.52 0.28 0.00	34.87 0.17 0.00	33.68 -0.05 0.00	34.70 -0.25 0.00	41.07 -0.42 0.00	44.31 -0.38 0.00	46.97 -0.40 0.00	54.22 -0.57 0.00	54.41 -0.43 0.00	56.90 0.08 0.00	53.03 0.26 0.00	47.20 0.83 8.12	62.23 1.48 0.00	69.62 1.47 0.00	55.02 0.98 0.00	55.59 0.59 0.00	53.36 0.50 0.00	49.72 0.24 0.00

WDELAWARE___HYD 323627	43.19 1.08 0.00	33.90 0.71 0.00	32.46 0.57 0.00	35.54 0.54 0.00	32.19 0.43 0.00	32.26 0.39 0.00	35.69 0.45 0.00	35.30 0.59 0.00	34.50 0.76 0.00	35.45 0.76 0.27	42.83 0.99 -0.35	46.17 1.01 -0.47	48.87 1.06 -0.45	56.73 1.22 -0.72	56.03 1.20 0.00	57.55 0.73 0.00	53.87 1.10 0.00	56.23 1.75 0.00	62.71 1.97 0.00	69.29 1.14 0.00	54.52 0.48 0.00	56.09 1.09 0.00	53.96 1.09 0.00	50.32 0.84 0.00
WEST BABYLON___IC 23714	44.86 2.75 0.00	35.26 2.07 0.00	33.92 2.03 0.00	37.25 2.25 0.00	35.74 1.94 -2.04	53.29 2.07 -19.35	37.25 2.01 0.00	36.46 1.75 0.00	35.63 1.90 0.00	37.56 1.72 -0.89	44.17 2.32 -0.36	46.46 2.34 0.57	50.28 2.44 -0.47	58.37 3.01 -0.57	81.86 3.67 -23.35	88.98 4.41 -27.76	80.37 4.59 -23.01	59.10 4.61 0.00	65.26 4.52 0.00	69.97 3.18 1.36	53.68 1.58 1.94	49.84 1.27 6.43	32.18 1.54 22.22	32.09 1.23 18.62
WEST CANADA___HYD 24049	42.12 0.00 0.00	33.18 -0.02 0.00	31.89 0.00 0.00	35.00 0.00 0.00	31.76 0.00 0.00	31.87 0.00 0.00	35.21 -0.03 0.00	34.68 -0.03 0.00	33.70 -0.04 0.00	34.88 -0.07 0.00	41.41 -0.08 0.00	44.59 -0.10 0.00	47.25 -0.12 0.00	54.63 -0.16 0.00	54.74 -0.10 0.00	56.89 0.07 0.00	52.93 0.16 0.00	46.71 0.33 8.12	61.19 0.44 0.00	68.44 0.29 0.00	54.19 0.15 0.00	55.00 0.00 0.00	52.86 0.00 0.00	49.43 -0.05 0.00
WESTERN_NY_WIND 24143	42.72 0.60 0.00	32.96 -0.23 0.00	31.22 -0.66 0.00	34.45 -0.55 0.00	31.28 -0.48 0.00	31.52 -0.35 0.00	35.37 0.12 0.00	34.63 -0.07 0.00	33.74 0.01 0.00	36.18 1.23 0.00	43.49 2.00 0.00	47.14 2.45 0.00	50.05 2.68 0.00	58.07 3.28 0.00	57.72 2.88 0.00	60.12 3.31 0.00	55.97 3.21 0.00	58.42 3.94 0.00	65.69 4.95 0.00	73.41 5.26 0.00	57.69 3.65 0.00	58.45 3.45 0.00	56.16 3.30 0.00	52.98 3.49 0.00
WESTOVER___LESR 323668	42.03 -0.08 0.00	32.94 -0.26 0.00	31.66 -0.27 -0.04	34.91 -0.22 -0.13	31.56 -0.21 0.00	31.66 -0.20 0.00	35.19 -0.11 -0.06	34.56 -0.15 -0.01	33.68 -0.05 0.00	35.08 0.13 0.00	41.96 0.47 0.00	45.25 0.56 0.00	48.20 0.72 -0.11	55.90 0.93 -0.18	55.76 0.92 0.00	58.24 1.43 0.00	54.43 1.61 -0.06	56.67 2.03 -0.15	65.46 2.56 -2.15	72.69 2.09 -2.46	55.14 1.11 0.00	55.73 0.72 -0.01	53.71 0.78 -0.06	50.71 0.61 -0.62
WETHRSFD_WT_PWR 323626	40.93 -1.18 0.00	31.87 -1.32 0.00	30.57 -1.35 -0.03	33.85 -1.25 -0.10	30.77 -0.99 0.00	30.76 -1.10 0.00	34.23 -1.05 -0.04	33.39 -1.33 -0.01	31.92 -1.53 0.28	-3.49 -1.65 36.79	-10.27 -1.49 50.27	7.92 -1.55 35.23	45.44 -1.07 0.85	54.10 -0.83 -0.14	53.85 -0.99 0.00	56.80 -0.01 0.00	54.63 1.86 0.00	56.92 2.43 0.00	63.96 3.22 0.00	71.07 2.92 0.00	54.33 1.59 1.29	56.10 1.10 0.00	54.21 1.34 0.00	51.19 1.71 0.00
WHAVSTOR_138KV_BK127 55557	43.44 1.33 0.00	34.14 0.95 0.00	32.70 0.81 0.00	35.82 0.82 0.00	32.49 0.72 0.00	32.54 0.67 0.00	36.03 0.79 0.00	35.65 0.95 0.00	34.90 1.17 0.00	34.58 1.20 1.57	43.56 1.54 -0.52	46.98 1.58 -0.71	49.66 1.62 -0.67	57.58 1.72 -1.07	56.66 1.83 0.00	59.59 2.78 0.00	55.53 2.77 0.00	57.69 3.20 0.00	64.00 3.26 0.00	70.55 2.40 0.00	55.28 1.25 0.00	55.62 0.62 0.00	53.71 0.85 0.00	50.28 0.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.44 1.33 0.00	34.14 0.95 0.00	32.70 0.81 0.00	35.82 0.82 0.00	32.49 0.72 0.00	32.54 0.67 0.00	36.03 0.79 0.00	35.65 0.95 0.00	34.90 1.17 0.00	34.58 1.20 1.57	43.56 1.54 -0.52	46.98 1.58 -0.71	49.66 1.62 -0.67	57.58 1.72 -1.07	56.66 1.83 0.00	59.59 2.78 0.00	55.53 2.77 0.00	57.69 3.20 0.00	64.00 3.26 0.00	70.55 2.40 0.00	55.28 1.25 0.00	55.62 0.62 0.00	53.71 0.85 0.00	50.28 0.79 0.00
WHITEHAL_115KV_TB1 80871	43.06 0.94 0.00	34.37 1.18 0.00	33.17 1.28 0.00	36.53 1.52 0.00	32.86 1.10 0.00	33.09 1.22 0.00	36.45 1.20 0.00	36.11 1.41 0.00	34.69 0.96 0.00	35.28 0.33 0.00	40.84 -0.17 0.49	43.98 -0.05 0.66	46.62 -0.12 0.63	53.46 -0.33 1.00	55.29 0.45 0.00	58.71 1.90 0.00	55.27 2.50 0.00	58.03 3.55 0.00	65.48 4.73 0.00	72.99 4.84 0.00	58.24 4.20 0.00	58.54 3.54 0.00	56.07 3.20 0.00	51.75 2.27 0.00
WHITEPLN_13_KV_LOAD 356215	44.28 2.16 0.00	34.80 1.60 0.00	33.29 1.40 0.00	36.46 1.46 0.00	33.04 1.28 0.00	33.13 1.26 0.00	36.70 1.46 0.00	36.35 1.64 0.00	35.59 1.86 0.00	37.86 1.96 -0.96	44.51 2.46 -0.55	47.97 2.52 -0.75	50.69 2.61 -0.71	58.80 2.88 -1.14	57.86 3.02 0.00	60.90 4.09 0.00	56.82 4.05 0.00	59.02 4.54 0.00	65.41 4.67 0.00	71.94 3.79 0.00	56.35 2.31 0.00	56.72 1.72 0.00	54.73 1.86 0.00	51.24 1.75 0.00
WM_FLOYD_69_KV_BK2 356380	44.80 2.68 0.00	35.18 1.98 0.00	33.84 1.95 0.00	37.18 2.18 0.00	35.73 1.85 -2.11	53.76 1.92 -19.98	37.10 1.86 0.00	36.24 1.53 0.00	35.41 1.68 0.00	37.34 1.50 -0.89	43.81 2.00 -0.33	45.65 1.86 0.90	49.42 1.79 -0.25	57.28 2.43 -0.06	80.09 3.26 -21.99	88.52 3.95 -27.76	79.91 4.13 -23.01	58.59 4.10 0.00	64.67 3.93 0.00	68.88 2.37 1.64	52.62 0.91 2.33	48.11 0.59 7.48	26.45 0.88 27.29	28.48 0.65 21.65
WOODARD__115KV_TB2 355635	41.62 -0.50 0.00	32.66 -0.54 0.00	31.39 -0.57 -0.07	34.61 -0.63 -0.23	31.22 -0.55 0.00	31.34 -0.52 0.00	34.80 -0.54 -0.10	34.18 -0.54 -0.02	33.23 -0.51 0.00	34.59 -0.36 0.00	41.22 -0.27 0.00	44.47 -0.22 0.00	47.34 -0.22 -0.19	54.92 -0.19 -0.33	54.69 -0.15 0.00	57.00 0.18 0.00	53.21 0.34 -0.10	43.65 0.68 11.51	65.67 0.95 -3.98	73.35 0.67 -4.53	54.26 0.23 0.00	54.96 -0.06 -0.03	52.85 -0.13 -0.11	50.47 -0.16 -1.14
WOODMERE_69_KV_BK1 55827	44.81 2.69 0.00	35.19 2.00 0.00	33.77 1.89 0.00	37.01 2.01 0.00	35.37 1.75 -1.86	51.43 1.98 -17.59	37.12 1.88 0.00	36.42 1.72 0.00	35.64 1.91 0.00	37.76 1.91 -0.89	44.94 2.66 -0.79	49.81 2.84 -2.27	51.01 2.92 -0.72	59.45 3.52 -1.14	83.13 4.05 -24.25	89.29 4.72 -27.76	80.37 4.60 -23.01	59.08 4.59 0.00	65.43 4.69 0.00	73.37 3.59 -1.64	58.20 2.03 -2.14	58.54 1.56 -1.98	78.83 1.85 -24.12	56.84 1.63 -5.73
YORK___WARBASSE 23770	44.18 2.07 0.00	34.73 1.54 0.00	33.13 1.24 0.00	36.27 1.26 0.00	32.90 1.14 0.00	33.01 1.14 0.00	36.60 1.36 0.00	36.25 1.54 0.00	35.58 1.85 0.00	37.73 1.89 -0.89	44.34 2.29 -0.56	47.66 2.21 -0.76	50.08 2.00 -0.71	58.06 2.13 -1.14	56.94 2.10 0.00	60.01 3.19 0.00	55.86 3.10 0.00	57.97 3.49 0.00	64.13 3.39 0.00	70.47 2.33 0.00	55.29 1.26 0.00	55.68 0.68 0.00	53.98 1.12 0.00	50.81 1.33 0.00