

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/22/2025

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	41.09	38.19	36.89	33.97	32.81	35.88	39.89	38.93	38.25	36.36	36.36	39.22	40.48	42.14	46.59	48.13	51.48	60.69	67.26	68.74	65.64	55.82	50.94	43.24
24138	2.44	2.13	1.92	1.74	1.59	1.87	1.83	1.92	2.23	2.31	2.32	2.58	2.77	2.84	3.15	3.22	3.41	3.05	3.02	2.64	2.40	2.30	2.79	2.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.34	-0.41	-0.91	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	41.17	38.23	36.96	34.04	32.84	35.92	39.89	38.93	38.22	36.36	36.33	39.22	40.44	42.14	46.59	48.13	51.48	60.69	67.26	68.80	65.64	55.88	50.99	43.28
24260	2.51	2.16	1.99	1.80	1.62	1.90	1.83	1.92	2.20	2.31	2.28	2.58	2.73	2.84	3.15	3.22	3.41	3.05	3.02	2.71	2.40	2.35	2.84	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	41.17	38.23	36.96	34.04	32.84	35.92	39.89	38.93	38.22	36.36	36.33	39.22	40.44	42.14	46.59	48.13	51.48	60.69	67.26	68.80	65.64	55.88	50.99	43.28
24261	2.51	2.16	1.99	1.80	1.62	1.90	1.83	1.92	2.20	2.31	2.28	2.58	2.73	2.84	3.15	3.22	3.41	3.05	3.02	2.71	2.40	2.35	2.84	2.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.33	-0.34	-0.41	-0.91	-0.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	40.36	37.54	36.36	33.49	32.46	35.41	39.40	38.08	36.74	34.55	34.18	36.17	37.18	38.72	41.98	43.91	48.50	58.61	66.04	68.60	66.15	55.82	50.36	42.59
24011	1.70	1.48	1.40	1.26	1.25	1.39	1.33	1.07	0.72	0.51	0.14	0.15	0.11	0.19	0.26	0.40	0.43	0.98	1.80	2.51	2.91	2.30	2.21	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.31	0.37	0.81	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	40.32	37.54	36.33	33.49	32.43	35.41	39.40	38.08	36.70	34.49	34.12	36.10	37.11	38.65	41.86	43.87	48.45	58.61	66.17	68.80	66.34	55.99	50.46	42.63
23798	1.66	1.48	1.36	1.26	1.22	1.40	1.33	1.07	0.68	0.44	0.07	0.07	0.04	0.12	0.13	0.35	0.38	0.98	1.93	2.71	3.10	2.46	2.31	1.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.30	0.36	0.80	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	40.36	37.54	36.36	33.49	32.46	35.41	39.40	38.08	36.74	34.55	34.18	36.17	37.18	38.72	41.98	43.91	48.50	58.61	66.04	68.60	66.15	55.82	50.36	42.59
24028	1.70	1.48	1.40	1.26	1.25	1.39	1.33	1.07	0.72	0.51	0.14	0.15	0.11	0.19	0.26	0.40	0.43	0.98	1.80	2.51	2.91	2.30	2.21	1.91
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.29	0.31	0.37	0.81	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	40.32	37.65	36.37	33.52	32.46	35.41	39.47	38.30	37.10	34.96	34.76	36.40	37.48	38.89	41.57	43.67	49.12	59.13	65.91	67.74	64.88	54.97	49.73	42.18
23527	1.66	1.58	1.40	1.29	1.25	1.40	1.41	1.29	1.08	0.92	0.72	0.73	0.79	0.82	0.85	0.97	1.06	1.50	1.67	1.65	1.64	1.45	1.59	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.68	0.82	1.81	1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	39.08	36.71	35.63	32.91	31.78	34.62	38.52	37.34	36.02	33.98	33.95	35.90	36.82	38.24	41.44	43.23	47.49	56.94	63.34	65.23	62.48	52.93	47.86	40.64
24190	0.43	0.65	0.66	0.68	0.56	0.61	0.46	0.33	0.00	-0.07	-0.10	-0.18	-0.30	-0.35	-0.43	-0.40	-0.58	-0.69	-0.90	-0.86	-0.76	-0.59	-0.29	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.25	0.30	0.67	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	38.54	36.06	34.97	32.20	31.21	34.01	38.37	37.45	36.38	34.25	34.29	36.54	37.63	39.20	42.88	44.34	48.30	58.15	64.82	66.82	64.06	54.16	48.10	40.51
355683	-0.12	0.00	0.00	-0.03	0.00	0.00	0.30	0.44	0.36	0.20	0.24	0.22	0.26	0.31	0.34	0.18	0.24	0.52	0.58	0.73	0.82	0.64	-0.05	-0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	39.74	37.11	36.15	33.36	32.24	35.13	39.02	37.67	36.31	34.21	34.15	36.31	36.50	38.00	41.29	43.11	46.59	53.48	58.31	65.41	62.71	53.13	48.03	40.72
323833	1.08	1.05	1.19	1.13	1.03	1.12	0.95	0.67	0.29	0.17	0.10	0.15	-0.71	-0.70	-0.81	-0.71	-0.82	-0.86	-0.84	-0.66	-0.51	-0.37	-0.10	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.20	0.44	0.35	0.65	3.29	5.10	0.02	0.02	0.02	0.02	0.00
ALBANY_2_SOLAR	39.74	37.11	36.15	33.36	32.24	35.13	39.02	37.63	36.31	34.21	34.15	36.31	36.46	37.95	41.25	43.06	46.55	53.42	58.31	65.41	62.71	53.07	48.03	40.72
323834	1.08	1.05	1.19	1.13	1.03	1.12	0.95	0.63	0.29	0.17	0.10	0.15	-0.75	-0.74	-0.85	-0.75	-0.86	-0.92	-0.84	-0.66	-0.51	-0.43	-0.10	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16	0.20	0.44	0.35	0.65	3.29	5.09	0.02	0.02	0.02	0.02	0.00
ALBANY___1	39.08	36.71	35.63	32.91	31.78	34.62	38.52	37.34	36.02	33.98	33.95	35.90	36.82	38.24	41.44	43.23	47.49	56.94	63.34	65.23	62.48	52.93	47.86	40.64
23571	0.43	0.65	0.66	0.68	0.56	0.61	0.46	0.33	0.00	-0.07	-0.10	-0.18	-0.30	-0.35	-0.43	-0.40	-0.58	-0.69	-0.90	-0.86	-0.76	-0.59	-0.29	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.25	0.30	0.67	0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	39.08 0.43 0.00	36.71 0.65 0.00	35.63 0.66 0.00	32.91 0.68 0.00	31.78 0.56 0.00	34.62 0.61 0.00	38.52 0.46 0.00	37.34 0.33 0.00	36.02 0.00 0.00	33.98 -0.07 0.00	33.95 -0.10 0.00	35.90 -0.18 0.24	36.82 -0.30 0.25	38.24 -0.35 0.30	41.44 -0.43 0.67	43.23 -0.40 0.54	47.49 -0.58 0.00	56.94 -0.69 0.00	63.34 -0.90 0.00	65.23 -0.86 0.00	62.48 -0.76 0.00	52.93 -0.59 0.00	47.86 -0.29 0.00	40.64 -0.04 0.00
ALBANY___3 23573	39.08 0.43 0.00	36.71 0.65 0.00	35.63 0.66 0.00	32.91 0.68 0.00	31.78 0.56 0.00	34.62 0.61 0.00	38.52 0.46 0.00	37.34 0.33 0.00	36.02 0.00 0.00	33.98 -0.07 0.00	33.95 -0.10 0.00	35.90 -0.18 0.24	36.82 -0.30 0.25	38.24 -0.35 0.30	41.44 -0.43 0.67	43.23 -0.40 0.54	47.49 -0.58 0.00	56.94 -0.69 0.00	63.34 -0.90 0.00	65.23 -0.86 0.00	62.48 -0.76 0.00	52.93 -0.59 0.00	47.86 -0.29 0.00	40.64 -0.04 0.00
ALBANY___4 23574	39.08 0.43 0.00	36.71 0.65 0.00	35.63 0.66 0.00	32.91 0.68 0.00	31.78 0.56 0.00	34.62 0.61 0.00	38.52 0.46 0.00	37.34 0.33 0.00	36.02 0.00 0.00	33.98 -0.07 0.00	33.95 -0.10 0.00	35.90 -0.18 0.24	36.82 -0.30 0.25	38.24 -0.35 0.30	41.44 -0.43 0.67	43.23 -0.40 0.54	47.49 -0.58 0.00	56.94 -0.69 0.00	63.34 -0.90 0.00	65.23 -0.86 0.00	62.48 -0.76 0.00	52.93 -0.59 0.00	47.86 -0.29 0.00	40.64 -0.04 0.00
ALBANY___LFGE 323615	39.43 0.77 0.00	36.82 0.76 0.00	35.91 0.94 0.00	33.17 0.94 0.00	32.02 0.81 0.00	34.93 0.92 0.00	38.83 0.76 0.00	37.63 0.63 0.00	36.31 0.29 0.00	34.28 0.24 0.00	34.22 0.17 0.00	36.20 0.15 0.26	37.13 0.04 0.28	38.60 0.04 0.33	41.80 0.00 0.73	43.66 0.09 0.59	48.02 -0.05 0.00	57.63 0.00 0.00	64.18 -0.06 0.00	66.09 0.00 0.00	63.37 0.13 0.00	53.63 0.11 0.00	48.48 0.34 0.00	41.12 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	38.77 0.12 0.00	36.28 0.22 0.00	35.18 0.21 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.18 0.17 0.00	38.60 0.53 0.00	37.71 0.70 0.00	36.56 0.54 0.00	34.42 0.37 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.86 0.49 0.00	39.40 0.51 0.00	43.13 0.60 0.00	44.56 0.40 0.00	48.54 0.48 0.00	58.50 0.86 0.00	65.27 1.03 0.00	67.35 1.26 0.00	64.50 1.26 0.00	54.59 1.07 0.00	48.43 0.29 0.00	40.80 0.12 0.00
ALCOA_RYNLDS___DRP 24188	38.77 0.12 0.00	36.28 0.22 0.00	35.18 0.21 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.18 0.17 0.00	38.60 0.53 0.00	37.71 0.70 0.00	36.56 0.54 0.00	34.42 0.37 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.86 0.49 0.00	39.40 0.51 0.00	43.13 0.60 0.00	44.56 0.40 0.00	48.54 0.48 0.00	58.50 0.86 0.00	65.27 1.03 0.00	67.35 1.26 0.00	64.50 1.26 0.00	54.59 1.07 0.00	48.43 0.29 0.00	40.80 0.12 0.00
ALCOA___DSASP 323711	38.77 0.12 0.00	36.28 0.22 0.00	35.18 0.21 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.18 0.17 0.00	38.60 0.53 0.00	37.71 0.70 0.00	36.56 0.54 0.00	34.42 0.38 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.86 0.48 0.00	39.40 0.50 0.00	43.09 0.55 0.00	44.56 0.40 0.00	48.54 0.48 0.00	58.50 0.87 0.00	65.27 1.02 0.00	67.34 1.25 0.00	64.50 1.26 0.00	54.59 1.07 0.00	48.44 0.29 0.00	40.80 0.12 0.00
ALLEGHENY___COGEN 23514	41.17 2.51 0.00	38.19 2.13 0.00	36.40 1.43 0.00	33.65 1.42 0.00	32.71 1.50 0.00	35.41 1.40 0.00	39.09 1.03 0.00	37.49 0.48 0.00	36.53 0.50 0.00	34.38 0.34 0.00	34.49 0.44 0.00	36.79 0.47 0.00	37.90 0.52 0.00	39.36 0.47 0.00	43.30 0.77 0.00	45.00 0.84 0.00	49.36 1.30 0.00	57.81 0.17 0.00	65.33 1.09 0.00	68.27 2.18 0.00	65.51 2.27 0.00	55.29 1.76 0.00	50.69 2.55 0.00	44.01 3.34 0.00
ALTAMONT_115KV_TB 2 55880	39.43 0.77 0.00	36.82 0.76 0.00	35.77 0.80 0.00	33.01 0.77 0.00	31.90 0.69 0.00	34.79 0.78 0.00	38.67 0.61 0.00	37.49 0.48 0.00	36.38 0.36 0.00	34.35 0.31 0.00	34.29 0.24 0.00	36.42 0.25 0.16	37.40 0.19 0.16	38.85 0.16 0.20	42.23 0.13 0.44	43.99 0.18 0.35	48.25 0.14 -0.04	57.94 0.12 -0.19	64.60 0.06 -0.29	66.22 0.13 0.00	63.43 0.19 0.00	53.74 0.21 0.00	48.63 0.48 0.00	41.20 0.53 0.00
ALTONA_WT_PWR 323606	39.66 1.00 0.00	37.14 1.08 0.00	36.01 1.05 0.00	33.13 0.90 0.00	32.15 0.94 0.00	35.00 0.99 0.00	39.51 1.45 0.00	38.56 1.55 0.00	37.46 1.44 0.00	35.30 1.26 0.00	35.34 1.29 0.00	37.66 1.34 0.00	38.83 1.46 0.00	40.45 1.56 0.00	44.28 1.74 0.00	45.75 1.59 0.00	49.94 1.87 0.00	60.23 2.60 0.00	67.20 2.96 0.00	69.33 3.24 0.00	66.46 3.22 0.00	56.09 2.57 0.00	49.73 1.59 0.00	41.86 1.18 0.00
AMERICAN_REF_FUEL 24010	39.31 0.66 0.00	36.46 0.40 0.00	34.40 -0.56 0.00	31.91 -0.32 0.00	31.09 -0.12 0.00	33.43 -0.58 0.00	36.05 -2.02 0.00	34.49 -2.52 0.00	34.40 -1.62 0.00	32.99 -1.06 0.00	33.44 -0.61 0.00	35.59 -0.73 0.00	36.81 -0.56 0.00	38.19 -0.70 0.00	41.98 -0.55 0.00	43.42 -0.75 0.00	47.20 -0.86 0.00	56.54 -1.10 0.00	62.64 -1.60 0.00	64.11 -1.98 0.00	60.46 -2.78 0.00	51.17 -2.35 0.00	47.91 -0.24 0.00	40.92 0.25 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.40 1.74 0.00	37.43 1.37 0.00	35.32 0.35 0.00	32.68 0.45 0.00	31.84 0.62 0.00	34.28 0.27 0.00	37.42 -0.65 0.00	36.01 -1.00 0.00	35.91 -0.11 0.00	34.59 0.54 0.00	35.14 1.09 0.00	37.48 1.16 0.00	38.76 1.38 0.00	40.33 1.44 0.00	44.19 1.66 0.00	45.89 1.72 0.00	49.84 1.78 0.00	59.53 1.90 0.00	65.91 1.67 0.00	67.54 1.45 0.00	63.56 0.32 0.00	53.85 0.32 0.00	50.12 1.97 0.00	42.63 1.95 0.00
ARTHUR KILL_GT_1 23520	41.32 2.67 0.00	38.23 2.16 0.00	36.75 1.78 0.00	33.88 1.64 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.28 1.22 0.00	38.34 1.33 0.00	37.68 1.66 0.00	35.95 1.91 0.00	35.96 1.91 0.00	38.86 2.22 -0.33	40.22 2.50 -0.34	41.99 2.68 -0.41	46.55 3.11 -0.91	48.08 3.18 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.43 2.18 0.00	68.01 1.92 0.00	64.88 1.64 0.00	55.45 1.93 0.00	50.99 2.84 0.00	43.40 2.73 0.00
ARTHUR_KILL_2 23512	41.14 2.48 -0.01	38.19 2.13 0.00	36.61 1.64 0.00	33.75 1.52 0.00	32.49 1.28 0.00	35.34 1.33 0.00	39.17 1.10 0.00	38.23 1.22 0.00	37.57 1.55 0.00	35.85 1.80 0.00	35.85 1.80 0.00	38.75 2.11 -0.33	40.11 2.39 -0.34	41.83 2.53 -0.41	46.30 2.85 -0.91	47.91 3.00 -0.74	51.33 3.27 0.00	59.82 2.19 0.00	66.03 1.80 0.01	67.60 1.52 0.01	64.62 1.39 0.01	55.18 1.66 0.00	50.69 2.55 0.00	43.25 2.56 -0.01
ARTHUR_KILL_3 23513	40.66 2.01 0.00	37.90 1.84 0.00	36.54 1.57 0.00	33.68 1.45 0.00	32.49 1.28 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.56 1.55 0.00	37.86 1.84 0.00	35.98 1.94 0.00	35.99 1.94 0.00	38.86 2.22 -0.33	40.11 2.39 -0.34	41.72 2.41 -0.41	46.04 2.60 -0.91	47.64 2.74 -0.74	50.95 2.88 0.00	59.76 2.13 0.01	66.22 1.99 0.02	67.66 1.58 0.02	64.74 1.52 0.02	55.07 1.55 0.01	50.36 2.22 0.00	42.79 2.11 0.00

ARTHUR_KILL_COGEN 323718	41.25 2.59 -0.01	38.30 2.24 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.28 1.22 0.00	38.34 1.33 0.00	37.68 1.66 0.00	35.95 1.91 0.00	35.95 1.91 0.00	38.86 2.22 -0.33	40.26 2.54 -0.34	41.98 2.68 -0.41	46.47 3.02 -0.91	48.08 3.18 -0.74	51.53 3.46 0.00	60.11 2.48 0.00	66.35 2.12 0.01	67.93 1.85 0.01	64.87 1.64 0.01	55.45 1.92 0.00	50.89 2.74 0.00	43.41 2.73 -0.01
ASHOKAN____ 23654	40.40 1.74 0.00	37.58 1.51 0.00	36.43 1.47 0.00	33.49 1.26 0.00	32.34 1.12 0.00	35.27 1.26 0.00	39.13 1.06 0.00	37.71 0.70 0.00	36.46 0.43 0.00	34.18 0.14 0.00	34.01 -0.03 0.00	37.30 0.98 0.00	38.38 1.01 0.00	40.10 1.21 0.00	43.68 1.15 0.00	45.67 1.50 0.00	49.62 2.16 0.61	57.16 2.60 3.07	62.44 2.96 4.76	68.85 2.78 0.02	64.86 1.64 0.02	55.17 1.66 0.02	50.44 2.31 0.02	42.30 1.63 0.00
ASTORIA_EAST_ENERGY_CC1 323581	41.14 2.48 -0.01	38.26 2.20 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.56 1.34 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.37 1.37 0.01	37.74 1.73 0.01	36.01 1.97 0.01	35.98 1.94 0.01	38.85 2.22 -0.32	40.14 2.43 -0.34	41.82 2.53 -0.40	46.20 2.76 -0.90	47.76 2.87 -0.73	51.09 3.03 0.00	59.47 1.84 0.01	65.97 1.74 0.01	67.47 1.39 0.01	64.56 1.33 0.01	55.18 1.66 0.00	50.69 2.55 0.00	43.37 2.68 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	41.14 2.48 -0.01	38.26 2.20 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.56 1.34 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.37 1.37 0.01	37.74 1.73 0.01	36.01 1.97 0.01	35.98 1.94 0.01	38.85 2.22 -0.32	40.14 2.43 -0.34	41.82 2.53 -0.40	46.20 2.76 -0.90	47.76 2.87 -0.73	51.09 3.03 0.00	59.47 1.84 0.01	65.97 1.74 0.01	67.47 1.39 0.01	64.56 1.33 0.01	55.18 1.66 0.00	50.69 2.55 0.00	43.37 2.68 -0.01
ASTORIA_GT2_1 24094	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT2_2 24095	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT2_3 24096	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT2_4 24097	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT3_1 24098	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT3_2 24099	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT3_3 24100	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT3_4 24101	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT4_1 24102	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT4_2 24103	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT4_3 24104	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00

ASTORIA_GT4_4 24105	41.21 2.55 0.00	38.19 2.13 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.79 1.77 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.15 2.43 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.04 2.98 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.79 2.65 0.00	43.40 2.73 0.00
ASTORIA_GT_1 23523	41.28 2.63 0.00	38.26 2.20 0.00	36.78 1.82 0.00	33.91 1.68 0.00	32.65 1.44 0.00	35.51 1.50 0.00	39.32 1.26 0.00	38.45 1.44 0.00	37.86 1.84 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.32 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.42 2.98 -0.91	47.91 3.00 -0.74	51.19 3.12 0.00	59.59 1.96 0.01	66.23 1.99 0.00	67.81 1.72 0.00	64.76 1.52 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.52 2.85 0.00
ASTORIA_GT_10 24110	41.09 2.44 0.00	38.08 2.02 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.62 1.40 0.00	35.51 1.50 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.91 3.00 -0.74	51.14 3.08 0.00	59.70 2.07 0.01	66.11 1.86 0.00	67.61 1.52 0.00	64.57 1.33 0.00	55.18 1.66 0.00	50.65 2.50 0.00	43.20 2.52 0.00
ASTORIA_GT_11 24225	41.09 2.44 0.00	38.08 2.02 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.62 1.40 0.00	35.51 1.50 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.91 3.00 -0.74	51.14 3.08 0.00	59.70 2.07 0.01	66.11 1.86 0.00	67.61 1.52 0.00	64.57 1.33 0.00	55.18 1.66 0.00	50.65 2.50 0.00	43.20 2.52 0.00
ASTORIA_GT_12 24226	41.09 2.44 0.00	38.08 2.02 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.62 1.40 0.00	35.51 1.50 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.91 3.00 -0.74	51.14 3.08 0.00	59.70 2.07 0.01	66.11 1.86 0.00	67.61 1.52 0.00	64.57 1.33 0.00	55.18 1.66 0.00	50.65 2.50 0.00	43.20 2.52 0.00
ASTORIA_GT_13 24227	41.09 2.44 0.00	38.08 2.02 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.62 1.40 0.00	35.51 1.50 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.91 3.00 -0.74	51.14 3.08 0.00	59.70 2.07 0.01	66.11 1.86 0.00	67.61 1.52 0.00	64.57 1.33 0.00	55.18 1.66 0.00	50.65 2.50 0.00	43.20 2.52 0.00
ASTORIA_GT_5 24106	41.28 2.63 0.00	38.26 2.20 0.00	36.78 1.82 0.00	33.91 1.68 0.00	32.65 1.44 0.00	35.51 1.50 0.00	39.32 1.26 0.00	38.45 1.44 0.00	37.86 1.84 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.32 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.42 2.98 -0.91	47.91 3.00 -0.74	51.19 3.12 0.00	59.59 1.96 0.01	66.23 1.99 0.00	67.81 1.72 0.00	64.76 1.52 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.52 2.85 0.00
ASTORIA_GT_7 24107	41.28 2.63 0.00	38.26 2.20 0.00	36.78 1.82 0.00	33.91 1.68 0.00	32.65 1.44 0.00	35.51 1.50 0.00	39.32 1.26 0.00	38.45 1.44 0.00	37.86 1.84 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.32 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.42 2.98 -0.91	47.91 3.00 -0.74	51.19 3.12 0.00	59.59 1.96 0.01	66.23 1.99 0.00	67.81 1.72 0.00	64.76 1.52 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.52 2.85 0.00
ASTORIA_GT_8 24108	41.28 2.63 0.00	38.26 2.20 0.00	36.78 1.82 0.00	33.91 1.68 0.00	32.65 1.44 0.00	35.51 1.50 0.00	39.32 1.26 0.00	38.45 1.44 0.00	37.86 1.84 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.32 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.42 2.98 -0.91	47.91 3.00 -0.74	51.19 3.12 0.00	59.59 1.96 0.01	66.23 1.99 0.00	67.81 1.72 0.00	64.76 1.52 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.52 2.85 0.00
ASTORIA___2 24149	41.18 2.51 -0.01	38.30 2.24 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.37 1.37 0.01	37.78 1.76 0.01	36.01 1.97 0.01	36.01 1.97 0.01	38.85 2.22 -0.32	40.17 2.47 -0.34	41.86 2.57 -0.40	46.20 2.76 -0.90	47.76 2.87 -0.73	51.14 3.08 0.00	59.47 1.84 0.01	65.97 1.74 0.01	67.54 1.45 0.01	64.62 1.39 0.01	55.23 1.71 0.00	50.69 2.55 0.00	43.37 2.68 -0.01
ASTORIA___3 23516	41.06 2.40 -0.01	38.19 2.13 0.00	36.64 1.68 0.00	33.84 1.61 0.00	32.62 1.41 0.00	35.51 1.49 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.26 2.54 -0.34	41.95 2.65 -0.41	46.34 2.89 -0.91	47.91 3.00 -0.74	51.19 3.12 0.00	59.70 2.07 0.01	66.03 1.80 0.01	67.54 1.45 0.01	64.56 1.33 0.01	55.13 1.60 0.00	50.55 2.41 0.00	43.17 2.48 -0.01
ASTORIA___4 23517	41.09 2.44 0.00	38.08 2.02 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.62 1.40 0.00	35.51 1.50 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.91 3.00 -0.74	51.14 3.08 0.00	59.70 2.07 0.01	66.11 1.86 0.00	67.61 1.52 0.00	64.57 1.33 0.00	55.18 1.66 0.00	50.65 2.50 0.00	43.20 2.52 0.00
ASTORIA___5 23518	41.06 2.40 -0.01	38.19 2.13 0.00	36.64 1.68 0.00	33.84 1.61 0.00	32.62 1.41 0.00	35.51 1.49 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.26 2.54 -0.34	41.95 2.65 -0.41	46.34 2.89 -0.91	47.91 3.00 -0.74	51.19 3.12 0.00	59.70 2.07 0.01	66.03 1.80 0.01	67.54 1.45 0.01	64.56 1.33 0.01	55.13 1.60 0.00	50.55 2.41 0.00	43.17 2.48 -0.01
AST_ENERGY_2_CC3 323677	36.33 2.12 4.45	36.33 1.91 1.64	36.33 1.68 0.31	33.75 1.52 0.00	32.59 1.37 0.00	35.61 1.60 0.00	36.33 1.48 3.22	36.33 1.59 2.27	36.33 1.87 1.56	36.00 1.97 0.02	36.01 1.97 0.02	38.84 2.22 -0.31	39.42 2.43 0.38	39.42 2.45 1.92	39.42 2.68 5.80	39.42 2.74 7.49	39.42 2.93 11.58	39.42 2.42 20.63	46.05 2.25 20.44	49.54 1.85 18.40	46.60 1.77 18.40	39.42 1.76 15.87	39.42 2.31 11.04	39.42 2.20 3.45
AST_ENERGY_2_CC4 323678	36.33 2.12 4.45	36.33 1.91 1.64	36.33 1.68 0.31	33.75 1.52 0.00	32.59 1.37 0.00	35.61 1.60 0.00	36.33 1.48 3.22	36.33 1.59 2.27	36.33 1.87 1.56	36.00 1.97 0.02	36.01 1.97 0.02	38.84 2.22 -0.31	39.42 2.43 0.38	39.42 2.45 1.92	39.42 2.68 5.80	39.42 2.74 7.49	39.42 2.93 11.58	39.42 2.42 20.63	46.05 2.25 20.44	49.54 1.85 18.40	46.60 1.77 18.40	39.42 1.76 15.87	39.42 2.31 11.04	39.42 2.20 3.45

ATHENS_STG_1 23668	39.47 0.81 0.00	36.85 0.79 0.00	35.80 0.84 0.00	33.04 0.81 0.00	31.93 0.72 0.00	34.83 0.81 0.00	38.67 0.61 0.00	37.49 0.48 0.00	36.53 0.50 0.00	34.52 0.48 0.00	34.49 0.44 0.00	36.92 0.47 -0.13	38.00 0.48 -0.14	39.56 0.50 -0.17	43.42 0.51 -0.37	45.04 0.57 -0.30	48.69 0.62 0.00	58.09 0.46 0.00	64.57 0.32 0.00	66.36 0.27 0.00	63.49 0.25 0.00	53.79 0.27 0.00	48.82 0.67 0.00	41.45 0.77 0.00
ATHENS_STG_2 23670	39.47 0.81 0.00	36.85 0.79 0.00	35.80 0.84 0.00	33.04 0.81 0.00	31.93 0.72 0.00	34.83 0.81 0.00	38.67 0.61 0.00	37.49 0.48 0.00	36.53 0.50 0.00	34.52 0.48 0.00	34.49 0.44 0.00	36.92 0.47 -0.13	38.00 0.48 -0.14	39.56 0.50 -0.17	43.42 0.51 -0.37	45.04 0.57 -0.30	48.69 0.62 0.00	58.09 0.46 0.00	64.57 0.32 0.00	66.36 0.27 0.00	63.49 0.25 0.00	53.79 0.27 0.00	48.82 0.67 0.00	41.45 0.77 0.00
ATHENS_STG_3 23677	39.47 0.81 0.00	36.85 0.79 0.00	35.80 0.84 0.00	33.04 0.81 0.00	31.93 0.72 0.00	34.83 0.81 0.00	38.67 0.61 0.00	37.49 0.48 0.00	36.53 0.50 0.00	34.52 0.48 0.00	34.49 0.44 0.00	36.92 0.47 -0.13	38.00 0.48 -0.14	39.56 0.50 -0.17	43.42 0.51 -0.37	45.04 0.57 -0.30	48.69 0.62 0.00	58.09 0.46 0.00	64.57 0.32 0.00	66.36 0.27 0.00	63.49 0.25 0.00	53.79 0.27 0.00	48.82 0.67 0.00	41.45 0.77 0.00
AUBURN___LFGE 323710	39.16 0.50 0.00	36.49 0.43 0.00	35.21 0.24 0.00	32.49 0.26 0.00	31.50 0.28 0.00	34.28 0.27 0.00	38.29 0.23 0.00	37.01 0.00 0.00	36.06 0.04 0.00	34.15 0.10 0.00	34.25 0.20 0.00	36.54 0.22 0.00	37.60 0.22 0.00	39.13 0.23 0.00	42.83 0.30 0.00	44.52 0.35 0.00	48.54 0.48 0.00	58.33 0.69 0.00	65.34 1.09 0.00	67.22 1.12 0.00	64.38 1.14 0.00	54.27 0.75 0.00	49.25 1.11 0.00	41.53 0.85 0.00
BABYLON_RES_REC 323704	41.48 2.82 0.00	38.23 2.16 0.00	37.03 2.06 0.00	33.84 1.61 0.00	32.87 1.65 0.00	35.81 1.80 0.00	39.74 1.67 0.00	38.60 1.59 0.00	38.15 2.12 0.00	36.02 1.97 0.00	36.60 2.55 -0.34	39.56 2.91 -0.35	40.83 3.10 -0.42	42.46 3.15 -0.92	46.90 3.44 -0.74	48.40 3.49 2.45	50.51 2.45 0.00	59.23 1.79 0.19	65.38 1.35 0.22	66.47 0.40 0.02	63.26 0.38 0.36	54.06 0.64 0.10	49.59 1.44 0.00	43.61 2.93 0.00
BALL_HILL_WT_PWR 323825	39.93 1.27 0.00	37.00 0.94 0.00	34.93 -0.03 0.00	32.33 0.10 0.00	31.49 0.28 0.00	33.91 -0.10 0.00	36.96 -1.11 0.00	35.45 -1.55 0.00	35.34 -0.69 0.00	34.01 -0.03 0.00	34.49 0.44 0.00	36.79 0.47 0.00	38.05 0.67 0.00	39.55 0.66 0.00	43.39 0.85 0.00	45.00 0.84 0.00	48.83 0.77 0.00	58.55 0.92 0.00	64.82 0.58 0.00	66.42 0.33 0.00	62.61 -0.63 0.00	52.99 -0.54 0.00	49.39 1.25 0.00	42.06 1.38 0.00
BARON_WINDS___WT_PWR 323822	39.81 1.16 0.00	36.93 0.86 0.00	35.24 0.28 0.00	32.55 0.32 0.00	31.62 0.40 0.00	34.25 0.24 0.00	37.68 -0.38 0.00	36.04 -0.96 0.00	35.34 -0.69 0.00	33.67 -0.37 0.00	33.91 -0.14 0.00	36.21 -0.11 0.00	37.37 0.00 0.00	38.81 -0.08 0.00	42.58 0.04 0.00	44.17 0.00 0.00	48.40 0.34 0.00	57.92 0.29 0.00	64.50 0.26 0.00	66.56 0.47 0.00	63.43 0.19 0.00	53.58 0.05 0.00	49.39 1.25 0.00	41.98 1.30 0.00
BARRETT_IC_1 23704	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.27 0.75 0.00	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT_IC_10 23701	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.26 0.75 0.01	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT_IC_11 23702	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.26 0.75 0.01	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT_IC_12 23703	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.26 0.75 0.01	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT_IC_2 23705	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.27 0.75 0.00	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT_IC_3 23706	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.27 0.75 0.00	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT_IC_4 23707	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.27 0.75 0.00	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT_IC_5 23708	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.27 0.75 0.00	49.55 1.40 -0.01	43.36 2.68 0.00

BARRETT_IC_6 23709	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.27 0.75 0.00	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT_IC_7 23710	41.40 2.74 0.00	38.12 2.06 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.43 2.38 0.00	39.22 2.58 -0.33	40.44 2.73 -0.34	42.14 2.84 -0.41	46.47 3.02 -0.91	47.91 3.00 -0.74	50.80 2.74 0.00	59.65 2.02 0.00	66.30 2.06 0.00	67.35 1.26 0.00	63.37 0.51 0.37	54.43 0.91 0.00	50.02 1.88 0.00	43.48 2.81 0.00
BARRETT_IC_8 23711	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.27 0.75 0.00	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT_IC_9 23700	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.26 0.75 0.01	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT___1 23545	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.27 0.75 0.00	49.55 1.40 -0.01	43.36 2.68 0.00
BARRETT___2 23546	41.29 2.63 0.00	38.15 2.09 0.00	36.92 1.96 0.00	33.78 1.55 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.98 1.94 0.00	36.44 2.38 -0.01	39.24 2.58 -0.34	40.50 2.77 -0.36	42.16 2.84 -0.43	46.39 2.93 -0.92	47.92 3.00 -0.74	50.56 2.50 0.00	59.54 1.90 -0.01	65.99 1.74 -0.01	67.02 0.92 -0.01	63.37 0.50 0.37	54.26 0.75 0.01	49.55 1.40 -0.01	43.36 2.68 0.00
BATAVIA__115KV_TB1 55881	40.01 1.35 0.00	37.43 1.37 0.00	35.39 0.42 0.00	32.81 0.58 0.00	31.96 0.75 0.00	34.45 0.44 0.00	37.57 -0.49 0.00	36.19 -0.81 0.00	35.91 -0.11 0.00	34.25 0.20 0.00	34.63 0.58 0.00	36.97 0.65 0.00	38.23 0.86 0.00	39.67 0.78 0.00	43.34 0.81 0.00	45.18 1.02 0.00	49.22 1.15 0.00	59.25 1.61 0.00	66.36 2.12 0.00	67.88 1.78 0.00	64.31 1.08 0.00	54.33 0.80 0.00	50.26 2.12 0.00	42.59 1.91 0.00
BAYONEEC___CTG1 323682	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00
BAYONEEC___CTG10 323750	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00
BAYONEEC___CTG2 323683	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00
BAYONEEC___CTG3 323684	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00
BAYONEEC___CTG4 323685	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00
BAYONEEC___CTG5 323686	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00
BAYONEEC___CTG6 323687	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00
BAYONEEC___CTG7 323688	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00

BAYONEEC___CTG8 323689	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00
BAYONEEC___CTG9 323749	40.82 2.16 0.00	38.04 1.98 0.00	36.68 1.71 0.00	33.81 1.58 0.00	32.62 1.41 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.21 2.76 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.34 1.82 0.00	50.55 2.41 0.00	42.95 2.28 0.00
BEACON___LESR 323632	39.58 0.93 0.00	36.96 0.90 0.00	36.05 1.09 0.00	33.26 1.03 0.00	32.15 0.94 0.00	35.07 1.06 0.00	38.98 0.91 0.00	37.78 0.78 0.00	36.46 0.43 0.00	34.38 0.34 0.00	34.32 0.27 0.00	36.32 0.26 0.25	37.18 0.07 0.27	38.69 0.12 0.32	41.91 0.09 0.71	43.86 0.27 0.57	48.21 0.14 0.00	57.92 0.29 0.00	64.57 0.32 0.00	66.49 0.40 0.00	63.68 0.45 0.00	53.90 0.38 0.00	48.72 0.58 0.00	41.32 0.65 0.00
BEAVER RIVER___HYD 24048	40.09 1.43 0.00	37.43 1.37 0.00	36.22 1.26 0.00	33.29 1.06 0.00	32.46 1.25 0.00	35.41 1.40 0.00	39.74 1.67 0.00	38.49 1.48 0.00	37.10 1.08 0.00	34.76 0.72 0.00	34.69 0.65 0.00	36.94 0.62 0.00	38.05 0.67 0.00	39.71 0.82 0.00	43.39 0.85 0.00	44.92 0.75 0.00	48.97 0.91 0.00	59.13 1.50 0.00	66.55 2.31 0.00	69.13 3.04 0.00	66.40 3.16 0.00	56.41 2.89 0.00	50.55 2.41 0.00	42.59 1.91 0.00
BEEBEE_GT_13 23619	39.16 0.50 0.00	36.57 0.50 0.00	34.90 -0.07 0.00	32.30 0.06 0.00	31.37 0.16 0.00	33.94 -0.07 0.00	37.57 -0.49 0.00	36.45 -0.56 0.00	35.95 -0.07 0.00	34.18 0.14 0.00	34.42 0.37 0.00	36.79 0.47 0.00	37.97 0.60 0.00	39.44 0.54 0.00	43.13 0.60 0.00	44.92 0.75 0.00	48.88 0.82 0.00	58.73 1.10 0.00	65.72 1.48 0.00	67.28 1.19 0.00	64.06 0.82 0.00	54.11 0.59 0.00	49.49 1.35 0.00	41.77 1.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	41.44 2.78 0.00	38.37 2.31 0.00	36.89 1.92 0.00	34.00 1.77 0.00	32.74 1.53 0.00	35.64 1.63 0.00	39.51 1.45 0.00	38.60 1.59 0.00	37.97 1.95 0.00	36.26 2.21 0.00	36.23 2.18 0.00	39.15 2.51 -0.33	40.48 2.77 -0.34	42.26 2.96 -0.41	46.81 3.36 -0.91	48.30 3.40 -0.74	51.72 3.65 0.00	60.40 2.77 0.00	66.88 2.63 0.00	68.54 2.45 0.00	65.39 2.15 0.00	55.77 2.25 0.00	51.13 2.98 0.00	43.56 2.89 0.00
BETHLEHEM___GRP 23843	39.08 0.43 0.00	36.71 0.65 0.00	35.63 0.66 0.00	32.91 0.68 0.00	31.78 0.56 0.00	34.62 0.61 0.00	38.52 0.46 0.00	37.34 0.33 0.00	36.02 0.00 0.00	33.98 -0.07 0.00	33.95 -0.10 0.00	35.90 -0.18 0.24	36.82 -0.30 0.25	38.24 -0.35 0.30	41.44 -0.43 0.67	43.23 -0.40 0.54	47.49 -0.58 0.00	56.94 -0.69 0.00	63.34 -0.90 0.00	65.23 -0.86 0.00	62.48 -0.76 0.00	52.93 -0.59 0.00	47.86 -0.29 0.00	40.64 -0.04 0.00
BETHLEHEM___GS1 323560	39.00 0.35 0.00	36.46 0.40 0.00	35.63 0.66 0.00	32.91 0.68 0.00	31.78 0.56 0.00	34.62 0.61 0.00	38.52 0.46 0.00	37.34 0.33 0.00	35.99 -0.04 0.00	33.98 -0.07 0.00	33.95 -0.10 0.00	35.90 -0.18 0.24	36.78 -0.34 0.25	38.24 -0.35 0.30	41.40 -0.47 0.67	43.23 -0.40 0.54	47.49 -0.57 0.00	56.95 -0.69 0.00	63.41 -0.84 0.00	65.23 -0.86 0.00	62.48 -0.76 0.00	52.93 -0.59 0.00	47.86 -0.29 0.00	40.64 -0.04 0.00
BETHLEHEM___GS2 323561	39.00 0.35 0.00	36.46 0.40 0.00	35.63 0.66 0.00	32.91 0.68 0.00	31.78 0.56 0.00	34.62 0.61 0.00	38.52 0.46 0.00	37.34 0.33 0.00	35.99 -0.04 0.00	33.98 -0.07 0.00	33.95 -0.10 0.00	35.90 -0.18 0.24	36.78 -0.34 0.25	38.24 -0.35 0.30	41.40 -0.47 0.67	43.23 -0.40 0.54	47.49 -0.57 0.00	56.95 -0.69 0.00	63.41 -0.84 0.00	65.23 -0.86 0.00	62.48 -0.76 0.00	52.93 -0.59 0.00	47.86 -0.29 0.00	40.64 -0.04 0.00
BETHLEHEM___GS3 323562	39.00 0.35 0.00	36.46 0.40 0.00	35.63 0.66 0.00	32.91 0.68 0.00	31.78 0.56 0.00	34.62 0.61 0.00	38.52 0.46 0.00	37.34 0.33 0.00	35.99 -0.04 0.00	33.98 -0.07 0.00	33.95 -0.10 0.00	35.90 -0.18 0.24	36.78 -0.34 0.25	38.24 -0.35 0.30	41.40 -0.47 0.67	43.23 -0.40 0.54	47.49 -0.57 0.00	56.95 -0.69 0.00	63.41 -0.84 0.00	65.23 -0.86 0.00	62.48 -0.76 0.00	52.93 -0.59 0.00	47.86 -0.29 0.00	40.64 -0.04 0.00
BETHLEHEM___STEEL 23779	39.43 0.77 0.00	36.89 0.83 0.00	34.79 -0.17 0.00	32.26 0.03 0.00	31.43 0.22 0.00	33.81 -0.20 0.00	36.81 -1.26 0.00	35.38 -1.63 0.00	35.23 -0.79 0.00	33.87 -0.17 0.00	34.39 0.34 0.00	36.65 0.33 0.00	37.93 0.56 0.00	39.44 0.54 0.00	42.96 0.43 0.00	44.92 0.75 0.00	48.69 0.62 0.00	58.27 0.63 0.00	64.82 0.58 0.00	66.09 0.00 0.00	62.29 -0.95 0.00	52.72 -0.80 0.00	49.06 0.91 0.00	41.82 1.14 0.00
BETHLHEM_115KV_TB1 79974	39.16 0.50 0.00	36.71 0.65 0.00	35.66 0.70 0.00	32.91 0.68 0.00	31.81 0.59 0.00	34.66 0.65 0.00	38.56 0.49 0.00	37.38 0.37 0.00	36.09 0.07 0.00	34.04 0.00 0.00	34.01 -0.03 0.00	36.02 -0.07 0.23	36.95 -0.19 0.24	38.37 -0.23 0.28	41.61 -0.30 0.63	43.39 -0.27 0.51	47.63 -0.43 0.00	57.06 -0.58 0.00	63.54 -0.71 0.00	65.43 -0.66 0.00	62.67 -0.57 0.00	53.04 -0.48 0.00	48.00 -0.14 0.00	40.76 0.08 0.00
BETHPAGE_CC_5 323564	41.21 2.55 0.00	38.08 2.02 0.00	36.96 1.99 0.00	33.78 1.55 0.00	32.81 1.59 0.00	35.75 1.73 0.00	39.66 1.60 0.00	38.56 1.55 0.00	38.11 2.09 0.00	36.02 1.97 0.00	36.57 2.52 0.00	39.49 2.83 -0.34	40.68 2.95 -0.35	42.23 2.92 -0.42	46.60 3.15 -0.92	48.09 3.18 -0.74	50.66 2.59 0.00	59.51 2.02 0.14	65.87 1.80 0.17	66.93 0.86 0.02	63.54 0.63 0.33	54.25 0.80 0.07	49.35 1.20 0.00	43.32 2.64 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.47 0.81 0.00	36.93 0.87 0.00	34.79 -0.17 0.00	32.26 0.03 0.00	31.43 0.22 0.00	33.84 -0.17 0.00	36.85 -1.22 0.00	35.38 -1.63 0.00	35.23 -0.79 0.00	33.91 -0.14 0.00	34.42 0.37 0.00	36.68 0.36 0.00	37.97 0.60 0.00	39.48 0.58 0.00	43.05 0.51 0.00	44.96 0.79 0.00	48.78 0.72 0.00	58.44 0.81 0.00	64.95 0.71 0.00	66.22 0.13 0.00	62.42 -0.82 0.00	52.77 -0.75 0.00	49.11 0.96 0.00	41.86 1.18 0.00
BINGHAMTON___COGEN 23790	39.31 0.66 0.00	36.64 0.58 0.00	35.35 0.38 0.00	32.62 0.39 0.00	31.62 0.41 0.00	34.39 0.37 0.00	38.18 0.11 0.00	36.86 -0.15 0.00	36.06 0.04 0.00	34.25 0.20 0.00	34.35 0.31 0.00	36.65 0.33 0.00	37.71 0.34 0.00	39.24 0.35 0.00	42.92 0.38 0.00	44.65 0.49 0.00	48.64 0.58 0.00	58.33 0.69 0.00	65.01 0.77 0.00	66.82 0.73 0.00	63.81 0.57 0.00	53.95 0.43 0.00	49.06 0.91 0.00	41.57 0.89 0.00

BIXINCNT_115KV_LOAD 355685	39.54 0.89 0.00	36.96 0.90 0.00	34.86 -0.10 0.00	32.30 0.06 0.00	31.43 0.22 0.00	33.88 -0.14 0.00	37.00 -1.07 0.00	35.45 -1.55 0.00	35.30 -0.72 0.00	34.01 -0.03 0.00	34.53 0.48 0.00	36.79 0.47 0.00	38.05 0.67 0.00	39.59 0.70 0.00	43.13 0.60 0.00	45.09 0.93 0.00	49.02 0.96 0.00	58.61 0.98 0.00	65.14 0.90 0.00	66.49 0.40 0.00	62.61 -0.63 0.00	52.88 -0.64 0.00	49.01 0.87 0.00	41.82 1.14 0.00
BLACK RIVER___HYD 24047	40.63 1.97 0.00	37.90 1.84 0.00	36.61 1.64 0.00	33.65 1.42 0.00	32.87 1.65 0.00	35.85 1.84 0.00	40.23 2.17 0.00	38.82 1.81 0.00	37.32 1.29 0.00	34.93 0.88 0.00	34.83 0.78 0.00	37.12 0.80 0.00	38.19 0.82 0.00	39.90 1.01 0.00	43.60 1.06 0.00	45.14 0.97 0.00	49.31 1.25 0.00	59.59 1.96 0.00	67.26 3.02 0.00	70.12 4.03 0.00	67.41 4.17 0.00	57.27 3.75 0.00	51.37 3.23 0.00	43.24 2.56 0.00
BLACKRVR_115KV_TB2 79977	40.59 1.93 0.00	37.90 1.84 0.00	36.61 1.64 0.00	33.65 1.42 0.00	32.87 1.65 0.00	35.85 1.84 0.00	40.20 2.13 0.00	38.82 1.81 0.00	37.32 1.30 0.00	34.93 0.89 0.00	34.83 0.78 0.00	37.12 0.80 0.00	38.19 0.82 0.00	39.90 1.01 0.00	43.56 1.02 0.00	45.14 0.97 0.00	49.36 1.30 0.00	59.59 1.96 0.00	67.26 3.02 0.00	70.12 4.03 0.00	67.35 4.11 0.00	57.22 3.69 0.00	51.27 3.13 0.00	43.20 2.52 0.00
BLDWN_LI_69_KV_BK4 356085	41.63 2.98 0.00	38.30 2.24 0.00	37.10 2.13 0.00	33.91 1.68 0.00	32.90 1.69 0.00	35.88 1.87 0.00	39.82 1.75 0.00	38.71 1.70 0.00	38.22 2.20 0.00	36.12 2.08 0.00	36.67 2.62 0.00	39.55 2.91 -0.33	40.74 3.03 -0.34	42.45 3.15 -0.41	46.89 3.45 -0.91	48.39 3.49 -0.74	51.43 3.36 0.00	60.46 2.82 0.00	67.20 2.96 0.00	68.21 2.11 0.00	64.37 1.39 0.26	55.07 1.55 0.00	50.41 2.26 0.00	43.77 3.09 0.00
BLISS_WT_PWR 323608	39.89 1.24 0.00	36.96 0.90 0.00	34.93 -0.03 0.00	32.30 0.06 0.00	31.43 0.22 0.00	33.88 -0.14 0.00	37.00 -1.07 0.00	35.45 -1.55 0.00	35.34 -0.69 0.00	34.01 -0.03 0.00	34.52 0.48 0.00	36.79 0.47 0.00	38.08 0.71 0.00	39.59 0.70 0.00	43.43 0.89 0.00	45.10 0.93 0.00	49.02 0.96 0.00	58.61 0.98 0.00	64.89 0.64 0.00	66.49 0.40 0.00	62.54 -0.69 0.00	52.82 -0.70 0.00	49.11 0.96 0.00	41.90 1.22 0.00
BLUESTONE___WT_PWR 323821	41.05 2.40 0.00	38.26 2.20 0.00	36.96 1.99 0.00	34.00 1.77 0.00	33.12 1.90 0.00	36.09 2.07 0.00	40.23 2.17 0.00	38.71 1.70 0.00	37.57 1.55 0.00	35.41 1.36 0.00	35.38 1.33 0.00	37.70 1.38 0.00	38.87 1.50 0.00	40.60 1.71 0.00	44.49 1.96 0.00	46.16 1.99 0.00	50.51 2.45 0.00	60.74 3.11 0.00	68.16 3.92 0.00	70.45 4.36 0.00	67.35 4.11 0.00	57.00 3.48 0.00	51.61 3.47 0.00	43.61 2.93 0.00
BLUE_CIRC_CHEM_DRP 24182	39.54 0.89 0.00	36.96 0.90 0.00	35.94 0.98 0.00	33.17 0.93 0.00	32.06 0.84 0.00	34.93 0.92 0.00	38.79 0.72 0.00	37.52 0.52 0.00	36.27 0.25 0.00	34.21 0.17 0.00	34.15 0.10 0.00	36.27 0.11 0.16	37.10 -0.11 0.17	37.84 -0.86 0.20	41.12 -0.98 0.44	42.88 -0.93 0.35	46.31 -1.11 0.65	53.06 -1.33 3.25	57.74 -1.48 5.03	64.75 -1.32 0.02	62.02 -1.20 0.02	52.54 -0.96 0.02	47.55 -0.58 0.02	40.31 -0.37 0.00
BOC_GAS_DRP 24189	39.27 0.62 0.00	36.71 0.65 0.00	35.66 0.70 0.00	32.91 0.68 0.00	31.81 0.59 0.00	34.69 0.68 0.00	38.56 0.49 0.00	37.38 0.37 0.00	36.27 0.25 0.00	34.28 0.24 0.00	34.25 0.20 0.00	36.35 0.18 0.15	37.29 0.07 0.16	38.74 0.04 0.19	42.12 0.00 0.42	43.87 0.04 0.34	48.06 -0.05 -0.04	57.67 -0.17 -0.21	64.24 -0.32 -0.32	65.76 -0.33 0.00	62.99 -0.25 0.00	53.36 -0.16 0.00	48.29 0.14 0.00	40.96 0.28 0.00
BOONVILLE_115KV_TB1 79983	39.97 1.31 0.00	37.29 1.23 0.00	36.12 1.15 0.00	33.23 1.00 0.00	32.34 1.12 0.00	35.24 1.22 0.00	39.47 1.41 0.00	38.30 1.30 0.00	37.03 1.01 0.00	34.83 0.78 0.00	34.76 0.72 0.00	37.04 0.73 0.00	38.16 0.78 0.00	39.86 0.97 0.00	43.60 1.06 0.00	45.14 0.97 0.00	49.27 1.20 0.00	59.31 1.67 0.00	66.49 2.25 0.00	68.80 2.71 0.00	65.96 2.72 0.00	55.93 2.41 0.00	50.21 2.07 0.00	42.38 1.71 0.00
BORALEX_4TH_BRANCH 23824	40.40 1.74 0.00	37.61 1.55 0.00	36.36 1.40 0.00	33.52 1.29 0.00	32.46 1.25 0.00	35.41 1.39 0.00	39.47 1.41 0.00	38.30 1.30 0.00	37.10 1.08 0.00	34.96 0.92 0.00	34.76 0.72 0.00	36.40 0.73 0.65	37.47 0.78 0.68	38.89 0.82 0.82	41.62 0.89 1.81	43.67 0.97 1.46	49.12 1.06 0.00	59.13 1.50 0.00	65.85 1.61 0.00	67.81 1.72 0.00	64.88 1.64 0.00	54.97 1.45 0.00	49.78 1.64 0.00	42.18 1.51 0.00
BOWLINE___1 23526	40.35 1.70 0.00	37.61 1.55 0.00	36.37 1.40 0.00	33.49 1.26 0.00	32.34 1.12 0.00	35.34 1.33 0.00	39.21 1.14 0.00	38.15 1.15 0.00	37.39 1.37 0.00	35.51 1.46 0.00	35.51 1.46 0.00	38.26 1.64 -0.31	39.45 1.76 -0.32	41.03 1.75 -0.39	45.22 1.83 -0.86	46.80 1.94 -0.69	50.18 2.11 0.00	59.42 1.79 0.00	65.85 1.61 0.00	67.41 1.32 0.00	64.44 1.20 0.00	54.75 1.23 0.00	49.88 1.73 0.00	42.42 1.75 0.00
BOWLINE___2 23595	40.28 1.62 0.00	37.61 1.55 0.00	36.37 1.40 0.00	33.49 1.26 0.00	32.34 1.12 0.00	35.30 1.29 0.00	39.17 1.10 0.00	38.15 1.15 0.00	37.36 1.33 0.00	35.47 1.43 0.00	35.48 1.43 0.00	38.22 1.60 -0.31	39.42 1.72 -0.32	40.99 1.71 -0.39	45.18 1.79 -0.86	46.71 1.85 -0.69	50.08 2.02 0.00	59.36 1.73 0.00	65.72 1.48 0.00	67.34 1.25 0.00	64.38 1.14 0.00	54.65 1.13 0.00	49.78 1.64 0.00	42.38 1.71 0.00
BRADY___115KV_TB2 356060	39.24 0.58 0.00	36.71 0.65 0.00	35.59 0.63 0.00	32.75 0.52 0.00	31.81 0.59 0.00	34.66 0.65 0.00	39.13 1.07 0.00	38.15 1.15 0.00	36.85 0.83 0.00	34.62 0.58 0.00	34.59 0.54 0.00	36.86 0.54 0.00	37.97 0.60 0.00	39.55 0.66 0.00	43.30 0.77 0.00	44.70 0.53 0.00	48.69 0.62 0.00	58.84 1.21 0.00	65.79 1.54 0.00	68.21 2.11 0.00	65.45 2.21 0.00	55.45 1.93 0.00	49.16 1.01 0.00	41.37 0.69 0.00
BRANSCOMB___SOLAR 323811	40.24 1.59 0.00	37.51 1.44 0.00	36.33 1.36 0.00	33.49 1.26 0.00	32.43 1.22 0.00	35.37 1.36 0.00	39.36 1.29 0.00	38.04 1.03 0.00	36.70 0.68 0.00	34.52 0.48 0.00	34.29 0.24 0.00	36.25 0.26 0.33	37.29 0.26 0.34	38.79 0.31 0.41	41.96 0.34 0.91	43.92 0.49 0.73	48.64 0.58 0.00	58.61 0.98 0.00	65.72 1.48 0.00	68.07 1.98 0.00	65.51 2.27 0.00	55.39 1.87 0.00	50.02 1.88 0.00	42.34 1.67 0.00
BRDGHMPT_69_KV_BK1 55812	42.17 3.52 0.00	38.23 2.16 0.00	37.34 2.38 0.00	34.13 1.90 0.00	33.31 2.09 0.00	36.09 2.07 0.00	39.93 1.87 0.00	38.60 1.59 0.00	38.47 2.45 0.00	36.29 2.25 0.00	37.22 3.17 0.00	40.46 3.81 -0.33	41.79 4.07 -0.34	43.54 4.24 -0.41	48.34 4.89 -0.91	49.89 4.99 -0.74	53.11 5.05 0.00	61.87 4.73 0.49	68.69 5.01 0.57	69.88 3.83 0.05	65.21 2.40 0.43	55.73 2.41 0.20	50.94 2.79 0.00	44.54 3.86 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	41.90 3.25 0.00	38.33 2.27 0.00	37.20 2.24 0.00	33.97 1.74 0.00	33.06 1.84 0.00	35.95 1.94 0.00	39.89 1.83 0.00	38.71 1.70 0.00	38.29 2.27 0.00	36.12 2.08 0.00	36.74 2.69 0.00	39.77 3.12 -0.33	41.04 3.33 -0.34	42.73 3.42 -0.41	47.32 3.87 -0.91	48.70 3.80 -0.74	51.57 3.51 0.00	60.35 2.71 -0.01	67.14 2.89 0.00	67.97 1.92 0.04	63.87 1.08 0.45	54.55 1.28 0.26	50.31 2.17 0.00	44.01 3.34 0.00
BRISTLHL_115KV_TB1 79998	38.27 -0.39 0.00	35.67 -0.40 0.00	34.48 -0.49 0.00	31.81 -0.42 0.00	30.81 -0.41 0.00	33.57 -0.44 0.00	37.46 -0.61 0.00	36.30 -0.70 0.00	35.37 -0.65 0.00	33.47 -0.58 0.00	33.54 -0.51 0.00	35.77 -0.54 0.00	36.77 -0.60 0.00	38.27 -0.62 0.00	41.86 -0.68 0.00	43.55 -0.62 0.00	47.39 -0.67 0.00	56.83 -0.81 0.00	63.47 -0.77 0.00	65.30 -0.79 0.00	62.48 -0.76 0.00	52.77 -0.75 0.00	47.76 -0.39 0.00	40.39 -0.28 0.00
BROOKHAVEN___DRP 24191	41.48 2.82 0.00	37.76 1.69 0.00	36.82 1.85 0.00	33.68 1.45 0.00	32.77 1.56 0.00	35.54 1.53 0.00	39.40 1.33 0.00	38.12 1.11 0.00	37.75 1.73 0.00	35.54 1.50 0.00	36.26 2.21 0.00	39.33 2.69 -0.33	40.59 2.88 -0.34	42.26 2.96 -0.41	46.85 3.40 -0.91	48.30 3.40 -0.74	51.28 3.22 0.00	59.57 2.42 0.48	66.19 2.51 0.56	67.56 1.52 0.05	63.38 0.57 0.43	54.23 0.91 0.20	49.78 1.64 0.00	43.52 2.85 0.00
BROOKLYN_NAVY_YARD 23515	40.74 2.09 0.00	37.94 1.87 0.00	36.57 1.61 0.00	33.72 1.48 0.00	32.56 1.34 0.00	35.64 1.63 0.00	39.59 1.52 0.00	38.63 1.63 0.00	37.93 1.91 0.00	36.09 2.04 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.14 2.43 -0.34	41.79 2.49 -0.41	46.13 2.68 -0.91	47.69 2.78 -0.74	51.04 2.98 0.00	60.05 2.42 0.00	66.55 2.31 0.00	68.01 1.92 0.00	65.07 1.84 0.00	55.29 1.76 0.00	50.50 2.36 0.00	42.87 2.20 0.00
BROOKLYN___ARMY_DRP 323595	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
BROOME_2_LFGE 323671	39.43 0.77 0.00	36.67 0.61 0.00	35.39 0.42 0.00	32.62 0.39 0.00	31.62 0.40 0.00	34.39 0.37 0.00	38.18 0.11 0.00	36.86 -0.15 0.00	36.06 0.04 0.00	34.25 0.21 0.00	34.35 0.31 0.00	36.64 0.33 0.00	37.75 0.37 0.00	39.24 0.35 0.00	42.96 0.43 0.00	44.65 0.49 0.00	48.64 0.58 0.00	58.33 0.69 0.00	64.95 0.71 0.00	66.82 0.73 0.00	63.81 0.57 0.00	53.95 0.43 0.00	49.11 0.96 0.00	41.61 0.94 0.00
BROOME___LFGE 323600	39.43 0.77 0.00	36.67 0.61 0.00	35.39 0.42 0.00	32.62 0.39 0.00	31.62 0.40 0.00	34.39 0.37 0.00	38.18 0.11 0.00	36.86 -0.15 0.00	36.06 0.04 0.00	34.25 0.21 0.00	34.35 0.31 0.00	36.64 0.33 0.00	37.75 0.37 0.00	39.24 0.35 0.00	42.96 0.43 0.00	44.65 0.49 0.00	48.64 0.58 0.00	58.33 0.69 0.00	64.95 0.71 0.00	66.82 0.73 0.00	63.81 0.57 0.00	53.95 0.43 0.00	49.11 0.96 0.00	41.61 0.94 0.00
BROWNFLS_115KV_TB_3_5 80003	39.58 0.93 0.00	37.00 0.94 0.00	35.80 0.84 0.00	32.94 0.71 0.00	32.06 0.84 0.00	34.96 0.95 0.00	39.36 1.29 0.00	38.26 1.26 0.00	36.92 0.90 0.00	34.62 0.58 0.00	34.59 0.54 0.00	36.86 0.54 0.00	37.97 0.60 0.00	39.63 0.74 0.00	43.34 0.81 0.00	44.70 0.53 0.00	48.69 0.62 0.00	58.73 1.10 0.00	65.91 1.67 0.00	68.34 2.25 0.00	65.64 2.40 0.00	55.77 2.25 0.00	49.83 1.69 0.00	41.98 1.30 0.00
BROWNSV1_27_KV_LOAD 356125	41.25 2.59 0.00	38.30 2.24 0.00	36.99 2.03 0.00	34.07 1.84 0.00	32.90 1.69 0.00	35.98 1.97 0.00	39.97 1.90 0.00	39.00 2.00 0.00	38.33 2.31 0.00	36.43 2.38 0.00	36.43 2.38 0.00	39.30 2.65 -0.33	40.56 2.84 -0.34	42.26 2.96 -0.41	46.72 3.28 -0.91	48.26 3.36 -0.74	51.62 3.56 0.00	60.80 3.17 0.00	67.46 3.21 0.00	69.00 2.91 0.00	65.89 2.66 0.00	56.04 2.52 0.00	51.18 3.03 0.00	43.40 2.73 0.00
BURROWS___LYONSDAL 23803	39.97 1.31 0.00	37.32 1.26 0.00	36.12 1.15 0.00	33.23 1.00 0.00	32.37 1.15 0.00	35.30 1.29 0.00	39.55 1.48 0.00	38.34 1.33 0.00	37.03 1.01 0.00	34.79 0.75 0.00	34.73 0.68 0.00	37.01 0.69 0.00	38.12 0.75 0.00	39.83 0.93 0.00	43.56 1.02 0.00	45.09 0.93 0.00	49.22 1.15 0.00	59.25 1.61 0.00	66.56 2.31 0.00	68.93 2.84 0.00	66.08 2.85 0.00	56.04 2.52 0.00	50.31 2.17 0.00	42.43 1.75 0.00
CAITHNESS_CC_1 323624	41.32 2.67 0.00	37.86 1.80 0.00	36.82 1.85 0.00	33.65 1.42 0.00	32.74 1.53 0.00	35.54 1.53 0.00	39.40 1.33 0.00	38.15 1.15 0.00	37.75 1.73 0.00	35.58 1.53 0.00	36.26 2.21 0.00	39.30 2.65 -0.33	40.64 2.92 -0.35	42.23 2.92 -0.42	46.73 3.28 -0.92	48.22 3.31 -0.74	50.80 2.74 0.00	59.35 2.19 0.47	65.69 1.99 0.55	66.97 0.92 0.05	63.25 0.45 0.43	54.07 0.75 0.20	49.20 1.06 0.00	43.36 2.68 0.00
CALPINE BETH_PAGE_GT4 24209	41.28 2.63 0.00	38.08 2.02 0.00	36.89 1.92 0.00	33.75 1.51 0.00	32.74 1.53 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.95 1.91 0.00	36.50 2.45 0.00	39.40 2.76 -0.33	40.41 2.69 -0.34	42.10 2.80 -0.41	46.55 3.11 -0.91	47.99 3.09 -0.74	50.90 2.84 0.00	59.80 2.13 -0.04	66.41 2.12 -0.04	67.42 1.32 0.00	63.65 0.70 0.28	54.43 0.91 0.01	49.83 1.69 0.00	43.40 2.73 0.00
CALPINE_BETH_PAGE_GT_4 323586	41.09 2.44 0.00	38.08 2.02 0.00	36.89 1.92 0.00	33.75 1.52 0.00	32.74 1.53 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.95 1.91 0.00	36.50 2.45 0.00	39.41 2.76 -0.34	40.53 2.80 -0.35	42.11 2.80 -0.42	46.52 3.06 -0.92	48.00 3.09 -0.74	50.61 2.55 0.00	59.63 1.96 -0.04	66.08 1.80 -0.04	66.95 0.86 0.00	63.59 0.63 0.28	54.32 0.80 0.01	49.35 1.20 0.00	43.20 2.52 0.00
CALPINE_BP_GT1 23823	41.09 2.44 0.00	38.08 2.02 0.00	36.89 1.92 0.00	33.75 1.52 0.00	32.74 1.53 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.52 1.52 0.00	38.04 2.02 0.00	35.95 1.91 0.00	36.50 2.45 0.00	39.41 2.76 -0.34	40.53 2.80 -0.35	42.11 2.80 -0.42	46.52 3.06 -0.92	48.00 3.09 -0.74	50.61 2.55 0.00	59.63 1.96 -0.04	66.08 1.80 -0.04	66.95 0.86 0.00	63.59 0.63 0.28	54.32 0.80 0.01	49.35 1.20 0.00	43.20 2.52 0.00
CALSPAN___DRP 24200	39.43 0.77 0.00	36.89 0.83 0.00	34.79 -0.17 0.00	32.26 0.03 0.00	31.43 0.22 0.00	33.81 -0.20 0.00	36.81 -1.26 0.00	35.38 -1.63 0.00	35.23 -0.79 0.00	33.87 -0.17 0.00	34.39 0.34 0.00	36.65 0.33 0.00	37.93 0.56 0.00	39.44 0.54 0.00	42.96 0.43 0.00	44.92 0.75 0.00	48.69 0.62 0.00	58.27 0.63 0.00	64.82 0.58 0.00	66.09 0.00 0.00	62.29 -0.95 0.00	52.72 -0.80 0.00	49.06 0.91 0.00	41.82 1.14 0.00

CALVERTON___SOLAR 323806	41.44 2.78 0.00	37.86 1.80 0.00	36.92 1.96 0.00	33.75 1.52 0.00	32.84 1.62 0.00	35.58 1.57 0.00	39.47 1.41 0.00	38.12 1.11 0.00	37.79 1.76 0.00	35.61 1.57 0.00	36.33 2.28 0.00	39.41 2.76 -0.33	40.75 3.03 -0.35	42.35 3.04 -0.42	46.90 3.44 -0.92	48.45 3.53 -0.74	51.09 3.03 0.00	59.75 2.60 0.48	66.12 2.44 0.56	67.36 1.32 0.05	63.57 0.76 0.43	54.29 0.96 0.20	49.35 1.20 0.00	43.48 2.80 0.00
CANDIGU_WT_PWR 323617	39.81 1.16 0.00	36.93 0.86 0.00	35.24 0.28 0.00	32.55 0.32 0.00	31.62 0.40 0.00	34.25 0.24 0.00	37.68 -0.38 0.00	36.04 -0.96 0.00	35.34 -0.69 0.00	33.67 -0.37 0.00	33.91 -0.14 0.00	36.21 -0.11 0.00	37.37 0.00 0.00	38.81 -0.08 0.00	42.58 0.04 0.00	44.17 0.00 0.00	48.40 0.34 0.00	57.92 0.29 0.00	64.50 0.26 0.00	66.56 0.47 0.00	63.43 0.19 0.00	53.58 0.05 0.00	49.39 1.25 0.00	41.98 1.30 0.00
CARR STREET_E_SYR 24060	38.54 -0.12 0.00	35.88 -0.18 0.00	34.68 -0.28 0.00	32.01 -0.22 0.00	31.00 -0.22 0.00	33.78 -0.24 0.00	37.68 -0.38 0.00	36.49 -0.52 0.00	35.59 -0.43 0.00	33.70 -0.34 0.00	33.77 -0.27 0.00	36.03 -0.29 0.00	36.96 -0.41 0.00	38.35 -0.54 0.00	41.98 -0.55 0.00	43.64 -0.53 0.00	47.49 -0.57 0.00	57.00 -0.63 0.00	63.60 -0.64 0.00	65.43 -0.66 0.00	62.61 -0.63 0.00	52.93 -0.59 0.00	47.91 -0.24 0.00	40.47 -0.20 0.00
CARTHAGE___PAPER 23857	40.32 1.66 0.00	37.69 1.62 0.00	36.40 1.43 0.00	33.46 1.22 0.00	32.65 1.44 0.00	35.61 1.60 0.00	40.01 1.94 0.00	38.67 1.67 0.00	37.21 1.19 0.00	34.83 0.78 0.00	34.76 0.72 0.00	37.01 0.69 0.00	38.08 0.71 0.00	39.79 0.90 0.00	43.43 0.89 0.00	44.96 0.80 0.00	49.12 1.06 0.00	59.31 1.67 0.00	66.88 2.64 0.00	69.66 3.57 0.00	66.90 3.67 0.00	56.84 3.32 0.00	50.94 2.79 0.00	42.83 2.15 0.00
CASSADAGA_WT_PWR 323784	40.55 1.89 0.00	37.58 1.51 0.00	35.49 0.53 0.00	32.81 0.58 0.00	31.96 0.75 0.00	34.45 0.44 0.00	37.65 -0.42 0.00	36.30 -0.70 0.00	36.17 0.14 0.00	34.83 0.78 0.00	35.41 1.36 0.00	37.77 1.45 0.00	39.09 1.72 0.00	40.68 1.79 0.00	44.58 2.04 0.00	46.29 2.12 0.00	50.32 2.26 0.00	59.88 2.25 0.00	66.36 2.12 0.00	67.94 1.85 0.00	63.94 0.70 0.00	54.17 0.64 0.00	50.41 2.26 0.00	42.83 2.15 0.00
CE_DUNWOOD___DRP 24194	40.67 2.01 0.00	37.79 1.73 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.53 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.45 1.44 0.00	37.68 1.66 0.00	35.75 1.70 0.00	35.75 1.70 0.00	38.57 1.92 -0.33	39.77 2.06 -0.34	41.44 2.14 -0.41	45.78 2.34 -0.91	47.24 2.34 -0.73	50.56 2.50 0.00	59.88 2.25 0.00	66.43 2.18 0.00	68.01 1.92 0.00	64.88 1.64 0.00	55.18 1.66 0.00	50.31 2.17 0.00	42.71 2.03 0.00
CE_MILLWOOD___DRP 24193	40.55 1.89 0.00	37.68 1.62 0.00	36.50 1.54 0.00	33.62 1.39 0.00	32.46 1.25 0.00	35.47 1.46 0.00	39.36 1.29 0.00	38.34 1.33 0.00	37.57 1.55 0.00	35.64 1.60 0.00	35.65 1.60 0.00	38.42 1.78 -0.32	39.62 1.91 -0.34	41.28 1.98 -0.41	45.61 2.17 -0.90	47.11 2.21 -0.73	50.37 2.31 0.00	59.71 2.07 0.00	66.23 1.99 0.00	67.81 1.72 0.00	64.76 1.52 0.00	55.02 1.50 0.00	50.17 2.02 0.00	42.63 1.95 0.00
CE_NYC2_DRP 24202	41.09 2.44 0.00	38.12 2.06 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.62 1.40 0.00	35.54 1.53 0.00	39.44 1.37 0.00	38.56 1.55 0.00	37.93 1.91 0.00	36.12 2.08 0.00	36.13 2.08 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	41.99 2.68 -0.41	46.42 2.98 -0.91	47.95 3.05 -0.74	51.19 3.12 0.00	59.82 2.19 0.01	66.23 1.99 0.00	67.81 1.72 0.00	64.69 1.45 0.00	55.23 1.71 0.00	50.70 2.55 0.00	43.24 2.56 0.00
CE_NYC_DRP 24195	40.94 2.28 0.00	38.01 1.95 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.66 1.60 0.00	38.71 1.70 0.00	38.00 1.98 0.00	36.12 2.08 0.00	36.13 2.08 0.00	39.01 2.36 -0.33	40.22 2.50 -0.34	41.91 2.61 -0.41	46.34 2.89 -0.91	47.82 2.91 -0.74	51.14 3.08 0.00	60.29 2.65 0.00	66.81 2.57 0.00	68.34 2.25 0.00	65.26 2.02 0.00	55.50 1.98 0.00	50.70 2.55 0.00	43.04 2.36 0.00
CHAFFEE___LFGE 323603	39.86 1.20 0.00	36.96 0.90 0.00	34.90 -0.07 0.00	32.30 0.06 0.00	31.46 0.25 0.00	33.88 -0.14 0.00	36.89 -1.18 0.00	35.42 -1.59 0.00	35.30 -0.72 0.00	33.91 -0.14 0.00	34.42 0.38 0.00	36.72 0.40 0.00	38.01 0.63 0.00	39.51 0.62 0.00	43.43 0.89 0.00	45.05 0.88 0.00	48.88 0.82 0.00	58.55 0.92 0.00	64.82 0.58 0.00	66.42 0.33 0.00	62.54 -0.69 0.00	52.93 -0.59 0.00	49.35 1.20 0.00	42.02 1.34 0.00
CHATEAUG_35_KV_LOAD 355732	38.77 0.12 0.00	36.28 0.22 0.00	35.18 0.21 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.22 0.20 0.00	38.64 0.57 0.00	37.71 0.70 0.00	36.60 0.58 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.82 0.45 0.00	39.40 0.51 0.00	43.13 0.60 0.00	44.61 0.44 0.00	48.64 0.58 0.00	58.61 0.98 0.00	65.46 1.22 0.00	67.55 1.45 0.00	64.76 1.52 0.00	54.70 1.18 0.00	48.53 0.39 0.00	40.84 0.16 0.00
CHATEAUG_WT_PWR 323614	38.81 0.16 0.00	36.32 0.25 0.00	35.24 0.28 0.00	32.46 0.23 0.00	31.46 0.25 0.00	34.25 0.24 0.00	38.67 0.61 0.00	37.75 0.74 0.00	36.67 0.65 0.00	34.56 0.51 0.00	34.56 0.51 0.00	36.83 0.51 0.00	37.93 0.56 0.00	39.51 0.62 0.00	43.21 0.68 0.00	44.74 0.57 0.00	48.79 0.72 0.00	58.73 1.09 0.00	65.53 1.28 0.00	67.54 1.45 0.00	64.75 1.52 0.00	54.70 1.18 0.00	48.58 0.43 0.00	40.92 0.25 0.00
CHAT_HIGH_FALL_HYD 323578	38.77 0.12 0.00	36.28 0.22 0.00	35.18 0.21 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.22 0.20 0.00	38.64 0.57 0.00	37.71 0.70 0.00	36.60 0.58 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.82 0.45 0.00	39.40 0.51 0.00	43.13 0.60 0.00	44.61 0.44 0.00	48.64 0.58 0.00	58.61 0.98 0.00	65.46 1.22 0.00	67.55 1.45 0.00	64.76 1.52 0.00	54.70 1.18 0.00	48.53 0.39 0.00	40.84 0.16 0.00
CHAUTAUQUA___LFGE 323629	40.28 1.62 0.00	37.32 1.26 0.00	35.24 0.28 0.00	32.62 0.39 0.00	31.74 0.53 0.00	34.22 0.21 0.00	37.34 -0.72 0.00	35.79 -1.22 0.00	35.70 -0.32 0.00	34.35 0.31 0.00	34.90 0.85 0.00	37.19 0.87 0.00	38.49 1.12 0.00	40.02 1.13 0.00	43.86 1.32 0.00	45.54 1.37 0.00	49.46 1.39 0.00	59.25 1.61 0.00	65.59 1.35 0.00	67.21 1.12 0.00	63.37 0.13 0.00	53.63 0.11 0.00	49.97 1.83 0.00	42.51 1.83 0.00
CHERRYST_13_KV_LD 356241	41.05 2.40 0.00	38.12 2.06 0.00	36.85 1.89 0.00	33.94 1.71 0.00	32.77 1.56 0.00	35.85 1.84 0.00	39.82 1.75 0.00	38.86 1.85 0.00	38.18 2.16 0.00	36.29 2.25 0.00	36.30 2.25 0.00	39.15 2.51 -0.33	40.41 2.69 -0.34	42.10 2.80 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.52 2.88 0.00	67.07 2.83 0.00	68.60 2.51 0.00	65.51 2.28 0.00	55.72 2.19 0.00	50.89 2.74 0.00	43.16 2.48 0.00

CHESTROR_138KV_BK263 355645	40.12 1.47 0.00	37.36 1.30 0.00	36.19 1.22 0.00	33.33 1.10 0.00	32.18 0.97 0.00	35.13 1.12 0.00	39.02 0.95 0.00	37.93 0.93 0.00	37.10 1.08 0.00	35.13 1.09 0.00	35.10 1.06 0.00	37.80 1.20 -0.28	38.94 1.27 -0.29	40.57 1.32 -0.35	44.72 1.40 -0.78	46.25 1.46 -0.63	49.70 1.63 0.00	59.08 1.44 0.00	65.59 1.35 0.00	67.35 1.26 0.00	64.31 1.08 0.00	54.59 1.07 0.00	49.69 1.54 0.00	42.22 1.55 0.00
CH_MIDHUDSON___DRP 24192	40.43 1.78 0.00	37.61 1.55 0.00	36.43 1.47 0.00	33.55 1.32 0.00	32.40 1.19 0.00	35.41 1.39 0.00	39.32 1.26 0.00	38.19 1.18 0.00	37.28 1.26 0.00	35.24 1.19 0.00	35.21 1.16 0.00	37.83 1.27 -0.24	39.01 1.38 -0.25	40.67 1.48 -0.30	44.77 1.57 -0.66	46.38 1.68 -0.54	49.94 1.87 0.00	59.48 1.84 0.00	66.11 1.86 0.00	67.88 1.78 0.00	64.82 1.58 0.00	55.02 1.50 0.00	50.07 1.93 0.00	42.55 1.87 0.00
CH_MISC_IPPS 23765	40.59 1.93 0.00	37.83 1.77 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.52 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.43 1.40 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.96 1.38 -0.26	39.18 1.53 -0.27	40.85 1.63 -0.33	44.91 1.66 -0.72	46.60 1.85 -0.58	50.28 2.21 0.00	59.88 2.25 0.00	66.43 2.19 0.00	68.27 2.18 0.00	65.20 1.96 0.00	55.34 1.82 0.00	50.31 2.17 0.00	42.75 2.07 0.00
CH_RES_BVR_FALLS 23983	38.54 -0.12 0.00	35.99 -0.07 0.00	34.90 -0.07 0.00	32.17 -0.06 0.00	31.15 -0.06 0.00	33.98 -0.03 0.00	38.14 0.08 0.00	37.12 0.11 0.00	36.09 0.07 0.00	34.04 0.00 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.37 0.00 0.00	38.93 0.04 0.00	42.58 0.04 0.00	44.17 0.00 0.00	48.06 0.00 0.00	57.69 0.06 0.00	64.37 0.13 0.00	66.29 0.20 0.00	63.43 0.19 0.00	53.68 0.16 0.00	48.05 -0.10 0.00	40.59 -0.08 0.00
CH_RES_NIAGARA 23895	38.23 -0.43 0.00	35.81 -0.25 0.00	33.71 -1.26 0.00	31.30 -0.93 0.00	30.50 -0.72 0.00	32.79 -1.22 0.00	35.63 -2.44 0.00	34.34 -2.66 0.00	34.26 -1.77 0.00	32.89 -1.16 0.00	33.30 -0.75 0.00	35.45 -0.87 0.00	36.66 -0.71 0.00	38.04 -0.86 0.00	41.47 -1.06 0.00	43.24 -0.93 0.00	46.91 -1.15 0.00	56.19 -1.44 0.00	62.51 -1.73 0.00	63.71 -2.38 0.00	60.08 -3.16 0.00	50.79 -2.73 0.00	47.47 -0.67 0.00	40.47 -0.20 0.00
CH_RES_SYRACUSE 23985	38.77 0.12 0.00	36.10 0.04 0.00	34.90 -0.07 0.00	32.17 -0.06 0.00	31.18 -0.03 0.00	33.98 -0.03 0.00	37.91 -0.15 0.00	36.67 -0.33 0.00	35.77 -0.25 0.00	33.84 -0.20 0.00	33.91 -0.14 0.00	36.21 -0.11 0.00	37.22 -0.15 0.00	38.70 -0.19 0.00	42.41 -0.13 0.00	44.08 -0.09 0.00	47.97 -0.10 0.00	57.58 -0.06 0.00	64.37 0.13 0.00	66.22 0.13 0.00	63.37 0.13 0.00	53.52 0.00 0.00	48.53 0.38 0.00	40.96 0.29 0.00
CLINTON_WT_PWR 323605	38.81 0.16 0.00	36.32 0.25 0.00	35.24 0.28 0.00	32.46 0.23 0.00	31.46 0.25 0.00	34.25 0.24 0.00	38.67 0.61 0.00	37.75 0.74 0.00	36.67 0.65 0.00	34.56 0.51 0.00	34.56 0.51 0.00	36.83 0.51 0.00	37.93 0.56 0.00	39.51 0.62 0.00	43.21 0.68 0.00	44.74 0.57 0.00	48.79 0.72 0.00	58.73 1.09 0.00	65.53 1.28 0.00	67.54 1.45 0.00	64.75 1.52 0.00	54.70 1.18 0.00	48.58 0.43 0.00	40.92 0.25 0.00
CLINTON___LFGE 323618	39.74 1.08 0.00	37.18 1.12 0.00	36.05 1.09 0.00	33.17 0.94 0.00	32.18 0.97 0.00	35.03 1.02 0.00	39.55 1.48 0.00	38.60 1.59 0.00	37.50 1.48 0.00	35.30 1.26 0.00	35.31 1.26 0.00	37.62 1.31 0.00	38.79 1.42 0.00	40.45 1.56 0.00	44.28 1.74 0.00	45.75 1.59 0.00	49.94 1.87 0.00	60.34 2.71 0.00	67.33 3.08 0.00	69.53 3.43 0.00	66.65 3.41 0.00	56.20 2.67 0.00	49.83 1.68 0.00	41.90 1.22 0.00
COBBLENY_34_KV_TB1 80064	39.51 0.85 0.00	36.96 0.90 0.00	34.83 -0.14 0.00	32.30 0.06 0.00	31.46 0.25 0.00	33.88 -0.14 0.00	36.89 -1.18 0.00	35.42 -1.59 0.00	35.30 -0.72 0.00	33.91 -0.14 0.00	34.42 0.37 0.00	36.72 0.40 0.00	38.01 0.64 0.00	39.51 0.62 0.00	43.09 0.55 0.00	45.05 0.88 0.00	48.88 0.82 0.00	58.56 0.92 0.00	65.14 0.90 0.00	66.42 0.33 0.00	62.54 -0.70 0.00	52.88 -0.64 0.00	49.20 1.06 0.00	41.90 1.22 0.00
COFFEEN___115KV_TB3 355620	40.82 2.16 0.00	38.12 2.06 0.00	36.82 1.85 0.00	33.84 1.61 0.00	33.06 1.84 0.00	36.05 2.04 0.00	40.46 2.40 0.00	39.00 2.00 0.00	37.46 1.44 0.00	35.07 1.02 0.00	34.97 0.92 0.00	37.23 0.91 0.00	38.31 0.93 0.00	40.02 1.13 0.00	43.64 1.11 0.00	45.27 1.10 0.00	49.55 1.49 0.00	59.82 2.19 0.00	67.58 3.34 0.00	70.59 4.49 0.00	67.92 4.68 0.00	57.64 4.12 0.00	51.66 3.51 0.00	43.52 2.85 0.00
COLDSPRG_115KV_BK1 355956	40.09 1.43 0.00	37.43 1.37 0.00	35.32 0.35 0.00	32.72 0.48 0.00	31.84 0.62 0.00	34.35 0.34 0.00	37.57 -0.49 0.00	36.27 -0.74 0.00	36.09 0.07 0.00	34.79 0.75 0.00	35.38 1.33 0.00	37.73 1.42 0.00	39.02 1.64 0.00	40.64 1.75 0.00	44.24 1.70 0.00	46.29 2.12 0.00	50.37 2.31 0.00	59.77 2.13 0.00	66.43 2.18 0.00	67.74 1.65 0.00	63.74 0.51 0.00	54.00 0.48 0.00	50.07 1.93 0.00	42.63 1.95 0.00
COLONIE_LFGE___ 323577	39.93 1.27 0.00	37.25 1.19 0.00	36.12 1.15 0.00	33.29 1.06 0.00	32.21 1.00 0.00	35.13 1.12 0.00	39.13 1.06 0.00	37.89 0.89 0.00	36.70 0.68 0.00	34.62 0.58 0.00	34.49 0.44 0.00	36.37 0.44 0.38	37.42 0.45 0.40	38.88 0.47 0.48	41.98 0.51 1.07	43.92 0.62 0.87	48.69 0.62 0.00	58.55 0.92 0.00	65.33 1.09 0.00	67.28 1.19 0.00	64.50 1.26 0.00	54.59 1.07 0.00	49.39 1.25 0.00	41.86 1.18 0.00
COOPERNY_115KV_TB1 80082	39.74 1.08 0.00	37.04 0.97 0.00	35.91 0.94 0.00	33.07 0.84 0.00	31.96 0.75 0.00	34.90 0.88 0.00	38.79 0.72 0.00	37.67 0.67 0.00	36.81 0.79 0.00	34.86 0.82 0.00	34.87 0.82 0.00	37.42 0.91 -0.19	38.51 0.93 -0.20	40.15 1.01 -0.24	44.14 1.06 -0.54	45.71 1.10 -0.43	49.27 1.20 0.00	58.73 1.10 0.00	65.27 1.03 0.00	67.02 0.93 0.00	64.00 0.76 0.00	54.33 0.80 0.00	49.30 1.16 0.00	41.86 1.18 0.00
COPENHAGEN_WT_PWR 323753	40.40 1.74 0.00	37.69 1.62 0.00	36.40 1.43 0.00	33.49 1.26 0.00	32.68 1.47 0.00	35.61 1.60 0.00	39.97 1.90 0.00	38.56 1.55 0.00	37.14 1.12 0.00	34.79 0.75 0.00	34.73 0.68 0.00	36.97 0.65 0.00	38.05 0.67 0.00	39.71 0.82 0.00	43.43 0.89 0.00	44.96 0.80 0.00	49.12 1.06 0.00	59.25 1.61 0.00	66.82 2.57 0.00	69.59 3.50 0.00	66.90 3.67 0.00	56.79 3.27 0.00	51.03 2.89 0.00	42.95 2.28 0.00
CORNELL_____ 23752	39.66 1.01 0.00	36.96 0.90 0.00	35.70 0.73 0.00	32.91 0.68 0.00	31.93 0.72 0.00	34.76 0.75 0.00	38.75 0.69 0.00	37.41 0.41 0.00	36.42 0.40 0.00	34.42 0.37 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.78 0.41 0.00	39.32 0.43 0.00	43.05 0.51 0.00	44.78 0.62 0.00	48.88 0.82 0.00	58.79 1.15 0.00	65.91 1.67 0.00	67.94 1.85 0.00	65.01 1.77 0.00	54.86 1.34 0.00	49.78 1.64 0.00	42.06 1.38 0.00

CORONA__69_KV_TB1 355595	41.56 2.90 0.00	38.26 2.20 0.00	37.10 2.13 0.00	33.91 1.68 0.00	32.90 1.69 0.00	35.88 1.87 0.00	39.82 1.75 0.00	38.71 1.70 0.00	38.22 2.20 0.00	36.15 2.11 0.00	36.60 2.55 0.00	39.48 2.83 -0.33	40.71 2.99 -0.34	42.38 3.07 -0.41	46.81 3.36 -0.91	48.35 3.44 -0.74	51.43 3.36 0.00	60.46 2.82 0.00	67.20 2.96 0.00	68.34 2.25 0.00	64.84 1.64 0.04	55.23 1.71 0.00	50.46 2.31 0.00	43.69 3.01 0.00
CORTLAND__115KV_TB3 80093	39.20 0.54 0.00	36.53 0.47 0.00	35.32 0.35 0.00	32.55 0.32 0.00	31.56 0.34 0.00	34.35 0.34 0.00	38.29 0.23 0.00	36.97 -0.04 0.00	36.06 0.04 0.00	34.15 0.10 0.00	34.18 0.14 0.00	36.46 0.15 0.00	37.52 0.15 0.00	39.05 0.16 0.00	42.71 0.17 0.00	44.43 0.26 0.00	48.40 0.34 0.00	58.10 0.46 0.00	64.95 0.71 0.00	66.88 0.79 0.00	64.00 0.76 0.00	54.06 0.54 0.00	49.01 0.87 0.00	41.45 0.77 0.00
COXSACKIE__GT 23611	40.59 1.93 0.00	37.79 1.73 0.00	36.82 1.85 0.00	33.91 1.67 0.00	32.74 1.53 0.00	35.75 1.73 0.00	39.78 1.71 0.00	38.30 1.29 0.00	36.74 0.72 0.00	34.35 0.31 0.00	34.15 0.10 0.00	36.50 0.29 0.11	37.18 -0.07 0.11	38.79 0.04 0.14	42.19 -0.04 0.30	44.14 0.22 0.24	47.82 0.58 0.82	54.65 1.15 4.13	59.51 1.67 6.40	68.25 2.18 0.02	65.24 2.02 0.02	55.21 1.71 0.02	49.90 1.78 0.02	42.10 1.42 0.00
CPV__VALLEY__CC1 323721	39.81 1.16 0.00	37.14 1.08 0.00	35.94 0.98 0.00	33.10 0.87 0.00	31.99 0.78 0.00	34.93 0.92 0.00	38.79 0.72 0.00	37.71 0.70 0.00	36.88 0.86 0.00	34.96 0.92 0.00	34.93 0.88 0.00	37.55 0.98 -0.25	38.68 1.04 -0.26	40.29 1.09 -0.31	44.34 1.10 -0.70	45.92 1.19 -0.56	49.36 1.30 0.00	58.67 1.04 0.00	65.14 0.90 0.00	66.82 0.73 0.00	63.87 0.63 0.00	54.22 0.69 0.00	49.25 1.11 0.00	41.86 1.18 0.00
CPV__VALLEY__CC2 323722	39.81 1.16 0.00	37.14 1.08 0.00	35.94 0.98 0.00	33.10 0.87 0.00	31.99 0.78 0.00	34.93 0.92 0.00	38.79 0.72 0.00	37.71 0.70 0.00	36.88 0.86 0.00	34.96 0.92 0.00	34.93 0.88 0.00	37.55 0.98 -0.25	38.68 1.04 -0.26	40.29 1.09 -0.31	44.34 1.10 -0.70	45.92 1.19 -0.56	49.36 1.30 0.00	58.67 1.04 0.00	65.14 0.90 0.00	66.82 0.73 0.00	63.87 0.63 0.00	54.22 0.69 0.00	49.25 1.11 0.00	41.86 1.18 0.00
CRESCENT__HYD 24018	39.93 1.27 0.00	37.25 1.19 0.00	36.12 1.15 0.00	33.29 1.06 0.00	32.21 1.00 0.00	35.13 1.12 0.00	39.13 1.06 0.00	37.89 0.89 0.00	36.70 0.68 0.00	34.62 0.58 0.00	34.49 0.44 0.00	36.37 0.44 0.38	37.42 0.45 0.40	38.88 0.47 0.48	41.98 0.51 1.07	43.92 0.62 0.87	48.69 0.62 0.00	58.55 0.92 0.00	65.33 1.09 0.00	67.28 1.19 0.00	64.50 1.26 0.00	54.59 1.07 0.00	49.39 1.25 0.00	41.86 1.18 0.00
CRICKET__VALLEY_CC1 323756	39.86 1.20 0.00	37.25 1.19 0.00	36.01 1.05 0.00	33.23 1.00 0.00	32.12 0.91 0.00	35.07 1.06 0.00	38.87 0.80 0.00	37.82 0.81 0.00	36.85 0.83 0.00	34.86 0.82 0.00	34.76 0.72 0.00	32.95 0.80 4.17	33.85 0.86 4.38	34.53 0.90 5.25	31.83 0.93 11.64	35.74 0.97 9.40	49.12 1.06 0.00	58.55 0.92 0.00	65.02 0.77 0.00	66.69 0.59 0.00	63.81 0.57 0.00	54.11 0.59 0.00	49.20 1.06 0.00	41.86 1.18 0.00
CRICKET__VALLEY_CC2 323757	39.86 1.20 0.00	37.25 1.19 0.00	36.01 1.05 0.00	33.23 1.00 0.00	32.12 0.91 0.00	35.07 1.06 0.00	38.87 0.80 0.00	37.82 0.81 0.00	36.85 0.83 0.00	34.86 0.82 0.00	34.76 0.72 0.00	32.95 0.80 4.17	33.85 0.86 4.38	34.53 0.90 5.25	31.83 0.93 11.64	35.74 0.97 9.40	49.12 1.06 0.00	58.55 0.92 0.00	65.02 0.77 0.00	66.69 0.59 0.00	63.81 0.57 0.00	54.11 0.59 0.00	49.20 1.06 0.00	41.86 1.18 0.00
CRICKET__VALLEY_CC3 323758	39.86 1.20 0.00	37.25 1.19 0.00	36.01 1.05 0.00	33.23 1.00 0.00	32.12 0.91 0.00	35.07 1.06 0.00	38.87 0.80 0.00	37.82 0.81 0.00	36.85 0.83 0.00	34.86 0.82 0.00	34.76 0.72 0.00	32.95 0.80 4.17	33.85 0.86 4.38	34.53 0.90 5.25	31.83 0.93 11.64	35.74 0.97 9.40	49.12 1.06 0.00	58.55 0.92 0.00	65.02 0.77 0.00	66.69 0.59 0.00	63.81 0.57 0.00	54.11 0.59 0.00	49.20 1.06 0.00	41.86 1.18 0.00
CRUCIBLE__METL_DRP 24180	38.73 0.08 0.00	36.10 0.04 0.00	34.90 -0.07 0.00	32.17 -0.06 0.00	31.18 -0.03 0.00	33.98 -0.03 0.00	37.91 -0.15 0.00	36.67 -0.33 0.00	35.77 -0.25 0.00	33.84 -0.20 0.00	33.91 -0.14 0.00	36.21 -0.11 0.00	37.22 -0.15 0.00	38.70 -0.19 0.00	42.37 -0.17 0.00	44.08 -0.09 0.00	48.02 -0.05 0.00	57.58 -0.06 0.00	64.37 0.13 0.00	66.22 0.13 0.00	63.36 0.13 0.00	53.52 0.00 0.00	48.48 0.34 0.00	40.96 0.28 0.00
DAHOWA__HYDRO 323763	40.32 1.66 0.00	37.58 1.51 0.00	36.37 1.40 0.00	33.52 1.29 0.00	32.49 1.28 0.00	35.41 1.40 0.00	39.43 1.37 0.00	38.12 1.11 0.00	36.74 0.72 0.00	34.56 0.51 0.00	34.32 0.27 0.00	36.26 0.26 0.31	37.31 0.26 0.33	38.81 0.31 0.39	42.00 0.34 0.87	43.99 0.53 0.71	48.64 0.58 0.00	58.73 1.09 0.00	65.91 1.67 0.00	68.34 2.25 0.00	65.77 2.53 0.00	55.61 2.09 0.00	50.21 2.07 0.00	42.46 1.79 0.00
DANC__LFGE 323619	39.58 0.93 0.00	36.93 0.86 0.00	35.66 0.70 0.00	32.84 0.61 0.00	31.96 0.75 0.00	34.83 0.81 0.00	39.02 0.95 0.00	37.71 0.70 0.00	36.46 0.43 0.00	34.28 0.24 0.00	34.25 0.21 0.00	36.50 0.18 0.00	37.56 0.19 0.00	39.17 0.27 0.00	42.79 0.26 0.00	44.39 0.22 0.00	48.35 0.29 0.00	58.21 0.58 0.00	65.40 1.16 0.00	67.88 1.79 0.00	65.07 1.84 0.00	55.23 1.71 0.00	49.83 1.68 0.00	41.98 1.30 0.00
DANSKAMMER__1 23586	40.59 1.93 0.00	37.83 1.77 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.52 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.43 1.40 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.96 1.38 -0.26	39.18 1.53 -0.27	40.85 1.63 -0.33	44.91 1.66 -0.72	46.60 1.85 -0.58	50.28 2.21 0.00	59.88 2.25 0.00	66.43 2.19 0.00	68.27 2.18 0.00	65.20 1.96 0.00	55.34 1.82 0.00	50.31 2.17 0.00	42.75 2.07 0.00
DANSKAMMER__2 23589	40.59 1.93 0.00	37.83 1.77 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.52 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.43 1.40 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.96 1.38 -0.26	39.18 1.53 -0.27	40.85 1.63 -0.33	44.91 1.66 -0.72	46.60 1.85 -0.58	50.28 2.21 0.00	59.88 2.25 0.00	66.43 2.19 0.00	68.27 2.18 0.00	65.20 1.96 0.00	55.34 1.82 0.00	50.31 2.17 0.00	42.75 2.07 0.00
DANSKAMMER__3 23590	40.59 1.93 0.00	37.83 1.77 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.52 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.43 1.40 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.96 1.38 -0.26	39.18 1.53 -0.27	40.85 1.63 -0.33	44.91 1.66 -0.72	46.60 1.85 -0.58	50.28 2.21 0.00	59.88 2.25 0.00	66.43 2.19 0.00	68.27 2.18 0.00	65.20 1.96 0.00	55.34 1.82 0.00	50.31 2.17 0.00	42.75 2.07 0.00

DANSKAMMER___4 23591	40.59 1.93 0.00	37.83 1.77 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.52 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.43 1.40 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.96 1.38 -0.26	39.18 1.53 -0.27	40.85 1.63 -0.33	44.91 1.66 -0.72	46.60 1.85 -0.58	50.28 2.21 0.00	59.88 2.25 0.00	66.43 2.19 0.00	68.27 2.18 0.00	65.20 1.96 0.00	55.34 1.82 0.00	50.31 2.17 0.00	42.75 2.07 0.00
DANSKAMMER___DIESEL 23592	40.63 1.97 0.00	37.76 1.69 0.00	36.61 1.64 0.00	33.68 1.45 0.00	32.53 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.43 1.40 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.96 1.38 -0.26	39.14 1.49 -0.27	40.85 1.63 -0.33	45.00 1.74 -0.72	46.60 1.85 -0.58	50.18 2.11 0.00	59.82 2.19 0.00	66.49 2.25 0.00	68.34 2.25 0.00	65.20 1.96 0.00	55.40 1.87 0.00	50.36 2.21 0.00	42.79 2.12 0.00
DARBY___SOLAR 323810	40.20 1.55 0.00	37.51 1.44 0.00	36.29 1.33 0.00	33.46 1.22 0.00	32.40 1.19 0.00	35.34 1.33 0.00	39.36 1.29 0.00	38.04 1.03 0.00	36.70 0.68 0.00	34.52 0.48 0.00	34.29 0.24 0.00	36.21 0.22 0.33	37.29 0.26 0.34	38.79 0.31 0.41	41.97 0.34 0.91	43.92 0.49 0.73	48.64 0.58 0.00	58.67 1.04 0.00	65.78 1.54 0.00	68.14 2.05 0.00	65.51 2.27 0.00	55.39 1.87 0.00	50.02 1.88 0.00	42.34 1.67 0.00
DASHVILLE___HYD 23610	40.12 1.47 0.00	37.32 1.26 0.00	36.19 1.22 0.00	33.33 1.10 0.00	32.18 0.97 0.00	35.13 1.12 0.00	38.98 0.91 0.00	37.82 0.81 0.00	36.92 0.90 0.00	34.86 0.82 0.00	34.80 0.75 0.00	37.56 1.09 -0.15	38.77 1.23 -0.16	40.45 1.36 -0.20	44.46 1.49 -0.43	46.11 1.59 -0.35	49.69 1.83 0.20	58.47 1.84 1.00	64.55 1.86 1.56	67.67 1.59 0.01	64.37 1.14 0.01	54.75 1.23 0.01	49.92 1.78 0.01	42.30 1.63 0.00
DELAWARE___LFGE 323621	39.82 1.16 0.00	37.11 1.05 0.00	36.08 1.12 0.00	33.23 1.00 0.00	32.21 1.00 0.00	35.13 1.12 0.00	39.02 0.95 0.00	37.71 0.70 0.00	36.74 0.72 0.00	34.76 0.71 0.00	34.76 0.72 0.00	37.08 0.76 0.00	38.19 0.82 0.00	39.75 0.86 0.00	43.47 0.94 0.00	45.14 0.97 0.00	49.22 1.15 0.00	58.90 1.27 0.00	65.59 1.35 0.00	67.48 1.39 0.00	64.57 1.33 0.00	54.75 1.23 0.00	49.59 1.44 0.00	41.98 1.30 0.00
DERFIELD_115KV_TB7 355931	38.85 0.19 0.00	36.24 0.18 0.00	35.14 0.17 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.22 0.20 0.00	38.22 0.15 0.00	37.19 0.19 0.00	36.17 0.14 0.00	34.15 0.10 0.00	34.12 0.07 0.00	36.39 0.07 0.00	37.48 0.11 0.00	39.01 0.12 0.00	42.66 0.13 0.00	44.30 0.13 0.00	48.21 0.14 0.00	57.81 0.17 0.00	64.44 0.19 0.00	66.29 0.20 0.00	63.43 0.19 0.00	53.79 0.27 0.00	48.43 0.29 0.00	40.96 0.28 0.00
DOGLEVILLE___HYD 23807	38.66 0.00 0.00	36.10 0.04 0.00	35.00 0.03 0.00	32.26 0.03 0.00	31.28 0.06 0.00	34.11 0.10 0.00	38.18 0.11 0.00	37.12 0.11 0.00	36.02 0.00 0.00	34.01 -0.03 0.00	33.98 -0.07 0.00	36.21 -0.11 0.00	37.30 -0.07 0.00	38.85 -0.04 0.00	42.49 -0.04 0.00	44.12 -0.04 0.00	47.97 -0.10 0.00	57.52 -0.12 0.00	64.18 -0.06 0.00	66.09 0.00 0.00	63.30 0.06 0.00	53.68 0.16 0.00	48.39 0.24 0.00	40.92 0.24 0.00
DUNKIRK__115KV_TB_200 55889	39.85 1.20 0.00	37.25 1.19 0.00	35.14 0.17 0.00	32.55 0.32 0.00	31.71 0.50 0.00	34.15 0.14 0.00	37.27 -0.80 0.00	35.71 -1.30 0.00	35.59 -0.43 0.00	34.28 0.24 0.00	34.80 0.75 0.00	37.12 0.80 0.00	38.38 1.01 0.00	39.90 1.01 0.00	43.47 0.94 0.00	45.40 1.24 0.00	49.31 1.25 0.00	59.13 1.50 0.00	65.72 1.48 0.00	67.08 0.99 0.00	63.18 -0.06 0.00	53.47 -0.05 0.00	49.69 1.54 0.00	42.30 1.63 0.00
DUNKIRK___1 23563	39.85 1.20 0.00	37.25 1.19 0.00	35.14 0.17 0.00	32.55 0.32 0.00	31.71 0.50 0.00	34.15 0.14 0.00	37.27 -0.80 0.00	35.71 -1.30 0.00	35.59 -0.43 0.00	34.28 0.24 0.00	34.80 0.75 0.00	37.12 0.80 0.00	38.38 1.01 0.00	39.90 1.01 0.00	43.47 0.94 0.00	45.40 1.24 0.00	49.31 1.25 0.00	59.13 1.50 0.00	65.72 1.48 0.00	67.08 0.99 0.00	63.18 -0.06 0.00	53.47 -0.05 0.00	49.69 1.54 0.00	42.30 1.63 0.00
DUNKIRK___2 23564	39.85 1.20 0.00	37.25 1.19 0.00	35.14 0.17 0.00	32.55 0.32 0.00	31.71 0.50 0.00	34.15 0.14 0.00	37.27 -0.80 0.00	35.71 -1.30 0.00	35.59 -0.43 0.00	34.28 0.24 0.00	34.80 0.75 0.00	37.12 0.80 0.00	38.38 1.01 0.00	39.90 1.01 0.00	43.47 0.94 0.00	45.40 1.24 0.00	49.31 1.25 0.00	59.13 1.50 0.00	65.72 1.48 0.00	67.08 0.99 0.00	63.18 -0.06 0.00	53.47 -0.05 0.00	49.69 1.54 0.00	42.30 1.63 0.00
DUNKIRK___3 23565	39.62 0.97 0.00	37.04 0.97 0.00	34.93 -0.03 0.00	32.39 0.16 0.00	31.53 0.31 0.00	33.94 -0.07 0.00	37.04 -1.03 0.00	35.53 -1.48 0.00	35.37 -0.65 0.00	34.08 0.03 0.00	34.59 0.54 0.00	36.86 0.54 0.00	38.12 0.75 0.00	39.63 0.74 0.00	43.17 0.64 0.00	45.14 0.97 0.00	48.98 0.91 0.00	58.73 1.10 0.00	65.27 1.03 0.00	66.55 0.46 0.00	62.73 -0.51 0.00	53.09 -0.43 0.00	49.35 1.20 0.00	42.02 1.34 0.00
DUNKIRK___4 23566	39.62 0.97 0.00	37.04 0.97 0.00	34.93 -0.03 0.00	32.39 0.16 0.00	31.53 0.31 0.00	33.94 -0.07 0.00	37.04 -1.03 0.00	35.53 -1.48 0.00	35.37 -0.65 0.00	34.08 0.03 0.00	34.59 0.54 0.00	36.86 0.54 0.00	38.12 0.75 0.00	39.63 0.74 0.00	43.17 0.64 0.00	45.14 0.97 0.00	48.98 0.91 0.00	58.73 1.10 0.00	65.27 1.03 0.00	66.55 0.46 0.00	62.73 -0.51 0.00	53.09 -0.43 0.00	49.35 1.20 0.00	42.02 1.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.78 2.13 0.00	37.90 1.84 0.00	36.68 1.71 0.00	33.75 1.51 0.00	32.59 1.37 0.00	35.64 1.63 0.00	39.59 1.52 0.00	38.60 1.59 0.00	37.82 1.80 0.00	35.92 1.87 0.00	35.92 1.87 0.00	38.75 2.11 -0.33	39.96 2.24 -0.34	41.64 2.33 -0.41	46.00 2.55 -0.91	47.51 2.61 -0.74	50.80 2.74 0.00	60.11 2.48 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.40 1.87 0.00	50.50 2.36 0.00	42.83 2.16 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	40.40 1.74 0.00	37.58 1.51 0.00	36.40 1.43 0.00	33.52 1.29 0.00	32.37 1.15 0.00	35.37 1.36 0.00	39.28 1.22 0.00	38.15 1.15 0.00	37.28 1.26 0.00	35.27 1.23 0.00	35.21 1.16 0.00	37.88 1.31 -0.26	39.02 1.38 -0.27	40.69 1.48 -0.32	44.86 1.62 -0.71	46.46 1.72 -0.58	49.99 1.92 0.00	59.54 1.90 0.00	66.11 1.86 0.00	67.94 1.85 0.00	64.82 1.58 0.00	55.07 1.55 0.00	50.07 1.93 0.00	42.55 1.87 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	41.17 2.51 0.00	38.15 2.09 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.75 1.73 0.00	35.98 1.94 0.00	35.96 1.91 0.00	38.82 2.18 -0.33	40.07 2.35 -0.34	41.83 2.53 -0.41	46.25 2.81 -0.91	47.73 2.83 -0.74	50.95 2.88 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.55 1.45 0.00	64.50 1.26 0.00	55.13 1.61 0.00	50.70 2.55 0.00	43.32 2.64 0.00

E179THST_13_KV_LOAD 356214	41.40 2.74 0.00	38.37 2.31 0.00	36.89 1.92 0.00	34.00 1.77 0.00	32.74 1.53 0.00	35.61 1.60 0.00	39.47 1.41 0.00	38.56 1.55 0.00	37.97 1.95 0.00	36.19 2.14 0.00	36.16 2.11 0.00	39.04 2.40 -0.33	40.33 2.62 -0.34	42.06 2.76 -0.41	46.51 3.06 -0.91	48.04 3.14 -0.74	51.28 3.22 0.00	59.87 2.25 0.01	66.49 2.25 0.00	68.01 1.92 0.00	64.95 1.71 0.00	55.50 1.98 0.00	50.99 2.84 0.00	43.56 2.89 0.00
EAST HAMPTON___GT 23717	42.21 3.55 0.00	38.33 2.27 0.00	37.41 2.45 0.00	34.20 1.97 0.00	33.40 2.18 0.00	36.26 2.24 0.00	40.01 1.94 0.00	38.75 1.74 0.00	38.72 2.70 0.00	36.60 2.55 0.00	37.65 3.61 0.00	41.01 4.36 -0.33	42.47 4.75 -0.35	44.17 4.86 -0.42	49.03 5.57 -0.92	50.69 5.78 -0.74	53.59 5.52 0.00	62.85 5.71 0.49	69.52 5.85 0.57	70.40 4.36 0.05	65.97 3.16 0.43	56.26 2.94 0.20	50.89 2.74 0.00	44.91 4.23 0.00
EAST RIVER___6 23660	40.86 2.20 0.00	38.04 1.98 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.66 1.60 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.25 2.81 -0.91	47.77 2.87 -0.74	51.19 3.12 0.00	60.23 2.60 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.26 2.02 0.00	55.50 1.98 0.00	50.65 2.50 0.00	43.03 2.36 0.00
EAST RIVER___7 23524	40.86 2.20 0.00	38.04 1.98 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.66 1.60 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.25 2.81 -0.91	47.77 2.87 -0.74	51.19 3.12 0.00	60.23 2.60 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.26 2.02 0.00	55.50 1.98 0.00	50.65 2.50 0.00	43.03 2.36 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.67 2.01 0.00	37.79 1.73 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.53 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.45 1.44 0.00	37.68 1.66 0.00	35.75 1.70 0.00	35.75 1.70 0.00	38.57 1.92 -0.33	39.77 2.06 -0.34	41.44 2.14 -0.41	45.78 2.34 -0.91	47.24 2.34 -0.73	50.56 2.50 0.00	59.88 2.25 0.00	66.43 2.18 0.00	68.01 1.92 0.00	64.88 1.64 0.00	55.18 1.66 0.00	50.31 2.17 0.00	42.71 2.03 0.00
EAST_HAMPTON___DIESEL 23722	42.17 3.52 0.00	38.30 2.24 0.00	37.38 2.41 0.00	34.13 1.90 0.00	33.37 2.15 0.00	36.22 2.21 0.00	39.97 1.90 0.00	38.71 1.70 0.00	38.69 2.67 0.00	36.60 2.55 0.00	37.65 3.61 0.00	41.01 4.36 -0.33	42.47 4.75 -0.35	44.21 4.90 -0.42	49.07 5.61 -0.92	50.69 5.78 -0.74	53.59 5.52 0.00	62.85 5.71 0.49	69.52 5.85 0.57	70.40 4.36 0.05	65.97 3.16 0.43	56.26 2.94 0.20	50.84 2.69 0.00	44.91 4.23 0.00
EAST_POINT___SOLAR 323840	41.71 3.05 0.00	38.84 2.78 0.00	37.55 2.59 0.00	34.62 2.39 0.00	33.62 2.40 0.00	36.67 2.65 0.00	40.16 2.09 0.00	37.63 0.63 0.00	36.09 0.07 0.00	34.15 0.10 0.00	34.29 0.24 0.00	35.95 -0.18 0.19	37.03 -0.15 0.20	38.43 -0.23 0.23	41.51 -0.51 0.52	43.53 -0.22 0.42	47.82 -0.24 0.00	58.55 0.92 0.00	66.30 2.06 0.00	70.72 4.62 0.00	68.86 5.63 0.00	58.18 4.65 0.00	52.43 4.28 0.00	44.17 3.50 0.00
EAST_PULASKI___ESR 323781	38.81 0.16 0.00	36.17 0.11 0.00	34.97 0.00 0.00	32.23 0.00 0.00	31.28 0.06 0.00	34.08 0.07 0.00	38.10 0.04 0.00	36.86 -0.15 0.00	35.81 -0.21 0.00	33.81 -0.24 0.00	33.81 -0.24 0.00	36.07 -0.25 0.00	37.07 -0.30 0.00	38.62 -0.27 0.00	42.24 -0.30 0.00	43.86 -0.31 0.00	47.63 -0.43 0.00	57.17 -0.46 0.00	63.99 -0.26 0.00	66.09 0.00 0.00	63.30 0.06 0.00	53.68 0.16 0.00	48.68 0.53 0.00	41.08 0.41 0.00
EAST_RIVER___1 323558	40.90 2.24 0.00	38.08 2.02 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.66 1.60 0.00	38.71 1.70 0.00	38.00 1.98 0.00	36.12 2.08 0.00	36.13 2.08 0.00	39.00 2.36 -0.33	40.26 2.54 -0.34	41.91 2.61 -0.41	46.25 2.81 -0.91	47.82 2.91 -0.74	51.19 3.12 0.00	60.29 2.65 0.00	66.75 2.50 0.00	68.21 2.11 0.00	65.26 2.02 0.00	55.50 1.98 0.00	50.65 2.50 0.00	42.99 2.32 0.00
EAST_RIVER___2 323559	40.86 2.20 0.00	38.04 1.98 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.66 1.60 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.22 2.50 -0.34	41.87 2.57 -0.41	46.25 2.81 -0.91	47.77 2.87 -0.74	51.19 3.12 0.00	60.23 2.60 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.26 2.02 0.00	55.50 1.98 0.00	50.65 2.50 0.00	43.03 2.36 0.00
EAST___DELAWARE_HYD 23607	40.16 1.51 0.00	37.43 1.37 0.00	36.22 1.26 0.00	33.29 1.06 0.00	32.18 0.97 0.00	35.17 1.16 0.00	39.09 1.03 0.00	37.93 0.93 0.00	37.03 1.01 0.00	35.00 0.95 0.00	34.93 0.88 0.00	37.50 0.98 -0.20	38.75 1.16 -0.22	40.39 1.24 -0.26	44.38 1.27 -0.57	46.04 1.41 -0.46	49.82 1.83 0.07	59.10 1.79 0.33	65.60 1.86 0.51	67.94 1.85 0.00	64.94 1.71 0.00	55.12 1.60 0.00	50.02 1.88 0.00	42.42 1.75 0.00
EIGHT_POINT___WT_PWR 323820	40.32 1.66 0.00	37.36 1.30 0.00	35.63 0.66 0.00	32.91 0.68 0.00	31.99 0.78 0.00	34.66 0.64 0.00	38.18 0.11 0.00	36.52 -0.48 0.00	35.73 -0.29 0.00	34.01 -0.03 0.00	34.25 0.21 0.00	36.57 0.26 0.00	37.78 0.41 0.00	39.24 0.35 0.00	43.09 0.55 0.00	44.65 0.49 0.00	49.02 0.96 0.00	58.61 0.98 0.00	65.46 1.22 0.00	67.68 1.58 0.00	64.50 1.26 0.00	54.38 0.85 0.00	50.12 1.97 0.00	42.63 1.95 0.00
ELBRIDGE_115KV_TB2 80188	38.58 -0.08 0.00	35.95 -0.11 0.00	34.76 -0.21 0.00	32.07 -0.16 0.00	31.09 -0.12 0.00	33.84 -0.17 0.00	37.72 -0.34 0.00	36.49 -0.52 0.00	35.59 -0.43 0.00	33.70 -0.34 0.00	33.78 -0.27 0.00	36.03 -0.29 0.00	37.07 -0.30 0.00	38.54 -0.35 0.00	42.15 -0.38 0.00	43.90 -0.27 0.00	47.82 -0.24 0.00	57.35 -0.29 0.00	64.11 -0.13 0.00	65.96 -0.13 0.00	63.11 -0.13 0.00	53.31 -0.21 0.00	48.29 0.14 0.00	40.80 0.12 0.00
ELEC_TRO_TEK 24086	41.25 2.59 0.00	38.01 1.95 0.00	36.82 1.85 0.00	33.71 1.48 0.00	32.68 1.47 0.00	35.64 1.63 0.00	39.55 1.48 0.00	38.49 1.48 0.00	37.97 1.95 0.00	35.92 1.87 0.00	36.36 2.32 0.00	39.19 2.54 -0.33	40.41 2.69 -0.34	42.10 2.80 -0.41	46.47 3.02 -0.91	47.99 3.09 -0.74	51.00 2.93 0.00	59.94 2.31 0.00	66.62 2.38 0.00	67.68 1.59 0.00	64.22 1.08 0.10	54.75 1.23 0.00	50.07 1.93 0.00	43.36 2.68 0.00
ELLENBURG_WT_PWR 323604	38.81 0.16 0.00	36.32 0.25 0.00	35.24 0.28 0.00	32.46 0.23 0.00	31.46 0.25 0.00	34.25 0.24 0.00	38.67 0.61 0.00	37.75 0.74 0.00	36.67 0.65 0.00	34.56 0.51 0.00	34.56 0.51 0.00	36.83 0.51 0.00	37.93 0.56 0.00	39.51 0.62 0.00	43.21 0.68 0.00	44.74 0.57 0.00	48.79 0.72 0.00	58.73 1.09 0.00	65.53 1.28 0.00	67.54 1.45 0.00	64.75 1.52 0.00	54.70 1.18 0.00	48.58 0.43 0.00	40.92 0.25 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.27 0.62 0.00	36.75 0.69 0.00	34.65 -0.31 0.00	32.14 -0.10 0.00	31.31 0.09 0.00	33.71 -0.31 0.00	36.66 -1.41 0.00	35.27 -1.74 0.00	35.12 -0.90 0.00	33.77 -0.27 0.00	34.25 0.20 0.00	36.50 0.18 0.00	37.75 0.37 0.00	39.20 0.31 0.00	42.75 0.21 0.00	44.65 0.49 0.00	48.40 0.34 0.00	57.98 0.35 0.00	64.50 0.26 0.00	65.76 -0.33 0.00	61.97 -1.26 0.00	52.45 -1.07 0.00	48.82 0.67 0.00	41.61 0.94 0.00
EMPIRE_CC_1 323656	39.47 0.81 0.00	36.85 0.79 0.00	35.77 0.80 0.00	33.00 0.77 0.00	31.90 0.69 0.00	34.76 0.75 0.00	38.64 0.57 0.00	37.45 0.45 0.00	36.28 0.25 0.00	34.28 0.24 0.00	34.12 0.07 0.00	35.86 0.04 0.49	36.85 0.00 0.52	38.27 0.00 0.62	41.03 -0.13 1.38	42.96 -0.09 1.12	47.92 -0.14 0.00	57.46 -0.17 0.00	63.99 -0.26 0.00	65.83 -0.26 0.00	63.05 -0.19 0.00	53.42 -0.11 0.00	48.39 0.24 0.00	41.04 0.37 0.00
EMPIRE_CC_2 323658	39.47 0.81 0.00	36.85 0.79 0.00	35.77 0.80 0.00	33.00 0.77 0.00	31.90 0.69 0.00	34.76 0.75 0.00	38.64 0.57 0.00	37.45 0.45 0.00	36.28 0.25 0.00	34.28 0.24 0.00	34.12 0.07 0.00	35.86 0.04 0.49	36.85 0.00 0.52	38.27 0.00 0.62	41.03 -0.13 1.38	42.96 -0.09 1.12	47.92 -0.14 0.00	57.46 -0.17 0.00	63.99 -0.26 0.00	65.83 -0.26 0.00	63.05 -0.19 0.00	53.42 -0.11 0.00	48.39 0.24 0.00	41.04 0.37 0.00
ENORWICH_115KV_TB1 80156	41.59 2.94 0.00	38.87 2.81 0.00	37.52 2.55 0.00	34.52 2.29 0.00	33.68 2.47 0.00	36.70 2.69 0.00	41.00 2.93 0.00	39.37 2.37 0.00	38.00 1.98 0.00	35.68 1.63 0.00	35.61 1.57 0.00	37.92 1.60 0.00	39.05 1.68 0.00	40.84 1.94 0.00	44.70 2.17 0.00	46.46 2.30 0.00	51.00 2.93 0.00	61.55 3.92 0.00	69.38 5.14 0.00	71.91 5.82 0.00	68.87 5.63 0.00	58.23 4.71 0.00	52.62 4.48 0.00	44.42 3.74 0.00
ERIE_ST__34_KV_TB1-2 80199	39.35 0.70 0.00	36.78 0.72 0.00	34.69 -0.28 0.00	32.14 -0.10 0.00	31.31 0.09 0.00	33.71 -0.31 0.00	36.73 -1.33 0.00	35.19 -1.81 0.00	35.09 -0.94 0.00	33.77 -0.27 0.00	34.29 0.24 0.00	36.57 0.25 0.00	37.86 0.49 0.00	39.40 0.51 0.00	42.96 0.43 0.00	44.92 0.75 0.00	48.83 0.77 0.00	58.50 0.86 0.00	64.95 0.71 0.00	66.22 0.13 0.00	62.29 -0.95 0.00	52.67 -0.86 0.00	48.96 0.82 0.00	41.77 1.10 0.00
ERIE_WT_PWR 323693	39.86 1.20 0.00	36.93 0.86 0.00	34.86 -0.10 0.00	32.26 0.03 0.00	31.43 0.22 0.00	33.84 -0.17 0.00	36.85 -1.22 0.00	35.38 -1.63 0.00	35.30 -0.72 0.00	33.91 -0.14 0.00	34.39 0.34 0.00	36.68 0.36 0.00	37.93 0.56 0.00	39.44 0.54 0.00	43.30 0.77 0.00	44.92 0.75 0.00	48.69 0.62 0.00	58.33 0.69 0.00	64.63 0.39 0.00	66.16 0.07 0.00	62.35 -0.89 0.00	52.77 -0.75 0.00	49.25 1.11 0.00	41.98 1.30 0.00
ESPRGFLD_115KV_TB1 80157	40.98 2.32 0.00	38.12 2.06 0.00	36.99 2.03 0.00	34.07 1.84 0.00	33.09 1.87 0.00	36.09 2.07 0.00	40.08 2.02 0.00	38.41 1.41 0.00	37.28 1.26 0.00	35.20 1.16 0.00	35.24 1.19 0.00	37.41 1.20 0.11	38.56 1.31 0.12	40.15 1.40 0.14	43.75 1.53 0.31	45.55 1.63 0.25	49.99 1.92 0.00	60.23 2.59 0.00	67.52 3.28 0.00	70.19 4.10 0.00	67.41 4.17 0.00	57.00 3.48 0.00	51.51 3.37 0.00	43.48 2.81 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	39.58 0.93 0.00	36.89 0.83 0.00	35.63 0.66 0.00	32.88 0.64 0.00	31.87 0.66 0.00	34.69 0.68 0.00	38.67 0.61 0.00	37.34 0.33 0.00	36.35 0.32 0.00	34.38 0.34 0.00	34.42 0.37 0.00	36.68 0.36 0.00	37.75 0.37 0.00	39.28 0.39 0.00	42.96 0.43 0.00	44.70 0.53 0.00	48.78 0.72 0.00	58.67 1.04 0.00	65.72 1.48 0.00	67.81 1.72 0.00	64.88 1.64 0.00	54.75 1.23 0.00	49.64 1.49 0.00	41.98 1.30 0.00
ETNA____115KV_TB2 80207	39.58 0.93 0.00	36.89 0.83 0.00	35.63 0.66 0.00	32.88 0.64 0.00	31.87 0.66 0.00	34.69 0.68 0.00	38.67 0.61 0.00	37.34 0.33 0.00	36.35 0.32 0.00	34.38 0.34 0.00	34.42 0.37 0.00	36.68 0.36 0.00	37.75 0.37 0.00	39.28 0.39 0.00	42.96 0.43 0.00	44.70 0.53 0.00	48.78 0.72 0.00	58.67 1.04 0.00	65.72 1.48 0.00	67.81 1.72 0.00	64.88 1.64 0.00	54.75 1.23 0.00	49.64 1.49 0.00	41.98 1.30 0.00
EUCLID__115KV_TB2 356179	38.35 -0.31 0.00	35.74 -0.32 0.00	34.55 -0.42 0.00	31.88 -0.35 0.00	30.87 -0.34 0.00	33.64 -0.37 0.00	37.49 -0.57 0.00	36.34 -0.67 0.00	35.45 -0.58 0.00	33.57 -0.48 0.00	33.64 -0.41 0.00	35.88 -0.44 0.00	36.89 -0.49 0.00	38.35 -0.54 0.00	41.94 -0.60 0.00	43.64 -0.53 0.00	47.49 -0.58 0.00	57.00 -0.63 0.00	63.60 -0.64 0.00	65.43 -0.66 0.00	62.54 -0.70 0.00	52.88 -0.64 0.00	47.86 -0.29 0.00	40.43 -0.24 0.00
E_CANADA_CAP_HY 24051	41.52 2.86 0.00	38.66 2.60 0.00	37.41 2.45 0.00	34.49 2.26 0.00	33.46 2.25 0.00	36.49 2.48 0.00	40.39 2.32 0.00	38.52 1.52 0.00	37.14 1.12 0.00	35.03 0.99 0.00	35.07 1.02 0.00	37.06 0.91 0.17	38.17 0.97 0.18	39.69 1.01 0.21	43.09 1.02 0.47	45.02 1.23 0.38	49.50 1.44 0.00	60.11 2.48 0.00	67.58 3.34 0.00	70.85 4.76 0.00	68.36 5.12 0.00	57.75 4.23 0.00	52.09 3.95 0.00	43.93 3.26 0.00
E_CANADA_MHWK_HY 24050	38.66 0.00 0.00	36.10 0.04 0.00	35.00 0.04 0.00	32.26 0.03 0.00	31.28 0.06 0.00	34.11 0.10 0.00	38.18 0.11 0.00	37.12 0.11 0.00	36.02 0.00 0.00	34.01 -0.03 0.00	33.98 -0.07 0.00	36.21 -0.11 0.00	37.30 -0.07 0.00	38.85 -0.04 0.00	42.49 -0.04 0.00	44.12 -0.04 0.00	47.97 -0.10 0.00	57.52 -0.12 0.00	64.18 -0.06 0.00	66.09 0.00 0.00	63.30 0.06 0.00	53.68 0.16 0.00	48.39 0.24 0.00	40.88 0.20 0.00
E_FISHKILL__LBMP 23776	40.20 1.55 0.00	37.40 1.33 0.00	36.26 1.29 0.00	33.39 1.16 0.00	32.28 1.06 0.00	35.24 1.22 0.00	39.13 1.07 0.00	38.04 1.04 0.00	37.21 1.19 0.00	35.24 1.19 0.00	35.17 1.12 0.00	37.89 1.23 -0.34	39.07 1.35 -0.35	40.72 1.40 -0.42	45.01 1.53 -0.94	46.47 1.55 -0.76	49.70 1.63 0.00	59.08 1.44 0.00	65.59 1.35 0.00	67.28 1.19 0.00	64.25 1.01 0.00	54.59 1.07 0.00	49.69 1.54 0.00	42.30 1.63 0.00
FALCON__SEABRD_CC1 323796	39.70 1.04 0.00	37.18 1.12 0.00	36.05 1.09 0.00	33.17 0.94 0.00	32.15 0.94 0.00	35.03 1.02 0.00	39.55 1.48 0.00	38.60 1.59 0.00	37.50 1.48 0.00	35.34 1.29 0.00	35.38 1.33 0.00	37.70 1.38 0.00	38.87 1.50 0.00	40.49 1.60 0.00	44.32 1.79 0.00	45.80 1.64 0.00	49.99 1.92 0.00	60.29 2.65 0.00	67.26 3.02 0.00	69.39 3.30 0.00	66.52 3.29 0.00	56.14 2.62 0.00	49.78 1.64 0.00	41.90 1.22 0.00
FALCON__SEABRD_CC2 323797	39.70 1.04 0.00	37.18 1.12 0.00	36.05 1.09 0.00	33.17 0.94 0.00	32.15 0.94 0.00	35.03 1.02 0.00	39.55 1.48 0.00	38.60 1.59 0.00	37.50 1.48 0.00	35.34 1.29 0.00	35.38 1.33 0.00	37.70 1.38 0.00	38.87 1.50 0.00	40.49 1.60 0.00	44.32 1.79 0.00	45.80 1.64 0.00	49.99 1.92 0.00	60.29 2.65 0.00	67.26 3.02 0.00	69.39 3.30 0.00	66.52 3.29 0.00	56.14 2.62 0.00	49.78 1.64 0.00	41.90 1.22 0.00

FAR ROCKAWAY___4 23548	41.98 3.32 0.00	38.62 2.56 0.00	37.38 2.41 0.00	34.17 1.93 0.00	33.15 1.94 0.00	36.15 2.14 0.00	40.12 2.06 0.00	39.00 2.00 0.00	38.54 2.52 0.00	36.43 2.38 0.00	36.98 2.93 0.00	39.84 3.20 -0.33	41.12 3.40 -0.34	42.80 3.50 -0.41	47.32 3.87 -0.91	48.88 3.97 -0.74	52.00 3.94 0.00	61.27 3.63 0.00	68.10 3.85 0.00	69.13 3.04 0.00	65.54 2.34 0.04	55.77 2.25 0.00	50.99 2.84 0.00	44.13 3.46 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.94 2.28 0.00	38.05 1.98 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.70 1.64 0.00	38.75 1.74 0.00	38.04 2.02 0.00	36.15 2.11 0.00	36.16 2.11 0.00	39.01 2.36 -0.33	40.26 2.54 -0.34	41.95 2.64 -0.41	46.34 2.89 -0.91	47.86 2.96 -0.74	51.19 3.12 0.00	60.29 2.65 0.00	66.88 2.63 0.00	68.34 2.25 0.00	65.26 2.02 0.00	55.56 2.03 0.00	50.74 2.60 0.00	43.08 2.40 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.98 2.32 0.00	38.05 1.98 0.00	36.78 1.82 0.00	33.88 1.64 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.70 1.64 0.00	38.75 1.74 0.00	38.04 2.02 0.00	36.15 2.11 0.00	36.16 2.11 0.00	39.01 2.36 -0.33	40.26 2.54 -0.34	41.95 2.64 -0.41	46.34 2.89 -0.91	47.86 2.96 -0.74	51.19 3.12 0.00	60.29 2.65 0.00	66.88 2.63 0.00	68.40 2.31 0.00	65.26 2.02 0.00	55.56 2.03 0.00	50.74 2.60 0.00	43.08 2.40 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.94 2.28 0.00	38.01 1.95 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.66 1.60 0.00	38.71 1.70 0.00	38.04 2.02 0.00	36.12 2.08 0.00	36.13 2.08 0.00	39.01 2.36 -0.33	40.22 2.50 -0.34	41.91 2.61 -0.41	46.34 2.89 -0.91	47.82 2.91 -0.74	51.14 3.08 0.00	60.23 2.59 0.00	66.81 2.57 0.00	68.27 2.18 0.00	65.20 1.96 0.00	55.50 1.98 0.00	50.70 2.55 0.00	43.04 2.36 0.00
FARRAGUT___LBMP 323566	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.18 2.47 -0.34	41.87 2.57 -0.41	46.25 2.81 -0.91	47.77 2.87 -0.74	51.09 3.03 0.00	60.17 2.54 0.00	66.75 2.51 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
FENNER___WINDPWR 24204	40.05 1.39 0.00	37.36 1.30 0.00	36.15 1.19 0.00	33.26 1.03 0.00	32.34 1.12 0.00	35.27 1.26 0.00	39.47 1.41 0.00	38.27 1.26 0.00	37.07 1.05 0.00	34.90 0.85 0.00	34.86 0.82 0.00	37.15 0.84 0.00	38.27 0.90 0.00	39.98 1.09 0.00	43.77 1.23 0.00	45.36 1.19 0.00	49.50 1.44 0.00	59.53 1.90 0.00	66.75 2.50 0.00	68.93 2.84 0.00	66.02 2.78 0.00	55.93 2.41 0.00	50.31 2.17 0.00	42.42 1.75 0.00
FIBERTEK___ENERGY 23856	38.73 0.08 0.00	36.10 0.04 0.00	34.90 -0.07 0.00	32.17 -0.06 0.00	31.18 -0.03 0.00	33.98 -0.03 0.00	37.91 -0.15 0.00	36.67 -0.33 0.00	35.77 -0.25 0.00	33.84 -0.20 0.00	33.91 -0.14 0.00	36.21 -0.11 0.00	37.22 -0.15 0.00	38.70 -0.19 0.00	42.37 -0.17 0.00	44.08 -0.09 0.00	48.02 -0.05 0.00	57.58 -0.06 0.00	64.37 0.13 0.00	66.22 0.13 0.00	63.36 0.13 0.00	53.52 0.00 0.00	48.48 0.34 0.00	40.96 0.28 0.00
FITZPATRICK___ 23598	37.77 -0.89 0.00	35.20 -0.87 0.00	34.06 -0.91 0.00	31.39 -0.84 0.00	30.43 -0.78 0.00	33.13 -0.88 0.00	36.96 -1.11 0.00	35.86 -1.15 0.00	34.98 -1.05 0.00	33.09 -0.95 0.00	33.13 -0.92 0.00	35.34 -0.98 0.00	36.37 -1.01 0.00	37.84 -1.05 0.00	41.39 -1.15 0.00	43.02 -1.15 0.00	46.77 -1.30 0.00	56.14 -1.50 0.00	62.64 -1.60 0.00	64.37 -1.72 0.00	61.59 -1.64 0.00	52.13 -1.39 0.00	47.13 -1.01 0.00	39.82 -0.86 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.70 2.05 0.00	37.83 1.77 0.00	36.64 1.68 0.00	33.71 1.48 0.00	32.56 1.34 0.00	35.61 1.60 0.00	39.51 1.45 0.00	38.38 1.37 0.00	37.46 1.44 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.96 1.38 -0.26	39.18 1.53 -0.28	40.90 1.67 -0.33	45.06 1.79 -0.74	46.66 1.90 -0.60	50.27 2.21 0.00	59.94 2.31 0.00	66.62 2.38 0.00	68.47 2.38 0.00	65.33 2.09 0.00	55.50 1.98 0.00	50.46 2.31 0.00	42.83 2.16 0.00
FORT ORANGE___ 23900	39.39 0.73 0.00	36.78 0.72 0.00	35.87 0.91 0.00	33.13 0.90 0.00	32.02 0.81 0.00	34.89 0.88 0.00	38.79 0.72 0.00	37.56 0.56 0.00	36.24 0.22 0.00	34.18 0.14 0.00	34.08 0.03 0.00	36.12 0.04 0.24	36.94 -0.19 0.25	38.44 -0.15 0.30	41.62 -0.25 0.67	43.45 -0.18 0.54	47.69 -0.24 0.13	56.74 -0.23 0.66	62.96 -0.26 1.03	65.96 -0.13 0.00	63.17 -0.06 0.00	53.47 -0.05 0.00	48.33 0.19 0.00	41.00 0.32 0.00
FORT_DRUM_COGEN 23780	40.51 1.86 0.00	37.86 1.80 0.00	36.57 1.61 0.00	33.62 1.39 0.00	32.84 1.62 0.00	35.81 1.80 0.00	40.16 2.09 0.00	38.78 1.78 0.00	37.28 1.26 0.00	34.93 0.89 0.00	34.83 0.78 0.00	37.08 0.76 0.00	38.19 0.82 0.00	39.86 0.97 0.00	43.56 1.02 0.00	45.14 0.97 0.00	49.31 1.25 0.00	59.54 1.90 0.00	67.20 2.96 0.00	69.99 3.90 0.00	67.29 4.05 0.00	57.16 3.64 0.00	51.23 3.08 0.00	43.16 2.48 0.00
FOX_HILLS___ESR 323835	41.17 2.51 0.00	38.12 2.06 0.00	36.68 1.71 0.00	33.78 1.55 0.00	32.53 1.31 0.00	35.41 1.39 0.00	39.21 1.14 0.00	38.30 1.30 0.00	37.64 1.62 0.00	35.92 1.87 0.00	35.92 1.87 0.00	38.82 2.18 -0.33	40.15 2.43 -0.34	41.91 2.61 -0.41	46.42 2.98 -0.91	47.95 3.05 -0.74	51.28 3.22 0.00	59.88 2.25 0.00	66.30 2.06 0.00	67.88 1.78 0.00	64.76 1.52 0.00	55.29 1.77 0.00	50.79 2.65 0.00	43.28 2.60 0.00
FPL_FAR_ROCK_GT1 24212	41.86 3.21 0.00	38.66 2.60 0.00	37.38 2.41 0.00	34.17 1.93 0.00	33.15 1.94 0.00	36.16 2.14 0.00	40.12 2.05 0.00	39.00 2.00 0.00	38.54 2.52 0.00	36.43 2.38 0.00	36.98 2.93 0.00	39.86 3.20 -0.34	41.17 3.44 -0.36	42.82 3.50 -0.43	47.24 3.78 -0.92	48.89 3.98 -0.74	51.76 3.70 0.00	61.15 3.52 0.00	67.78 3.53 0.00	68.81 2.71 0.00	65.54 2.34 0.04	55.72 2.20 0.00	50.56 2.41 0.00	44.05 3.37 0.00
FPL_FAR_ROCK_GT2 23815	41.86 3.21 0.00	38.66 2.60 0.00	37.38 2.41 0.00	34.17 1.93 0.00	33.15 1.94 0.00	36.16 2.14 0.00	40.12 2.05 0.00	39.00 2.00 0.00	38.54 2.52 0.00	36.43 2.38 0.00	36.98 2.93 0.00	39.86 3.20 -0.34	41.17 3.44 -0.36	42.82 3.50 -0.43	47.24 3.78 -0.92	48.89 3.98 -0.74	51.76 3.70 0.00	61.15 3.52 0.00	67.78 3.53 0.00	68.81 2.71 0.00	65.54 2.34 0.04	55.72 2.20 0.00	50.56 2.41 0.00	44.05 3.37 0.00
FRANKLIN_FALL_HYD 24054	39.24 0.58 0.00	36.71 0.65 0.00	35.59 0.63 0.00	32.78 0.55 0.00	31.78 0.56 0.00	34.62 0.61 0.00	39.17 1.10 0.00	38.23 1.22 0.00	37.07 1.04 0.00	34.89 0.85 0.00	34.90 0.85 0.00	37.19 0.87 0.00	38.34 0.97 0.00	39.98 1.09 0.00	43.77 1.23 0.00	45.18 1.02 0.00	49.22 1.15 0.00	59.42 1.79 0.00	66.36 2.12 0.00	68.54 2.45 0.00	65.70 2.47 0.00	55.56 2.03 0.00	49.25 1.11 0.00	41.41 0.73 0.00

FREEPORT_EQUS_GT1 23764	41.44 2.78 0.00	38.30 2.24 0.00	37.06 2.10 0.00	33.87 1.64 0.00	32.87 1.65 0.00	35.85 1.84 0.00	39.78 1.71 0.00	38.67 1.67 0.00	38.22 2.20 0.00	36.12 2.08 0.00	36.64 2.59 0.00	39.56 2.91 -0.34	40.79 3.07 -0.35	42.46 3.15 -0.42	46.86 3.40 -0.92	48.40 3.49 -0.74	51.14 3.08 0.00	60.34 2.71 0.00	66.88 2.64 0.00	67.88 1.79 0.00	64.44 1.46 0.25	54.96 1.45 0.00	49.93 1.78 0.00	43.61 2.93 0.00
FREEPORT___CT2 23818	41.44 2.78 0.00	38.30 2.24 0.00	37.06 2.10 0.00	33.87 1.64 0.00	32.87 1.65 0.00	35.85 1.84 0.00	39.78 1.71 0.00	38.67 1.67 0.00	38.22 2.20 0.00	36.12 2.08 0.00	36.64 2.59 0.00	39.56 2.91 -0.34	40.79 3.07 -0.35	42.46 3.15 -0.42	46.86 3.40 -0.92	48.40 3.49 -0.74	51.14 3.08 0.00	60.34 2.71 0.00	66.88 2.64 0.00	67.88 1.79 0.00	64.44 1.46 0.25	54.96 1.45 0.00	49.93 1.78 0.00	43.61 2.93 0.00
FRESHKLS_33_KV_LOAD 356253	41.32 2.67 0.00	38.23 2.16 0.00	36.75 1.78 0.00	33.88 1.64 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.28 1.22 0.00	38.34 1.33 0.00	37.68 1.66 0.00	35.95 1.91 0.00	35.96 1.91 0.00	38.86 2.22 -0.33	40.22 2.50 -0.34	41.99 2.68 -0.41	46.55 3.11 -0.91	48.08 3.18 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.43 2.18 0.00	68.01 1.92 0.00	64.88 1.64 0.00	55.45 1.93 0.00	50.99 2.84 0.00	43.40 2.73 0.00
FULTON COGEN____ 23766	38.27 -0.39 0.00	35.67 -0.40 0.00	34.48 -0.49 0.00	31.81 -0.42 0.00	30.81 -0.41 0.00	33.57 -0.44 0.00	37.46 -0.61 0.00	36.30 -0.70 0.00	35.37 -0.65 0.00	33.47 -0.58 0.00	33.54 -0.51 0.00	35.77 -0.54 0.00	36.77 -0.60 0.00	38.27 -0.62 0.00	41.86 -0.68 0.00	43.55 -0.62 0.00	47.39 -0.67 0.00	56.83 -0.81 0.00	63.47 -0.77 0.00	65.30 -0.79 0.00	62.48 -0.76 0.00	52.77 -0.75 0.00	47.76 -0.39 0.00	40.39 -0.28 0.00
FULTON___LFGE 323630	41.36 2.71 0.00	38.52 2.45 0.00	37.27 2.31 0.00	34.36 2.13 0.00	33.37 2.15 0.00	36.39 2.38 0.00	40.31 2.25 0.00	38.56 1.55 0.00	37.17 1.15 0.00	35.00 0.95 0.00	35.00 0.95 0.00	37.00 0.87 0.19	38.07 0.90 0.20	39.58 0.93 0.24	42.98 0.98 0.53	44.97 1.23 0.43	49.50 1.44 0.00	60.05 2.42 0.00	67.45 3.21 0.00	70.59 4.50 0.00	68.11 4.87 0.00	57.54 4.02 0.00	51.90 3.76 0.00	43.77 3.09 0.00
G.F.CEMENT___DRP 24184	40.36 1.70 0.00	37.54 1.48 0.00	36.36 1.40 0.00	33.49 1.26 0.00	32.46 1.25 0.00	35.41 1.39 0.00	39.40 1.33 0.00	38.08 1.07 0.00	36.74 0.72 0.00	34.55 0.51 0.00	34.18 0.14 0.00	36.17 0.15 0.29	37.18 0.11 0.31	38.72 0.19 0.37	41.98 0.26 0.81	43.91 0.40 0.66	48.50 0.43 0.00	58.61 0.98 0.00	66.04 1.80 0.00	68.60 2.51 0.00	66.15 2.91 0.00	55.82 2.30 0.00	50.36 2.21 0.00	42.59 1.91 0.00
GARDENVILLE___LBMP 24039	39.35 0.70 0.00	36.82 0.76 0.00	34.72 -0.24 0.00	32.20 -0.03 0.00	31.37 0.16 0.00	33.77 -0.24 0.00	36.77 -1.29 0.00	35.30 -1.70 0.00	35.16 -0.86 0.00	33.81 -0.24 0.00	34.32 0.27 0.00	36.57 0.25 0.00	37.82 0.45 0.00	39.32 0.43 0.00	42.88 0.34 0.00	44.78 0.62 0.00	48.54 0.48 0.00	58.15 0.52 0.00	64.63 0.39 0.00	65.96 -0.13 0.00	62.16 -1.08 0.00	52.61 -0.91 0.00	48.96 0.82 0.00	41.69 1.02 0.00
GARDNVLA_35_KV_LD 355827	39.51 0.85 0.00	36.96 0.90 0.00	34.83 -0.14 0.00	32.33 0.10 0.00	31.46 0.25 0.00	33.88 -0.14 0.00	36.92 -1.14 0.00	35.45 -1.55 0.00	35.34 -0.68 0.00	33.98 -0.07 0.00	34.49 0.44 0.00	36.75 0.44 0.00	38.05 0.67 0.00	39.55 0.66 0.00	43.13 0.60 0.00	45.05 0.88 0.00	48.83 0.77 0.00	58.50 0.86 0.00	65.08 0.84 0.00	66.36 0.26 0.00	62.54 -0.70 0.00	52.88 -0.64 0.00	49.20 1.06 0.00	41.94 1.26 0.00
GELCKHM___115KV_LOAD 80723	38.46 -0.19 0.00	35.88 -0.18 0.00	34.65 -0.31 0.00	31.97 -0.26 0.00	31.00 -0.22 0.00	33.74 -0.27 0.00	37.65 -0.42 0.00	36.45 -0.56 0.00	35.55 -0.47 0.00	33.67 -0.37 0.00	33.74 -0.31 0.00	35.99 -0.33 0.00	37.04 -0.34 0.00	38.50 -0.39 0.00	42.11 -0.43 0.00	43.81 -0.35 0.00	47.68 -0.38 0.00	57.23 -0.40 0.00	63.92 -0.32 0.00	65.76 -0.33 0.00	62.86 -0.38 0.00	53.09 -0.43 0.00	48.10 -0.05 0.00	40.64 -0.04 0.00
GENERAL___MILLS 23808	39.43 0.77 0.00	36.89 0.83 0.00	34.79 -0.17 0.00	32.26 0.03 0.00	31.43 0.22 0.00	33.81 -0.20 0.00	36.81 -1.26 0.00	35.38 -1.63 0.00	35.23 -0.79 0.00	33.87 -0.17 0.00	34.39 0.34 0.00	36.65 0.33 0.00	37.93 0.56 0.00	39.44 0.54 0.00	42.96 0.43 0.00	44.92 0.75 0.00	48.69 0.62 0.00	58.27 0.63 0.00	64.82 0.58 0.00	66.09 0.00 0.00	62.29 -0.95 0.00	52.72 -0.80 0.00	49.06 0.91 0.00	41.82 1.14 0.00
GE_PLASTICS___DRP 24183	39.35 0.70 0.00	36.78 0.72 0.00	35.73 0.77 0.00	32.97 0.74 0.00	31.87 0.66 0.00	34.76 0.75 0.00	38.64 0.57 0.00	37.45 0.44 0.00	36.24 0.22 0.00	34.21 0.17 0.00	34.18 0.14 0.00	36.24 0.11 0.19	36.92 -0.26 0.20	38.31 -0.35 0.23	41.63 -0.38 0.52	43.35 -0.40 0.42	45.20 -0.53 2.34	45.20 -0.69 11.75	45.20 -0.84 18.21	65.17 -0.86 0.06	62.42 -0.76 0.06	52.87 -0.59 0.06	47.84 -0.24 0.06	40.68 0.00 0.00
GILBOA___1 23756	39.43 0.77 0.00	36.78 0.72 0.00	36.05 1.09 0.00	33.23 1.00 0.00	32.15 0.94 0.00	35.03 1.02 0.00	38.83 0.76 0.00	37.41 0.41 0.00	36.46 0.43 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.77 0.40 -0.05	37.84 0.41 -0.06	39.39 0.43 -0.07	43.11 0.43 -0.15	44.77 0.49 -0.12	48.59 0.53 0.00	58.09 0.46 0.00	64.63 0.39 0.00	66.42 0.33 0.00	63.56 0.32 0.00	53.85 0.32 0.00	48.82 0.67 0.00	41.41 0.73 0.00
GILBOA___2 23757	39.43 0.77 0.00	36.78 0.72 0.00	36.05 1.09 0.00	33.23 1.00 0.00	32.15 0.94 0.00	35.03 1.02 0.00	38.83 0.76 0.00	37.41 0.41 0.00	36.46 0.43 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.77 0.40 -0.05	37.84 0.41 -0.06	39.39 0.43 -0.07	43.11 0.43 -0.15	44.77 0.49 -0.12	48.59 0.53 0.00	58.09 0.46 0.00	64.63 0.39 0.00	66.42 0.33 0.00	63.56 0.32 0.00	53.85 0.32 0.00	48.82 0.67 0.00	41.41 0.73 0.00
GILBOA___3 23758	39.43 0.77 0.00	36.78 0.72 0.00	36.05 1.09 0.00	33.23 1.00 0.00	32.15 0.94 0.00	35.03 1.02 0.00	38.83 0.76 0.00	37.41 0.41 0.00	36.46 0.43 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.77 0.40 -0.05	37.84 0.41 -0.06	39.39 0.43 -0.07	43.11 0.43 -0.15	44.77 0.49 -0.12	48.59 0.53 0.00	58.09 0.46 0.00	64.63 0.39 0.00	66.42 0.33 0.00	63.56 0.32 0.00	53.85 0.32 0.00	48.82 0.67 0.00	41.41 0.73 0.00
GILBOA___4 23759	39.43 0.77 0.00	36.78 0.72 0.00	36.05 1.09 0.00	33.23 1.00 0.00	32.15 0.94 0.00	35.03 1.02 0.00	38.83 0.76 0.00	37.41 0.41 0.00	36.46 0.43 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.77 0.40 -0.05	37.84 0.41 -0.06	39.39 0.43 -0.07	43.11 0.43 -0.15	44.77 0.49 -0.12	48.59 0.53 0.00	58.09 0.46 0.00	64.63 0.39 0.00	66.42 0.33 0.00	63.56 0.32 0.00	53.85 0.32 0.00	48.82 0.67 0.00	41.41 0.73 0.00

GILBOA____ 23599	39.47 0.81 0.00	36.78 0.72 0.00	36.05 1.08 0.00	33.23 1.00 0.00	32.15 0.94 0.00	35.03 1.02 0.00	38.83 0.76 0.00	37.41 0.41 0.00	36.45 0.43 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.77 0.40 -0.05	37.84 0.41 -0.06	39.39 0.43 -0.07	43.15 0.47 -0.15	44.77 0.49 -0.12	48.59 0.53 0.00	58.10 0.46 0.00	64.50 0.26 0.00	66.36 0.26 0.00	63.55 0.32 0.00	53.90 0.37 0.00	48.82 0.67 0.00	41.41 0.73 0.00
GINNA____ 23603	37.38 -1.27 0.00	34.76 -1.30 0.00	33.29 -1.68 0.00	30.75 -1.48 0.00	29.87 -1.34 0.00	32.38 -1.63 0.00	35.93 -2.13 0.00	34.93 -2.07 0.00	34.40 -1.62 0.00	32.62 -1.43 0.00	32.79 -1.26 0.00	35.08 -1.23 0.00	36.18 -1.20 0.00	37.57 -1.32 0.00	41.34 -1.19 0.00	42.80 -1.37 0.00	46.57 -1.49 0.00	56.08 -1.55 0.00	62.64 -1.60 0.00	64.31 -1.78 0.00	61.34 -1.90 0.00	51.81 -1.71 0.00	47.28 -0.87 0.00	39.82 -0.86 0.00
GLEN PARK____ 23778	40.78 2.12 0.00	38.08 2.02 0.00	36.75 1.78 0.00	33.78 1.55 0.00	33.02 1.81 0.00	35.98 1.97 0.00	40.39 2.32 0.00	38.93 1.92 0.00	37.43 1.40 0.00	35.03 0.99 0.00	34.93 0.88 0.00	37.19 0.87 0.00	38.27 0.90 0.00	39.98 1.09 0.00	43.64 1.10 0.00	45.22 1.06 0.00	49.41 1.34 0.00	59.71 2.07 0.00	67.45 3.21 0.00	70.45 4.36 0.00	67.73 4.49 0.00	57.54 4.02 0.00	51.66 3.51 0.00	43.44 2.77 0.00
GLENDALE_27_KV_LOAD 356172	41.28 2.63 0.00	38.30 2.24 0.00	36.89 1.92 0.00	34.00 1.77 0.00	32.74 1.53 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.75 1.74 0.00	38.11 2.09 0.00	36.32 2.28 0.00	36.30 2.25 0.00	39.19 2.54 -0.33	40.48 2.77 -0.34	42.22 2.92 -0.41	46.72 3.28 -0.91	48.21 3.31 -0.74	51.52 3.46 0.00	60.23 2.59 0.00	66.68 2.44 0.00	68.27 2.18 0.00	65.14 1.90 0.00	55.61 2.09 0.00	50.99 2.84 0.00	43.44 2.77 0.00
GLENWOOD_IC_1_G5 23712	41.25 2.59 0.00	38.12 2.06 0.00	36.89 1.92 0.00	33.84 1.61 0.00	32.77 1.56 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.67 1.67 0.00	38.07 2.05 0.00	36.05 2.01 0.00	36.40 2.35 0.00	39.26 2.61 -0.33	40.48 2.77 -0.34	42.18 2.88 -0.41	46.64 3.19 -0.91	48.13 3.22 -0.74	51.33 3.27 0.00	60.05 2.42 0.00	66.68 2.44 0.00	67.94 1.85 0.00	64.50 1.39 0.13	55.34 1.82 0.00	50.46 2.31 0.00	43.36 2.68 0.00
GLENWOOD_IC_2_G1 23688	40.94 2.28 0.00	38.01 1.95 0.00	36.75 1.78 0.00	33.75 1.52 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.59 1.52 0.00	38.56 1.55 0.00	37.89 1.87 0.00	35.92 1.87 0.00	36.16 2.11 0.00	39.01 2.36 -0.34	40.23 2.50 -0.35	41.88 2.57 -0.42	46.22 2.76 -0.92	47.78 2.87 -0.74	50.90 2.84 0.00	60.05 2.42 0.00	66.55 2.31 0.00	67.88 1.79 0.00	64.88 1.64 0.00	55.18 1.66 0.00	50.12 1.97 0.00	43.03 2.36 0.00
GLENWOOD_IC_3_G1 23689	40.94 2.28 0.00	38.01 1.95 0.00	36.75 1.78 0.00	33.75 1.52 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.59 1.52 0.00	38.56 1.55 0.00	37.89 1.87 0.00	35.92 1.87 0.00	36.16 2.11 0.00	39.01 2.36 -0.34	40.23 2.50 -0.35	41.88 2.57 -0.42	46.22 2.76 -0.92	47.78 2.87 -0.74	50.90 2.84 0.00	60.05 2.42 0.00	66.55 2.31 0.00	67.88 1.79 0.00	64.88 1.64 0.00	55.18 1.66 0.00	50.12 1.97 0.00	43.03 2.36 0.00
GLENWOOD____4 23550	41.25 2.59 0.00	38.12 2.06 0.00	36.89 1.92 0.00	33.84 1.61 0.00	32.77 1.56 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.67 1.67 0.00	38.07 2.05 0.00	36.05 2.01 0.00	36.40 2.35 0.00	39.26 2.61 -0.33	40.48 2.77 -0.34	42.18 2.88 -0.41	46.64 3.19 -0.91	48.13 3.22 -0.74	51.33 3.27 0.00	60.23 2.59 0.00	66.88 2.63 0.00	68.14 2.05 0.00	64.69 1.58 0.13	55.34 1.82 0.00	50.46 2.31 0.00	43.36 2.68 0.00
GLENWOOD____5 23614	41.25 2.59 0.00	38.12 2.06 0.00	36.89 1.92 0.00	33.84 1.61 0.00	32.77 1.56 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.67 1.67 0.00	38.07 2.05 0.00	36.05 2.01 0.00	36.40 2.35 0.00	39.26 2.61 -0.33	40.48 2.77 -0.34	42.18 2.88 -0.41	46.64 3.19 -0.91	48.13 3.22 -0.74	51.33 3.27 0.00	60.23 2.59 0.00	66.88 2.63 0.00	68.14 2.05 0.00	64.69 1.58 0.13	55.34 1.82 0.00	50.46 2.31 0.00	43.36 2.68 0.00
GLOBAL GREEN_PORT_GT1 23814	42.33 3.67 0.00	38.48 2.42 0.00	37.52 2.55 0.00	34.26 2.03 0.00	33.46 2.25 0.00	36.29 2.28 0.00	40.12 2.05 0.00	38.82 1.81 0.00	38.76 2.74 0.00	36.60 2.55 0.00	37.59 3.54 0.00	40.90 4.25 -0.33	42.36 4.63 -0.35	44.05 4.74 -0.42	48.90 5.45 -0.92	50.57 5.65 -0.74	53.45 5.38 0.00	62.68 5.53 0.49	69.33 5.65 0.57	70.34 4.29 0.05	65.97 3.16 0.43	56.26 2.94 0.20	50.89 2.74 0.00	44.87 4.19 0.00
GLOBE____DSASP 323697	38.11 -0.54 0.00	35.70 -0.36 0.00	33.60 -1.36 0.00	31.23 -1.00 0.00	30.40 -0.81 0.00	32.69 -1.33 0.00	35.55 -2.51 0.00	34.27 -2.74 0.00	34.15 -1.87 0.00	32.78 -1.26 0.00	33.20 -0.85 0.00	35.37 -0.94 0.00	36.59 -0.78 0.00	37.92 -0.97 0.00	41.34 -1.19 0.00	43.11 -1.06 0.00	46.77 -1.30 0.00	56.02 -1.61 0.00	62.32 -1.93 0.00	63.51 -2.58 0.00	59.89 -3.35 0.00	50.69 -2.84 0.00	47.37 -0.77 0.00	40.35 -0.33 0.00
GOETHSLN____LBMP 323567	40.70 2.05 0.00	37.83 1.77 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.49 1.28 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.56 1.55 0.00	37.86 1.84 0.00	35.98 1.94 0.00	35.99 1.94 0.00	38.86 2.22 -0.33	40.07 2.35 -0.34	41.71 2.41 -0.41	46.13 2.68 -0.91	47.60 2.69 -0.74	50.85 2.79 0.00	59.82 2.19 0.01	66.28 2.06 0.02	67.79 1.72 0.02	64.74 1.52 0.02	55.12 1.61 0.01	50.41 2.26 0.00	42.79 2.12 0.00
GOLAH____69_KV_TB 1_2 80279	39.31 0.66 0.00	36.71 0.65 0.00	34.97 0.00 0.00	32.36 0.13 0.00	31.43 0.22 0.00	34.01 0.00 0.00	37.57 -0.49 0.00	36.34 -0.67 0.00	35.88 -0.14 0.00	34.11 0.07 0.00	34.39 0.34 0.00	36.75 0.44 0.00	37.93 0.56 0.00	39.40 0.51 0.00	43.09 0.55 0.00	44.92 0.75 0.00	48.83 0.77 0.00	58.67 1.04 0.00	65.72 1.48 0.00	67.41 1.32 0.00	64.19 0.95 0.00	54.22 0.70 0.00	49.69 1.54 0.00	42.06 1.38 0.00
GOODYEAR_LAKE_HYD 323669	40.28 1.62 0.00	37.50 1.44 0.00	36.43 1.47 0.00	33.55 1.32 0.00	32.56 1.34 0.00	35.54 1.53 0.00	39.51 1.45 0.00	38.08 1.07 0.00	37.07 1.04 0.00	35.03 0.99 0.00	35.07 1.02 0.00	37.37 1.05 0.00	38.53 1.16 0.00	40.14 1.24 0.00	43.90 1.36 0.00	45.58 1.41 0.00	49.75 1.68 0.00	59.59 1.96 0.00	66.56 2.31 0.00	68.67 2.58 0.00	65.77 2.53 0.00	55.66 2.14 0.00	50.36 2.21 0.00	42.63 1.95 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.35 0.70 0.00	36.67 0.61 0.00	35.39 0.42 0.00	32.65 0.42 0.00	31.65 0.44 0.00	34.39 0.37 0.00	38.18 0.11 0.00	36.86 -0.15 0.00	36.02 0.00 0.00	34.25 0.20 0.00	34.35 0.31 0.00	36.65 0.33 0.00	37.75 0.37 0.00	39.24 0.35 0.00	42.92 0.38 0.00	44.65 0.49 0.00	48.69 0.62 0.00	58.33 0.69 0.00	65.01 0.77 0.00	66.82 0.73 0.00	63.81 0.57 0.00	53.95 0.43 0.00	49.11 0.96 0.00	41.61 0.94 0.00

GOUDEY___7 23579	39.35 0.70 0.00	36.67 0.61 0.00	35.39 0.42 0.00	32.65 0.42 0.00	31.65 0.44 0.00	34.39 0.37 0.00	38.18 0.11 0.00	36.86 -0.15 0.00	36.02 0.00 0.00	34.25 0.20 0.00	34.35 0.31 0.00	36.65 0.33 0.00	37.75 0.37 0.00	39.24 0.35 0.00	42.92 0.38 0.00	44.65 0.49 0.00	48.69 0.62 0.00	58.33 0.69 0.00	65.01 0.77 0.00	66.82 0.73 0.00	63.81 0.57 0.00	53.95 0.43 0.00	49.11 0.96 0.00	41.61 0.94 0.00
GOUDEY___8 23580	39.35 0.70 0.00	36.67 0.61 0.00	35.39 0.42 0.00	32.65 0.42 0.00	31.65 0.44 0.00	34.39 0.37 0.00	38.18 0.11 0.00	36.86 -0.15 0.00	36.02 0.00 0.00	34.25 0.20 0.00	34.35 0.31 0.00	36.65 0.33 0.00	37.75 0.37 0.00	39.24 0.35 0.00	42.92 0.38 0.00	44.65 0.49 0.00	48.69 0.62 0.00	58.33 0.69 0.00	65.01 0.77 0.00	66.82 0.73 0.00	63.81 0.57 0.00	53.95 0.43 0.00	49.11 0.96 0.00	41.61 0.94 0.00
GOWANUS_GT1_1 24077	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT1_2 24078	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT1_3 24079	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT1_4 24080	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT1_5 24084	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT1_6 24111	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT1_7 24112	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT1_8 24113	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT2_1 24114	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT2_2 24115	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT2_3 24116	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT2_4 24117	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT2_5 24118	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01

GOWANUS_GT2_6 24119	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT2_7 24120	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT2_8 24121	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT3_1 24122	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT3_2 24123	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT3_3 24124	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT3_4 24125	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT3_5 24126	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT3_6 24127	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT3_7 24128	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT3_8 24129	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
GOWANUS_GT4_1 24130	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT4_2 24131	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT4_3 24132	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT4_4 24133	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00

GOWANUS_GT4_5 24134	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT4_6 24135	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT4_7 24136	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GOWANUS_GT4_8 24137	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GREATVR_69_KV_BK1 356245	42.21 3.56 0.00	38.59 2.52 0.00	37.45 2.48 0.00	34.20 1.97 0.00	33.27 2.06 0.00	36.15 2.14 0.00	40.12 2.06 0.00	38.89 1.89 0.00	38.54 2.52 0.00	36.32 2.28 0.00	37.04 3.00 0.00	40.13 3.49 -0.33	41.42 3.70 -0.34	43.11 3.81 -0.41	47.79 4.34 -0.91	49.27 4.37 -0.74	52.34 4.28 0.00	61.02 3.69 0.31	67.80 3.92 0.36	69.02 2.97 0.04	64.77 1.96 0.43	55.34 2.03 0.22	50.84 2.70 0.00	44.38 3.70 0.00
GREENBSH_115KV_TB3 55895	39.27 0.62 0.00	36.82 0.76 0.00	35.73 0.77 0.00	32.97 0.74 0.00	31.87 0.66 0.00	34.73 0.71 0.00	38.64 0.57 0.00	37.45 0.44 0.00	36.13 0.11 0.00	34.11 0.07 0.00	34.05 0.00 0.00	36.03 -0.04 0.25	36.92 -0.19 0.27	38.34 -0.23 0.32	41.53 -0.30 0.71	43.33 -0.27 0.57	47.63 -0.43 0.00	57.17 -0.46 0.00	63.60 -0.64 0.00	65.50 -0.59 0.00	62.73 -0.51 0.00	53.15 -0.37 0.00	48.10 -0.05 0.00	40.80 0.12 0.00
GREENDGE_115KV_TB5 80291	39.62 0.97 0.00	36.93 0.87 0.00	35.39 0.42 0.00	32.72 0.48 0.00	31.74 0.53 0.00	34.49 0.48 0.00	38.29 0.23 0.00	36.90 -0.11 0.00	36.13 0.11 0.00	34.28 0.24 0.00	34.46 0.41 0.00	36.79 0.47 0.00	37.90 0.52 0.00	39.44 0.54 0.00	43.13 0.60 0.00	44.78 0.62 0.00	48.98 0.91 0.00	58.50 0.86 0.00	65.53 1.28 0.00	67.41 1.32 0.00	64.38 1.14 0.00	54.27 0.75 0.00	49.83 1.69 0.00	42.14 1.46 0.00
GREENIDGE___3 23582	39.62 0.97 0.00	36.93 0.87 0.00	35.39 0.42 0.00	32.72 0.48 0.00	31.74 0.53 0.00	34.49 0.48 0.00	38.29 0.23 0.00	36.90 -0.11 0.00	36.13 0.11 0.00	34.28 0.24 0.00	34.46 0.41 0.00	36.79 0.47 0.00	37.90 0.52 0.00	39.44 0.54 0.00	43.13 0.60 0.00	44.78 0.62 0.00	48.98 0.91 0.00	58.50 0.86 0.00	65.53 1.28 0.00	67.41 1.32 0.00	64.38 1.14 0.00	54.27 0.75 0.00	49.83 1.69 0.00	42.14 1.46 0.00
GREENIDGE___4 23583	39.78 1.12 0.00	36.93 0.86 0.00	35.42 0.45 0.00	32.72 0.48 0.00	31.74 0.53 0.00	34.49 0.48 0.00	38.30 0.23 0.00	36.90 -0.11 0.00	36.13 0.11 0.00	34.28 0.24 0.00	34.46 0.41 0.00	36.79 0.47 0.00	37.90 0.52 0.00	39.44 0.54 0.00	43.26 0.72 0.00	44.78 0.62 0.00	48.93 0.87 0.00	58.50 0.87 0.00	65.40 1.16 0.00	67.48 1.39 0.00	64.38 1.14 0.00	54.27 0.75 0.00	49.93 1.78 0.00	42.18 1.51 0.00
GREENLWN_69_KV_BK 3 55738	41.13 2.47 0.00	37.76 1.69 0.00	36.61 1.64 0.00	33.46 1.22 0.00	32.46 1.25 0.00	35.37 1.36 0.00	39.28 1.22 0.00	38.19 1.18 0.00	37.75 1.73 0.00	35.68 1.63 0.00	36.23 2.18 0.00	39.15 2.51 -0.33	40.37 2.65 -0.34	42.06 2.76 -0.41	46.51 3.06 -0.91	47.73 2.83 -0.74	50.32 2.26 0.00	57.34 1.33 1.62	63.65 1.28 1.88	66.35 0.40 0.14	62.49 -0.19 0.56	53.09 0.11 0.54	49.25 1.11 0.00	43.20 2.52 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00
GRISSOM___SOLAR 323813	41.17 2.51 0.00	38.33 2.27 0.00	37.13 2.17 0.00	34.23 2.00 0.00	33.21 2.00 0.00	36.22 2.21 0.00	40.16 2.09 0.00	38.52 1.52 0.00	37.14 1.12 0.00	35.00 0.95 0.00	34.97 0.92 0.00	36.96 0.84 0.19	38.06 0.90 0.20	39.58 0.93 0.24	42.97 0.98 0.54	44.92 1.19 0.44	49.46 1.39 0.00	59.88 2.25 0.00	67.26 3.02 0.00	70.19 4.10 0.00	67.66 4.43 0.00	57.16 3.64 0.00	51.56 3.42 0.00	43.52 2.85 0.00
GROVEVILLE___HYD 323602	40.70 2.05 0.00	37.83 1.77 0.00	36.64 1.68 0.00	33.71 1.48 0.00	32.56 1.34 0.00	35.61 1.60 0.00	39.51 1.45 0.00	38.38 1.37 0.00	37.46 1.44 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.96 1.38 -0.26	39.18 1.53 -0.28	40.90 1.67 -0.33	45.06 1.79 -0.74	46.66 1.90 -0.60	50.27 2.21 0.00	59.94 2.31 0.00	66.62 2.38 0.00	68.47 2.38 0.00	65.33 2.09 0.00	55.50 1.98 0.00	50.46 2.31 0.00	42.83 2.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	38.73 0.08 0.00	36.10 0.04 0.00	34.90 -0.07 0.00	32.17 -0.06 0.00	31.18 -0.03 0.00	33.98 -0.03 0.00	37.91 -0.15 0.00	36.67 -0.33 0.00	35.77 -0.25 0.00	33.84 -0.20 0.00	33.91 -0.14 0.00	36.21 -0.11 0.00	37.22 -0.15 0.00	38.70 -0.19 0.00	42.37 -0.17 0.00	44.08 -0.09 0.00	48.02 -0.05 0.00	57.58 -0.06 0.00	64.37 0.13 0.00	66.22 0.13 0.00	63.36 0.13 0.00	53.52 0.00 0.00	48.48 0.34 0.00	40.96 0.28 0.00
HAMLTNNY_34_KV_TB 80303	38.93 0.27 0.00	36.28 0.22 0.00	35.00 0.03 0.00	32.30 0.06 0.00	31.31 0.09 0.00	34.08 0.07 0.00	37.99 -0.08 0.00	36.75 -0.26 0.00	35.88 -0.14 0.00	33.98 -0.07 0.00	34.05 0.00 0.00	36.35 0.04 0.00	37.41 0.04 0.00	38.89 0.00 0.00	42.58 0.04 0.00	44.30 0.13 0.00	48.26 0.19 0.00	57.92 0.29 0.00	64.82 0.58 0.00	66.62 0.53 0.00	63.74 0.51 0.00	53.84 0.32 0.00	48.82 0.67 0.00	41.20 0.53 0.00

HAMPSHIRE___PAPER_HYD 323593	39.58 0.93 0.00	37.00 0.94 0.00	35.84 0.87 0.00	32.94 0.71 0.00	32.06 0.84 0.00	34.96 0.95 0.00	39.36 1.29 0.00	38.27 1.26 0.00	36.92 0.90 0.00	34.62 0.58 0.00	34.59 0.54 0.00	36.86 0.55 0.00	37.97 0.60 0.00	39.63 0.74 0.00	43.30 0.77 0.00	44.70 0.53 0.00	48.64 0.58 0.00	58.73 1.09 0.00	65.91 1.67 0.00	68.34 2.25 0.00	65.64 2.40 0.00	55.77 2.25 0.00	49.83 1.68 0.00	41.98 1.30 0.00
HARDSCRABBLE_WT_PWR 323673	38.73 0.08 0.00	36.17 0.11 0.00	35.07 0.11 0.00	32.33 0.10 0.00	31.34 0.13 0.00	34.18 0.17 0.00	38.26 0.19 0.00	37.19 0.19 0.00	36.13 0.11 0.00	34.08 0.03 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.37 0.00 0.00	38.97 0.08 0.00	42.62 0.09 0.00	44.21 0.04 0.00	48.11 0.05 0.00	57.69 0.06 0.00	64.37 0.13 0.00	66.22 0.13 0.00	63.43 0.19 0.00	53.79 0.27 0.00	48.48 0.34 0.00	40.96 0.29 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	40.51 1.86 0.00	37.65 1.59 0.00	36.47 1.50 0.00	33.55 1.32 0.00	32.40 1.19 0.00	35.41 1.39 0.00	39.28 1.22 0.00	38.19 1.18 0.00	37.39 1.37 0.00	35.41 1.36 0.00	35.38 1.33 0.00	38.09 1.49 -0.29	39.24 1.57 -0.30	40.93 1.67 -0.36	45.12 1.79 -0.80	46.71 1.90 -0.65	50.23 2.16 0.00	59.71 2.07 0.00	66.30 2.06 0.00	68.01 1.92 0.00	64.95 1.71 0.00	55.18 1.66 0.00	50.17 2.02 0.00	42.59 1.91 0.00
HARSNRAD_115KV_TB1 81005	39.24 0.58 0.00	36.71 0.65 0.00	34.62 -0.35 0.00	32.14 -0.10 0.00	31.31 0.09 0.00	33.67 -0.34 0.00	36.43 -1.64 0.00	34.97 -2.04 0.00	34.80 -1.22 0.00	33.40 -0.65 0.00	33.81 -0.24 0.00	36.03 -0.29 0.00	37.26 -0.11 0.00	38.66 -0.23 0.00	42.20 -0.34 0.00	43.99 -0.18 0.00	47.92 -0.14 0.00	57.40 -0.23 0.00	63.92 -0.32 0.00	65.23 -0.86 0.00	61.53 -1.71 0.00	52.02 -1.50 0.00	48.53 0.39 0.00	41.37 0.69 0.00
HARZA MOOSE___RIVER 24016	39.97 1.31 0.00	37.32 1.26 0.00	36.12 1.15 0.00	33.23 1.00 0.00	32.37 1.15 0.00	35.30 1.29 0.00	39.55 1.48 0.00	38.34 1.33 0.00	37.03 1.01 0.00	34.79 0.75 0.00	34.73 0.68 0.00	37.01 0.69 0.00	38.12 0.75 0.00	39.83 0.93 0.00	43.56 1.02 0.00	45.09 0.93 0.00	49.22 1.15 0.00	59.25 1.61 0.00	66.56 2.31 0.00	68.93 2.84 0.00	66.08 2.85 0.00	56.04 2.52 0.00	50.31 2.17 0.00	42.43 1.75 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	38.46 -0.19 0.00	35.85 -0.22 0.00	34.65 -0.31 0.00	31.97 -0.26 0.00	31.00 -0.22 0.00	33.74 -0.27 0.00	37.65 -0.42 0.00	36.45 -0.56 0.00	35.55 -0.47 0.00	33.67 -0.37 0.00	33.74 -0.31 0.00	35.99 -0.33 0.00	37.00 -0.37 0.00	38.43 -0.47 0.00	42.07 -0.47 0.00	43.72 -0.44 0.00	47.63 -0.43 0.00	57.12 -0.52 0.00	63.79 -0.45 0.00	65.56 -0.53 0.00	62.73 -0.51 0.00	52.99 -0.54 0.00	48.00 -0.14 0.00	40.55 -0.12 0.00
HELLGATE_13_KV_LD 55870	41.32 2.67 0.00	38.30 2.24 0.00	36.89 1.92 0.00	34.00 1.77 0.00	32.77 1.56 0.00	35.71 1.70 0.00	39.59 1.52 0.00	38.71 1.70 0.00	38.11 2.09 0.00	36.32 2.28 0.00	36.30 2.25 0.00	39.19 2.54 -0.33	40.48 2.77 -0.34	42.22 2.92 -0.41	46.68 3.23 -0.91	48.17 3.27 -0.74	51.48 3.41 0.00	60.10 2.48 0.01	66.56 2.31 0.00	68.07 1.98 0.00	65.01 1.77 0.00	55.56 2.03 0.00	50.94 2.79 0.00	43.48 2.81 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	41.32 2.67 0.00	38.30 2.24 0.00	36.89 1.92 0.00	34.00 1.77 0.00	32.77 1.56 0.00	35.71 1.70 0.00	39.59 1.52 0.00	38.71 1.70 0.00	38.11 2.09 0.00	36.32 2.28 0.00	36.30 2.25 0.00	39.19 2.54 -0.33	40.48 2.77 -0.34	42.22 2.92 -0.41	46.68 3.23 -0.91	48.17 3.27 -0.74	51.48 3.41 0.00	60.10 2.48 0.01	66.56 2.31 0.00	68.07 1.98 0.00	65.01 1.77 0.00	55.56 2.03 0.00	50.94 2.79 0.00	43.48 2.81 0.00
HEMPSTEAD____ 23647	41.05 2.40 0.00	38.01 1.95 0.00	36.78 1.82 0.00	33.68 1.45 0.00	32.65 1.44 0.00	35.61 1.60 0.00	39.55 1.48 0.00	38.45 1.44 0.00	37.93 1.91 0.00	35.88 1.84 0.00	36.33 2.28 0.00	39.23 2.58 -0.34	40.45 2.73 -0.35	42.07 2.76 -0.42	46.48 3.02 -0.92	48.00 3.09 -0.74	50.80 2.74 0.00	59.82 2.19 0.00	66.30 2.06 0.00	67.34 1.25 0.00	64.05 1.01 0.20	54.69 1.18 0.00	49.64 1.49 0.00	43.20 2.52 0.00
HICKLING___1 23621	39.78 1.12 0.00	37.07 1.01 0.00	35.49 0.52 0.00	32.78 0.55 0.00	31.81 0.59 0.00	34.49 0.48 0.00	38.14 0.08 0.00	36.64 -0.37 0.00	35.91 -0.11 0.00	34.25 0.20 0.00	34.46 0.41 0.00	36.79 0.47 0.00	37.90 0.52 0.00	39.40 0.51 0.00	43.09 0.55 0.00	44.83 0.66 0.00	49.02 0.96 0.00	58.73 1.10 0.00	65.59 1.35 0.00	67.41 1.32 0.00	64.25 1.01 0.00	54.22 0.70 0.00	49.69 1.54 0.00	42.18 1.51 0.00
HICKLING___2 23622	39.78 1.12 0.00	37.07 1.01 0.00	35.49 0.52 0.00	32.78 0.55 0.00	31.81 0.59 0.00	34.49 0.48 0.00	38.14 0.08 0.00	36.64 -0.37 0.00	35.91 -0.11 0.00	34.25 0.20 0.00	34.46 0.41 0.00	36.79 0.47 0.00	37.90 0.52 0.00	39.40 0.51 0.00	43.09 0.55 0.00	44.83 0.66 0.00	49.02 0.96 0.00	58.73 1.10 0.00	65.59 1.35 0.00	67.41 1.32 0.00	64.25 1.01 0.00	54.22 0.70 0.00	49.69 1.54 0.00	42.18 1.51 0.00
HIGH FALLS___HY 23754	40.59 1.93 0.00	37.68 1.62 0.00	36.54 1.57 0.00	33.59 1.35 0.00	32.43 1.22 0.00	35.44 1.43 0.00	39.40 1.33 0.00	38.23 1.22 0.00	37.43 1.40 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.87 1.38 -0.18	39.09 1.53 -0.18	40.86 1.75 -0.22	44.94 1.91 -0.49	46.59 2.03 -0.40	50.32 2.40 0.15	59.41 2.54 0.76	65.70 2.63 1.17	68.73 2.64 0.00	65.57 2.34 0.00	55.71 2.19 0.00	50.64 2.50 0.00	42.95 2.28 0.00
HIGH_RIVER___SOLAR 323847	40.28 1.62 0.00	37.54 1.48 0.00	36.40 1.43 0.00	33.55 1.32 0.00	32.49 1.28 0.00	35.44 1.43 0.00	39.32 1.25 0.00	37.78 0.78 0.00	36.38 0.36 0.00	34.21 0.17 0.00	34.22 0.17 0.00	36.18 0.07 0.21	37.27 0.11 0.22	38.71 0.08 0.26	41.99 0.04 0.58	43.78 0.09 0.47	48.21 0.14 0.00	58.50 0.87 0.00	65.72 1.48 0.00	68.34 2.25 0.00	65.70 2.46 0.00	55.61 2.09 0.00	50.21 2.07 0.00	42.46 1.79 0.00
HILLBURN___GT 23639	40.47 1.82 0.00	37.72 1.66 0.00	36.47 1.50 0.00	33.55 1.32 0.00	32.40 1.19 0.00	35.41 1.40 0.00	39.28 1.22 0.00	38.23 1.22 0.00	37.46 1.44 0.00	35.58 1.53 0.00	35.62 1.57 0.00	38.32 1.71 -0.30	39.55 1.87 -0.31	41.17 1.91 -0.37	45.32 1.96 -0.82	46.95 2.12 -0.67	50.37 2.31 0.00	59.71 2.07 0.00	66.11 1.86 0.00	67.74 1.65 0.00	64.69 1.46 0.00	54.97 1.45 0.00	50.02 1.88 0.00	42.55 1.87 0.00
HILLSIDE_115KV_TB1 80332	39.24 0.58 0.00	36.57 0.50 0.00	35.07 0.10 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.08 0.07 0.00	37.68 -0.38 0.00	36.23 -0.78 0.00	35.55 -0.47 0.00	33.91 -0.14 0.00	34.12 0.07 0.00	36.43 0.11 0.00	37.52 0.15 0.00	39.01 0.12 0.00	42.62 0.09 0.00	44.39 0.22 0.00	48.45 0.38 0.00	58.04 0.40 0.00	64.69 0.45 0.00	66.42 0.33 0.00	63.30 0.06 0.00	53.47 -0.05 0.00	48.91 0.77 0.00	41.53 0.85 0.00

HISHELDN_WT_PWR 323625	39.70 1.04 0.00	36.82 0.76 0.00	34.86 -0.10 0.00	32.26 0.03 0.00	31.40 0.19 0.00	33.84 -0.17 0.00	36.96 -1.11 0.00	35.34 -1.66 0.00	34.87 -1.15 0.00	33.33 -0.72 0.00	33.64 -0.41 0.00	35.88 -0.43 0.00	37.11 -0.26 0.00	38.46 -0.43 0.00	42.28 -0.25 0.00	43.77 -0.40 0.00	48.21 0.14 0.00	57.75 0.12 0.00	64.05 -0.19 0.00	65.89 -0.20 0.00	62.35 -0.89 0.00	52.72 -0.80 0.00	49.06 0.91 0.00	41.73 1.06 0.00
HOLTSVILLE_IC_1 23690	41.40 2.74 0.00	38.01 1.95 0.00	36.92 1.96 0.00	33.72 1.48 0.00	32.81 1.59 0.00	35.64 1.63 0.00	39.51 1.45 0.00	38.30 1.29 0.00	37.89 1.87 0.00	35.71 1.67 0.00	36.40 2.35 0.00	39.41 2.76 -0.33	40.75 3.03 -0.35	42.35 3.04 -0.42	46.81 3.36 -0.92	48.31 3.40 -0.74	50.85 2.79 0.00	59.36 2.19 0.46	65.70 1.99 0.53	66.97 0.92 0.05	63.31 0.50 0.43	54.14 0.80 0.19	49.30 1.15 0.00	43.48 2.80 0.00
HOLTSVILLE_IC_10 23699	41.63 2.98 0.00	38.19 2.13 0.00	37.10 2.13 0.00	33.84 1.61 0.00	32.93 1.72 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.45 1.44 0.00	38.07 2.05 0.00	35.88 1.84 0.00	36.57 2.52 0.00	39.67 3.01 -0.33	40.97 3.25 -0.35	42.62 3.30 -0.42	47.15 3.70 -0.92	48.66 3.75 -0.74	51.28 3.22 0.00	59.76 2.71 0.58	66.14 2.57 0.68	67.55 1.52 0.06	63.74 0.95 0.45	54.45 1.18 0.25	49.64 1.49 0.00	43.73 3.05 0.00
HOLTSVILLE_IC_2 23691	41.40 2.74 0.00	38.01 1.95 0.00	36.92 1.96 0.00	33.72 1.48 0.00	32.81 1.59 0.00	35.64 1.63 0.00	39.51 1.45 0.00	38.30 1.29 0.00	37.89 1.87 0.00	35.71 1.67 0.00	36.40 2.35 0.00	39.41 2.76 -0.33	40.75 3.03 -0.35	42.35 3.04 -0.42	46.81 3.36 -0.92	48.31 3.40 -0.74	50.85 2.79 0.00	59.36 2.19 0.46	65.70 1.99 0.53	66.97 0.92 0.05	63.31 0.50 0.43	54.14 0.80 0.19	49.30 1.15 0.00	43.48 2.80 0.00
HOLTSVILLE_IC_3 23692	41.40 2.74 0.00	38.01 1.95 0.00	36.92 1.96 0.00	33.72 1.48 0.00	32.81 1.59 0.00	35.64 1.63 0.00	39.51 1.45 0.00	38.30 1.29 0.00	37.89 1.87 0.00	35.71 1.67 0.00	36.40 2.35 0.00	39.41 2.76 -0.33	40.75 3.03 -0.35	42.35 3.04 -0.42	46.81 3.36 -0.92	48.31 3.40 -0.74	50.85 2.79 0.00	59.36 2.19 0.46	65.70 1.99 0.53	66.97 0.92 0.05	63.31 0.50 0.43	54.14 0.80 0.19	49.30 1.15 0.00	43.48 2.80 0.00
HOLTSVILLE_IC_4 23693	41.40 2.74 0.00	38.01 1.95 0.00	36.92 1.96 0.00	33.72 1.48 0.00	32.81 1.59 0.00	35.64 1.63 0.00	39.51 1.45 0.00	38.30 1.29 0.00	37.89 1.87 0.00	35.71 1.67 0.00	36.40 2.35 0.00	39.41 2.76 -0.33	40.75 3.03 -0.35	42.35 3.04 -0.42	46.81 3.36 -0.92	48.31 3.40 -0.74	50.85 2.79 0.00	59.36 2.19 0.46	65.70 1.99 0.53	66.97 0.92 0.05	63.31 0.50 0.43	54.14 0.80 0.19	49.30 1.15 0.00	43.48 2.80 0.00
HOLTSVILLE_IC_5 23694	41.40 2.74 0.00	38.01 1.95 0.00	36.92 1.96 0.00	33.72 1.48 0.00	32.81 1.59 0.00	35.64 1.63 0.00	39.51 1.45 0.00	38.30 1.29 0.00	37.89 1.87 0.00	35.71 1.67 0.00	36.40 2.35 0.00	39.41 2.76 -0.33	40.75 3.03 -0.35	42.35 3.04 -0.42	46.81 3.36 -0.92	48.31 3.40 -0.74	50.85 2.79 0.00	59.36 2.19 0.46	65.70 1.99 0.53	66.97 0.92 0.05	63.31 0.50 0.43	54.14 0.80 0.19	49.30 1.15 0.00	43.48 2.80 0.00
HOLTSVILLE_IC_6 23695	41.63 2.98 0.00	38.19 2.13 0.00	37.10 2.13 0.00	33.84 1.61 0.00	32.93 1.72 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.45 1.44 0.00	38.07 2.05 0.00	35.88 1.84 0.00	36.57 2.52 0.00	39.67 3.01 -0.33	40.97 3.25 -0.35	42.62 3.30 -0.42	47.15 3.70 -0.92	48.66 3.75 -0.74	51.28 3.22 0.00	59.76 2.71 0.58	66.14 2.57 0.68	67.55 1.52 0.06	63.74 0.95 0.45	54.45 1.18 0.25	49.64 1.49 0.00	43.73 3.05 0.00
HOLTSVILLE_IC_7 23696	41.63 2.98 0.00	38.19 2.13 0.00	37.10 2.13 0.00	33.84 1.61 0.00	32.93 1.72 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.45 1.44 0.00	38.07 2.05 0.00	35.88 1.84 0.00	36.57 2.52 0.00	39.67 3.01 -0.33	40.97 3.25 -0.35	42.62 3.30 -0.42	47.15 3.70 -0.92	48.66 3.75 -0.74	51.28 3.22 0.00	59.76 2.71 0.58	66.14 2.57 0.68	67.55 1.52 0.06	63.74 0.95 0.45	54.45 1.18 0.25	49.64 1.49 0.00	43.73 3.05 0.00
HOLTSVILLE_IC_8 23697	41.63 2.98 0.00	38.19 2.13 0.00	37.10 2.13 0.00	33.84 1.61 0.00	32.93 1.72 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.45 1.44 0.00	38.07 2.05 0.00	35.88 1.84 0.00	36.57 2.52 0.00	39.67 3.01 -0.33	40.97 3.25 -0.35	42.62 3.30 -0.42	47.15 3.70 -0.92	48.66 3.75 -0.74	51.28 3.22 0.00	59.76 2.71 0.58	66.14 2.57 0.68	67.55 1.52 0.06	63.74 0.95 0.45	54.45 1.18 0.25	49.64 1.49 0.00	43.73 3.05 0.00
HOLTSVILLE_IC_9 23698	41.63 2.98 0.00	38.19 2.13 0.00	37.10 2.13 0.00	33.84 1.61 0.00	32.93 1.72 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.45 1.44 0.00	38.07 2.05 0.00	35.88 1.84 0.00	36.57 2.52 0.00	39.67 3.01 -0.33	40.97 3.25 -0.35	42.62 3.30 -0.42	47.15 3.70 -0.92	48.66 3.75 -0.74	51.28 3.22 0.00	59.76 2.71 0.58	66.14 2.57 0.68	67.55 1.52 0.06	63.74 0.95 0.45	54.45 1.18 0.25	49.64 1.49 0.00	43.73 3.05 0.00
HOMER_HL_115KV_TB2 355744	39.04 0.39 0.00	36.42 0.36 0.00	34.41 -0.56 0.00	31.85 -0.39 0.00	30.96 -0.25 0.00	33.37 -0.65 0.00	36.47 -1.60 0.00	34.86 -2.15 0.00	34.69 -1.33 0.00	33.53 -0.51 0.00	34.01 -0.03 0.00	36.28 -0.04 0.00	37.52 0.15 0.00	38.97 0.08 0.00	42.45 -0.09 0.00	44.39 0.22 0.00	48.40 0.34 0.00	57.81 0.17 0.00	64.11 -0.13 0.00	65.43 -0.66 0.00	61.66 -1.58 0.00	52.18 -1.34 0.00	48.39 0.24 0.00	41.41 0.73 0.00
HOWARD_WT_PWR 323690	40.32 1.66 0.00	37.40 1.34 0.00	35.63 0.66 0.00	32.94 0.71 0.00	31.99 0.78 0.00	34.66 0.64 0.00	38.18 0.11 0.00	36.56 -0.44 0.00	35.77 -0.25 0.00	34.08 0.03 0.00	34.32 0.27 0.00	36.64 0.33 0.00	37.82 0.45 0.00	39.32 0.43 0.00	43.13 0.60 0.00	44.74 0.57 0.00	49.07 1.01 0.00	58.73 1.09 0.00	65.59 1.35 0.00	67.74 1.65 0.00	64.57 1.33 0.00	54.43 0.91 0.00	50.17 2.02 0.00	42.63 1.95 0.00
HQ_GEN_CEDARS 23644	38.81 0.15 0.00	36.28 0.22 0.00	35.21 0.24 0.00	32.39 0.16 0.00	31.43 0.22 0.00	34.22 0.20 0.00	38.67 0.61 0.00	37.78 0.78 0.00	36.63 0.61 0.00	34.49 0.44 0.00	34.49 0.44 0.00	36.75 0.44 0.00	37.90 0.52 0.00	39.48 0.58 0.00	43.22 0.68 0.00	44.61 0.44 0.00	48.54 0.48 0.00	58.50 0.86 0.00	65.34 1.09 0.00	67.41 1.32 0.00	64.63 1.39 0.00	54.70 1.18 0.00	48.48 0.34 0.00	40.84 0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	38.77 0.12 0.00	36.94 0.22 -0.66	34.55 0.25 0.66	32.39 0.16 0.00	31.43 0.22 0.00	34.22 0.21 0.00	38.67 0.61 0.00	37.78 0.78 0.00	36.63 0.61 0.00	34.49 0.44 0.00	34.49 0.44 0.00	36.76 0.44 0.00	37.90 0.52 0.00	39.48 0.58 0.00	43.17 0.64 0.00	44.61 0.44 0.00	48.54 0.48 0.00	58.50 0.87 0.00	65.33 1.09 0.00	67.41 1.32 0.00	64.63 1.39 0.00	57.76 -3.06 0.00	45.43 3.06 0.00	40.84 0.16 0.00

HQ_GEN_IMPORT 323601	38.39 -0.27 0.00	36.47 -0.25 -0.66	34.09 -0.21 0.66	32.01 -0.22 0.00	31.03 -0.19 0.00	33.81 -0.20 0.00	38.10 0.04 0.00	37.19 0.19 0.00	36.17 0.14 0.00	34.15 0.10 0.00	34.15 0.10 0.00	36.43 0.11 0.00	37.49 0.11 0.00	39.01 0.12 0.00	42.66 0.13 0.00	44.25 0.09 0.00	48.16 0.10 0.00	57.87 0.23 0.00	64.57 0.32 0.00	66.42 0.33 0.00	63.62 0.38 0.00	74.40 0.27 -20.61	27.30 -0.24 20.61	40.35 -0.33 0.00
HQ_GEN_WHEEL 23651	38.39 -0.27 0.00	36.47 -0.25 -0.66	34.09 -0.21 0.66	32.01 -0.22 0.00	31.03 -0.19 0.00	33.81 -0.20 0.00	38.10 0.04 0.00	37.19 0.19 0.00	36.17 0.14 0.00	34.15 0.10 0.00	34.15 0.10 0.00	36.43 0.11 0.00	37.49 0.11 0.00	39.01 0.12 0.00	42.66 0.13 0.00	44.25 0.09 0.00	48.16 0.10 0.00	57.87 0.23 0.00	64.57 0.32 0.00	66.42 0.33 0.00	63.62 0.38 0.00	74.40 0.27 -20.61	27.30 -0.24 20.61	40.35 -0.33 0.00
HUDSON AVE_GT_3 23810	40.98 2.32 0.00	38.05 1.98 0.00	36.78 1.82 0.00	33.88 1.64 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.70 1.64 0.00	38.75 1.74 0.00	38.07 2.05 0.00	36.19 2.14 0.00	36.16 2.11 0.00	39.04 2.40 -0.33	40.26 2.54 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.86 2.96 -0.74	51.24 3.17 0.00	60.34 2.71 0.00	66.88 2.63 0.00	68.40 2.31 0.00	65.33 2.09 0.00	55.56 2.03 0.00	50.74 2.60 0.00	43.08 2.40 0.00
HUDSON AVE_GT_4 23540	40.98 2.32 0.00	38.05 1.98 0.00	36.78 1.82 0.00	33.88 1.64 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.70 1.64 0.00	38.75 1.74 0.00	38.07 2.05 0.00	36.19 2.14 0.00	36.16 2.11 0.00	39.04 2.40 -0.33	40.26 2.54 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.86 2.96 -0.74	51.24 3.17 0.00	60.34 2.71 0.00	66.88 2.63 0.00	68.40 2.31 0.00	65.33 2.09 0.00	55.56 2.03 0.00	50.74 2.60 0.00	43.08 2.40 0.00
HUDSON AVE_GT_5 23657	40.98 2.32 0.00	38.05 1.98 0.00	36.78 1.82 0.00	33.88 1.64 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.70 1.64 0.00	38.75 1.74 0.00	38.07 2.05 0.00	36.19 2.14 0.00	36.16 2.11 0.00	39.04 2.40 -0.33	40.26 2.54 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.86 2.96 -0.74	51.24 3.17 0.00	60.34 2.71 0.00	66.88 2.63 0.00	68.40 2.31 0.00	65.33 2.09 0.00	55.56 2.03 0.00	50.74 2.60 0.00	43.08 2.40 0.00
HUDSON_AVE_10 24168	40.78 2.13 0.00	37.86 1.80 0.00	36.61 1.64 0.00	33.71 1.48 0.00	32.56 1.34 0.00	35.64 1.63 0.00	39.59 1.52 0.00	38.63 1.63 0.00	37.93 1.91 0.00	36.09 2.04 0.00	36.02 1.97 0.00	38.86 2.22 -0.33	40.11 2.39 -0.34	41.79 2.49 -0.41	46.17 2.72 -0.91	47.68 2.78 -0.74	51.04 2.98 0.00	60.05 2.42 0.00	66.62 2.38 0.00	68.14 2.05 0.00	65.07 1.83 0.00	55.34 1.82 0.00	50.60 2.46 0.00	42.91 2.24 0.00
HUDSON___115KV_TB 4 355613	40.01 1.35 0.00	37.43 1.37 0.00	36.29 1.33 0.00	33.49 1.26 0.00	32.37 1.15 0.00	35.27 1.26 0.00	39.21 1.14 0.00	37.89 0.89 0.00	36.49 0.47 0.00	34.28 0.24 0.00	34.18 0.14 0.00	36.40 0.25 0.17	37.23 0.04 0.18	38.67 0.00 0.22	42.01 -0.04 0.48	43.87 0.09 0.39	47.60 0.10 0.56	55.20 0.40 2.84	60.42 0.58 4.40	67.00 0.93 0.02	64.11 0.89 0.02	54.26 0.75 0.02	49.09 0.96 0.02	41.53 0.85 0.00
HUNTER MOUNT___DRP 323613	40.12 1.47 0.00	37.50 1.44 0.00	36.40 1.43 0.00	33.55 1.32 0.00	32.43 1.22 0.00	35.34 1.33 0.00	39.28 1.22 0.00	37.93 0.93 0.00	36.42 0.40 0.00	34.18 0.14 0.00	34.05 0.00 0.11	36.43 0.22 0.11	37.22 -0.04 0.11	38.64 -0.12 0.14	42.06 -0.17 0.30	43.92 0.00 0.24	47.29 0.05 0.82	54.02 0.52 4.13	58.61 0.77 6.40	67.19 1.12 0.02	64.16 0.95 0.02	54.36 0.86 0.02	49.18 1.06 0.02	41.53 0.85 0.00
HUNTINGTON_RES_REC 323705	41.29 2.63 0.00	37.97 1.91 0.00	36.82 1.85 0.00	33.62 1.39 0.00	32.65 1.44 0.00	35.54 1.53 0.00	39.43 1.37 0.00	38.30 1.29 0.00	37.89 1.87 0.00	35.75 1.70 0.00	36.40 2.35 -0.33	39.41 2.76 -0.35	40.72 2.99 -0.42	42.38 3.07 -0.92	46.86 3.40 -0.74	48.27 3.36 0.00	50.61 2.55 2.08	57.51 1.96 2.42	63.56 1.74 0.18	66.64 0.73 0.62	63.00 0.38 0.70	53.41 0.59 0.00	49.06 0.91 0.00	43.40 2.73 0.00
HUNTLEY___63 23557	39.27 0.62 0.00	36.78 0.72 0.00	34.62 -0.35 0.00	32.14 -0.10 0.00	31.34 0.12 0.00	33.71 -0.31 0.00	36.58 -1.48 0.00	35.19 -1.81 0.00	35.05 -0.97 0.00	33.67 -0.37 0.00	34.15 0.10 0.00	36.39 0.07 0.00	37.63 0.26 0.00	39.13 0.23 0.00	42.66 0.13 0.00	44.52 0.35 0.00	48.35 0.29 0.00	57.98 0.35 0.00	64.50 0.26 0.00	65.76 -0.33 0.00	61.91 -1.33 0.00	52.40 -1.12 0.00	48.87 0.72 0.00	41.61 0.94 0.00
HUNTLEY___64 23558	39.27 0.62 0.00	36.78 0.72 0.00	34.62 -0.35 0.00	32.14 -0.10 0.00	31.34 0.12 0.00	33.71 -0.31 0.00	36.58 -1.48 0.00	35.19 -1.81 0.00	35.05 -0.97 0.00	33.67 -0.37 0.00	34.15 0.10 0.00	36.39 0.07 0.00	37.63 0.26 0.00	39.13 0.23 0.00	42.66 0.13 0.00	44.52 0.35 0.00	48.35 0.29 0.00	57.98 0.35 0.00	64.50 0.26 0.00	65.76 -0.33 0.00	61.91 -1.33 0.00	52.40 -1.12 0.00	48.87 0.72 0.00	41.61 0.94 0.00
HUNTLEY___65 23559	39.27 0.62 0.00	36.78 0.72 0.00	34.62 -0.35 0.00	32.14 -0.10 0.00	31.34 0.12 0.00	33.71 -0.31 0.00	36.58 -1.48 0.00	35.19 -1.81 0.00	35.05 -0.97 0.00	33.67 -0.37 0.00	34.15 0.10 0.00	36.39 0.07 0.00	37.63 0.26 0.00	39.13 0.23 0.00	42.66 0.13 0.00	44.52 0.35 0.00	48.35 0.29 0.00	57.98 0.35 0.00	64.50 0.26 0.00	65.76 -0.33 0.00	61.91 -1.33 0.00	52.40 -1.12 0.00	48.87 0.72 0.00	41.61 0.94 0.00
HUNTLEY___66 23560	39.27 0.62 0.00	36.78 0.72 0.00	34.62 -0.35 0.00	32.14 -0.10 0.00	31.34 0.12 0.00	33.71 -0.31 0.00	36.58 -1.48 0.00	35.19 -1.81 0.00	35.05 -0.97 0.00	33.67 -0.37 0.00	34.15 0.10 0.00	36.39 0.07 0.00	37.63 0.26 0.00	39.13 0.23 0.00	42.66 0.13 0.00	44.52 0.35 0.00	48.35 0.29 0.00	57.98 0.35 0.00	64.50 0.26 0.00	65.76 -0.33 0.00	61.91 -1.33 0.00	52.40 -1.12 0.00	48.87 0.72 0.00	41.61 0.94 0.00
HUNTLEY___67 23561	39.04 0.39 0.00	36.57 0.50 0.00	34.44 -0.52 0.00	31.97 -0.26 0.00	31.12 -0.09 0.00	33.50 -0.51 0.00	36.43 -1.64 0.00	35.04 -1.96 0.00	34.94 -1.08 0.00	33.57 -0.48 0.00	34.01 -0.03 0.00	36.25 -0.07 0.00	37.48 0.11 0.00	38.93 0.04 0.00	42.45 -0.09 0.00	44.30 0.13 0.00	48.02 -0.05 0.00	57.58 -0.06 0.00	63.99 -0.26 0.00	65.23 -0.86 0.00	61.53 -1.71 0.00	52.08 -1.45 0.00	48.53 0.39 0.00	41.33 0.65 0.00
HUNTLEY___68 23562	39.04 0.39 0.00	36.57 0.50 0.00	34.44 -0.52 0.00	31.97 -0.26 0.00	31.12 -0.09 0.00	33.50 -0.51 0.00	36.43 -1.64 0.00	35.04 -1.96 0.00	34.94 -1.08 0.00	33.57 -0.48 0.00	34.01 -0.03 0.00	36.25 -0.07 0.00	37.48 0.11 0.00	38.93 0.04 0.00	42.45 -0.09 0.00	44.30 0.13 0.00	48.02 -0.05 0.00	57.58 -0.06 0.00	63.99 -0.26 0.00	65.23 -0.86 0.00	61.53 -1.71 0.00	52.08 -1.45 0.00	48.53 0.39 0.00	41.33 0.65 0.00

HYLAND___LFGE 323620	41.36 2.71 0.00	38.33 2.27 0.00	36.54 1.57 0.00	33.78 1.55 0.00	32.84 1.62 0.00	35.54 1.53 0.00	39.28 1.22 0.00	37.63 0.63 0.00	36.56 0.54 0.00	34.35 0.31 0.00	34.39 0.34 0.00	36.68 0.36 0.00	37.78 0.41 0.00	39.20 0.31 0.00	43.17 0.64 0.00	44.87 0.70 0.00	49.31 1.25 0.00	57.81 0.17 0.00	65.53 1.28 0.00	68.60 2.51 0.00	65.89 2.66 0.00	55.67 2.14 0.00	50.98 2.84 0.00	44.21 3.54 0.00
INDECK___CORINTH 23802	39.86 1.20 0.00	37.11 1.05 0.00	35.94 0.98 0.00	33.13 0.90 0.00	32.09 0.87 0.00	35.00 0.99 0.00	38.98 0.91 0.00	37.71 0.70 0.00	36.38 0.36 0.00	34.21 0.17 0.00	33.81 -0.24 0.00	35.79 -0.25 0.28	36.78 -0.30 0.29	38.27 -0.27 0.35	41.50 -0.25 0.78	43.40 -0.13 0.63	47.87 -0.19 0.00	57.87 0.23 0.00	65.27 1.02 0.00	67.81 1.72 0.00	65.39 2.15 0.00	55.18 1.66 0.00	49.73 1.59 0.00	42.10 1.42 0.00
INDECK___ILION 23567	38.85 0.19 0.00	36.24 0.18 0.00	35.14 0.17 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.25 0.24 0.00	38.26 0.19 0.00	37.23 0.22 0.00	36.17 0.14 0.00	34.15 0.10 0.00	34.12 0.07 0.00	36.39 0.07 0.00	37.45 0.07 0.00	39.01 0.12 0.00	42.71 0.17 0.00	44.30 0.13 0.00	48.21 0.14 0.00	57.81 0.17 0.00	64.50 0.26 0.00	66.42 0.33 0.00	63.55 0.32 0.00	53.84 0.32 0.00	48.53 0.39 0.00	41.04 0.37 0.00
INDECK___OLEAN 23982	39.39 0.73 0.00	36.46 0.40 0.00	34.48 -0.49 0.00	31.85 -0.39 0.00	30.96 -0.25 0.00	33.36 -0.65 0.00	36.47 -1.60 0.00	34.86 -2.15 0.00	34.73 -1.30 0.00	33.53 -0.51 0.00	34.01 -0.03 0.00	36.28 -0.04 0.00	37.52 0.15 0.00	38.97 0.08 0.00	42.71 0.17 0.00	44.39 0.22 0.00	48.40 0.34 0.00	57.81 0.17 0.00	63.80 -0.45 0.00	65.43 -0.66 0.00	61.66 -1.58 0.00	52.24 -1.29 0.00	48.53 0.38 0.00	41.49 0.81 0.00
INDECK___OSWEGO 23783	38.08 -0.58 0.00	35.48 -0.58 0.00	34.34 -0.63 0.00	31.65 -0.58 0.00	30.68 -0.53 0.00	33.43 -0.58 0.00	37.30 -0.76 0.00	36.16 -0.85 0.00	35.19 -0.83 0.00	33.29 -0.75 0.00	33.33 -0.72 0.00	35.55 -0.76 0.00	36.59 -0.79 0.00	38.07 -0.82 0.00	41.64 -0.90 0.00	43.28 -0.88 0.00	46.72 -1.35 0.00	56.02 -1.61 0.00	62.57 -1.67 0.00	64.37 -1.72 0.00	61.59 -1.64 0.00	52.19 -1.34 0.00	47.62 -0.53 0.00	40.19 -0.49 0.00
INDECK___YERKES 23781	39.70 1.04 0.00	36.82 0.76 0.00	34.72 -0.24 0.00	32.17 -0.06 0.00	31.37 0.16 0.00	33.74 -0.27 0.00	36.62 -1.45 0.00	35.23 -1.78 0.00	35.12 -0.90 0.00	33.70 -0.34 0.00	34.19 0.14 0.00	36.43 0.11 0.00	37.67 0.30 0.00	39.17 0.27 0.00	43.00 0.47 0.00	44.56 0.40 0.00	48.40 0.34 0.00	58.04 0.41 0.00	64.31 0.06 0.00	65.83 -0.26 0.00	61.97 -1.26 0.00	52.50 -1.02 0.00	49.06 0.91 0.00	41.77 1.10 0.00
INDIAN POINT_GT_1 24139	40.51 1.86 0.00	37.68 1.62 0.00	36.47 1.50 0.00	33.59 1.35 0.00	32.43 1.22 0.00	35.44 1.43 0.00	39.32 1.26 0.00	38.30 1.30 0.00	37.53 1.51 0.00	35.61 1.57 0.00	35.61 1.57 0.00	38.38 1.74 -0.32	39.58 1.87 -0.34	41.24 1.94 -0.40	45.56 2.13 -0.90	47.05 2.16 -0.72	50.32 2.26 0.00	59.65 2.02 0.00	66.17 1.93 0.00	67.81 1.72 0.00	64.69 1.45 0.00	55.02 1.50 0.00	50.12 1.97 0.00	42.59 1.91 0.00
INDIAN POINT_GT_2 23659	40.51 1.86 0.00	37.68 1.62 0.00	36.47 1.50 0.00	33.59 1.35 0.00	32.43 1.22 0.00	35.44 1.43 0.00	39.32 1.26 0.00	38.30 1.30 0.00	37.53 1.51 0.00	35.61 1.57 0.00	35.61 1.57 0.00	38.38 1.74 -0.32	39.58 1.87 -0.34	41.24 1.94 -0.40	45.56 2.13 -0.90	47.05 2.16 -0.72	50.32 2.26 0.00	59.65 2.02 0.00	66.17 1.93 0.00	67.81 1.72 0.00	64.69 1.45 0.00	55.02 1.50 0.00	50.12 1.97 0.00	42.59 1.91 0.00
INDIAN POINT_GT_3 24019	40.51 1.86 0.00	37.68 1.62 0.00	36.47 1.50 0.00	33.59 1.35 0.00	32.43 1.22 0.00	35.44 1.43 0.00	39.32 1.26 0.00	38.30 1.30 0.00	37.53 1.51 0.00	35.61 1.57 0.00	35.61 1.57 0.00	38.38 1.74 -0.32	39.58 1.87 -0.34	41.24 1.94 -0.40	45.56 2.13 -0.90	47.05 2.16 -0.72	50.32 2.26 0.00	59.65 2.02 0.00	66.17 1.93 0.00	67.81 1.72 0.00	64.69 1.45 0.00	55.02 1.50 0.00	50.12 1.97 0.00	42.59 1.91 0.00
INDIAN POINT___2 23530	40.44 1.78 0.00	37.69 1.62 0.00	36.43 1.47 0.00	33.55 1.32 0.00	32.40 1.19 0.00	35.41 1.40 0.00	39.28 1.22 0.00	38.27 1.26 0.00	37.50 1.48 0.00	35.58 1.53 0.00	35.62 1.57 0.00	38.37 1.74 -0.31	39.57 1.87 -0.33	41.19 1.91 -0.39	45.40 2.00 -0.87	46.99 2.12 -0.70	50.32 2.26 0.00	59.59 1.96 0.00	66.04 1.80 0.00	67.61 1.52 0.00	64.63 1.39 0.00	54.91 1.39 0.00	49.97 1.83 0.00	42.51 1.83 0.00
INDIAN POINT___3 23531	40.47 1.82 0.00	37.61 1.55 0.00	36.43 1.47 0.00	33.55 1.32 0.00	32.40 1.19 0.00	35.41 1.39 0.00	39.28 1.22 0.00	38.26 1.26 0.00	37.46 1.44 0.00	35.54 1.50 0.00	35.55 1.50 0.00	38.35 1.71 -0.32	39.50 1.79 -0.34	41.16 1.87 -0.41	45.47 2.04 -0.90	46.92 2.03 -0.72	50.23 2.16 0.00	59.54 1.90 0.00	66.04 1.80 0.00	67.68 1.59 0.00	64.57 1.33 0.00	54.91 1.39 0.00	50.02 1.88 0.00	42.51 1.83 0.00
INGHAM_C_115KV_TB7 356103	38.66 0.00 0.00	36.10 0.04 0.00	35.00 0.03 0.00	32.26 0.03 0.00	31.28 0.06 0.00	34.11 0.10 0.00	38.18 0.11 0.00	37.12 0.11 0.00	36.02 0.00 0.00	34.01 -0.03 0.00	33.98 -0.07 0.00	36.21 -0.11 0.00	37.30 -0.07 0.00	38.85 -0.04 0.00	42.49 -0.04 0.00	44.12 -0.04 0.00	47.97 -0.10 0.00	57.52 -0.12 0.00	64.18 -0.06 0.00	66.09 0.00 0.00	63.30 0.06 0.00	53.68 0.16 0.00	48.39 0.24 0.00	40.92 0.24 0.00
IP CORINTH___1 23988	40.09 1.43 0.00	37.32 1.26 0.00	36.12 1.15 0.00	33.30 1.06 0.00	32.24 1.03 0.00	35.17 1.16 0.00	39.17 1.10 0.00	37.89 0.89 0.00	36.56 0.54 0.00	34.38 0.34 0.00	34.01 -0.03 0.00	35.97 -0.07 0.28	36.97 -0.11 0.29	38.46 -0.08 0.35	41.75 0.00 0.78	43.67 0.13 0.63	48.16 0.10 0.00	58.21 0.58 0.00	65.66 1.41 0.00	68.21 2.11 0.00	65.70 2.47 0.00	55.50 1.98 0.00	50.02 1.88 0.00	42.30 1.63 0.00
IP___TICONDEROGA 23804	41.21 2.55 0.00	38.33 2.27 0.00	37.03 2.06 0.00	34.13 1.90 0.00	33.09 1.87 0.00	36.12 2.11 0.00	40.16 2.09 0.00	38.71 1.70 0.00	37.17 1.15 0.00	34.86 0.82 0.00	34.49 0.44 0.00	36.50 0.47 0.29	37.52 0.45 0.30	39.07 0.54 0.36	42.41 0.68 0.80	44.45 0.93 0.65	49.12 1.06 0.00	59.71 2.07 0.00	67.52 3.28 0.00	70.65 4.56 0.00	68.36 5.12 0.00	57.64 4.12 0.00	51.85 3.71 0.00	43.73 3.05 0.00
ISLIP_RES_REC 323679	41.83 3.17 0.00	38.37 2.31 0.00	37.24 2.27 0.00	34.00 1.77 0.00	33.09 1.87 0.00	35.92 1.90 0.00	39.85 1.79 0.00	38.63 1.63 0.00	38.26 2.23 0.00	36.05 2.01 0.00	36.80 2.76 0.00	39.92 3.27 -0.33	41.24 3.51 -0.35	42.89 3.58 -0.42	47.50 4.04 -0.92	49.02 4.11 -0.74	51.67 3.61 0.00	60.33 3.23 0.53	66.78 3.15 0.61	68.09 2.05 0.06	64.25 1.46 0.44	54.83 1.55 0.24	49.93 1.78 0.00	43.97 3.29 0.00

JAMAICA__27_KV_LOAD 355505	40.82 2.16 0.00	37.90 1.84 0.00	36.61 1.64 0.00	33.78 1.55 0.00	32.59 1.37 0.00	35.75 1.73 0.00	39.70 1.64 0.00	38.82 1.81 0.00	38.15 2.13 0.00	36.29 2.25 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.18 2.47 -0.34	41.91 2.61 -0.41	46.34 2.89 -0.91	47.86 2.96 -0.74	51.28 3.22 0.00	60.34 2.71 0.00	66.88 2.63 0.00	68.40 2.31 0.00	65.39 2.15 0.00	55.56 2.03 0.00	50.89 2.74 0.00	43.08 2.40 0.00
JANIS__SOLAR 323808	40.66 2.01 0.00	37.90 1.84 0.00	36.54 1.57 0.00	33.68 1.45 0.00	32.74 1.53 0.00	35.68 1.67 0.00	39.82 1.75 0.00	38.27 1.26 0.00	37.03 1.01 0.00	34.79 0.75 0.00	34.69 0.65 0.00	36.94 0.62 0.00	38.01 0.63 0.00	39.67 0.78 0.00	43.51 0.98 0.00	45.18 1.02 0.00	49.50 1.44 0.00	59.82 2.19 0.00	67.45 3.21 0.00	69.92 3.83 0.00	66.97 3.73 0.00	56.57 3.05 0.00	51.27 3.13 0.00	43.24 2.56 0.00
JARVIS____ 23743	38.85 0.19 0.00	36.24 0.18 0.00	35.14 0.18 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.22 0.21 0.00	38.22 0.15 0.00	37.19 0.19 0.00	36.17 0.14 0.00	34.15 0.10 0.00	34.12 0.07 0.00	36.39 0.07 0.00	37.49 0.11 0.00	39.01 0.12 0.00	42.66 0.13 0.00	44.30 0.13 0.00	48.21 0.14 0.00	57.81 0.17 0.00	64.44 0.19 0.00	66.29 0.20 0.00	63.43 0.19 0.00	53.79 0.27 0.00	48.44 0.29 0.00	40.96 0.29 0.00
JENNISON____1 23625	40.78 2.13 0.00	38.08 2.02 0.00	36.78 1.82 0.00	33.88 1.64 0.00	32.96 1.75 0.00	35.92 1.90 0.00	40.01 1.94 0.00	38.52 1.52 0.00	37.39 1.37 0.00	35.27 1.23 0.00	35.24 1.19 0.00	37.55 1.23 0.00	38.68 1.31 0.00	40.41 1.52 0.00	44.24 1.70 0.00	45.93 1.77 0.00	50.27 2.21 0.00	60.46 2.82 0.00	67.78 3.53 0.00	69.99 3.90 0.00	66.97 3.73 0.00	56.63 3.10 0.00	51.27 3.13 0.00	43.36 2.68 0.00
JENNISON____2 23626	40.78 2.13 0.00	38.08 2.02 0.00	36.78 1.82 0.00	33.88 1.64 0.00	32.96 1.75 0.00	35.92 1.90 0.00	40.01 1.94 0.00	38.52 1.52 0.00	37.39 1.37 0.00	35.27 1.23 0.00	35.24 1.19 0.00	37.55 1.23 0.00	38.68 1.31 0.00	40.41 1.52 0.00	44.24 1.70 0.00	45.93 1.77 0.00	50.27 2.21 0.00	60.46 2.82 0.00	67.78 3.53 0.00	69.99 3.90 0.00	66.97 3.73 0.00	56.63 3.10 0.00	51.27 3.13 0.00	43.36 2.68 0.00
JERICOHO_RISE_WT_PWR 323719	38.66 0.00 0.00	36.17 0.11 0.00	35.11 0.14 0.00	32.33 0.10 0.00	31.34 0.13 0.00	34.15 0.14 0.00	38.56 0.49 0.00	37.67 0.67 0.00	36.56 0.54 0.00	34.42 0.38 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.82 0.45 0.00	39.40 0.50 0.00	43.09 0.55 0.00	44.61 0.44 0.00	48.59 0.53 0.00	58.50 0.87 0.00	65.33 1.09 0.00	67.34 1.25 0.00	64.57 1.33 0.00	54.54 1.01 0.00	48.39 0.24 0.00	40.72 0.04 0.00
KATONAH__115KV_46KV_TB4 355592	40.63 1.97 0.00	37.76 1.69 0.00	36.61 1.64 0.00	33.71 1.48 0.00	32.56 1.34 0.00	35.58 1.56 0.00	39.51 1.45 0.00	38.45 1.44 0.00	37.61 1.58 0.00	35.61 1.57 0.00	35.58 1.53 0.00	38.35 1.71 -0.33	39.59 1.87 -0.35	41.29 1.98 -0.41	45.62 2.17 -0.92	47.16 2.25 -0.74	50.47 2.40 0.00	60.00 2.36 0.00	66.62 2.38 0.00	68.21 2.11 0.00	65.07 1.83 0.00	55.23 1.71 0.00	50.31 2.17 0.00	42.79 2.12 0.00
KCE_NY_1 323755	40.35 1.70 0.00	37.61 1.55 0.00	36.43 1.47 0.00	33.59 1.35 0.00	32.52 1.31 0.00	35.47 1.46 0.00	39.47 1.41 0.00	38.19 1.18 0.00	36.88 0.86 0.00	34.76 0.72 0.00	34.59 0.54 0.00	36.57 0.55 0.30	37.62 0.56 0.31	39.14 0.62 0.37	42.43 0.72 0.83	44.38 0.88 0.67	49.02 0.96 0.00	59.08 1.44 0.00	66.17 1.93 0.00	68.47 2.38 0.00	65.77 2.53 0.00	55.61 2.09 0.00	50.21 2.07 0.00	42.51 1.83 0.00
KCE_NY_6_ESR 323823	39.86 1.20 0.00	36.93 0.86 0.00	34.86 -0.10 0.00	32.26 0.03 0.00	31.43 0.22 0.00	33.84 -0.17 0.00	36.85 -1.22 0.00	35.38 -1.63 0.00	35.30 -0.72 0.00	33.91 -0.14 0.00	34.39 0.34 0.00	36.68 0.36 0.00	37.93 0.56 0.00	39.44 0.54 0.00	43.30 0.77 0.00	44.92 0.75 0.00	48.69 0.62 0.00	58.33 0.69 0.00	64.63 0.39 0.00	66.16 0.07 0.00	62.35 -0.89 0.00	52.77 -0.75 0.00	49.25 1.11 0.00	41.98 1.30 0.00
KEDC_PORT_JEFF_GT2 24210	41.56 2.90 0.00	38.12 2.05 0.00	36.99 2.03 0.00	33.78 1.55 0.00	32.87 1.65 0.00	35.71 1.70 0.00	39.59 1.52 0.00	38.38 1.37 0.00	37.97 1.94 0.00	35.78 1.74 0.00	36.50 2.45 0.00	39.56 2.91 -0.33	40.90 3.17 -0.35	42.50 3.19 -0.42	47.07 3.61 -0.92	48.53 3.62 -0.74	51.14 3.08 0.00	59.36 2.42 0.69	65.62 2.19 0.81	67.15 1.12 0.07	63.41 0.63 0.46	54.21 0.96 0.27	49.49 1.35 0.00	43.61 2.93 0.00
KEDC_PORT_JEFF_GT3 24211	41.56 2.90 0.00	38.12 2.05 0.00	36.99 2.03 0.00	33.78 1.55 0.00	32.87 1.65 0.00	35.71 1.70 0.00	39.59 1.52 0.00	38.38 1.37 0.00	37.97 1.94 0.00	35.78 1.74 0.00	36.50 2.45 0.00	39.56 2.91 -0.33	40.90 3.17 -0.35	42.50 3.19 -0.42	47.07 3.61 -0.92	48.53 3.62 -0.74	51.14 3.08 0.00	59.36 2.42 0.69	65.62 2.19 0.81	67.15 1.12 0.07	63.41 0.63 0.46	54.21 0.96 0.27	49.49 1.35 0.00	43.61 2.93 0.00
KEDC_GLWD_GT4 24219	41.17 2.51 0.00	38.15 2.09 0.00	36.89 1.92 0.00	33.84 1.61 0.00	32.77 1.56 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.67 1.67 0.00	38.07 2.05 0.00	36.05 2.01 0.00	36.40 2.35 0.00	39.27 2.62 -0.34	40.53 2.80 -0.35	42.19 2.88 -0.42	46.56 3.10 -0.92	48.13 3.22 -0.74	51.19 3.12 0.00	60.00 2.36 0.00	66.49 2.25 0.00	67.74 1.65 0.00	64.50 1.39 0.13	55.28 1.76 0.00	50.21 2.07 0.00	43.28 2.61 0.00
KEDC_GLWD_GT5 24220	41.17 2.51 0.00	38.15 2.09 0.00	36.89 1.92 0.00	33.84 1.61 0.00	32.77 1.56 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.67 1.67 0.00	38.07 2.05 0.00	36.05 2.01 0.00	36.40 2.35 0.00	39.27 2.62 -0.34	40.53 2.80 -0.35	42.19 2.88 -0.42	46.56 3.10 -0.92	48.13 3.22 -0.74	51.19 3.12 0.00	60.00 2.36 0.00	66.49 2.25 0.00	67.74 1.65 0.00	64.50 1.39 0.13	55.28 1.76 0.00	50.21 2.07 0.00	43.28 2.61 0.00
KENSICO____ 23655	40.67 2.01 0.00	37.79 1.73 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.53 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.45 1.44 0.00	37.68 1.66 0.00	35.75 1.70 0.00	35.75 1.70 0.00	38.57 1.92 -0.33	39.77 2.06 -0.34	41.44 2.14 -0.41	45.78 2.34 -0.91	47.24 2.34 -0.73	50.56 2.50 0.00	59.88 2.25 0.00	66.43 2.18 0.00	68.01 1.92 0.00	64.88 1.64 0.00	55.18 1.66 0.00	50.31 2.17 0.00	42.71 2.03 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.59 1.93 0.00	37.68 1.62 0.00	36.54 1.57 0.00	33.59 1.35 0.00	32.43 1.22 0.00	35.47 1.46 0.00	39.40 1.33 0.00	38.23 1.22 0.00	37.35 1.33 0.00	35.27 1.23 0.00	35.21 1.16 0.00	37.79 1.27 -0.20	39.00 1.42 -0.21	40.73 1.59 -0.25	44.79 1.70 -0.55	46.46 1.85 -0.44	50.18 2.21 0.10	59.50 2.36 0.50	65.98 2.51 0.77	68.67 2.58 0.00	65.51 2.28 0.00	55.61 2.09 0.00	50.55 2.41 0.00	42.87 2.20 0.00

KIAC_JFK_GT1 23816	40.43 1.78 0.00	37.54 1.48 0.00	36.33 1.36 0.00	33.62 1.39 0.00	32.40 1.19 0.00	35.54 1.53 0.00	39.36 1.29 0.00	38.49 1.48 0.00	37.82 1.80 0.00	35.95 1.91 0.00	35.75 1.70 0.00	38.61 1.96 -0.33	39.81 2.09 -0.34	41.52 2.22 -0.41	45.91 2.47 -0.91	47.42 2.52 -0.74	50.76 2.69 0.00	59.71 2.07 0.00	66.23 1.99 0.00	67.74 1.65 0.00	64.69 1.45 0.00	55.02 1.50 0.00	50.41 2.26 0.00	42.63 1.95 0.00
KIAC_JFK_GT2 23817	40.43 1.78 0.00	37.54 1.48 0.00	36.33 1.36 0.00	33.62 1.39 0.00	32.40 1.19 0.00	35.54 1.53 0.00	39.36 1.29 0.00	38.49 1.48 0.00	37.82 1.80 0.00	35.95 1.91 0.00	35.75 1.70 0.00	38.61 1.96 -0.33	39.81 2.09 -0.34	41.52 2.22 -0.41	45.91 2.47 -0.91	47.42 2.52 -0.74	50.76 2.69 0.00	59.71 2.07 0.00	66.23 1.99 0.00	67.74 1.65 0.00	64.69 1.45 0.00	55.02 1.50 0.00	50.41 2.26 0.00	42.63 1.95 0.00
KIAC_JFK____ 323774	40.40 1.74 0.00	37.61 1.55 0.00	36.26 1.29 0.00	33.62 1.39 0.00	32.40 1.19 0.00	35.54 1.53 0.00	39.36 1.29 0.00	38.49 1.48 0.00	37.82 1.80 0.00	35.95 1.91 0.00	35.75 1.70 0.00	38.60 1.96 -0.33	39.88 2.17 -0.34	41.52 2.22 -0.41	45.83 2.38 -0.91	47.42 2.52 -0.74	50.80 2.74 0.00	59.71 2.07 0.00	66.17 1.93 0.00	67.61 1.52 0.00	64.69 1.46 0.00	54.97 1.45 0.00	50.31 2.17 0.00	42.63 1.95 0.00
KINTIGH__24_KV_GSU 356498	39.16 0.50 0.00	36.35 0.29 0.00	34.37 -0.59 0.00	31.85 -0.39 0.00	31.00 -0.22 0.00	33.40 -0.61 0.00	36.50 -1.56 0.00	35.23 -1.78 0.00	35.05 -0.97 0.00	33.53 -0.51 0.00	33.91 -0.14 0.00	36.14 -0.18 0.00	37.34 -0.04 0.00	38.74 -0.15 0.00	42.58 0.04 0.00	44.03 -0.13 0.00	47.87 -0.19 0.00	57.40 -0.23 0.00	63.60 -0.64 0.00	65.17 -0.93 0.00	61.66 -1.58 0.00	52.19 -1.34 0.00	48.53 0.38 0.00	41.25 0.57 0.00
KINTIGH____ 23543	38.81 0.15 0.00	36.35 0.29 0.00	34.34 -0.63 0.00	31.85 -0.39 0.00	31.00 -0.22 0.00	33.40 -0.61 0.00	36.47 -1.60 0.00	35.23 -1.78 0.00	35.01 -1.01 0.00	33.53 -0.51 0.00	33.91 -0.14 0.00	36.14 -0.18 0.00	37.34 -0.04 0.00	38.74 -0.16 0.00	42.28 -0.26 0.00	44.03 -0.13 0.00	47.87 -0.19 0.00	57.40 -0.23 0.00	63.86 -0.39 0.00	65.17 -0.93 0.00	61.66 -1.58 0.00	52.13 -1.39 0.00	48.39 0.24 0.00	41.12 0.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	39.74 1.08 0.00	37.18 1.12 0.00	36.05 1.08 0.00	33.17 0.93 0.00	32.18 0.97 0.00	35.03 1.02 0.00	39.55 1.48 0.00	38.60 1.59 0.00	37.50 1.48 0.00	35.30 1.26 0.00	35.31 1.26 0.00	37.63 1.31 0.00	38.79 1.42 0.00	40.45 1.56 0.00	44.32 1.79 0.00	45.76 1.59 0.00	49.94 1.87 0.00	60.29 2.65 0.00	67.33 3.08 0.00	69.53 3.44 0.00	66.65 3.41 0.00	56.20 2.68 0.00	49.83 1.69 0.00	41.90 1.22 0.00
LACHUTE____HYDRO 323717	41.21 2.55 0.00	38.33 2.27 0.00	37.03 2.06 0.00	34.13 1.90 0.00	33.09 1.87 0.00	36.12 2.11 0.00	40.16 2.09 0.00	38.71 1.70 0.00	37.17 1.15 0.00	34.86 0.82 0.00	34.49 0.44 0.00	36.50 0.47 0.29	37.52 0.45 0.30	39.07 0.54 0.36	42.41 0.68 0.80	44.45 0.93 0.65	49.12 1.06 0.00	59.71 2.07 0.00	67.58 3.34 0.00	70.65 4.56 0.00	68.36 5.12 0.00	57.64 4.12 0.00	51.85 3.71 0.00	43.73 3.05 0.00
LAWRNCALV_115KV_TB1 80681	39.04 0.39 0.00	36.53 0.47 0.00	35.42 0.45 0.00	32.59 0.35 0.00	31.65 0.44 0.00	34.49 0.48 0.00	38.94 0.88 0.00	38.04 1.04 0.00	36.81 0.79 0.00	34.59 0.54 0.00	34.59 0.54 0.00	36.86 0.54 0.00	38.01 0.64 0.00	39.59 0.70 0.00	43.34 0.81 0.00	44.61 0.44 0.00	48.45 0.38 0.00	58.44 0.81 0.00	65.34 1.09 0.00	67.55 1.45 0.00	64.82 1.58 0.00	55.07 1.55 0.00	48.87 0.72 0.00	41.16 0.49 0.00
LEDERLE____ 23769	40.63 1.97 0.00	37.76 1.69 0.00	36.57 1.61 0.00	33.65 1.42 0.00	32.49 1.28 0.00	35.51 1.50 0.00	39.40 1.33 0.00	38.34 1.33 0.00	37.57 1.55 0.00	35.68 1.63 0.00	35.68 1.63 0.00	38.44 1.82 -0.30	39.60 1.91 -0.32	41.26 1.98 -0.38	45.51 2.13 -0.85	47.06 2.21 -0.69	50.47 2.40 0.00	59.88 2.25 0.00	66.36 2.12 0.00	68.01 1.92 0.00	64.95 1.71 0.00	55.18 1.66 0.00	50.26 2.12 0.00	42.71 2.03 0.00
LIGHTHSE_115KV_TB6 355974	38.97 0.31 0.00	36.35 0.29 0.00	35.14 0.17 0.00	32.36 0.13 0.00	31.46 0.25 0.00	34.25 0.24 0.00	38.29 0.23 0.00	37.08 0.07 0.00	35.99 -0.04 0.00	33.91 -0.14 0.00	33.91 -0.14 0.00	36.17 -0.15 0.00	37.22 -0.15 0.00	38.74 -0.16 0.00	42.37 -0.17 0.00	44.03 -0.13 0.00	48.02 -0.05 0.00	57.52 -0.12 0.00	64.37 0.13 0.00	66.55 0.46 0.00	63.74 0.51 0.00	54.06 0.54 0.00	48.82 0.67 0.00	41.29 0.61 0.00
LINDEN COGEN____ 23786	40.63 1.97 0.00	37.86 1.80 0.00	36.54 1.57 0.00	33.65 1.42 0.00	32.46 1.25 0.00	35.54 1.53 0.00	39.43 1.37 0.00	38.52 1.52 0.00	37.86 1.84 0.00	35.98 1.94 0.00	35.99 1.94 0.00	38.82 2.18 -0.33	40.11 2.39 -0.34	41.68 2.37 -0.41	46.04 2.60 -0.91	47.60 2.69 -0.74	50.90 2.84 0.00	59.76 2.13 0.01	66.15 1.93 0.02	67.66 1.58 0.02	64.68 1.46 0.02	55.07 1.55 0.01	50.31 2.17 0.00	42.75 2.07 0.00
LINDHRST_69_KV_BK1 356055	41.90 3.25 0.00	38.44 2.38 0.00	37.27 2.31 0.00	34.04 1.80 0.00	33.06 1.84 0.00	36.02 2.01 0.00	39.97 1.90 0.00	38.82 1.81 0.00	38.40 2.38 0.00	36.22 2.18 0.00	36.84 2.79 0.00	39.84 3.20 -0.33	41.04 3.33 -0.34	42.76 3.46 -0.41	47.32 3.87 -0.91	48.79 3.89 -0.74	51.76 3.70 0.00	60.59 3.11 0.16	67.40 3.34 0.18	68.45 2.38 0.02	64.46 1.58 0.36	55.08 1.66 0.10	50.55 2.41 0.00	44.05 3.38 0.00
LIPA_MISC_IPP 23656	41.48 2.82 0.00	37.76 1.69 0.00	36.82 1.85 0.00	33.68 1.45 0.00	32.77 1.56 0.00	35.54 1.53 0.00	39.40 1.33 0.00	38.12 1.11 0.00	37.75 1.73 0.00	35.54 1.50 0.00	36.26 2.21 0.00	39.33 2.69 -0.33	40.59 2.88 -0.34	42.26 2.96 -0.41	46.85 3.40 -0.91	48.30 3.40 -0.74	51.28 3.22 0.00	59.57 2.42 0.48	66.19 2.51 0.56	67.56 1.52 0.05	63.38 0.57 0.43	54.23 0.91 0.20	49.78 1.64 0.00	43.52 2.85 0.00
LISF____SOLAR 323691	41.44 2.78 0.00	37.90 1.84 0.00	36.92 1.96 0.00	33.75 1.52 0.00	32.84 1.62 0.00	35.61 1.60 0.00	39.47 1.41 0.00	38.15 1.15 0.00	37.79 1.76 0.00	35.61 1.57 0.00	36.33 2.28 0.00	39.38 2.73 -0.33	40.72 2.99 -0.35	42.31 2.99 -0.42	46.86 3.40 -0.92	48.36 3.45 -0.74	51.00 2.93 0.00	59.61 2.48 0.50	66.04 2.38 0.59	67.29 1.25 0.05	63.50 0.70 0.43	54.28 0.96 0.21	49.35 1.20 0.00	43.48 2.80 0.00
LITTLE FALLS____HYD 24013	38.66 0.00 0.00	36.10 0.04 0.00	35.00 0.03 0.00	32.26 0.03 0.00	31.28 0.06 0.00	34.11 0.10 0.00	38.18 0.11 0.00	37.12 0.11 0.00	36.02 0.00 0.00	34.01 -0.03 0.00	33.98 -0.07 0.00	36.21 -0.11 0.00	37.30 -0.07 0.00	38.85 -0.04 0.00	42.49 -0.04 0.00	44.12 -0.04 0.00	47.97 -0.10 0.00	57.52 -0.12 0.00	64.18 -0.06 0.00	66.09 0.00 0.00	63.30 0.06 0.00	53.68 0.16 0.00	48.39 0.24 0.00	40.92 0.24 0.00

LITTLRIV_115KV_TB1 356100	39.51 0.85 0.00	36.96 0.90 0.00	35.84 0.87 0.00	32.97 0.74 0.00	32.06 0.84 0.00	34.93 0.92 0.00	39.51 1.45 0.00	38.49 1.48 0.00	37.10 1.08 0.00	34.79 0.75 0.00	34.80 0.75 0.00	37.04 0.73 0.00	38.16 0.78 0.00	39.83 0.93 0.00	43.60 1.06 0.00	44.87 0.71 0.00	48.78 0.72 0.00	58.96 1.33 0.00	66.04 1.80 0.00	68.54 2.45 0.00	65.83 2.59 0.00	55.93 2.41 0.00	49.59 1.44 0.00	41.73 1.06 0.00
LI_NEWBRDGE___DRP 323616	41.13 2.47 0.00	37.83 1.77 0.00	36.68 1.71 0.00	33.55 1.32 0.00	32.56 1.34 0.00	35.47 1.46 0.00	39.40 1.33 0.00	38.26 1.26 0.00	37.79 1.77 0.00	35.71 1.67 0.00	36.23 2.18 0.00	39.08 2.43 -0.33	40.29 2.58 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.82 2.91 -0.74	50.71 2.64 0.00	59.54 1.90 0.00	66.11 1.86 0.00	67.15 1.06 0.00	63.43 0.57 0.38	54.26 0.75 0.01	49.73 1.59 0.00	43.24 2.56 0.00
LOCKPORT_115KV_TB60_63_64 80432	39.27 0.62 0.00	36.78 0.72 0.00	34.65 -0.31 0.00	32.17 -0.06 0.00	31.34 0.12 0.00	33.71 -0.31 0.00	36.47 -1.60 0.00	34.97 -2.04 0.00	34.83 -1.19 0.00	33.40 -0.65 0.00	33.81 -0.24 0.00	36.06 -0.25 0.00	37.30 -0.07 0.00	38.70 -0.19 0.00	42.20 -0.34 0.00	44.03 -0.13 0.00	47.92 -0.14 0.00	57.46 -0.17 0.00	63.99 -0.26 0.00	65.23 -0.86 0.00	61.59 -1.64 0.00	52.08 -1.45 0.00	48.53 0.39 0.00	41.37 0.69 0.00
LOCKPORT___CC1 323769	39.62 0.97 0.00	36.75 0.68 0.00	34.65 -0.32 0.00	32.14 -0.10 0.00	31.31 0.09 0.00	33.67 -0.34 0.00	36.47 -1.60 0.00	34.97 -2.04 0.00	34.83 -1.19 0.00	33.40 -0.65 0.00	33.81 -0.24 0.00	36.03 -0.29 0.00	37.26 -0.11 0.00	38.66 -0.23 0.00	42.49 -0.04 0.00	43.99 -0.18 0.00	47.92 -0.14 0.00	57.40 -0.23 0.00	63.66 -0.58 0.00	65.23 -0.86 0.00	61.53 -1.70 0.00	52.08 -1.44 0.00	48.68 0.53 0.00	41.49 0.81 0.00
LOCKPORT___CC2 323770	39.62 0.97 0.00	36.75 0.68 0.00	34.65 -0.32 0.00	32.14 -0.10 0.00	31.31 0.09 0.00	33.67 -0.34 0.00	36.47 -1.60 0.00	34.97 -2.04 0.00	34.83 -1.19 0.00	33.40 -0.65 0.00	33.81 -0.24 0.00	36.03 -0.29 0.00	37.26 -0.11 0.00	38.66 -0.23 0.00	42.49 -0.04 0.00	43.99 -0.18 0.00	47.92 -0.14 0.00	57.40 -0.23 0.00	63.66 -0.58 0.00	65.23 -0.86 0.00	61.53 -1.70 0.00	52.08 -1.44 0.00	48.68 0.53 0.00	41.49 0.81 0.00
LOCKPORT___CC3 323771	39.62 0.97 0.00	36.75 0.68 0.00	34.65 -0.32 0.00	32.14 -0.10 0.00	31.31 0.09 0.00	33.67 -0.34 0.00	36.47 -1.60 0.00	34.97 -2.04 0.00	34.83 -1.19 0.00	33.40 -0.65 0.00	33.81 -0.24 0.00	36.03 -0.29 0.00	37.26 -0.11 0.00	38.66 -0.23 0.00	42.49 -0.04 0.00	43.99 -0.18 0.00	47.92 -0.14 0.00	57.40 -0.23 0.00	63.66 -0.58 0.00	65.23 -0.86 0.00	61.53 -1.70 0.00	52.08 -1.44 0.00	48.68 0.53 0.00	41.49 0.81 0.00
LOCUSVLY_69_KV_BK2 55797	41.44 2.78 0.00	38.19 2.13 0.00	36.99 2.03 0.00	33.88 1.64 0.00	32.84 1.62 0.00	35.81 1.80 0.00	39.74 1.67 0.00	38.67 1.67 0.00	38.18 2.16 0.00	36.12 2.08 0.00	36.57 2.52 0.00	39.48 2.83 -0.33	40.71 2.99 -0.34	42.41 3.11 -0.41	46.89 3.45 -0.91	48.35 3.44 -0.74	51.38 3.32 0.00	60.34 2.71 0.00	67.01 2.76 0.00	68.14 2.05 0.00	64.50 1.45 0.19	55.18 1.66 0.00	50.36 2.21 0.00	43.56 2.89 0.00
LONG_LAKE_PHOENIX 24014	38.27 -0.39 0.00	35.67 -0.40 0.00	34.48 -0.49 0.00	31.81 -0.42 0.00	30.81 -0.41 0.00	33.57 -0.44 0.00	37.46 -0.61 0.00	36.30 -0.70 0.00	35.37 -0.65 0.00	33.47 -0.58 0.00	33.54 -0.51 0.00	35.77 -0.54 0.00	36.77 -0.60 0.00	38.27 -0.62 0.00	41.86 -0.68 0.00	43.55 -0.62 0.00	47.39 -0.67 0.00	56.83 -0.81 0.00	63.47 -0.77 0.00	65.30 -0.79 0.00	62.48 -0.76 0.00	52.77 -0.75 0.00	47.76 -0.39 0.00	40.39 -0.28 0.00
LOVETT___3 23632	40.40 1.74 0.00	37.58 1.51 0.00	36.40 1.43 0.00	33.52 1.29 0.00	32.37 1.15 0.00	35.37 1.36 0.00	39.25 1.18 0.00	38.19 1.18 0.00	37.43 1.40 0.00	35.54 1.50 0.00	35.55 1.50 0.00	38.30 1.67 -0.31	39.45 1.76 -0.32	41.11 1.83 -0.39	45.35 1.96 -0.86	46.85 1.99 -0.70	50.18 2.11 0.00	59.48 1.84 0.00	65.98 1.73 0.00	67.55 1.45 0.00	64.50 1.26 0.00	54.81 1.28 0.00	49.97 1.83 0.00	42.47 1.79 0.00
LOVETT___4 23642	40.40 1.74 0.00	37.58 1.51 0.00	36.40 1.43 0.00	33.52 1.29 0.00	32.37 1.15 0.00	35.37 1.36 0.00	39.25 1.18 0.00	38.19 1.18 0.00	37.43 1.40 0.00	35.54 1.50 0.00	35.55 1.50 0.00	38.30 1.67 -0.31	39.45 1.76 -0.32	41.11 1.83 -0.39	45.35 1.96 -0.86	46.85 1.99 -0.70	50.18 2.11 0.00	59.48 1.84 0.00	65.98 1.73 0.00	67.55 1.45 0.00	64.50 1.26 0.00	54.81 1.28 0.00	49.97 1.83 0.00	42.47 1.79 0.00
LOVETT___5 23593	40.40 1.74 0.00	37.58 1.51 0.00	36.40 1.43 0.00	33.52 1.29 0.00	32.37 1.15 0.00	35.37 1.36 0.00	39.25 1.18 0.00	38.19 1.18 0.00	37.43 1.40 0.00	35.54 1.50 0.00	35.55 1.50 0.00	38.30 1.67 -0.31	39.45 1.76 -0.32	41.11 1.83 -0.39	45.35 1.96 -0.86	46.85 1.99 -0.70	50.18 2.11 0.00	59.48 1.84 0.00	65.98 1.73 0.00	67.55 1.45 0.00	64.50 1.26 0.00	54.81 1.28 0.00	49.97 1.83 0.00	42.47 1.79 0.00
LOWER RAQUET___HYD 24057	39.12 0.47 0.00	36.60 0.54 0.00	35.49 0.53 0.00	32.65 0.42 0.00	31.71 0.50 0.00	34.55 0.54 0.00	39.05 0.99 0.00	38.12 1.11 0.00	36.85 0.83 0.00	34.62 0.58 0.00	34.63 0.58 0.00	36.90 0.58 0.00	38.01 0.63 0.00	39.63 0.74 0.00	43.30 0.77 0.00	44.61 0.44 0.00	48.40 0.34 0.00	58.44 0.81 0.00	65.33 1.09 0.00	67.61 1.52 0.00	64.88 1.64 0.00	55.18 1.66 0.00	49.01 0.87 0.00	41.29 0.61 0.00
LOWER___HUDSON 24059	39.93 1.27 0.00	37.25 1.19 0.00	36.12 1.15 0.00	33.29 1.06 0.00	32.21 1.00 0.00	35.13 1.12 0.00	39.13 1.06 0.00	37.89 0.89 0.00	36.70 0.68 0.00	34.62 0.58 0.00	34.49 0.44 0.00	36.37 0.44 0.38	37.42 0.45 0.40	38.88 0.47 0.48	41.98 0.51 1.07	43.92 0.62 0.87	48.69 0.62 0.00	58.55 0.92 0.00	65.33 1.09 0.00	67.28 1.19 0.00	64.50 1.26 0.00	54.59 1.07 0.00	49.39 1.25 0.00	41.86 1.18 0.00
LOWVILLE_115KV_TB2 356335	40.16 1.51 0.00	37.50 1.44 0.00	36.26 1.29 0.00	33.36 1.13 0.00	32.53 1.31 0.00	35.47 1.46 0.00	39.78 1.71 0.00	38.52 1.52 0.00	37.14 1.12 0.00	34.83 0.78 0.00	34.76 0.72 0.00	37.04 0.73 0.00	38.12 0.75 0.00	39.83 0.93 0.00	43.51 0.98 0.00	45.05 0.88 0.00	49.22 1.15 0.00	59.36 1.73 0.00	66.75 2.51 0.00	69.26 3.17 0.00	66.46 3.23 0.00	56.47 2.94 0.00	50.60 2.46 0.00	42.63 1.95 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	40.36 1.70 0.00	37.61 1.55 0.00	36.43 1.47 0.00	33.59 1.35 0.00	32.53 1.31 0.00	35.44 1.43 0.00	39.44 1.37 0.00	38.15 1.15 0.00	36.89 0.86 0.00	34.76 0.71 0.00	34.56 0.51 0.00	36.57 0.54 0.30	37.62 0.56 0.31	39.14 0.62 0.37	42.39 0.68 0.83	44.34 0.84 0.67	48.98 0.91 0.00	59.02 1.38 0.00	66.11 1.86 0.00	68.40 2.31 0.00	65.70 2.47 0.00	55.56 2.03 0.00	50.21 2.07 0.00	42.47 1.79 0.00

LUTHERNY_35_KV_BK2 355980	40.40 1.74 0.00	37.61 1.55 0.00	36.43 1.47 0.00	33.59 1.35 0.00	32.53 1.31 0.00	35.47 1.46 0.00	39.47 1.41 0.00	38.19 1.18 0.00	36.92 0.90 0.00	34.76 0.71 0.00	34.59 0.54 0.00	36.57 0.54 0.30	37.62 0.56 0.31	39.14 0.62 0.37	42.43 0.72 0.83	44.38 0.88 0.67	49.02 0.96 0.00	59.08 1.44 0.00	66.17 1.93 0.00	68.47 2.38 0.00	65.77 2.53 0.00	55.61 2.09 0.00	50.26 2.12 0.00	42.51 1.83 0.00
LWR___OSWEGATCHIE_HYD 23850	39.58 0.93 0.00	37.00 0.94 0.00	35.80 0.84 0.00	32.94 0.71 0.00	32.06 0.84 0.00	34.96 0.95 0.00	39.36 1.29 0.00	38.26 1.26 0.00	36.92 0.90 0.00	34.62 0.58 0.00	34.59 0.54 0.00	36.86 0.54 0.00	37.97 0.60 0.00	39.63 0.74 0.00	43.34 0.81 0.00	44.70 0.53 0.00	48.69 0.62 0.00	58.73 1.10 0.00	65.91 1.67 0.00	68.34 2.25 0.00	65.64 2.40 0.00	55.77 2.25 0.00	49.83 1.69 0.00	41.98 1.30 0.00
LYONS_FALL_HYD 23570	40.01 1.35 0.00	37.32 1.26 0.00	36.12 1.15 0.00	33.23 1.00 0.00	32.37 1.16 0.00	35.30 1.29 0.00	39.55 1.48 0.00	38.34 1.33 0.00	37.03 1.01 0.00	34.79 0.75 0.00	34.73 0.68 0.00	37.01 0.69 0.00	38.12 0.75 0.00	39.82 0.93 0.00	43.55 1.02 0.00	45.10 0.93 0.00	49.22 1.15 0.00	59.25 1.61 0.00	66.55 2.31 0.00	68.93 2.84 0.00	66.09 2.85 0.00	56.04 2.52 0.00	50.31 2.17 0.00	42.42 1.75 0.00
MADISON___COUNTY_LFGE 323628	39.97 1.31 0.00	37.29 1.23 0.00	36.08 1.12 0.00	33.23 1.00 0.00	32.31 1.09 0.00	35.24 1.22 0.00	39.44 1.37 0.00	38.19 1.18 0.00	36.99 0.97 0.00	34.86 0.82 0.00	34.80 0.75 0.00	37.12 0.80 0.00	38.23 0.86 0.00	39.90 1.01 0.00	43.68 1.15 0.00	45.27 1.10 0.00	49.41 1.35 0.00	59.42 1.79 0.00	66.62 2.38 0.00	68.80 2.71 0.00	65.89 2.66 0.00	55.82 2.30 0.00	50.21 2.07 0.00	42.38 1.71 0.00
MALONE___115KV_TB1 356076	39.24 0.58 0.00	36.71 0.65 0.00	35.59 0.63 0.00	32.78 0.55 0.00	31.78 0.56 0.00	34.62 0.61 0.00	39.17 1.10 0.00	38.23 1.22 0.00	37.07 1.04 0.00	34.89 0.85 0.00	34.90 0.85 0.00	37.19 0.87 0.00	38.34 0.97 0.00	39.98 1.09 0.00	43.77 1.23 0.00	45.18 1.02 0.00	49.22 1.15 0.00	59.42 1.79 0.00	66.36 2.12 0.00	68.54 2.45 0.00	65.70 2.47 0.00	55.56 2.03 0.00	49.25 1.11 0.00	41.41 0.73 0.00
MAPLEWOD_115KV_TB3 80458	39.78 1.12 0.00	37.18 1.12 0.00	36.05 1.08 0.00	33.26 1.03 0.00	32.15 0.94 0.00	35.07 1.05 0.00	38.98 0.91 0.00	37.78 0.78 0.00	36.53 0.50 0.00	34.49 0.44 0.00	34.39 0.34 0.00	36.36 0.33 0.29	37.37 0.30 0.30	38.84 0.31 0.36	42.04 0.30 0.80	43.92 0.40 0.64	48.40 0.34 0.00	58.10 0.46 0.00	64.76 0.51 0.00	66.75 0.66 0.00	63.93 0.70 0.00	54.11 0.59 0.00	48.96 0.82 0.00	41.49 0.81 0.00
MAPLE_RIDGE_WT_1 323574	38.58 -0.08 0.00	36.03 -0.04 0.00	34.93 -0.03 0.00	32.20 -0.03 0.00	31.21 0.00 0.00	34.01 0.00 0.00	38.14 0.08 0.00	37.12 0.11 0.00	36.09 0.07 0.00	34.08 0.03 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.37 0.00 0.00	38.93 0.04 0.00	42.58 0.04 0.00	44.17 0.00 0.00	48.06 0.00 0.00	57.69 0.06 0.00	64.31 0.06 0.00	66.22 0.13 0.00	63.37 0.13 0.00	53.68 0.16 0.00	48.14 0.00 0.00	40.64 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	38.58 -0.08 0.00	36.03 -0.04 0.00	34.93 -0.03 0.00	32.20 -0.03 0.00	31.21 0.00 0.00	34.01 0.00 0.00	38.14 0.08 0.00	37.12 0.11 0.00	36.09 0.07 0.00	34.08 0.03 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.37 0.00 0.00	38.93 0.04 0.00	42.58 0.04 0.00	44.17 0.00 0.00	48.06 0.00 0.00	57.69 0.06 0.00	64.31 0.06 0.00	66.22 0.13 0.00	63.37 0.13 0.00	53.68 0.16 0.00	48.14 0.00 0.00	40.64 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	38.69 0.04 0.00	36.21 0.14 0.00	35.14 0.18 0.00	32.36 0.13 0.00	31.37 0.16 0.00	34.18 0.17 0.00	38.56 0.49 0.00	37.63 0.63 0.00	36.56 0.54 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.82 0.45 0.00	39.40 0.50 0.00	43.09 0.55 0.00	44.61 0.44 0.00	48.59 0.53 0.00	58.55 0.92 0.00	65.33 1.09 0.00	67.34 1.25 0.00	64.50 1.26 0.00	54.54 1.01 0.00	48.44 0.29 0.00	40.80 0.12 0.00
MARSHVLE_115KV_TB1 80742	41.52 2.86 0.00	38.66 2.60 0.00	37.45 2.48 0.00	34.52 2.29 0.00	33.49 2.28 0.00	36.53 2.52 0.00	40.39 2.32 0.00	38.49 1.48 0.00	37.10 1.08 0.00	34.96 0.92 0.00	35.00 0.95 0.00	36.94 0.80 0.17	38.05 0.86 0.18	39.57 0.89 0.22	42.99 0.94 0.48	44.93 1.15 0.39	49.36 1.30 0.00	60.00 2.36 0.00	67.52 3.28 0.00	70.92 4.82 0.00	68.49 5.25 0.00	57.86 4.34 0.00	52.19 4.04 0.00	43.97 3.29 0.00
MARSH_HILL_WT_PWR 323713	40.32 1.66 0.00	37.36 1.30 0.00	35.63 0.66 0.00	32.91 0.68 0.00	31.99 0.78 0.00	34.62 0.61 0.00	38.18 0.11 0.00	36.52 -0.48 0.00	35.73 -0.29 0.00	34.01 -0.03 0.00	34.25 0.21 0.00	36.57 0.26 0.00	37.78 0.41 0.00	39.24 0.35 0.00	43.09 0.55 0.00	44.65 0.49 0.00	49.02 0.96 0.00	58.61 0.98 0.00	65.46 1.22 0.00	67.68 1.58 0.00	64.50 1.26 0.00	54.38 0.85 0.00	50.12 1.97 0.00	42.63 1.95 0.00
MCINTYRE_115KV_TB2 80467	39.58 0.93 0.00	37.07 1.01 0.00	35.91 0.94 0.00	33.04 0.81 0.00	32.12 0.91 0.00	35.00 0.99 0.00	39.59 1.52 0.00	38.52 1.52 0.00	37.10 1.08 0.00	34.79 0.75 0.00	34.76 0.72 0.00	37.01 0.69 0.00	38.12 0.75 0.00	39.75 0.86 0.00	43.51 0.98 0.00	44.87 0.71 0.00	48.88 0.82 0.00	59.13 1.50 0.00	66.30 2.06 0.00	68.87 2.78 0.00	66.21 2.97 0.00	56.14 2.62 0.00	49.69 1.54 0.00	41.82 1.14 0.00
MECO_____69_KV_BK1 80468	41.79 3.13 0.00	38.91 2.85 0.00	37.66 2.69 0.00	34.71 2.48 0.00	33.68 2.47 0.00	36.77 2.75 0.00	40.77 2.70 0.00	39.04 2.04 0.00	37.57 1.55 0.00	35.34 1.29 0.00	35.34 1.29 0.00	37.33 1.20 0.19	38.41 1.23 0.20	39.97 1.32 0.24	43.45 1.45 0.53	45.46 1.72 0.43	50.03 1.97 0.00	60.80 3.17 0.00	68.35 4.11 0.00	71.58 5.49 0.00	68.99 5.75 0.00	58.23 4.71 0.00	52.53 4.38 0.00	44.21 3.54 0.00
MENANDS___115KV_TB5 355628	39.54 0.89 0.00	37.00 0.94 0.00	35.91 0.94 0.00	33.13 0.90 0.00	32.03 0.81 0.00	34.90 0.88 0.00	38.83 0.76 0.00	37.64 0.63 0.00	36.38 0.36 0.00	34.32 0.27 0.00	34.25 0.20 0.00	36.22 0.18 0.28	37.19 0.11 0.30	38.65 0.12 0.36	41.83 0.09 0.80	43.66 0.13 0.64	48.11 0.05 0.00	57.69 0.06 0.00	64.24 0.00 0.00	66.16 0.07 0.00	63.36 0.13 0.00	53.68 0.16 0.00	48.58 0.43 0.00	41.16 0.49 0.00
MG INDUSTRY___DRP 24185	39.54 0.89 0.00	36.96 0.90 0.00	35.94 0.98 0.00	33.17 0.93 0.00	32.06 0.84 0.00	34.93 0.92 0.00	38.79 0.72 0.00	37.52 0.52 0.00	36.27 0.25 0.00	34.21 0.17 0.00	34.15 0.10 0.00	36.27 0.11 0.16	37.10 -0.11 0.17	37.84 -0.86 0.20	41.12 -0.98 0.44	42.88 -0.93 0.35	46.31 -1.11 0.65	53.06 -1.33 3.25	57.74 -1.48 5.03	64.75 -1.32 0.02	62.02 -1.20 0.02	52.54 -0.96 0.02	47.55 -0.58 0.02	40.31 -0.37 0.00

MID___OSWEGATCHIE_HYD 23849	39.58 0.93 0.00	37.00 0.94 0.00	35.80 0.84 0.00	32.94 0.71 0.00	32.06 0.84 0.00	34.96 0.95 0.00	39.36 1.29 0.00	38.26 1.26 0.00	36.92 0.90 0.00	34.62 0.58 0.00	34.59 0.54 0.00	36.86 0.54 0.00	37.97 0.60 0.00	39.63 0.74 0.00	43.34 0.81 0.00	44.70 0.53 0.00	48.69 0.62 0.00	58.73 1.10 0.00	65.91 1.67 0.00	68.34 2.25 0.00	65.64 2.40 0.00	55.77 2.25 0.00	49.83 1.69 0.00	41.98 1.30 0.00
MID___RAQUETTE_HYD 23851	39.12 0.46 0.00	36.60 0.54 0.00	35.49 0.52 0.00	32.65 0.42 0.00	31.71 0.50 0.00	34.56 0.54 0.00	39.06 0.99 0.00	38.12 1.11 0.00	36.85 0.83 0.00	34.62 0.58 0.00	34.63 0.58 0.00	36.90 0.58 0.00	38.01 0.64 0.00	39.63 0.74 0.00	43.39 0.85 0.00	44.61 0.44 0.00	48.40 0.34 0.00	58.44 0.81 0.00	65.34 1.09 0.00	67.61 1.52 0.00	64.88 1.64 0.00	55.18 1.66 0.00	49.01 0.87 0.00	41.29 0.61 0.00
MILLIKEN___1 23584	39.62 0.97 0.00	36.93 0.87 0.00	35.66 0.70 0.00	32.88 0.64 0.00	31.90 0.69 0.00	34.73 0.71 0.00	38.71 0.65 0.00	37.38 0.37 0.00	36.38 0.36 0.00	34.42 0.37 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.78 0.41 0.00	39.32 0.43 0.00	43.00 0.47 0.00	44.74 0.57 0.00	48.83 0.77 0.00	58.73 1.10 0.00	65.85 1.61 0.00	67.88 1.78 0.00	64.95 1.71 0.00	54.81 1.28 0.00	49.73 1.59 0.00	41.98 1.30 0.00
MILLIKEN___2 23585	39.62 0.97 0.00	36.93 0.87 0.00	35.66 0.70 0.00	32.88 0.64 0.00	31.90 0.69 0.00	34.73 0.71 0.00	38.71 0.65 0.00	37.38 0.37 0.00	36.38 0.36 0.00	34.42 0.37 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.78 0.41 0.00	39.32 0.43 0.00	43.00 0.47 0.00	44.74 0.57 0.00	48.83 0.77 0.00	58.73 1.10 0.00	65.85 1.61 0.00	67.88 1.78 0.00	64.95 1.71 0.00	54.81 1.28 0.00	49.73 1.59 0.00	41.98 1.30 0.00
MILLIKEN___DIESEL 23629	39.62 0.97 0.00	36.93 0.87 0.00	35.66 0.70 0.00	32.88 0.64 0.00	31.90 0.69 0.00	34.73 0.71 0.00	38.71 0.65 0.00	37.38 0.37 0.00	36.38 0.36 0.00	34.42 0.37 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.78 0.41 0.00	39.32 0.43 0.00	43.00 0.47 0.00	44.74 0.57 0.00	48.83 0.77 0.00	58.73 1.10 0.00	65.85 1.61 0.00	67.88 1.78 0.00	64.95 1.71 0.00	54.81 1.28 0.00	49.73 1.59 0.00	41.98 1.30 0.00
MILLSEAT___LFGE 323607	40.16 1.51 0.00	37.25 1.19 0.00	35.24 0.28 0.00	32.65 0.42 0.00	31.81 0.59 0.00	34.25 0.24 0.00	37.23 -0.84 0.00	35.82 -1.19 0.00	35.63 -0.40 0.00	34.01 -0.03 0.00	34.39 0.34 0.00	36.72 0.40 0.00	37.97 0.60 0.00	39.40 0.50 0.00	43.39 0.85 0.00	44.87 0.70 0.00	48.88 0.82 0.00	58.79 1.15 0.00	65.46 1.22 0.00	67.15 1.05 0.00	63.56 0.32 0.00	53.74 0.21 0.00	49.93 1.78 0.00	42.38 1.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	40.55 1.89 0.00	37.68 1.62 0.00	36.50 1.54 0.00	33.62 1.39 0.00	32.46 1.25 0.00	35.47 1.46 0.00	39.36 1.29 0.00	38.34 1.33 0.00	37.57 1.55 0.00	35.64 1.60 0.00	35.65 1.60 0.00	38.42 1.78 -0.32	39.62 1.91 -0.34	41.28 1.98 -0.41	45.61 2.17 -0.90	47.11 2.21 -0.73	50.37 2.31 0.00	59.71 2.07 0.00	66.23 1.99 0.00	67.81 1.72 0.00	64.76 1.52 0.00	55.02 1.50 0.00	50.17 2.02 0.00	42.63 1.95 0.00
MILLWOOD_13_KV_LOAD 356217	40.63 1.97 0.00	37.79 1.73 0.00	36.57 1.61 0.00	33.68 1.45 0.00	32.53 1.31 0.00	35.58 1.56 0.00	39.47 1.41 0.00	38.41 1.41 0.00	37.64 1.62 0.00	35.71 1.67 0.00	35.72 1.67 0.00	38.49 1.85 -0.32	39.69 1.98 -0.34	41.36 2.06 -0.41	45.69 2.25 -0.90	47.24 2.34 -0.73	50.51 2.45 0.00	59.94 2.31 0.00	66.49 2.25 0.00	68.07 1.98 0.00	64.95 1.71 0.00	55.18 1.66 0.00	50.31 2.17 0.00	42.71 2.03 0.00
MODEL_CITY_ENERGY 24167	39.43 0.77 0.00	36.57 0.50 0.00	34.51 -0.46 0.00	32.01 -0.22 0.00	31.18 -0.03 0.00	33.54 -0.48 0.00	36.16 -1.90 0.00	34.60 -2.40 0.00	34.51 -1.51 0.00	33.09 -0.95 0.00	33.50 -0.55 0.00	35.70 -0.62 0.00	36.93 -0.45 0.00	38.31 -0.58 0.00	42.11 -0.43 0.00	43.59 -0.58 0.00	47.39 -0.67 0.00	56.77 -0.86 0.00	62.89 -1.35 0.00	64.44 -1.65 0.00	60.77 -2.47 0.00	51.43 -2.09 0.00	48.14 0.00 0.00	41.08 0.41 0.00
MODERN_LFGE___ 323580	39.43 0.77 0.00	36.57 0.50 0.00	34.51 -0.46 0.00	32.01 -0.22 0.00	31.18 -0.03 0.00	33.54 -0.48 0.00	36.16 -1.90 0.00	34.60 -2.40 0.00	34.51 -1.51 0.00	33.09 -0.95 0.00	33.50 -0.55 0.00	35.70 -0.62 0.00	36.93 -0.45 0.00	38.31 -0.58 0.00	42.11 -0.43 0.00	43.59 -0.58 0.00	47.39 -0.67 0.00	56.77 -0.86 0.00	62.89 -1.35 0.00	64.44 -1.65 0.00	60.77 -2.47 0.00	51.43 -2.09 0.00	48.14 0.00 0.00	41.08 0.41 0.00
MOHAWK_PAPER___DRP 24187	39.78 1.12 0.00	37.18 1.12 0.00	36.05 1.08 0.00	33.26 1.03 0.00	32.15 0.94 0.00	35.07 1.05 0.00	38.98 0.91 0.00	37.78 0.78 0.00	36.53 0.50 0.00	34.49 0.44 0.00	34.39 0.34 0.00	36.36 0.33 0.29	37.37 0.30 0.30	38.84 0.31 0.36	42.04 0.30 0.80	43.92 0.40 0.64	48.40 0.34 0.00	58.10 0.46 0.00	64.76 0.51 0.00	66.75 0.66 0.00	63.93 0.70 0.00	54.11 0.59 0.00	48.96 0.82 0.00	41.49 0.81 0.00
MOHICAN___35_KV_115KV_LD 80490	40.36 1.70 0.00	37.54 1.48 0.00	36.36 1.40 0.00	33.49 1.26 0.00	32.46 1.25 0.00	35.41 1.39 0.00	39.40 1.33 0.00	38.08 1.07 0.00	36.74 0.72 0.00	34.55 0.51 0.00	34.18 0.14 0.00	36.17 0.15 0.29	37.18 0.11 0.31	38.72 0.19 0.37	41.98 0.26 0.81	43.91 0.40 0.66	48.50 0.43 0.00	58.61 0.98 0.00	66.04 1.80 0.00	68.60 2.51 0.00	66.15 2.91 0.00	55.82 2.30 0.00	50.36 2.21 0.00	42.59 1.91 0.00
MONGAUP___HYD 23641	40.40 1.74 0.00	37.65 1.58 0.00	36.40 1.43 0.00	33.49 1.26 0.00	32.34 1.12 0.00	35.34 1.33 0.00	39.25 1.18 0.00	38.04 1.03 0.00	37.07 1.05 0.00	35.03 0.99 0.00	34.97 0.92 0.00	37.57 0.98 -0.27	38.74 1.08 -0.29	40.40 1.17 -0.34	44.44 1.15 -0.76	46.10 1.32 -0.61	49.74 1.68 0.00	59.42 1.79 0.00	66.11 1.86 0.00	68.14 2.05 0.00	65.20 1.96 0.00	55.29 1.76 0.00	50.17 2.02 0.00	42.59 1.91 0.00
MONTAUK___DIESEL 23721	42.33 3.67 0.00	38.26 2.20 0.00	37.38 2.41 0.00	34.20 1.97 0.00	33.40 2.18 0.00	36.26 2.24 0.00	40.01 1.94 0.00	38.75 1.74 0.00	38.72 2.70 0.00	36.60 2.55 0.00	37.66 3.61 0.00	41.00 4.36 -0.33	42.43 4.71 -0.34	44.16 4.86 -0.41	49.06 5.61 -0.91	50.69 5.79 -0.74	53.98 5.91 0.00	62.91 5.76 0.49	69.84 6.17 0.57	70.87 4.82 0.05	65.97 3.16 0.43	56.37 3.05 0.20	51.42 3.27 0.00	45.03 4.35 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.16 1.51 0.00	37.54 1.48 0.00	35.42 0.45 0.00	32.81 0.58 0.00	31.96 0.75 0.00	34.45 0.44 0.00	37.65 -0.42 0.00	36.30 -0.70 0.00	36.13 0.11 0.00	34.83 0.78 0.00	35.41 1.36 0.00	37.77 1.45 0.00	39.09 1.72 0.00	40.68 1.79 0.00	44.28 1.74 0.00	46.29 2.12 0.00	50.32 2.26 0.00	59.88 2.25 0.00	66.62 2.38 0.00	67.94 1.85 0.00	63.87 0.63 0.00	54.11 0.59 0.00	50.21 2.07 0.00	42.71 2.03 0.00

MORRIS_RIDGE___SOLAR 323848	39.86 1.20 0.00	36.96 0.90 0.00	35.14 0.18 0.00	32.49 0.26 0.00	31.59 0.38 0.00	34.15 0.14 0.00	37.42 -0.65 0.00	35.68 -1.33 0.00	34.98 -1.05 0.00	33.36 -0.68 0.00	33.60 -0.44 0.00	35.88 -0.43 0.00	37.11 -0.26 0.00	38.50 -0.39 0.00	42.24 -0.30 0.00	43.77 -0.40 0.00	48.11 0.05 0.00	57.58 -0.06 0.00	64.12 -0.13 0.00	66.22 0.13 0.00	63.11 -0.13 0.00	53.31 -0.21 0.00	49.30 1.15 0.00	41.94 1.26 0.00
MORTIMER_115KV_TB3 55949	39.12 0.46 0.00	36.53 0.47 0.00	34.86 -0.10 0.00	32.23 0.00 0.00	31.34 0.12 0.00	33.91 -0.10 0.00	37.49 -0.57 0.00	36.38 -0.63 0.00	35.88 -0.14 0.00	34.11 0.07 0.00	34.35 0.31 0.00	36.72 0.40 0.00	37.90 0.52 0.00	39.36 0.47 0.00	43.05 0.51 0.00	44.78 0.62 0.00	48.78 0.72 0.00	58.61 0.98 0.00	65.53 1.28 0.00	67.15 1.06 0.00	63.93 0.70 0.00	53.95 0.43 0.00	49.35 1.20 0.00	41.69 1.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.86 2.20 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.63 1.63 0.00	37.93 1.91 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.90 2.25 -0.33	40.11 2.39 -0.34	41.79 2.49 -0.41	46.17 2.72 -0.91	47.68 2.78 -0.74	51.00 2.93 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.60 2.46 0.00	42.95 2.28 0.00
MUNSVILLE_WIND_PWR 323609	41.94 3.28 0.00	39.13 3.06 0.00	37.73 2.76 0.00	34.75 2.52 0.00	33.93 2.71 0.00	36.94 2.93 0.00	41.26 3.20 0.00	39.63 2.63 0.00	38.26 2.23 0.00	35.88 1.84 0.00	35.78 1.74 0.00	38.10 1.78 0.00	39.28 1.90 0.00	41.07 2.18 0.00	45.04 2.51 0.00	46.77 2.61 0.00	51.28 3.22 0.00	61.96 4.32 0.00	69.83 5.59 0.00	72.50 6.41 0.00	69.37 6.13 0.00	58.66 5.14 0.00	53.06 4.91 0.00	44.74 4.07 0.00
N SALMON___HYD 24042	39.24 0.58 0.00	36.71 0.65 0.00	35.60 0.63 0.00	32.78 0.55 0.00	31.78 0.56 0.00	34.62 0.61 0.00	39.17 1.10 0.00	38.23 1.22 0.00	37.07 1.05 0.00	34.90 0.85 0.00	34.90 0.85 0.00	37.19 0.87 0.00	38.34 0.97 0.00	39.98 1.09 0.00	43.72 1.19 0.00	45.18 1.02 0.00	49.22 1.15 0.00	59.42 1.79 0.00	66.36 2.12 0.00	68.54 2.45 0.00	65.70 2.46 0.00	55.56 2.03 0.00	49.20 1.06 0.00	41.41 0.73 0.00
N.AKRON__115KV_KNAPP 355671	39.70 1.04 0.00	37.14 1.08 0.00	35.07 0.10 0.00	32.52 0.29 0.00	31.71 0.50 0.00	34.11 0.10 0.00	37.04 -1.03 0.00	35.60 -1.41 0.00	35.41 -0.61 0.00	33.87 -0.17 0.00	34.25 0.20 0.00	36.54 0.22 0.00	37.82 0.45 0.00	39.24 0.35 0.00	42.83 0.30 0.00	44.70 0.53 0.00	48.64 0.58 0.00	58.44 0.81 0.00	65.27 1.03 0.00	66.62 0.53 0.00	62.99 -0.25 0.00	53.25 -0.27 0.00	49.49 1.35 0.00	42.06 1.38 0.00
N.E_GEN_SANDY PD 24062	39.89 1.24 0.00	37.95 1.23 -0.66	35.42 1.12 0.66	33.26 1.03 0.00	32.18 0.97 0.00	35.10 1.09 0.00	39.02 0.95 0.00	37.89 0.89 0.00	36.81 0.79 0.00	34.76 0.72 0.00	34.66 0.61 0.00	34.80 0.62 2.14	35.80 0.67 2.25	36.90 0.70 2.69	37.25 0.68 5.96	40.10 0.75 4.82	48.88 0.82 0.00	58.50 0.87 0.00	65.08 0.83 0.00	66.82 0.73 0.00	64.00 0.76 0.00	57.27 0.69 -3.06	46.15 1.06 3.06	41.77 1.10 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	40.51 1.86 0.00	37.65 1.59 0.00	36.47 1.50 0.00	33.55 1.32 0.00	32.40 1.19 0.00	35.41 1.39 0.00	39.28 1.22 0.00	38.23 1.22 0.00	37.46 1.44 0.00	35.58 1.53 0.00	35.58 1.53 0.00	38.33 1.71 -0.31	39.49 1.79 -0.32	41.14 1.87 -0.39	45.39 2.00 -0.85	46.93 2.08 -0.69	50.27 2.21 0.00	59.65 2.02 0.00	66.11 1.86 0.00	67.74 1.65 0.00	64.69 1.45 0.00	54.97 1.45 0.00	50.07 1.93 0.00	42.55 1.87 0.00
N.QUEENS_27_KV_LOAD 356247	41.28 2.63 0.00	38.26 2.20 0.00	36.78 1.82 0.00	33.91 1.68 0.00	32.65 1.44 0.00	35.51 1.50 0.00	39.32 1.26 0.00	38.45 1.44 0.00	37.86 1.84 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.97 2.32 -0.33	40.22 2.50 -0.34	41.95 2.64 -0.41	46.42 2.98 -0.91	47.91 3.00 -0.74	51.19 3.12 0.00	59.59 1.96 0.01	66.23 1.99 0.00	67.81 1.72 0.00	64.76 1.52 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.52 2.85 0.00
N.TROY___115KV_TB1 355778	39.97 1.31 0.00	37.25 1.19 0.00	36.12 1.15 0.00	33.30 1.06 0.00	32.21 1.00 0.00	35.13 1.12 0.00	39.13 1.07 0.00	37.89 0.89 0.00	36.71 0.68 0.00	34.62 0.58 0.00	34.49 0.44 0.00	36.37 0.44 0.38	37.42 0.45 0.40	38.87 0.47 0.48	41.97 0.51 1.07	43.92 0.62 0.87	48.69 0.62 0.00	58.56 0.92 0.00	65.27 1.03 0.00	67.35 1.26 0.00	64.50 1.26 0.00	54.65 1.12 0.00	49.40 1.25 0.00	41.86 1.18 0.00
NARROWS_GT1_1 24228	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT1_2 24229	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT1_3 24230	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT1_4 24231	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT1_5 24232	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01

NARROWS_GT1_6 24233	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT1_7 24234	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT1_8 24235	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT2_1 24236	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT2_2 24237	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT2_3 24238	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT2_4 24239	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT2_5 24240	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT2_6 24241	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT2_7 24242	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NARROWS_GT2_8 24243	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	40.12 1.47 0.00	37.50 1.44 0.00	36.40 1.43 0.00	33.55 1.32 0.00	32.43 1.22 0.00	35.34 1.33 0.00	39.28 1.22 0.00	37.93 0.93 0.00	36.42 0.40 0.00	34.18 0.14 0.00	34.05 0.00 0.00	36.43 0.22 0.11	37.22 -0.04 0.11	38.64 -0.12 0.14	42.06 -0.17 0.30	43.92 0.00 0.24	47.29 0.05 0.82	54.02 0.52 4.13	58.61 0.77 6.40	67.19 1.12 0.02	64.16 0.95 0.02	54.36 0.86 0.02	49.18 1.06 0.02	41.53 0.85 0.00
NCHELSEA_115KV_TR2 355582	40.67 2.01 0.00	37.79 1.73 0.00	36.61 1.64 0.00	33.68 1.45 0.00	32.53 1.31 0.00	35.54 1.53 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.46 1.44 0.00	35.37 1.33 0.00	35.31 1.26 0.00	37.96 1.38 -0.26	39.14 1.49 -0.27	40.85 1.63 -0.33	45.00 1.74 -0.72	46.65 1.90 -0.58	50.23 2.16 0.00	59.88 2.25 0.00	66.49 2.25 0.00	68.34 2.25 0.00	65.26 2.02 0.00	55.40 1.87 0.00	50.41 2.26 0.00	42.79 2.12 0.00
NEG CAPITAL___MECHNVIL 23645	40.44 1.78 0.00	37.69 1.62 0.00	36.50 1.54 0.00	33.65 1.42 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.55 1.48 0.00	38.27 1.26 0.00	36.99 0.97 0.00	34.86 0.82 0.00	34.69 0.65 0.00	36.68 0.69 0.33	37.74 0.71 0.35	39.25 0.78 0.41	42.47 0.85 0.92	44.48 1.06 0.74	49.22 1.15 0.00	59.31 1.67 0.00	66.36 2.12 0.00	68.60 2.51 0.00	65.89 2.66 0.00	55.72 2.20 0.00	50.31 2.17 0.00	42.55 1.87 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.62 -0.04 0.00	35.88 -0.18 0.00	34.37 -0.59 0.00	31.75 -0.48 0.00	30.84 -0.37 0.00	33.43 -0.58 0.00	37.12 -0.95 0.00	36.01 -1.00 0.00	35.41 -0.61 0.00	33.60 -0.44 0.00	33.81 -0.24 0.00	36.14 -0.18 0.00	37.26 -0.11 0.00	38.70 -0.19 0.00	42.58 0.04 0.00	44.08 -0.09 0.00	48.02 -0.05 0.00	57.75 0.12 0.00	64.50 0.26 0.00	66.29 0.20 0.00	63.18 -0.06 0.00	53.36 -0.16 0.00	48.72 0.58 0.00	41.08 0.41 0.00

NEG CENTRAL___DRP 24199	39.27 0.62 0.00	36.60 0.54 0.00	35.21 0.24 0.00	32.52 0.29 0.00	31.53 0.31 0.00	34.28 0.27 0.00	38.18 0.11 0.00	37.34 0.33 0.00	36.42 0.40 0.00	34.49 0.44 0.00	34.66 0.61 0.00	36.97 0.65 0.00	38.01 0.64 0.00	39.59 0.70 0.00	43.34 0.81 0.00	44.61 0.44 0.00	48.69 0.62 0.00	58.38 0.75 0.00	65.40 1.16 0.00	67.28 1.19 0.00	64.25 1.01 0.00	54.22 0.70 0.00	49.40 1.25 0.00	41.73 1.06 0.00
NEG CENTRAL___INDECK 23768	40.86 2.20 0.00	37.90 1.84 0.00	36.12 1.15 0.00	33.39 1.16 0.00	32.46 1.25 0.00	35.13 1.12 0.00	38.79 0.72 0.00	37.30 0.29 0.00	36.46 0.43 0.00	34.49 0.44 0.00	34.63 0.58 0.00	36.97 0.65 0.00	38.12 0.75 0.00	39.63 0.74 0.00	43.55 1.02 0.00	45.22 1.06 0.00	49.56 1.49 0.00	57.81 0.17 0.00	65.02 0.77 0.00	67.54 1.45 0.00	64.63 1.39 0.00	54.59 1.07 0.00	50.07 1.93 0.00	43.52 2.85 0.00
NEG CENTRAL___SENECA 23627	39.58 0.93 0.00	36.89 0.83 0.00	35.39 0.42 0.00	32.68 0.45 0.00	31.71 0.50 0.00	34.49 0.48 0.00	38.33 0.27 0.00	37.12 0.11 0.00	36.31 0.29 0.00	34.45 0.41 0.00	34.63 0.58 0.00	36.94 0.62 0.00	38.05 0.67 0.00	39.59 0.70 0.00	43.30 0.77 0.00	44.92 0.75 0.00	49.02 0.96 0.00	58.73 1.10 0.00	65.79 1.54 0.00	67.68 1.59 0.00	64.63 1.39 0.00	54.49 0.96 0.00	49.83 1.69 0.00	42.10 1.42 0.00
NEG CENTRAL___STATE_STREET 24147	39.16 0.50 0.00	36.49 0.43 0.00	35.21 0.24 0.00	32.49 0.26 0.00	31.50 0.28 0.00	34.28 0.27 0.00	38.29 0.23 0.00	37.01 0.00 0.00	36.06 0.04 0.00	34.15 0.10 0.00	34.25 0.20 0.00	36.54 0.22 0.00	37.60 0.22 0.00	39.13 0.23 0.00	42.83 0.30 0.00	44.52 0.35 0.00	48.54 0.48 0.00	58.33 0.69 0.00	65.34 1.09 0.00	67.22 1.12 0.00	64.38 1.14 0.00	54.27 0.75 0.00	49.25 1.11 0.00	41.53 0.85 0.00
NEG MILLWOOD___DRP 24198	40.74 2.09 0.00	37.90 1.84 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	37.68 1.66 0.00	35.58 1.53 0.00	35.55 1.50 0.00	38.24 1.63 -0.29	39.47 1.79 -0.30	41.24 1.98 -0.37	45.47 2.13 -0.81	47.07 2.25 -0.65	50.51 2.45 0.00	60.29 2.65 0.00	66.94 2.70 0.00	68.67 2.58 0.00	65.45 2.21 0.00	55.56 2.03 0.00	50.55 2.41 0.00	42.95 2.28 0.00
NEG NORTH_FLCN_SEA 23793	39.70 1.04 0.00	37.18 1.12 0.00	36.05 1.08 0.00	33.17 0.93 0.00	32.15 0.94 0.00	35.03 1.02 0.00	39.55 1.48 0.00	38.60 1.59 0.00	37.50 1.48 0.00	35.34 1.29 0.00	35.38 1.33 0.00	37.70 1.38 0.00	38.87 1.49 0.00	40.49 1.59 0.00	44.36 1.83 0.00	45.80 1.63 0.00	49.99 1.92 0.00	60.29 2.65 0.00	67.26 3.02 0.00	69.40 3.30 0.00	66.53 3.29 0.00	56.14 2.62 0.00	49.78 1.64 0.00	41.90 1.22 0.00
NEG NORTH_KES_CHATEGAY 23792	38.77 0.12 0.00	36.28 0.22 0.00	35.18 0.21 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.22 0.20 0.00	38.64 0.57 0.00	37.71 0.70 0.00	36.60 0.58 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.82 0.45 0.00	39.40 0.51 0.00	43.13 0.60 0.00	44.61 0.44 0.00	48.64 0.58 0.00	58.61 0.98 0.00	65.46 1.22 0.00	67.55 1.45 0.00	64.76 1.52 0.00	54.70 1.18 0.00	48.53 0.39 0.00	40.84 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	39.74 1.08 0.00	37.18 1.12 0.00	36.05 1.08 0.00	33.17 0.93 0.00	32.18 0.97 0.00	35.03 1.02 0.00	39.55 1.48 0.00	38.60 1.59 0.00	37.50 1.48 0.00	35.30 1.26 0.00	35.31 1.26 0.00	37.63 1.31 0.00	38.79 1.42 0.00	40.45 1.56 0.00	44.32 1.79 0.00	45.76 1.59 0.00	49.94 1.87 0.00	60.29 2.65 0.00	67.33 3.08 0.00	69.53 3.44 0.00	66.65 3.41 0.00	56.20 2.68 0.00	49.83 1.69 0.00	41.90 1.22 0.00
NEG NORTH___LWR_SARANAC 23913	39.74 1.08 0.00	37.18 1.12 0.00	36.05 1.08 0.00	33.17 0.93 0.00	32.18 0.97 0.00	35.03 1.02 0.00	39.55 1.48 0.00	38.60 1.59 0.00	37.50 1.48 0.00	35.30 1.26 0.00	35.31 1.26 0.00	37.63 1.31 0.00	38.79 1.42 0.00	40.45 1.56 0.00	44.32 1.79 0.00	45.76 1.59 0.00	49.94 1.87 0.00	60.29 2.65 0.00	67.33 3.08 0.00	69.53 3.44 0.00	66.65 3.41 0.00	56.20 2.68 0.00	49.83 1.69 0.00	41.90 1.22 0.00
NEG NORTH___PLATTSBURG 23628	39.74 1.08 0.00	37.18 1.12 0.00	36.05 1.09 0.00	33.17 0.94 0.00	32.18 0.97 0.00	35.03 1.02 0.00	39.55 1.48 0.00	38.60 1.59 0.00	37.50 1.48 0.00	35.30 1.26 0.00	35.31 1.26 0.00	37.62 1.31 0.00	38.79 1.42 0.00	40.45 1.56 0.00	44.28 1.74 0.00	45.75 1.59 0.00	49.94 1.87 0.00	60.34 2.71 0.00	67.33 3.08 0.00	69.53 3.43 0.00	66.65 3.41 0.00	56.20 2.67 0.00	49.83 1.68 0.00	41.90 1.22 0.00
NEG WEST_LEA_LOCKPORT 23791	39.24 0.58 0.00	36.71 0.65 0.00	34.62 -0.35 0.00	32.14 -0.10 0.00	31.31 0.09 0.00	33.67 -0.34 0.00	36.43 -1.64 0.00	34.97 -2.04 0.00	34.80 -1.22 0.00	33.40 -0.65 0.00	33.81 -0.24 0.00	36.03 -0.29 0.00	37.26 -0.11 0.00	38.66 -0.23 0.00	42.20 -0.34 0.00	43.99 -0.18 0.00	47.92 -0.14 0.00	57.40 -0.23 0.00	63.92 -0.32 0.00	65.23 -0.86 0.00	61.53 -1.71 0.00	52.02 -1.50 0.00	48.53 0.39 0.00	41.37 0.69 0.00
NEG WEST___LANCASTR 23811	38.85 0.19 0.00	36.31 0.25 0.00	34.27 -0.70 0.00	31.75 -0.48 0.00	30.90 -0.31 0.00	33.26 -0.75 0.00	36.31 -1.75 0.00	34.67 -2.33 0.00	34.51 -1.51 0.00	33.26 -0.78 0.00	33.74 -0.31 0.00	35.99 -0.33 0.00	37.22 -0.15 0.00	38.70 -0.19 0.00	42.20 -0.34 0.00	44.08 -0.09 0.00	47.97 -0.10 0.00	57.40 -0.23 0.00	63.73 -0.51 0.00	64.97 -1.12 0.00	61.28 -1.96 0.00	51.81 -1.71 0.00	48.14 0.00 0.00	41.20 0.53 0.00
NEG_PENN_ALLEGHNY 23528	39.55 0.89 0.00	36.78 0.72 0.00	35.49 0.53 0.00	32.72 0.48 0.00	31.71 0.50 0.00	34.49 0.48 0.00	38.30 0.23 0.00	36.97 -0.04 0.00	36.17 0.14 0.00	34.35 0.31 0.00	34.46 0.41 0.00	36.76 0.44 0.00	37.86 0.48 0.00	39.36 0.47 0.00	43.13 0.60 0.00	44.78 0.62 0.00	48.83 0.77 0.00	58.50 0.87 0.00	65.21 0.97 0.00	67.08 0.99 0.00	64.06 0.82 0.00	54.11 0.59 0.00	49.25 1.11 0.00	41.73 1.06 0.00
NEG___GEN_MONROE 24207	39.31 0.66 0.00	36.71 0.65 0.00	34.97 0.00 0.00	32.36 0.13 0.00	31.43 0.22 0.00	34.01 0.00 0.00	37.57 -0.49 0.00	36.34 -0.67 0.00	35.88 -0.14 0.00	34.11 0.07 0.00	34.39 0.34 0.00	36.75 0.44 0.00	37.93 0.56 0.00	39.40 0.51 0.00	43.09 0.55 0.00	44.92 0.75 0.00	48.83 0.77 0.00	58.67 1.04 0.00	65.72 1.48 0.00	67.41 1.32 0.00	64.19 0.95 0.00	54.22 0.70 0.00	49.69 1.54 0.00	42.06 1.38 0.00
NEPA___ENERGY 23901	39.51 0.85 0.00	36.93 0.87 0.00	34.86 -0.10 0.00	32.30 0.06 0.00	31.40 0.19 0.00	33.84 -0.17 0.00	36.92 -1.14 0.00	35.38 -1.63 0.00	35.27 -0.76 0.00	34.01 -0.03 0.00	34.53 0.48 0.00	36.79 0.47 0.00	38.05 0.67 0.00	39.51 0.62 0.00	43.05 0.51 0.00	45.01 0.84 0.00	48.93 0.87 0.00	58.61 0.98 0.00	65.01 0.77 0.00	66.36 0.26 0.00	62.61 -0.63 0.00	52.99 -0.54 0.00	49.16 1.01 0.00	41.90 1.22 0.00

NEVERSINK___HYD 23608	40.24 1.59 0.00	37.51 1.44 0.00	36.26 1.29 0.00	33.36 1.13 0.00	32.24 1.03 0.00	35.23 1.22 0.00	39.13 1.06 0.00	38.01 1.00 0.00	37.10 1.08 0.00	35.03 0.99 0.00	35.00 0.95 0.00	37.58 1.05 -0.20	38.82 1.23 -0.21	40.43 1.28 -0.26	44.47 1.36 -0.57	46.13 1.50 -0.46	49.87 1.87 0.06	59.21 1.90 0.32	65.67 1.93 0.49	68.07 1.98 0.00	65.07 1.84 0.00	55.18 1.66 0.00	50.12 1.97 0.00	42.51 1.83 0.00
NEWKRMKL_115KV_TB1 55635	39.35 0.70 0.00	36.93 0.87 0.00	35.84 0.87 0.00	33.07 0.84 0.00	31.96 0.75 0.00	34.83 0.82 0.00	38.71 0.65 0.00	37.52 0.52 0.00	36.24 0.22 0.00	34.18 0.14 0.00	34.15 0.10 0.00	36.14 0.07 0.25	37.03 -0.07 0.27	38.49 -0.08 0.32	41.70 -0.13 0.71	43.55 -0.04 0.57	47.87 -0.19 0.00	57.40 -0.23 0.00	63.92 -0.32 0.00	65.89 -0.20 0.00	63.11 -0.13 0.00	53.42 -0.11 0.00	48.34 0.19 0.00	41.00 0.33 0.00
NEWTON___FALLS_HYD 23847	39.58 0.93 0.00	37.00 0.94 0.00	35.80 0.84 0.00	32.94 0.71 0.00	32.06 0.84 0.00	34.96 0.95 0.00	39.36 1.29 0.00	38.26 1.26 0.00	36.92 0.90 0.00	34.62 0.58 0.00	34.59 0.54 0.00	36.86 0.54 0.00	37.97 0.60 0.00	39.63 0.74 0.00	43.34 0.81 0.00	44.70 0.53 0.00	48.69 0.62 0.00	58.73 1.10 0.00	65.91 1.67 0.00	68.34 2.25 0.00	65.64 2.40 0.00	55.77 2.25 0.00	49.83 1.69 0.00	41.98 1.30 0.00
NGRID_A1_DSASP 323792	38.62 -0.04 0.00	35.81 -0.25 0.00	33.74 -1.22 0.00	31.30 -0.94 0.00	30.50 -0.72 0.00	32.79 -1.22 0.00	35.67 -2.40 0.00	34.34 -2.66 0.00	34.26 -1.76 0.00	32.89 -1.16 0.00	33.30 -0.75 0.00	35.45 -0.87 0.00	36.66 -0.71 0.00	38.04 -0.86 0.00	41.77 -0.76 0.00	43.24 -0.93 0.00	46.91 -1.15 0.00	56.20 -1.44 0.00	62.25 -1.99 0.00	63.72 -2.38 0.00	60.08 -3.16 0.00	50.85 -2.67 0.00	47.66 -0.48 0.00	40.59 -0.08 0.00
NGRID_A2_DSASP 323793	38.62 -0.04 0.00	35.81 -0.25 0.00	33.74 -1.22 0.00	31.30 -0.94 0.00	30.50 -0.72 0.00	32.79 -1.22 0.00	35.67 -2.40 0.00	34.34 -2.66 0.00	34.26 -1.76 0.00	32.89 -1.16 0.00	33.30 -0.75 0.00	35.45 -0.87 0.00	36.66 -0.71 0.00	38.04 -0.86 0.00	41.77 -0.76 0.00	43.24 -0.93 0.00	46.91 -1.15 0.00	56.20 -1.44 0.00	62.25 -1.99 0.00	63.72 -2.38 0.00	60.08 -3.16 0.00	50.85 -2.67 0.00	47.66 -0.48 0.00	40.59 -0.08 0.00
NGRID_A4_DSASP 323807	38.62 -0.04 0.00	35.81 -0.25 0.00	33.74 -1.22 0.00	31.30 -0.94 0.00	30.50 -0.72 0.00	32.79 -1.22 0.00	35.67 -2.40 0.00	34.34 -2.66 0.00	34.26 -1.76 0.00	32.89 -1.16 0.00	33.30 -0.75 0.00	35.45 -0.87 0.00	36.66 -0.71 0.00	38.04 -0.86 0.00	41.77 -0.76 0.00	43.24 -0.93 0.00	46.91 -1.15 0.00	56.20 -1.44 0.00	62.25 -1.99 0.00	63.72 -2.38 0.00	60.08 -3.16 0.00	50.85 -2.67 0.00	47.66 -0.48 0.00	40.59 -0.08 0.00
NIAGARA_115E_LBMP 323715	39.31 0.66 0.00	36.46 0.40 0.00	34.40 -0.56 0.00	31.91 -0.32 0.00	31.09 -0.12 0.00	33.43 -0.58 0.00	35.97 -2.09 0.00	34.41 -2.59 0.00	34.33 -1.69 0.00	32.92 -1.12 0.00	33.33 -0.72 0.00	35.52 -0.80 0.00	36.74 -0.64 0.00	38.11 -0.78 0.00	41.85 -0.68 0.00	43.33 -0.84 0.00	47.05 -1.01 0.00	56.42 -1.21 0.00	62.51 -1.73 0.00	63.97 -2.12 0.00	60.33 -2.91 0.00	51.06 -2.46 0.00	47.81 -0.33 0.00	40.88 0.20 0.00
NIAGARA_115W_LBMP 323714	38.50 -0.15 0.00	35.74 -0.33 0.00	33.67 -1.29 0.00	31.23 -1.00 0.00	30.40 -0.81 0.00	32.68 -1.33 0.00	35.55 -2.51 0.00	34.27 -2.74 0.00	34.19 -1.84 0.00	32.78 -1.26 0.00	33.20 -0.85 0.00	35.37 -0.94 0.00	36.55 -0.82 0.00	37.92 -0.97 0.00	41.64 -0.90 0.00	43.11 -1.06 0.00	46.81 -1.25 0.00	56.02 -1.61 0.00	62.06 -2.18 0.00	63.51 -2.58 0.00	59.88 -3.35 0.00	50.68 -2.84 0.00	47.52 -0.63 0.00	40.47 -0.20 0.00
NIAGARA_230_LBMP 323716	39.04 0.39 0.00	36.21 0.14 0.00	34.16 -0.80 0.00	31.68 -0.55 0.00	30.84 -0.37 0.00	33.16 -0.85 0.00	36.08 -1.98 0.00	34.75 -2.26 0.00	34.65 -1.37 0.00	33.23 -0.82 0.00	33.64 -0.41 0.00	35.81 -0.51 0.00	37.04 -0.34 0.00	38.43 -0.46 0.00	42.19 -0.34 0.00	43.64 -0.53 0.00	47.39 -0.67 0.00	56.77 -0.86 0.00	62.89 -1.35 0.00	64.37 -1.72 0.00	60.77 -2.47 0.00	51.43 -2.09 0.00	48.14 0.00 0.00	41.00 0.32 0.00
NIAGARA___115KV_198_GIBSON 55903	38.11 -0.54 0.00	35.70 -0.36 0.00	33.60 -1.36 0.00	31.23 -1.00 0.00	30.40 -0.81 0.00	32.69 -1.33 0.00	35.55 -2.51 0.00	34.27 -2.74 0.00	34.15 -1.87 0.00	32.78 -1.26 0.00	33.20 -0.85 0.00	35.37 -0.94 0.00	36.59 -0.78 0.00	37.92 -0.97 0.00	41.34 -1.19 0.00	43.11 -1.06 0.00	46.77 -1.30 0.00	56.02 -1.61 0.00	62.32 -1.93 0.00	63.51 -2.58 0.00	59.89 -3.35 0.00	50.69 -2.84 0.00	47.37 -0.77 0.00	40.35 -0.33 0.00
NIAGARA____ 23760	39.04 0.39 0.00	36.21 0.14 0.00	34.16 -0.80 0.00	31.68 -0.55 0.00	30.84 -0.37 0.00	33.16 -0.85 0.00	36.08 -1.98 0.00	34.75 -2.26 0.00	34.65 -1.37 0.00	33.23 -0.82 0.00	33.64 -0.41 0.00	35.81 -0.51 0.00	37.04 -0.34 0.00	38.43 -0.46 0.00	42.19 -0.34 0.00	43.64 -0.53 0.00	47.39 -0.67 0.00	56.77 -0.86 0.00	62.89 -1.35 0.00	64.37 -1.72 0.00	60.77 -2.47 0.00	51.43 -2.09 0.00	48.14 0.00 0.00	41.00 0.32 0.00
NINE_MILE_1 23575	37.77 -0.89 0.00	35.20 -0.87 0.00	34.06 -0.91 0.00	31.39 -0.84 0.00	30.43 -0.78 0.00	33.13 -0.88 0.00	36.96 -1.11 0.00	35.86 -1.15 0.00	34.98 -1.05 0.00	33.09 -0.95 0.00	33.13 -0.92 0.00	35.34 -0.98 0.00	36.37 -1.01 0.00	37.80 -1.09 0.00	41.39 -1.15 0.00	43.02 -1.15 0.00	46.77 -1.30 0.00	56.14 -1.50 0.00	62.64 -1.60 0.00	64.37 -1.72 0.00	61.59 -1.64 0.00	52.13 -1.39 0.00	47.13 -1.01 0.00	39.82 -0.86 0.00
NINE_MILE_2 23744	37.77 -0.89 0.00	35.20 -0.87 0.00	34.06 -0.91 0.00	31.39 -0.84 0.00	30.43 -0.78 0.00	33.13 -0.88 0.00	36.96 -1.11 0.00	35.86 -1.15 0.00	34.98 -1.05 0.00	33.09 -0.95 0.00	33.13 -0.92 0.00	35.34 -0.98 0.00	36.37 -1.01 0.00	37.84 -1.05 0.00	41.39 -1.15 0.00	43.02 -1.15 0.00	46.77 -1.30 0.00	56.14 -1.50 0.00	62.64 -1.60 0.00	64.37 -1.72 0.00	61.59 -1.64 0.00	52.13 -1.39 0.00	47.13 -1.01 0.00	39.82 -0.86 0.00
NM_CAPITAL___DRP 24208	39.43 0.77 0.00	36.93 0.87 0.00	35.84 0.87 0.00	33.10 0.87 0.00	31.96 0.75 0.00	34.86 0.85 0.00	38.75 0.69 0.00	37.56 0.56 0.00	36.31 0.29 0.00	34.25 0.20 0.00	34.18 0.14 0.00	36.15 0.11 0.28	37.11 0.04 0.30	38.54 0.00 0.36	41.70 -0.04 0.79	43.57 0.04 0.64	47.97 -0.10 0.00	57.52 -0.12 0.00	64.05 -0.19 0.00	65.96 -0.13 0.00	63.18 -0.06 0.00	53.52 0.00 0.00	48.43 0.29 0.00	41.08 0.41 0.00
NM_CENTRAL___DRP 24181	38.54 -0.12 0.00	35.92 -0.14 0.00	34.72 -0.24 0.00	32.04 -0.19 0.00	31.06 -0.16 0.00	33.81 -0.20 0.00	37.72 -0.34 0.00	36.53 -0.48 0.00	35.63 -0.40 0.00	33.74 -0.31 0.00	33.81 -0.24 0.00	36.06 -0.25 0.00	37.07 -0.30 0.00	38.50 -0.39 0.00	42.11 -0.43 0.00	43.81 -0.35 0.00	47.68 -0.38 0.00	57.23 -0.40 0.00	63.92 -0.32 0.00	65.70 -0.40 0.00	62.86 -0.38 0.00	53.09 -0.43 0.00	48.10 -0.05 0.00	40.64 -0.04 0.00

NM_FRONTIER___DRP 24179	38.11 -0.54 0.00	35.70 -0.36 0.00	33.60 -1.36 0.00	31.23 -1.00 0.00	30.40 -0.81 0.00	32.69 -1.33 0.00	35.55 -2.51 0.00	34.27 -2.74 0.00	34.15 -1.87 0.00	32.78 -1.26 0.00	33.20 -0.85 0.00	35.37 -0.94 0.00	36.59 -0.78 0.00	37.92 -0.97 0.00	41.34 -1.19 0.00	43.11 -1.06 0.00	46.77 -1.30 0.00	56.02 -1.61 0.00	62.32 -1.93 0.00	63.51 -2.58 0.00	59.89 -3.35 0.00	50.69 -2.84 0.00	47.37 -0.77 0.00	40.35 -0.33 0.00
NM_ST_REGIS___HYD 24053	39.16 0.50 0.00	36.67 0.61 0.00	35.52 0.56 0.00	32.72 0.48 0.00	31.74 0.53 0.00	34.59 0.58 0.00	39.13 1.07 0.00	38.19 1.18 0.00	36.96 0.94 0.00	34.72 0.68 0.00	34.73 0.68 0.00	37.01 0.69 0.00	38.16 0.78 0.00	39.75 0.86 0.00	43.51 0.98 0.00	44.78 0.62 0.00	48.64 0.58 0.00	58.73 1.10 0.00	65.66 1.41 0.00	67.94 1.85 0.00	65.20 1.96 0.00	55.34 1.82 0.00	49.11 0.96 0.00	41.33 0.65 0.00
NORTHPORT___1 23551	41.25 2.59 0.00	38.01 1.95 0.00	36.82 1.85 0.00	33.65 1.42 0.00	32.68 1.47 0.00	35.58 1.57 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.86 1.84 0.00	35.71 1.67 0.00	36.29 2.25 0.00	39.27 2.62 -0.33	40.53 2.80 -0.35	42.15 2.84 -0.42	46.60 3.15 -0.92	47.87 2.96 -0.74	50.03 1.97 0.00	50.85 1.09 7.88	55.87 0.77 9.15	65.20 -0.20 0.69	61.46 -0.38 1.40	50.73 -0.11 2.68	48.82 0.67 0.00	43.24 2.56 0.00
NORTHPORT___2 23552	41.25 2.59 0.00	38.01 1.95 0.00	36.82 1.85 0.00	33.65 1.42 0.00	32.68 1.47 0.00	35.58 1.57 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.86 1.84 0.00	35.71 1.67 0.00	36.29 2.25 0.00	39.27 2.62 -0.33	40.53 2.80 -0.35	42.15 2.84 -0.42	46.60 3.15 -0.92	47.87 2.96 -0.74	50.03 1.97 0.00	50.85 1.09 7.88	55.87 0.77 9.15	65.20 -0.20 0.69	61.46 -0.38 1.40	50.73 -0.11 2.68	48.82 0.67 0.00	43.24 2.56 0.00
NORTHPORT___3 23553	40.82 2.16 0.00	37.65 1.58 0.00	36.47 1.50 0.00	33.33 1.10 0.00	32.34 1.12 0.00	35.27 1.26 0.00	39.13 1.06 0.00	38.04 1.03 0.00	37.60 1.58 0.00	35.51 1.46 0.00	36.06 2.01 0.00	38.98 2.33 -0.33	40.23 2.50 -0.35	41.84 2.53 -0.42	46.22 2.76 -0.92	47.47 2.56 -0.74	49.50 1.44 0.00	50.46 0.69 7.87	55.43 0.32 9.14	64.79 -0.60 0.70	61.14 -0.69 1.40	50.46 -0.37 2.69	48.24 0.10 0.00	42.91 2.24 0.00
NORTHPORT___4 23650	40.82 2.16 0.00	37.65 1.58 0.00	36.47 1.50 0.00	33.33 1.10 0.00	32.34 1.12 0.00	35.27 1.26 0.00	39.13 1.06 0.00	38.04 1.03 0.00	37.60 1.58 0.00	35.51 1.46 0.00	36.06 2.01 0.00	38.98 2.33 -0.33	40.23 2.50 -0.35	41.84 2.53 -0.42	46.22 2.76 -0.92	47.47 2.56 -0.74	49.50 1.44 0.00	50.46 0.69 7.87	55.43 0.32 9.14	64.79 -0.60 0.70	61.14 -0.69 1.40	50.46 -0.37 2.69	48.24 0.10 0.00	42.91 2.24 0.00
NORTHPORT___IC 23718	41.40 2.74 0.00	37.94 1.88 0.00	36.82 1.85 0.00	33.65 1.42 0.00	32.68 1.47 0.00	35.58 1.56 0.00	39.47 1.41 0.00	38.34 1.33 0.00	37.86 1.84 0.00	35.71 1.67 0.00	36.30 2.25 0.00	39.26 2.61 -0.33	40.48 2.77 -0.34	42.14 2.84 -0.41	46.64 3.19 -0.91	47.91 3.00 -0.74	50.47 2.40 0.00	50.96 1.21 7.88	56.31 1.22 9.15	65.60 0.20 0.69	61.40 -0.44 1.40	50.79 -0.05 2.68	49.44 1.30 0.00	43.40 2.73 0.00
NORTH___COUNTRY_ESR 323785	38.66 0.00 0.00	36.17 0.11 0.00	35.11 0.14 0.00	32.33 0.10 0.00	31.34 0.13 0.00	34.15 0.14 0.00	38.56 0.49 0.00	37.67 0.67 0.00	36.56 0.54 0.00	34.42 0.38 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.82 0.45 0.00	39.40 0.50 0.00	43.09 0.55 0.00	44.61 0.44 0.00	48.59 0.53 0.00	58.50 0.87 0.00	65.33 1.09 0.00	67.34 1.25 0.00	64.57 1.33 0.00	54.54 1.01 0.00	48.39 0.24 0.00	40.72 0.04 0.00
NPX_GEN_1385_PROXY 323591	41.13 2.48 0.00	38.74 2.02 -0.66	36.02 1.71 0.66	33.52 1.29 0.00	32.56 1.34 0.00	35.44 1.43 0.00	39.17 1.10 0.00	38.19 1.18 0.00	37.50 1.48 0.00	35.23 1.19 0.00	35.68 1.63 0.00	35.50 1.92 2.74	34.80 2.09 4.66	39.20 2.10 1.79	37.39 2.34 7.48	40.30 2.12 5.99	49.12 1.06 0.00	50.45 0.69 7.88	55.80 0.71 9.15	65.20 -0.20 0.69	61.84 0.00 1.40	53.20 -0.70 -0.37	44.94 -0.14 3.06	42.55 1.87 0.00
NPX_GEN_CSC 323557	41.25 2.59 0.00	38.27 1.55 -0.66	36.12 1.82 0.66	33.62 1.39 0.00	32.74 1.53 0.00	35.41 1.40 0.00	39.28 1.22 0.00	37.89 0.89 0.00	37.57 1.55 0.00	35.37 1.33 0.00	36.12 2.08 0.00	39.19 2.54 -0.33	40.49 2.77 -0.35	42.11 2.80 -0.42	46.65 3.19 -0.92	48.18 3.27 -0.74	50.80 2.74 0.00	59.39 2.25 0.49	65.73 2.06 0.56	66.97 0.92 0.05	63.19 0.38 0.43	57.02 0.64 -2.86	45.95 0.87 3.06	43.20 2.52 0.00
NSINS_S_GLNS_FALLS 23858	40.32 1.66 0.00	37.50 1.44 0.00	36.33 1.36 0.00	33.46 1.22 0.00	32.43 1.22 0.00	35.37 1.36 0.00	39.40 1.33 0.00	38.08 1.07 0.00	36.71 0.68 0.00	34.52 0.48 0.00	34.15 0.10 0.00	36.14 0.11 0.29	37.15 0.07 0.30	38.69 0.16 0.36	41.95 0.21 0.80	43.87 0.35 0.65	48.45 0.38 0.00	58.56 0.92 0.00	65.98 1.73 0.00	68.54 2.45 0.00	66.08 2.85 0.00	55.82 2.30 0.00	50.31 2.17 0.00	42.55 1.87 0.00
NUCOR_STEEL___DRP 24197	39.20 0.54 0.00	36.53 0.47 0.00	35.28 0.31 0.00	32.55 0.32 0.00	31.56 0.34 0.00	34.35 0.34 0.00	38.33 0.27 0.00	37.04 0.04 0.00	36.09 0.07 0.00	34.15 0.10 0.00	34.22 0.17 0.00	36.54 0.22 0.00	37.56 0.19 0.00	39.05 0.16 0.00	42.75 0.21 0.00	44.48 0.31 0.00	48.45 0.38 0.00	58.27 0.63 0.00	65.21 0.96 0.00	67.08 0.99 0.00	64.25 1.01 0.00	54.22 0.70 0.00	49.20 1.06 0.00	41.53 0.85 0.00
NUMBER_THREE_WT_PWR 323818	40.12 1.47 0.00	37.51 1.44 0.00	36.26 1.29 0.00	33.36 1.13 0.00	32.49 1.28 0.00	35.44 1.43 0.00	39.78 1.71 0.00	38.52 1.52 0.00	37.14 1.12 0.00	34.83 0.78 0.00	34.73 0.68 0.00	37.01 0.69 0.00	38.12 0.75 0.00	39.79 0.90 0.00	43.51 0.98 0.00	45.05 0.88 0.00	49.17 1.11 0.00	59.31 1.67 0.00	66.68 2.44 0.00	69.20 3.11 0.00	66.40 3.16 0.00	56.41 2.89 0.00	50.60 2.45 0.00	42.63 1.95 0.00
NYISO_LBMP_REFERENCE 24008	38.66 0.00 0.00	36.06 0.00 0.00	34.97 0.00 0.00	32.23 0.00 0.00	31.21 0.00 0.00	34.01 0.00 0.00	38.07 0.00 0.00	37.01 0.00 0.00	36.02 0.00 0.00	34.04 0.00 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.37 0.00 0.00	38.89 0.00 0.00	42.54 0.00 0.00	44.17 0.00 0.00	48.06 0.00 0.00	57.63 0.00 0.00	64.24 0.00 0.00	66.09 0.00 0.00	63.24 0.00 0.00	53.52 0.00 0.00	48.14 0.00 0.00	40.68 0.00 0.00
NYPA_BRENTWD____GT 24164	41.79 3.13 0.00	38.40 2.34 0.00	37.24 2.27 0.00	33.97 1.74 0.00	33.06 1.84 0.00	35.95 1.94 0.00	39.89 1.83 0.00	38.71 1.70 0.00	38.29 2.27 0.00	36.12 2.08 0.00	36.77 2.72 0.00	39.78 3.12 -0.33	41.09 3.36 -0.35	42.74 3.42 -0.42	47.24 3.78 -0.92	48.71 3.80 -0.74	51.19 3.12 0.00	60.24 2.60 -0.01	66.75 2.50 0.00	67.51 1.45 0.04	63.87 1.07 0.45	54.44 1.18 0.26	49.73 1.59 0.00	43.89 3.21 0.00

NYPA_GOWANUS____GT5 24156	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NYPA_GOWANUS____GT6 24157	41.21 2.55 -0.01	38.26 2.20 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.76 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	42.02 2.72 -0.41	46.47 3.02 -0.91	48.04 3.14 -0.74	51.48 3.41 0.00	60.05 2.42 0.00	66.35 2.12 0.01	68.00 1.92 0.01	64.94 1.71 0.01	55.39 1.87 0.00	50.79 2.65 0.00	43.33 2.64 -0.01
NYPA_HARLEM__RVR__GT1 24160	41.18 2.51 -0.01	38.26 2.20 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.37 1.37 0.01	37.78 1.76 0.01	36.01 1.97 0.01	36.01 1.97 0.01	38.85 2.22 -0.32	40.14 2.43 -0.34	41.82 2.53 -0.40	46.20 2.76 -0.90	47.76 2.87 -0.73	51.09 3.03 0.00	59.47 1.84 0.01	65.97 1.74 0.01	67.47 1.39 0.01	64.56 1.33 0.01	55.18 1.66 0.00	50.69 2.55 0.00	43.37 2.68 -0.01
NYPA_HARLEM__RVR__GT2 24161	41.18 2.51 -0.01	38.26 2.20 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.37 1.37 0.01	37.78 1.76 0.01	36.01 1.97 0.01	36.01 1.97 0.01	38.85 2.22 -0.32	40.14 2.43 -0.34	41.82 2.53 -0.40	46.20 2.76 -0.90	47.76 2.87 -0.73	51.09 3.03 0.00	59.47 1.84 0.01	65.97 1.74 0.01	67.47 1.39 0.01	64.56 1.33 0.01	55.18 1.66 0.00	50.69 2.55 0.00	43.37 2.68 -0.01
NYPA_KENT____GT 24152	41.14 2.48 -0.01	38.23 2.16 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.62 1.41 0.00	35.54 1.53 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.86 1.84 0.00	36.12 2.08 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.33 2.62 -0.34	42.02 2.72 -0.41	46.42 2.98 -0.91	47.99 3.09 -0.74	51.38 3.31 0.00	60.00 2.36 0.00	66.29 2.06 0.01	67.87 1.79 0.01	64.87 1.64 0.01	55.34 1.82 0.00	50.69 2.55 0.00	43.29 2.61 -0.01
NYPA_POUCH1____GT 24155	41.14 2.48 -0.01	38.23 2.16 0.00	36.64 1.68 0.00	33.78 1.55 0.00	32.52 1.31 0.00	35.41 1.40 0.00	39.21 1.14 0.00	38.30 1.29 0.00	37.64 1.62 0.00	35.92 1.87 0.00	35.92 1.87 0.00	38.82 2.18 -0.33	40.18 2.47 -0.34	41.91 2.61 -0.41	46.38 2.93 -0.91	47.95 3.05 -0.74	51.38 3.31 0.00	59.94 2.31 0.00	66.23 1.99 0.01	67.80 1.72 0.01	64.75 1.52 0.01	55.29 1.76 0.00	50.69 2.55 0.00	43.25 2.56 -0.01
NYPA_VERNON____GT2 24162	41.06 2.40 -0.01	38.19 2.13 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.65 1.44 0.00	35.61 1.60 0.00	39.47 1.41 0.00	38.60 1.59 0.00	37.97 1.94 0.00	36.16 2.11 0.00	36.16 2.11 0.00	39.00 2.36 -0.33	40.33 2.62 -0.34	42.02 2.72 -0.41	46.42 2.98 -0.91	47.95 3.05 -0.74	51.28 3.22 0.00	59.94 2.31 0.00	66.29 2.06 0.01	67.80 1.72 0.01	64.81 1.58 0.01	55.29 1.76 0.00	50.65 2.50 0.00	43.21 2.52 -0.01
NYPA_VERNON____GT3 24163	41.06 2.40 -0.01	38.19 2.13 0.00	36.71 1.75 0.00	33.87 1.64 0.00	32.65 1.44 0.00	35.61 1.60 0.00	39.47 1.41 0.00	38.60 1.59 0.00	37.97 1.94 0.00	36.16 2.11 0.00	36.16 2.11 0.00	39.00 2.36 -0.33	40.33 2.62 -0.34	42.02 2.72 -0.41	46.42 2.98 -0.91	47.95 3.05 -0.74	51.28 3.22 0.00	59.94 2.31 0.00	66.29 2.06 0.01	67.80 1.72 0.01	64.81 1.58 0.01	55.29 1.76 0.00	50.65 2.50 0.00	43.21 2.52 -0.01
NYPA__ASTORIA_CC1 323568	41.06 2.40 -0.01	38.19 2.13 0.00	36.64 1.68 0.00	33.84 1.61 0.00	32.62 1.41 0.00	35.51 1.49 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.26 2.54 -0.34	41.95 2.65 -0.41	46.34 2.89 -0.91	47.91 3.00 -0.74	51.19 3.12 0.00	59.70 2.07 0.01	66.03 1.80 0.01	67.54 1.45 0.01	64.56 1.33 0.01	55.13 1.60 0.00	50.55 2.41 0.00	43.17 2.48 -0.01
NYPA__ASTORIA_CC2 323569	41.06 2.40 -0.01	38.19 2.13 0.00	36.64 1.68 0.00	33.84 1.61 0.00	32.62 1.41 0.00	35.51 1.49 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.26 2.54 -0.34	41.95 2.65 -0.41	46.34 2.89 -0.91	47.91 3.00 -0.74	51.19 3.12 0.00	59.70 2.07 0.01	66.03 1.80 0.01	67.54 1.45 0.01	64.56 1.33 0.01	55.13 1.60 0.00	50.55 2.41 0.00	43.17 2.48 -0.01
NYPA__HOLTSVILL 23794	41.40 2.74 0.00	38.01 1.95 0.00	36.92 1.96 0.00	33.72 1.48 0.00	32.81 1.59 0.00	35.64 1.63 0.00	39.51 1.45 0.00	38.30 1.29 0.00	37.89 1.87 0.00	35.71 1.67 0.00	36.40 2.35 0.00	39.41 2.76 -0.33	40.75 3.03 -0.35	42.35 3.04 -0.42	46.81 3.36 -0.92	48.31 3.40 -0.74	50.85 2.79 0.00	59.36 2.19 0.46	65.70 1.99 0.53	66.97 0.92 0.05	63.31 0.50 0.43	54.14 0.80 0.19	49.30 1.15 0.00	43.48 2.80 0.00
NYPA____HELLGATE_GT1 24158	41.18 2.51 -0.01	38.26 2.20 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.37 1.37 0.01	37.78 1.76 0.01	36.01 1.97 0.01	36.01 1.97 0.01	38.85 2.22 -0.32	40.14 2.43 -0.34	41.82 2.53 -0.40	46.20 2.76 -0.90	47.76 2.87 -0.73	51.09 3.03 0.00	59.47 1.84 0.01	65.97 1.74 0.01	67.47 1.39 0.01	64.56 1.33 0.01	55.18 1.66 0.00	50.69 2.55 0.00	43.37 2.68 -0.01
NYPA____HELLGATE_GT2 24159	41.18 2.51 -0.01	38.26 2.20 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.37 1.37 0.01	37.78 1.76 0.01	36.01 1.97 0.01	36.01 1.97 0.01	38.85 2.22 -0.32	40.14 2.43 -0.34	41.82 2.53 -0.40	46.20 2.76 -0.90	47.76 2.87 -0.73	51.09 3.03 0.00	59.47 1.84 0.01	65.97 1.74 0.01	67.47 1.39 0.01	64.56 1.33 0.01	55.18 1.66 0.00	50.69 2.55 0.00	43.37 2.68 -0.01
NYS_BARGE__HYD 23848	39.66 1.00 0.00	36.78 0.72 0.00	34.72 -0.24 0.00	32.17 -0.06 0.00	31.34 0.13 0.00	33.71 -0.31 0.00	36.47 -1.60 0.00	34.97 -2.04 0.00	34.83 -1.19 0.00	33.40 -0.65 0.00	33.81 -0.24 0.00	36.03 -0.29 0.00	37.30 -0.07 0.00	38.70 -0.19 0.00	42.54 0.00 0.00	44.03 -0.13 0.00	47.92 -0.14 0.00	57.46 -0.17 0.00	63.73 -0.52 0.00	65.30 -0.79 0.00	61.59 -1.64 0.00	52.08 -1.44 0.00	48.72 0.58 0.00	41.53 0.86 0.00
OAK ORCHARD__HYD 24046	39.31 0.66 0.00	36.53 0.47 0.00	34.90 -0.07 0.00	32.23 0.00 0.00	31.34 0.13 0.00	33.91 -0.10 0.00	37.50 -0.57 0.00	36.38 -0.63 0.00	35.91 -0.11 0.00	34.11 0.07 0.00	34.35 0.31 0.00	36.72 0.40 0.00	37.86 0.48 0.00	39.36 0.47 0.00	43.26 0.72 0.00	44.78 0.62 0.00	48.79 0.72 0.00	58.61 0.98 0.00	65.40 1.16 0.00	67.15 1.05 0.00	63.94 0.70 0.00	54.00 0.48 0.00	49.45 1.30 0.00	41.77 1.10 0.00

OAKDALE___35_KV_LOAD 356122	39.27 0.62 0.00	36.60 0.54 0.00	35.32 0.35 0.00	32.59 0.35 0.00	31.59 0.37 0.00	34.35 0.34 0.00	38.10 0.04 0.00	36.78 -0.22 0.00	35.99 -0.04 0.00	34.18 0.14 0.00	34.29 0.24 0.00	36.57 0.25 0.00	37.67 0.30 0.00	39.16 0.27 0.00	42.83 0.30 0.00	44.56 0.40 0.00	48.59 0.53 0.00	58.21 0.58 0.00	64.89 0.64 0.00	66.62 0.53 0.00	63.62 0.38 0.00	53.79 0.27 0.00	48.96 0.82 0.00	41.49 0.81 0.00
OCC_CHEM___DRP 24175	38.23 -0.43 0.00	35.81 -0.25 0.00	33.71 -1.26 0.00	31.30 -0.93 0.00	30.50 -0.72 0.00	32.79 -1.22 0.00	35.63 -2.44 0.00	34.34 -2.66 0.00	34.26 -1.77 0.00	32.89 -1.16 0.00	33.30 -0.75 0.00	35.45 -0.87 0.00	36.66 -0.71 0.00	38.04 -0.86 0.00	41.47 -1.06 0.00	43.24 -0.93 0.00	46.91 -1.15 0.00	56.19 -1.44 0.00	62.51 -1.73 0.00	63.71 -2.38 0.00	60.08 -3.16 0.00	50.79 -2.73 0.00	47.47 -0.67 0.00	40.47 -0.20 0.00
OH_GEN_PROXY 24063	39.00 0.35 0.00	36.87 0.14 -0.66	33.50 -0.80 0.66	31.65 -0.58 0.00	30.84 -0.37 0.00	33.16 -0.85 0.00	36.13 -1.94 0.00	34.79 -2.22 0.00	34.69 -1.33 0.00	33.26 -0.78 0.00	33.67 -0.37 0.00	35.88 -0.43 0.00	37.07 -0.30 0.00	38.46 -0.43 0.00	42.24 -0.30 0.00	43.72 -0.44 0.00	47.49 -0.57 0.00	56.88 -0.75 0.00	63.02 -1.22 0.00	64.50 -1.59 0.00	60.90 -2.34 0.00	54.60 -1.98 -3.06	45.09 0.00 3.06	41.00 0.32 0.00
OLIN_CORP_DRP 24177	38.93 0.27 0.00	36.46 0.40 0.00	34.37 -0.59 0.00	31.91 -0.32 0.00	31.09 -0.12 0.00	33.43 -0.58 0.00	36.01 -2.06 0.00	34.49 -2.52 0.00	34.40 -1.62 0.00	32.99 -1.06 0.00	33.44 -0.61 0.00	35.59 -0.73 0.00	36.81 -0.56 0.00	38.19 -0.70 0.00	41.64 -0.89 0.00	43.42 -0.75 0.00	47.20 -0.87 0.00	56.54 -1.10 0.00	62.89 -1.35 0.00	64.11 -1.98 0.00	60.46 -2.78 0.00	51.17 -2.35 0.00	47.76 -0.39 0.00	40.80 0.12 0.00
OLIN_CORP_DSASP 323712	38.62 -0.04 0.00	35.81 -0.25 0.00	33.74 -1.22 0.00	31.30 -0.94 0.00	30.50 -0.72 0.00	32.79 -1.22 0.00	35.67 -2.40 0.00	34.34 -2.66 0.00	34.26 -1.76 0.00	32.89 -1.16 0.00	33.30 -0.75 0.00	35.45 -0.87 0.00	36.66 -0.71 0.00	38.04 -0.86 0.00	41.77 -0.76 0.00	43.24 -0.93 0.00	46.91 -1.15 0.00	56.20 -1.44 0.00	62.25 -1.99 0.00	63.72 -2.38 0.00	60.08 -3.16 0.00	50.85 -2.67 0.00	47.66 -0.48 0.00	40.59 -0.08 0.00
ONEIDA_HERK_LFGE 323681	39.89 1.24 0.00	37.25 1.19 0.00	36.05 1.09 0.00	33.17 0.94 0.00	32.28 1.06 0.00	35.20 1.19 0.00	39.43 1.37 0.00	38.23 1.22 0.00	36.99 0.97 0.00	34.79 0.75 0.00	34.73 0.68 0.00	37.01 0.69 0.00	38.12 0.75 0.00	39.79 0.90 0.00	43.55 1.02 0.00	45.10 0.93 0.00	49.22 1.15 0.00	59.25 1.61 0.00	66.43 2.19 0.00	68.67 2.58 0.00	65.83 2.59 0.00	55.82 2.30 0.00	50.17 2.02 0.00	42.30 1.63 0.00
ONEIDA___115KV_TB4 55905	39.97 1.31 0.00	37.29 1.23 0.00	36.08 1.12 0.00	33.23 1.00 0.00	32.31 1.09 0.00	35.24 1.22 0.00	39.44 1.37 0.00	38.19 1.18 0.00	36.99 0.97 0.00	34.86 0.82 0.00	34.80 0.75 0.00	37.12 0.80 0.00	38.23 0.86 0.00	39.90 1.01 0.00	43.68 1.15 0.00	45.27 1.10 0.00	49.41 1.35 0.00	59.42 1.79 0.00	66.62 2.38 0.00	68.80 2.71 0.00	65.89 2.66 0.00	55.82 2.30 0.00	50.21 2.07 0.00	42.38 1.71 0.00
ONONDAGA_REF_OCCRA 23987	38.66 0.00 0.00	36.03 -0.04 0.00	34.83 -0.14 0.00	32.14 -0.10 0.00	31.12 -0.09 0.00	33.91 -0.10 0.00	37.84 -0.23 0.00	36.60 -0.41 0.00	35.70 -0.32 0.00	33.81 -0.24 0.00	33.88 -0.17 0.00	36.14 -0.18 0.00	37.15 -0.22 0.00	38.62 -0.27 0.00	42.28 -0.26 0.00	43.95 -0.22 0.00	47.87 -0.19 0.00	57.46 -0.17 0.00	64.18 -0.06 0.00	66.03 -0.07 0.00	63.18 -0.06 0.00	53.36 -0.16 0.00	48.29 0.14 0.00	40.80 0.12 0.00
ONONDAGA___COGEN 23986	38.73 0.08 0.00	36.10 0.04 0.00	34.90 -0.07 0.00	32.17 -0.06 0.00	31.18 -0.03 0.00	33.98 -0.03 0.00	37.91 -0.15 0.00	36.67 -0.33 0.00	35.77 -0.25 0.00	33.84 -0.20 0.00	33.91 -0.14 0.00	36.21 -0.11 0.00	37.22 -0.15 0.00	38.70 -0.19 0.00	42.37 -0.17 0.00	44.08 -0.09 0.00	48.02 -0.05 0.00	57.58 -0.06 0.00	64.37 0.13 0.00	66.22 0.13 0.00	63.36 0.13 0.00	53.52 0.00 0.00	48.48 0.34 0.00	40.96 0.28 0.00
ONTARIO___LFGE 23819	39.70 1.04 0.00	36.89 0.83 0.00	35.42 0.45 0.00	32.68 0.45 0.00	31.71 0.50 0.00	34.49 0.48 0.00	38.33 0.27 0.00	37.12 0.11 0.00	36.31 0.29 0.00	34.45 0.41 0.00	34.63 0.58 0.00	36.94 0.62 0.00	38.08 0.71 0.00	39.59 0.70 0.00	43.47 0.93 0.00	44.92 0.75 0.00	49.02 0.96 0.00	58.73 1.09 0.00	65.72 1.48 0.00	67.68 1.58 0.00	64.63 1.39 0.00	54.49 0.96 0.00	49.88 1.73 0.00	42.14 1.46 0.00
ORANGEVILLE_WT_PWR 323706	39.74 1.08 0.00	36.85 0.79 0.00	34.93 -0.03 0.00	32.33 0.10 0.00	31.46 0.25 0.00	33.94 -0.07 0.00	37.08 -0.99 0.00	35.42 -1.59 0.00	34.90 -1.12 0.00	33.33 -0.72 0.00	33.64 -0.41 0.00	35.88 -0.43 0.00	37.11 -0.26 0.00	38.46 -0.43 0.00	42.28 -0.25 0.00	43.77 -0.40 0.00	48.21 0.14 0.00	57.69 0.06 0.00	64.05 -0.19 0.00	65.96 -0.13 0.00	62.54 -0.69 0.00	52.88 -0.64 0.00	49.11 0.96 0.00	41.77 1.10 0.00
ORANGEVILLE___ESR 323794	39.74 1.08 0.00	36.85 0.79 0.00	34.93 -0.03 0.00	32.33 0.10 0.00	31.46 0.25 0.00	33.94 -0.07 0.00	37.08 -0.99 0.00	35.42 -1.59 0.00	34.90 -1.12 0.00	33.33 -0.72 0.00	33.64 -0.41 0.00	35.88 -0.43 0.00	37.11 -0.26 0.00	38.46 -0.43 0.00	42.28 -0.25 0.00	43.77 -0.40 0.00	48.21 0.14 0.00	57.69 0.06 0.00	64.05 -0.19 0.00	65.96 -0.13 0.00	62.54 -0.69 0.00	52.88 -0.64 0.00	49.11 0.96 0.00	41.77 1.10 0.00
OSWEGATCHIE___HYD 24044	39.58 0.93 0.00	37.00 0.94 0.00	35.84 0.87 0.00	32.94 0.71 0.00	32.06 0.84 0.00	34.96 0.95 0.00	39.36 1.29 0.00	38.27 1.26 0.00	36.92 0.90 0.00	34.62 0.58 0.00	34.59 0.54 0.00	36.86 0.55 0.00	37.97 0.60 0.00	39.63 0.74 0.00	43.30 0.77 0.00	44.70 0.53 0.00	48.64 0.58 0.00	58.73 1.09 0.00	65.91 1.67 0.00	68.34 2.25 0.00	65.64 2.40 0.00	55.77 2.25 0.00	49.83 1.68 0.00	41.98 1.30 0.00
OSWEGO___5 23606	38.08 -0.58 0.00	35.48 -0.58 0.00	34.30 -0.67 0.00	31.65 -0.58 0.00	30.65 -0.56 0.00	33.36 -0.65 0.00	37.23 -0.84 0.00	36.12 -0.89 0.00	35.23 -0.79 0.00	33.33 -0.72 0.00	33.37 -0.68 0.00	35.63 -0.69 0.00	36.63 -0.75 0.00	38.11 -0.78 0.00	41.73 -0.81 0.00	43.33 -0.84 0.00	47.15 -0.91 0.00	56.54 -1.10 0.00	63.09 -1.15 0.00	64.90 -1.19 0.00	62.03 -1.20 0.00	52.50 -1.02 0.00	47.52 -0.63 0.00	40.15 -0.53 0.00
OSWEGO___6 23613	38.08 -0.58 0.00	35.48 -0.58 0.00	34.30 -0.67 0.00	31.65 -0.58 0.00	30.65 -0.56 0.00	33.36 -0.65 0.00	37.23 -0.84 0.00	36.12 -0.89 0.00	35.23 -0.79 0.00	33.33 -0.72 0.00	33.37 -0.68 0.00	35.63 -0.69 0.00	36.63 -0.75 0.00	38.11 -0.78 0.00	41.73 -0.81 0.00	43.33 -0.84 0.00	47.15 -0.91 0.00	56.54 -1.10 0.00	63.09 -1.15 0.00	64.90 -1.19 0.00	62.03 -1.20 0.00	52.50 -1.02 0.00	47.52 -0.63 0.00	40.15 -0.53 0.00

OUTOKUMPU-AB___DRP 24206	39.27 0.62 0.00	36.78 0.72 0.00	34.62 -0.35 0.00	32.14 -0.10 0.00	31.34 0.12 0.00	33.71 -0.31 0.00	36.58 -1.48 0.00	35.19 -1.81 0.00	35.05 -0.97 0.00	33.67 -0.37 0.00	34.15 0.10 0.00	36.39 0.07 0.00	37.63 0.26 0.00	39.13 0.23 0.00	42.66 0.13 0.00	44.52 0.35 0.00	48.35 0.29 0.00	57.98 0.35 0.00	64.50 0.26 0.00	65.76 -0.33 0.00	61.91 -1.33 0.00	52.40 -1.12 0.00	48.87 0.72 0.00	41.61 0.94 0.00
OXBOW___BTM 323836	39.20 0.54 0.00	36.39 0.32 0.00	34.27 -0.70 0.00	31.78 -0.45 0.00	30.96 -0.25 0.00	33.30 -0.72 0.00	36.20 -1.86 0.00	34.82 -2.18 0.00	34.73 -1.30 0.00	33.33 -0.72 0.00	33.77 -0.27 0.00	35.99 -0.33 0.00	37.22 -0.15 0.00	38.66 -0.23 0.00	42.49 -0.04 0.00	43.99 -0.18 0.00	47.78 -0.29 0.00	57.23 -0.40 0.00	63.41 -0.84 0.00	64.90 -1.19 0.00	61.15 -2.09 0.00	51.76 -1.76 0.00	48.48 0.34 0.00	41.29 0.61 0.00
OXBOW___ 24026	38.81 0.15 0.00	36.35 0.29 0.00	34.23 -0.73 0.00	31.78 -0.45 0.00	30.96 -0.25 0.00	33.30 -0.71 0.00	36.20 -1.87 0.00	34.82 -2.18 0.00	34.72 -1.30 0.00	33.33 -0.71 0.00	33.78 -0.27 0.00	35.99 -0.33 0.00	37.26 -0.11 0.00	38.66 -0.23 0.00	42.15 -0.38 0.00	43.99 -0.18 0.00	47.78 -0.29 0.00	57.23 -0.40 0.00	63.67 -0.58 0.00	64.90 -1.19 0.00	61.15 -2.09 0.00	51.76 -1.77 0.00	48.29 0.14 0.00	41.12 0.45 0.00
OXY_CHEM_DSASP 323612	38.23 -0.43 0.00	35.81 -0.25 0.00	33.71 -1.26 0.00	31.30 -0.93 0.00	30.50 -0.72 0.00	32.79 -1.22 0.00	35.63 -2.44 0.00	34.34 -2.66 0.00	34.26 -1.77 0.00	32.89 -1.16 0.00	33.30 -0.75 0.00	35.45 -0.87 0.00	36.66 -0.71 0.00	38.04 -0.86 0.00	41.47 -1.06 0.00	43.24 -0.93 0.00	46.91 -1.15 0.00	56.19 -1.44 0.00	62.51 -1.73 0.00	63.71 -2.38 0.00	60.08 -3.16 0.00	50.79 -2.73 0.00	47.47 -0.67 0.00	40.47 -0.20 0.00
OZONE_PARK_ESR 323760	41.28 2.63 0.00	38.33 2.27 0.00	37.03 2.06 0.00	34.10 1.87 0.00	32.90 1.69 0.00	35.98 1.97 0.00	39.97 1.90 0.00	39.04 2.04 0.00	38.33 2.31 0.00	36.43 2.38 0.00	36.43 2.38 0.00	39.33 2.69 -0.33	40.56 2.84 -0.34	42.26 2.96 -0.41	46.72 3.28 -0.91	48.26 3.36 -0.74	51.67 3.60 0.00	60.86 3.23 0.00	67.52 3.28 0.00	69.00 2.91 0.00	65.89 2.66 0.00	56.04 2.52 0.00	51.18 3.03 0.00	43.44 2.77 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.23 -0.43 0.00	35.81 -0.25 0.00	33.71 -1.26 0.00	31.30 -0.93 0.00	30.50 -0.72 0.00	32.79 -1.22 0.00	35.63 -2.44 0.00	34.34 -2.66 0.00	34.26 -1.77 0.00	32.89 -1.16 0.00	33.30 -0.75 0.00	35.45 -0.87 0.00	36.66 -0.71 0.00	38.04 -0.86 0.00	41.47 -1.06 0.00	43.24 -0.93 0.00	46.91 -1.15 0.00	56.19 -1.44 0.00	62.51 -1.73 0.00	63.71 -2.38 0.00	60.08 -3.16 0.00	50.79 -2.73 0.00	47.47 -0.67 0.00	40.47 -0.20 0.00
PACKARD___115KV_DUPONT_184 80571	38.23 -0.43 0.00	35.81 -0.25 0.00	33.71 -1.26 0.00	31.30 -0.93 0.00	30.50 -0.72 0.00	32.79 -1.22 0.00	35.63 -2.44 0.00	34.34 -2.66 0.00	34.26 -1.77 0.00	32.89 -1.16 0.00	33.30 -0.75 0.00	35.45 -0.87 0.00	36.66 -0.71 0.00	38.04 -0.86 0.00	41.47 -1.06 0.00	43.24 -0.93 0.00	46.91 -1.15 0.00	56.19 -1.44 0.00	62.51 -1.73 0.00	63.71 -2.38 0.00	60.08 -3.16 0.00	50.79 -2.73 0.00	47.47 -0.67 0.00	40.47 -0.20 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	41.17 2.51 0.00	38.15 2.09 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.44 1.43 0.00	39.25 1.18 0.00	38.38 1.37 0.00	37.75 1.73 0.00	35.98 1.94 0.00	35.96 1.91 -0.33	38.79 2.14 -0.34	40.07 2.35 -0.41	41.79 2.49 -0.91	46.25 2.81 -0.91	47.73 2.83 -0.74	50.95 2.88 0.00	59.47 1.84 0.01	66.04 1.80 0.00	67.55 1.45 0.00	64.50 1.26 0.00	55.13 1.61 0.00	50.70 2.55 0.00	43.32 2.64 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	41.83 3.17 0.00	38.77 2.70 0.00	37.27 2.31 0.00	34.39 2.16 0.00	33.06 1.84 0.00	35.98 1.97 0.00	39.82 1.75 0.00	38.89 1.89 0.00	38.25 2.23 0.00	36.46 2.42 0.00	36.47 2.42 0.00	39.30 2.65 -0.33	40.59 2.88 -0.34	42.34 3.03 -0.41	46.89 3.45 -0.91	48.39 3.49 -0.74	51.72 3.65 0.00	60.39 2.77 0.01	67.07 2.83 0.00	68.60 2.51 0.00	65.51 2.28 0.00	55.98 2.46 0.00	51.47 3.32 0.00	43.97 3.29 0.00
PATROON___115KV_TB1 80586	39.47 0.81 0.00	37.00 0.94 0.00	35.91 0.94 0.00	33.17 0.93 0.00	32.03 0.81 0.00	34.93 0.92 0.00	38.83 0.76 0.00	37.64 0.63 0.00	36.31 0.29 0.00	34.28 0.24 0.00	34.22 0.17 0.00	36.20 0.15 0.26	37.13 0.04 0.28	38.60 0.04 0.33	41.85 0.04 0.73	43.66 0.09 0.59	48.02 -0.05 0.00	57.63 0.00 0.00	64.11 -0.13 0.00	66.16 0.07 0.00	63.36 0.13 0.00	53.63 0.11 0.00	48.48 0.34 0.00	41.12 0.45 0.00
PATTRSNVILLE___SOLAR 323815	40.12 1.47 0.00	37.40 1.34 0.00	36.26 1.29 0.00	33.43 1.19 0.00	32.37 1.16 0.00	35.30 1.29 0.00	39.21 1.14 0.00	37.82 0.81 0.00	36.60 0.57 0.00	34.49 0.44 0.00	34.46 0.41 0.00	36.47 0.36 0.21	37.52 0.37 0.22	39.01 0.39 0.27	42.37 0.43 0.59	44.17 0.49 0.48	48.64 0.58 0.00	58.67 1.04 0.00	65.72 1.48 0.00	68.07 1.98 0.00	65.39 2.15 0.00	55.29 1.76 0.00	49.97 1.83 0.00	42.26 1.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.20 0.54 0.00	36.64 0.58 0.00	34.55 -0.42 0.00	32.04 -0.19 0.00	31.18 -0.03 0.00	33.57 -0.44 0.00	36.58 -1.48 0.00	35.01 -2.00 0.00	34.87 -1.15 0.00	33.57 -0.48 0.00	34.12 0.07 0.00	36.35 0.04 0.00	37.63 0.26 0.00	39.13 0.23 0.00	42.66 0.13 0.00	44.61 0.44 0.00	48.45 0.38 0.00	58.04 0.40 0.00	64.50 0.26 0.00	65.76 -0.33 0.00	61.91 -1.33 0.00	52.34 -1.18 0.00	48.67 0.53 0.00	41.57 0.89 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	40.74 2.09 0.00	37.90 1.84 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.63 1.56 0.00	38.52 1.52 0.00	37.68 1.66 0.00	35.58 1.53 0.00	35.55 1.50 -0.29	38.24 1.63 -0.30	39.47 1.79 -0.37	41.24 1.98 -0.81	45.47 2.13 -0.65	47.07 2.25 0.00	50.51 2.45 0.00	60.29 2.65 0.00	66.94 2.70 0.00	68.67 2.58 0.00	65.45 2.21 0.00	55.56 2.03 0.00	50.55 2.41 0.00	42.95 2.28 0.00
PEEKSKILL___ 23653	40.47 1.82 0.00	37.72 1.66 0.00	36.47 1.50 0.00	33.59 1.35 0.00	32.43 1.22 0.00	35.44 1.43 0.00	39.32 1.25 0.00	38.30 1.29 0.00	37.53 1.51 0.00	35.61 1.57 0.00	35.62 1.57 -0.32	38.38 1.74 -0.34	39.62 1.90 -0.40	41.24 1.94 -0.90	45.47 2.04 -0.72	47.05 2.16 0.00	50.37 2.31 0.00	59.65 2.02 0.00	66.11 1.86 0.00	67.68 1.58 0.00	64.69 1.46 0.00	54.97 1.45 0.00	50.02 1.88 0.00	42.55 1.87 0.00
PGE MADISON___WINDPWR 24146	41.94 3.28 0.00	39.13 3.06 0.00	37.73 2.76 0.00	34.75 2.52 0.00	33.93 2.71 0.00	36.94 2.93 0.00	41.26 3.20 0.00	39.63 2.63 0.00	38.26 2.23 0.00	35.88 1.84 0.00	35.78 1.74 0.00	38.10 1.78 0.00	39.28 1.90 0.00	41.07 2.18 0.00	45.04 2.51 0.00	46.77 2.61 0.00	51.28 3.22 0.00	61.96 4.32 0.00	69.83 5.59 0.00	72.50 6.41 0.00	69.37 6.13 0.00	58.66 5.14 0.00	53.06 4.91 0.00	44.74 4.07 0.00

PIERCEFIELD___HYD 23852	39.12 0.46 0.00	36.60 0.54 0.00	35.49 0.52 0.00	32.65 0.42 0.00	31.71 0.50 0.00	34.56 0.54 0.00	39.06 0.99 0.00	38.12 1.11 0.00	36.85 0.83 0.00	34.62 0.58 0.00	34.63 0.58 0.00	36.90 0.58 0.00	38.01 0.64 0.00	39.63 0.74 0.00	43.39 0.85 0.00	44.61 0.44 0.00	48.40 0.34 0.00	58.44 0.81 0.00	65.34 1.09 0.00	67.61 1.52 0.00	64.88 1.64 0.00	55.18 1.66 0.00	49.01 0.87 0.00	41.29 0.61 0.00
PINELAWN_CC_1 323563	41.48 2.82 0.00	38.23 2.16 0.00	37.03 2.06 0.00	33.84 1.61 0.00	32.87 1.65 0.00	35.81 1.80 0.00	39.74 1.67 0.00	38.60 1.59 0.00	38.15 2.12 0.00	36.02 1.97 0.00	36.60 2.55 0.00	39.56 2.91 -0.34	40.83 3.10 -0.35	42.46 3.15 -0.42	46.90 3.44 -0.92	48.40 3.49 -0.74	50.51 2.45 0.00	59.23 1.79 0.19	65.38 1.35 0.22	66.47 0.40 0.02	63.26 0.38 0.36	54.06 0.64 0.10	49.59 1.44 0.00	43.61 2.93 0.00
PJM_GEN_HTTP_PROXY 323702	40.78 2.12 0.00	38.67 1.95 -0.66	35.98 1.68 0.66	33.78 1.55 0.00	32.62 1.41 0.00	35.64 1.63 0.00	39.59 1.52 0.00	38.63 1.63 0.00	37.93 1.91 0.00	36.02 1.97 0.00	36.02 1.97 0.00	38.90 2.25 -0.33	40.14 2.43 -0.34	41.79 2.49 -0.41	46.13 2.68 -0.91	47.69 2.78 -0.74	51.04 2.98 0.00	60.11 2.48 0.00	66.55 2.31 0.00	68.07 1.98 0.00	65.07 1.84 0.00	58.40 1.82 -3.06	47.45 2.36 3.06	42.91 2.24 0.00
PJM_GEN_KEystone 24065	39.70 1.04 0.00	37.59 0.86 -0.66	34.72 0.42 0.66	32.62 0.39 0.00	31.59 0.38 0.00	34.32 0.31 0.00	37.84 -0.23 0.00	36.60 -0.41 0.00	36.13 0.11 0.00	34.49 0.44 0.00	34.69 0.65 0.00	37.22 0.73 -0.17	38.42 0.86 -0.18	39.93 0.82 -0.22	43.92 0.89 -0.49	45.49 0.93 -0.39	49.07 1.01 0.00	58.38 0.75 0.00	64.63 0.39 0.00	66.16 0.07 0.00	62.99 -0.25 0.00	56.47 -0.11 -3.06	46.00 0.91 3.06	41.77 1.10 0.00
PJM_GEN_NEPTUNE_PROXY 323594	40.98 2.32 0.00	38.53 1.80 -0.66	35.98 1.68 0.66	33.52 1.29 0.00	32.52 1.31 0.00	35.47 1.46 0.00	39.36 1.29 0.00	38.27 1.26 0.00	37.79 1.76 0.00	35.71 1.67 0.00	36.19 2.15 0.00	39.05 2.40 -0.33	40.30 2.58 -0.35	41.96 2.65 -0.42	46.26 2.81 -0.92	47.78 2.87 -0.74	50.37 2.31 0.00	59.36 1.73 0.00	65.78 1.54 0.00	66.75 0.66 0.00	63.36 0.50 0.38	57.27 0.69 -3.05	46.14 1.06 3.06	43.08 2.40 0.00
PJM_GEN_VFT_PROXY 323633	40.63 1.97 0.00	38.53 1.80 -0.66	35.88 1.57 0.66	33.65 1.42 0.00	32.46 1.25 0.00	35.54 1.53 0.00	39.43 1.37 0.00	38.52 1.52 0.00	37.86 1.84 0.00	35.98 1.94 0.00	35.99 1.94 0.00	38.82 2.18 -0.33	40.11 2.39 -0.34	41.68 2.37 -0.41	46.04 2.60 -0.91	47.60 2.69 -0.74	50.90 2.84 0.00	59.76 2.13 0.01	66.15 1.93 0.02	67.66 1.58 0.02	64.68 1.46 0.02	58.12 1.55 -3.05	47.26 2.17 3.06	42.75 2.07 0.00
PLATSBURG_115KV_PMLD1 355749	39.66 1.01 0.00	37.14 1.08 0.00	36.01 1.05 0.00	33.17 0.93 0.00	32.15 0.94 0.00	35.00 0.99 0.00	39.51 1.45 0.00	38.56 1.55 0.00	37.46 1.44 0.00	35.30 1.26 0.00	35.34 1.29 0.00	37.66 1.34 0.00	38.83 1.46 0.00	40.45 1.56 0.00	44.32 1.79 0.00	45.76 1.59 0.00	49.94 1.87 0.00	60.23 2.59 0.00	67.20 2.96 0.00	69.33 3.24 0.00	66.46 3.23 0.00	56.09 2.57 0.00	49.78 1.64 0.00	41.86 1.18 0.00
PLEASANTVLY___LBMP 24000	40.16 1.51 0.00	37.40 1.33 0.00	36.26 1.29 0.00	33.39 1.16 0.00	32.28 1.06 0.00	35.24 1.22 0.00	39.09 1.03 0.00	38.04 1.04 0.00	37.17 1.15 0.00	35.17 1.12 0.00	35.14 1.09 0.00	37.88 1.20 -0.37	39.03 1.27 -0.39	40.68 1.32 -0.46	45.01 1.45 -1.03	46.50 1.50 -0.83	49.65 1.59 0.00	59.02 1.38 0.00	65.53 1.28 0.00	67.22 1.12 0.00	64.19 0.95 0.00	54.54 1.02 0.00	49.64 1.49 0.00	42.22 1.55 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.47 1.82 0.00	37.65 1.59 0.00	36.47 1.50 0.00	33.59 1.35 0.00	32.43 1.22 0.00	35.44 1.43 0.00	39.36 1.29 0.00	38.30 1.30 0.00	37.50 1.48 0.00	35.54 1.50 0.00	35.51 1.46 0.00	38.29 1.63 -0.33	39.48 1.76 -0.35	41.14 1.83 -0.42	45.46 2.00 -0.93	46.95 2.03 -0.75	50.23 2.16 0.00	59.59 1.96 0.00	66.23 1.99 0.00	67.81 1.72 0.00	64.76 1.52 0.00	55.02 1.50 0.00	50.07 1.93 0.00	42.71 2.03 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.47 1.82 0.00	37.65 1.59 0.00	36.47 1.50 0.00	33.59 1.35 0.00	32.43 1.22 0.00	35.44 1.43 0.00	39.36 1.29 0.00	38.30 1.30 0.00	37.50 1.48 0.00	35.54 1.50 0.00	35.51 1.46 0.00	38.29 1.63 -0.33	39.48 1.76 -0.35	41.14 1.83 -0.42	45.46 2.00 -0.93	46.95 2.03 -0.75	50.23 2.16 0.00	59.59 1.96 0.00	66.23 1.99 0.00	67.81 1.72 0.00	64.76 1.52 0.00	55.02 1.50 0.00	50.07 1.93 0.00	42.71 2.03 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.51 1.86 0.00	37.65 1.59 0.00	36.50 1.54 0.00	33.59 1.35 0.00	32.43 1.22 0.00	35.44 1.43 0.00	39.36 1.29 0.00	38.23 1.22 0.00	37.32 1.30 0.00	35.27 1.23 0.00	35.17 1.12 0.00	37.55 1.23 0.00	38.72 1.35 0.00	40.37 1.48 0.00	44.11 1.57 0.00	45.84 1.68 0.00	49.99 1.92 0.00	59.59 1.96 0.00	66.23 1.99 0.00	68.07 1.98 0.00	65.01 1.77 0.00	55.18 1.66 0.00	50.17 2.02 0.00	42.63 1.95 0.00
POLETTI_____ 23519	40.82 2.16 0.00	37.90 1.84 0.00	36.64 1.68 0.00	33.75 1.51 0.00	32.59 1.37 0.00	35.61 1.60 0.00	39.55 1.48 0.00	38.58 1.59 0.02	37.88 1.87 0.02	36.00 1.97 0.02	36.01 1.97 0.02	38.84 2.22 -0.31	40.05 2.35 -0.33	41.74 2.45 -0.40	46.15 2.72 -0.90	47.67 2.78 -0.72	51.00 2.93 0.00	60.04 2.42 0.02	66.54 2.31 0.02	68.06 1.98 0.02	64.99 1.77 0.02	55.34 1.82 0.00	50.55 2.41 0.00	42.91 2.24 0.00
POMONA___ESR 323819	40.44 1.78 0.00	37.72 1.66 0.00	36.43 1.47 0.00	33.55 1.32 0.00	32.40 1.19 0.00	35.41 1.40 0.00	39.28 1.22 0.00	38.23 1.22 0.00	37.46 1.44 0.00	35.58 1.53 0.00	35.58 1.53 0.00	38.33 1.71 -0.31	39.53 1.83 -0.32	41.14 1.87 -0.39	45.35 1.96 -0.85	46.93 2.08 -0.69	50.32 2.26 0.00	59.65 2.02 0.00	66.04 1.80 0.00	67.68 1.58 0.00	64.69 1.46 0.00	54.91 1.39 0.00	50.02 1.88 0.00	42.55 1.87 0.00
PORT_JEFF_3 23555	41.48 2.82 0.00	38.04 1.98 0.00	36.96 1.99 0.00	33.75 1.52 0.00	32.84 1.62 0.00	35.68 1.67 0.00	39.55 1.48 0.00	38.34 1.33 0.00	37.93 1.91 0.00	35.75 1.70 0.00	36.43 2.38 0.00	39.49 2.83 -0.33	40.82 3.10 -0.35	42.42 3.11 -0.42	46.94 3.49 -0.92	48.45 3.53 -0.74	51.00 2.93 0.00	59.31 2.19 0.51	65.51 1.86 0.59	66.90 0.86 0.05	63.19 0.38 0.43	54.17 0.85 0.21	49.39 1.25 0.00	43.56 2.89 0.00
PORT_JEFF_4 23616	41.48 2.82 0.00	38.04 1.98 0.00	36.96 1.99 0.00	33.75 1.52 0.00	32.84 1.62 0.00	35.68 1.67 0.00	39.55 1.48 0.00	38.34 1.33 0.00	37.93 1.91 0.00	35.75 1.70 0.00	36.43 2.38 0.00	39.49 2.83 -0.33	40.82 3.10 -0.35	42.42 3.11 -0.42	46.94 3.49 -0.92	48.45 3.53 -0.74	51.00 2.93 0.00	59.31 2.19 0.51	65.51 1.86 0.59	66.90 0.86 0.05	63.19 0.38 0.43	54.17 0.85 0.21	49.39 1.25 0.00	43.56 2.89 0.00

PORT_JEFF_IC 23713	41.67 3.02 0.00	38.05 1.98 0.00	36.99 2.03 0.00	33.78 1.55 0.00	32.87 1.65 0.00	35.71 1.70 0.00	39.59 1.52 0.00	38.38 1.37 0.00	37.97 1.95 0.00	35.78 1.74 0.00	36.50 2.45 0.00	39.55 2.91 -0.33	40.82 3.10 -0.34	42.49 3.19 -0.41	47.11 3.66 -0.91	48.57 3.67 -0.74	51.52 3.46 0.00	59.42 2.48 0.69	65.94 2.51 0.81	67.55 1.52 0.07	63.41 0.63 0.46	54.32 1.07 0.27	50.07 1.93 0.00	43.77 3.09 0.00
PPL PILGRIM_ST_GT1 24216	41.79 3.13 0.00	38.40 2.34 0.00	37.24 2.27 0.00	33.97 1.74 0.00	33.06 1.84 0.00	35.95 1.94 0.00	39.89 1.83 0.00	38.71 1.70 0.00	38.29 2.27 0.00	36.12 2.08 0.00	36.77 2.72 0.00	39.78 3.12 -0.33	41.09 3.36 -0.35	42.74 3.42 -0.42	47.24 3.78 -0.92	48.71 3.80 -0.74	51.19 3.12 0.00	60.24 2.60 -0.01	66.75 2.50 0.00	67.51 1.45 0.04	63.87 1.07 0.45	54.44 1.18 0.26	49.73 1.59 0.00	43.89 3.21 0.00
PPL PILGRIM_ST_GT2 24217	41.79 3.13 0.00	38.40 2.34 0.00	37.24 2.27 0.00	33.97 1.74 0.00	33.06 1.84 0.00	35.95 1.94 0.00	39.89 1.83 0.00	38.71 1.70 0.00	38.29 2.27 0.00	36.12 2.08 0.00	36.77 2.72 0.00	39.78 3.12 -0.33	41.09 3.36 -0.35	42.74 3.42 -0.42	47.24 3.78 -0.92	48.71 3.80 -0.74	51.19 3.12 0.00	60.24 2.60 -0.01	66.75 2.50 0.00	67.51 1.45 0.04	63.87 1.07 0.45	54.44 1.18 0.26	49.73 1.59 0.00	43.89 3.21 0.00
PPL_SHRM_GT3 24213	41.29 2.63 0.00	37.65 1.58 0.00	36.78 1.82 0.00	33.65 1.42 0.00	32.77 1.56 0.00	35.44 1.43 0.00	39.28 1.22 0.00	37.93 0.93 0.00	37.57 1.55 0.00	35.37 1.33 0.00	36.12 2.08 0.00	39.19 2.54 -0.33	40.53 2.80 -0.35	42.15 2.84 -0.42	46.69 3.23 -0.92	48.18 3.27 -0.74	50.85 2.79 0.00	59.40 2.31 0.54	65.73 2.12 0.63	67.03 0.99 0.05	63.24 0.45 0.44	53.99 0.69 0.22	49.06 0.91 0.00	43.24 2.56 0.00
PPL_SHRM_GT4 24214	41.29 2.63 0.00	37.65 1.58 0.00	36.78 1.82 0.00	33.65 1.42 0.00	32.77 1.56 0.00	35.44 1.43 0.00	39.28 1.22 0.00	37.93 0.93 0.00	37.57 1.55 0.00	35.37 1.33 0.00	36.12 2.08 0.00	39.19 2.54 -0.33	40.53 2.80 -0.35	42.15 2.84 -0.42	46.69 3.23 -0.92	48.18 3.27 -0.74	50.85 2.79 0.00	59.40 2.31 0.54	65.73 2.12 0.63	67.03 0.99 0.05	63.24 0.45 0.44	53.99 0.69 0.22	49.06 0.91 0.00	43.24 2.56 0.00
PROJECT___ORANGE 1 24174	38.54 -0.12 0.00	35.92 -0.14 0.00	34.72 -0.24 0.00	32.04 -0.19 0.00	31.06 -0.16 0.00	33.81 -0.20 0.00	37.72 -0.34 0.00	36.53 -0.48 0.00	35.63 -0.40 0.00	33.74 -0.31 0.00	33.81 -0.24 0.00	36.10 -0.22 0.00	37.07 -0.30 0.00	38.54 -0.35 0.00	42.15 -0.38 0.00	43.81 -0.35 0.00	47.73 -0.34 0.00	57.23 -0.40 0.00	63.92 -0.32 0.00	65.76 -0.33 0.00	62.86 -0.38 0.00	53.15 -0.37 0.00	48.10 -0.05 0.00	40.64 -0.04 0.00
PROJECT___ORANGE 2 24166	38.54 -0.12 0.00	35.92 -0.14 0.00	34.72 -0.24 0.00	32.04 -0.19 0.00	31.06 -0.16 0.00	33.81 -0.20 0.00	37.72 -0.34 0.00	36.53 -0.48 0.00	35.63 -0.40 0.00	33.74 -0.31 0.00	33.81 -0.24 0.00	36.10 -0.22 0.00	37.07 -0.30 0.00	38.54 -0.35 0.00	42.15 -0.38 0.00	43.81 -0.35 0.00	47.73 -0.34 0.00	57.23 -0.40 0.00	63.92 -0.32 0.00	65.76 -0.33 0.00	62.86 -0.38 0.00	53.15 -0.37 0.00	48.10 -0.05 0.00	40.64 -0.04 0.00
PUCKETT___SOLAR 323809	39.93 1.27 0.00	37.18 1.12 0.00	35.87 0.91 0.00	33.07 0.84 0.00	32.12 0.91 0.00	34.93 0.92 0.00	38.87 0.80 0.00	37.41 0.41 0.00	36.42 0.40 0.00	34.42 0.38 0.00	34.42 0.38 0.00	36.68 0.36 0.00	37.78 0.41 0.00	39.36 0.47 0.00	43.13 0.60 0.00	44.78 0.62 0.00	48.93 0.87 0.00	58.85 1.21 0.00	65.85 1.61 0.00	67.94 1.85 0.00	64.95 1.71 0.00	54.91 1.39 0.00	49.93 1.78 0.00	42.26 1.58 0.00
PYRITES___HYD 24023	39.62 0.97 0.00	37.14 1.08 0.00	35.98 1.01 0.00	33.10 0.87 0.00	32.21 1.00 0.00	35.10 1.09 0.00	39.70 1.64 0.00	38.60 1.59 0.00	37.21 1.19 0.00	34.86 0.82 0.00	34.83 0.78 0.00	37.08 0.76 0.00	38.23 0.86 0.00	39.86 0.97 0.00	43.68 1.15 0.00	44.96 0.79 0.00	48.88 0.82 0.00	59.19 1.56 0.00	66.36 2.12 0.00	68.93 2.84 0.00	66.21 2.97 0.00	56.25 2.73 0.00	49.78 1.64 0.00	41.90 1.22 0.00
QUAKERRD_115KV_BK1 80622	38.11 -0.54 0.00	35.59 -0.47 0.00	34.06 -0.91 0.00	31.49 -0.74 0.00	30.59 -0.62 0.00	33.16 -0.85 0.00	36.77 -1.29 0.00	35.71 -1.30 0.00	35.12 -0.90 0.00	33.36 -0.68 0.00	33.54 -0.51 0.00	35.85 -0.47 0.00	36.96 -0.41 0.00	38.39 -0.51 0.00	41.98 -0.55 0.00	43.68 -0.49 0.00	47.58 -0.48 0.00	57.17 -0.46 0.00	63.92 -0.32 0.00	65.50 -0.59 0.00	62.42 -0.82 0.00	52.72 -0.80 0.00	48.10 -0.05 0.00	40.59 -0.08 0.00
QUENSBRY_115KV_TB8 356137	40.28 1.62 0.00	37.47 1.41 0.00	36.26 1.29 0.00	33.42 1.19 0.00	32.37 1.15 0.00	35.34 1.33 0.00	39.32 1.26 0.00	38.04 1.04 0.00	36.67 0.65 0.00	34.49 0.44 0.00	34.12 0.07 0.00	36.11 0.07 0.28	37.11 0.04 0.30	38.61 0.08 0.36	41.91 0.17 0.79	43.84 0.31 0.64	48.40 0.34 0.00	58.50 0.86 0.00	65.98 1.73 0.00	68.60 2.51 0.00	66.15 2.91 0.00	55.82 2.30 0.00	50.31 2.17 0.00	42.55 1.87 0.00
RAMAPO___LBMP 323565	40.36 1.70 0.00	37.54 1.48 0.00	36.33 1.36 0.00	33.46 1.22 0.00	32.31 1.09 0.00	35.30 1.29 0.00	39.17 1.10 0.00	38.12 1.11 0.00	37.35 1.33 0.00	35.44 1.40 0.00	35.48 1.43 0.00	38.18 1.56 -0.30	39.37 1.68 -0.32	40.98 1.71 -0.38	45.25 1.87 -0.84	46.74 1.90 -0.68	50.08 2.02 0.00	59.42 1.79 0.00	65.85 1.61 0.00	67.48 1.39 0.00	64.44 1.20 0.00	54.75 1.23 0.00	49.88 1.73 0.00	42.38 1.71 0.00
RANKINE____ 23646	39.43 0.77 0.00	36.89 0.83 0.00	34.79 -0.17 0.00	32.26 0.03 0.00	31.43 0.22 0.00	33.81 -0.20 0.00	36.81 -1.26 0.00	35.38 -1.63 0.00	35.23 -0.79 0.00	33.87 -0.17 0.00	34.39 0.34 0.00	36.65 0.33 0.00	37.93 0.56 0.00	39.44 0.54 0.00	42.96 0.43 0.00	44.92 0.75 0.00	48.69 0.62 0.00	58.27 0.63 0.00	64.82 0.58 0.00	66.09 0.00 0.00	62.29 -0.95 0.00	52.72 -0.80 0.00	49.06 0.91 0.00	41.82 1.14 0.00
RAVENSWOOD_GT2_1 24244	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.93 1.91 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.90 2.25 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.21 2.76 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT2_2 24245	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.93 1.91 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.90 2.25 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.21 2.76 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00

RAVENSWOOD_GT2_3 24246	40.90 2.24 0.00	38.01 1.95 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.66 1.60 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.25 2.81 -0.91	47.77 2.87 -0.74	51.09 3.03 0.00	60.17 2.54 0.00	66.75 2.51 0.00	68.27 2.18 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT2_4 24247	40.90 2.24 0.00	38.01 1.95 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.66 1.60 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.09 2.04 0.00	36.09 2.04 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.25 2.81 -0.91	47.77 2.87 -0.74	51.09 3.03 0.00	60.17 2.54 0.00	66.75 2.51 0.00	68.27 2.18 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT3_1 24248	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.25 2.81 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT3_2 24249	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.25 2.81 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT3_3 24250	40.94 2.28 0.00	38.05 1.98 0.00	36.78 1.82 0.00	33.88 1.64 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.70 1.64 0.00	38.71 1.70 0.00	38.00 1.98 0.00	36.12 2.08 0.00	36.13 2.08 0.00	38.97 2.32 -0.33	40.22 2.50 -0.34	41.91 2.61 -0.41	46.30 2.85 -0.91	47.82 2.91 -0.74	51.14 3.08 0.00	60.29 2.65 0.00	66.81 2.57 0.00	68.34 2.25 0.00	65.26 2.02 0.00	55.56 2.03 0.00	50.74 2.60 0.00	43.08 2.40 0.00
RAVENSWOOD_GT3_4 24251	40.94 2.28 0.00	38.05 1.98 0.00	36.78 1.82 0.00	33.88 1.64 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.70 1.64 0.00	38.71 1.70 0.00	38.00 1.98 0.00	36.12 2.08 0.00	36.13 2.08 0.00	38.97 2.32 -0.33	40.22 2.50 -0.34	41.91 2.61 -0.41	46.30 2.85 -0.91	47.82 2.91 -0.74	51.14 3.08 0.00	60.29 2.65 0.00	66.81 2.57 0.00	68.34 2.25 0.00	65.26 2.02 0.00	55.56 2.03 0.00	50.74 2.60 0.00	43.08 2.40 0.00
RAVENSWOOD_GT_1 23729	41.09 2.44 0.00	38.12 2.06 0.00	36.75 1.78 0.00	33.88 1.64 0.00	32.65 1.44 0.00	35.61 1.60 0.00	39.47 1.41 0.00	38.60 1.59 0.00	37.97 1.95 0.00	36.15 2.11 0.00	36.16 2.11 0.00	39.01 2.36 -0.33	40.29 2.58 -0.34	42.03 2.72 -0.41	46.47 3.02 -0.91	47.95 3.05 -0.74	51.24 3.17 0.00	59.88 2.25 0.00	66.36 2.12 0.00	67.88 1.78 0.00	64.82 1.58 0.00	55.34 1.82 0.00	50.74 2.60 0.00	43.24 2.56 0.00
RAVENSWOOD_GT_10 24258	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.21 2.76 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.27 2.18 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT_11 24259	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.21 2.76 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.27 2.18 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT_4 24252	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.25 2.81 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT_5 24254	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.25 2.81 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT_6 24253	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.25 2.81 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT_7 24255	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.25 2.81 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.21 2.11 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.21 2.76 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.27 2.18 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RAVENSWOOD_GT_9 24257	40.90 2.24 0.00	37.97 1.91 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.95 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.15 2.43 -0.34	41.83 2.53 -0.41	46.21 2.76 -0.91	47.73 2.83 -0.74	51.04 2.98 0.00	60.17 2.54 0.00	66.68 2.44 0.00	68.27 2.18 0.00	65.14 1.90 0.00	55.45 1.93 0.00	50.65 2.50 0.00	42.99 2.32 0.00

RAVENSWOOD___1 23533	41.06 2.40 -0.01	38.19 2.13 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.62 1.41 0.00	35.54 1.53 0.00	39.43 1.37 0.00	38.56 1.55 0.00	37.93 1.91 0.00	36.12 2.08 0.00	36.13 2.08 0.00	39.00 2.36 -0.33	40.29 2.58 -0.34	41.98 2.68 -0.41	46.38 2.93 -0.91	47.95 3.05 -0.74	51.28 3.22 0.00	59.88 2.25 0.00	66.16 1.93 0.01	67.74 1.65 0.01	64.75 1.52 0.01	55.23 1.71 0.00	50.60 2.45 0.00	43.21 2.52 -0.01
RAVENSWOOD___2 23534	41.06 2.40 -0.01	38.19 2.13 0.00	36.68 1.71 0.00	33.84 1.61 0.00	32.62 1.41 0.00	35.54 1.53 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.12 2.08 0.00	36.13 2.08 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	41.98 2.68 -0.41	46.38 2.93 -0.91	47.95 3.05 -0.74	51.28 3.22 0.00	59.88 2.25 0.00	66.16 1.93 0.01	67.67 1.58 0.01	64.69 1.46 0.01	55.23 1.71 0.00	50.60 2.45 0.00	43.21 2.52 -0.01
RAVENSWOOD___3 23535	40.86 2.20 0.00	38.04 1.98 0.00	36.71 1.75 0.00	33.81 1.58 0.00	32.65 1.44 0.00	35.68 1.67 0.00	39.63 1.56 0.00	38.67 1.67 0.00	37.97 1.94 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.93 2.29 -0.33	40.18 2.47 -0.34	41.83 2.53 -0.41	46.17 2.72 -0.91	47.73 2.83 -0.74	51.09 3.03 0.00	60.17 2.53 0.00	66.62 2.38 0.00	68.14 2.05 0.00	65.13 1.90 0.00	55.39 1.87 0.00	50.55 2.41 0.00	42.95 2.28 0.00
RAVENSWOOD___4 23820	41.06 2.40 -0.01	38.19 2.13 0.00	36.64 1.68 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.49 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.12 2.08 0.00	36.09 2.04 0.00	38.97 2.33 -0.33	40.29 2.58 -0.34	41.98 2.68 -0.41	46.38 2.93 -0.91	47.95 3.05 -0.74	51.28 3.22 0.00	59.82 2.19 0.00	66.10 1.86 0.01	67.60 1.52 0.01	64.62 1.39 0.01	55.18 1.66 0.00	50.60 2.45 0.00	43.21 2.52 -0.01
RCPL_TRUST___DRP 24196	40.90 2.24 0.00	37.97 1.91 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.66 1.60 0.00	38.71 1.70 0.00	38.00 1.98 0.00	36.12 2.08 0.00	36.13 2.08 0.00	38.97 2.32 -0.33	40.18 2.47 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.29 2.65 0.00	66.81 2.57 0.00	68.34 2.25 0.00	65.20 1.96 0.00	55.50 1.98 0.00	50.65 2.50 0.00	42.99 2.32 0.00
RED___ROCHESTER 323720	39.58 0.93 0.00	36.75 0.68 0.00	35.11 0.14 0.00	32.43 0.19 0.00	31.53 0.31 0.00	34.11 0.10 0.00	37.72 -0.34 0.00	36.60 -0.41 0.00	36.17 0.14 0.00	34.35 0.31 0.00	34.63 0.58 0.00	37.01 0.69 0.00	38.19 0.82 0.00	39.71 0.82 0.00	43.68 1.15 0.00	45.22 1.06 0.00	49.22 1.15 0.00	59.19 1.56 0.00	66.11 1.86 0.00	67.88 1.79 0.00	64.57 1.33 0.00	54.54 1.01 0.00	49.93 1.78 0.00	42.10 1.42 0.00
REGAN___SOLAR 323812	41.52 2.86 0.00	38.66 2.60 0.00	37.41 2.45 0.00	34.49 2.26 0.00	33.46 2.25 0.00	36.49 2.48 0.00	40.50 2.44 0.00	38.86 1.85 0.00	37.43 1.40 0.00	35.23 1.19 0.00	35.21 1.16 0.00	37.21 1.09 0.19	38.29 1.12 0.20	39.81 1.17 0.24	43.27 1.27 0.54	45.27 1.55 0.44	49.84 1.78 0.00	60.46 2.82 0.00	67.90 3.66 0.00	70.98 4.89 0.00	68.36 5.12 0.00	57.70 4.18 0.00	52.04 3.90 0.00	43.89 3.21 0.00
RENSSELAER___COGEN 23796	39.20 0.54 0.00	36.60 0.54 0.00	35.73 0.77 0.00	32.97 0.74 0.00	31.87 0.66 0.00	34.73 0.72 0.00	38.64 0.57 0.00	37.45 0.45 0.00	36.13 0.11 0.00	34.11 0.07 0.00	34.05 0.00 0.25	36.03 -0.04 0.27	36.88 -0.22 0.32	38.34 -0.23 0.32	41.48 -0.34 0.71	43.33 -0.26 0.57	47.68 -0.39 0.00	57.17 -0.46 0.00	63.66 -0.58 0.00	65.50 -0.60 0.00	62.73 -0.51 0.00	53.15 -0.37 0.00	48.05 -0.10 0.00	40.80 0.12 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.56 2.90 0.00	38.66 2.60 0.00	37.34 2.38 0.00	34.39 2.16 0.00	33.37 2.15 0.00	36.39 2.38 0.00	40.46 2.40 0.00	39.00 2.00 0.00	37.43 1.40 0.00	35.10 1.06 0.00	34.73 0.68 0.00	36.76 0.73 0.29	37.74 0.67 0.30	39.39 0.86 0.36	42.75 1.02 0.80	44.80 1.28 0.65	49.51 1.44 0.00	60.23 2.59 0.00	68.16 3.92 0.00	71.38 5.29 0.00	69.06 5.82 0.00	58.18 4.66 0.00	52.33 4.19 0.00	44.13 3.46 0.00
REVERE_CPPR_DRP 24186	40.36 1.70 0.00	37.68 1.62 0.00	36.47 1.50 0.00	33.52 1.29 0.00	32.65 1.44 0.00	35.61 1.60 0.00	39.85 1.79 0.00	38.60 1.59 0.00	37.35 1.33 0.00	35.10 1.06 0.00	35.04 0.99 0.00	37.37 1.05 0.00	38.49 1.12 0.00	40.25 1.36 0.00	44.02 1.49 0.00	45.62 1.46 0.00	49.84 1.78 0.00	60.00 2.36 0.00	67.33 3.08 0.00	69.66 3.57 0.00	66.72 3.48 0.00	56.57 3.05 0.00	50.84 2.70 0.00	42.83 2.16 0.00
REYNLDPA_13_KV_LD 356490	38.73 0.08 0.00	36.21 0.14 0.00	35.14 0.17 0.00	32.36 0.13 0.00	31.34 0.12 0.00	34.15 0.14 0.00	38.56 0.49 0.00	37.60 0.59 0.00	36.49 0.47 0.00	34.38 0.34 0.00	34.42 0.37 0.00	36.68 0.36 0.00	37.78 0.41 0.00	39.32 0.43 0.00	43.05 0.51 0.00	44.48 0.31 0.00	48.45 0.38 0.00	58.33 0.69 0.00	65.08 0.84 0.00	67.08 0.99 0.00	64.25 1.01 0.00	54.38 0.86 0.00	48.29 0.14 0.00	40.72 0.04 0.00
REYNOLDS_115KV_TB3 80639	39.54 0.89 0.00	37.00 0.94 0.00	35.87 0.91 0.00	33.10 0.87 0.00	31.99 0.78 0.00	34.90 0.88 0.00	38.79 0.72 0.00	37.60 0.59 0.00	36.38 0.36 0.00	34.35 0.31 0.00	34.25 0.20 0.00	36.19 0.18 0.31	37.16 0.11 0.32	38.62 0.12 0.39	41.76 0.09 0.86	43.61 0.13 0.69	48.11 0.05 0.00	57.69 0.06 0.00	64.24 0.00 0.00	66.16 0.07 0.00	63.36 0.13 0.00	53.63 0.11 0.00	48.58 0.43 0.00	41.16 0.49 0.00
RIVERBAY____ 323610	41.83 3.17 0.00	38.77 2.70 0.00	37.27 2.31 0.00	34.39 2.16 0.00	33.06 1.84 0.00	35.98 1.97 0.00	39.82 1.75 0.00	38.89 1.89 0.00	38.25 2.23 0.00	36.46 2.42 0.00	36.47 2.42 0.00	39.30 2.65 -0.33	40.59 2.88 -0.34	42.34 3.03 -0.41	46.89 3.45 -0.91	48.39 3.49 -0.74	51.72 3.65 0.00	60.39 2.77 0.01	67.07 2.83 0.00	68.60 2.51 0.00	65.51 2.28 0.00	55.98 2.46 0.00	51.47 3.32 0.00	43.97 3.29 0.00
RIVERSDE_115KV_TB3 55908	39.43 0.77 0.00	36.93 0.87 0.00	35.84 0.87 0.00	33.10 0.87 0.00	31.96 0.75 0.00	34.86 0.85 0.00	38.75 0.69 0.00	37.56 0.56 0.00	36.31 0.29 0.00	34.25 0.20 0.00	34.18 0.14 0.00	36.15 0.11 0.28	37.11 0.04 0.30	38.54 0.00 0.36	41.70 -0.04 0.79	43.57 0.04 0.64	47.97 -0.10 0.00	57.52 -0.12 0.00	64.05 -0.19 0.00	65.96 -0.13 0.00	63.18 -0.06 0.00	53.52 0.00 0.00	48.43 0.29 0.00	41.08 0.41 0.00
ROARING___BROOK_WT_PWR 323790	38.58 -0.08 0.00	36.03 -0.04 0.00	34.93 -0.03 0.00	32.20 -0.03 0.00	31.21 0.00 0.00	34.01 0.00 0.00	38.14 0.08 0.00	37.12 0.11 0.00	36.09 0.07 0.00	34.08 0.03 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.37 0.00 0.00	38.93 0.04 0.00	42.58 0.04 0.00	44.17 0.00 0.00	48.06 0.00 0.00	57.69 0.06 0.00	64.31 0.06 0.00	66.22 0.13 0.00	63.37 0.13 0.00	53.68 0.16 0.00	48.14 0.00 0.00	40.64 -0.04 0.00

ROCHESRG_115KV_T4 355643	39.00 0.35 0.00	36.42 0.36 0.00	34.79 -0.17 0.00	32.17 -0.06 0.00	31.25 0.03 0.00	33.84 -0.17 0.00	37.42 -0.65 0.00	36.30 -0.70 0.00	35.81 -0.22 0.00	34.04 0.00 0.00	34.25 0.20 0.00	36.61 0.29 0.00	37.78 0.41 0.00	39.24 0.35 0.00	42.88 0.34 0.00	44.65 0.49 0.00	48.59 0.53 0.00	58.38 0.75 0.00	65.27 1.03 0.00	66.88 0.79 0.00	63.68 0.44 0.00	53.74 0.21 0.00	49.20 1.06 0.00	41.53 0.85 0.00
ROCHESTER_9_IC 23652	39.16 0.50 0.00	36.57 0.50 0.00	34.90 -0.07 0.00	32.30 0.06 0.00	31.37 0.16 0.00	33.94 -0.07 0.00	37.57 -0.49 0.00	36.45 -0.56 0.00	35.95 -0.07 0.00	34.18 0.14 0.00	34.42 0.37 0.00	36.79 0.47 0.00	37.97 0.60 0.00	39.44 0.54 0.00	43.13 0.60 0.00	44.92 0.75 0.00	48.88 0.82 0.00	58.73 1.10 0.00	65.72 1.48 0.00	67.28 1.19 0.00	64.06 0.82 0.00	54.11 0.59 0.00	49.49 1.35 0.00	41.77 1.10 0.00
ROCKVIEW_13_KV_LD 356306	40.90 2.24 0.00	38.01 1.95 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.68 1.47 0.00	35.75 1.73 0.00	39.70 1.64 0.00	38.71 1.70 0.00	37.93 1.91 0.00	36.02 1.97 0.00	36.06 2.01 0.00	38.90 2.25 -0.33	40.11 2.39 -0.34	41.79 2.49 -0.41	46.17 2.72 -0.91	47.68 2.78 -0.74	51.00 2.93 0.00	60.34 2.71 0.00	67.01 2.76 0.00	68.54 2.45 0.00	65.39 2.15 0.00	55.61 2.09 0.00	50.70 2.55 0.00	42.95 2.28 0.00
ROME____115KV_TB2 80656	40.36 1.70 0.00	37.68 1.62 0.00	36.47 1.50 0.00	33.52 1.29 0.00	32.65 1.44 0.00	35.61 1.60 0.00	39.85 1.79 0.00	38.60 1.59 0.00	37.35 1.33 0.00	35.10 1.06 0.00	35.04 0.99 0.00	37.37 1.05 0.00	38.49 1.12 0.00	40.25 1.36 0.00	44.02 1.49 0.00	45.62 1.46 0.00	49.84 1.78 0.00	60.00 2.36 0.00	67.33 3.08 0.00	69.66 3.57 0.00	66.72 3.48 0.00	56.57 3.05 0.00	50.84 2.70 0.00	42.83 2.16 0.00
ROSETON___1 23587	40.09 1.43 0.00	37.40 1.34 0.00	36.19 1.22 0.00	33.36 1.13 0.00	32.21 1.00 0.00	35.20 1.19 0.00	39.05 0.99 0.00	37.97 0.96 0.00	37.14 1.12 0.00	35.13 1.09 0.00	35.11 1.06 0.00	37.75 1.13 -0.30	38.92 1.23 -0.32	40.52 1.24 -0.38	44.70 1.32 -0.84	46.26 1.41 -0.68	49.56 1.49 0.00	58.90 1.27 0.00	65.33 1.09 0.00	67.02 0.92 0.00	64.06 0.82 0.00	54.38 0.85 0.00	49.54 1.40 0.00	42.18 1.51 0.00
ROSETON___2 23588	40.09 1.43 0.00	37.40 1.34 0.00	36.19 1.22 0.00	33.36 1.13 0.00	32.21 1.00 0.00	35.20 1.19 0.00	39.05 0.99 0.00	37.97 0.96 0.00	37.14 1.12 0.00	35.13 1.09 0.00	35.11 1.06 0.00	37.75 1.13 -0.30	38.92 1.23 -0.32	40.52 1.24 -0.38	44.70 1.32 -0.84	46.26 1.41 -0.68	49.56 1.49 0.00	58.90 1.27 0.00	65.33 1.09 0.00	67.02 0.92 0.00	64.06 0.82 0.00	54.38 0.85 0.00	49.54 1.40 0.00	42.18 1.51 0.00
ROTTRDAM_115KV_TB3 80664	39.70 1.04 0.00	36.96 0.90 0.00	35.91 0.94 0.00	33.10 0.87 0.00	32.03 0.81 0.00	34.93 0.92 0.00	38.86 0.80 0.00	37.60 0.59 0.00	36.53 0.50 0.00	34.45 0.41 0.00	34.39 0.34 0.00	36.46 0.36 0.22	37.52 0.37 0.23	39.00 0.39 0.28	42.35 0.43 0.61	44.16 0.49 0.49	48.59 0.53 0.00	58.38 0.75 0.00	65.14 0.90 0.00	67.22 1.12 0.00	64.44 1.20 0.00	54.54 1.02 0.00	49.30 1.16 0.00	41.73 1.06 0.00
RUSSELL___1 23602	39.39 0.73 0.00	36.75 0.69 0.00	35.07 0.10 0.00	32.43 0.19 0.00	31.53 0.31 0.00	34.11 0.10 0.00	37.72 -0.34 0.00	36.60 -0.41 0.00	36.13 0.11 0.00	34.35 0.31 0.00	34.63 0.58 0.00	37.01 0.69 0.00	38.19 0.82 0.00	39.71 0.82 0.00	43.43 0.89 0.00	45.23 1.06 0.00	49.27 1.20 0.00	59.19 1.56 0.00	66.23 1.99 0.00	67.88 1.78 0.00	64.57 1.33 0.00	54.54 1.02 0.00	49.83 1.69 0.00	42.06 1.38 0.00
RUSSELL___2 23532	39.39 0.73 0.00	36.75 0.69 0.00	35.07 0.10 0.00	32.43 0.19 0.00	31.53 0.31 0.00	34.11 0.10 0.00	37.72 -0.34 0.00	36.60 -0.41 0.00	36.13 0.11 0.00	34.35 0.31 0.00	34.63 0.58 0.00	37.01 0.69 0.00	38.19 0.82 0.00	39.71 0.82 0.00	43.43 0.89 0.00	45.23 1.06 0.00	49.27 1.20 0.00	59.19 1.56 0.00	66.23 1.99 0.00	67.88 1.78 0.00	64.57 1.33 0.00	54.54 1.02 0.00	49.83 1.69 0.00	42.06 1.38 0.00
RUSSELL___3 23549	39.39 0.73 0.00	36.75 0.69 0.00	35.07 0.10 0.00	32.43 0.19 0.00	31.53 0.31 0.00	34.11 0.10 0.00	37.72 -0.34 0.00	36.60 -0.41 0.00	36.13 0.11 0.00	34.35 0.31 0.00	34.63 0.58 0.00	37.01 0.69 0.00	38.19 0.82 0.00	39.71 0.82 0.00	43.43 0.89 0.00	45.23 1.06 0.00	49.27 1.20 0.00	59.19 1.56 0.00	66.23 1.99 0.00	67.88 1.78 0.00	64.57 1.33 0.00	54.54 1.02 0.00	49.83 1.69 0.00	42.06 1.38 0.00
RUSSELL___4 23556	39.39 0.73 0.00	36.75 0.69 0.00	35.07 0.10 0.00	32.43 0.19 0.00	31.53 0.31 0.00	34.11 0.10 0.00	37.72 -0.34 0.00	36.60 -0.41 0.00	36.13 0.11 0.00	34.35 0.31 0.00	34.63 0.58 0.00	37.01 0.69 0.00	38.19 0.82 0.00	39.71 0.82 0.00	43.43 0.89 0.00	45.23 1.06 0.00	49.27 1.20 0.00	59.19 1.56 0.00	66.23 1.99 0.00	67.88 1.78 0.00	64.57 1.33 0.00	54.54 1.02 0.00	49.83 1.69 0.00	42.06 1.38 0.00
RUSSELL___STATION 23914	39.39 0.73 0.00	36.75 0.69 0.00	35.07 0.10 0.00	32.43 0.19 0.00	31.53 0.31 0.00	34.11 0.10 0.00	37.72 -0.34 0.00	36.60 -0.41 0.00	36.13 0.11 0.00	34.35 0.31 0.00	34.63 0.58 0.00	37.01 0.69 0.00	38.19 0.82 0.00	39.71 0.82 0.00	43.43 0.89 0.00	45.23 1.06 0.00	49.27 1.20 0.00	59.19 1.56 0.00	66.23 1.99 0.00	67.88 1.78 0.00	64.57 1.33 0.00	54.54 1.02 0.00	49.83 1.69 0.00	42.06 1.38 0.00
S SALMON___HYD 24043	39.00 0.35 0.00	36.35 0.29 0.00	35.14 0.18 0.00	32.36 0.13 0.00	31.46 0.25 0.00	34.25 0.24 0.00	38.30 0.23 0.00	37.08 0.07 0.00	35.99 -0.04 0.00	33.91 -0.14 0.00	33.91 -0.14 0.00	36.17 -0.14 0.00	37.22 -0.15 0.00	38.74 -0.15 0.00	42.41 -0.13 0.00	44.03 -0.13 0.00	47.87 -0.19 0.00	57.52 -0.12 0.00	64.37 0.13 0.00	66.56 0.47 0.00	63.74 0.50 0.00	54.06 0.54 0.00	48.96 0.82 0.00	41.29 0.61 0.00
S.PERRY__115KV_TB1 80734	40.59 1.93 0.00	37.86 1.80 0.00	36.08 1.12 0.00	33.39 1.16 0.00	32.46 1.25 0.00	35.13 1.12 0.00	38.79 0.72 0.00	37.30 0.30 0.00	36.45 0.43 0.00	34.49 0.44 0.00	34.63 0.58 0.00	36.97 0.65 0.00	38.16 0.78 0.00	39.63 0.74 0.00	43.34 0.81 0.00	45.23 1.06 0.00	49.55 1.49 0.00	57.81 0.17 0.00	65.21 0.96 0.00	67.55 1.45 0.00	64.63 1.39 0.00	54.59 1.07 0.00	49.97 1.83 0.00	43.44 2.77 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.16 0.50 0.00	36.64 0.58 0.00	34.51 -0.45 0.00	32.04 -0.19 0.00	31.21 0.00 0.00	33.57 -0.44 0.00	36.54 -1.52 0.00	35.16 -1.85 0.00	35.01 -1.01 0.00	33.64 -0.41 0.00	34.12 0.07 0.00	36.35 0.04 0.00	37.60 0.22 0.00	39.05 0.16 0.00	42.58 0.04 0.00	44.43 0.26 0.00	48.21 0.14 0.00	57.75 0.12 0.00	64.24 0.00 0.00	65.50 -0.59 0.00	61.78 -1.45 0.00	52.24 -1.28 0.00	48.67 0.53 0.00	41.45 0.77 0.00

SAWYER___23_KV_LOAD 55526	39.16 0.50 0.00	36.64 0.58 0.00	34.51 -0.45 0.00	32.04 -0.19 0.00	31.21 0.00 0.00	33.57 -0.44 0.00	36.54 -1.52 0.00	35.16 -1.85 0.00	35.01 -1.01 0.00	33.64 -0.41 0.00	34.12 0.07 0.00	36.35 0.04 0.00	37.60 0.22 0.00	39.05 0.16 0.00	42.58 0.04 0.00	44.43 0.26 0.00	48.21 0.14 0.00	57.75 0.12 0.00	64.24 0.00 0.00	65.50 -0.59 0.00	61.78 -1.45 0.00	52.24 -1.28 0.00	48.67 0.53 0.00	41.45 0.77 0.00
SELKIRK___I 23801	39.51 0.85 0.00	36.85 0.79 0.00	35.94 0.98 0.00	33.17 0.94 0.00	32.06 0.84 0.00	34.93 0.92 0.00	38.79 0.72 0.00	37.52 0.52 0.00	36.28 0.25 0.00	34.21 0.17 0.00	34.15 0.10 0.00	36.27 0.11 0.16	36.35 -0.86 0.17	37.84 -0.86 0.20	41.12 -0.98 0.44	42.88 -0.93 0.35	46.31 -1.10 0.65	53.12 -1.27 3.25	57.80 -1.41 5.03	64.75 -1.32 0.02	62.02 -1.20 0.02	52.54 -0.96 0.02	47.50 -0.63 0.02	40.31 -0.37 0.00
SELKIRK___II 23799	39.27 0.62 0.00	36.67 0.61 0.00	35.73 0.77 0.00	32.97 0.74 0.00	31.87 0.66 0.00	34.76 0.75 0.00	38.64 0.57 0.00	37.45 0.45 0.00	36.24 0.22 0.00	34.21 0.17 0.00	34.19 0.14 0.00	36.28 0.15 0.19	36.84 -0.34 0.20	38.31 -0.35 0.23	41.59 -0.43 0.52	43.35 -0.40 0.42	45.20 -0.53 2.34	45.20 -0.69 11.75	45.20 -0.84 18.21	65.17 -0.86 0.06	62.42 -0.76 0.06	52.82 -0.64 0.06	47.79 -0.29 0.06	40.64 -0.04 0.00
SENECA OSWGO___HYD 24041	38.31 -0.35 0.00	35.67 -0.40 0.00	34.48 -0.49 0.00	31.81 -0.42 0.00	30.81 -0.41 0.00	33.57 -0.44 0.00	37.45 -0.61 0.00	36.30 -0.70 0.00	35.37 -0.65 0.00	33.46 -0.58 0.00	33.54 -0.51 0.00	35.77 -0.54 0.00	36.77 -0.60 0.00	38.27 -0.62 0.00	41.90 -0.64 0.00	43.55 -0.62 0.00	47.29 -0.77 0.00	56.77 -0.86 0.00	63.48 -0.77 0.00	65.30 -0.79 0.00	62.48 -0.76 0.00	52.82 -0.70 0.00	47.86 -0.29 0.00	40.43 -0.24 0.00
SENECA___115KV_TB3 355854	39.51 0.85 0.00	36.96 0.90 0.00	34.83 -0.14 0.00	32.30 0.06 0.00	31.46 0.25 0.00	33.88 -0.14 0.00	36.89 -1.18 0.00	35.42 -1.59 0.00	35.30 -0.72 0.00	33.94 -0.10 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.97 0.60 0.00	39.48 0.58 0.00	43.05 0.51 0.00	44.96 0.79 0.00	48.78 0.72 0.00	58.38 0.75 0.00	64.95 0.71 0.00	66.22 0.13 0.00	62.42 -0.82 0.00	52.83 -0.70 0.00	49.16 1.01 0.00	41.90 1.22 0.00
SENECA___ENERGY 23797	39.16 0.50 0.00	36.39 0.32 0.00	35.04 0.07 0.00	32.33 0.10 0.00	31.34 0.13 0.00	34.11 0.10 0.00	37.99 -0.08 0.00	37.34 0.33 0.00	36.42 0.40 0.00	34.49 0.44 0.00	34.66 0.61 0.00	36.97 0.65 0.00	38.01 0.63 0.00	39.59 0.70 0.00	43.43 0.89 0.00	44.48 0.31 0.00	48.50 0.43 0.00	58.15 0.52 0.00	65.02 0.77 0.00	66.95 0.86 0.00	64.00 0.76 0.00	53.95 0.43 0.00	49.16 1.01 0.00	41.53 0.86 0.00
SHOEMAKER___GT 23640	40.01 1.35 0.00	37.29 1.23 0.00	36.12 1.15 0.00	33.23 1.00 0.00	32.12 0.91 0.00	35.07 1.06 0.00	38.98 0.91 0.00	37.82 0.81 0.00	36.96 0.94 0.00	34.96 0.92 0.00	34.93 0.88 0.00	37.57 0.98 -0.27	38.70 1.04 -0.29	40.32 1.09 -0.34	44.40 1.10 -0.76	46.01 1.23 -0.61	49.50 1.44 0.00	58.90 1.27 0.00	65.46 1.22 0.00	67.21 1.12 0.00	64.25 1.01 0.00	54.54 1.01 0.00	49.54 1.40 0.00	42.10 1.42 0.00
SHOEMAKR_138KV_BK 111 55601	40.01 1.35 0.00	37.25 1.19 0.00	36.12 1.15 0.00	33.23 1.00 0.00	32.12 0.91 0.00	35.07 1.05 0.00	38.98 0.91 0.00	37.82 0.81 0.00	36.96 0.94 0.00	35.00 0.95 0.00	34.97 0.92 0.00	37.60 1.02 -0.27	38.74 1.08 -0.28	40.36 1.13 -0.34	44.52 1.23 -0.75	46.05 1.28 -0.61	49.46 1.39 0.00	58.90 1.27 0.00	65.46 1.22 0.00	67.22 1.12 0.00	64.25 1.01 0.00	54.54 1.02 0.00	49.59 1.44 0.00	42.10 1.42 0.00
SHOREHAM_IC_1 23715	41.29 2.63 0.00	37.65 1.58 0.00	36.78 1.82 0.00	33.65 1.42 0.00	32.77 1.56 0.00	35.44 1.43 0.00	39.28 1.22 0.00	37.93 0.93 0.00	37.57 1.55 0.00	35.37 1.33 0.00	36.12 2.08 0.00	39.19 2.54 -0.33	40.53 2.80 -0.35	42.15 2.84 -0.42	46.69 3.23 -0.92	48.18 3.27 -0.74	50.85 2.79 0.00	59.40 2.31 0.54	65.73 2.12 0.63	67.03 0.99 0.05	63.24 0.45 0.44	53.99 0.69 0.22	49.06 0.91 0.00	43.24 2.56 0.00
SHOREHAM_IC_2 23716	41.40 2.74 0.00	37.58 1.51 0.00	36.75 1.78 0.00	33.65 1.42 0.00	32.77 1.56 0.00	35.44 1.43 0.00	39.28 1.22 0.00	37.93 0.93 0.00	37.57 1.55 0.00	35.37 1.33 0.00	36.13 2.08 0.00	39.19 2.54 -0.33	40.44 2.73 -0.34	42.14 2.84 -0.41	46.72 3.28 -0.91	48.21 3.31 -0.74	51.24 3.17 0.00	59.46 2.36 0.54	66.05 2.44 0.63	67.49 1.45 0.05	63.24 0.44 0.44	54.10 0.80 0.22	49.64 1.49 0.00	43.40 2.73 0.00
SISSONVILLE____ 23735	39.12 0.46 0.00	36.60 0.54 0.00	35.49 0.52 0.00	32.65 0.42 0.00	31.71 0.50 0.00	34.56 0.54 0.00	39.06 0.99 0.00	38.12 1.11 0.00	36.85 0.83 0.00	34.62 0.58 0.00	34.63 0.58 0.00	36.90 0.58 0.00	38.01 0.64 0.00	39.63 0.74 0.00	43.39 0.85 0.00	44.61 0.44 0.00	48.40 0.34 0.00	58.44 0.81 0.00	65.34 1.09 0.00	67.61 1.52 0.00	64.88 1.64 0.00	55.18 1.66 0.00	49.01 0.87 0.00	41.29 0.61 0.00
SITHE_IND_GS1 24169	37.77 -0.89 0.00	35.20 -0.87 0.00	34.02 -0.94 0.00	31.39 -0.84 0.00	30.40 -0.81 0.00	33.13 -0.88 0.00	36.96 -1.11 0.00	35.86 -1.15 0.00	34.98 -1.05 0.00	33.09 -0.95 0.00	33.13 -0.92 0.00	35.34 -0.98 0.00	36.37 -1.01 0.00	37.80 -1.09 0.00	41.39 -1.15 0.00	42.98 -1.19 0.00	46.77 -1.30 0.00	56.14 -1.50 0.00	62.64 -1.60 0.00	64.37 -1.72 0.00	61.59 -1.64 0.00	52.08 -1.44 0.00	47.09 -1.06 0.00	39.82 -0.86 0.00
SITHE_IND_GS2 24170	37.77 -0.89 0.00	35.20 -0.87 0.00	34.02 -0.94 0.00	31.39 -0.84 0.00	30.40 -0.81 0.00	33.13 -0.88 0.00	36.96 -1.11 0.00	35.86 -1.15 0.00	34.98 -1.05 0.00	33.09 -0.95 0.00	33.13 -0.92 0.00	35.34 -0.98 0.00	36.37 -1.01 0.00	37.80 -1.09 0.00	41.39 -1.15 0.00	42.98 -1.19 0.00	46.77 -1.30 0.00	56.14 -1.50 0.00	62.64 -1.60 0.00	64.37 -1.72 0.00	61.59 -1.64 0.00	52.08 -1.44 0.00	47.09 -1.06 0.00	39.82 -0.86 0.00
SITHE_IND_GS3 24171	37.77 -0.89 0.00	35.20 -0.87 0.00	34.02 -0.94 0.00	31.39 -0.84 0.00	30.40 -0.81 0.00	33.13 -0.88 0.00	36.96 -1.11 0.00	35.86 -1.15 0.00	34.98 -1.05 0.00	33.09 -0.95 0.00	33.13 -0.92 0.00	35.34 -0.98 0.00	36.37 -1.01 0.00	37.80 -1.09 0.00	41.39 -1.15 0.00	42.98 -1.19 0.00	46.77 -1.30 0.00	56.14 -1.50 0.00	62.64 -1.60 0.00	64.37 -1.72 0.00	61.59 -1.64 0.00	52.08 -1.44 0.00	47.09 -1.06 0.00	39.82 -0.86 0.00
SITHE_IND_GS4 24172	37.77 -0.89 0.00	35.20 -0.87 0.00	34.02 -0.94 0.00	31.39 -0.84 0.00	30.40 -0.81 0.00	33.13 -0.88 0.00	36.96 -1.11 0.00	35.86 -1.15 0.00	34.98 -1.05 0.00	33.09 -0.95 0.00	33.13 -0.92 0.00	35.34 -0.98 0.00	36.37 -1.01 0.00	37.80 -1.09 0.00	41.39 -1.15 0.00	42.98 -1.19 0.00	46.77 -1.30 0.00	56.14 -1.50 0.00	62.64 -1.60 0.00	64.37 -1.72 0.00	61.59 -1.64 0.00	52.08 -1.44 0.00	47.09 -1.06 0.00	39.82 -0.86 0.00

SITHE___BATAVIA 24024	40.35 1.70 0.00	37.43 1.37 0.00	35.45 0.49 0.00	32.84 0.61 0.00	31.96 0.75 0.00	34.45 0.44 0.00	37.61 -0.46 0.00	36.23 -0.78 0.00	35.99 -0.04 0.00	34.31 0.27 0.00	34.66 0.61 0.00	37.01 0.69 0.00	38.27 0.90 0.00	39.71 0.82 0.00	43.72 1.19 0.00	45.22 1.06 0.00	49.31 1.25 0.00	59.36 1.73 0.00	66.24 1.99 0.00	68.01 1.92 0.00	64.44 1.20 0.00	54.49 0.96 0.00	50.46 2.31 0.00	42.71 2.03 0.00
SITHE___INDEPEND 23800	37.73 -0.93 0.00	35.20 -0.87 0.00	34.02 -0.94 0.00	31.39 -0.84 0.00	30.40 -0.81 0.00	33.13 -0.88 0.00	36.96 -1.10 0.00	35.86 -1.15 0.00	34.94 -1.08 0.00	33.09 -0.95 0.00	33.13 -0.92 0.00	35.34 -0.98 0.00	36.36 -1.01 0.00	37.80 -1.09 0.00	41.34 -1.19 0.00	42.97 -1.19 0.00	46.81 -1.25 0.00	56.14 -1.50 0.00	62.64 -1.61 0.00	64.37 -1.72 0.00	61.59 -1.64 0.00	52.08 -1.45 0.00	47.09 -1.06 0.00	39.82 -0.85 0.00
SITHE___MASSENA 23902	38.77 0.12 0.00	36.28 0.22 0.00	35.18 0.21 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.22 0.21 0.00	38.60 0.53 0.00	37.71 0.70 0.00	36.60 0.57 0.00	34.45 0.41 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.86 0.48 0.00	39.44 0.54 0.00	43.13 0.60 0.00	44.56 0.40 0.00	48.54 0.48 0.00	58.50 0.87 0.00	65.27 1.02 0.00	67.34 1.25 0.00	64.57 1.33 0.00	54.59 1.07 0.00	48.44 0.29 0.00	40.80 0.12 0.00
SITHE___OGDNSBRG 24021	39.47 0.81 0.00	36.96 0.90 0.00	35.80 0.84 0.00	32.94 0.71 0.00	32.03 0.81 0.00	34.90 0.88 0.00	39.47 1.41 0.00	38.41 1.41 0.00	37.03 1.01 0.00	34.72 0.68 0.00	34.70 0.65 0.00	36.94 0.62 0.00	38.08 0.71 0.00	39.67 0.78 0.00	43.47 0.94 0.00	44.83 0.66 0.00	48.83 0.77 0.00	59.08 1.44 0.00	66.17 1.93 0.00	68.67 2.58 0.00	65.96 2.72 0.00	55.93 2.41 0.00	49.49 1.35 0.00	41.65 0.98 0.00
SITHE___STERLING 23777	40.01 1.35 0.00	37.29 1.23 0.00	36.12 1.15 0.00	33.23 1.00 0.00	32.31 1.09 0.00	35.23 1.22 0.00	39.43 1.37 0.00	38.19 1.18 0.00	36.99 0.97 0.00	34.86 0.82 0.00	34.80 0.75 0.00	37.12 0.80 0.00	38.23 0.86 0.00	39.90 1.01 0.00	43.68 1.15 0.00	45.27 1.10 0.00	49.41 1.34 0.00	59.42 1.79 0.00	66.62 2.38 0.00	68.87 2.78 0.00	65.89 2.66 0.00	55.82 2.30 0.00	50.21 2.07 0.00	42.38 1.71 0.00
SLEIGHT__34_KV_TB1 80719	39.78 1.12 0.00	37.07 1.01 0.00	35.70 0.73 0.00	32.94 0.71 0.00	31.96 0.75 0.00	34.79 0.78 0.00	38.86 0.80 0.00	37.60 0.59 0.00	36.71 0.68 0.00	34.76 0.71 0.00	34.87 0.82 0.00	37.26 0.94 0.00	38.31 0.93 0.00	39.86 0.97 0.00	43.68 1.15 0.00	45.45 1.28 0.00	49.51 1.44 0.00	59.59 1.96 0.00	66.81 2.57 0.00	68.80 2.71 0.00	65.83 2.59 0.00	55.45 1.93 0.00	50.31 2.17 0.00	42.38 1.71 0.00
SMITHTWN_69_KV_BK 1 55830	41.75 3.09 0.00	38.15 2.09 0.00	37.06 2.10 0.00	33.84 1.61 0.00	32.93 1.72 0.00	35.78 1.77 0.00	39.70 1.64 0.00	38.49 1.48 0.00	38.11 2.09 0.00	35.95 1.91 0.00	36.64 2.59 0.00	39.70 3.05 -0.33	41.00 3.29 -0.34	42.69 3.38 -0.41	47.32 3.87 -0.91	48.74 3.84 -0.74	51.67 3.60 0.00	59.29 2.82 1.17	65.78 2.89 1.36	67.90 1.92 0.11	63.74 1.01 0.52	54.39 1.28 0.42	50.17 2.02 0.00	43.89 3.21 0.00
SOUTH CAIRO___GT 23612	40.47 1.82 0.00	37.83 1.77 0.00	36.68 1.71 0.00	33.78 1.55 0.00	32.62 1.40 0.00	35.61 1.60 0.00	39.59 1.52 0.00	38.15 1.15 0.00	36.63 0.61 0.00	34.28 0.24 0.00	34.12 0.07 0.00	36.50 0.29 0.11	37.30 0.04 0.11	38.76 0.00 0.14	42.15 -0.09 0.30	44.05 0.13 0.24	47.53 0.29 0.82	54.42 0.92 4.13	59.19 1.35 6.40	67.92 1.85 0.02	64.92 1.71 0.02	54.94 1.45 0.02	49.71 1.59 0.02	41.90 1.22 0.00
SOUTH HAMPTN___IC 23720	41.83 3.17 0.00	38.15 2.09 0.00	37.21 2.24 0.00	34.00 1.77 0.00	33.12 1.90 0.00	35.88 1.87 0.00	39.74 1.67 0.00	38.41 1.41 0.00	38.18 2.16 0.00	36.02 1.97 0.00	36.87 2.82 0.00	40.03 3.38 -0.33	41.43 3.70 -0.35	43.05 3.73 -0.42	47.75 4.29 -0.92	49.33 4.42 -0.74	52.05 3.99 0.00	60.95 3.80 0.49	67.46 3.79 0.57	68.62 2.58 0.05	64.57 1.77 0.43	55.08 1.76 0.20	49.97 1.83 0.00	44.05 3.37 0.00
SOUTHDOW_115KV_TB1 355954	40.32 1.66 0.00	37.68 1.62 0.00	35.56 0.59 0.00	32.91 0.68 0.00	32.09 0.87 0.00	34.59 0.58 0.00	37.84 -0.23 0.00	36.64 -0.37 0.00	36.45 0.43 0.00	35.13 1.09 0.00	35.75 1.70 0.00	38.13 1.82 0.00	39.47 2.09 0.00	41.11 2.22 0.00	44.70 2.17 0.00	46.77 2.61 0.00	50.85 2.79 0.00	60.23 2.59 0.00	66.94 2.70 0.00	68.27 2.18 0.00	64.25 1.01 0.00	54.38 0.86 0.00	50.50 2.36 0.00	42.95 2.28 0.00
SOUTHOLD_69_KV_BK 2 55809	42.44 3.79 0.00	38.41 2.34 0.00	37.48 2.52 0.00	34.26 2.03 0.00	33.46 2.25 0.00	36.29 2.28 0.00	40.12 2.06 0.00	38.82 1.81 0.00	38.76 2.74 0.00	36.60 2.55 0.00	37.59 3.54 -0.33	40.89 4.25 -0.34	42.28 4.56 -0.41	44.05 4.74 -0.91	48.93 5.49 -0.74	50.56 5.65 0.00	53.83 5.77 0.49	62.79 5.65 0.57	69.71 6.04 0.05	70.80 4.76 0.43	65.97 3.16 0.20	56.37 3.05 0.00	51.42 3.27 0.00	44.99 4.31 0.00
SOUTHOLD___IC 23719	42.33 3.67 0.00	38.48 2.42 0.00	37.52 2.55 0.00	34.26 2.03 0.00	33.46 2.25 0.00	36.29 2.28 0.00	40.12 2.05 0.00	38.82 1.81 0.00	38.76 2.74 0.00	36.60 2.55 0.00	37.59 3.54 -0.33	40.90 4.25 -0.35	42.36 4.63 -0.42	44.05 4.74 -0.92	48.90 5.45 -0.74	50.57 5.65 0.00	53.45 5.38 0.49	62.68 5.53 0.57	69.33 5.65 0.05	70.34 4.29 0.43	65.97 3.16 0.20	56.26 2.94 0.00	50.89 2.74 0.00	44.87 4.19 0.00
SOUTH_FORK_WT_PWR 323839	42.17 3.52 0.00	38.30 2.24 0.00	37.38 2.41 0.00	34.13 1.90 0.00	33.37 2.15 0.00	36.22 2.21 0.00	39.97 1.90 0.00	38.71 1.70 0.00	38.69 2.67 0.00	36.60 2.55 0.00	37.65 3.61 -0.33	41.01 4.36 -0.35	42.47 4.75 -0.42	44.21 4.90 -0.92	49.07 5.61 -0.74	50.69 5.78 0.00	53.59 5.52 0.49	62.85 5.71 0.57	69.52 5.85 0.05	70.40 4.36 0.43	65.97 3.16 0.20	56.26 2.94 0.00	50.84 2.69 0.00	44.91 4.23 0.00
SPIERFLS_115KV_TB 1 80737	40.09 1.43 0.00	37.32 1.26 0.00	36.12 1.15 0.00	33.30 1.06 0.00	32.24 1.03 0.00	35.17 1.16 0.00	39.17 1.10 0.00	37.89 0.89 0.00	36.56 0.54 0.00	34.38 0.34 0.00	34.01 -0.03 0.00	35.97 -0.07 0.28	36.97 -0.11 0.29	38.46 -0.08 0.35	41.75 0.00 0.78	43.67 0.13 0.63	48.16 0.10 0.00	58.21 0.58 0.00	65.66 1.41 0.00	68.21 2.11 0.00	65.70 2.47 0.00	55.50 1.98 0.00	50.02 1.88 0.00	42.30 1.63 0.00
ST LAWRENCE____ 23600	38.31 -0.35 0.00	35.81 -0.25 0.00	34.72 -0.24 0.00	31.97 -0.26 0.00	31.00 -0.22 0.00	33.78 -0.24 0.00	38.14 0.08 0.00	37.23 0.22 0.00	36.13 0.11 0.00	34.04 0.00 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.37 0.00 0.00	38.93 0.04 0.00	42.58 0.04 0.00	44.12 -0.04 0.00	48.02 -0.05 0.00	57.75 0.12 0.00	64.44 0.19 0.00	66.42 0.33 0.00	63.62 0.38 0.00	53.79 0.27 0.00	47.81 -0.33 0.00	40.27 -0.41 0.00

STATE_CA_115KV_115_LB 55624	39.47 0.81 0.00	37.00 0.94 0.00	35.91 0.94 0.00	33.17 0.93 0.00	32.03 0.81 0.00	34.93 0.92 0.00	38.83 0.76 0.00	37.64 0.63 0.00	36.35 0.32 0.00	34.28 0.24 0.00	34.22 0.17 0.00	36.20 0.15 0.26	37.13 0.04 0.28	38.60 0.04 0.33	41.85 0.04 0.73	43.66 0.09 0.59	48.02 -0.05 0.00	57.63 0.00 0.00	64.11 -0.13 0.00	66.16 0.07 0.00	63.36 0.13 0.00	53.63 0.11 0.00	48.48 0.34 0.00	41.12 0.45 0.00
STATE_ST_34_KV_LOAD 55959	39.16 0.50 0.00	36.49 0.43 0.00	35.21 0.24 0.00	32.49 0.26 0.00	31.50 0.28 0.00	34.28 0.27 0.00	38.29 0.23 0.00	37.01 0.00 0.00	36.06 0.04 0.00	34.15 0.10 0.00	34.25 0.20 0.00	36.54 0.22 0.00	37.60 0.22 0.00	39.13 0.23 0.00	42.83 0.30 0.00	44.52 0.35 0.00	48.54 0.48 0.00	58.33 0.69 0.00	65.34 1.09 0.00	67.22 1.12 0.00	64.38 1.14 0.00	54.27 0.75 0.00	49.25 1.11 0.00	41.53 0.85 0.00
STATION_5_MISC_HYD 23604	39.35 0.70 0.00	36.57 0.50 0.00	34.93 -0.03 0.00	32.30 0.06 0.00	31.37 0.16 0.00	33.94 -0.07 0.00	37.57 -0.50 0.00	36.45 -0.55 0.00	35.95 -0.07 0.00	34.18 0.14 0.00	34.42 0.38 0.00	36.79 0.47 0.00	37.97 0.60 0.00	39.44 0.54 0.00	43.39 0.85 0.00	44.92 0.75 0.00	48.88 0.82 0.00	58.73 1.09 0.00	65.59 1.35 0.00	67.28 1.19 0.00	64.06 0.82 0.00	54.11 0.59 0.00	49.59 1.44 0.00	41.86 1.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.00 0.35 0.00	36.39 0.32 0.00	34.90 -0.07 0.00	32.23 0.00 0.00	31.31 0.09 0.00	33.94 -0.07 0.00	37.68 -0.38 0.00	36.56 -0.44 0.00	35.91 -0.11 0.00	34.08 0.03 0.00	34.25 0.20 0.00	36.61 0.29 0.00	37.71 0.34 0.00	39.20 0.31 0.00	42.88 0.34 0.00	44.61 0.44 0.00	48.59 0.53 0.00	58.38 0.75 0.00	65.34 1.09 0.00	67.08 0.99 0.00	63.93 0.70 0.00	53.95 0.43 0.00	49.25 1.11 0.00	41.53 0.85 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.89 0.23 0.00	36.31 0.25 0.00	34.69 -0.28 0.00	32.07 -0.16 0.00	31.15 -0.06 0.00	33.74 -0.27 0.00	37.34 -0.72 0.00	36.27 -0.74 0.00	35.77 -0.25 0.00	33.98 -0.07 0.00	34.22 0.17 0.00	36.57 0.25 0.00	37.75 0.37 0.00	39.20 0.31 0.00	42.88 0.34 0.00	44.65 0.49 0.00	48.59 0.53 0.00	58.44 0.81 0.00	65.34 1.09 0.00	66.88 0.79 0.00	63.74 0.51 0.00	53.79 0.27 0.00	49.16 1.01 0.00	41.49 0.81 0.00
STA_56___34_KV_BUS2 355983	38.89 0.23 0.00	36.31 0.25 0.00	34.69 -0.28 0.00	32.07 -0.16 0.00	31.15 -0.06 0.00	33.74 -0.27 0.00	37.34 -0.72 0.00	36.27 -0.74 0.00	35.77 -0.25 0.00	33.98 -0.07 0.00	34.22 0.17 0.00	36.57 0.25 0.00	37.75 0.37 0.00	39.20 0.31 0.00	42.88 0.34 0.00	44.65 0.49 0.00	48.59 0.53 0.00	58.44 0.81 0.00	65.34 1.09 0.00	66.88 0.79 0.00	63.74 0.51 0.00	53.79 0.27 0.00	49.16 1.01 0.00	41.49 0.81 0.00
STA_67___115KV_BK2 355882	39.08 0.43 0.00	36.49 0.43 0.00	34.83 -0.14 0.00	32.23 0.00 0.00	31.31 0.09 0.00	33.88 -0.14 0.00	37.46 -0.61 0.00	36.38 -0.63 0.00	35.88 -0.14 0.00	34.11 0.07 0.00	34.32 0.27 0.00	36.68 0.36 0.00	37.86 0.49 0.00	39.32 0.43 0.00	43.00 0.47 0.00	44.78 0.62 0.00	48.74 0.67 0.00	58.56 0.92 0.00	65.46 1.22 0.00	67.08 0.99 0.00	63.87 0.63 0.00	53.90 0.37 0.00	49.30 1.16 0.00	41.65 0.98 0.00
STA_7___115KV_9TRANS 80674	39.39 0.73 0.00	36.75 0.69 0.00	35.07 0.10 0.00	32.43 0.19 0.00	31.53 0.31 0.00	34.11 0.10 0.00	37.72 -0.34 0.00	36.60 -0.41 0.00	36.13 0.11 0.00	34.35 0.31 0.00	34.63 0.58 0.00	37.01 0.69 0.00	38.19 0.82 0.00	39.71 0.82 0.00	43.43 0.89 0.00	45.23 1.06 0.00	49.27 1.20 0.00	59.19 1.56 0.00	66.23 1.99 0.00	67.88 1.78 0.00	64.57 1.33 0.00	54.54 1.02 0.00	49.83 1.69 0.00	42.06 1.38 0.00
STA_82___115KV_TB1 80780	39.12 0.46 0.00	36.49 0.43 0.00	34.86 -0.10 0.00	32.23 0.00 0.00	31.34 0.12 0.00	33.91 -0.10 0.00	37.49 -0.57 0.00	36.38 -0.63 0.00	35.88 -0.14 0.00	34.11 0.07 0.00	34.35 0.31 0.00	36.72 0.40 0.00	37.86 0.49 0.00	39.32 0.43 0.00	43.00 0.47 0.00	44.78 0.62 0.00	48.78 0.72 0.00	58.56 0.92 0.00	65.53 1.28 0.00	67.08 0.99 0.00	63.87 0.63 0.00	53.95 0.43 0.00	49.35 1.20 0.00	41.69 1.02 0.00
STEEL___WIND 323596	39.86 1.20 0.00	36.93 0.86 0.00	34.86 -0.10 0.00	32.26 0.03 0.00	31.43 0.22 0.00	33.84 -0.17 0.00	36.85 -1.22 0.00	35.38 -1.63 0.00	35.30 -0.72 0.00	33.91 -0.14 0.00	34.39 0.34 0.00	36.68 0.36 0.00	37.93 0.56 0.00	39.44 0.54 0.00	43.30 0.77 0.00	44.92 0.75 0.00	48.69 0.62 0.00	58.33 0.69 0.00	64.63 0.39 0.00	66.16 0.07 0.00	62.35 -0.89 0.00	52.77 -0.75 0.00	49.25 1.11 0.00	41.98 1.30 0.00
STEPHTWN_115KV_BK_2 55603	39.66 1.01 0.00	37.14 1.08 0.00	36.05 1.08 0.00	33.26 1.03 0.00	32.15 0.94 0.00	35.07 1.05 0.00	38.98 0.91 0.00	37.78 0.78 0.00	36.45 0.43 0.00	34.38 0.34 0.00	34.32 0.27 0.00	36.32 0.25 0.25	37.22 0.11 0.27	38.69 0.12 0.32	41.95 0.13 0.71	43.86 0.26 0.57	48.21 0.14 0.00	57.92 0.29 0.00	64.50 0.26 0.00	66.55 0.46 0.00	63.74 0.51 0.00	53.90 0.37 0.00	48.77 0.63 0.00	41.33 0.65 0.00
STEUBEN_REC_LFGE 323667	40.16 1.51 0.00	37.43 1.37 0.00	35.63 0.66 0.00	32.97 0.74 0.00	32.06 0.84 0.00	34.69 0.68 0.00	38.26 0.19 0.00	36.64 -0.37 0.00	35.88 -0.14 0.00	34.21 0.17 0.00	34.49 0.44 0.00	36.83 0.51 0.00	38.01 0.64 0.00	39.51 0.62 0.00	43.17 0.64 0.00	44.96 0.79 0.00	49.31 1.25 0.00	59.08 1.44 0.00	66.11 1.86 0.00	68.07 1.98 0.00	64.82 1.58 0.00	54.59 1.07 0.00	50.26 2.12 0.00	42.71 2.03 0.00
STILLWATER___SOLAR 323814	40.28 1.62 0.00	37.54 1.48 0.00	36.37 1.40 0.00	33.52 1.29 0.00	32.46 1.25 0.00	35.41 1.40 0.00	39.40 1.33 0.00	38.12 1.11 0.00	36.81 0.79 0.00	34.66 0.61 0.00	34.46 0.41 0.00	36.45 0.44 0.31	37.50 0.45 0.33	39.00 0.50 0.39	42.22 0.55 0.87	44.17 0.70 0.70	48.88 0.82 0.00	58.90 1.27 0.00	65.98 1.74 0.00	68.27 2.18 0.00	65.58 2.34 0.00	55.45 1.92 0.00	50.07 1.93 0.00	42.38 1.71 0.00
STONY___BROOK 24151	41.63 2.98 0.00	38.19 2.13 0.00	37.06 2.10 0.00	33.84 1.61 0.00	32.93 1.72 0.00	35.78 1.77 0.00	39.66 1.60 0.00	38.45 1.44 0.00	38.07 2.05 0.00	35.88 1.84 0.00	36.60 2.55 0.00	39.67 3.01 -0.33	41.01 3.29 -0.35	42.62 3.30 -0.42	47.20 3.74 -0.92	48.71 3.80 -0.74	51.28 3.22 0.00	59.48 2.65 0.81	65.74 2.44 0.94	67.41 1.39 0.08	63.65 0.88 0.47	54.34 1.13 0.31	49.59 1.44 0.00	43.73 3.05 0.00
STURGEON_POOL_HYD 23609	40.20 1.55 0.00	37.36 1.30 0.00	36.26 1.29 0.00	33.36 1.13 0.00	32.21 1.00 0.00	35.20 1.19 0.00	39.06 0.99 0.00	37.93 0.93 0.00	37.07 1.04 0.00	35.07 1.02 0.00	35.00 0.95 0.00	37.64 1.16 -0.16	38.85 1.31 -0.17	40.57 1.48 -0.20	44.56 1.57 -0.45	46.21 1.68 -0.37	49.80 1.92 0.18	58.56 1.84 0.92	64.62 1.80 1.42	67.74 1.65 0.00	64.56 1.33 0.00	54.86 1.34 0.00	49.97 1.83 0.00	42.43 1.75 0.00

ST_LAW_115_BK7_LBMP 345037	38.31 -0.35 0.00	35.81 -0.25 0.00	34.72 -0.24 0.00	31.97 -0.26 0.00	31.00 -0.22 0.00	33.78 -0.24 0.00	38.14 0.08 0.00	37.23 0.22 0.00	36.13 0.11 0.00	34.04 0.00 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.41 0.04 0.00	38.93 0.04 0.00	42.58 0.04 0.00	44.12 -0.04 0.00	48.02 -0.05 0.00	57.75 0.12 0.00	64.44 0.19 0.00	66.42 0.33 0.00	63.62 0.38 0.00	53.79 0.27 0.00	47.81 -0.33 0.00	40.27 -0.41 0.00
ST_LAW_115_BK8_LBMP 345038	38.31 -0.35 0.00	35.81 -0.25 0.00	34.72 -0.24 0.00	31.97 -0.26 0.00	31.00 -0.22 0.00	33.78 -0.24 0.00	38.14 0.08 0.00	37.23 0.22 0.00	36.13 0.11 0.00	34.04 0.00 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.41 0.04 0.00	38.93 0.04 0.00	42.58 0.04 0.00	44.12 -0.04 0.00	48.02 -0.05 0.00	57.75 0.12 0.00	64.44 0.19 0.00	66.42 0.33 0.00	63.62 0.38 0.00	53.79 0.27 0.00	47.81 -0.33 0.00	40.27 -0.41 0.00
ST_LAW_230_BK5_LBMP 345035	38.31 -0.35 0.00	35.81 -0.25 0.00	34.72 -0.24 0.00	31.97 -0.26 0.00	31.00 -0.22 0.00	33.78 -0.24 0.00	38.14 0.08 0.00	37.23 0.22 0.00	36.13 0.11 0.00	34.04 0.00 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.37 0.00 0.00	38.93 0.04 0.00	42.58 0.04 0.00	44.12 -0.04 0.00	48.02 -0.05 0.00	57.75 0.12 0.00	64.44 0.19 0.00	66.42 0.33 0.00	63.62 0.38 0.00	53.79 0.27 0.00	47.81 -0.33 0.00	40.27 -0.41 0.00
ST_LAW_230_BK6_LBMP 345036	38.31 -0.35 0.00	35.81 -0.25 0.00	34.72 -0.24 0.00	31.97 -0.26 0.00	31.00 -0.22 0.00	33.78 -0.24 0.00	38.14 0.08 0.00	37.23 0.22 0.00	36.13 0.11 0.00	34.04 0.00 0.00	34.05 0.00 0.00	36.32 0.00 0.00	37.37 0.00 0.00	38.93 0.04 0.00	42.58 0.04 0.00	44.12 -0.04 0.00	48.02 -0.05 0.00	57.75 0.12 0.00	64.44 0.19 0.00	66.42 0.33 0.00	63.62 0.38 0.00	53.79 0.27 0.00	47.81 -0.33 0.00	40.27 -0.41 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	40.20 1.55 0.00	37.40 1.33 0.00	36.26 1.29 0.00	33.36 1.13 0.00	32.21 1.00 0.00	35.20 1.19 0.00	39.09 1.03 0.00	38.01 1.00 0.00	37.17 1.15 0.00	35.24 1.19 0.00	35.21 1.16 0.00	37.87 1.27 -0.28	39.02 1.35 -0.30	40.69 1.44 -0.36	44.86 1.53 -0.79	46.39 1.59 -0.64	49.79 1.73 0.00	59.19 1.56 0.00	65.72 1.48 0.00	67.41 1.32 0.00	64.38 1.14 0.00	54.70 1.18 0.00	49.78 1.64 0.00	42.30 1.63 0.00
SWANROAD_115KV_TB1 355699	39.00 0.35 0.00	36.53 0.47 0.00	34.41 -0.56 0.00	31.97 -0.26 0.00	31.15 -0.06 0.00	33.50 -0.51 0.00	36.05 -2.02 0.00	34.53 -2.48 0.00	34.40 -1.62 0.00	33.02 -1.02 0.00	33.44 -0.61 0.00	35.63 -0.69 0.00	36.85 -0.52 0.00	38.23 -0.66 0.00	41.68 -0.85 0.00	43.46 -0.71 0.00	47.25 -0.82 0.00	56.60 -1.04 0.00	63.02 -1.22 0.00	64.24 -1.85 0.00	60.58 -2.66 0.00	51.22 -2.30 0.00	47.86 -0.29 0.00	40.88 0.20 0.00
SYNERGY___BIOGAS 323694	40.05 1.39 0.00	37.43 1.37 0.00	35.42 0.45 0.00	32.84 0.61 0.00	31.96 0.75 0.00	34.45 0.44 0.00	37.61 -0.46 0.00	36.23 -0.78 0.00	35.99 -0.04 0.00	34.32 0.27 0.00	34.66 0.61 0.00	37.01 0.69 0.00	38.27 0.90 0.00	39.71 0.82 0.00	43.39 0.85 0.00	45.23 1.06 0.00	49.31 1.25 0.00	59.36 1.73 0.00	66.49 2.25 0.00	68.01 1.92 0.00	64.44 1.20 0.00	54.43 0.91 0.00	50.31 2.17 0.00	42.63 1.95 0.00
SYRACUSE___ENERGY_ST1 323597	38.73 0.08 0.00	36.10 0.04 0.00	34.90 -0.07 0.00	32.17 -0.06 0.00	31.18 -0.03 0.00	33.98 -0.03 0.00	37.91 -0.15 0.00	36.67 -0.33 0.00	35.77 -0.25 0.00	33.84 -0.20 0.00	33.91 -0.14 0.00	36.21 -0.11 0.00	37.22 -0.15 0.00	38.70 -0.19 0.00	42.37 -0.17 0.00	44.08 -0.09 0.00	48.02 -0.05 0.00	57.58 -0.06 0.00	64.37 0.13 0.00	66.22 0.13 0.00	63.36 0.13 0.00	53.52 0.00 0.00	48.48 0.34 0.00	40.96 0.28 0.00
SYRACUSE___ENERGY_ST2 323598	38.73 0.08 0.00	36.10 0.04 0.00	34.90 -0.07 0.00	32.17 -0.06 0.00	31.18 -0.03 0.00	33.98 -0.03 0.00	37.91 -0.15 0.00	36.67 -0.33 0.00	35.77 -0.25 0.00	33.84 -0.20 0.00	33.91 -0.14 0.00	36.21 -0.11 0.00	37.22 -0.15 0.00	38.70 -0.19 0.00	42.37 -0.17 0.00	44.08 -0.09 0.00	48.02 -0.05 0.00	57.58 -0.06 0.00	64.37 0.13 0.00	66.22 0.13 0.00	63.36 0.13 0.00	53.52 0.00 0.00	48.48 0.34 0.00	40.96 0.28 0.00
SYRACUSE___POWER 24017	38.66 0.00 0.00	36.03 -0.04 0.00	34.83 -0.14 0.00	32.10 -0.13 0.00	31.12 -0.09 0.00	33.88 -0.14 0.00	37.80 -0.27 0.00	36.60 -0.41 0.00	35.70 -0.32 0.00	33.81 -0.24 0.00	33.88 -0.17 0.00	36.14 -0.18 0.00	37.15 -0.22 0.00	38.62 -0.27 0.00	42.24 -0.30 0.00	43.95 -0.22 0.00	47.82 -0.24 0.00	57.40 -0.23 0.00	64.18 -0.06 0.00	65.96 -0.13 0.00	63.11 -0.13 0.00	53.31 -0.21 0.00	48.29 0.14 0.00	40.80 0.12 0.00
TALLMAN__138KV_BK151 55660	40.47 1.82 0.00	37.61 1.55 0.00	36.43 1.47 0.00	33.52 1.29 0.00	32.37 1.15 0.00	35.37 1.36 0.00	39.25 1.18 0.00	38.19 1.18 0.00	37.43 1.40 0.00	35.58 1.53 0.00	35.58 1.53 0.00	38.33 1.71 -0.30	39.48 1.79 -0.32	41.14 1.87 -0.38	45.37 2.00 -0.84	46.92 2.08 -0.68	50.27 2.21 0.00	59.59 1.96 0.00	66.11 1.86 0.00	67.68 1.59 0.00	64.63 1.39 0.00	54.91 1.39 0.00	50.07 1.93 0.00	42.55 1.87 0.00
TEALLAVE_115KV_TB7 355573	38.54 -0.12 0.00	35.92 -0.14 0.00	34.72 -0.24 0.00	32.04 -0.19 0.00	31.06 -0.16 0.00	33.81 -0.20 0.00	37.72 -0.34 0.00	36.53 -0.48 0.00	35.63 -0.40 0.00	33.74 -0.31 0.00	33.81 -0.24 0.00	36.06 -0.25 0.00	37.07 -0.30 0.00	38.50 -0.39 0.00	42.11 -0.43 0.00	43.81 -0.35 0.00	47.68 -0.38 0.00	57.23 -0.40 0.00	63.92 -0.32 0.00	65.70 -0.40 0.00	62.86 -0.38 0.00	53.09 -0.43 0.00	48.10 -0.05 0.00	40.64 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	39.54 0.89 0.00	37.00 0.94 0.00	34.93 -0.03 0.00	32.39 0.16 0.00	31.56 0.34 0.00	33.98 -0.03 0.00	36.85 -1.22 0.00	35.42 -1.59 0.00	35.23 -0.79 0.00	33.74 -0.31 0.00	34.15 0.10 0.00	36.39 0.07 0.00	37.67 0.30 0.00	39.09 0.19 0.00	42.62 0.09 0.00	44.48 0.31 0.00	48.40 0.34 0.00	58.15 0.52 0.00	64.89 0.64 0.00	66.22 0.13 0.00	62.54 -0.70 0.00	52.88 -0.64 0.00	49.16 1.01 0.00	41.77 1.10 0.00
TEMPLE___115KV_TB 2 55572	38.54 -0.12 0.00	35.92 -0.14 0.00	34.72 -0.24 0.00	32.04 -0.19 0.00	31.06 -0.16 0.00	33.81 -0.20 0.00	37.72 -0.34 0.00	36.53 -0.48 0.00	35.63 -0.40 0.00	33.74 -0.31 0.00	33.81 -0.24 0.00	36.10 -0.22 0.00	37.07 -0.30 0.00	38.54 -0.35 0.00	42.15 -0.38 0.00	43.81 -0.35 0.00	47.73 -0.34 0.00	57.23 -0.40 0.00	63.92 -0.32 0.00	65.76 -0.33 0.00	62.86 -0.38 0.00	53.15 -0.37 0.00	48.10 -0.05 0.00	40.64 -0.04 0.00
TIANA____69_KV_BK 1 55817	41.86 3.21 0.00	38.01 1.95 0.00	37.10 2.13 0.00	33.94 1.71 0.00	33.06 1.84 0.00	35.81 1.80 0.00	39.66 1.60 0.00	38.34 1.33 0.00	38.07 2.05 0.00	35.88 1.84 0.00	36.70 2.66 0.00	39.84 3.20 -0.33	41.15 3.44 -0.34	42.84 3.54 -0.41	47.53 4.08 -0.91	49.05 4.15 -0.74	52.20 4.13 0.00	60.66 3.52 0.49	67.40 3.73 0.57	68.69 2.64 0.05	64.26 1.45 0.43	54.98 1.66 0.20	50.36 2.21 0.00	44.01 3.34 0.00

TILDEN___115KV_TB1 80814	38.66 0.00 0.00	36.03 -0.04 0.00	34.83 -0.14 0.00	32.10 -0.13 0.00	31.12 -0.09 0.00	33.88 -0.14 0.00	37.80 -0.27 0.00	36.60 -0.41 0.00	35.70 -0.32 0.00	33.81 -0.24 0.00	33.88 -0.17 0.00	36.14 -0.18 0.00	37.15 -0.22 0.00	38.62 -0.27 0.00	42.24 -0.30 0.00	43.95 -0.22 0.00	47.82 -0.24 0.00	57.40 -0.23 0.00	64.18 -0.06 0.00	65.96 -0.13 0.00	63.11 -0.13 0.00	53.31 -0.21 0.00	48.29 0.14 0.00	40.80 0.12 0.00
TRIGEN___CC 323695	41.25 2.59 0.00	38.01 1.95 0.00	36.82 1.85 0.00	33.71 1.48 0.00	32.68 1.47 0.00	35.64 1.63 0.00	39.55 1.48 0.00	38.49 1.48 0.00	37.97 1.95 0.00	35.92 1.87 0.00	36.36 2.32 0.00	39.19 2.54 -0.33	40.41 2.69 -0.34	42.10 2.80 -0.41	46.47 3.02 -0.91	47.99 3.09 -0.74	51.00 2.93 0.00	59.94 2.31 0.00	66.62 2.38 0.00	67.68 1.59 0.00	64.22 1.08 0.10	54.75 1.23 0.00	50.07 1.93 0.00	43.36 2.68 0.00
TRINITY___115KV__4 BK 55933	39.31 0.66 0.00	36.86 0.79 0.00	35.77 0.80 0.00	33.04 0.81 0.00	31.93 0.72 0.00	34.79 0.78 0.00	38.67 0.61 0.00	37.49 0.48 0.00	36.20 0.18 0.00	34.18 0.14 0.00	34.12 0.07 0.00	36.10 0.04 0.26	37.03 -0.07 0.27	38.49 -0.08 0.32	41.65 -0.17 0.72	43.50 -0.09 0.58	47.82 -0.24 0.00	57.35 -0.29 0.00	63.86 -0.39 0.00	65.76 -0.33 0.00	62.99 -0.25 0.00	53.36 -0.16 0.00	48.24 0.10 0.00	40.96 0.28 0.00
UNION___PROCESSING_DRP 323587	39.12 0.46 0.00	36.53 0.47 0.00	34.86 -0.10 0.00	32.23 0.00 0.00	31.34 0.12 0.00	33.91 -0.10 0.00	37.49 -0.57 0.00	36.38 -0.63 0.00	35.88 -0.14 0.00	34.11 0.07 0.00	34.35 0.31 0.00	36.72 0.40 0.00	37.90 0.52 0.00	39.36 0.47 0.00	43.05 0.51 0.00	44.78 0.62 0.00	48.78 0.72 0.00	58.61 0.98 0.00	65.53 1.28 0.00	67.15 1.06 0.00	63.93 0.70 0.00	53.95 0.43 0.00	49.35 1.20 0.00	41.69 1.02 0.00
UPPER HUDSON___HYD 24058	40.05 1.39 0.00	37.32 1.26 0.00	36.12 1.15 0.00	33.29 1.06 0.00	32.24 1.03 0.00	35.17 1.16 0.00	39.17 1.10 0.00	37.89 0.89 0.00	36.56 0.54 0.00	34.38 0.34 0.00	34.01 -0.03 0.00	35.97 -0.07 0.28	37.00 -0.07 0.29	38.46 -0.08 0.35	41.71 -0.04 0.78	43.67 0.13 0.63	48.16 0.10 0.00	58.21 0.58 0.00	65.65 1.41 0.00	68.14 2.05 0.00	65.70 2.46 0.00	55.50 1.98 0.00	50.02 1.88 0.00	42.30 1.63 0.00
UPPER RAQUET___HYD 24056	39.12 0.47 0.00	36.60 0.54 0.00	35.49 0.53 0.00	32.65 0.42 0.00	31.71 0.50 0.00	34.55 0.54 0.00	39.05 0.99 0.00	38.12 1.11 0.00	36.85 0.83 0.00	34.62 0.58 0.00	34.63 0.58 0.00	36.90 0.58 0.00	38.01 0.63 0.00	39.63 0.74 0.00	43.30 0.77 0.00	44.61 0.44 0.00	48.40 0.34 0.00	58.44 0.81 0.00	65.33 1.09 0.00	67.61 1.52 0.00	64.88 1.64 0.00	55.18 1.66 0.00	49.01 0.87 0.00	41.29 0.61 0.00
VALLEY44_115KV_TB2 355964	39.00 0.35 0.00	36.46 0.40 0.00	34.41 -0.56 0.00	31.88 -0.35 0.00	31.00 -0.22 0.00	33.40 -0.61 0.00	36.47 -1.60 0.00	34.86 -2.15 0.00	34.72 -1.30 0.00	33.50 -0.54 0.00	33.98 -0.07 0.00	36.25 -0.07 0.00	37.48 0.11 0.00	38.93 0.04 0.00	42.41 -0.13 0.00	44.34 0.18 0.00	48.30 0.24 0.00	57.75 0.12 0.00	64.05 -0.19 0.00	65.36 -0.73 0.00	61.66 -1.58 0.00	52.18 -1.34 0.00	48.39 0.24 0.00	41.37 0.69 0.00
VALLEY___115KV_TB 1-4 80826	38.85 0.19 0.00	36.28 0.22 0.00	35.18 0.21 0.00	32.43 0.19 0.00	31.43 0.22 0.00	34.28 0.27 0.00	38.33 0.27 0.00	37.30 0.30 0.00	36.20 0.18 0.00	34.18 0.14 0.00	34.15 0.10 0.00	36.43 0.11 0.00	37.48 0.11 0.00	39.09 0.19 0.00	42.75 0.21 0.00	44.39 0.22 0.00	48.26 0.19 0.00	57.86 0.23 0.00	64.56 0.32 0.00	66.49 0.40 0.00	63.62 0.38 0.00	53.95 0.43 0.00	48.63 0.48 0.00	41.08 0.41 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	40.32 1.66 0.00	37.58 1.51 0.00	36.50 1.54 0.00	33.62 1.39 0.00	32.65 1.44 0.00	35.58 1.56 0.00	39.55 1.48 0.00	38.19 1.18 0.00	37.17 1.15 0.00	35.13 1.09 0.00	35.14 1.09 0.00	37.48 1.16 0.00	38.61 1.23 0.00	40.25 1.36 0.00	44.02 1.49 0.00	45.67 1.50 0.00	49.84 1.78 0.00	59.65 2.02 0.00	66.56 2.31 0.00	68.54 2.45 0.00	65.51 2.28 0.00	55.56 2.03 0.00	50.31 2.17 0.00	42.59 1.91 0.00
VISCHER___FERRY HYD 24020	39.93 1.27 0.00	37.25 1.19 0.00	36.12 1.15 0.00	33.29 1.06 0.00	32.21 1.00 0.00	35.13 1.12 0.00	39.13 1.06 0.00	37.89 0.89 0.00	36.70 0.68 0.00	34.62 0.58 0.00	34.49 0.44 0.00	36.37 0.44 0.38	37.42 0.45 0.40	38.88 0.47 0.48	41.98 0.51 1.07	43.92 0.62 0.87	48.69 0.62 0.00	58.55 0.92 0.00	65.33 1.09 0.00	67.28 1.19 0.00	64.50 1.26 0.00	54.59 1.07 0.00	49.39 1.25 0.00	41.86 1.18 0.00
V_A_10_SYNC_DSASP 323832	38.81 0.15 0.00	36.35 0.29 0.00	34.34 -0.63 0.00	31.85 -0.39 0.00	31.00 -0.22 0.00	33.40 -0.61 0.00	36.47 -1.60 0.00	35.23 -1.78 0.00	35.01 -1.01 0.00	33.53 -0.51 0.00	33.91 -0.14 0.00	36.14 -0.18 0.00	37.34 -0.04 0.00	38.74 -0.16 0.00	42.28 -0.26 0.00	44.03 -0.13 0.00	47.87 -0.19 0.00	57.40 -0.23 0.00	63.86 -0.39 0.00	65.17 -0.93 0.00	61.66 -1.58 0.00	52.13 -1.39 0.00	48.39 0.24 0.00	41.12 0.45 0.00
V_CMM_10_SYNC_DSASP 323787	38.50 -0.15 0.00	35.99 -0.07 0.00	34.93 -0.03 0.00	32.17 -0.06 0.00	31.18 -0.03 0.00	33.94 -0.07 0.00	38.33 0.27 0.00	37.41 0.41 0.00	36.31 0.29 0.00	34.21 0.17 0.00	34.22 0.17 0.00	36.50 0.18 0.00	37.60 0.23 0.00	39.13 0.23 0.00	42.79 0.26 0.00	44.30 0.13 0.00	48.26 0.19 0.00	58.09 0.46 0.00	64.75 0.51 0.00	66.75 0.66 0.00	63.94 0.70 0.00	54.06 0.54 0.00	48.05 -0.10 0.00	40.47 -0.20 0.00
V_CMP_10_SYNC_DSASP 323788	39.66 1.00 0.00	37.14 1.08 0.00	36.01 1.05 0.00	33.17 0.94 0.00	32.15 0.94 0.00	35.00 0.99 0.00	39.51 1.45 0.00	38.56 1.55 0.00	37.46 1.44 0.00	35.30 1.26 0.00	35.34 1.29 0.00	37.66 1.34 0.00	38.83 1.46 0.00	40.45 1.56 0.00	44.28 1.74 0.00	45.75 1.59 0.00	49.94 1.87 0.00	60.23 2.60 0.00	67.20 2.96 0.00	69.33 3.24 0.00	66.46 3.22 0.00	56.09 2.57 0.00	49.73 1.59 0.00	41.86 1.18 0.00
V_D_10_SYNC_DSASP 323841	38.77 0.12 0.00	36.28 0.22 0.00	35.18 0.21 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.18 0.17 0.00	38.60 0.53 0.00	37.71 0.70 0.00	36.56 0.54 0.00	34.42 0.38 0.00	34.46 0.41 0.00	36.72 0.40 0.00	37.86 0.48 0.00	39.40 0.50 0.00	43.09 0.55 0.00	44.56 0.40 0.00	48.54 0.48 0.00	58.50 0.87 0.00	65.27 1.02 0.00	67.34 1.25 0.00	64.50 1.26 0.00	54.59 1.07 0.00	48.44 0.29 0.00	40.80 0.12 0.00
V_E_10_SYNC_DSASP 323830	41.94 3.28 0.00	39.13 3.06 0.00	37.73 2.76 0.00	34.75 2.52 0.00	33.93 2.71 0.00	36.94 2.93 0.00	41.26 3.20 0.00	39.63 2.63 0.00	38.26 2.23 0.00	35.88 1.84 0.00	35.78 1.74 0.00	38.10 1.78 0.00	39.28 1.90 0.00	41.07 2.18 0.00	45.04 2.51 0.00	46.77 2.61 0.00	51.28 3.22 0.00	61.96 4.32 0.00	69.83 5.59 0.00	72.50 6.41 0.00	69.37 6.13 0.00	58.66 5.14 0.00	53.06 4.91 0.00	44.74 4.07 0.00

V_F_30_NSYNC___DSASP 323816	40.32 1.66 0.00	37.61 1.55 0.00	36.43 1.47 0.00	33.59 1.35 0.00	32.52 1.31 0.00	35.44 1.43 0.00	39.43 1.37 0.00	38.15 1.15 0.00	36.88 0.86 0.00	34.76 0.72 0.00	34.56 0.51 0.00	36.57 0.55 0.30	37.62 0.56 0.31	39.14 0.62 0.37	42.38 0.68 0.83	44.33 0.84 0.67	48.97 0.91 0.00	59.02 1.38 0.00	66.11 1.86 0.00	68.40 2.31 0.00	65.70 2.46 0.00	55.56 2.03 0.00	50.17 2.02 0.00	42.46 1.79 0.00
V_F_30_SYNC_DSASP 323786	39.47 0.81 0.00	37.00 0.94 0.00	35.91 0.94 0.00	33.17 0.93 0.00	32.03 0.81 0.00	34.93 0.92 0.00	38.83 0.76 0.00	37.64 0.63 0.00	36.31 0.29 0.00	34.28 0.24 0.00	34.22 0.17 0.00	36.20 0.15 0.26	37.13 0.04 0.28	38.60 0.04 0.33	41.85 0.04 0.73	43.66 0.09 0.59	48.02 -0.05 0.00	57.63 0.00 0.00	64.11 -0.13 0.00	66.16 0.07 0.00	63.36 0.13 0.00	53.63 0.11 0.00	48.48 0.34 0.00	41.12 0.45 0.00
V_XM_10_SYNC_DSASP 323789	39.66 1.00 0.00	37.14 1.08 0.00	36.01 1.05 0.00	33.17 0.94 0.00	32.15 0.94 0.00	35.00 0.99 0.00	39.51 1.45 0.00	38.56 1.55 0.00	37.46 1.44 0.00	35.30 1.26 0.00	35.34 1.29 0.00	37.66 1.34 0.00	38.83 1.46 0.00	40.45 1.56 0.00	44.28 1.74 0.00	45.75 1.59 0.00	49.94 1.87 0.00	60.23 2.60 0.00	67.20 2.96 0.00	69.33 3.24 0.00	66.46 3.22 0.00	56.09 2.57 0.00	49.73 1.59 0.00	41.86 1.18 0.00
W.BABYLN_69_KV_BK1 56697	42.06 3.40 0.00	38.51 2.45 0.00	37.38 2.41 0.00	34.10 1.87 0.00	33.15 1.94 0.00	36.09 2.07 0.00	40.04 1.98 0.00	38.86 1.85 0.00	38.47 2.45 0.00	36.29 2.25 0.00	36.94 2.89 0.00	39.99 3.34 -0.33	41.19 3.48 -0.34	42.92 3.62 -0.41	47.49 4.04 -0.91	48.97 4.06 -0.74	51.96 3.89 0.00	60.81 3.34 0.16	67.65 3.60 0.19	68.71 2.64 0.02	64.64 1.77 0.37	55.22 1.82 0.12	50.65 2.50 0.00	44.21 3.54 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	40.55 1.89 0.00	37.72 1.66 0.00	36.54 1.57 0.00	33.62 1.39 0.00	32.46 1.25 0.00	35.47 1.46 0.00	39.36 1.29 0.00	38.30 1.30 0.00	37.53 1.51 0.00	35.61 1.57 0.00	35.65 1.60 0.00	38.37 1.74 -0.31	39.56 1.87 -0.32	41.22 1.94 -0.39	45.47 2.08 -0.85	46.98 2.12 -0.69	50.37 2.31 0.00	59.77 2.13 0.00	66.23 1.99 0.00	67.88 1.78 0.00	64.82 1.58 0.00	55.07 1.55 0.00	50.17 2.02 0.00	42.63 1.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.90 2.24 0.00	37.97 1.91 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.65 1.44 0.00	35.71 1.70 0.00	39.66 1.60 0.00	38.71 1.70 0.00	38.00 1.98 0.00	36.12 2.08 0.00	36.13 2.08 0.00	38.97 2.32 -0.33	40.18 2.47 -0.34	41.87 2.57 -0.41	46.30 2.85 -0.91	47.77 2.87 -0.74	51.14 3.08 0.00	60.29 2.65 0.00	66.81 2.57 0.00	68.34 2.25 0.00	65.26 2.02 0.00	55.50 1.98 0.00	50.65 2.50 0.00	42.99 2.32 0.00
W50THST__13_KV_LOAD 356117	41.09 2.44 0.00	38.19 2.13 0.00	36.89 1.92 0.00	33.97 1.74 0.00	32.81 1.59 0.00	35.92 1.90 0.00	39.89 1.83 0.00	38.97 1.96 0.00	38.25 2.23 0.00	36.36 2.31 0.00	36.36 2.32 0.00	39.22 2.58 -0.33	40.48 2.77 -0.34	42.18 2.88 -0.41	46.59 3.15 -0.91	48.13 3.22 -0.74	51.48 3.41 0.00	60.69 3.05 0.00	67.26 3.02 0.00	68.74 2.64 0.00	65.64 2.40 0.00	55.82 2.30 0.00	50.94 2.79 0.00	43.24 2.56 0.00
WADING RIVER_IC_1 23522	41.25 2.59 0.00	37.61 1.55 0.00	36.75 1.78 0.00	33.62 1.39 0.00	32.74 1.53 0.00	35.41 1.40 0.00	39.25 1.18 0.00	37.89 0.89 0.00	37.53 1.51 0.00	35.37 1.33 0.00	36.12 2.08 0.00	39.16 2.50 -0.33	40.49 2.77 -0.35	42.11 2.80 -0.42	46.65 3.19 -0.92	48.18 3.27 -0.74	50.80 2.74 0.00	59.40 2.25 0.48	65.74 2.06 0.56	66.97 0.92 0.05	63.19 0.38 0.43	53.97 0.64 0.20	49.01 0.87 0.00	43.20 2.52 0.00
WADING RIVER_IC_2 23547	41.25 2.59 0.00	37.61 1.55 0.00	36.75 1.78 0.00	33.62 1.39 0.00	32.74 1.53 0.00	35.41 1.40 0.00	39.25 1.18 0.00	37.89 0.89 0.00	37.53 1.51 0.00	35.37 1.33 0.00	36.12 2.08 0.00	39.16 2.50 -0.33	40.49 2.77 -0.35	42.11 2.80 -0.42	46.65 3.19 -0.92	48.18 3.27 -0.74	50.80 2.74 0.00	59.40 2.25 0.48	65.74 2.06 0.56	66.97 0.92 0.05	63.19 0.38 0.43	53.97 0.64 0.20	49.01 0.87 0.00	43.20 2.52 0.00
WADING RIVER_IC_3 23601	41.25 2.59 0.00	37.61 1.55 0.00	36.75 1.78 0.00	33.62 1.39 0.00	32.74 1.53 0.00	35.41 1.40 0.00	39.25 1.18 0.00	37.89 0.89 0.00	37.53 1.51 0.00	35.37 1.33 0.00	36.12 2.08 0.00	39.16 2.50 -0.33	40.49 2.77 -0.35	42.11 2.80 -0.42	46.65 3.19 -0.92	48.18 3.27 -0.74	50.80 2.74 0.00	59.40 2.25 0.48	65.74 2.06 0.56	66.97 0.92 0.05	63.19 0.38 0.43	53.97 0.64 0.20	49.01 0.87 0.00	43.20 2.52 0.00
WALDENNY_12_KV_BK2 80841	39.54 0.89 0.00	37.00 0.94 0.00	34.86 -0.10 0.00	32.36 0.13 0.00	31.53 0.31 0.00	33.94 -0.07 0.00	36.89 -1.18 0.00	35.42 -1.59 0.00	35.30 -0.72 0.00	33.94 -0.10 0.00	34.46 0.41 0.00	36.72 0.40 0.00	38.01 0.64 0.00	39.51 0.62 0.00	43.09 0.55 0.00	45.01 0.84 0.00	48.78 0.72 0.00	58.44 0.81 0.00	65.01 0.77 0.00	66.29 0.20 0.00	62.42 -0.82 0.00	52.83 -0.70 0.00	49.16 1.01 0.00	41.90 1.22 0.00
WALDEN___HYDRO 24148	40.43 1.78 0.00	37.61 1.55 0.00	36.43 1.47 0.00	33.52 1.29 0.00	32.37 1.15 0.00	35.37 1.36 0.00	39.28 1.22 0.00	38.15 1.15 0.00	37.28 1.26 0.00	35.27 1.23 0.00	35.21 1.16 0.00	37.88 1.31 -0.26	39.02 1.38 -0.27	40.73 1.52 -0.32	44.86 1.62 -0.71	46.46 1.72 -0.58	49.99 1.92 0.00	59.54 1.90 0.00	66.17 1.93 0.00	67.94 1.85 0.00	64.88 1.64 0.00	55.07 1.55 0.00	50.12 1.97 0.00	42.55 1.87 0.00
WARRENSBURG____ 23737	40.09 1.43 0.00	37.32 1.26 0.00	36.12 1.15 0.00	33.30 1.06 0.00	32.24 1.03 0.00	35.17 1.16 0.00	39.17 1.10 0.00	37.89 0.89 0.00	36.56 0.54 0.00	34.38 0.34 0.00	34.01 -0.03 0.00	35.97 -0.07 0.28	36.97 -0.11 0.29	38.46 -0.08 0.35	41.75 0.00 0.78	43.67 0.13 0.63	48.16 0.10 0.00	58.21 0.58 0.00	65.66 1.41 0.00	68.21 2.11 0.00	65.70 2.47 0.00	55.50 1.98 0.00	50.02 1.88 0.00	42.30 1.63 0.00
WATERSIDE___6 8 9 23538	41.09 2.44 0.00	38.08 2.02 0.00	36.71 1.75 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.40 1.33 0.00	38.52 1.52 0.00	37.89 1.87 0.00	36.12 2.08 0.00	36.09 2.04 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	41.99 2.68 -0.41	46.42 2.98 -0.91	47.95 3.05 -0.74	51.19 3.12 0.00	59.76 2.13 0.00	66.23 1.99 0.00	67.74 1.65 0.00	64.63 1.39 0.00	55.23 1.71 0.00	50.65 2.50 0.00	43.20 2.52 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.85 0.19 0.00	36.24 0.18 0.00	35.14 0.17 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.25 0.24 0.00	38.26 0.19 0.00	37.23 0.22 0.00	36.17 0.14 0.00	34.15 0.10 0.00	34.12 0.07 0.00	36.39 0.07 0.00	37.45 0.07 0.00	39.01 0.12 0.00	42.71 0.17 0.00	44.30 0.13 0.00	48.21 0.14 0.00	57.81 0.17 0.00	64.50 0.26 0.00	66.42 0.33 0.00	63.55 0.32 0.00	53.84 0.32 0.00	48.53 0.39 0.00	41.04 0.37 0.00

WDELAWARE___HYD 323627	40.16 1.51 0.00	37.43 1.37 0.00	36.19 1.22 0.00	33.29 1.06 0.00	32.18 0.97 0.00	35.17 1.16 0.00	39.09 1.03 0.00	37.93 0.93 0.00	37.03 1.01 0.00	34.96 0.92 0.00	34.93 0.88 0.00	37.50 0.98 -0.20	38.75 1.16 -0.22	40.36 1.21 -0.26	44.38 1.27 -0.57	46.04 1.41 -0.46	49.78 1.78 0.06	59.10 1.79 0.33	65.60 1.86 0.50	67.94 1.85 0.00	64.94 1.71 0.00	55.12 1.60 0.00	50.02 1.88 0.00	42.42 1.75 0.00
WEST BABYLON___IC 23714	42.06 3.40 0.00	38.51 2.45 0.00	37.38 2.41 0.00	34.10 1.87 0.00	33.15 1.94 0.00	36.09 2.07 0.00	40.04 1.98 0.00	38.86 1.85 0.00	38.47 2.45 0.00	36.29 2.25 0.00	36.94 2.89 0.00	39.99 3.34 -0.33	41.19 3.48 -0.34	42.92 3.62 -0.41	47.49 4.04 -0.91	48.97 4.06 -0.74	51.96 3.89 0.00	60.81 3.34 0.16	67.65 3.60 0.19	68.71 2.64 0.02	64.64 1.77 0.37	55.22 1.82 0.12	50.65 2.50 0.00	44.21 3.54 0.00
WEST CANADA___HYD 24049	38.85 0.19 0.00	36.24 0.18 0.00	35.14 0.18 0.00	32.39 0.16 0.00	31.40 0.19 0.00	34.22 0.21 0.00	38.22 0.15 0.00	37.19 0.19 0.00	36.17 0.14 0.00	34.15 0.10 0.00	34.12 0.07 0.00	36.39 0.07 0.00	37.49 0.11 0.00	39.01 0.12 0.00	42.66 0.13 0.00	44.30 0.13 0.00	48.21 0.14 0.00	57.81 0.17 0.00	64.44 0.19 0.00	66.29 0.20 0.00	63.43 0.19 0.00	53.79 0.27 0.00	48.44 0.29 0.00	40.96 0.29 0.00
WESTERN_NY_WIND 24143	40.01 1.35 0.00	37.43 1.37 0.00	35.39 0.42 0.00	32.81 0.58 0.00	31.96 0.75 0.00	34.45 0.44 0.00	37.57 -0.49 0.00	36.19 -0.81 0.00	35.91 -0.11 0.00	34.25 0.20 0.00	34.63 0.58 0.00	36.97 0.65 0.00	38.23 0.86 0.00	39.67 0.78 0.00	43.34 0.81 0.00	45.18 1.02 0.00	49.22 1.15 0.00	59.25 1.61 0.00	66.36 2.12 0.00	67.88 1.78 0.00	64.31 1.08 0.00	54.33 0.80 0.00	50.26 2.12 0.00	42.59 1.91 0.00
WESTOVER___LESR 323668	39.35 0.70 0.00	36.67 0.61 0.00	35.39 0.42 0.00	32.65 0.42 0.00	31.65 0.44 0.00	34.39 0.37 0.00	38.18 0.11 0.00	36.86 -0.15 0.00	36.02 0.00 0.00	34.25 0.20 0.00	34.35 0.31 0.00	36.65 0.33 0.00	37.75 0.37 0.00	39.24 0.35 0.00	42.92 0.38 0.00	44.65 0.49 0.00	48.69 0.62 0.00	58.33 0.69 0.00	65.01 0.77 0.00	66.82 0.73 0.00	63.81 0.57 0.00	53.95 0.43 0.00	49.11 0.96 0.00	41.61 0.94 0.00
WETHRSFD_WT_PWR 323626	39.74 1.08 0.00	36.85 0.79 0.00	34.97 0.00 0.00	32.36 0.13 0.00	31.46 0.25 0.00	33.94 -0.07 0.00	37.12 -0.95 0.00	35.45 -1.55 0.00	34.90 -1.12 0.00	33.33 -0.72 0.00	33.64 -0.41 0.00	35.88 -0.43 0.00	37.11 -0.26 0.00	38.46 -0.43 0.00	42.28 -0.25 0.00	43.77 -0.40 0.00	48.21 0.14 0.00	57.69 0.06 0.00	64.05 -0.19 0.00	65.96 -0.13 0.00	62.61 -0.63 0.00	52.93 -0.59 0.00	49.11 0.96 0.00	41.77 1.10 0.00
WHAVSTOR_138KV_BK127 55557	40.43 1.78 0.00	37.58 1.51 0.00	36.40 1.43 0.00	33.52 1.29 0.00	32.37 1.15 0.00	35.37 1.36 0.00	39.21 1.14 0.00	38.19 1.18 0.00	37.43 1.40 0.00	35.54 1.50 0.00	35.55 1.50 0.00	38.30 1.67 -0.31	39.45 1.76 -0.32	41.11 1.83 -0.39	45.35 1.96 -0.86	46.85 1.99 -0.69	50.18 2.11 0.00	59.48 1.84 0.00	65.98 1.73 0.00	67.61 1.52 0.00	64.50 1.26 0.00	54.81 1.28 0.00	49.97 1.83 0.00	42.47 1.79 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	40.43 1.78 0.00	37.58 1.51 0.00	36.40 1.43 0.00	33.52 1.29 0.00	32.37 1.15 0.00	35.37 1.36 0.00	39.21 1.14 0.00	38.19 1.18 0.00	37.43 1.40 0.00	35.54 1.50 0.00	35.55 1.50 0.00	38.30 1.67 -0.31	39.45 1.76 -0.32	41.11 1.83 -0.39	45.35 1.96 -0.86	46.85 1.99 -0.69	50.18 2.11 0.00	59.48 1.84 0.00	65.98 1.73 0.00	67.61 1.52 0.00	64.50 1.26 0.00	54.81 1.28 0.00	49.97 1.83 0.00	42.47 1.79 0.00
WHITEHAL_115KV_TB1 80871	40.24 1.58 0.00	37.43 1.37 0.00	36.22 1.26 0.00	33.36 1.13 0.00	32.34 1.12 0.00	35.30 1.29 0.00	39.32 1.26 0.00	37.97 0.96 0.00	36.53 0.50 0.00	34.28 0.24 0.00	33.91 -0.14 0.00	35.89 -0.15 0.29	36.88 -0.19 0.30	38.41 -0.12 0.36	41.65 -0.09 0.80	43.65 0.13 0.65	48.21 0.14 0.00	58.44 0.81 0.00	65.98 1.73 0.00	68.80 2.71 0.00	66.46 3.23 0.00	56.04 2.52 0.00	50.46 2.31 0.00	42.59 1.91 0.00
WHITEPLN_13_KV_LOAD 356215	41.09 2.44 0.00	38.15 2.09 0.00	36.89 1.92 0.00	33.94 1.71 0.00	32.81 1.59 0.00	35.88 1.87 0.00	39.85 1.79 0.00	38.86 1.85 0.00	38.11 2.09 0.00	36.19 2.14 0.00	36.19 2.15 0.00	39.04 2.40 -0.33	40.26 2.54 -0.34	41.95 2.64 -0.41	46.38 2.93 -0.91	47.86 2.96 -0.73	51.24 3.17 0.00	60.75 3.11 0.00	67.46 3.21 0.00	69.00 2.91 0.00	65.83 2.59 0.00	55.88 2.35 0.00	50.89 2.74 0.00	43.16 2.48 0.00
WM_FLOYD_69_KV_BK2 356380	41.67 3.02 0.00	37.94 1.88 0.00	36.96 1.99 0.00	33.81 1.58 0.00	32.90 1.69 0.00	35.68 1.67 0.00	39.59 1.52 0.00	38.26 1.26 0.00	37.89 1.87 0.00	35.68 1.63 0.00	36.40 2.35 0.00	39.48 2.83 -0.33	40.74 3.03 -0.34	42.41 3.11 -0.41	47.02 3.57 -0.91	48.52 3.62 -0.74	51.57 3.51 0.00	59.88 2.77 0.52	66.53 2.89 0.60	67.96 1.92 0.05	63.75 0.95 0.44	54.54 1.23 0.22	50.07 1.93 0.00	43.73 3.05 0.00
WOODARD___115KV_TB2 355635	38.46 -0.19 0.00	35.88 -0.18 0.00	34.69 -0.28 0.00	31.97 -0.26 0.00	31.00 -0.22 0.00	33.74 -0.27 0.00	37.68 -0.38 0.00	36.49 -0.52 0.00	35.59 -0.43 0.00	33.70 -0.34 0.00	33.74 -0.31 0.00	36.03 -0.29 0.00	37.04 -0.34 0.00	38.50 -0.39 0.00	42.11 -0.43 0.00	43.81 -0.35 0.00	47.68 -0.38 0.00	57.17 -0.46 0.00	63.86 -0.39 0.00	65.70 -0.40 0.00	62.86 -0.38 0.00	53.09 -0.43 0.00	48.05 -0.10 0.00	40.59 -0.08 0.00
WOODMERE_69_KV_BK1 55827	41.86 3.21 0.00	38.51 2.45 0.00	37.31 2.34 0.00	34.10 1.87 0.00	33.09 1.87 0.00	36.09 2.07 0.00	40.04 1.98 0.00	38.93 1.92 0.00	38.47 2.45 0.00	36.36 2.31 0.00	36.87 2.83 0.00	39.77 3.12 -0.33	41.00 3.29 -0.34	42.73 3.42 -0.41	47.19 3.74 -0.91	48.74 3.84 -0.74	51.86 3.80 0.00	61.03 3.40 0.00	67.84 3.60 0.00	68.93 2.84 0.00	65.35 2.15 0.04	55.61 2.09 0.00	50.84 2.70 0.00	44.01 3.34 0.00
YORK___WARBASSE 23770	41.25 2.59 0.00	38.19 2.13 0.00	36.75 1.78 0.00	33.84 1.61 0.00	32.59 1.37 0.00	35.51 1.50 0.00	39.36 1.29 0.00	38.45 1.44 0.00	37.79 1.77 0.00	36.05 2.01 0.00	36.06 2.01 0.00	38.97 2.32 -0.33	40.26 2.54 -0.34	42.03 2.72 -0.41	46.55 3.11 -0.91	48.04 3.14 -0.74	51.38 3.32 0.00	60.05 2.42 0.00	66.49 2.25 0.00	68.14 2.05 0.00	64.95 1.71 0.00	55.40 1.87 0.00	50.89 2.74 0.00	43.36 2.68 0.00